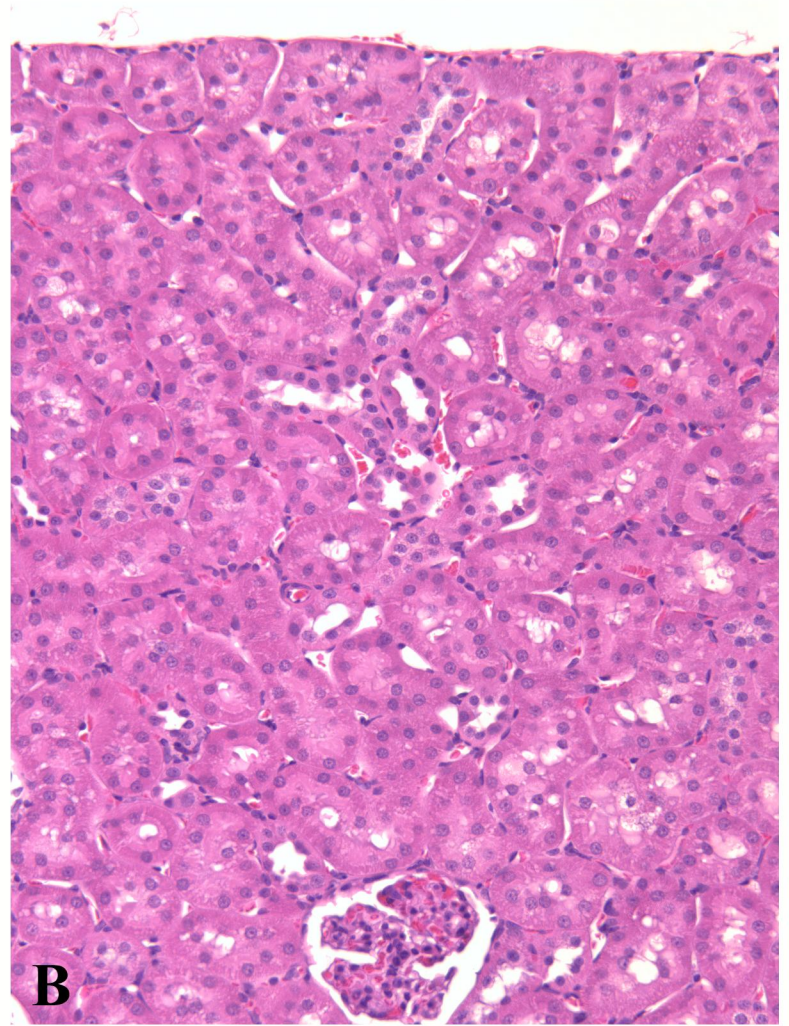
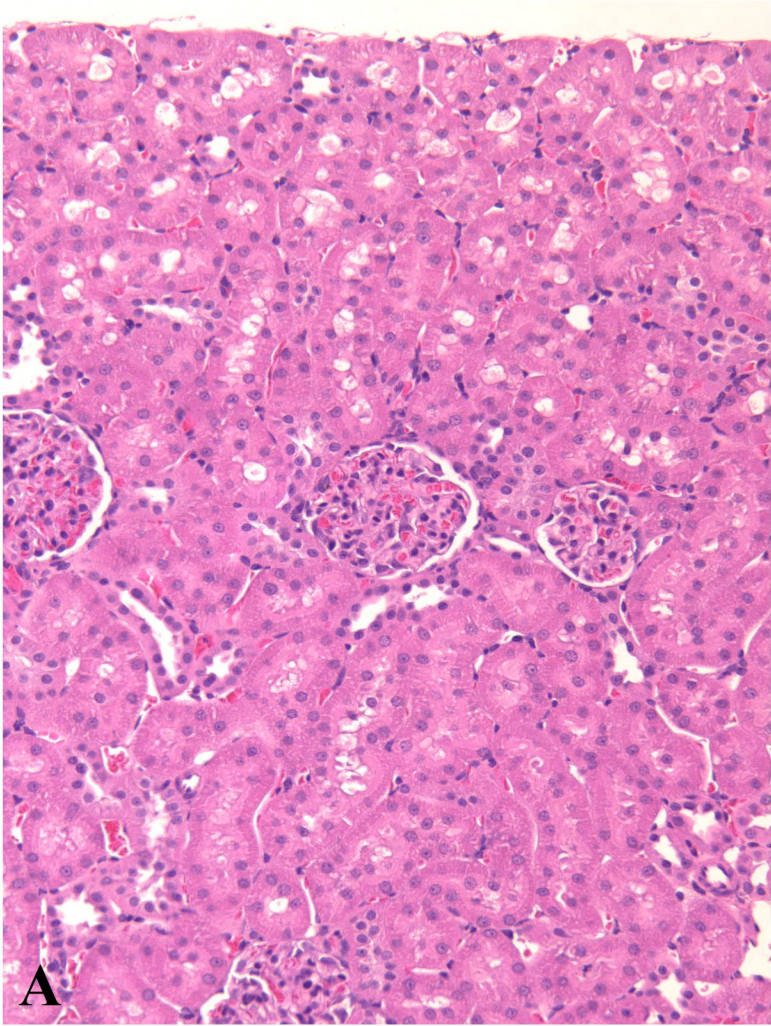


Supplemental Figure 1: Representative hematoxylin and eosin stained kidney sections obtained from male Sprague-Dawley rats 24 hours after vehicle (A) or methapyrilene 100 mg/kg/day (B) administration for 7 daily doses. No treatment related lesions were observed in the kidneys from rats exposed to methapyrilene. Images courtesy of Dr. Brian Knight, Boehringer-Ingelheim Pharmaceuticals, Inc.

Supplemental Table 1: ER stress and unfolded protein response genes differentially expressed in the liver following administration of methapyrilene in the rat as displayed in Figure 3. The values shown under each treatment group is the mean expression value obtained from 4 arrays. Bolded numbers are genes that are significant for that treatment group according to Rosetta Resolver's Error Model ($p < 0.001$).

EPIG profiles graphs: Representations of the 17 patterns identified by EPIG (Signal-to-noise ratio > 3 , Correlation > 0.85 , with a minimum of 7 genes required to make up a pattern). Each point on the graph represents the average expression value of the top 5 genes in the pattern for each microarray performed.

EPIG pattern files: Each file contains the genes belonging to 1 of the 17 distinct patterns identified by EPIG (Signal-to-noise ratio (SNR) > 3 , Correlation > 0.85 , with a minimum of 7 genes required to make up a pattern). Each data column contains the log₂ ratio of the treated vs. time-matched control sample for that chip. Data conversions for the fluor reversals have already been performed.



Supplemental Table: ER stress and Unfolded Protein Response Genes
 Significantly expressed genes (Rosetta Resolver p-value < 0.001) are in bold.

Sequence Code	Gene Symbol	Sequence Description
A_43_P15754	Hspa9a_predicted	Heat shock protein, A (predicted)
A_43_P15258	Asns	Asparagine synthetase
A_43_P13207	Myd116	Myeloid differentiation primary response gene 116 (GADD34)
A_43_P12723	Dnaja2	DnaJ (Hsp40) homolog, subfamily A, member 2
A_43_P12545	Ube2d3	Ubiquitin-conjugating enzyme E2D 3 (UBC4/5 homolog, yeast)
A_43_P12400	Ddit3	DNA-damage inducible transcript 3
A_43_P12037	Eif2s1	Eukaryotic translation initiation factor 2, subunit 1 alpha
A_43_P11800	Bax	Bcl2-associated X protein
A_43_P11644	Npm1	Nucleophosmin 1
A_43_P11636	Hspe1	Heat shock 10 kDa protein 1
A_43_P11338	Abce1	ATP-binding cassette, sub-family E (OABP), member 1 (predicted)
A_43_P11304	Gars	Glycyl-tRNA synthetase
A_43_P11287	Fkbp1a	FK506-binding protein 1a
A_42_P783468	Dnajd1_predicted	Similar to DnaJ (Hsp40) homolog, subfamily D, member 1
A_42_P755831	Tomm20	Translocase of outer mitochondrial membrane 20 homolog (yeast)
A_42_P678166	Atad3a_predicted	ATPase family, AAA domain containing 3A
A_42_P660129	Casp12	Caspase 12
A_42_P637726	Ube2e2	Ubiquitin-conjugating enzyme E2E 2 (UBC4/5 homolog, yeast)
A_42_P625181	Hspa4	Heat shock protein 4
A_42_P620762	Atf4	Activating transcription factor 4
A_42_P587798	Ckap1_predicted	Cytoskeleton-associated protein 1 (predicted)
A_42_P573084	Hspa5	Heat shock 70kD protein 5
A_42_P490804	Nol5	Nucleolar protein 5
A_42_P481213	Rtn4	Reticulon 4
A_42_P477311	Wars	Tryptophanyl-tRNA synthetase
A_43_P16842	Clpx_predicted	Caseinolytic protease X (E.coli)
A_43_P12340	Dnaja1	DnaJ-like protein
A_43_P11818	Crp	C-reactive protein, petaxin related
A_42_P793150	Sap	Serum amyloid P-component
A_42_P739364	Hspb3	Heat shock 27kD protein family, member 3
A_42_P473893	Txndc4_predicted	Thioredoxin domain containing 4 (endoplasmic reticulum)
A_43_P11616	Atf3	Activating transcription factor 3
A_42_P493162	Hspa1a	Heat shock 70kD protein 1A
A_43_P20894	Canx	Calnexin
A_43_P16774	MGC95138	T-complex protein 1
A_43_P16665	Tor3a	Torsin family 3, member A (predicted)
A_43_P14746	Dnaja4	DnaJ (Hsp40) homolog, subfamily A, member 4 (predicted)
A_43_P12920	Cdc37	Cell division cycle 37 homolog (S. cerevisiae)
A_43_P12917	Casp11	Caspase 11
A_43_P12844	Cox17	COX17 homolog, cytochrome c oxidase assembly protein (yeast)
A_43_P12417	Hspa8	Heat shock protein 8
A_43_P11692	Cd74	CD74 antigen
A_43_P11497	Ptpn1	Protein tyrosine phosphatase, non-receptor type 1
A_43_P11333	Hyou1	Hypoxia up-regulated 1
A_43_P11330	Pdia6	Thioredoxin domain containing 7
A_43_P10890	LOC366995	Tubulin cofactor A

A_43_P10777	LOC287984	Proteasome (prosome, macropain) 26S subunit, non-ATPase, 2
A_43_P10702	Sec63_predicted	SEC63-like (<i>S. cerevisiae</i>) (predicted)
A_43_P10529	Mkks	McKusick-Kaufman syndrome protein (predicted)
A_43_P10003	Hsp105	Heat shock protein 105 (predicted)
A_42_P830405	Herpud1	Homocysteine-inducible, endoplasmic reticulum stress-inducible, ubiquitin-l
A_42_P792080	Fkbp4	FK506 binding protein 4 (59 kDa)
A_42_P788541	Pfdn5_predicted	Prefoldin 5 (predicted)
A_42_P772878	Bag3_predicted	Bcl2-associated athanogene 3 (predicted)
A_42_P762618	Ccs	Copper chaperone for superoxide dismutase
A_42_P747679	Pdia4	Protein disulfide isomerase related protein
A_42_P718381	Vcip135	Valosin-containing protein (p97)/p47 complex-interacting protein p135
A_42_P693093	Casp9	Caspase 9
A_42_P690274	Atox1	ATX1 (antioxidant protein 1) homolog 1 (yeast)
A_42_P684516	Nap1l4	Nucleosome assembly protein 1-like 4 (predicted)
A_42_P681533	Hspca	Heat shock protein 1, alpha
A_42_P651963	Hspd1	Heat shock protein 1 (chaperonin)
A_42_P629500	Eif2ak3	Eukaryotic translation initiation factor 2 alpha kinase 3
A_42_P627699	Sgne1	Secretory granule neuroendocrine protein 1
A_42_P626933	Lman1	Lectin, mannose-binding, 1
A_42_P601616	Ppib	Peptidylprolyl isomerase B
A_42_P566772	Got2	Glutamate oxaloacetate transaminase 2
A_42_P561597	Dnajc10	DnaJ (Hsp40) homolog, subfamily C, member 10
A_42_P561542	Atp2a2	ATPase, Ca ⁺⁺ transporting, cardiac muscle, slow twitch 2
A_42_P554157	Dnajb11	DnaJ (Hsp40) homolog, subfamily B, member 11 (predicted)
A_42_P530680	Gak	Cyclin G associated kinase
A_42_P519954	Pfdn1_predicted	Similar to prefoldin 1
A_42_P509617	Dnajc9_predicted	DnaJ (Hsp40) homolog, subfamily C, member 9 (predicted)
A_42_P476244	LOC619393	Jun dimerization protein 1
A_42_P457047	Dnajb9	DnaJ (Hsp40) homolog, subfamily B, member 9

GenBank Accession	Low Liver 1 day Fold Change	Low Liver 3 days Fold Change	Low Liver 7 days Fold Change	High Liver 1 day Fold Change
XM_214583	-1.13	-1.13	1.14	1.20
NM_013079	-1.03	1.03	1.01	1.17
NM_133546	1.45	1.06	1.10	1.42
NM_032079	1.14	1.04	1.31	1.57
NM_031237	1.01	-1.01	1.01	1.30
NM_024134	1.08	1.30	1.45	1.68
NM_019356	-1.18	-1.06	1.11	1.48
NM_017059	-1.16	1.21	-1.07	1.47
NM_012992	1.01	-1.05	1.31	1.89
NM_012966	-1.29	-1.09	1.04	1.43
AY724536	-1.07	1.01	1.11	1.17
CB547629	1.03	-1.02	1.25	1.70
NM_013102	-1.18	1.01	1.01	1.17
XM_214238	-1.21	-1.16	-1.05	-1.08
NM_152935	1.01	-1.15	1.06	1.39
XM_216606	-1.03	-1.07	1.18	1.60
NM_130422	-1.09	1.24	1.31	2.14
BC079134	-1.15	1.10	1.08	1.21
NM_153629	-1.16	-1.02	1.25	1.13
NM_024403	-1.08	-1.09	1.10	1.55
AI706196	-1.03	1.02	1.06	1.24
NM_013083	-1.66	-1.01	1.15	1.18
NM_021754	1.16	1.01	1.32	2.84
NM_031831	-1.07	1.05	1.00	1.10
XM_343110	-1.29	1.04	1.27	1.45
XM_217179	1.77	-1.04	-1.00	1.15
NM_022934	1.07	-1.03	1.18	1.69
NM_017096	1.19	-1.02	-1.00	-1.06
NM_017170	-1.08	-1.02	1.12	-1.74
NM_031750	1.23	1.09	-1.04	-1.22
XM_216396	-1.52	1.05	1.12	-1.40
NM_012912	2.48	-1.14	1.04	4.79
NM_031971	2.78	-1.13	1.34	6.00
NM_172008	-1.12	-1.20	1.05	1.09
NM_00100699	1.33	1.06	1.04	-1.11
BG373987	-1.48	-1.18	2.00	-1.42
AA799518	1.11	-1.04	-1.11	1.09
NM_053743	-1.03	-1.16	1.07	1.17
NM_053736	-1.02	1.14	1.57	1.13
NM_053540	-1.04	1.02	1.10	1.06
NM_024351	-1.19	1.20	1.06	1.00
NM_013069	1.02	-1.05	-1.01	1.15
NM_012637	1.23	-1.29	1.18	1.27
BC065310	-1.27	-1.03	1.04	-1.41
AW524881	-1.13	-1.14	1.19	1.07
XM_345880	-1.15	-1.02	-1.00	1.01

XM_213571	1.05	-1.07	-1.01	1.01
AI179951	-1.19	-1.27	1.19	-1.17
NM_00100835	-1.37	-1.04	1.07	-1.22
BC081945	-1.03	1.02	1.26	1.41
NM_053523	1.13	1.27	-1.03	1.41
XM_342763	1.04	1.03	-1.18	-1.03
XM_217061	-1.07	1.07	-1.05	1.00
XM_215054	1.32	-1.05	1.23	2.34
NM_053425	-1.05	1.07	-1.23	-1.38
NM_053849	-1.30	-1.39	-1.05	-1.51
NM_176857	1.03	-1.03	-1.06	1.20
NM_031632	-1.08	-1.07	-1.02	1.22
NM_053359	-1.18	1.01	-1.20	-1.19
BC085801	-1.10	1.01	1.08	1.25
NM_175761	-1.04	-1.24	1.28	1.94
NM_022229	1.12	-1.07	-1.04	1.48
NM_031599	1.06	1.33	1.14	1.27
NM_013175	1.11	-1.01	-1.05	1.09
NM_053886	-1.26	1.11	-1.05	1.03
NM_022536	-1.27	-1.14	-1.35	-1.15
NM_013177	1.02	-1.13	-1.16	-1.09
XM_215751	1.06	-1.09	-1.03	1.09
NM_017290	-1.12	1.14	1.12	-1.30
BM383437	-1.29	-1.01	-1.04	-1.11
NM_031030	1.10	-1.00	1.04	1.07
XM_341596	-1.06	-1.31	1.01	-1.03
AI045347	1.01	1.01	1.13	1.22
AB062135	-1.07	-1.02	-1.05	-1.14
NM_012699	-1.19	1.16	1.06	1.14

High Liver 3 days Fold Change	High Liver 7 days Fold Change	Low Kidney 1 day Fold Change	Low Kidney 3 days Fold Change
1.38	1.87	1.01	1.06
1.30	1.37	-1.02	1.01
2.74	3.00	1.19	-1.10
1.35	1.74	1.04	-1.02
1.37	1.68	1.16	-1.10
4.47	4.84	-1.01	-1.02
1.88	2.50	1.04	-1.03
2.62	3.88	1.11	-1.03
2.10	2.95	1.07	-1.05
1.37	1.41	1.01	1.11
1.34	1.39	-1.06	1.07
1.88	2.86	-1.01	-1.00
1.51	1.63	1.06	-1.02
1.38	1.90	1.06	-1.09
1.34	1.82	-1.01	-1.06
1.39	1.84	1.00	-1.05
2.44	2.74	1.01	1.06
1.48	1.69	-1.13	1.08
1.41	1.73	-1.03	1.10
1.72	2.67	1.14	-1.15
1.53	1.56	1.06	-1.06
3.39	4.68	1.21	-1.14
1.90	3.74	1.03	-1.07
1.35	1.96	1.06	-1.15
2.65	4.14	1.08	-1.06
-1.45	-1.77	1.14	1.01
-1.39	-1.81	1.10	1.07
-1.29	-1.91	-1.09	1.02
-1.28	-3.60	1.10	-1.04
-1.28	-1.72	1.00	-1.04
-1.09	-1.02	-1.15	1.04
2.51	3.88	1.21	1.02
-1.25	-1.12	1.50	-1.74
1.05	1.30	1.09	-1.01
1.21	1.81	-1.11	-1.05
-1.35	1.34	-1.03	-1.20
-1.08	-1.29	1.30	-1.01
1.25	1.39	1.09	-1.16
3.38	1.89	1.10	-1.01
1.42	1.41	1.13	-1.01
1.41	1.48	1.12	-1.04
1.15	1.58	1.01	-1.07
-1.06	1.08	1.09	-1.07
1.09	1.23	1.23	-1.04
1.16	1.56	1.18	1.13
1.28	1.45	1.15	1.04

-1.20	-1.25	1.04	-1.08
-1.21	1.07	1.08	-1.15
1.04	1.11	-1.00	1.11
1.07	-1.24	1.42	-1.04
1.14	1.05	1.31	-1.11
-1.03	-1.34	1.08	1.01
1.28	1.30	1.16	1.01
-1.45	-1.20	1.05	-1.05
1.19	1.31	1.08	-1.04
-1.39	1.14	1.17	-1.17
1.31	1.43	1.19	-1.04
1.15	1.30	-1.09	1.01
-1.10	-1.50	1.01	-1.00
1.29	1.43	1.01	1.03
1.24	1.46	1.29	-1.05
1.54	2.20	1.20	-1.08
1.33	1.08	1.10	-1.02
-1.01	-1.02	1.02	-1.02
1.12	1.65	-1.03	-1.01
1.37	1.62	1.23	-1.15
-1.18	-1.17	1.11	-1.04
1.21	1.54	1.13	-1.05
-1.20	-1.26	1.09	1.01
1.36	1.62	1.12	-1.04
1.16	1.16	-1.00	1.02
1.16	2.02	1.13	-1.09
1.37	1.31	1.09	-1.05
-1.18	-1.29	-1.03	1.05
1.13	1.36	1.13	-1.09

Low Kidney 7 days Fold Change	High Kidney 1 day Fold Change	High Kidney 3 days Fold Change	High Kidney 7 days Fold Change	EPIG Profile
-1.01	1.06	1.12	1.09	6
-1.04	1.00	-1.08	1.07	6
1.08	1.27	-1.10	1.10	6
1.02	1.08	-1.08	1.04	6
1.03	1.15	-1.04	1.03	6
1.01	-1.00	1.01	1.02	6
1.01	1.02	-1.06	1.05	6
-1.13	1.05	-1.01	-1.02	6
1.12	1.11	-1.03	1.32	6
-1.03	-1.02	1.06	1.00	6
-1.01	-1.08	1.06	-1.02	6
1.06	1.05	1.01	1.19	6
-1.06	-1.09	-1.03	-1.02	6
-1.14	1.01	-1.01	1.02	6
-1.02	1.02	1.00	1.05	6
-1.11	1.05	-1.06	1.06	6
1.09	-1.02	-1.02	-1.01	6
-1.03	-1.02	1.07	1.06	6
1.03	-1.02	1.02	-1.02	6
-1.00	1.26	-1.11	1.15	6
1.06	1.01	-1.09	1.01	6
-1.08	1.26	-1.11	-1.24	6
1.06	1.20	1.05	1.15	6
1.00	-1.06	-1.23	1.03	6
1.01	1.03	-1.00	1.05	6
-1.08	1.13	1.07	1.01	1
-1.06	1.34	-1.04	1.01	1
1.01	-1.05	1.02	1.02	4
1.03	-1.15	-1.18	-1.40	4
-1.03	-1.02	-1.01	-1.01	4
1.02	-1.07	-1.02	-1.03	10
-1.15	1.27	1.21	1.06	16
1.47	1.44	-1.40	1.08	16
1.02	1.05	-1.12	-1.25	
-1.12	-1.09	1.02	-1.01	
1.23	1.06	1.13	1.31	
1.06	1.13	1.02	-1.09	
-1.02	-1.03	-1.09	-1.13	
1.02	1.06	-1.03	-1.01	
1.02	1.04	-1.02	1.01	
1.02	1.03	1.02	-1.01	
1.00	1.15	-1.06	1.03	
1.03	1.15	-1.06	1.08	
1.03	1.11	-1.14	-1.08	
1.16	1.13	-1.22	-1.05	
-1.01	-1.05	1.01	1.05	

1.04	1.03	1.01	1.07
-1.09	1.09	-1.15	1.10
1.05	1.03	1.08	1.11
-1.04	1.31	-1.07	-1.17
-1.01	1.34	-1.09	1.34
-1.07	-1.01	1.01	-1.10
-1.02	1.09	1.06	1.08
-1.26	1.11	-1.07	-1.11
-1.02	1.06	1.05	-1.06
-1.01	1.06	-1.14	-1.09
1.03	1.27	1.00	1.13
1.02	-1.03	-1.01	-1.02
-1.00	-1.02	-1.11	-1.01
1.03	1.05	1.05	1.07
-1.09	1.19	-1.29	-1.09
-1.08	1.19	1.09	1.14
-1.03	1.01	-1.06	-1.07
1.03	1.02	1.02	1.02
-1.05	1.08	-1.06	1.06
1.03	1.13	-1.12	1.02
-1.13	1.01	-1.06	-1.08
1.02	-1.04	-1.11	1.04
1.09	1.06	-1.05	-1.09
-1.06	1.08	-1.07	-1.12
1.03	1.00	1.01	1.07
-1.01	1.04	-1.11	1.04
1.08	1.04	-1.03	1.11
-1.05	-1.08	1.00	-1.03
1.01	1.36	1.01	1.20

Supplemental Table 1: ER stress and Unfolded Protein Response Genes

Sequence Code	Gene Symbol	Sequence Description
A_43_P15754	Hspa9a_predicted	Heat shock protein, A (predicted)
A_43_P15258	Asns	Asparagine synthetase
A_43_P13207	Myd116	Myeloid differentiation primary response gene 116 (GADD34)
A_43_P12723	Dnaja2	DnaJ (Hsp40) homolog, subfamily A, member 2
A_43_P12545	Ube2d3	Ubiquitin-conjugating enzyme E2D 3 (UBC4/5 homolog, yeast)
A_43_P12400	Ddit3	DNA-damage inducible transcript 3
A_43_P12037	Eif2s1	Eukaryotic translation initiation factor 2, subunit 1 alpha
A_43_P11800	Bax	Bcl2-associated X protein
A_43_P11644	Npm1	Nucleophosmin 1
A_43_P11636	Hspe1	Heat shock 10 kDa protein 1
A_43_P11338	Abce1	ATP-binding cassette, sub-family E (OABP), member 1 (predicted)
A_43_P11304	Gars	Glycyl-tRNA synthetase
A_43_P11287	Fkbp1a	FK506-binding protein 1a
A_42_P783468	Dnajd1_predicted	Similar to DnaJ (Hsp40) homolog, subfamily D, member 1
A_42_P755831	Tomm20	Translocase of outer mitochondrial membrane 20 homolog (yeast)
A_42_P678166	Atad3a_predicted	ATPase family, AAA domain containing 3A
A_42_P660129	Casp12	Caspase 12
A_42_P637726	Ube2e2	Ubiquitin-conjugating enzyme E2E 2 (UBC4/5 homolog, yeast)
A_42_P625181	Hspa4	Heat shock protein 4
A_42_P620762	Atf4	Activating transcription factor 4
A_42_P587798	Ckap1_predicted	Cytoskeleton-associated protein 1 (predicted)
A_42_P573084	Hspa5	Heat shock 70kD protein 5
A_42_P490804	Nol5	Nucleolar protein 5
A_42_P481213	Rtn4	Reticulon 4
A_42_P477311	Wars	Tryptophanyl-tRNA synthetase
A_43_P16842	Clpx_predicted	Caseinolytic protease X (E.coli)
A_43_P12340	Dnaja1	DnaJ-like protein
A_43_P11818	Crp	C-reactive protein, petaxin related
A_42_P793150	Sap	Serum amyloid P-component
A_42_P739364	Hspb3	Heat shock 27kD protein family, member 3
A_42_P473893	Txndc4_predicted	Thioredoxin domain containing 4 (endoplasmic reticulum)
A_43_P11616	Atf3	Activating transcription factor 3
A_42_P493162	Hspa1a	Heat shock 70kD protein 1A
A_43_P20894	Canx	Calnexin
A_43_P16774	MGC95138	T-complex protein 1
A_43_P16665	Tor3a	Torsin family 3, member A (predicted)
A_43_P14746	Dnaja4	DnaJ (Hsp40) homolog, subfamily A, member 4 (predicted)
A_43_P12920	Cdc37	Cell division cycle 37 homolog (S. cerevisiae)
A_43_P12917	Casp11	Caspase 11
A_43_P12844	Cox17	COX17 homolog, cytochrome c oxidase assembly protein (yeast)
A_43_P12417	Hspa8	Heat shock protein 8
A_43_P11692	Cd74	CD74 antigen
A_43_P11497	Ptpn1	Protein tyrosine phosphatase, non-receptor type 1
A_43_P11333	Hyou1	Hypoxia up-regulated 1
A_43_P11330	Pdia6	Thioredoxin domain containing 7
A_43_P10890	LOC366995	Tubulin cofactor A

A_43_P10777	LOC287984	Proteasome (prosome, macropain) 26S subunit, non-ATPase, 2
A_43_P10702	Sec63_predicted	SEC63-like (<i>S. cerevisiae</i>) (predicted)
A_43_P10529	Mkks	McKusick-Kaufman syndrome protein (predicted)
A_43_P10003	Hsp105	Heat shock protein 105 (predicted)
A_42_P830405	Herpud1	Homocysteine-inducible, endoplasmic reticulum stress-inducible, ubiquitin-l
A_42_P792080	Fkbp4	FK506 binding protein 4 (59 kDa)
A_42_P788541	Pfdn5_predicted	Prefoldin 5 (predicted)
A_42_P772878	Bag3_predicted	Bcl2-associated athanogene 3 (predicted)
A_42_P762618	Ccs	Copper chaperone for superoxide dismutase
A_42_P747679	Pdia4	Protein disulfide isomerase related protein
A_42_P718381	Vcip135	Valosin-containing protein (p97)/p47 complex-interacting protein p135
A_42_P693093	Casp9	Caspase 9
A_42_P690274	Atox1	ATX1 (antioxidant protein 1) homolog 1 (yeast)
A_42_P684516	Nap1l4	Nucleosome assembly protein 1-like 4 (predicted)
A_42_P681533	Hspca	Heat shock protein 1, alpha
A_42_P651963	Hspd1	Heat shock protein 1 (chaperonin)
A_42_P629500	Eif2ak3	Eukaryotic translation initiation factor 2 alpha kinase 3
A_42_P627699	Sgne1	Secretory granule neuroendocrine protein 1
A_42_P626933	Lman1	Lectin, mannose-binding, 1
A_42_P601616	Ppib	Peptidylprolyl isomerase B
A_42_P566772	Got2	Glutamate oxaloacetate transaminase 2
A_42_P561597	Dnajc10	DnaJ (Hsp40) homolog, subfamily C, member 10
A_42_P561542	Atp2a2	ATPase, Ca ⁺⁺ transporting, cardiac muscle, slow twitch 2
A_42_P554157	Dnajb11	DnaJ (Hsp40) homolog, subfamily B, member 11 (predicted)
A_42_P530680	Gak	Cyclin G associated kinase
A_42_P519954	Pfdn1_predicted	Similar to prefoldin 1
A_42_P509617	Dnajc9_predicted	DnaJ (Hsp40) homolog, subfamily C, member 9 (predicted)
A_42_P476244	LOC619393	Jun dimerization protein 1
A_42_P457047	Dnajb9	DnaJ (Hsp40) homolog, subfamily B, member 9

GenBank Accession	Low Liver 1 day Fold Change	Low Liver 3 days Fold Change	Low Liver 7 days Fold Change	High Liver 1 day Fold Change
XM_214583	-1.13	-1.13	1.14	1.20
NM_013079	-1.03	1.03	1.01	1.17
NM_133546	1.45	1.06	1.10	1.42
NM_032079	1.14	1.04	1.31	1.57
NM_031237	1.01	-1.01	1.01	1.30
NM_024134	1.08	1.30	1.45	1.68
NM_019356	-1.18	-1.06	1.11	1.48
NM_017059	-1.16	1.21	-1.07	1.47
NM_012992	1.01	-1.05	1.31	1.89
NM_012966	-1.29	-1.09	1.04	1.43
AY724536	-1.07	1.01	1.11	1.17
CB547629	1.03	-1.02	1.25	1.70
NM_013102	-1.18	1.01	1.01	1.17
XM_214238	-1.21	-1.16	-1.05	-1.08
NM_152935	1.01	-1.15	1.06	1.39
XM_216606	-1.03	-1.07	1.18	1.60
NM_130422	-1.09	1.24	1.31	2.14
BC079134	-1.15	1.10	1.08	1.21
NM_153629	-1.16	-1.02	1.25	1.13
NM_024403	-1.08	-1.09	1.10	1.55
AI706196	-1.03	1.02	1.06	1.24
NM_013083	-1.66	-1.01	1.15	1.18
NM_021754	1.16	1.01	1.32	2.84
NM_031831	-1.07	1.05	1.00	1.10
XM_343110	-1.29	1.04	1.27	1.45
XM_217179	1.77	-1.04	-1.00	1.15
NM_022934	1.07	-1.03	1.18	1.69
NM_017096	1.19	-1.02	-1.00	-1.06
NM_017170	-1.08	-1.02	1.12	-1.74
NM_031750	1.23	1.09	-1.04	-1.22
XM_216396	-1.52	1.05	1.12	-1.40
NM_012912	2.48	-1.14	1.04	4.79
NM_031971	2.78	-1.13	1.34	6.00
NM_172008	-1.12	-1.20	1.05	1.09
NM_00100699	1.33	1.06	1.04	-1.11
BG373987	-1.48	-1.18	2.00	-1.42
AA799518	1.11	-1.04	-1.11	1.09
NM_053743	-1.03	-1.16	1.07	1.17
NM_053736	-1.02	1.14	1.57	1.13
NM_053540	-1.04	1.02	1.10	1.06
NM_024351	-1.19	1.20	1.06	1.00
NM_013069	1.02	-1.05	-1.01	1.15
NM_012637	1.23	-1.29	1.18	1.27
BC065310	-1.27	-1.03	1.04	-1.41
AW524881	-1.13	-1.14	1.19	1.07
XM_345880	-1.15	-1.02	-1.00	1.01

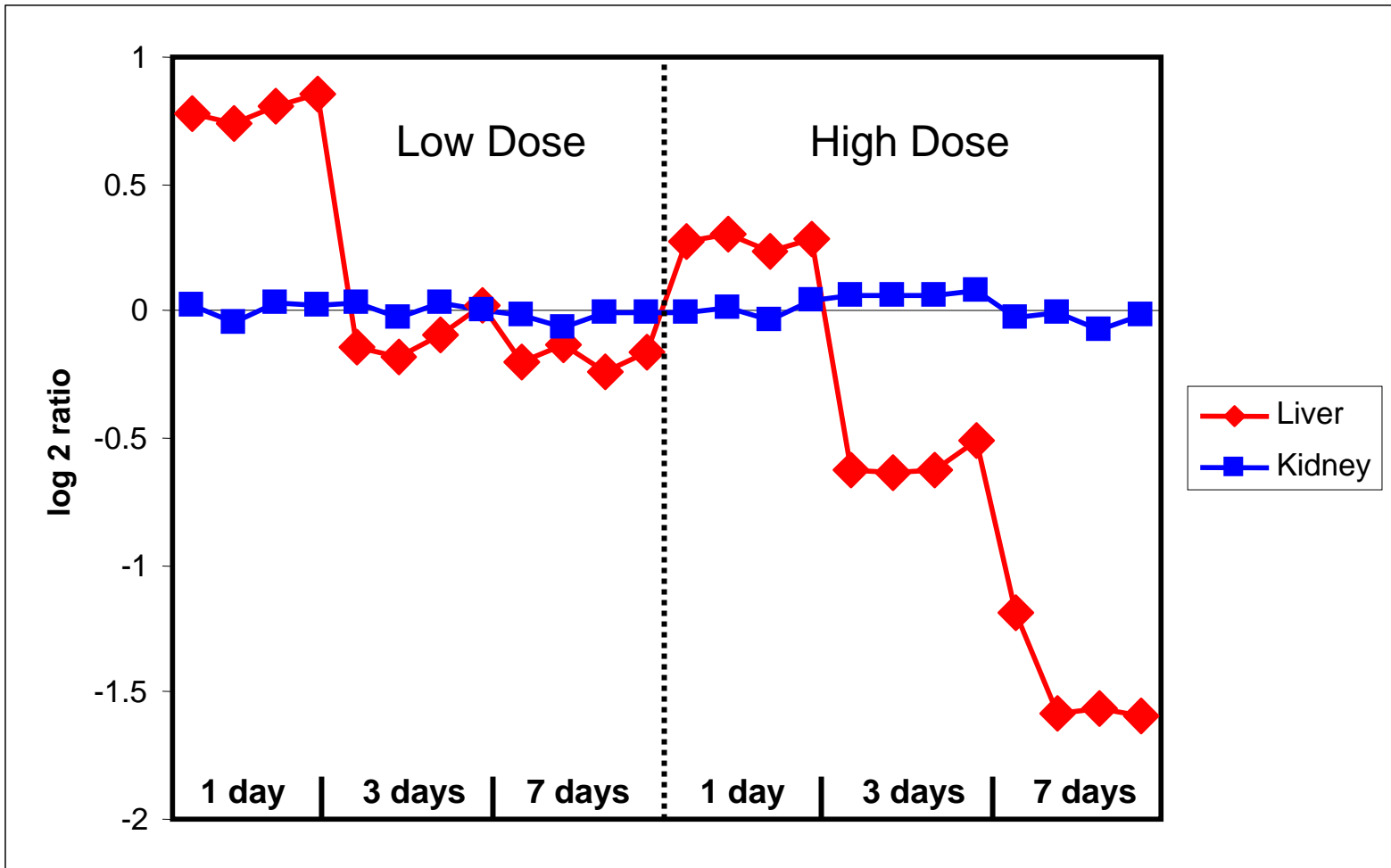
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BC081945	-1.03	1.02	1.26	1.41
NM_053523	1.13	1.27	-1.03	1.41
XM_342763	1.04	1.03	-1.18	-1.03
XM_217061	-1.07	1.07	-1.05	1.00
XM_215054	1.32	-1.05	1.23	2.34
NM_053425	-1.05	1.07	-1.23	-1.38
NM_053849	-1.30	-1.39	-1.05	-1.51
NM_176857	1.03	-1.03	-1.06	1.20
NM_031632	-1.08	-1.07	-1.02	1.22
NM_053359	-1.18	1.01	-1.20	-1.19
BC085801	-1.10	1.01	1.08	1.25
NM_175761	-1.04	-1.24	1.28	1.94
NM_022229	1.12	-1.07	-1.04	1.48
NM_031599	1.06	1.33	1.14	1.27
NM_013175	1.11	-1.01	-1.05	1.09
NM_053886	-1.26	1.11	-1.05	1.03
NM_022536	-1.27	-1.14	-1.35	-1.15
NM_013177	1.02	-1.13	-1.16	-1.09
XM_215751	1.06	-1.09	-1.03	1.09
NM_017290	-1.12	1.14	1.12	-1.30
BM383437	-1.29	-1.01	-1.04	-1.11
NM_031030	1.10	-1.00	1.04	1.07
XM_341596	-1.06	-1.31	1.01	-1.03
AI045347	1.01	1.01	1.13	1.22
AB062135	-1.07	-1.02	-1.05	-1.14
NM_012699	-1.19	1.16	1.06	1.14

High Liver 3 days Fold Change	High Liver 7 days Fold Change	Low Kidney 1 day Fold Change	Low Kidney 3 days Fold Change
1.38	1.87	1.01	1.06
1.30	1.37	-1.02	1.01
2.74	3.00	1.19	-1.10
1.35	1.74	1.04	-1.02
1.37	1.68	1.16	-1.10
4.47	4.84	-1.01	-1.02
1.88	2.50	1.04	-1.03
2.62	3.88	1.11	-1.03
2.10	2.95	1.07	-1.05
1.37	1.41	1.01	1.11
1.34	1.39	-1.06	1.07
1.88	2.86	-1.01	-1.00
1.51	1.63	1.06	-1.02
1.38	1.90	1.06	-1.09
1.34	1.82	-1.01	-1.06
1.39	1.84	1.00	-1.05
2.44	2.74	1.01	1.06
1.48	1.69	-1.13	1.08
1.41	1.73	-1.03	1.10
1.72	2.67	1.14	-1.15
1.53	1.56	1.06	-1.06
3.39	4.68	1.21	-1.14
1.90	3.74	1.03	-1.07
1.35	1.96	1.06	-1.15
2.65	4.14	1.08	-1.06
-1.45	-1.77	1.14	1.01
-1.39	-1.81	1.10	1.07
-1.29	-1.91	-1.09	1.02
-1.28	-3.60	1.10	-1.04
-1.28	-1.72	1.00	-1.04
-1.09	-1.02	-1.15	1.04
2.51	3.88	1.21	1.02
-1.25	-1.12	1.50	-1.74
1.05	1.30	1.09	-1.01
1.21	1.81	-1.11	-1.05
-1.35	1.34	-1.03	-1.20
-1.08	-1.29	1.30	-1.01
1.25	1.39	1.09	-1.16
3.38	1.89	1.10	-1.01
1.42	1.41	1.13	-1.01
1.41	1.48	1.12	-1.04
1.15	1.58	1.01	-1.07
-1.06	1.08	1.09	-1.07
1.09	1.23	1.23	-1.04
1.16	1.56	1.18	1.13
1.28	1.45	1.15	1.04

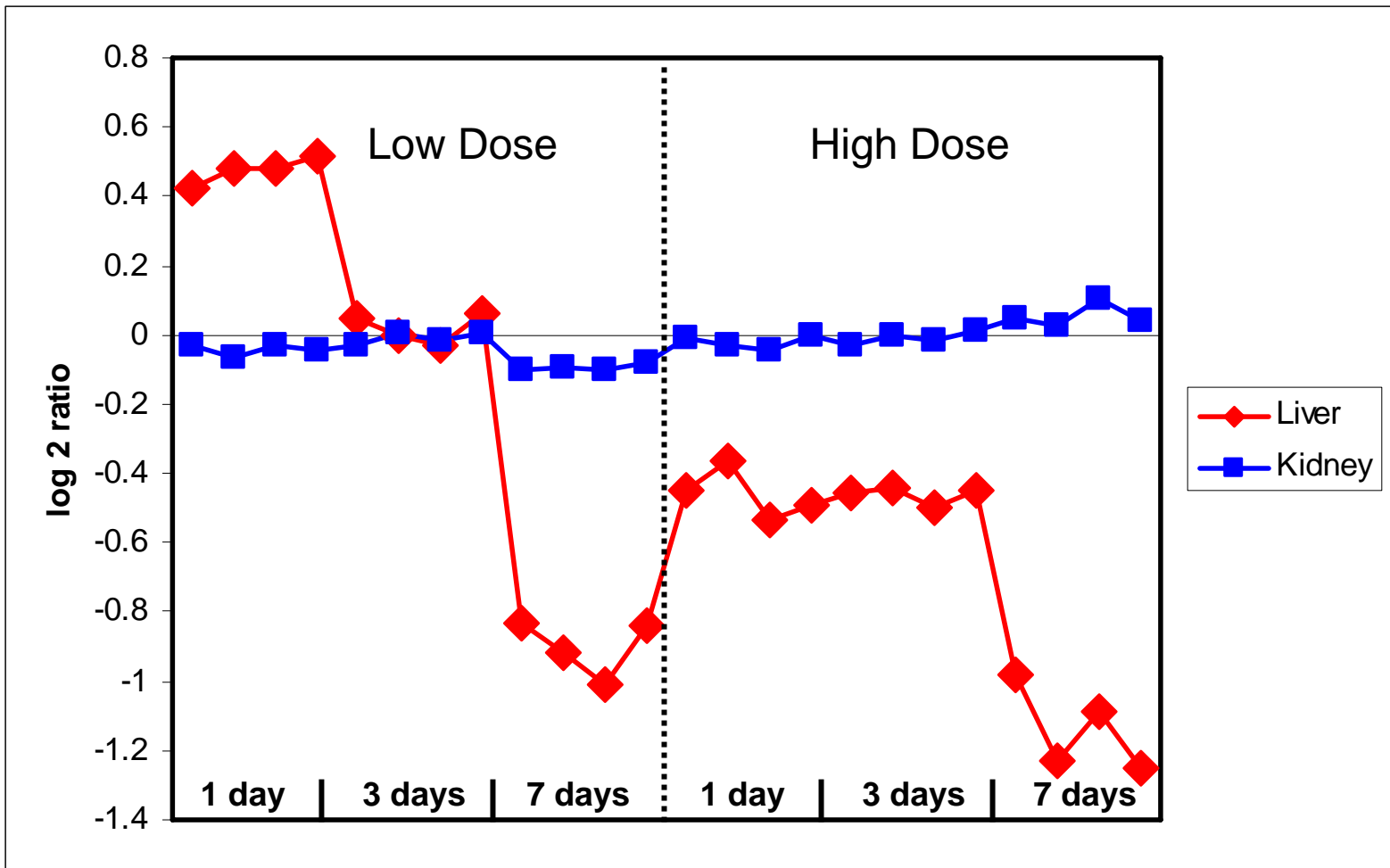
-1.20	-1.25	1.04	-1.08
-1.21	1.07	1.08	-1.15
1.04	1.11	-1.00	1.11
1.07	-1.24	1.42	-1.04
1.14	1.05	1.31	-1.11
-1.03	-1.34	1.08	1.01
1.28	1.30	1.16	1.01
-1.45	-1.20	1.05	-1.05
1.19	1.31	1.08	-1.04
-1.39	1.14	1.17	-1.17
1.31	1.43	1.19	-1.04
1.15	1.30	-1.09	1.01
-1.10	-1.50	1.01	-1.00
1.29	1.43	1.01	1.03
1.24	1.46	1.29	-1.05
1.54	2.20	1.20	-1.08
1.33	1.08	1.10	-1.02
-1.01	-1.02	1.02	-1.02
1.12	1.65	-1.03	-1.01
1.37	1.62	1.23	-1.15
-1.18	-1.17	1.11	-1.04
1.21	1.54	1.13	-1.05
-1.20	-1.26	1.09	1.01
1.36	1.62	1.12	-1.04
1.16	1.16	-1.00	1.02
1.16	2.02	1.13	-1.09
1.37	1.31	1.09	-1.05
-1.18	-1.29	-1.03	1.05
1.13	1.36	1.13	-1.09

Low Kidney 7 days Fold Change	High Kidney 1 day Fold Change	High Kidney 3 days Fold Change	High Kidney 7 days Fold Change	EPIG Profile
-1.01	1.06	1.12	1.09	6
-1.04	1.00	-1.08	1.07	6
1.08	1.27	-1.10	1.10	6
1.02	1.08	-1.08	1.04	6
1.03	1.15	-1.04	1.03	6
1.01	-1.00	1.01	1.02	6
1.01	1.02	-1.06	1.05	6
-1.13	1.05	-1.01	-1.02	6
1.12	1.11	-1.03	1.32	6
-1.03	-1.02	1.06	1.00	6
-1.01	-1.08	1.06	-1.02	6
1.06	1.05	1.01	1.19	6
-1.06	-1.09	-1.03	-1.02	6
-1.14	1.01	-1.01	1.02	6
-1.02	1.02	1.00	1.05	6
-1.11	1.05	-1.06	1.06	6
1.09	-1.02	-1.02	-1.01	6
-1.03	-1.02	1.07	1.06	6
1.03	-1.02	1.02	-1.02	6
-1.00	1.26	-1.11	1.15	6
1.06	1.01	-1.09	1.01	6
-1.08	1.26	-1.11	-1.24	6
1.06	1.20	1.05	1.15	6
1.00	-1.06	-1.23	1.03	6
1.01	1.03	-1.00	1.05	6
-1.08	1.13	1.07	1.01	1
-1.06	1.34	-1.04	1.01	1
1.01	-1.05	1.02	1.02	4
1.03	-1.15	-1.18	-1.40	4
-1.03	-1.02	-1.01	-1.01	4
1.02	-1.07	-1.02	-1.03	10
-1.15	1.27	1.21	1.06	16
1.47	1.44	-1.40	1.08	16
1.02	1.05	-1.12	-1.25	
-1.12	-1.09	1.02	-1.01	
1.23	1.06	1.13	1.31	
1.06	1.13	1.02	-1.09	
-1.02	-1.03	-1.09	-1.13	
1.02	1.06	-1.03	-1.01	
1.02	1.04	-1.02	1.01	
1.02	1.03	1.02	-1.01	
1.00	1.15	-1.06	1.03	
1.03	1.15	-1.06	1.08	
1.03	1.11	-1.14	-1.08	
1.16	1.13	-1.22	-1.05	
-1.01	-1.05	1.01	1.05	

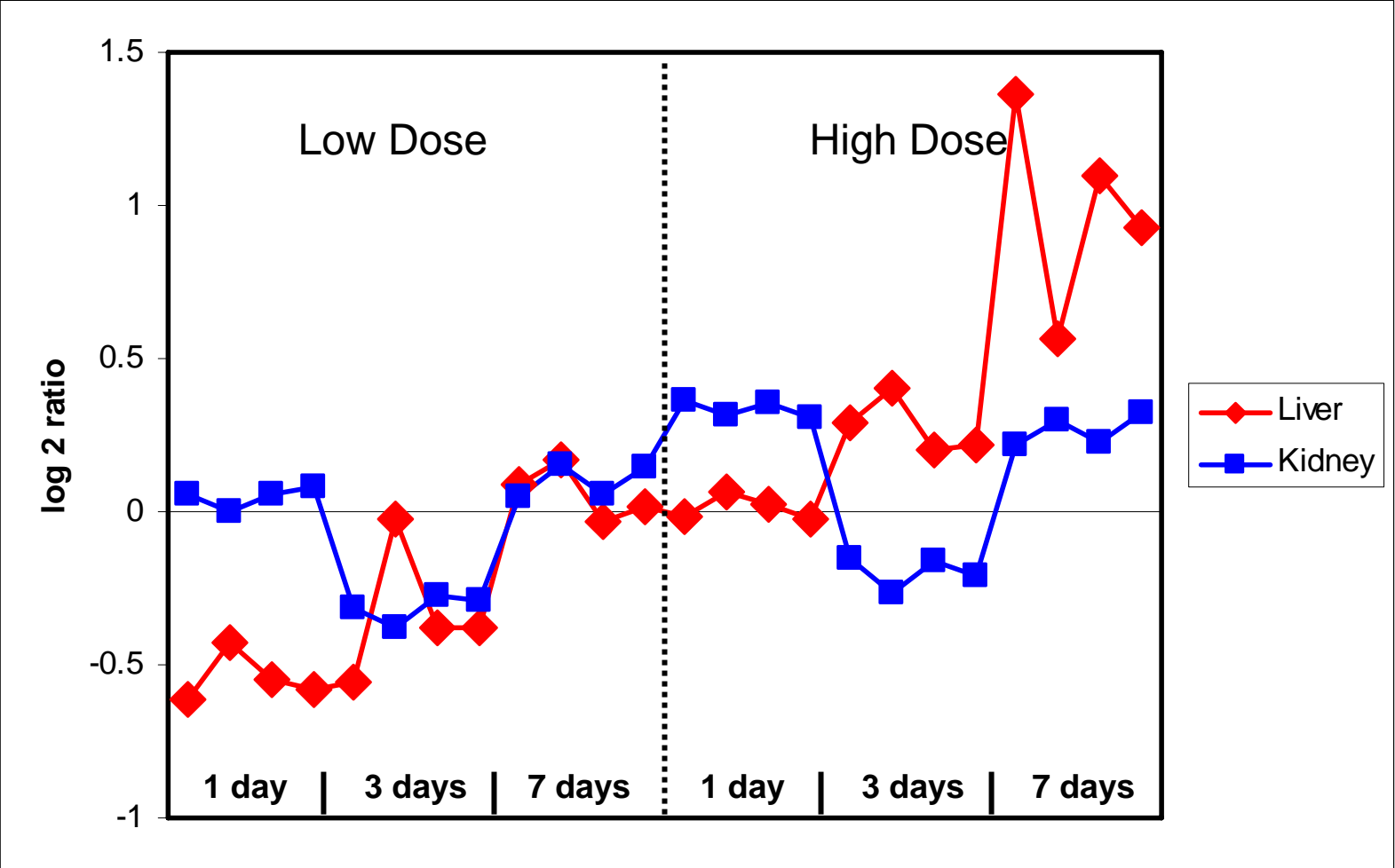
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-1.09	1.09	-1.15	1.10
1.05	1.03	1.08	1.11
-1.04	1.31	-1.07	-1.17
-1.01	1.34	-1.09	1.34
-1.07	-1.01	1.01	-1.10
-1.02	1.09	1.06	1.08
-1.26	1.11	-1.07	-1.11
-1.02	1.06	1.05	-1.06
-1.01	1.06	-1.14	-1.09
1.03	1.27	1.00	1.13
1.02	-1.03	-1.01	-1.02
-1.00	-1.02	-1.11	-1.01
1.03	1.05	1.05	1.07
-1.09	1.19	-1.29	-1.09
-1.08	1.19	1.09	1.14
-1.03	1.01	-1.06	-1.07
1.03	1.02	1.02	1.02
-1.05	1.08	-1.06	1.06
1.03	1.13	-1.12	1.02
-1.13	1.01	-1.06	-1.08
1.02	-1.04	-1.11	1.04
1.09	1.06	-1.05	-1.09
-1.06	1.08	-1.07	-1.12
1.03	1.00	1.01	1.07
-1.01	1.04	-1.11	1.04
1.08	1.04	-1.03	1.11
-1.05	-1.08	1.00	-1.03
1.01	1.36	1.01	1.20



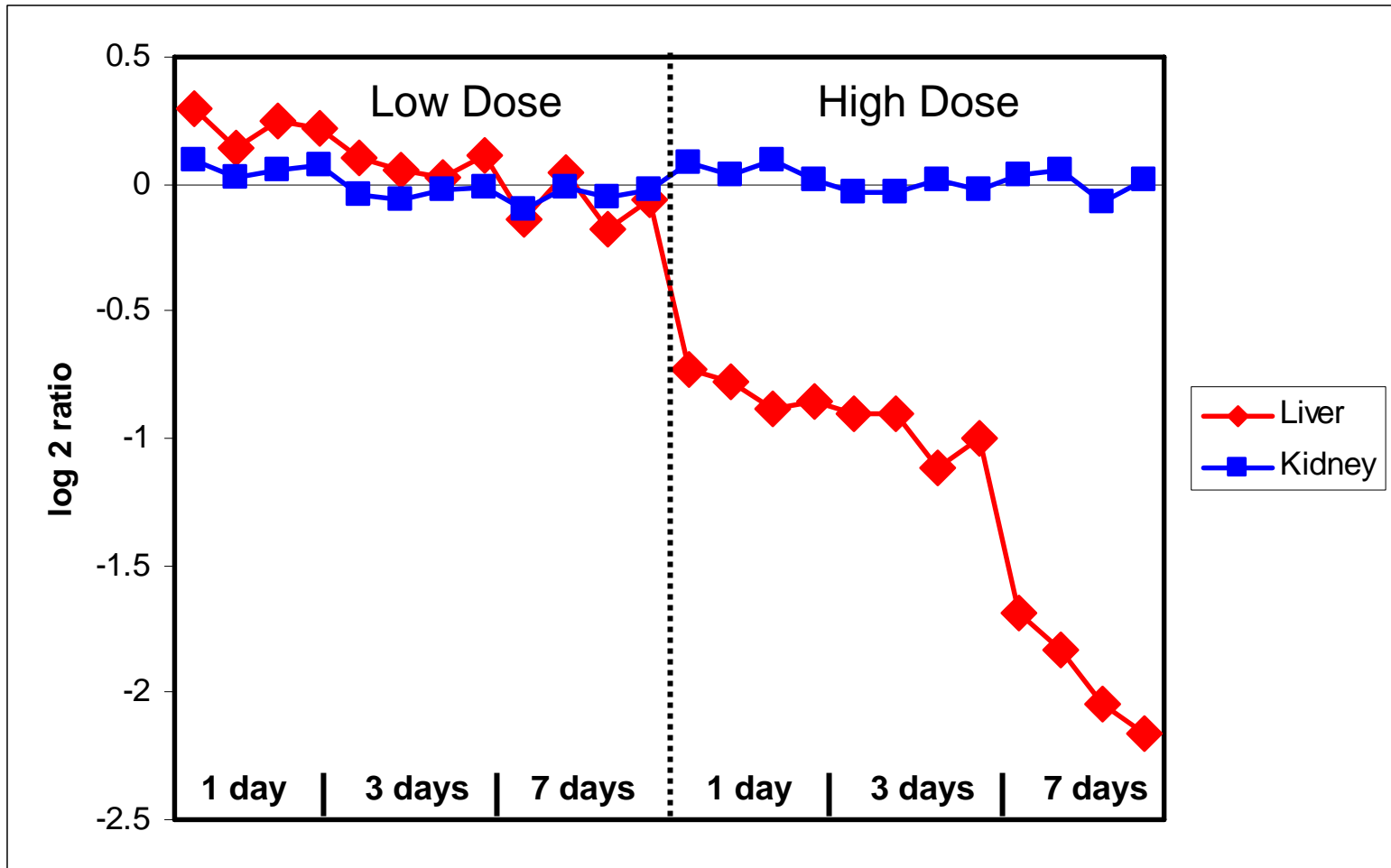
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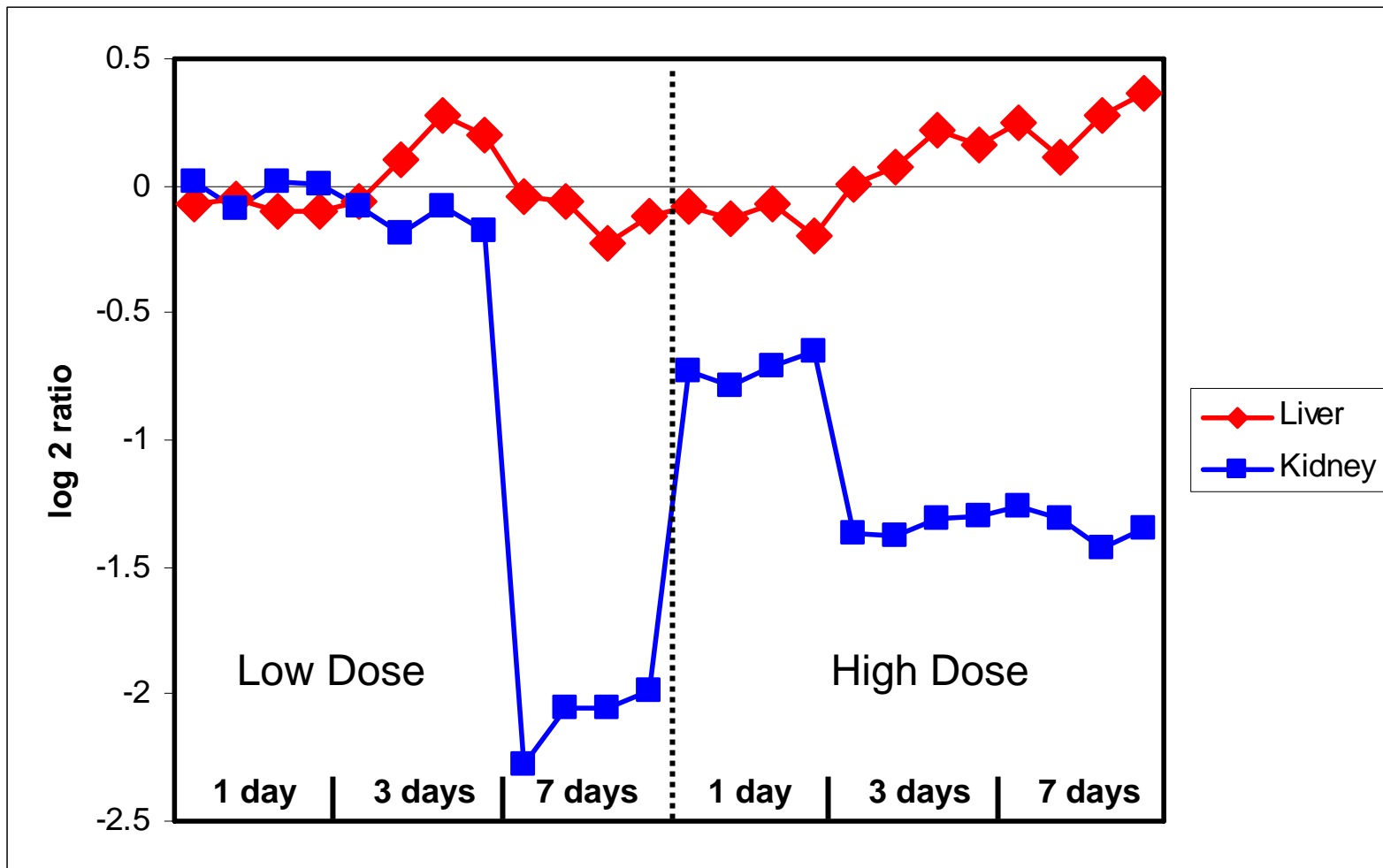
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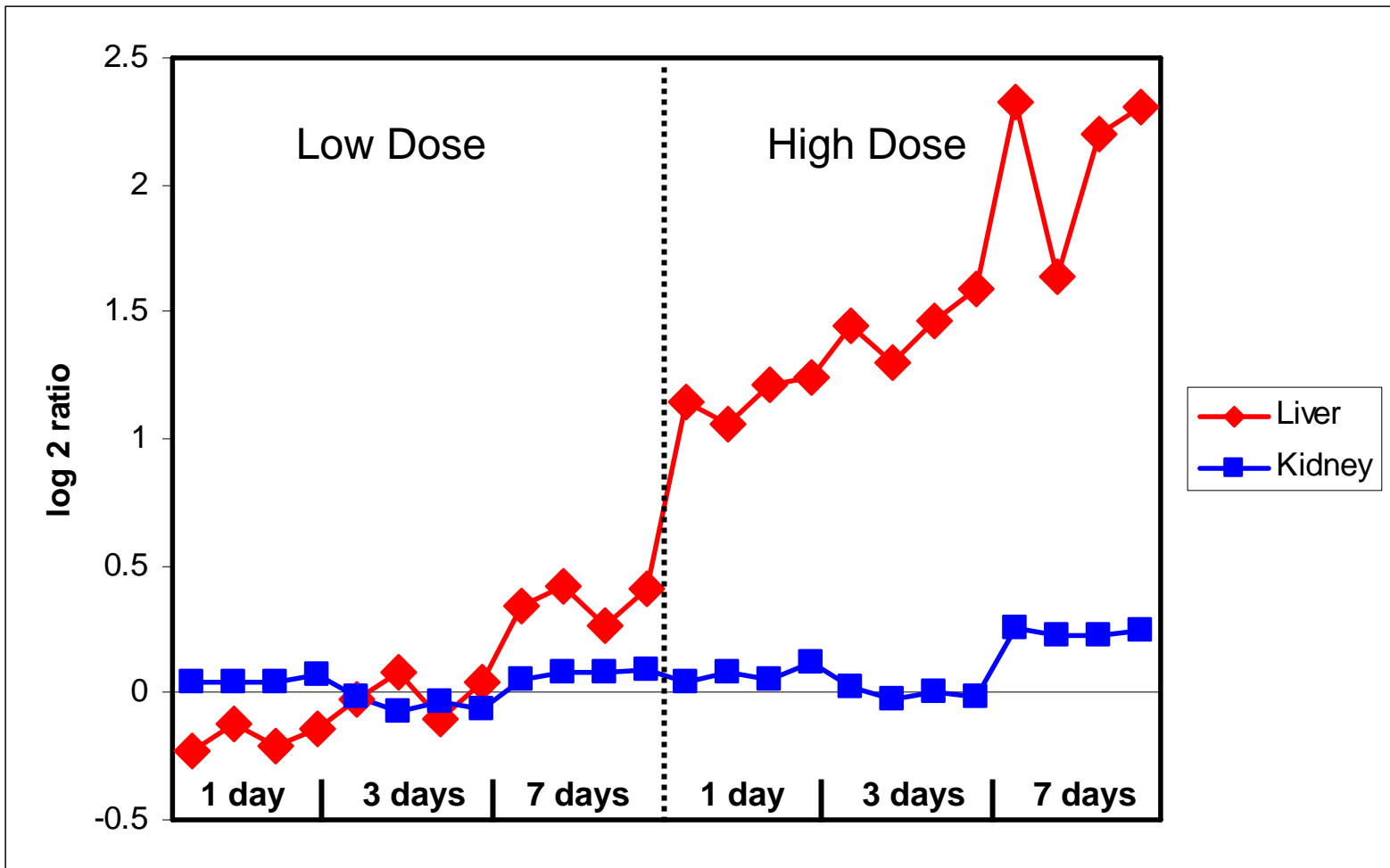
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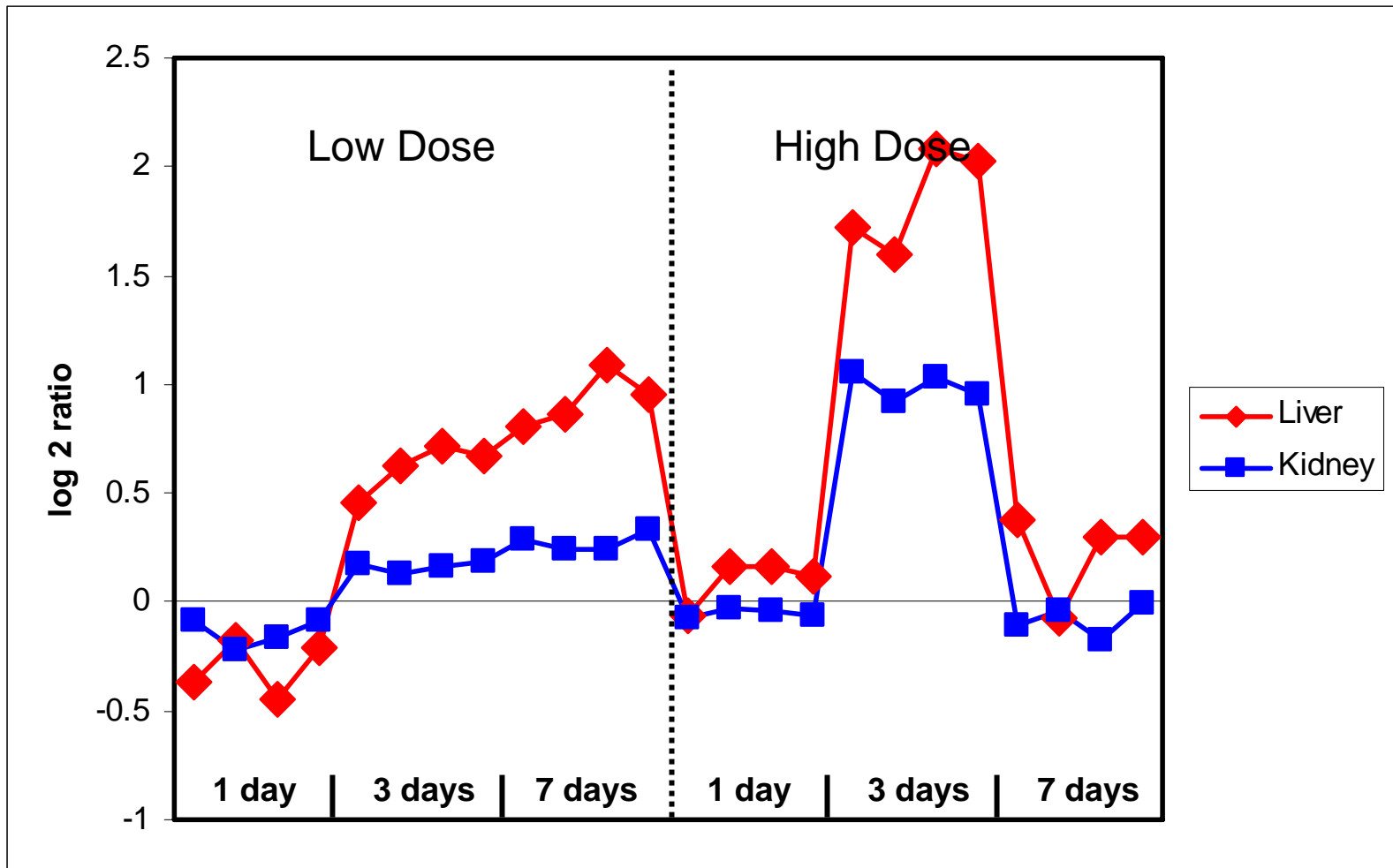
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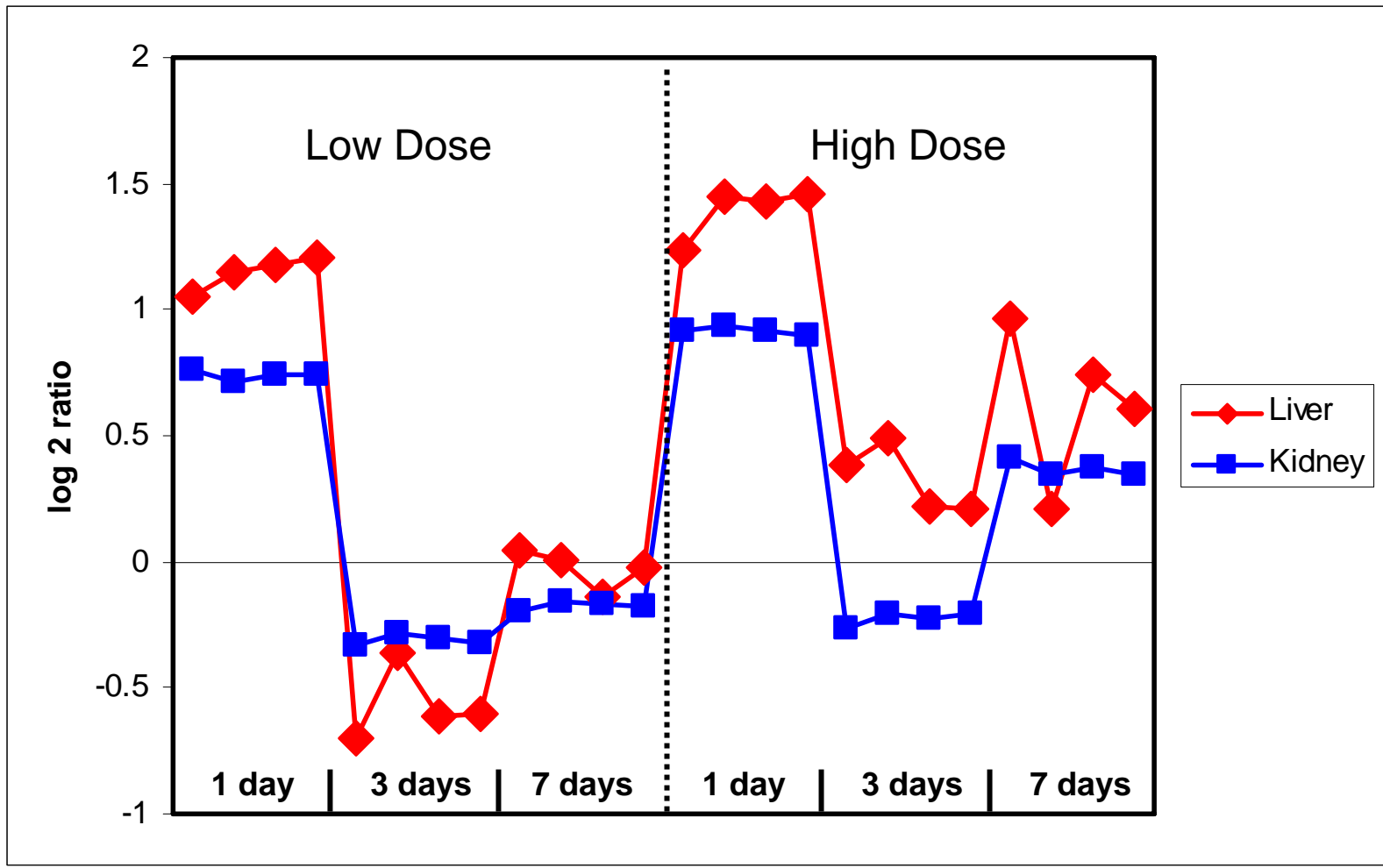
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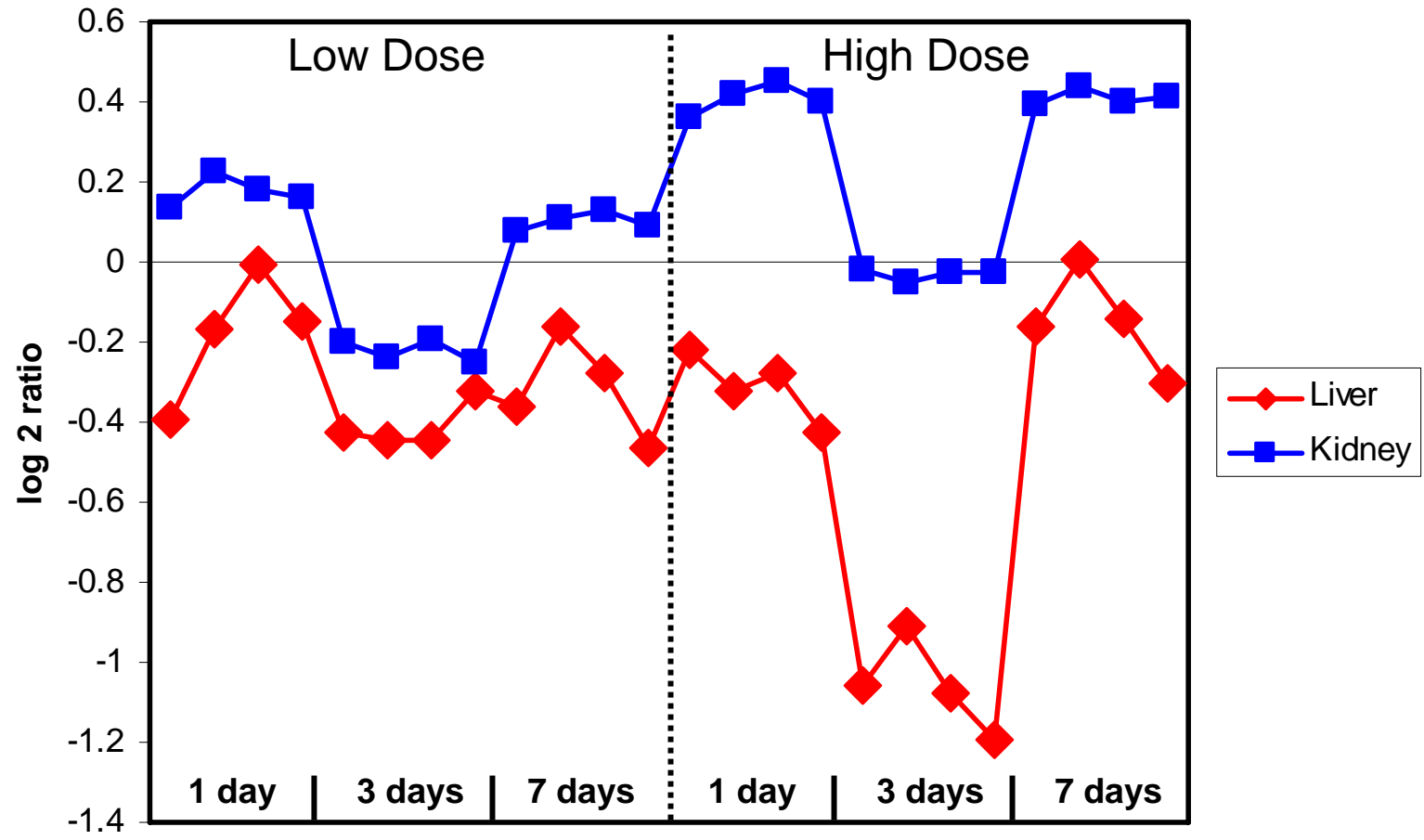
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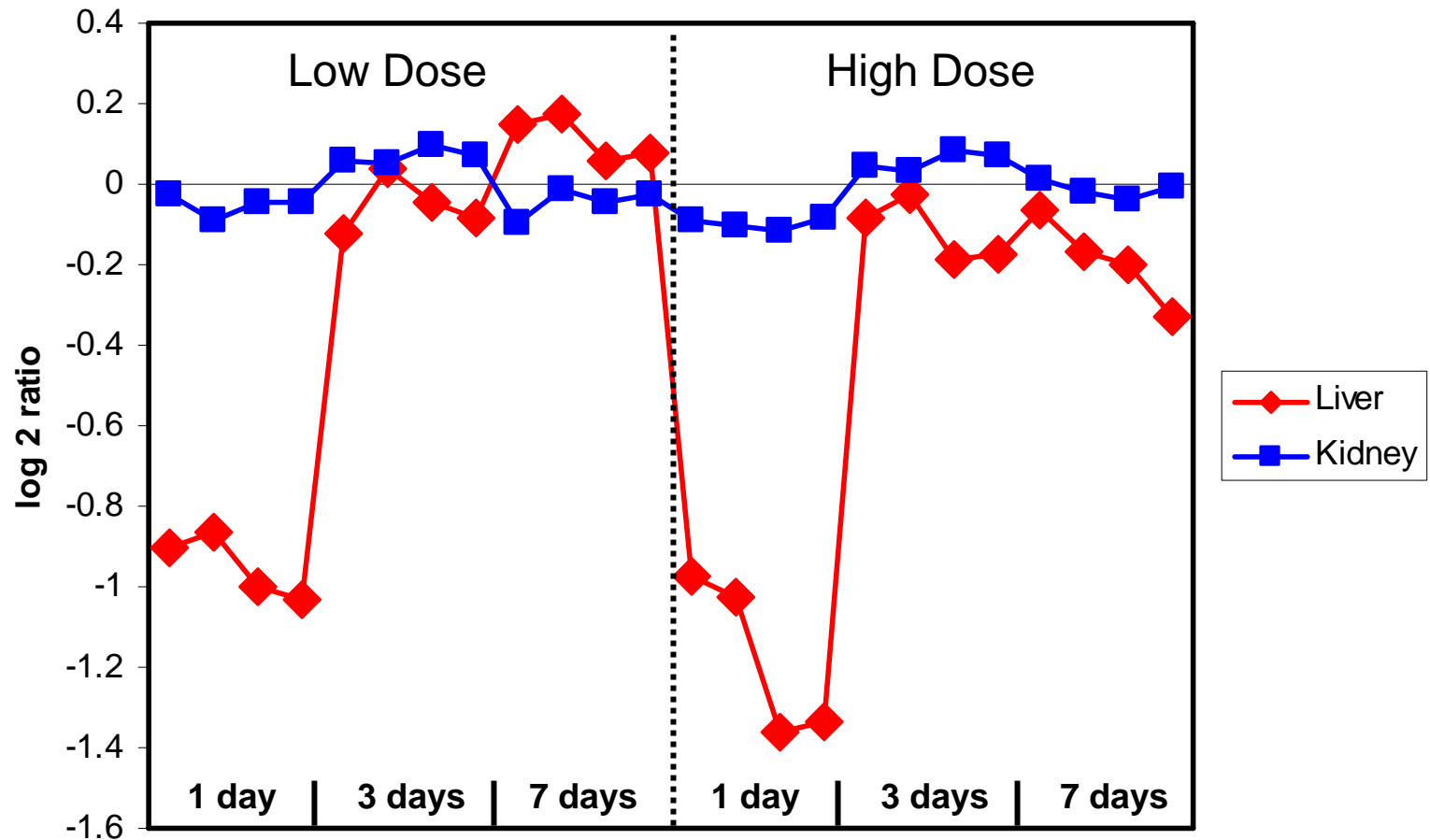
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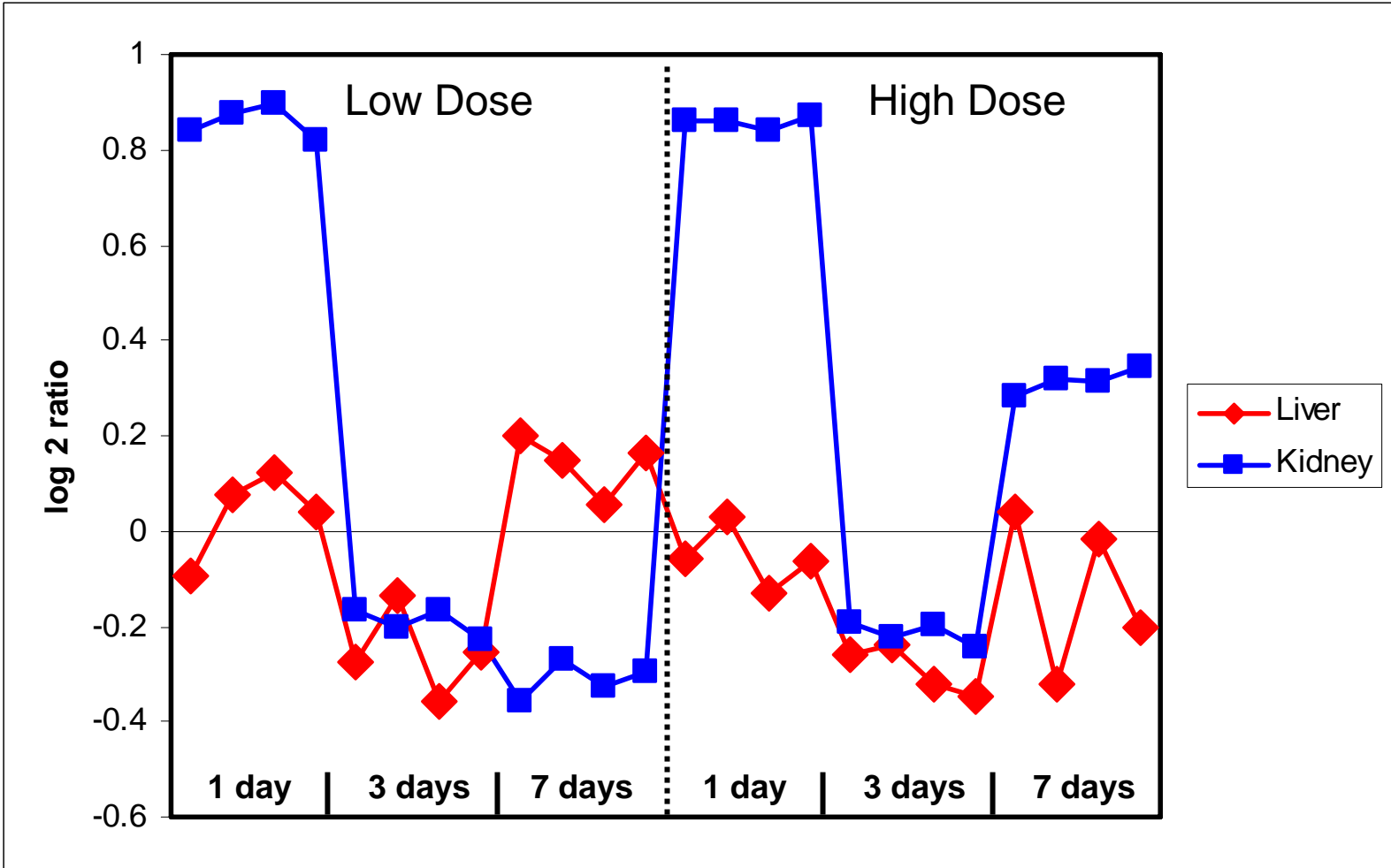
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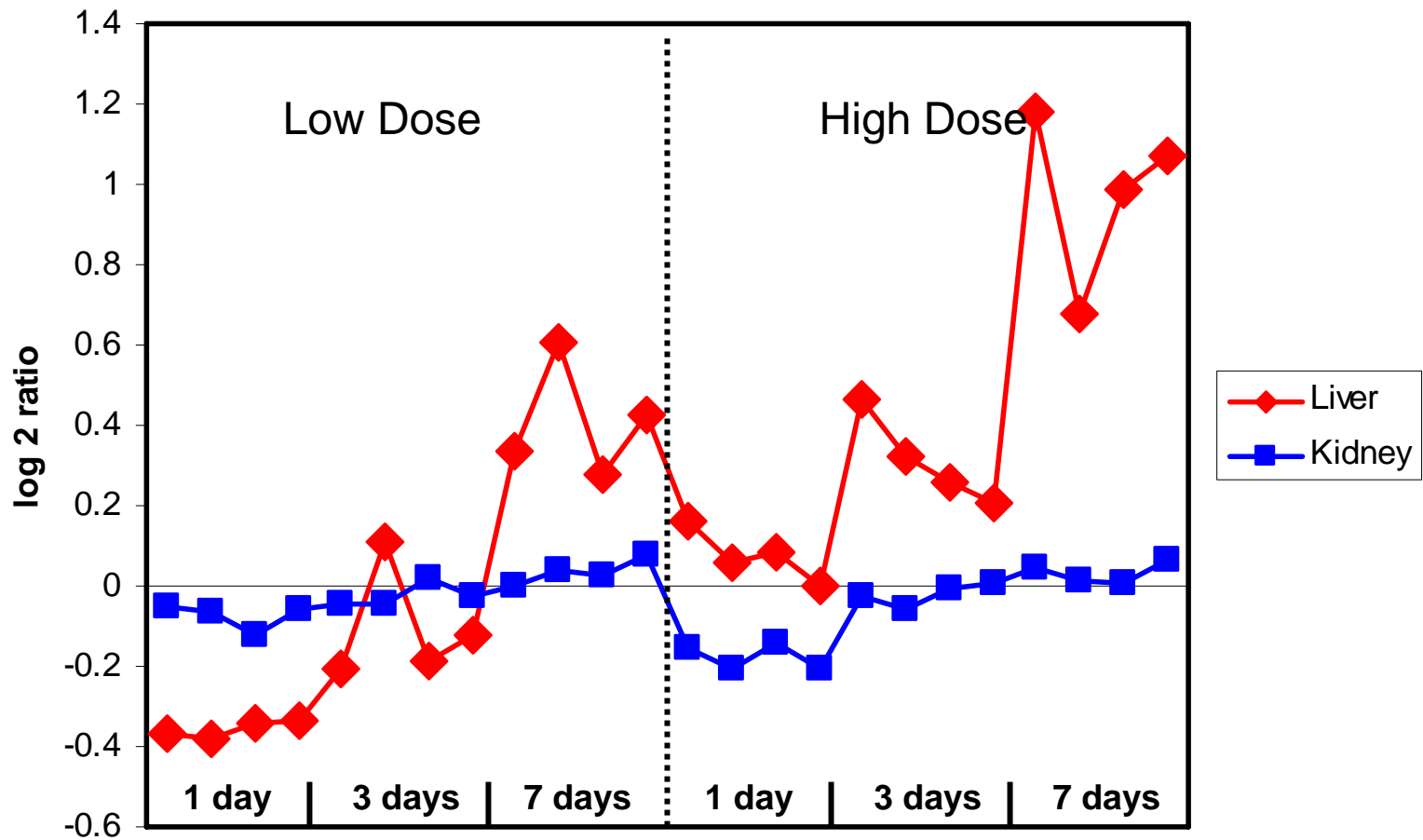
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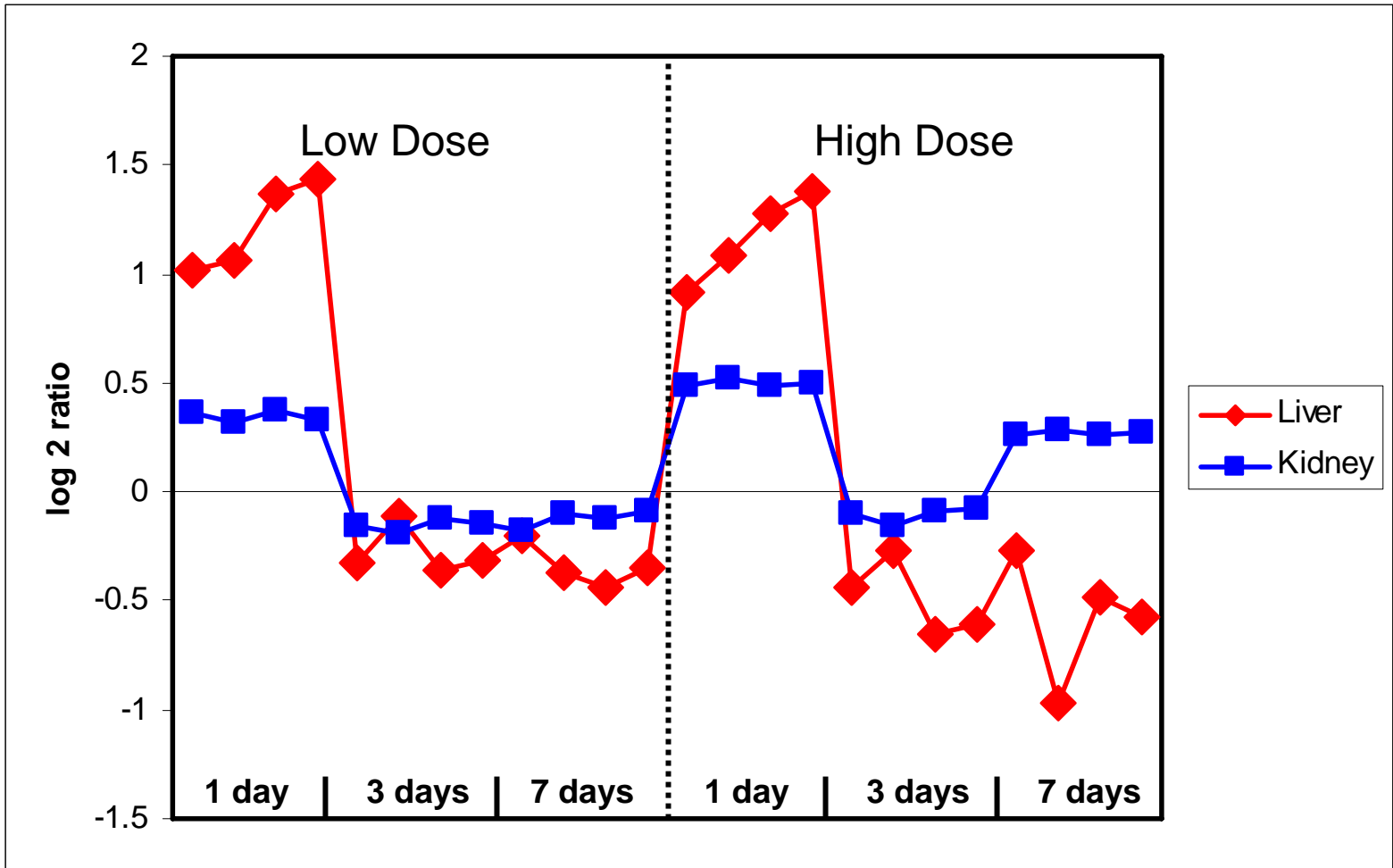
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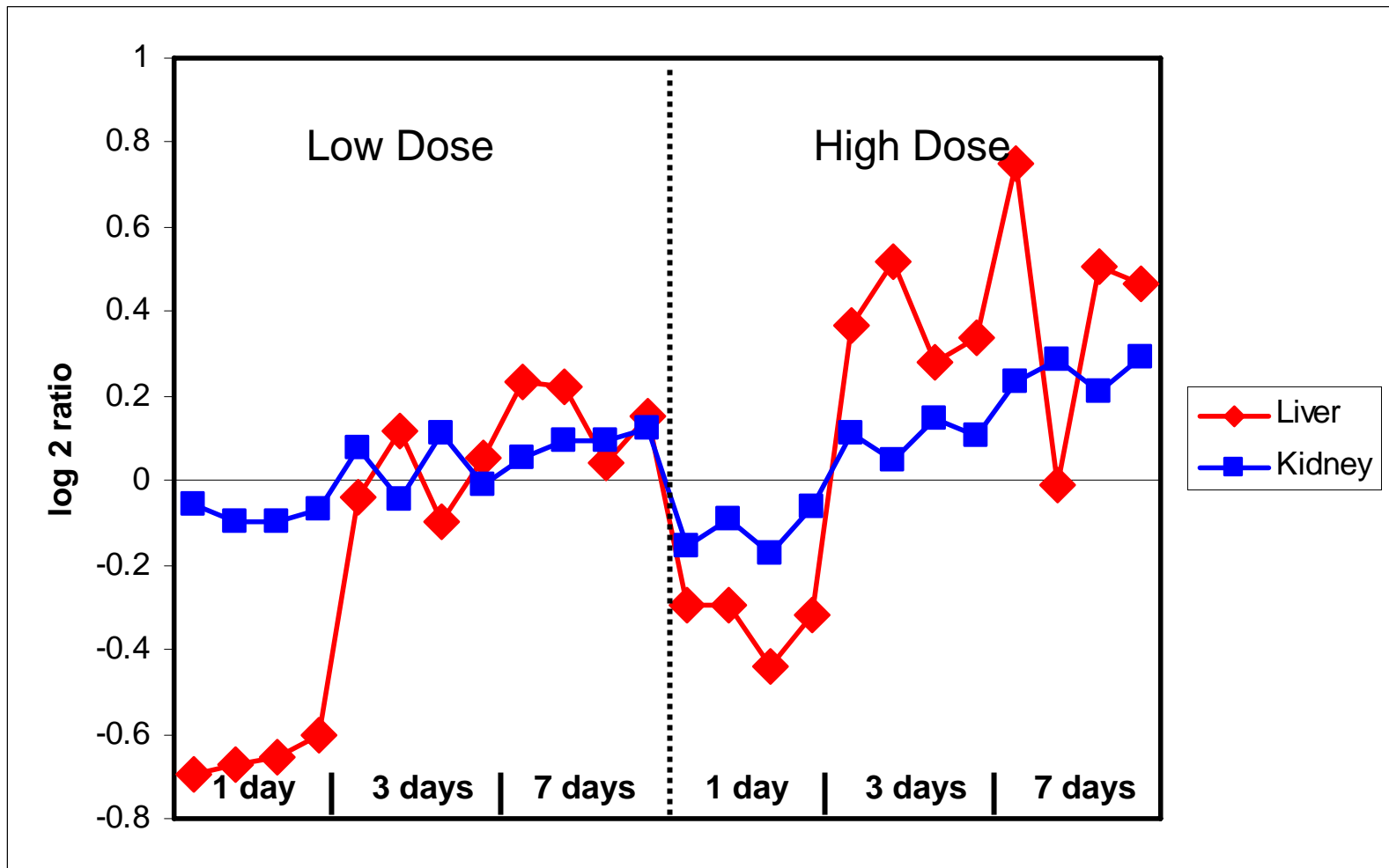
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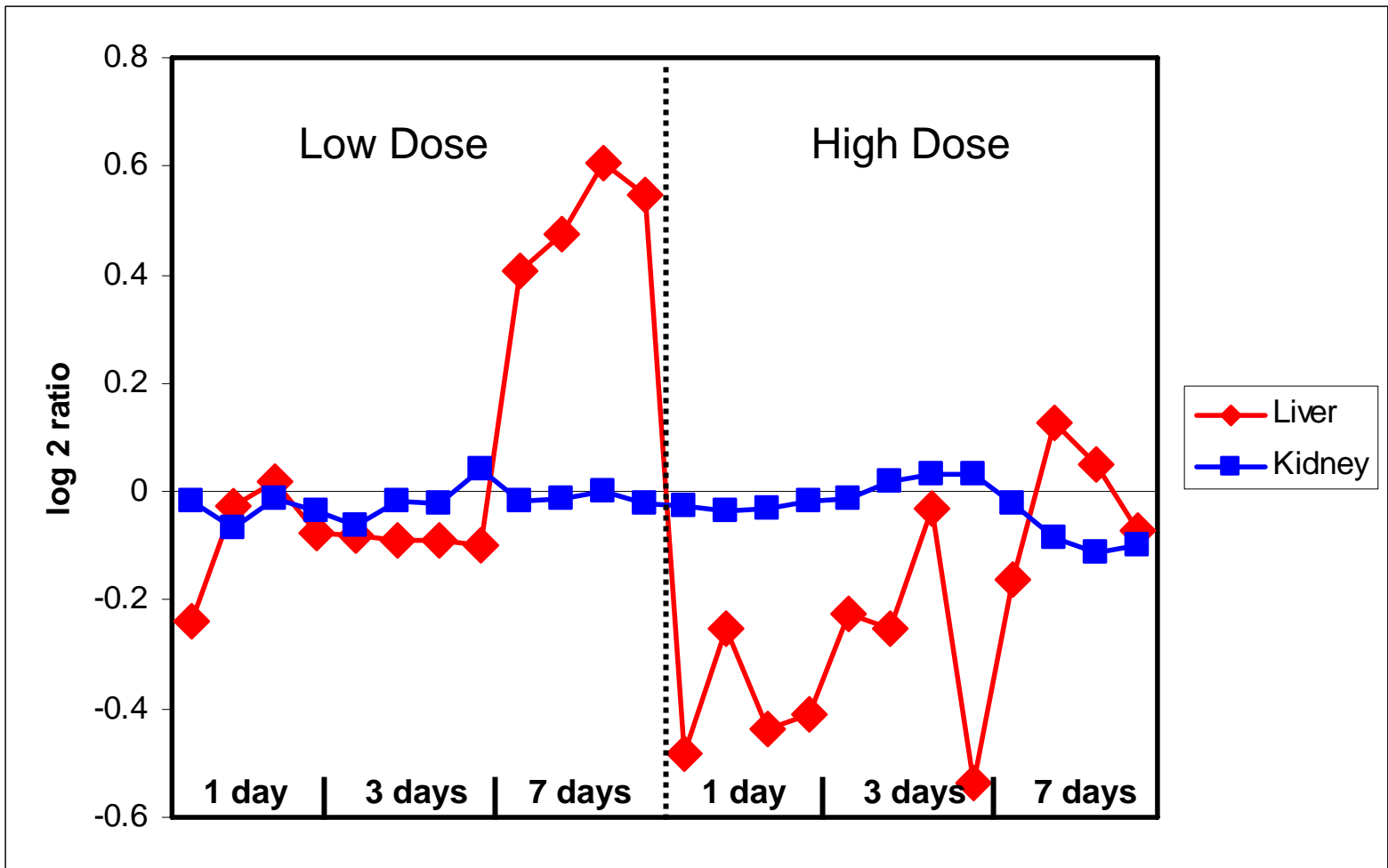
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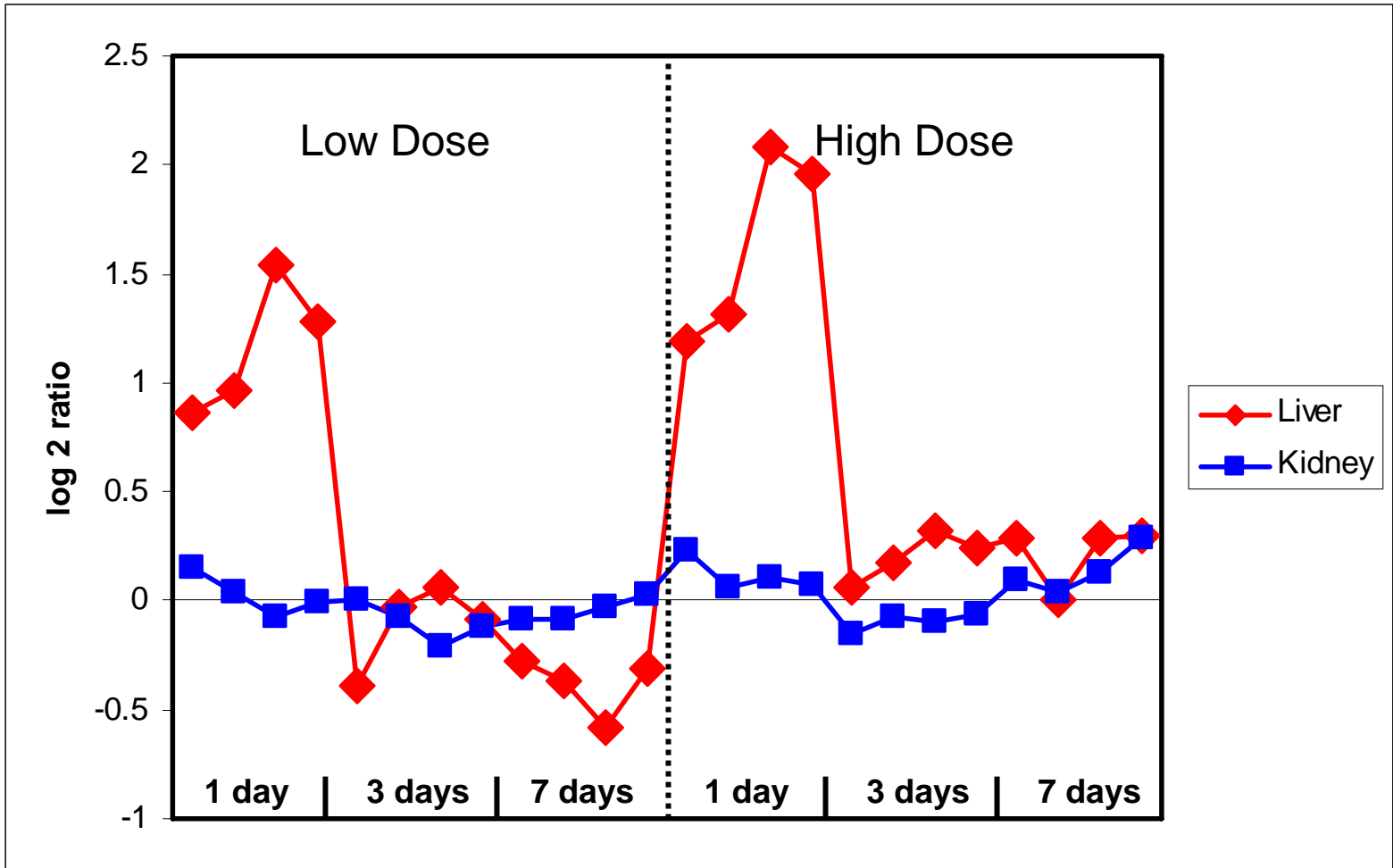
Pattern #13



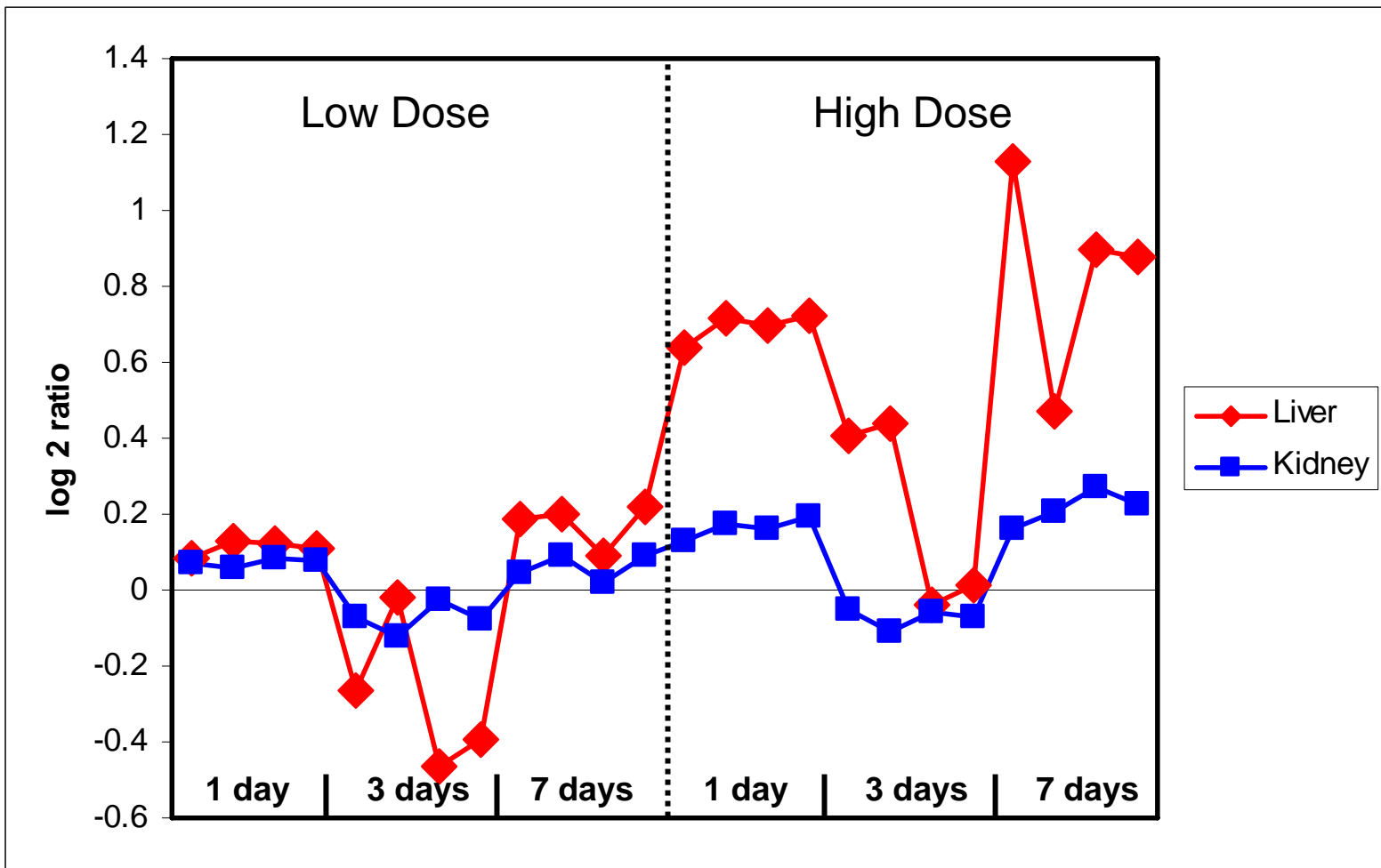
Pattern #14



Pattern #15



Pattern #16



Pattern #17

Probe ID	GenBank #	Sequence	Correlation	Magnitude	SNR	m_liver_lov	m_liver_lov	m_liver_lov
A_42_P76	BQ195671	Similar to M	0.98659	1.95074	23.86111	0.70665	0.63051	0.5921
A_42_P80	NM_02240	Tryptophan	0.97822	1.97954	22.05901	0.71562	0.56908	0.52183
A_43_P16	BQ203637	Caseinolyti	0.96305	1.92739	23.78097	0.64741	0.7489	0.85878
A_42_P79	AA818627	Insulin indu	0.96097	2.95156	36.18216	1.29003	1.44111	1.52776
A_42_P82	NM_01918	Cytochrom	0.95155	2.57535	31.12734	0.53164	0.30658	0.51413
A_42_P49	BQ199091	Transcribe	0.95077	1.23877	19.68412	0.38665	0.49322	0.578
A_43_P13	NM_05713	Nuclear rec	0.93865	3.74615	27.99994	1.32205	1.30342	1.58418
A_42_P49	AA819133	Transcribe	0.93171	1.38053	22.47257	0.75181	0.74236	0.65341
A_42_P80	NM_02310	Murinoglob	0.93114	2.1845	13.4469	0.49128	0.86945	0.33089
A_42_P57	AI012951	Peroxisom	0.92769	1.09811	10.60594	0.38836	0.18829	0.24661
A_43_P10	BI274533	Similar to F	0.92722	1.34457	11.42238	0.40426	0.51176	0.68531
A_43_P12	NM_02271	Steroid 5-a	0.92628	0.86898	11.97751	0.12881	0.08198	0.30061
A_42_P45	AA955991	Similar to F	0.92383	1.13621	9.96678	0.62779	0.4935	0.37796
A_42_P68	AI170446	Transcribe	0.92381	1.8404	20.55437	0.79869	0.58275	0.91506
A_42_P77	AW252132	Similar to C	0.92371	1.92791	16.85042	0.86967	0.52056	0.81909
A_43_P10	AI411137	Glycine-N-	0.92042	1.51952	10.25604	0.46175	0.36484	0.41256
A_42_P77	NM_01702	Interleukin	0.92023	1.79923	15.8406	0.91839	1.08834	0.95024
A_43_P15	M33747	UDP-glucu	0.91931	1.9049	17.04695	0.0851	0.2729	0.50476
A_42_P62	AA891949	Adenylate l	0.91842	1.82343	24.40832	0.36695	0.37715	0.42259
A_43_P11	BQ200884	Trans-golg	0.91746	1.04262	17.49977	0.40294	0.54106	0.5481
A_43_P14	BQ208479	CDNA clon	0.91692	1.34361	16.82708	0.59625	0.44714	0.59159
A_42_P60	BE349717	Transcribe	0.90729	0.90975	8.77092	0.11226	0.29894	0.58174
A_42_P80	BF566642	Data not fo	0.90616	1.03233	10.85358	0.30011	0.47873	0.36065
A_43_P11	BG378180	Alpha-man	0.90568	1.85901	16.34945	0.90217	0.85144	0.82287
A_43_P12	NM_02293	DnaJ-like p	0.90314	1.74704	20.12651	0.20564	0.11396	0.13358
A_43_P13	NM_13883	Solute carr	0.90196	1.33081	6.73426	0.38225	0.36394	-0.04146
A_42_P54	BF554836	Transcribe	0.90003	0.94651	9.00312	0.28566	0.37182	0.32353
A_42_P69	BM385177	Transcribe	0.89866	1.13421	10.05304	0.3657	0.12808	0.5832
A_42_P74	AW524532	Transcribe	0.89644	1.33087	11.58377	0.42546	0.33869	0.6673
A_42_P58	NM_01262	6-phosphol	0.89572	1.42687	15.72092	0.51866	0.55791	0.64637
A_42_P49	AW523679	Poly(rC) bir	0.89265	0.88575	10.77239	0.26875	0.23842	0.42522
A_42_P54	NM_01256	Group spec	0.88819	1.3079	12.40517	0.22229	0.27839	0.13293
A_42_P70	AI233877	Transcribe	0.88584	1.05061	6.87649	0.35441	0.22386	0.35133
A_43_P12	NM_05301	Arginine va	0.88361	2.39167	15.23784	0.87656	1.09828	0.93063
A_43_P15	U10698	Carboxyles	0.87798	1.45961	12.01036	0.37875	0.09118	0.42436
A_43_P10	BQ195908	Transcribe	0.8764	1.78321	12.06505	0.71175	0.75485	1.00358
A_43_P11	AA858647	Nucleoside	0.87545	0.75384	9.70453	0.05758	0.46139	0.29272
A_43_P12	NM_03112	Sulfite oxid	0.87479	0.63104	10.8372	0.19227	0.15423	0.21236
A_42_P67	AI231301	UDP-gluco	0.87254	0.89706	10.06019	0.31672	0.23125	0.22713
A_43_P17	BF555407	Tyrosylprot	0.87061	1.3119	7.89441	0.52723	0.15497	0.20607
A_42_P71	BM382990	RAN bindir	0.86948	0.76121	11.11888	0.03727	-0.01917	-0.03476
A_42_P50	NM_13890	Glutaminas	0.86753	1.33972	17.12192	0.24135	0.13964	0.26228
A_43_P12	NM_03102	Mitogen ac	0.86748	0.52792	8.08427	-0.02892	0.14513	0.1331
A_42_P66	NM_02165	Pleckstrin l	0.86724	0.81958	9.33709	0.22852	0.43052	0.45124
A_42_P49	AF452647	CPG2 prot	0.8646	0.91387	11.22328	0.2049	0.45022	0.43224
A_42_P57	AW918264	Transcribe	0.86256	1.5145	11.04084	0.89377	0.8933	0.93061
A_42_P66	NM_01257	Glutamate	0.86211	0.68204	8.41973	-0.03248	0.08892	0.13042
A_42_P46	AI578861	Myeloid/lyn	0.85677	0.81068	9.41599	0.29353	0.34845	0.61103
A_43_P12	NM_05298	Nuclear rec	0.8558	0.57943	6.01602	0.1332	0.13824	0.23765
A_42_P83	AI171249	Transcribe	0.85548	1.66704	14.36327	0.95567	0.47283	0.98616

m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov
0.72516	-0.21652	-0.23063	-0.20394	-0.04506	-0.08026	-0.05477	-0.29072	-0.16579
0.64349	-0.37272	-0.41379	-0.14883	0.02097	-0.12073	0.01262	-0.12077	0.05253
1.00067	-0.03668	0.02754	-0.16325	-0.07082	0.05205	0.12241	0.01762	0.0049
1.3631	-0.04568	-0.13638	0.06236	0.1062	-0.26707	-0.12953	-0.14955	-0.1828
0.5405	-0.04101	-0.14475	-0.01411	0.12127	-0.57971	-0.59835	-0.66322	-0.51775
0.56963	0.02662	-0.00876	0.18017	0.23002	0.0211	0.07096	0.22406	0.12275
0.34489	0.38052	0.40421	0.3014	0.57795	-0.09648	0.1936	-0.14417	0.10309
0.62878	0.03692	-0.02234	0.02322	0.09877	-0.14999	-0.0697	-0.14625	-0.03766
0.55591	0.03988	0.04236	-0.34501	-0.10582	0.26143	0.02129	0.26071	0.26947
0.32496	-0.28797	-0.06963	-0.35082	-0.19699	0.14721	0.01283	-0.26423	-0.05785
0.51987	0.10362	0.12764	-0.2493	-0.19741	-0.28825	-0.33387	-0.47545	-0.42192
0.31108	-0.32047	-0.18422	-0.10407	-0.08246	-0.01091	0.06787	-0.09767	0.07904
0.6047	-0.16767	-0.22915	-0.29928	-0.0114	0.2306	0.10739	-0.11998	0.07467
0.8769	-0.76974	-0.61549	-0.81117	-0.67043	-0.28107	-0.16159	-0.47468	-0.33516
0.83926	-0.27146	-0.28734	-0.47293	-0.11609	0.04566	0.28767	0.01714	0.21525
0.46757	0.27041	-0.05355	-0.45905	-0.1223	0.14057	0.02515	-0.33042	-0.14616
0.87183	-0.26125	-0.01174	-0.17981	-0.21743	0.39633	0.285	0.2288	0.30107
0.30588	-0.06014	0.25589	-0.13911	0.05796	0.29316	0.30054	0.06415	0.26712
0.34056	-0.0899	-0.02998	0.23192	0.2581	-0.37421	-0.3241	-0.5161	-0.38741
0.46378	-0.18808	-0.14919	-0.19098	-0.07544	-0.01596	0.11351	-0.02944	0.00181
0.42762	-0.14798	-0.13647	-0.38237	-0.27377	-0.07779	0.03148	0.02539	0.06379
0.48858	-0.13298	-0.03466	-0.25997	-0.18706	0.0567	0.11027	-0.20864	-0.10448
0.30841	-0.15795	-0.08222	-0.33276	-0.15475	-0.14799	-0.07547	-0.21497	-0.09378
0.83412	-0.57908	-0.53203	-0.95844	-0.75658	0.00987	0.09959	-0.21672	-0.20259
0.23609	-0.21235	0.09995	-0.07658	0.08019	0.21846	0.24216	-0.06616	0.09393
0.57607	0.17487	-0.43987	-0.47677	-0.26238	0.30352	-0.15611	-0.25108	0.00502
0.03449	-0.33065	-0.10101	-0.16564	-0.29518	-0.18225	-0.18128	0.00803	-0.16835
0.57331	0.03815	-0.15167	-0.34755	-0.04694	0.18415	0.03343	-0.04656	0.05451
0.5864	-0.44887	-0.11337	-0.21029	-0.36145	-0.36056	-0.46999	-0.74653	-0.38133
0.59074	-0.18662	0.03969	0.06188	-0.01058	-0.48377	-0.42184	-0.54981	-0.58433
0.32466	0.04141	0.02486	0.10909	0.20824	-0.10912	0.02252	-0.04047	-0.07552
0.41354	0.05592	-0.11343	-0.29132	0.03808	-0.23576	-0.36559	-0.40999	-0.09959
0.6702	-0.09549	-0.1812	-0.04849	0.19928	0.33549	0.49075	-0.11824	0.1334
0.9785	-0.26573	-0.09707	0.07176	-0.01645	0.03243	-0.07565	-0.15079	-0.02659
0.50489	0.17942	0.17817	0.12331	0.37277	-0.23041	-0.2898	-0.49847	-0.21439
0.3905	0.01124	0.86144	0.2637	-0.02525	-0.64669	-0.28602	-0.42181	-0.40377
0.20671	0.05499	-0.0077	-0.083	-0.06072	-0.22047	-0.10371	-0.10798	-0.16658
0.3763	0.01814	-0.07849	-0.10996	-0.10799	0.11242	0.11728	0.18341	0.16865
0.15493	0.18346	0.18075	-0.11334	-0.02351	0.01988	-0.03723	-0.16603	0.13424
0.57862	-0.04876	-0.25524	-0.04555	-0.01893	0.40332	-0.04913	0.00602	0.28982
-0.07261	-0.23092	-0.14598	-0.17703	-0.13432	0.0031	-0.07435	-0.06602	-0.09217
0.27459	0.08096	-0.03102	0.03312	0.14901	0.09028	0.31682	0.05012	0.19369
0.14749	-0.10728	0.0376	-0.07602	0.02109	0.00798	0.00255	0.06713	-0.02455
0.23558	-0.16705	0.0786	-0.06155	-0.15899	-0.31795	-0.06062	-0.1766	-0.23663
0.18443	-0.17909	-0.09912	-0.02905	-0.13732	-0.26211	-0.30621	-0.2338	-0.24068
0.91618	-0.15298	0.01516	-0.26216	-0.2697	0.1271	0.17005	-0.19246	0.02556
0.0886	-0.1763	-0.10748	0.04913	0.1363	-0.27205	-0.10019	-0.27754	-0.18292
0.3241	-0.30526	-0.1287	-0.42935	-0.36551	-0.02879	0.01817	-0.0995	-0.16721
0.41997	-0.04454	-0.10115	-0.25552	-0.12264	0.01213	-0.18128	-0.26008	-0.13196
1.14484	-0.26589	-0.12317	-0.32552	-0.30354	-0.19738	-0.19823	-0.27571	-0.31283

m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç
0.50201	0.51593	0.22706	0.49242	-0.5682	-0.53547	-0.66727	-0.57077	-0.89971
0.28159	0.26679	0.20726	0.11627	-0.77881	-0.89345	-0.56093	-0.38168	-1.04362
0.08159	0.19164	0.09636	0.24256	-0.55887	-0.55249	-0.69561	-0.60412	-0.70333
0.48717	0.46286	0.5018	0.51794	-0.27932	-0.30081	-0.16567	-0.13937	-1.46724
0.00579	0.07379	0.12444	0.02786	-0.9421	-0.89748	-1.02719	-0.83321	-1.79938
0.25082	0.39409	0.29188	0.27299	-0.40231	-0.30352	-0.25724	-0.24336	-0.63136
0.28378	0.2908	0.17692	0.26032	-0.31559	-0.335	-0.4984	-0.29184	-2.4955
0.49142	0.49303	0.41352	0.47825	-0.11508	-0.09173	-0.16342	-0.00347	-0.41643
-0.15703	-0.12299	-0.27388	-0.21966	-0.95836	-0.9186	-1.25633	-1.01519	-1.09515
0.27341	0.30258	0.13788	0.31541	-0.37838	-0.26463	-0.69208	-0.51042	-0.33526
0.29305	0.34427	0.35736	0.41473	-0.33352	-0.17761	-0.8284	-0.76489	-0.62042
0.12816	-0.02847	0.00101	0.0217	-0.346	-0.44693	-0.31265	-0.38035	-0.58752
0.22067	0.09468	-0.04595	0.19803	-0.16693	-0.37065	-0.45688	-0.11627	-0.1981
0.46247	0.241	0.24496	0.39992	-0.72409	-0.76414	-1.01533	-0.85338	-0.75282
0.51059	0.21069	0.27305	0.43306	-0.87358	-1.06363	-1.3245	-1.15466	-0.92565
0.34312	0.09448	0.06159	0.38798	-0.14556	-0.32188	-1.01487	-0.63615	-0.7206
0.5766	0.70404	0.58055	0.57462	-0.77195	-0.4746	-0.89381	-0.84746	-0.55245
0.53363	0.59941	0.85498	0.67434	-0.40544	-0.40446	-0.77944	-0.6689	-0.86564
-0.08693	-0.01857	-0.097	-0.18783	-0.40674	-0.3262	-0.19261	-0.18601	-1.2439
-0.06614	0.07452	0.05318	-0.0042	-0.40051	-0.35341	-0.43483	-0.40478	-0.27522
0.16099	0.17699	0.20022	0.15436	-0.6902	-0.58657	-0.99992	-0.90475	-0.70268
0.23978	0.24552	0.01678	0.18309	-0.368	-0.39473	-0.59442	-0.50659	-0.21414
0.3059	0.07122	0.06532	0.05415	-0.40062	-0.42837	-0.6737	-0.54817	-0.36751
0.17204	0.01105	0.01055	0.02117	-0.79389	-0.90761	-1.31816	-1.00579	-0.59512
0.84253	0.7203	0.68094	0.57095	-0.45855	-0.46286	-0.54356	-0.37095	-0.66921
0.20139	-0.05516	-0.51927	0.3879	-0.32594	-0.47474	-0.81146	-0.59738	-0.55002
-0.03096	0.22424	-0.06591	-0.13327	-0.54603	-0.03325	-0.23055	-0.32577	-0.68453
0.05531	-0.14401	-0.21655	0.15027	-0.27247	-0.38102	-0.79543	-0.70947	-0.62418
-0.02797	0.25272	0.18546	0.42915	-0.27475	-0.32722	-0.51366	-0.62411	-0.41169
-0.00456	0.05138	0.0299	0.14613	-0.2537	-0.19159	-0.51541	-0.46913	-0.61855
0.13609	0.19927	-0.06058	0.29935	-0.25272	-0.35862	-0.22998	-0.16303	-0.39931
-0.003	-0.12736	-0.07818	-0.08749	-0.42051	-0.64479	-0.613	-0.17629	-0.51738
0.33042	0.01048	-0.11222	0.23114	-0.283	-0.60407	-0.46588	-0.15724	-0.17762
-0.46262	-0.23871	-0.39819	-0.36614	-0.61774	-0.6837	-0.51825	-0.61927	-1.21739
0.33838	0.3526	0.29344	0.47	-0.11172	-0.08891	-0.33632	-0.11034	-0.67866
0.4853	0.53376	0.5144	0.34077	-0.59905	-0.1866	-0.7351	-0.74865	-0.76367
0.26804	0.24365	0.34798	0.34337	0.02519	-0.07164	-0.18003	-0.08051	-0.32135
0.00532	0.02767	0.02568	-0.01947	-0.27349	-0.14852	-0.50692	-0.51548	-0.32127
0.3662	0.40257	0.40598	0.46573	-0.38701	-0.23787	-0.72939	-0.5935	-0.14336
0.20289	0.13934	0.00755	0.22044	-0.55488	-0.69472	-0.84032	-0.71846	-0.53561
0.11962	0.19822	0.07298	0.19997	-0.47475	-0.27601	-0.69543	-0.59051	-0.44495
0.07267	-0.00866	0.08162	0.10331	-0.47341	-0.47761	-0.60477	-0.51178	-0.89944
-0.04202	0.12591	0.09418	0.15254	-0.34287	-0.18259	-0.11858	-0.23212	-0.26014
-0.1097	0.10931	-0.13305	-0.03647	-0.36008	-0.26665	-0.32663	-0.41259	-0.28258
-0.12037	-0.015	0.00268	-0.12873	-0.28643	-0.02754	-0.26748	-0.41999	-0.62957
0.15238	0.17406	-0.1446	0.00275	-0.40392	-0.40124	-0.62876	-0.63356	-0.20131
0.03891	-0.02564	0.01718	0.0187	-0.3389	-0.47752	-0.19725	-0.05786	-0.26014
-0.0615	0.07445	-0.04825	0.02938	-0.31056	-0.17375	-0.58822	-0.47382	-0.24788
0.15843	0.23331	0.18912	0.33734	-0.14112	-0.06723	-0.5285	-0.39154	-0.08276
0.03135	0.15981	0.19218	0.26883	-0.48051	-0.40483	-1.2302	-0.99313	-0.46945

m_liver_hiç	m_liver_hiç	m_liver_hiç	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
-1.56031	-1.29425	-1.39429	-0.11661	-0.13101	-0.0792	-0.02058	-0.01119	-0.14185
-1.4387	-1.50581	-1.48001	0.01734	0.00396	-0.01056	-0.02394	-0.02251	-0.03542
-1.54453	-1.11768	-1.08824	0.18591	0.10732	0.14232	0.21542	0.04233	0.01572
-1.49313	-1.60468	-1.61918	0.10256	-0.12838	0.06366	0.0222	0.13427	-0.01411
-1.89186	-2.32001	-2.39732	-0.0531	-0.05622	0.02983	-0.06155	0.02783	0.02405
-0.6779	-0.68329	-0.93504	0.13385	0.17828	0.19036	0.03868	0.05184	0.09642
-2.30807	-2.79092	-2.83555	0.53517	0.43247	0.36455	0.39949	-0.11825	-0.14958
-0.87731	-0.74609	-0.70592	-0.0666	-0.07066	0.01393	-0.08224	-0.06052	-0.08989
-2.05034	-1.65872	-1.68627	0.0797	0.10374	0.34287	0.17307	-0.42064	-0.08806
-1.16356	-0.87456	-0.87084	0.17234	0.06693	0.17162	0.14872	-0.06366	-0.1562
-0.68096	-0.83122	-1.12447	-0.08325	-0.00148	0.09625	-0.05425	0.20492	0.15965
-0.5524	-0.70303	-0.81051	-0.07196	-0.16212	-0.17656	-0.06266	-0.03024	0.08702
-0.93507	-0.69973	-0.60799	0.05095	0.04239	0.08892	0.09028	-0.06575	-0.13429
-1.03807	-1.16365	-1.23367	-0.13809	-0.24205	-0.21627	-0.11067	-0.22893	-0.14409
-1.02225	-1.25989	-1.45525	0.15504	0.00868	0.0272	0.08711	-0.21343	-0.12363
-1.07854	-1.30516	-1.26706	0.11205	0.35742	0.14877	0.10816	0.33678	0.1878
-1.12584	-0.76684	-0.92299	0.14849	0.32653	0.11509	0.15363	0.00898	-0.01385
-1.18412	-1.25845	-1.64902	0.05992	0.08534	0.00898	0.01023	0.02931	0.09846
-1.34788	-1.52045	-1.67423	-0.08403	0.08197	0.01958	-0.08465	0.1629	0.20672
-0.6687	-0.5674	-0.70327	0.22348	0.20637	0.21517	0.17924	-0.06725	-0.07223
-0.61452	-0.89144	-1.10321	-0.09484	4.20E-04	-0.04098	-0.11334	0.05487	0.0197
-0.74391	-0.5368	-0.66263	-0.04421	0.13648	-0.02278	0.07512	0.09853	0.01613
-0.67363	-0.76034	-0.87994	-0.1279	-0.01129	-0.07473	-0.06079	-0.0983	0.01892
-0.90963	-1.21699	-1.26412	0.03798	0.20326	0.05762	0.13763	-0.0979	-0.11056
-1.40034	-1.11759	-0.98631	0.2312	0.27577	0.16766	0.19552	0.05472	-1.40E-04
-1.4202	-1.11562	-0.95659	0.033	-0.46702	0.00647	-0.09378	-0.05545	0.05036
-0.70773	-0.53718	-0.84111	-0.06125	-0.04926	0.03525	-0.07396	-0.11274	0.01125
-0.53106	-0.83986	-0.89144	0.0012	-0.2163	-0.00729	-0.06365	-0.03292	0.0442
-1.18498	-0.92418	-0.7848	-0.18643	-0.16537	-0.2519	-0.19974	0.06382	0.01305
-0.90885	-0.85561	-1.01078	0.07836	-0.11921	-0.0486	-0.02249	-0.07792	0.04129
-0.62067	-0.52749	-0.73849	-0.33393	-0.17264	-0.23225	-0.16784	0.242	0.38011
-1.48393	-1.19683	-0.9863	0.13052	0.1619	0.1367	0.0673	-0.35522	-0.34049
-1.04639	-0.73953	-0.6391	0.17727	0.19291	0.10758	0.22176	0.01018	-0.10983
-1.69856	-1.39638	-1.37038	0.44834	0.26749	0.34465	0.16747	-0.71748	-0.25161
-1.59241	-1.16068	-0.95229	-0.03002	-0.10022	0.13577	0.12851	0.45956	0.2856
-1.26418	-1.05055	-1.19374	0.55128	0.5623	0.48741	0.45425	0.04353	-0.11331
-0.45422	-0.43021	-0.60653	0.08825	0.3403	0.14972	0.08458	0.04931	0.05624
-0.25875	-0.41577	-0.59322	0.07032	0.07443	0.10564	0.04402	0.02702	0.07256
-0.69749	-0.50311	-0.50275	0.21584	0.23297	0.17159	0.18336	0.04304	-0.05495
-1.01438	-1.46312	-0.76758	0.34938	0.05321	0.04015	-0.02036	-0.33796	-0.11625
-0.79692	-0.56254	-0.64964	0.09815	0.10758	0.02558	0.09593	0.12737	0.01891
-1.21675	-1.16423	-1.16059	-0.27391	-0.29538	-0.40715	-0.35667	-0.14218	-0.11004
-0.589	-0.29302	-0.57045	-0.11048	-0.00547	0.00114	-0.03812	0.10301	0.13955
-0.47478	-0.35618	-0.81892	0.04683	0.08777	-0.02443	0.07125	0.07636	0.10135
-0.3261	-0.56296	-0.86507	0.05699	0.08207	0.06603	-0.05049	0.02703	-0.07898
-1.03694	-0.72396	-0.46194	-0.06176	-0.00825	-0.02069	0.01621	0.16335	0.06429
-0.69749	-0.67604	-0.67846	-0.25462	-0.16431	-0.19187	-0.17372	-0.04821	-0.04049
-0.44384	-0.35866	-0.61521	-0.00358	0.08146	0.12908	0.10432	0.04209	-0.09226
-0.57999	-0.29545	-0.43048	-0.0706	-0.32949	-0.02019	-0.13275	0.10517	0.10298
-0.71869	-0.66221	-0.73345	-0.09645	-0.09798	-0.16283	-0.08153	-0.15574	-0.07804

m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
-0.06326	-0.02109	0.04496	0.01438	0.02034	0.02242	0.0272	-0.01159	-0.11029
-0.00723	0.00789	-0.10911	-0.03709	-0.018	-0.00593	0.00922	0.02368	0.0563
0.06222	0.01689	-0.06187	-0.09345	-0.01708	-0.06361	0.12104	0.15216	0.13396
0.06026	-0.04384	0.10262	-0.14793	-0.02905	0.07343	-0.01618	0.07913	-0.11759
0.1111	0.0781	-0.06113	-0.03819	0.02287	-0.0354	-0.16642	-0.17188	-0.11862
0.10995	0.05554	-0.06449	-0.09448	-0.07995	-0.0583	0.18868	0.22664	0.20097
-0.03261	-0.08605	0.02838	0.1415	0.14751	0.24854	-0.06048	-0.08579	0.03515
-0.08103	-0.07376	0.02714	0.09071	0.16386	0.10992	0.042	0.08817	0.09026
-0.0082	0.08798	-0.16818	0.04017	-0.07692	0.00938	-0.04344	0.14451	0.29194
-0.0224	-0.09506	-0.07724	0.01298	-0.0132	0.01461	0.15673	0.19548	0.15101
0.18092	0.05901	-0.04839	-0.08391	0.06839	-0.08233	-0.13172	-0.02444	-0.18002
-0.04545	0.07456	-0.06758	0.04438	0.08768	0.00731	-0.07971	-0.08616	-0.03312
-0.03699	0.00998	-0.03296	0.09078	0.0309	0.04968	0.05275	0.08842	-0.00999
-0.06844	-0.1608	-0.1027	-0.01919	-0.03249	-0.04736	0.06473	0.11691	0.11152
0.02504	-0.11802	-0.06984	-0.04245	-0.14254	0.0152	0.23429	0.16317	0.21296
0.23702	0.04174	-0.08766	-0.08689	-0.0265	-0.12675	0.04376	0.04226	0.06691
-0.08263	-0.05124	0.21161	0.03035	-0.02729	-0.04793	0.43312	0.22124	0.3682
-0.02864	-0.02417	0.04303	-0.0769	0.05157	0.04212	0.01858	0.11205	0.07085
0.19915	0.14968	-0.05852	-0.00572	0.04319	0.00365	-0.04542	0.01069	-0.0125
0.00353	-0.07872	-0.09524	8.30E-04	0.04456	-0.00334	0.13206	0.17716	0.16929
0.08848	0.0183	0.06002	-0.00782	0.08116	-0.03101	-0.19422	-0.08724	-0.10278
-0.00525	-0.05066	0.0689	0.12181	0.04938	0.117	0.10547	0.13447	0.09616
-0.05627	0.07041	0.02215	0.11242	0.04869	0.12564	0.06482	0.07087	0.11986
-0.12363	-0.06931	0.12311	0.12558	0.09941	0.11333	0.02585	0.20647	0.18786
0.04683	0.06042	-0.02762	0.00298	0.02963	0.05272	0.33016	0.37638	0.3154
0.01548	-0.12536	-0.10972	-0.10565	-0.09717	-0.10838	-0.00358	0.11023	-0.13531
-0.13688	-0.0608	-0.10676	0.01154	-0.09184	-0.02783	0.03882	0.01964	-0.02999
0.02612	0.01364	-0.01049	-0.00706	-0.01106	-0.08261	-0.06539	-0.00415	-0.07749
0.07367	0.04252	-0.08757	-1.70E-04	-0.03215	0.03815	-0.34513	-0.33278	-0.37481
0.06397	0.03284	-0.45918	-0.34459	-0.2765	-0.32372	-0.06539	-0.12242	-0.04434
0.13837	0.24564	0.10217	0.04008	0.12445	0.07752	-0.15297	-0.07488	-0.08636
-0.38494	-0.40487	-0.28241	-0.23278	-0.23763	-0.18389	0.02807	0.01212	0.02187
0.06156	-0.06454	-0.10091	0.01791	-0.08396	0.00152	0.19886	0.24173	0.2495
0.03935	-0.01453	-0.39862	0.35573	0.0885	0.12588	0.2827	0.09672	0.21784
0.37298	0.25207	-0.02744	-0.03784	0.00146	-0.08408	-0.09387	0.18669	0.03675
0.08835	-0.12984	-0.01048	-0.05066	-0.00304	-0.03863	0.25312	0.21432	0.18627
0.03324	-0.0812	-0.0307	-0.02982	0.09188	-0.07876	0.05444	0.12275	0.1488
0.03042	0.0887	-0.01045	0.00304	0.01548	-0.02595	0.05058	0.00632	0.08527
0.02882	-0.07793	0.11095	0.1208	0.14276	0.15849	0.2462	0.28186	0.23311
0.08742	-0.05629	0.22275	0.19629	-0.07786	0.28679	-0.03383	0.22896	0.09789
0.04935	-0.02778	0.10456	-0.00342	0.06958	0.02203	0.081	0.0805	0.06795
-0.09698	-0.1528	-0.21028	-0.23626	-0.17764	-0.14234	-0.10386	-0.3943	-0.2065
0.09491	0.06161	0.01382	0.03186	0.03581	-4.00E-05	-0.04676	0.03526	0.00505
0.07493	-0.03789	0.09677	0.02055	0.00393	0.04839	0.03611	0.04412	0.04504
0.07397	-0.0195	-0.0135	-0.00153	0.04238	-0.01797	-0.04679	0.02686	-0.04342
-0.05958	-0.11211	0.19466	0.10717	0.24559	-0.05257	-0.03359	0.05897	-0.00311
-0.02359	-0.09095	0.04858	0.15359	0.12964	0.08422	-0.10226	0.02063	-0.04381
-0.01127	-0.06494	0.04293	0.04873	0.07223	0.02183	0.01108	0.083	0.03592
0.0847	0.04226	-0.06767	-0.00905	-0.00834	2.20E-04	-0.07585	0.06885	-0.08383
-0.10426	0.02882	0.06213	0.10394	0.08655	0.07105	-0.36639	-0.51807	-0.39567

m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
0.04564	0.06935	0.02545	0.04063	0.07274	0.04209	0.06777	0.12345	0.0652
-0.00217	-0.02986	0.03202	0.0311	0.00888	-0.00618	-0.06294	-0.09463	-0.09306
0.23185	0.10122	0.11752	0.12096	0.1022	0.11063	0.07584	0.01343	0.07727
0.06617	0.11709	0.11924	0.03089	0.13763	-0.0243	0.16672	0.08068	0.17467
-0.1325	0.02941	0.01973	0.06441	0.08233	-0.2708	-0.29109	-0.4837	-0.28568
0.23992	0.04234	0.09599	0.07328	0.08325	-0.01743	-0.07724	-0.0716	-0.02702
-0.05424	-0.01249	-0.02845	0.13771	0.06934	0.04444	0.08414	-4.40E-04	0.09732
0.21103	0.12847	0.22566	0.16764	0.17134	0.5215	0.44195	0.51341	0.43788
0.06177	0.13258	-0.20203	-0.07894	-0.01373	0.12607	0.01661	0.23713	0.08056
0.24141	-0.06609	-0.03078	0.01547	-0.00539	0.15201	0.14703	0.0989	0.13577
-0.00825	0.03894	0.1775	0.02863	0.1599	-0.10625	-0.18698	-0.16108	-0.20714
-0.04017	0.08544	-0.04058	0.08699	-0.04475	-0.02615	-0.02984	-0.06067	-0.07841
0.12696	-0.00712	-0.06775	0.02277	0.06426	-0.10695	-0.09041	0.18887	-0.09484
0.11309	0.02737	0.02726	0.07186	0.07704	0.19996	0.15598	0.2153	0.1378
0.06478	-0.2069	-0.14898	-0.16107	-0.13149	-0.02752	-0.0138	-0.05505	0.01752
0.14274	0.14199	0.22486	0.14286	0.14063	0.15849	0.15327	0.10193	0.19116
0.11365	-0.13381	0.17472	0.03342	-0.0316	0.16479	0.31271	0.16545	0.21731
0.02074	0.00944	0.02088	0.00968	-0.0271	-0.00467	0.01693	0.00543	-0.00499
0.01087	0.10051	0.1042	0.10471	0.07517	-0.08917	-0.18086	-0.15003	-0.18126
0.19231	-0.05732	-0.00552	0.02619	0.02156	0.1591	0.09959	0.02869	0.06508
-0.05492	0.00189	0.06977	0.01341	0.03937	0.04055	0.00576	-0.04197	0.00666
0.14394	0.15623	0.03934	0.12223	0.0345	0.08491	0.13902	0.22429	0.02679
0.02079	0.17481	0.07306	0.144	0.03548	0.15388	0.16402	0.46745	0.21886
0.14848	0.06066	-0.03242	-0.00365	-0.02896	0.2125	0.13958	0.42418	0.17086
0.34989	-0.11455	-0.16953	-0.11353	-0.11174	-0.02914	-0.11878	-0.01634	-0.03914
-0.04631	-0.14134	0.02285	-0.07778	0.02194	0.07605	-0.00526	-0.12939	0.12769
-0.09742	0.07626	-0.00616	0.049	-0.16753	-0.00522	-0.01411	-0.17095	-0.06171
-0.04486	0.03636	0.09986	0.00348	0.01672	-0.0946	-0.01495	-0.09507	-0.06797
-0.34109	0.04599	-0.07421	0.06607	0.0532	-0.00565	-0.06094	-0.05546	-0.06209
-0.05042	-0.0875	-0.1944	-0.10677	-0.05082	-0.18865	-0.2424	-0.51175	-0.32784
-0.08304	0.10435	0.07186	0.13703	0.02105	0.02493	-0.0748	0.05107	-0.14414
0.03413	-0.234	-0.29178	-0.26075	-0.2535	-0.46176	-0.50346	-0.5311	-0.4954
0.24543	0.01558	-0.23548	0.02015	-0.19225	0.00885	0.28047	0.0973	0.16233
0.16557	0.14051	-0.33123	-0.23418	0.00467	0.10067	0.03138	0.2315	-0.0737
0.14501	0.13567	0.17168	0.05727	0.16533	-0.12347	-0.10767	-0.10018	-0.18055
0.24278	-0.26	-0.18801	-0.19861	-0.13973	-0.32218	-0.28185	-0.36372	-0.07976
0.19075	-0.06901	-0.01182	-0.07252	-0.05835	0.1011	0.01906	9.40E-04	-0.00832
0.02452	0.08273	0.12804	0.1071	0.09091	0.10612	0.12172	0.05576	0.09768
0.36742	0.11606	0.11447	0.16253	0.0837	0.34483	0.3228	0.27282	0.35561
0.07734	-0.05428	-0.01829	0.15876	0.121	0.03252	-0.07615	0.22003	0.0287
0.19381	-0.0521	-0.02734	0.00401	-0.05634	0.09309	0.13316	-0.0011	0.13036
-0.38001	-0.29413	-0.18444	-0.20482	-0.19491	0.02962	0.1871	-0.07656	0.09575
0.05386	0.10335	0.10152	0.06218	0.03798	0.02223	-0.00635	0.09919	-0.02813
-0.01428	0.02185	0.0375	0.03882	-0.032	0.08014	0.06766	0.15674	0.25867
0.01964	0.0727	0.11376	0.11594	0.11006	-0.0082	0.02923	-0.13129	-0.00137
-0.343	-0.06637	0.03096	-0.19628	-0.0473	-0.18745	0.02749	-0.13521	0.09771
-0.01089	-0.09798	-0.15608	-0.10346	-0.17992	-0.04279	-0.12838	-0.10464	-0.14881
0.12144	0.05044	0.00658	-0.01086	0.01715	0.17465	0.25571	0.32394	0.27359
0.00953	0.06601	0.08483	0.07126	0.09616	-0.00286	-0.01024	-0.05286	0.02173
-0.33517	-0.2743	-0.29755	-0.15389	-0.23994	0.12535	0.04372	0.02206	-0.0126

high_7d_plus_B_nmg.txt

Probe ID	GenBank #	Sequence	Correlation	Magnitude	SNR	m_liver_lov	m_liver_lov	m_liver_lov
A_43_P11	NM_01254	Cytochrom	0.95357	3.17347	34.34296	0.87212	1.04444	1.14351
A_43_P14	NM_02227	Glutaredox	0.93123	1.53755	15.13163	0.37221	0.34444	0.50064
A_42_P57	NM_02224	Cytochrom	0.92852	1.13991	16.34283	0.40368	0.3173	0.32977
A_43_P19	BI282744	Phosphoer	0.92754	1.35463	11.52981	0.33039	0.439131	0.08783
A_42_P81	NM_02227	Glutaredox	0.91659	1.3329	15.42206	0.1381	0.26169	0.34592
A_43_P21	CB547065	Biphenyl h	0.89638	0.81716	8.19284	0.19619	0.26031	0.20333
A_43_P11	NM_01310	Cytochrom	0.89328	2.33652	21.26186	0.31978	0.46217	0.50927
A_43_P12	NM_05395	Crystallin, r	0.88964	1.72125	16.2398	0.38909	0.21487	0.39903
A_43_P12	NM_02294	Nuclear rec	0.88901	1.31148	10.14074	0.15143	0.8361	0.59081
A_42_P47	NM_05401	SH3-doma	0.88872	1.22167	16.92714	0.20345	0.49491	0.6071
A_42_P83	AI412956	Transcribe	0.88484	1.52913	19.15175	0.07312	0.12529	0.32235
A_42_P49	BG380737	Similar to C	0.88409	0.62589	8.06038	0.0577	0.07169	0.09006
A_43_P15	U33500	Retinol def	0.87498	1.4768	13.66702	0.13955	0.00186	0.01901
A_43_P13	NM_13074	Cytosolic a	0.87362	1.58042	10.27178	0.55066	0.25771	1.16593
A_43_P23	BQ194054	Chemokine	0.86866	1.09717	8.49681	0.16713	0.56643	0.25518
A_43_P13	NM_08089	Arsenic (+3	0.86848	1.00804	9.50222	0.17594	0.20363	-0.05013
A_42_P49	AA926036	Transcribe	0.8632	1.08329	12.39776	0.40553	0.20517	0.57786
A_42_P70	NM_13190	Solute carr	0.85607	1.32937	12.8367	0.33222	0.26033	0.1515
A_43_P17	CB547967	Transcribe	0.85521	1.097	8.1012	-0.11331	0.23863	0.26498

m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov
1.24639	-0.2138	-0.16446	-0.11289	-0.07762	-2.04587	-2.12892	-2.21962	-1.99303
0.35261	0.02727	0.03874	-0.41611	-0.29198	-0.56301	-0.50635	-0.76975	-0.5335
0.33977	0.09208	0.02997	0.16661	0.35846	-0.50348	-0.26453	-0.29545	-0.35382
0.31629	0.37237	0.07191	0.28721	0.27989	-0.68302	-1.1303	-1.14383	-0.63503
0.33096	-0.03471	0.02532	-0.09233	0.03691	-0.36846	-0.54472	-0.63733	-0.67687
0.05411	0.1598	0.17191	0.22363	0.14948	-0.26933	-0.54072	-0.55079	-0.42798
0.36814	0.45779	0.36304	0.54754	0.70886	-0.58757	-0.27734	-0.51189	-0.42189
0.49378	0.02001	0.17208	0.65782	0.55863	-0.56505	-0.47476	-0.76702	-0.75638
0.61495	-0.21584	0.08748	0.18253	-0.05045	-0.47942	-0.80987	-0.59195	-0.68945
0.60166	0.20503	0.21619	0.22368	0.39936	-0.02607	-0.12117	-0.21666	-0.18171
0.13538	0.28491	0.30561	0.45184	0.41725	-0.58393	-0.5168	-0.74218	-0.66326
0.09485	0.02457	-0.00976	-0.02142	0.15675	-0.1385	-0.30567	-0.38686	-0.29407
0.02533	0.00448	-0.03035	-0.22821	-0.15142	-0.46857	-0.85174	-0.93586	-0.66049
0.59826	0.07007	0.34227	0.23053	0.16348	-0.22066	-0.46787	-1.00508	-0.45208
0.20631	-0.00537	0.04943	-0.03292	-0.07802	-0.15909	-0.56623	-0.22762	-0.21365
0.10857	-0.41083	-0.11809	-0.22428	-0.2044	-0.35997	-0.65697	-0.49512	-0.45369
0.37327	0.03383	0.04348	0.00322	0.13791	-0.41635	-0.16771	-0.63746	-0.33629
0.29068	0.27387	0.28839	0.49601	0.57454	-0.05163	-0.303	-0.57576	-0.49457
-0.04438	0.01132	0.02653	0.16591	0.03053	-0.43939	-0.61297	-0.43288	-0.72878

m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç
-0.81188	-0.53461	-0.74941	-0.76742	-0.97997	-0.88501	-0.84647	-0.91592	-1.42025
-0.22791	-0.23715	-0.36379	-0.30435	-0.20621	-0.23335	-0.74156	-0.63495	-0.96934
-0.15579	-0.08658	-0.14297	-0.14729	-0.26529	-0.30862	-0.06132	0.05747	-0.64452
-0.79609	-0.71122	-0.97149	-0.96923	-0.69492	-0.68371	-0.81754	-0.74745	-0.99548
-0.25965	-0.23976	-0.44654	-0.25726	-0.12417	-0.09773	-0.02582	0.00864	-0.87377
-0.43165	-0.19754	-0.67488	-0.61852	-0.31011	-0.10809	-0.1516	-0.30419	-0.65759
-0.17327	-0.18393	-0.1841	-0.19484	-0.15199	-0.40502	0.14812	0.52112	-1.46045
0.03186	0.0234	-0.00412	0.10948	-0.25522	-0.1684	-0.08686	0.00317	-1.13783
-0.19654	0.08122	0.11672	-0.04978	-0.0772	0.06112	0.28666	-0.07966	-0.65409
-0.25802	-0.11805	-0.34057	-0.26607	0.00214	-0.18761	0.01616	0.03332	-0.49877
-0.07845	-0.03777	-0.24708	-0.20109	-0.42967	-0.40124	-0.63836	-0.61934	-1.012
-0.02846	0.02275	-0.24865	-0.16717	-0.173	-0.05959	-0.39094	-0.26275	-0.34338
-0.12145	-0.00703	0.04705	-0.11875	-0.4089	-0.25111	-0.62725	-0.6056	-1.3921
0.06874	0.34725	0.10082	0.15396	-0.14997	-0.03097	-0.03401	-0.10858	-0.78972
-0.482	-0.04558	-0.41774	-0.34277	-0.30497	-0.1051	-0.341	-0.33549	-0.56932
-0.32432	-0.08768	-0.41068	-0.407	-0.55646	-0.43932	-0.46478	-0.40271	-0.49803
0.04425	-0.05717	0.01211	-0.10608	-0.13275	-0.23215	-0.16546	-0.07323	-0.57553
0.12981	0.06721	-0.32698	-0.04683	-0.01855	-0.0959	-0.06883	-0.02045	-0.66079
-0.10951	-0.07336	-0.13025	-0.29956	-0.52494	-0.06869	-0.46432	-0.60338	-1.07349

m_liver_hiç	m_liver_hiç	m_liver_hiç	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
-1.9312	-1.43497	-1.71222	0.10329	-0.00986	-0.0529	-0.01475	-0.04629	0.10807
-1.13852	-1.12959	-1.34284	-0.05026	-0.12378	-0.03862	-0.04719	0.11614	-0.03286
-0.94089	-0.75292	-0.83079	-0.08308	-0.11199	0.02206	-0.04506	0.05482	0.05563
-0.90798	-1.05167	-1.28974	-0.14267	-0.03554	-0.10283	-0.21112	-0.08893	0.12792
-1.23218	-1.07766	-1.07131	0.0227	-0.03046	0.0272	0.08317	-0.18802	-0.22953
-0.25493	-0.59765	-1.04452	0.14134	0.17346	0.18681	0.06656	0.08453	0.13786
-2.02716	-1.812714	-1.96852	-0.07396	0.09834	-0.04229	-0.01461	0.00429	0.11763
-1.0693	-1.37813	-1.80298	-0.02866	0.04909	0.14432	0.10787	0.16345	0.08605
-0.67202	-0.755	-0.9715	-0.05612	-0.06376	0.03912	-0.08759	0.09467	0.10018
-0.84192	-0.76366	-0.8752	0.14043	0.09605	0.17491	0.13511	0.07558	0.0355
-0.84873	-1.25067	-1.54552	-0.03411	-0.08952	-0.03962	-0.09188	0.05198	0.05847
-0.52552	-0.52001	-0.80033	-0.02762	0.04321	0.0174	-0.12749	0.07637	0.10244
-0.98104	-1.43455	-1.77653	-0.07437	0.03262	-0.07372	-0.1218	0.10968	-0.06975
-0.73	-1.07167	-1.15771	-0.23193	-0.18961	-0.03044	-0.28423	-0.03578	0.0452
-1.00358	-0.68563	-0.9351	-0.06842	-0.16693	-0.02718	-0.08264	-0.08195	-0.10679
-1.14062	-0.70821	-0.7286	0.11984	-0.02158	0.02048	-0.11513	0.02183	0.11153
-0.28598	-0.77897	-1.13083	0.04563	0.00799	0.0459	0.04238	0.01023	-0.05064
-0.65936	-1.09221	-1.27231	-0.01593	0.07675	0.07	0.04505	-0.03122	-0.04672
-0.3211	-1.12905	-1.51843	-0.00123	-0.22559	-0.08594	-0.16728	-0.06264	0.13413

m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
-0.0231	0.02624	-0.03341	-0.09714	-0.05184	-0.01367	0.1098	0.00285	0.05155
0.00412	-0.05457	-0.12435	-0.12897	-0.21773	-0.20012	-0.18409	-0.11281	-0.17389
0.04743	0.00887	-0.02041	-0.01825	6.30E-04	-0.01848	-0.01073	0.09883	0.04341
-0.0529	0.11214	-0.04652	-0.11441	0.01971	-0.09095	-0.01633	0.03477	-0.01606
-0.05196	-0.08363	-0.26413	-0.12312	-0.24293	-0.09274	0.04694	-0.17822	-0.1198
0.09832	0.15857	0.04072	-0.11914	-0.00892	-0.06667	-0.0228	0.00943	-0.0591
0.05216	0.06452	0.01482	0.03032	0.01101	-0.04491	-0.04235	0.02082	0.06922
0.18338	0.12513	-0.12737	-0.10439	-0.04311	-0.07474	0.10687	0.11465	0.08772
-0.04418	0.07084	0.01236	-0.09869	-0.08639	-0.15155	-0.14793	0.03863	-0.19741
0.04888	0.03769	-0.01648	-0.02186	-0.05078	-0.0256	-0.04457	-3.80E-04	-0.00947
0.04897	0.01478	-0.05517	-0.03639	-0.00252	-0.00502	-0.12109	-0.05879	-0.04662
0.06924	-0.0017	0.01621	0.03389	0.09698	0.03293	-0.05651	0.07923	-0.02183
0.03971	0.03776	-0.02566	-0.08256	-0.03194	-0.04529	-0.07252	-0.07261	-0.04529
0.1067	0.08025	-0.09211	-0.04984	-0.03553	-0.29765	0.04302	-0.12158	-0.08339
-0.15491	0.01746	-0.41239	-0.01416	-0.04025	-0.18565	0.22232	-0.04501	-0.06042
-0.11859	-0.09236	-0.0604	-0.14964	-0.11545	-0.07685	-0.02734	0.07764	-0.0324
-0.01587	-0.02176	-0.01592	0.03741	0.03968	0.01015	-0.01854	0.03714	0.06091
-0.04402	0.00375	0.01055	0.10979	0.08417	0.05232	0.04355	0.02017	0.0284
0.01264	0.10114	-0.05892	-0.14004	-0.11408	0.00173	-0.02843	-0.09408	-0.0564

m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
-0.06752	-0.06607	-0.05311	0.04631	-0.00233	-0.11942	-0.05484	-0.04749	0.04656
-0.09322	-0.04954	0.01967	-0.06421	-0.02475	0.00877	0.06216	0.14975	0.11259
0.1272	0.12861	0.1567	0.09853	0.1307	0.26613	0.21569	0.32766	0.27516
0.04716	-0.07216	0.04757	-0.05886	0.05026	0.0883	-0.23206	0.04176	-0.18332
-0.03696	-0.08048	-0.18733	-0.09339	-0.0889	0.00164	0.13098	0.06498	-0.04048
0.04232	0.10349	0.17203	0.08998	0.19161	0.12665	0.0133	0.10715	0.10889
-0.02156	0.08276	0.00315	0.04606	0.02323	0.06228	0.0269	0.11858	-0.00122
0.12664	0.08864	0.13852	0.13738	0.16128	0.07875	0.06419	0.0522	0.04928
0.01596	0.11054	0.09528	0.01336	0.07108	-0.08438	-0.02313	0.02032	-0.29332
-0.0074	0.18432	0.15361	0.11373	0.15062	0.12324	0.15201	0.10915	0.14358
-0.0425	-0.00477	0.00791	0.0028	0.00722	0.02771	0.00683	-0.01544	0.04096
-0.0266	0.04976	0.11195	0.03692	0.0493	-0.00777	4.50E-04	0.05228	0.00392
0.01417	0.03935	0.04413	0.10655	0.13295	-0.22601	-0.29739	-0.3749	-0.20134
0.0106	-0.10311	-0.01728	0.00853	-0.00119	0.17303	0.2149	-0.23928	0.09006
-0.06791	-0.0096	-0.04567	0.07139	0.0839	0.08134	0.02025	-0.15697	-0.04388
0.04942	-0.06502	0.07511	-0.00914	0.0547	0.29501	0.15159	0.27282	0.23729
-0.00298	-0.04217	-0.00545	-0.06641	-0.04953	-0.05701	-0.04742	-0.09729	-0.06822
9.10E-04	0.00983	-0.002	-0.00137	-0.02574	0.01823	0.1125	0.22319	0.0487
-0.05394	-0.01685	-0.00773	-0.01932	0.06073	-0.00171	-0.10959	-0.15003	-0.08234

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Probe ID	Genbank A Sequence	Correlation	Magnitude	SNR	m_liver_lov	m_liver_lov	m_liver_lov
A_43_P10	CA506280 Ethanolam	0.95653	1.36988	10.75396	-0.37285	-0.00232	-0.16398
A_42_P57	NM_13888 Phosphatic	0.94518	1.85429	12.54872	-0.67339	-0.66433	-0.74541
A_42_P76	BQ191138 Transcriber	0.92439	1.04796	10.77792	-0.37307	-0.05621	-0.33283
A_42_P82	BI292657 RNA bindir	0.9226	2.86182	20.00874	-1.56831	-1.23502	-1.18978
A_42_P84	AW916212 Similar to F	0.90712	0.69458	7.2568	-0.06348	-0.16547	-0.2956
A_43_P11	BQ210134 Tousled-lik	0.88383	0.62457	5.85414	-0.20299	0.03976	-0.35074
A_42_P83	AI228728 Transcriber	0.88347	0.9716	9.82074	-0.35132	0.00374	-0.22634
A_42_P53	BI281080 Beta-amylc	0.88292	0.52323	5.41837	-0.14896	-0.17874	-0.08864
A_42_P54	AW915253 Signal seq	0.87354	1.33015	11.56242	-0.72997	-0.56235	-0.55439
A_42_P45	BM387761 Transcriber	0.86846	0.98928	11.78754	-0.30631	-0.32007	-0.74308

m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov
-0.33008	-0.49418	0.05397	-0.33946	-0.44215	0.34905	0.19212	0.26513	0.10619
-0.70951	-0.63292	-0.07035	-0.6696	-0.64017	0.10536	0.22917	-0.24972	0.00555
-0.36748	-0.29727	0.25645	-0.05167	-0.01939	-0.02372	0.08061	0.12734	-0.12888
-1.2772	-1.11574	-0.37855	-0.683	-0.56736	-0.0824	0.07108	-0.25887	-0.09668
-0.23242	-0.24828	-4.40E-04	-0.14484	-0.24531	0.0865	0.28733	-0.02522	0.186
-0.4462	-0.27392	0.14021	0.06542	-0.09621	0.26135	0.16914	0.04513	0.15117
-0.29647	-0.40284	-0.12083	-0.34975	-0.40007	-0.15664	-0.15069	-0.14767	-0.2771
-0.06016	-0.13611	0.21432	-0.18757	-0.00902	0.14104	0.18448	0.02821	-0.06617
-0.41788	-0.15672	0.31533	-0.17076	-0.16872	0.25727	0.13653	0.23339	0.04014
-0.55145	-0.27414	-0.17183	-0.3904	-0.37534	0.03447	0.22198	-0.045	0.16006

m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç
-0.14715	0.14711	-0.02467	-0.04825	0.18333	0.44406	-0.0225	0.06066	1.37905
-0.50307	-0.2164	-0.26441	-0.376	0.32817	0.49931	0.39025	0.36738	1.41238
0.15679	0.14385	0.11871	0.11208	0.55206	0.52811	0.33042	0.43997	1.14067
0.33119	0.16963	0.2141	0.10352	0.0731	0.14767	0.21399	0.24068	2.10654
0.08263	0.07592	0.06175	0.1047	0.33036	0.38057	0.07807	-0.00231	0.76625
-0.07055	-0.15824	-0.1178	0.00739	0.15267	0.22531	-0.03649	-0.04814	0.65883
0.07865	0.0605	-0.10816	-0.10329	0.30717	0.4831	0.31334	0.35259	0.86658
-0.01015	0.0647	-0.07189	-0.01129	0.22176	0.26455	0.1142	0.28883	0.78314
-0.05171	0.12562	0.05899	0.03279	0.49893	0.59356	0.31406	0.19806	1.07023
-0.03257	-0.14712	0.0288	-0.11266	0.06467	0.15166	0.03269	0.08371	0.59557

m_liver_hiç	m_liver_hiç	m_liver_hiç	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
0.47865	1.02713	0.979	0.32327	0.44179	0.37844	0.46754	-0.36499	-0.46526
1.00205	1.56961	0.64047	0.06301	-0.12865	0.09929	0.03842	-0.50894	-0.60509
0.36539	0.78168	0.77453	0.15412	0.22465	0.20926	0.21004	-0.07651	-0.1285
0.7799	1.60374	1.68678	-0.36291	-0.52082	-0.48552	-0.37522	-0.56144	-0.55434
0.19012	0.50774	0.55725	0.12193	-0.03471	0.0637	0.07228	-0.05288	-0.14955
0.15153	0.36627	0.36146	0.20505	0.11488	0.17195	0.20124	-0.15974	-0.17679
0.32828	0.73738	0.68067	-0.20574	-0.20689	-0.13205	-0.10444	-0.16539	-0.24924
-0.01858	0.4399	0.41197	0.1919	0.11208	0.14393	0.23811	-0.17795	-0.14119
0.48672	0.75478	0.74428	0.14979	0.14946	0.07319	0.05286	-0.21119	-0.2255
0.33846	0.7074	0.39477	-0.03491	-0.11183	-0.02168	-0.01489	-0.08408	-0.11353

m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
-0.39347	-0.39199	0.28724	0.29783	0.23672	0.31035	0.57853	0.66397	0.67566
-0.60504	-0.41335	0.19185	0.30242	0.14052	0.23496	0.60483	0.37517	0.5434
-0.0527	-0.05201	0.13397	0.18296	0.08849	0.20904	0.33838	0.33366	0.31323
-0.36391	-0.50188	-0.28531	-0.14043	-0.23217	-0.09809	0.14672	0.10097	0.06643
0.03942	-0.09119	-0.07049	0.12132	0.02937	0.08239	0.15141	0.10251	0.16974
-0.02084	0.0033	0.04785	0.2018	0.10782	0.15602	0.25353	0.16414	0.26786
-0.11201	-0.15844	-0.05693	0.09337	-0.06323	0.01396	0.16223	0.10562	0.25158
0.025	-0.11536	0.00957	0.10324	0.05123	0.10212	0.05318	0.12336	0.11251
-0.12827	-0.13442	0.02111	0.18176	0.01482	0.17067	-0.03358	0.09222	0.05564
0.01203	-0.04479	-0.08792	0.0857	-0.05084	0.0168	-0.0166	-0.10634	-0.06993

m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
0.65973	-0.15016	-0.32071	-0.21931	-0.31341	0.28913	0.35083	0.39922	0.33971
0.42368	-0.11022	-0.30705	-0.10099	-0.14117	0.39662	0.59877	0.35098	0.68713
0.24376	0.03237	-0.0801	-0.02065	-0.05941	0.18044	0.20387	0.21954	0.23206
0.08473	-0.44907	-0.48861	-0.35577	-0.43078	0.1421	0.13003	0.13325	0.18693
0.12877	-0.0958	-0.11671	-0.09159	-0.12009	0.08812	0.20501	0.0193	0.17222
0.26461	-0.04856	-0.1071	0.03148	0.03932	0.15305	0.23614	0.29754	0.20939
0.07262	-0.11072	-0.16914	-0.07046	-0.03905	0.21585	0.43357	0.43816	0.35926
0.12843	-0.03728	-0.13117	0.04834	-0.12323	0.14539	0.18916	0.09182	0.17218
0.04509	-0.09419	-0.28197	-0.08318	-0.19784	9.70E-04	0.06574	0.19198	0.03913
-0.0118	-0.11739	-0.15724	-0.05871	-0.08909	0.07286	0.08375	0.09432	0.10051

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Probe ID	GenBank	Sequence	Correlation	Magnitude	SNR	m_liver_lov	m_liver_lov	m_liver_lov
A_43_P12	NM_03173	Sulfotransf	0.992	2.6307	35.93291	0.06003	0.00863	0.07546
A_42_P67	NM_17312	Cytochrom	0.9892	1.97354	22.18093	0.32791	0.08786	0.21539
A_42_P70	NM_05390	Kynurenina	0.98853	2.44973	35.77766	0.56248	0.44004	0.46939
A_42_P60	BG372891	Transcriber	0.98791	1.95751	23.9132	0.05803	0.03613	0.10701
A_43_P11	NM_01312	Glucokinas	0.98562	1.91248	20.09048	0.47558	0.13284	0.38109
A_43_P18	CB544906	Solute carr	0.9819	1.41847	20.14889	0.08477	-0.05301	0.15416
A_42_P56	AI029212	Similar to c	0.98087	2.06142	21.76634	0.42883	0.3818	0.46075
A_42_P50	NM_01708	Glycine N-r	0.98075	2.20688	27.9727	0.04136	0.12758	0.05535
A_42_P49	AI232716	Similar to tl	0.98043	4.78406	33.02161	0.55903	0.47703	0.72475
A_43_P22	BF396498	Inter-alpha	0.97945	1.39828	17.28342	0.30557	0.14121	0.12721
A_42_P79	NM_03103	Glutamic p	0.97863	2.0942	18.31076	-0.25935	0.10161	0.15207
A_43_P13	NM_14509	Serine (or c	0.97803	2.08064	20.68617	0.22712	0.32136	0.2787
A_43_P13	NM_05718	L-3-hydrox	0.97656	1.72206	24.22356	0.26878	0.29246	0.12506
A_42_P77	AI411994	Aldehyde d	0.97605	1.34762	18.13633	0.03234	0.12445	0.05138
A_42_P74	NM_01259	Isovaleryl c	0.97231	1.35504	19.7459	0.09094	0.20008	0.19889
A_42_P61	NM_05280	Cysteine di	0.9716	1.55493	18.67113	0.45575	0.29808	0.44395
A_42_P50	NM_03170	Dihdropyr	0.97122	1.7053	20.17168	-0.07597	0.17906	0.2381
A_42_P47	NM_01704	Solute carr	0.97017	2.60928	33.28412	0.26318	0.18515	0.35964
A_42_P51	NM_01915	Vitronectin	0.96982	1.73429	22.2556	0.09137	0.15273	0.28546
A_43_P11	BI289436	Methylmalc	0.96962	1.15369	13.76186	0.0165	0.23181	0.18523
A_42_P46	NM_03101	ATP-bindin	0.96916	1.16028	14.91092	-0.13762	-0.10366	-0.01444
A_42_P55	AI233266	Proline def	0.96841	1.15081	15.87494	0.1136	0.08869	0.15861
A_43_P10	BE099218	Data not fo	0.96813	1.36156	17.14506	-9.90E-04	-0.07616	0.00714
A_43_P14	AA866240	Data not fo	0.96813	2.1579	24.90235	-0.03555	0.11431	0.28592
A_43_P14	NM_01282	Acyl-CoA s	0.96795	1.74556	19.04254	-0.05249	0.21338	0.33236
A_42_P53	NM_01718	Asialoglycc	0.96725	1.11883	15.95147	0.01251	-0.09744	0.03759
A_42_P63	AI137506	Similar to s	0.967	1.20113	15.63589	-0.03644	-0.20136	-0.0074
A_42_P63	BE105707	Sel1 (supp	0.96663	1.19201	13.7	-0.08424	-0.01941	0.06537
A_42_P70	BF521811	Seizure rel	0.96659	2.87209	21.23553	0.15176	0.11832	0.01723
A_43_P12	NM_03185	Ketohexoki	0.96657	1.04671	16.27465	-0.0242	0.06282	0.19191
A_42_P65	BE116552	Low densit	0.96644	1.37302	13.83585	-0.12959	0.18186	-0.15729
A_43_P14	NM_03158	Peroxisom	0.96619	1.94414	21.50653	0.0782	-0.09085	0.10359
A_43_P15	NM_13436	Cytochrom	0.96564	1.41221	15.57596	0.42122	0.00337	0.29209
A_42_P61	NM_05356	Formiminot	0.96546	1.96026	20.32568	0.09771	0.4795	0.11465
A_43_P12	NM_03158	Solute carr	0.96532	1.56503	23.13481	-0.01892	-0.08002	-0.03993
A_43_P15	NM_01284	Fibroblast	0.96488	1.25177	13.90331	-0.10655	-0.07108	0.16235
A_43_P12	NM_03171	Heat-respo	0.96421	2.10072	16.14417	-0.08103	-0.12969	0.1597
A_43_P16	U05225	Data not fo	0.96414	1.17278	12.33201	-0.159	0.06339	0.12692
A_43_P12	NM_05368	S100 calcit	0.96348	1.01502	12.29911	0.18186	0.04882	0.13362
A_42_P72	BF416676	Siah bindin	0.96326	2.26952	9.47768	0.05721	-0.15396	0.02569
A_43_P16	BU760292	Cardiac lin	0.96322	1.02628	12.24711	0.11694	0.0339	0.12691
A_43_P11	BF549845	Transcriber	0.96289	2.93813	35.56697	0.11511	0.2534	0.30317
A_43_P14	AI045511	Dehydroge	0.96244	1.23103	14.5821	0.02765	0.19943	0.28285
A_42_P45	BQ780912	Biphenyl hy	0.96227	1.39893	15.05185	0.35914	0.20268	0.27892
A_42_P62	BF393119	Ab2-060	0.96175	2.42719	30.96887	0.24749	0.09551	0.23046
A_42_P47	NM_02159	Kynurenine	0.96049	1.48963	14.80194	0.17141	0.03864	0.60136
A_42_P62	BQ194068	Similar to F	0.96045	2.52453	23.75931	-0.47633	-0.03034	-0.20642
A_42_P67	AJ308109	Glycosylph	0.96044	2.66958	36.47795	0.56852	0.46558	0.4714
A_43_P14	AA819870	Compleme	0.95943	1.47714	17.27802	0.01734	0.17144	-0.13646
A_43_P12	NM_02229	Dimethylar	0.95922	1.62696	17.16103	0.23821	0.15158	0.37025
A_42_P66	BQ192967	Transcriber	0.9592	1.46203	13.95857	0.03485	-0.2434	0.07161

A_42_P66	NM_03158 Peroxisom	0.95914	1.8407	26.95527	0.07919	-0.02639	0.0778
A_43_P12	NM_03083 Fatty acid t	0.95884	3.54228	35.73351	0.36362	0.67231	0.71639
A_43_P16	BU759188 Data not fo	0.95856	1.15748	13.9716	0.08459	-0.2426	-0.09781
A_42_P65	NM_01252 Catalase	0.95824	1.63035	20.68921	0.17318	0.35901	0.20623
A_43_P13	AI639279 Paraoxona	0.95801	1.30518	13.99376	0.07596	0.13515	0.31496
A_43_P15	NM_05362 D-amino ac	0.95788	2.32717	16.56219	0.08733	0.12693	0.17999
A_43_P13	NM_01715 Cytochrom	0.95729	3.2373	27.40088	0.17921	0.23394	0.3362
A_43_P12	NM_03164 Plasma glu	0.95728	2.36887	23.19359	0.42553	0.1725	0.39796
A_42_P84	AA925885 Transcriber	0.95692	0.95447	12.1406	0.04191	0.00372	0.008
A_42_P57	NM_13329 Esterase 2	0.95602	2.71218	37.15208	0.48366	0.42944	0.53323
A_43_P15	NM_01937 Apolipopro	0.95546	1.63871	18.16988	0.01413	-0.30381	0.05212
A_42_P45	AW525042 Dehydroge	0.95516	1.44199	16.95922	0.05316	-0.0971	-0.01001
A_43_P12	NM_03133 Solute carr	0.95487	2.38504	19.53551	-0.03089	0.08892	0.10133
A_42_P68	NM_05361 Carboxype	0.95452	1.53107	15.87291	0.02909	0.44126	0.23323
A_43_P12	NM_03208 Hydroxyste	0.95432	2.45867	15.45099	0.20611	-0.11092	0.02689
A_43_P11	BQ201357 Similar to F	0.95429	0.73048	13.69311	0.23269	0.10334	0.13323
A_42_P75	M13711 Cytochrom	0.95414	1.3301	13.69051	-0.15952	0.25637	0.17213
A_43_P13	NM_13354 Retinol del	0.95373	1.72317	20.15706	0.17006	0.27325	0.29403
A_43_P10	AI409042 Transcriber	0.95366	1.6847	14.62815	0.33911	0.06261	0.19384
A_42_P70	NM_01258 Steroid del	0.95347	1.74516	14.92956	-0.06548	0.19002	0.19811
A_42_P46	AI178668 Transcriber	0.95345	1.49639	20.80067	0.35117	0.29783	0.38393
A_42_P59	BQ204214 Glutaryl-Cc	0.95332	1.56813	20.08145	0.15362	-0.17375	0.20458
A_42_P55	NM_05353 Solute carr	0.95326	0.95665	12.47528	-0.01297	0.03848	0.119
A_43_P10	AW920527 Alcohol del	0.95323	2.08044	15.52484	0.26418	0.03878	0.13918
A_43_P12	NM_02270 GABA(A) r	0.95303	1.26062	12.94231	0.04691	0.11308	0.21456
A_43_P13	NM_13890 ER transm	0.95299	1.32605	11.12633	0.15137	-0.31168	0.04132
A_42_P78	BQ196433 Paraoxona	0.95273	1.01482	12.55361	0.18984	0.28234	0.31376
A_42_P71	AI112101 Retinoid X	0.95242	1.39983	15.49411	0.13631	0.16929	0.08445
A_43_P11	NM_01273 Retinol bin	0.95226	0.85929	10.28756	0.1431	-0.14569	0.07501
A_42_P79	AI412028 Transcriber	0.95216	1.79235	21.30468	-0.22166	-0.07564	-0.04552
A_42_P65	NM_05714 Hypothetic	0.95177	1.79193	10.54994	0.04565	-0.17908	-0.13155
A_43_P10	AI409014 Transcriber	0.95167	1.40864	14.27658	0.05401	0.01555	0.11581
A_43_P11	NM_01265 Serine prot	0.95166	2.6858	31.41626	0.17664	0.39856	0.35113
A_42_P68	NM_17330 Cytochrom	0.95146	1.54481	20.32928	0.27115	0.18691	0.1458
A_43_P11	NM_01279 Guanidino	0.95103	1.12371	15.28933	0.1506	0.37588	0.15796
A_42_P79	AA925702 Similar to h	0.95068	1.54186	14.7288	0.30605	0.22313	0.00144
A_43_P18	XM_57837 Similar to F	0.94977	1.31791	15.76453	0.24148	0.21137	0.38593
A_43_P12	NM_03173 Hypothetic	0.94972	1.35488	14.18091	0.37757	0.15303	0.11896
A_43_P16	AW533663 Transcriber	0.94917	2.84239	29.63916	0.07726	0.12197	0.28755
A_43_P14	AI059317 Similar to tl	0.94901	2.52785	13.67172	0.29736	0.20844	0.55784
A_43_P13	NM_13360 Enoyl-Coer	0.94874	1.65294	19.42695	0.44216	0.27876	0.39268
A_42_P57	NM_02053 Arylacetam	0.94857	1.3725	12.97806	-0.07982	-0.05604	0.24415
A_42_P53	NM_01274 Pyruvate c	0.94756	2.04527	25.78859	0.10334	-0.04111	-0.03602
A_42_P56	BF398657 Similar to c	0.94755	1.57573	13.71627	-0.1717	-0.01674	-0.09328
A_43_P13	NM_13443 Angiotensin	0.94655	1.82042	21.07965	0.0803	-0.05996	0.03469
A_42_P82	BQ203768 Transcriber	0.94646	1.15861	12.97448	0.3958	0.12641	0.35989
A_42_P64	AI028979 Agmatine u	0.94599	0.88728	12.05409	0.00708	-0.1011	0.00295
A_42_P70	NM_08057 Apolipopro	0.9456	1.06016	10.23515	-0.08319	0.13924	0.27772
A_42_P48	BQ204914 Hypothetic	0.94533	2.66149	20.7298	0.45313	0.18119	0.34673
A_42_P56	AI228265 Transcriber	0.945	1.17265	10.17808	0.34383	0.16111	0.1265
A_42_P68	BM385272 Similar to A	0.9446	1.68515	20.19678	0.08784	0.02767	0.20867
A_42_P69	AI058911 Angiopoieti	0.94457	2.03149	20.95393	0.15063	0.39614	0.46765

A_43_P18	BF413652	Transcriber	0.94441	0.52922	10.11733	0.14877	0.12837	0.08839
A_42_P70	AI180413	Apolipoprotein	0.94432	1.73535	17.76531	0.14975	0.26674	0.30667
A_43_P14	AI045864	Transcriber	0.94417	1.23952	9.47099	-0.00647	-0.23008	-0.02549
A_43_P15	U39943	Cytochrome	0.94404	2.26153	14.40421	0.20697	0.20479	0.3371
A_42_P80	BE103138	Homogentisin	0.94294	1.34754	15.85459	-0.07963	-0.17242	0.04644
A_43_P10	BQ199018	Similar to	0.94285	1.35548	12.71331	-0.04151	0.11767	0.09624
A_43_P11	NM_01281	Alpha-methyl	0.94172	2.55015	24.61683	-0.36798	-0.52224	-0.43882
A_43_P12	NM_02263	N-acetyltransferase	0.94132	2.47719	27.35231	0.07166	0.04976	0.19538
A_43_P22	CB547510	Similar to	0.94083	1.18256	9.58794	-0.33661	-3.20E-04	0.25646
A_43_P11	NM_01289	Aminolevulinic acid	0.94064	1.09929	11.97535	0.07101	-0.10359	0.05999
A_43_P14	NM_01915	Vitronectin	0.94001	1.69439	12.37225	0.04008	0.14383	0.27737
A_42_P70	BF282344	Acyl-Coenzyme	0.93981	1.14143	12.74971	0.15173	0.01823	0.34593
A_42_P61	NM_05390	5-oxoprolinase	0.93977	1.20218	11.98197	-0.14807	0.23491	0.19315
A_43_P10	AI137930	Serum amyloid	0.93946	1.26464	18.87114	-0.30719	-0.32878	-0.26227
A_43_P16	BQ783109	Aci-reductase	0.93941	1.35373	12.1566	-0.08579	-0.3657	-0.08209
A_42_P51	AA800318	Serine (or cysteine)	0.93926	0.93926	12.41558	0.15673	0.08685	0.21883
A_42_P47	NM_02165	Deiodinase	0.93907	1.63089	21.20909	-0.22	-0.07577	-0.08235
A_42_P66	AA955393	Transcriber	0.93879	0.98368	13.92733	0.20173	0.11546	0.15909
A_43_P13	NM_05709	Transcriptase	0.93812	0.63149	9.65188	-0.06054	0.03845	0.11626
A_42_P52	NM_05719	2,4-dienoyl	0.93793	1.19542	14.839	0.07366	0.05237	-0.09938
A_43_P12	NM_01933	Hypothetical	0.93792	0.96391	12.93428	0.31214	-0.0026	0.09668
A_42_P50	NM_01714	Coagulation	0.93791	1.01246	8.27229	0.03088	0.3448	0.04103
A_42_P60	BF282718	Similar to	0.9378	0.79988	10.02483	-0.0047	0.12088	0.24394
A_42_P56	AA942731	Transcriber	0.93725	1.28872	9.6167	0.20183	-0.06409	0.27308
A_42_P50	AA945912	Similar to	0.93711	0.73332	9.81166	-0.10526	-0.02015	0.06841
A_42_P61	AA859029	Transcriber	0.93652	1.03818	6.70604	0.08596	-0.22217	-0.23929
A_42_P57	BQ194905	Transcriber	0.93622	1.10988	15.83136	-0.04579	-0.28815	-0.10729
A_43_P15	NM_01720	S-adenosyl	0.93609	1.57561	20.98773	0.44019	0.48758	0.48535
A_42_P73	NM_01307	Ornithine	0.93601	1.59504	14.51438	0.32521	0.26603	0.4342
A_42_P79	NM_01717	Serum amyloid	0.936	2.33611	21.93288	-0.29615	0.01339	-0.08574
A_43_P17	AI059153	Transcriber	0.93544	1.86706	22.87808	-0.48456	-0.35775	-0.36455
A_42_P59	AI175709	Protein S	0.93525	1.29427	12.6842	-0.18875	0.20801	0.17323
A_42_P59	XM_57431	Plasminogen	0.93514	1.14087	9.8995	0.34233	0.34694	0.27798
A_42_P72	BF387306	Transcriber	0.93507	1.40547	12.77925	0.03725	0.14792	0.27668
A_43_P11	NM_01259	Mannose	0.93439	1.39823	10.03336	-0.00719	0.16411	-0.2143
A_42_P61	NM_01725	Gap junction	0.93415	1.33646	13.50212	0.18683	0.27674	0.16275
A_42_P70	NM_17203	Evectin-1	0.93389	1.1501	9.46234	-0.05243	-0.05045	-0.02264
A_42_P75	BI278309	Chaperone	0.93378	1.91101	27.92281	0.41119	0.58127	0.4497
A_43_P18	CB606021	Similar to	0.93322	0.85579	9.42872	-0.01846	-0.01008	0.25279
A_43_P12	NM_03241	Aldehyde	0.93304	1.10203	15.75587	0.22066	0.21357	0.25409
A_43_P15	NM_01702	Lecithin	0.93283	1.36308	9.20611	-0.09566	-0.12937	0.18485
A_43_P12	NM_02224	Phosphatidyl	0.93259	0.53908	10.7513	0.0815	0.15189	0.04898
A_43_P17	CB547996	Similar to	0.93225	0.77312	9.23118	0.13985	0.18259	0.23551
A_43_P18	CB548121	Similar to	0.932	1.35264	13.60881	-0.15424	0.07295	-0.12265
A_42_P76	AW251274	Similar to	0.93195	1.06488	12.16952	-0.13611	0.20144	-0.08022
A_43_P12	NM_01929	Cholinergic	0.93146	2.66223	19.28541	0.26289	0.56225	0.21069
A_42_P84	AI137930	Serum amyloid	0.93145	1.26647	21.27837	-0.33839	-0.28115	-0.30791
A_43_P10	BM383925	Transcriber	0.93142	1.56472	20.01027	0.20753	0.02348	0.11439
A_42_P81	NM_01708	Hydroxysteroid	0.93118	2.27694	17.77098	-0.08716	0.06161	0.26694
A_43_P17	BF406515	Spermidine	0.93069	1.0101	12.1866	-0.03959	-0.0457	-0.07965
A_42_P77	NM_01273	Cytochrome	0.93068	1.43932	13.5011	0.14847	0.40419	0.06153
A_42_P67	BE109381	Transcriber	0.93048	0.8363	13.57251	-0.12304	0.10428	-0.02407

A_42_P67	NM_01930	Cytochrom	0.93042	1.17187	16.82416	-0.02669	0.04237	-0.16414
A_43_P14	NM_05719	2,4-dienoyl	0.93039	1.10567	13.25578	-0.00264	-0.08866	-0.07521
A_42_P82	AI500758	Mannose b	0.93	1.07033	12.98129	-0.07172	-0.02172	-0.08513
A_42_P67	NM_01715	Histidine ar	0.92982	2.56373	20.03943	0.24896	-0.06611	0.21046
A_43_P12	NM_02239	Quinoid dif	0.92962	1.01387	15.3054	-0.24575	0.04861	0.00632
A_43_P12	NM_02008	Ribonuclea	0.92937	2.53297	19.74961	0.36507	0.55799	0.33395
A_42_P61	NM_02226	Liver glyco	0.92932	1.52353	18.62611	-0.07523	-0.42837	-0.12505
A_42_P73	NM_03175	Heat shock	0.92917	1.20163	11.78389	0.21308	0.31239	0.16095
A_43_P16	X59290	Eph recept	0.92914	1.21464	13.62033	0.24944	0.25973	0.41088
A_43_P19	CB547490	Transcriber	0.9291	1.28159	13.99662	-0.03791	0.0345	0.1401
A_43_P10	BF283489	CDNA clon	0.9284	2.20681	32.30075	0.27454	0.20824	0.3378
A_42_P54	NM_13358	N-myc dow	0.92836	2.18186	28.0846	0.47562	0.2458	0.3212
A_42_P75	NM_02413	Fatty acid	0.92831	0.78664	9.05275	-0.03286	-0.13369	-0.01913
A_42_P77	BF523598	Aldehyde d	0.92795	0.86169	11.10324	0.07633	0.15552	0.08297
A_43_P11	NM_01309	Glucose-6-	0.92776	2.06407	20.57603	0.32499	0.36938	0.47876
A_42_P67	BF420074	Transcriber	0.92765	0.7304	8.87261	-0.14809	-0.02094	0.05222
A_43_P15	NM_03168	Hydroxyac	0.92744	1.19884	14.21575	0.28451	0.21028	0.39535
A_42_P68	AA850247	Etoposide i	0.92719	1.13206	10.66402	0.21433	-0.07961	-0.11473
A_42_P78	NM_01269	Cytochrom	0.9268	1.64871	10.44487	-0.17989	-0.04866	-0.04359
A_43_P21	CB544545	Serine (or	0.92671	1.17878	10.31944	0.33089	0.16813	-0.09987
A_42_P64	BI285358	Similar to F	0.92656	1.00156	11.91489	0.09042	0.16425	0.26812
A_43_P12	NM_02251	Acetyl-Coe	0.92629	1.04602	11.08755	0.23053	0.22712	0.06306
A_43_P12	NM_02294	Inositol pol	0.92602	1.22763	8.48417	0.31421	0.09413	0.3898
A_43_P11	NM_01300	Phosphatic	0.92591	0.88114	7.80108	0.01386	-0.01249	0.16897
A_42_P77	AI716955	SH3 and c	0.92587	3.1489	15.68028	0.69208	0.79494	1.06951
A_42_P47	NM_03176	ATP-bindin	0.92581	1.45293	20.13906	0.48828	0.41889	0.39182
A_42_P52	NM_13359	GTP cyclo	0.9254	1.22645	14.14915	-0.24966	0.04248	0.10622
A_43_P14	AA818918	Data not fo	0.92527	1.77275	11.9794	0.34066	0.48298	0.41428
A_42_P59	AI030024	Transcriber	0.92456	1.15726	9.3831	-0.11039	0.19001	0.06585
A_43_P13	NM_13925	Bcl2 modify	0.9245	1.7453	10.36841	0.17008	0.3066	-0.02581
A_43_P10	BQ782596	Transcriber	0.92367	1.38898	11.45949	-0.08915	-0.21676	-0.15246
A_42_P58	BF551869	Similar to h	0.92346	3.10585	13.51519	0.22138	0.18492	0.40626
A_43_P15	NM_02174	Nuclear rec	0.92334	0.74225	12.87555	-0.04064	0.12388	-0.02468
A_42_P62	NM_03165	Data not fo	0.92323	1.4634	11.01115	-0.33014	-0.04885	0.06795
A_43_P17	BF416651	Similar to c	0.92254	1.35847	10.31916	0.34571	0.05395	0.20799
A_42_P49	AA893454	Transcriber	0.9225	1.12604	10.79232	-0.26696	-0.16771	-0.43644
A_42_P59	AI104248	Similar to E	0.92195	1.12268	13.32661	-0.03291	0.05349	0.10146
A_43_P15	NM_03109	Retinoblast	0.92158	0.64123	8.75015	0.05255	0.03355	0.08924
A_43_P11	NM_01311	Apolipopro	0.92113	1.80563	9.32521	0.17511	0.09803	0.01027
A_43_P17	CB547971	Interferon-r	0.92106	0.82754	10.09382	0.18045	0.16761	0.22218
A_43_P12	NM_02262	Butyrobeta	0.92082	1.50459	8.11098	0.2274	0.13615	-0.07384
A_43_P11	NM_01267	Serine prot	0.92005	2.63336	10.252	0.10803	-0.45096	-0.31396
A_43_P11	NM_01308	Syndecan	0.91993	1.16677	10.55378	-0.19259	-0.20301	-0.02417
A_42_P67	NM_13850	Sterol carri	0.9199	1.1272	14.67918	-0.25463	-0.1355	-0.149
A_42_P69	NM_01298	Nuclear fac	0.91988	1.30445	13.07347	0.03621	-0.1653	-0.10518
A_43_P11	NM_01718	Fumarylac	0.91986	0.81084	10.82001	0.26269	0.02784	0.21924
A_43_P11	NM_01290	Alpha 1 mi	0.91981	1.24474	10.77885	0.029	0.25778	0.07464
A_42_P80	NM_05334	Fetuin beta	0.91958	1.74032	16.80754	-0.31398	0.11046	-0.00664
A_43_P12	NM_03183	Sulfotransf	0.91952	1.85898	16.90413	0.46854	0.19191	0.54521
A_42_P78	AA875050	Ethanolam	0.91929	1.25327	14.07345	0.05187	0.28636	0.0943
A_42_P78	BM390716	Transcriber	0.91929	1.44208	12.22325	0.39609	0.33185	0.39905
A_42_P58	AI411335	Similar to b	0.91867	0.86959	10.85369	0.12472	0.19715	0.27398

A_42_P64	NM_01279	Flavin cont	0.9184	1.37887	13.01007	0.0367	-0.34908	-0.17053
A_42_P71	AA892922	Similar to c	0.9183	1.49302	16.20611	0.47226	0.18303	0.31364
A_42_P73	BI279016	Ubiquinol-c	0.91821	0.5699	8.41756	-0.02256	-8.10E-04	0.06941
A_43_P14	AA900269	Data not fo	0.91797	1.59486	24.22787	-0.41615	-0.37552	-0.39279
A_43_P10	BF283299	Similar to F	0.91791	0.98868	9.71792	0.29325	0.04164	0.23522
A_43_P23	BF551112	Transcribe	0.91789	1.24581	9.37828	0.32039	0.15448	0.37718
A_42_P62	AW914022	Transcribe	0.91774	1.26104	12.26104	-0.62446	0.10757	-0.00499
A_43_P11	AI574779	Syndecan	0.91773	1.17491	10.19812	-0.53595	0.0934	-0.15334
A_43_P11	NM_01709	C-reactive	0.91761	1.49393	12.4178	0.22611	0.4082	0.28633
A_43_P13	NM_07862	Enoyl Coer	0.91723	0.93861	10.58791	0.04945	0.23628	0.08511
A_42_P82	BM386671	Dermatopo	0.91691	1.47166	16.18869	0.10211	-0.0651	-0.0057
A_42_P80	BE106616	Transcribe	0.91627	0.98845	6.69243	-0.02633	-0.18277	-0.2003
A_43_P12	NM_02250	Cysteine-ri	0.91622	1.41719	16.1682	0.16074	-0.01047	0.0592
A_42_P78	AJ225642	Transferrin	0.91617	1.12805	10.10605	0.03772	-0.09757	-0.14889
A_42_P75	NM_01282	Alpha-2-gly	0.91609	0.86668	10.2705	-0.15992	0.09106	0.13468
A_42_P65	AI029057	Phytanoyl-l	0.91598	1.12531	16.30798	0.30128	0.22607	0.35949
A_42_P54	NM_01698	Acetyl-Coe	0.9156	1.298	12.58698	0.2914	0.40887	0.19039
A_43_P22	CB544705	Alstrom syr	0.9149	0.61845	8.90322	0.13197	-0.01487	0.22411
A_43_P22	CB547432	Data not fo	0.91451	0.57233	8.9591	0.13109	0.11723	0.17581
A_43_P14	BQ194792	Similar to F	0.91424	0.82928	10.91588	-0.19304	-0.12703	-0.08556
A_42_P48	BQ190585	Similar to E	0.91342	1.18933	11.5043	-0.1445	0.10149	0.17202
A_42_P67	NM_14578	Cytochrom	0.91327	2.95707	30.84852	0.5507	0.45146	0.46675
A_43_P10	BG381256	Transcribe	0.91313	0.87072	8.33861	0.14102	-0.12881	-0.05859
A_42_P58	AI169257	Sphingosin	0.91304	0.6965	11.34823	-0.01501	0.05504	0.03785
A_43_P12	NM_02270	Mannose b	0.91298	0.91564	9.19311	0.02424	0.33848	0.31725
A_43_P20	CB545475	Similar to S	0.91289	0.76599	8.10086	0.17346	0.24353	-0.12111
A_42_P56	NM_02259	Enoyl coen	0.91272	1.4026	16.76604	-0.14626	0.15236	0.15105
A_42_P58	NM_15331	Cytochrom	0.91243	3.05299	20.7188	0.08314	0.57397	0.31909
A_42_P73	NM_03160	Cytochrom	0.91187	2.4173	26.28049	-0.46769	-0.46509	-0.3637
A_42_P59	BF283298	Solute carr	0.91161	1.50441	19.35917	-0.14278	-0.26434	-0.21193
A_42_P47	BG373848	Kynurenine	0.91156	2.16091	13.56888	0.20167	0.93726	0.22415
A_42_P59	AI228630	WD repeat	0.91103	1.54512	10.53148	-0.12818	0.20986	0.17663
A_42_P71	BE116987	Tripartite r	0.91077	1.11013	7.882	0.07184	-0.21753	-0.06679
A_42_P68	U94856	Paraoxona	0.91063	1.35774	9.06709	-0.24777	0.14226	0.13589
A_43_P13	NM_05713	Phenylalky	0.91046	0.6616	10.43092	0.35625	0.13374	0.24603
A_42_P55	BE106598	Transcribe	0.91024	0.93532	14.24854	0.05941	-0.17523	-0.07557
A_43_P16	AI547683	Ac1158	0.91004	0.807	9.14413	0.17857	0.09461	0.28156
A_43_P12	NM_05354	Secreted fr	0.90999	0.72484	8.10722	0.16585	0.12324	0.26875
A_42_P78	NM_01711	Hepsin	0.90954	1.00162	11.37961	0.15108	0.38899	0.20353
A_43_P11	NM_01709	Cathepsin	0.90897	0.73637	7.40793	0.14882	-0.04663	-0.00965
A_43_P13	NM_05720	Myosin ligh	0.90688	0.48035	7.80453	0.02109	0.13257	0.16342
A_43_P11	AW252650	Electron-tra	0.90684	0.87681	8.1918	-0.26706	-0.15194	0.13125
A_43_P15	AY035343	Mg1 protei	0.90681	0.62934	7.01097	0.09012	-0.05691	0.1175
A_42_P53	BQ211924	Similar to p	0.90625	1.33991	15.34376	-0.3886	-0.48887	-0.45336
A_43_P21	CB547044	Similar to li	0.9062	1.14106	6.77041	-0.20079	0.13601	0.14953
A_43_P15	AF159245	Cytochrom	0.90586	0.89677	8.35871	0.10495	0.1152	0.27228
A_42_P70	NM_03102	Dihydropyr	0.90574	1.40141	14.75982	0.06618	0.02333	0.16321
A_42_P73	BG376172	Transcribe	0.90563	0.55052	9.44229	-0.05833	-0.06778	0.02681
A_43_P12	NM_02439	Hydroxyste	0.90535	0.8852	10.55949	-0.0491	0.17134	0.10473
A_42_P57	BE103914	Transcribe	0.90533	0.68826	10.04071	-0.11935	0.00199	0.02311
A_43_P19	BQ780912	Biphenyl hy	0.90526	1.40884	14.60092	-0.33599	0.15591	0.11228
A_42_P49	BQ210058	RAD51 ass	0.90491	1.17477	8.48303	-0.04962	0.24678	-0.04016

A_43_P12(NM_02007 3-hydroxya	0.90402	0.86385	9.34272	0.04223	-0.24398	-0.12374
A_43_P17(AW916573 Abhydrolas	0.90373	1.00261	8.32216	0.06143	0.05671	0.08042
A_43_P14(NM_01255 Fructose-1	0.90354	1.2328	11.76148	-0.030856	-0.1913	-0.00563
A_42_P75(BI275189 LOC50093	0.90346	2.03427	49.6445	0.53147	0.48865	0.55768
A_42_P66(AI237189 Transcriber	0.90339	0.85877	7.47647	0.04005	0.13593	0.00476
A_43_P13(NM_13853 MAWD bin	0.90337	1.74695	24.93395	-0.01029	0.17377	0.15554
A_43_P16(BE128586 Transcriber	0.90331	0.70882	6.31194	-0.15157	-0.03663	0.11798
A_42_P82(BM383154 Transcriber	0.90278	0.96715	10.57611	-0.33119	-0.15682	-0.19162
A_43_P23(BF550221 Leukocyte	0.90246	1.01599	7.31732	-0.1337	0.04726	-0.16667
A_43_P13(NM_05399 3-hydroxyb	0.90246	0.84859	8.25275	0.20094	0.23673	0.03944
A_42_P58(BF283584 Transcriber	0.90205	0.84142	9.02423	-0.27424	-0.04156	-0.01406
A_43_P15(AI716212 Data not fo	0.90186	1.00112	10.17702	-0.37405	0.019	-0.07737
A_42_P63(AI071177 Phosphatic	0.90176	1.22243	7.90862	-0.48944	0.10615	0.00731
A_43_P11(NM_01274 Similar to a	0.90084	1.45401	14.63381	0.15337	-0.1683	0.10858
A_43_P16(CA339405 Transcriber	0.9006	0.59498	7.88276	-0.18818	0.11309	0.09198
A_43_P16(AI599343 Similar to A	0.90054	0.82489	7.71916	-0.02618	0.13227	0.19924
A_43_P18(CB548115 Transcriber	0.8999	1.33611	13.08778	0.04085	0.23771	0.26226
A_42_P77(BG378278 Calcium re	0.89982	1.35394	18.54867	0.19834	3.00E-04	0.25757
A_43_P12(NM_05364 N-acylsphir	0.89977	1.17074	7.60107	0.25551	0.15545	0.35111
A_43_P19(BF565837 Transcriber	0.8995	1.8437	12.66021	0.11115	0.11817	0.30093
A_42_P50(AA892287 G protein-c	0.89949	0.96316	9.03757	0.00353	0.38857	0.40169
A_43_P23(BF549538 Similar to tl	0.89944	1.99849	10.09217	0.3363	0.30242	0.63905
A_42_P83(AA925871 Cathepsin I	0.89921	0.82353	9.81642	0.16716	-0.20694	0.07479
A_43_P15(CB547474 Tenascin X	0.89941	0.46897	6.45333	0.2251	0.00123	0.10459
A_43_P12(NM_03134 Fatty acid c	0.89864	0.85084	8.58475	0.13585	0.17594	-0.02321
A_42_P79(NM_02302 Cytochrom	0.89739	1.13959	14.84684	0.05217	-0.0993	0.10016
A_42_P68(NM_01719 Aminoadip;	0.89725	1.10707	10.46423	0.24617	0.07221	0.1387
A_42_P68(BM389496 Transcriber	0.89648	0.91991	8.30873	0.26915	0.05013	-0.07029
A_43_P10(BF283408 Similar to n	0.89636	0.95921	10.04843	0.13734	0.10612	0.1547
A_42_P78(BM386775 Absent in n	0.89617	1.12165	12.78671	-0.1294	-0.08188	-0.24094
A_43_P14(AI237189 Transcriber	0.89597	0.79842	6.39981	-0.11084	0.27672	-0.01343
A_43_P21(CB546351 Data not fo	0.89595	0.95858	8.29298	-0.21851	-0.11866	-0.1136
A_43_P19(CB545269 Adenylate r	0.89527	0.56568	8.96088	0.15574	0.18952	0.23192
A_43_P21(CB544400 Similar to S	0.89524	0.53736	7.87549	0.0095	0.09934	0.06306
A_43_P12(NM_03182 Vesicle-ass	0.89413	0.47464	8.38012	0.06276	0.17626	0.05035
A_42_P70(NM_01266 Steroid sull	0.89412	0.9957	14.71822	-0.10032	-0.09236	-0.02279
A_43_P11(NM_01255 Fibrinogen,	0.8941	1.67732	12.42308	-0.54274	-0.41211	-0.67632
A_42_P68(BI289820 Similar to b	0.89402	0.55797	7.77152	-0.00998	0.25513	0.16671
A_43_P20(CB545906 AT rich inte	0.89383	0.51074	8.52018	0.1262	0.0686	0.17745
A_42_P55(BF291027 Similar to C	0.89376	1.93023	23.88958	-0.2023	-0.33104	-0.16538
A_43_P13(AA818590 Chaperonir	0.89374	0.47356	6.41832	0.08481	-0.03481	0.13322
A_42_P59(BQ196010 PQ loop re	0.89372	1.70893	16.64042	0.533	0.27171	0.31373
A_43_P12(NM_03100 4-aminobut	0.8937	1.18959	7.54799	0.37944	-0.23608	0.03215
A_43_P12(NM_02252 Ornithine a	0.8936	2.18039	18.02062	-0.28622	-0.04722	0.06197
A_42_P53(AA851185 Transcriber	0.89357	2.17688	22.6286	0.59122	0.66235	0.83715
A_43_P12(NM_05333 Acyl-Coenz	0.89353	0.52052	8.15286	0.11775	0.14334	0.19606
A_43_P11(AI235446 Transcriber	0.89349	1.78688	10.82826	-0.23546	-0.55413	-0.22892
A_42_P62(NM_05353 Kruppel-lik	0.89316	0.92451	13.14604	0.30859	0.21583	0.38634
A_43_P15(NM_03198 Carnitine C	0.89286	1.82365	15.10236	0.87391	0.86295	0.7324
A_42_P58(BU760413 Similar to 2	0.89286	0.76365	13.54693	-0.1032	-0.15168	-0.26495
A_43_P16(X64915 Similar to T	0.89272	0.534	7.71377	0.11864	0.02763	0.20319
A_42_P48(BE111646 Acyl-Coenz	0.8924	1.59606	15.45868	-0.27131	-0.39876	-0.24032

A_43_P11	NM_01919	Selenoprot	0.89237	1.04746	10.81364	-0.41015	-0.31519	-0.37603
A_43_P11	NM_01292	CD59 antig	0.89137	1.02669	10.11253	-0.08526	-0.05104	-0.00669
A_42_P59	BF564460	ATP-bindin	0.89133	1.16091	6.3106	0.27993	-0.20176	-0.13914
A_43_P21	CB544598	Caspase 8	0.8911	0.5717	6.51503	0.14288	-0.09882	0.00585
A_43_P13	NM_13438	Dicarbonyl	0.89094	1.3133	13.267	0.05297	0.02573	0.30917
A_42_P54	BQ190716	Similar to g	0.89087	0.48669	7.85388	-0.06596	0.03813	-0.01602
A_42_P80	AI535124	Similar to L	0.8908	2.20069	24.83585	-0.1708	-0.05228	-0.19396
A_43_P10	CB606181	Parvin, bet	0.89073	0.68738	6.67388	0.0066	0.09821	0.29286
A_43_P17	BF282153	Similar to h	0.89069	1.95886	17.61556	-0.41229	-0.26609	-0.21713
A_42_P50	NM_14577	Acyl-Coenz	0.89062	1.43409	9.38332	0.03389	-0.19315	0.11386
A_43_P19	CB606075	Similar to n	0.89052	0.5157	8.64461	0.12999	0.19073	0.24224
A_42_P61	NM_01706	Lysosomal	0.89041	0.75678	9.99468	-0.25423	-0.01837	0.09086
A_43_P15	M35601	Fibrinogen,	0.89025	1.77495	12.39867	-0.65474	-0.685	-0.4586
A_43_P16	AI230287	Erythroid a	0.88923	0.46125	6.00302	-0.00618	0.0821	-0.19921
A_43_P17	AW914991	WD repeat	0.8891	1.33552	8.58507	0.18671	0.31631	0.09489
A_42_P71	NM_03115	Glutathione	0.88895	1.47449	13.59902	0.25443	0.29	0.46467
A_42_P46	BG672591	Plastin 3 (T	0.88894	0.84427	8.49186	-0.10477	0.04758	0.12657
A_42_P56	AI104482	Peroxisom:	0.88892	1.04072	13.13512	0.05307	0.25779	0.15772
A_42_P57	NM_03164	FXVD dom	0.88854	1.60258	10.34925	0.17504	0.06501	0.07054
A_43_P15	BM285375	Data not fo	0.88837	1.64025	20.84687	-0.56875	-0.4224	-0.62619
A_43_P21	CB546492	ATPase ty	0.88831	0.58997	6.57377	0.12161	0.16277	0.31668
A_43_P19	XM_34292	Pumilio 1 (I	0.88828	0.62641	7.93086	0.19171	0.1439	0.34504
A_43_P15	AF311886	Cytochrom	0.88825	1.33085	9.27023	-0.1253	0.07756	0.44622
A_43_P17	CB579930	RGD1561C	0.88824	0.51666	7.04587	0.08553	0.21471	-0.04474
A_43_P21	CB546609	Data not fo	0.88796	0.61674	6.7639	-0.08197	0.04175	0.03765
A_43_P14	CA507431	Regulator c	0.88769	0.87443	8.02553	0.2918	-0.12293	0.04625
A_43_P12	NM_05350	Non-metas	0.88762	0.8155	8.088	-0.26028	-0.08345	0.09831
A_42_P74	NM_03135	Attractin	0.88761	1.17218	9.42345	0.30605	-0.08304	0.06084
A_43_P15	AF436847	Compleme	0.88684	0.97556	7.09772	-0.19374	-0.05508	0.04309
A_42_P66	BF283409	Claudin 1	0.8868	1.59901	11.03151	0.40183	0.28297	0.33113
A_43_P20	CB546256	Transmem	0.88678	1.27915	9.43345	3.20E-04	0.0293	-0.13921
A_43_P12	NM_03172	Protease, s	0.88669	0.89235	8.89611	0.24505	0.0854	-0.10068
A_43_P11	NM_01302	Sialyltransf	0.88618	0.77696	6.80844	-0.13234	-0.15152	0.02201
A_43_P21	CB544468	Transcriber	0.88597	1.06852	9.38231	-0.06741	0.57266	0.20536
A_43_P11	NM_01720	Nuclear rec	0.88565	0.72789	7.97871	0.02935	0.03833	0.03414
A_42_P46	NM_01735	Inter-alpha	0.88451	1.13049	6.5334	-0.18935	0.09	0.03781
A_43_P10	BE109962	Homolog o	0.8844	0.60492	9.74668	-0.05703	-0.2509	-0.17322
A_43_P11	NM_01248	Acetyl-Coe	0.88387	1.19593	12.20642	0.11613	0.06252	0.09579
A_43_P14	NM_01936	Inter alpha	0.88377	0.98778	9.65424	-0.11948	-0.36551	-0.19868
A_43_P12	NM_03169	Claudin 1	0.88365	1.4188	9.85326	-0.09587	0.18728	0.40032
A_43_P13	NM_13918	Proline-rich	0.88359	0.98989	5.62774	-0.34381	0.23575	0.13818
A_43_P16	BF557235	Dual specif	0.88358	0.83224	8.13554	0.03642	-0.01366	0.27091
A_43_P11	NM_01264	Regenerati	0.88332	0.72384	9.06184	0.22166	0.34774	0.2537
A_42_P58	BQ201148	Transcriber	0.88331	1.05186	8.25456	0.18359	0.28025	0.27578
A_42_P55	BF548917	Similar to n	0.88307	0.58015	7.61538	0.15531	0.35724	0.04601
A_43_P11	NM_01250	Asialoglycc	0.88306	1.55369	11.71778	-0.06488	0.00921	-0.00104
A_43_P21	CB546389	Cyclin M1 (	0.88299	1.08482	8.33442	0.34422	-0.04786	0.1928
A_42_P63	AW141192	Tight juncti	0.88258	0.50691	5.81149	0.09241	-0.15067	0.17007
A_43_P15	AI060276	Hydroxy-de	0.88239	0.86208	7.32539	0.2147	-0.02003	0.45138
A_43_P15	BF407571	Neurturin	0.88228	1.3022	10.67641	0.19435	-0.13855	0.19102
A_43_P23	BF555408	Fibrinogen,	0.88224	2.06561	7.58372	-0.50151	-0.44299	-0.73359
A_43_P12	NM_03104	Inositol 1,4	0.88157	0.59258	5.83377	-0.17023	-0.0609	0.06554

A_42_P56: NM_13434	Microsoma	0.88143	1.16818	16.14384	-0.00552	0.1153	0.13864
A_42_P47: NM_03087	Pyruvate d	0.88139	0.68014	8.97089	-0.17999	-0.06886	0.0525
A_42_P75: NM_01288	Estrogen s	0.88116	1.78493	12.48812	-0.14451	0.11067	0.10292
A_43_P17: BF548000	Transcriber	0.88101	1.05582	11.61256	-0.43607	-0.22826	-0.23506
A_42_P76: AI146250	Transcriber	0.88052	1.36371	10.53344	-0.38364	-0.07129	0.32346
A_42_P77: BQ783106	Galactose-	0.8803	0.90132	8.98574	0.05864	-0.03438	-0.06901
A_42_P48: AW916024	Transcriber	0.87945	0.70046	7.43418	-0.1178	0.12593	0.12358
A_43_P12: NM_03123	SH3 domai	0.87925	0.73099	9.60222	-0.11031	0.0167	0.0918
A_42_P56: NM_02399	Protein kin	0.87833	1.00874	9.88718	0.16097	0.21252	0.3709
A_42_P60: AA817908	Similar to tr	0.87773	1.17765	7.70224	-0.09422	-0.03295	0.01968
A_42_P82: NM_17332	G protein-c	0.87737	0.72728	6.0774	0.29109	-0.10109	0.16625
A_43_P12: NM_05328	Orosomucc	0.87732	0.83921	6.90701	-0.14892	-0.41173	0.02277
A_43_P11: M10149	Aldolase B	0.87721	1.04149	8.48984	-0.19338	0.06769	-0.01187
A_43_P10: AA923852	RGD15596	0.877	1.93007	8.44806	0.74323	0.12427	0.32163
A_42_P83: NM_01259	Lipase, hep	0.87669	0.8409	6.71823	0.26536	-0.04336	0.25715
A_43_P23: BM389362	Data not fo	0.8765	0.50161	5.42275	0.18734	-0.08937	-0.0296
A_42_P60: NM_01936	Inter alpha	0.87646	1.20269	7.09813	-0.31193	-0.29839	-0.46178
A_43_P21: CB547253	Similar to n	0.87635	0.64535	8.42476	0.25149	0.16098	0.25615
A_42_P52: AA818774	Transcriber	0.87589	0.94202	9.58703	0.40827	0.07016	0.13904
A_42_P60: BQ200537	5 nucleotid	0.87565	0.8569	8.17922	-0.12328	-0.18175	-0.08934
A_43_P12: NM_02414	Bile acid C	0.87541	1.30414	11.17541	-0.06005	-0.45965	-0.21537
A_42_P60: NM_14475	Lysophosp	0.87521	1.58098	12.2488	0.21747	0.08956	0.04684
A_42_P51: BF289510	Data not fo	0.8748	0.5122	7.82837	-0.07074	-0.20102	0.1218
A_42_P48: AA819138	Sema dom	0.87472	0.99608	10.16776	-0.29956	-0.18507	-0.20882
A_42_P66: NM_02438	3-hydroxy-	0.87469	1.13948	11.87525	-0.05319	-0.07048	-0.0414
A_42_P78: NM_02286	Gephyrin	0.87458	0.75291	8.13632	-0.03068	-0.12354	0.12775
A_43_P11: AA945587	Cell divisio	0.87438	0.68877	6.92438	0.12984	-0.02784	-0.02502
A_43_P18: CB557326	Similar to F	0.8739	0.75856	5.90382	0.19175	-0.02821	0.21053
A_43_P12: NM_02415	Annexin A6	0.87386	1.7782	9.30092	0.46386	0.537637	0.42161
A_43_P13: CB546276	Transcriber	0.8735	0.51322	7.12729	0.19872	0.19927	0.27325
A_42_P83: NM_05400	Chymotryp	0.87317	0.80805	8.84945	-0.22612	-0.02009	0.01253
A_42_P45: BI395813	Electron-tra	0.87315	1.13183	15.02422	-0.00699	-0.23904	-0.05588
A_43_P12: NM_03065	Alanine-gly	0.87293	1.34055	8.13554	0.16996	-0.20913	-0.01194
A_42_P79: BM390311	Similar to F	0.87278	0.7299	6.77226	-0.09187	0.19882	0.28686
A_42_P57: NM_01319	Aminolevul	0.87222	1.01562	9.15347	-0.02894	-0.01786	0.35465
A_42_P66: NM_05377	Mitogen ac	0.87178	0.58833	9.83091	0.03568	0.13389	0.11148
A_42_P63: NM_03164	Similar to C	0.87165	0.63911	8.66177	-0.02415	0.03531	0.07227
A_43_P17: BE111863	Down synd	0.87161	1.37372	7.49041	0.01926	-0.29762	-0.04728
A_42_P80: BQ210311	H2A histon	0.87161	0.45513	5.02444	-0.01527	-0.13678	0.07312
A_42_P63: AI409880	Similar to s	0.87152	1.25033	8.06685	0.10962	-0.10969	-0.11008
A_42_P81: NM_13040	Compleme	0.87122	1.26824	11.37948	-0.22907	-0.2256	-0.07755
A_42_P73: AW253004	CDNA clon	0.87106	0.83103	12.76493	0.2217	0.454	0.54595
A_42_P64: BF564068	Transcriber	0.87106	1.136	8.65439	-0.02232	0.22782	0.00279
A_42_P76: BM386502	Zinc bindin	0.87083	0.95007	10.02565	-0.10358	0.01741	-0.06355
A_42_P47: BQ200761	Dehydroge	0.87077	0.80967	12.61734	0.17427	0.26218	0.2452
A_42_P74: BI295182	Transcriber	0.87059	0.54887	4.87027	0.01375	-0.12731	-0.07882
A_42_P76: BF283661	Transcriber	0.87025	1.02119	7.88207	-0.01961	-0.21146	-0.08314
A_42_P56: BM387365	Transcriber	0.8702	0.74505	6.84961	-0.19917	-0.01926	-0.0898
A_43_P13: BF549772	Similar to N	0.87009	0.58947	5.77952	-0.28865	-0.07282	-0.21321
A_43_P22: BF399573	Ankyrin 3, c	0.87001	0.83374	8.76037	0.15874	-0.00668	0.01467
A_43_P15: NM_02222	L-gulonolac	0.86987	0.79294	9.07742	0.20404	0.21527	-0.04103
A_43_P23: BF565100	Similar to F	0.86956	1.06847	4.93699	-0.0066	0.08331	0.35804

A_42_P73:BI276209	Transcriber	0.86946	1.18048	13.26501	0.60989	0.49071	0.3778
A_43_P17:BE098550	Taube nus	0.86932	0.54344	5.82795	0.125	0.21595	0.05316
A_43_P18:BF394275	Data not fo	0.86906	1.17535	10.62653	0.06166	-0.02177	0.30481
A_43_P13:NM_13884	Trans-golg	0.86901	0.46374	6.31467	-0.01517	0.05504	0.0642
A_43_P14:AI105272	Methylcrotc	0.86886	0.65175	8.10274	-0.07672	-0.09918	-0.08625
A_43_P19:CB548316	Arylsulfata	0.86861	0.62432	6.2944	-0.18681	0.14614	-0.10039
A_43_P21:CB546784	Zinc finger,	0.8686	0.73647	7.57902	0.23737	0.21517	0.29665
A_42_P64:XM_21864	Kallikrein 8	0.86854	0.65474	5.62338	0.02931	-0.10093	-0.06883
A_43_P13:NM_13441	Mg87 prote	0.86841	0.88752	9.25444	-0.33882	-0.22156	-0.16777
A_42_P65:AA924783	Transcriber	0.86828	1.49657	11.55175	-0.35632	0.35412	-0.17225
A_43_P12:NM_05384	Ureidoprop	0.868	1.36248	20.03338	-0.13996	-0.36347	-0.2734
A_43_P12:NM_02448	Aminolevul	0.86716	1.29071	14.22584	0.02533	-0.03553	0.17588
A_42_P63:NM_13439	LR8 proteir	0.86713	1.27735	15.15282	-0.24695	-0.0565	-0.03933
A_43_P22:AW920054	Similar to F	0.86697	0.69872	7.70996	-0.08727	-0.12506	0.05962
A_43_P10:AW525353	Transcriber	0.86636	1.31186	10.60058	0.03096	0.04456	0.2854
A_43_P19:XM_34586	Transcriptic	0.86633	1.22936	7.64049	-0.06572	-0.39142	0.03923
A_42_P80:BQ207841	Mitochondr	0.86617	0.56775	7.4712	-0.11364	0.01007	0.15092
A_42_P70:BI301467	Similar to n	0.86512	0.92537	8.64064	-0.14708	-0.02642	-0.02116
A_42_P47:AI070303	Marapsin	0.86508	0.88253	7.94637	0.07672	0.08407	0.30776
A_42_P60:NM_01289	Acyl-Coenz	0.86501	0.73584	12.23449	-0.02104	-0.14524	-0.0664
A_43_P10:CA338881	Transcriber	0.86491	1.00749	8.30122	0.04223	-0.14916	-0.19275
A_42_P62:BU759022	Retinoic ac	0.86479	1.65474	17.89532	0.06405	0.31128	0.32461
A_43_P11:BQ209481	Transcriber	0.86453	0.47599	6.63842	0.13854	0.03682	0.09834
A_43_P22:AW916496	Similar to k	0.86409	0.86365	6.75628	-0.09866	0.22645	0.08823
A_43_P17:CB545332	Thrombos	0.86398	0.51028	5.77258	-0.03607	-0.0071	-0.03466
A_43_P14:NM_05337	Fractured c	0.86357	0.70284	9.10476	-0.10918	-0.08487	0.07966
A_42_P68:AI231074	Zinc finger	0.86355	0.96739	9.84333	-0.22419	-0.1189	0.02355
A_42_P49:BQ190082	Proteasom	0.86328	0.60316	6.71406	0.23966	-0.06802	-0.06154
A_43_P15:BE099050	Transcriber	0.86294	0.67955	8.69872	0.00812	0.06744	0.229
A_42_P64:BF284887	RGD15656	0.86281	0.92692	8.56149	0.16281	-0.17129	-0.05087
A_42_P53:BG374689	Transmem	0.86228	0.7333	5.97475	-0.42202	0.13842	0.07819
A_42_P50:NM_13910	Fasting-ind	0.86135	1.1063	13.72836	0.35076	0.43984	0.40466
A_43_P22:CB547333	Data not fo	0.86106	0.94684	5.96744	0.23811	0.04102	0.00943
A_42_P47:BQ209985	Transcriber	0.86026	0.89611	5.0386	-0.20086	0.21291	0.27159
A_43_P16:AI059087	Protease ir	0.86015	0.85547	7.76813	0.01092	0.09181	0.01399
A_42_P54:AA900084	DNA2 DNA	0.85996	0.79237	6.34791	-0.09339	0.02196	0.05321
A_43_P13:CA510594	Similar to F	0.85951	0.60364	7.19346	0.20212	0.09514	0.23975
A_42_P49:BM383048	Transcriber	0.85936	0.59392	7.28871	0.14578	-0.14639	-0.17505
A_43_P11:NM_01289	Adenosine	0.85908	0.76593	5.97041	-0.09151	0.14057	-0.16343
A_42_P63:BG663315	Atlastin-like	0.85906	0.59811	6.28719	0.25231	-0.02484	0.13054
A_43_P18:BF566173	Similar to t	0.85877	0.72251	5.83504	0.19049	-0.1751	0.1114
A_42_P75:AW253720	CDNA clon	0.85848	0.85968	7.76111	0.13599	0.17438	0.16715
A_43_P14:AI112801	Similar to h	0.85836	0.83192	4.92605	-0.11115	-0.11965	-0.0609
A_42_P69:BM383860	Similar to h	0.8581	1.32447	17.60365	-0.1435	0.24529	0.14277
A_42_P73:BF420633	Transcriber	0.85762	1.18899	9.06575	-0.14481	-0.06458	-0.0747
A_43_P15:NM_01711	Kidney spe	0.85725	1.26668	13.75473	0.22397	0.23541	0.19938
A_43_P11:NM_01251	Compleme	0.85722	1.3761	10.08066	-0.55927	-0.52115	-0.27717
A_43_P11:CB547758	Similar to F	0.85715	0.6289	7.10088	0.11545	0.163	0.25297
A_43_P11:NM_01272	Kallikrein B	0.85703	2.14749	9.62875	-0.11446	-0.04485	-0.00456
A_43_P13:CB547811	Nucleobind	0.85697	0.45511	5.39008	0.14525	0.1183	0.27618
A_43_P17:BF389535	Similar to [I	0.85695	1.18854	7.36248	0.04215	-0.13498	-0.23986
A_43_P17:CB547977	Vacuolar p	0.85659	0.54073	6.19317	0.03951	0.00555	0.21328

A_42_P69	NM_13356	Brain prote	0.85654	0.55997	6.7799	0.2104	0.00259	0.0743
A_43_P21	CB547160	Similar to p	0.85649	0.88518	6.89232	-0.00544	-0.1152	0.30176
A_42_P50	AA819329	Similar to F	0.85611	0.96473	15.32932	-0.05179	-0.21535	-0.17241
A_42_P74	AA800927	Membrane	0.85531	0.48804	5.32316	-0.19657	0.09408	-0.0108
A_43_P14	BF290788	Transcribe	0.8552	1.09581	13.78119	-0.24172	-0.25601	-0.23555
A_42_P57	BU758792	Transcribe	0.85498	0.62931	6.86598	-0.25018	-0.00168	0.00992
A_43_P21	CB544566	Transcribe	0.85481	0.52529	7.18616	0.1169	0.09822	0.19662
A_42_P69	BM389499	Similar to F	0.85441	0.52644	6.85259	0.19068	-0.1836	0.09154
A_42_P59	BF561637	Transcribe	0.85376	0.97904	7.01624	-0.2337	-0.19907	-0.0562
A_42_P54	NM_01255	Fructose-1	0.85284	1.1046	11.39542	-0.204	-0.00874	-0.03761
A_42_P82	BI296346	Similar to F	0.85237	1.62361	16.76918	-0.83046	-0.73157	-0.85403
A_43_P23	BF560898	SH2 domai	0.85174	0.88375	7.59656	0.15598	0.12325	0.2725
A_42_P82	NM_01702	Lactate del	0.85138	0.98903	9.05168	-0.26101	-0.21778	-0.24952
A_43_P10	BF391339	Fibroblast	0.85135	0.79673	8.13948	0.0267	-0.17578	0.0368
A_42_P73	BE120171	Coronin, ac	0.85122	0.65591	8.04741	0.04772	0.09767	0.3261
A_42_P66	BF555225	Similar to c	0.85098	0.99273	8.58515	-0.34622	-0.47378	-0.25197
A_42_P84	BI294986	Interferon r	0.8507	0.63989	6.43244	0.12387	0.06794	0.02829
A_42_P54	NM_14720	Cytochrom	0.85004	3.24001	16.24256	0.06616	0.20843	0.34862
A_43_P10	BG380347	Guanine nu	0.85	0.9693	11.34271	-0.19505	-0.25965	-0.55963
A_43_P22	BE113863	Data not fo	0.85001	0.57368	6.45597	0.07457	0.27774	0.20185

m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov
-0.01158	0.1304	0.12292	0.11307	0.20305	-0.19519	0.10917	-0.1994	-0.04393
0.1757	-0.02625	-0.13241	-0.22621	-0.10733	-0.29763	-0.1679	-0.38621	-0.15194
0.40437	0.16868	0.12494	0.13113	0.28145	0.2079	0.32725	0.08459	0.14436
0.20014	0.15522	0.20552	0.0191	0.08211	-0.0394	0.05048	-0.07987	-0.06849
0.33669	0.06578	-0.027	0.09841	0.10252	-0.35331	-0.08294	-0.30832	-0.18867
0.04646	-0.03464	-0.01528	0.00699	0.06355	-0.28156	0.07882	-0.14242	-0.19975
0.34437	0.02867	-0.02848	-0.19861	0.03063	-0.10191	0.07592	-0.12397	-0.05707
0.16462	2.90E-04	-0.05118	0.07107	0.07916	0.008	-0.1194	-0.08434	-0.19028
0.5258	-0.00147	-0.0123	0.04407	-0.02451	-0.69618	-0.731	-0.7192	-0.95123
0.15071	0.13572	-0.0524	0.30337	0.33682	-0.09137	0.08611	0.07977	0.10835
0.05289	-0.07008	0.10165	0.16867	0.25554	-0.03011	0.05444	-0.15262	-0.10031
0.35579	0.09317	-0.04793	0.0686	0.19188	-0.08009	-0.39155	-0.06194	-0.29011
0.10792	0.07704	0.01028	0.21052	0.30377	-0.18641	-0.03996	-0.17942	-0.11372
-0.03471	-0.12256	0.02882	-0.04885	0.03797	-0.03843	0.18792	-0.10463	-0.1223
0.21244	-0.00656	0.0862	-0.10201	0.05426	-0.18583	-0.09002	-0.27676	-0.16387
0.20035	0.06105	-0.12104	0.08162	0.15507	-0.16855	0.15997	-0.02033	-0.00748
0.21729	0.05412	0.10267	-0.04277	-0.00318	-0.04439	0.02159	-0.00615	-0.11159
0.28377	0.25716	0.16977	-0.06869	0.05139	-0.2381	-0.21534	-0.25921	-0.26023
0.17582	0.204	0.11502	0.05628	0.21594	-0.10914	0.25933	0.08905	0.1276
0.16237	0.01118	-0.03151	-0.11519	-4.10E-04	-0.17457	-0.06058	-0.21477	-0.36281
0.12959	0.1189	0.0293	0.00472	0.15564	0.02572	-0.08353	-0.14513	-0.06511
0.29321	-0.03813	-0.06067	0.11323	0.23346	0.09051	0.1277	-0.02158	0.15708
0.16069	0.07726	0.05695	0.03884	0.19944	0.04922	0.04982	-0.15771	-0.07654
0.02561	-0.16105	-0.12454	-0.05325	0.05833	0.26018	0.39005	0.54106	0.30358
0.13926	-0.06005	-0.02285	-0.34531	-0.17288	-0.05125	0.01874	0.11572	-0.01936
0.06272	0.06003	-0.0986	-0.08052	0.04677	-0.11098	0.0159	-0.01773	-0.03474
-0.05931	0.01838	-0.13413	0.17743	0.2342	-0.15901	0.13593	0.1279	0.04952
-0.03816	0.04619	0.08332	-0.16761	0.15893	-0.14659	-0.04044	-0.36226	-0.18015
-0.12117	0.37491	0.48966	0.31699	0.17756	-0.23121	-0.31668	-0.28845	-0.43316
0.09504	0.1214	0.01268	0.15927	0.17912	-0.18903	-0.03527	-0.11806	-0.10946
-0.08886	-0.00228	-0.00811	-0.17002	-0.12047	-0.02638	-0.19121	-0.21159	-0.27837
0.09593	-0.03979	-0.0707	-0.0191	0.2225	-0.10336	0.29186	-0.07279	0.06661
0.3686	-0.21507	-0.25125	-0.04422	-0.0312	-0.11515	-0.11748	-0.33248	-0.01417
0.27155	0.16577	0.12247	0.29118	0.32252	-0.06833	-0.05697	-0.00105	-0.016
-0.13616	0.16061	0.12578	0.31509	0.38701	-0.15327	0.04426	-0.12604	-0.04925
0.06143	0.10949	0.01703	0.19915	0.18269	-0.15877	-0.22178	-0.01318	-0.11915
0.28374	0.01187	-0.04931	-0.3029	0.11957	-0.19228	-0.00783	-0.34338	-0.1315
0.04231	-0.09797	-0.07738	-0.01278	-0.00181	-0.10342	-0.1512	-0.04001	-0.06176
0.18072	-0.0612	-0.04694	0.20816	0.21009	-0.00144	0.13538	0.14587	7.20E-04
0.33159	0.15824	0.02962	-0.09503	0.36008	0.04173	0.10091	-0.25761	0.04026
0.03521	-0.15159	-0.15192	-0.14081	-0.07176	-0.20186	-0.14728	-0.14089	-0.05106
0.25052	0.06542	-0.05311	0.03792	0.14931	-0.44835	-0.21016	-0.19342	-0.36374
0.22921	0.1586	0.18708	0.16382	0.30073	-0.18423	0.02118	-0.02454	-0.11575
0.32926	0.3382	0.335	-0.09378	0.19677	-0.14966	0.03188	-0.29656	-0.04167
0.23058	-0.09873	-0.13572	0.02825	0.03448	0.42995	0.44724	0.34061	0.32758
0.29433	-0.1292	0.00951	0.22207	0.20099	0.30292	0.25819	0.18644	0.18513
-0.24916	0.25206	0.22118	0.24356	-0.00281	0.36884	0.20246	0.31758	0.07548
0.44719	0.1206	-0.00475	0.1147	0.15142	-0.2995	-0.28304	-0.30956	-0.26711
-0.16731	-0.07436	-0.10708	-0.27683	-0.15825	-0.17147	-0.08358	-0.19444	-0.17977
0.32977	0.0024	-0.04209	-0.24602	0.04145	-0.44337	-0.23552	-0.42338	-0.29013
0.0435	0.17761	0.11558	-0.14738	0.0618	-0.33179	0.1272	-0.3835	-0.1417

0.01087	-0.01915	-0.03956	-0.01335	0.16276	-0.16646	0.13151	-0.12934	-0.08288
0.66706	-0.19579	-0.07235	-0.08245	0.04689	0.01077	-0.08863	-0.01009	-0.036
0.06043	0.07144	-0.04084	0.10565	0.33195	-0.09273	0.00788	-0.09749	-0.0428
0.24858	-0.00533	-0.00836	0.06913	0.16497	-0.16298	-0.11668	-0.17926	-0.0975
0.1338	0.08272	-0.08798	-0.02252	0.14439	-0.17329	0.08576	-0.02674	-0.06053
0.17897	-0.10641	-0.14519	-0.5948	-0.34923	-0.14923	-0.54327	-0.42619	-0.58789
0.13544	-0.12063	-0.18083	-0.1508	-0.05544	0.31673	0.5669	0.62516	0.43162
0.37804	-0.33934	-0.21254	0.12446	0.20858	-0.32195	-0.02855	-0.27356	-0.25319
0.11948	-0.08811	0.03214	-0.10515	0.0082	0.24451	0.14264	0.04306	0.0936
0.50272	0.28968	0.20898	-0.0318	0.33519	-0.1439	0.08703	-0.20866	-0.06461
-0.00488	0.08381	-0.1333	0.25093	0.27131	-0.15699	0.18416	0.09075	0.03225
0.00604	0.2821	0.2916	0.34528	0.35741	0.00442	0.01451	-0.02206	-0.12387
0.04446	0.14157	0.13243	0.34489	0.42491	-0.53013	-0.36522	-0.44485	-0.48569
0.19219	0.10927	0.08453	0.14741	0.27394	-0.00522	-0.04198	-0.02228	-0.02613
0.32398	0.47143	0.30958	0.1134	0.49356	0.35385	0.22753	-0.18249	0.35587
0.21056	-0.00393	0.04702	0.01115	0.04079	0.11141	0.2279	0.0535	0.15168
0.08885	-0.08319	-0.10623	-0.0289	0.08339	0.09737	0.05075	0.09072	0.06475
0.15499	0.14909	0.09561	0.26611	0.3051	-0.41086	-0.13086	-0.10127	-0.16482
0.1973	-0.28993	-0.18597	-0.42753	-0.28443	0.13171	-0.02458	-0.16689	-0.02247
0.26072	0.05182	-0.06664	-0.43457	-0.02851	-0.21266	-0.29379	-0.45189	-0.39164
0.32273	0.07208	0.09678	0.01301	0.09325	-0.01369	-0.01948	-0.15165	-0.04268
0.17865	0.07444	-0.0339	0.28447	0.37193	-0.10932	0.06268	-0.08335	-0.01349
0.12852	0.08111	0.0905	0.08201	0.17704	-0.14629	-1.80E-04	0.03767	-0.08304
0.39865	0.09518	-0.02862	-0.219	0.03165	0.29945	0.14387	-0.2024	0.07635
0.15141	0.0285	0.01709	-0.30111	0.03569	-0.06191	0.13809	-0.11598	0.12258
0.12495	0.02931	-0.08292	-0.14652	-0.01218	-0.09254	-0.1362	-0.09796	0.08382
0.23628	-0.07368	0.09128	-0.03911	0.03861	-0.10072	0.01759	-0.26903	-0.1489
-0.04629	-0.03144	-0.14445	-0.20993	-0.19448	-0.0285	0.02129	-0.03172	0.07947
0.00884	-0.15697	-0.23625	0.10388	0.10131	-0.16766	0.15883	0.01586	0.00507
-0.04496	-0.24778	0.06448	0.18761	-0.01756	-0.0475	-0.15666	-0.12477	-0.28495
-0.14367	-0.26673	-0.27032	-0.32652	-0.23622	-0.38644	0.26276	-0.06487	-0.19403
0.12283	0.13893	0.01219	0.25751	0.36161	-0.07298	0.02394	-0.21239	-0.2318
0.38703	-0.04902	-0.15583	-0.33827	-0.15715	-0.15181	-0.04438	-0.10325	-0.04399
0.21676	0.02784	-0.15356	-0.15135	0.05726	-0.48129	-0.18392	-0.33051	-0.30592
0.22441	0.07099	-0.07093	0.14065	0.13775	-0.18314	-0.14604	-0.14657	-0.24023
0.14393	-0.21732	-0.33384	-0.25062	-0.12628	-0.25585	-0.27339	-0.51609	-0.47836
0.3008	-0.09138	0.03996	0.02732	0.10899	0.14768	0.25537	0.1516	0.04249
0.11558	0.1339	0.02698	0.09916	0.25369	-0.07959	0.16631	-0.04216	0.0668
0.30956	-0.05381	-0.09316	-0.14625	0.00962	-0.34966	-0.15164	-0.36625	-0.22577
0.50992	0.11485	0.05804	0.18458	0.13335	-0.61434	-0.52539	-0.69714	-0.91641
0.52731	0.02417	0.08281	0.01342	0.18868	0.24768	0.09586	0.13162	0.41393
0.14997	-0.18082	-0.09433	-0.17044	0.01741	0.10507	-0.04393	-0.17975	-0.10685
0.08439	0.18331	0.03355	0.17338	0.19448	-0.09023	-0.19672	-0.12753	-0.04311
0.07408	-0.03417	-0.02922	-0.18309	-0.06454	0.3521	0.16084	0.10723	0.19263
0.20553	0.06366	-0.09171	-0.20063	0.08565	-0.20302	-0.09426	-0.27044	-0.14842
0.50359	0.08532	0.0656	0.10878	0.20655	-0.19399	0.0029	-0.31418	-0.18856
0.16468	0.10744	0.08022	0.12878	0.27747	0.07949	0.20062	-0.00656	0.06061
0.14336	0.13196	-0.073	0.03618	0.25925	-0.20916	0.16457	0.13756	0.13111
0.42631	-0.16377	-0.03932	-0.10116	-0.02859	-0.26854	-0.34648	-0.45774	-0.39584
0.213	0.08895	0.01598	-0.15595	-0.0956	0.35071	0.34882	0.03596	0.13775
0.00833	0.0182	-0.07949	-0.07919	0.04679	-0.32637	0.17921	-0.03493	-0.18324
0.33519	0.04954	-0.144	0.15371	0.13735	-0.44821	-0.2724	-0.28934	-0.32633

0.13777	0.13755	-0.04346	-0.05703	0.00637	-0.06724	-0.03143	-0.05528	-0.07155
0.13424	-0.0343	0.07601	-0.22798	-0.04968	-0.09211	0.17063	-0.0534	-0.01708
-0.08698	-0.24098	-0.17307	-0.14885	0.00209	-0.06813	0.15274	-0.25188	-0.04123
0.3813	0.02687	0.02073	-0.33779	-0.08138	-0.06134	-0.21311	-0.44464	-0.14745
0.08731	0.33438	0.27696	0.19799	0.31322	0.14683	0.32654	0.10222	0.17023
0.23008	-0.12803	-0.05573	-0.10086	0.25827	-0.14641	-0.26126	-0.42478	-0.23881
-0.46704	-0.14383	-0.16732	-0.6968	-0.44694	-0.23142	-0.07669	-0.25972	-0.2407
0.05202	-0.03177	0.11665	-0.02707	-0.08339	-0.27749	-0.2625	-0.21246	-0.51714
0.07827	0.02681	0.04211	0.08287	0.28678	-0.05203	0.44734	0.12872	0.04651
0.05986	0.19718	0.10944	-0.22314	-0.00502	-0.15737	0.06643	-0.27397	-0.03602
0.2407	0.16504	0.10127	0.02209	0.31835	-0.16934	0.31572	0.06658	0.06931
0.24975	0.12873	0.09767	-0.13066	0.17599	-0.08537	0.36896	0.01117	0.14186
0.01438	0.00128	0.13125	-0.00164	-0.12134	-0.1915	-0.38549	-0.09673	-0.2543
-0.23842	0.02651	-0.13066	-0.10085	-0.05434	-0.01834	0.11216	0.10207	0.02534
-0.03238	-0.44873	-0.06296	0.03039	0.06208	-0.12975	-0.13239	-0.29009	-0.12529
0.08416	0.13717	-0.0698	-0.15282	0.16309	-0.28323	0.11208	-0.05791	0.01898
-0.08434	0.04113	0.191	0.09052	0.15516	-0.08266	-0.18678	-0.35753	-0.25583
0.09888	-0.00732	0.07234	0.12836	0.27135	0.18335	0.43092	0.12455	0.18335
0.02762	-0.01329	0.02707	0.19578	0.10119	-0.10601	-0.12095	0.02365	-0.07857
-0.01561	-0.04774	-0.07011	-0.26632	-0.14669	0.02175	-0.01395	-0.11368	-0.01525
0.13598	0.1264	-0.0091	0.22583	0.33883	-0.25004	-0.08095	-0.04069	-0.0176
0.12699	-0.02338	-0.10807	-0.06616	0.01749	-0.03267	-0.13168	-0.13806	-0.26252
0.10203	0.03984	0.08223	0.02508	0.17476	-0.15307	0.0249	-0.12318	-0.15066
0.23065	-0.0904	-0.17507	-0.09408	-0.13872	0.03087	-0.15216	-0.06616	-0.02708
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0.02718	0.03147	-0.07608	0.09074	0.19077	-0.052	-0.10992	-0.27281	-0.18464
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0.44585	-0.03221	-0.0266	-0.16143	0.04508	-0.00909	-0.04402	-0.17683	-0.03906
0.48353	-0.00126	-0.01662	-0.39925	-0.1509	-0.11242	0.12968	-0.23024	-0.06239
-0.05536	-0.12422	-0.10679	-0.04286	0.21382	0.19248	0.24185	0.24829	0.17185
-0.52592	-0.1198	-0.20932	-0.42498	-0.15026	-0.13455	0.19793	0.10628	0.11978
0.00689	-0.24682	-0.01438	-0.09568	-0.24324	-0.16384	-0.20112	-0.28549	-0.46137
0.09102	0.11524	0.01315	0.31687	0.34496	-0.1713	0.04743	0.03621	0.00239
0.29373	-0.28747	-0.10423	-0.15119	0.00356	-0.36032	-0.3461	-0.50235	-0.38963
0.01738	-0.05308	0.04873	0.0605	0.13653	0.14309	-0.19489	-0.13592	-0.00138
0.04458	0.20191	0.0506	0.42386	0.48098	-0.08352	0.3651	0.3188	0.14374
-0.10808	0.1281	0.01876	0.25826	0.18691	-0.12557	-0.15804	-0.20251	-0.24235
0.31592	0.37089	0.24462	0.43489	0.42039	0.09815	0.20069	0.29416	0.15565
0.12876	0.02589	0.00888	0.13147	0.29028	-0.18578	0.11823	-0.02765	-0.00937
0.14971	0.04191	-0.03061	0.13723	0.13374	-0.32702	-0.10733	-0.113	-0.18793
0.18767	0.04337	0.01042	0.04314	0.25101	-0.0344	0.20616	0.10893	-0.00311
0.02923	0.02937	-0.0065	0.07739	-0.02199	-0.14968	-0.02703	-0.12724	-0.13999
0.19883	-0.02574	0.01961	0.30489	0.25597	-0.09001	0.03316	0.03836	-0.06667
-0.04872	-0.24569	-0.09274	0.00415	0.05818	-0.16126	-0.35657	-0.4145	-0.28523
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0.0094	0.2461	0.15914	0.38734	0.1684	-0.37298	-0.3193	-0.32628	-0.56905
-0.40009	-0.0403	-0.08214	-0.09617	-0.0117	-0.04418	0.13398	0.13018	0.03737
0.10635	-0.45521	-0.41832	-0.20446	-0.10015	-0.72767	-0.62856	-0.7355	-0.72064
0.28717	0.02004	0.00814	-0.37156	0.01469	-0.92259	-0.74533	-1.10322	-0.91286
-0.01299	-0.19929	-3.60E-04	-0.12631	-0.00534	0.06287	0.05159	-0.17877	-0.02645
0.31533	0.18977	0.07437	-0.12083	-0.04522	-0.19281	-0.6855	-0.40444	-0.24794
-0.01021	-0.06858	0.13324	0.16203	0.04435	0.10034	0.12849	0.07281	0.14477

-0.17379	0.18229	0.26095	0.40247	0.32436	0.10288	0.12259	0.07798	0.07854
0.05109	-0.06503	-0.03834	-0.27476	-0.05891	-0.0173	0.11621	-0.07104	-0.03517
-0.08398	0.19016	0.16348	0.22364	0.24322	0.02721	0.02853	-0.07956	-0.13753
0.32408	0.0793	-0.03276	-0.13509	0.11585	0.67622	0.92077	0.79525	0.88536
-0.1231	0.17797	0.09432	0.11146	0.2156	-0.26359	-0.11694	-0.27273	-0.07766
0.46752	0.02127	0.03882	0.12858	0.16719	-0.39338	-0.68456	-0.547	-0.47021
-0.02695	0.33869	0.27549	0.38878	0.49256	-0.24156	-0.05501	-0.32261	-0.19221
0.33908	0.11783	-0.10102	0.04964	0.16082	0.0734	0.04199	-0.21358	-0.17484
0.46893	0.14162	0.09524	0.06577	0.10668	-0.23819	-0.46133	-0.18809	-0.09164
0.21986	0.08122	0.04876	0.28412	0.26424	-0.1309	-0.3814	-0.23888	-0.17337
0.35898	0.17271	0.13502	0.22099	0.36777	0.15049	0.23982	0.1083	0.26006
0.40431	0.34367	0.22747	0.15366	0.35324	-0.11868	0.04348	-0.15065	-0.10682
0.06425	0.09611	-0.01437	-0.177	0.01216	0.14492	-0.06647	-0.09009	-0.04057
0.0521	-0.11294	-0.1691	-0.01807	0.22323	-0.0635	0.00686	-0.05196	0.05618
0.34496	0.72368	0.61071	0.30695	0.48597	-0.32084	-0.04493	-0.29568	-0.14612
-0.04494	-0.11872	0.08442	0.14623	-0.10126	-0.35559	-0.08482	0.03001	0.04624
0.17407	0.11441	0.02686	0.27504	0.38374	-0.31786	0.07716	-0.08841	-0.17613
0.16984	0.08949	0.05247	0.19663	0.44215	0.11843	0.01076	-0.07634	0.04742
0.16907	0.04342	0.08858	-0.23738	0.09813	0.3052	-0.12188	0.12323	0.2469
0.2358	-0.13211	-0.14243	-0.02929	0.0508	-0.09327	-0.43414	-0.34941	-0.11973
0.20608	0.03378	0.11768	0.24686	0.31043	-0.04574	0.15664	-0.01376	-0.06839
0.15744	-0.01506	0.03395	0.08733	0.31002	-0.04542	0.04036	-0.08671	0.08256
0.12297	-0.38321	0.04001	-0.43602	-0.27543	0.07554	0.11032	-0.05185	0.11859
0.11	0.08415	-0.04495	0.13565	0.37151	-0.14364	0.23509	-0.09604	0.03214
1.16928	0.82524	0.64564	0.95911	0.72452	0.11028	-0.44797	0.08037	-0.27604
0.29145	0.21442	0.10458	0.00683	0.20738	-0.05438	0.21594	-0.06476	0.11765
0.02335	-0.26801	-0.14403	0.21597	0.12891	-0.22738	-0.09671	-0.07172	-0.28528
0.22979	-0.00808	-0.04916	-0.49077	-0.25427	-0.11041	0.02066	-0.02502	0.11153
-0.22597	0.03824	0.02863	-0.14512	-0.29765	0.04775	0.15124	0.10556	0.0226
0.11763	0.44516	0.3342	0.22693	0.13038	0.19097	-0.23415	-0.41337	-0.05651
-0.16593	-0.20757	-0.24593	-0.56393	-0.45701	-0.16846	-0.24133	-0.43759	-0.48624
0.24087	0.25392	0.46006	0.58025	0.3931	-0.83412	-1.0285	-1.19255	-1.20874
-0.09403	0.09249	0.15036	0.15727	0.13748	-0.02892	-0.00592	0.00979	-0.12556
0.09152	-0.04988	0.07512	0.13073	0.14673	0.12949	-0.02092	-0.02659	-0.07894
0.20687	0.20064	0.01716	0.30367	0.3062	-0.18971	0.13884	-0.04765	0.06905
-0.32983	-0.11917	-0.15599	0.03854	0.00328	0.07868	0.04734	-0.19063	0.03851
-0.0145	-0.01439	-0.07353	0.15595	0.11291	-0.15513	0.11184	-0.00902	-0.07763
-0.05885	0.01451	0.07251	0.05225	0.023	-0.05204	0.10572	-0.17646	-0.10009
0.1343	-0.16814	-0.16833	0.01626	0.29765	-0.07087	0.34215	0.08833	-0.00303
0.14007	0.05306	-0.03384	-0.03796	0.10043	0.04314	0.10986	0.14047	0.13021
0.30664	-0.04281	-0.30962	-0.30868	0.0164	0.47722	0.09818	-0.30171	0.02125
-0.1002	0.20065	-0.35117	-0.71534	-0.2243	0.17111	-0.19168	-0.33563	-0.05398
-0.04371	-0.06252	0.0461	0.07215	0.09264	0.27868	-0.14315	-0.07909	-0.02927
-0.28615	0.11532	0.00176	-0.02347	0.14667	-0.1605	-0.01125	0.08194	-0.06301
5.30E-04	-0.13355	-0.05257	0.14276	0.17494	0.38867	0.3789	0.07024	0.24848
0.1624	0.16474	-0.00718	-0.08911	0.10317	0.00515	0.2843	0.08759	0.14172
0.24693	-0.05598	-0.00644	-0.03346	0.16881	-0.1014	-0.41814	-0.14888	-0.02349
0.16455	0.13704	-0.00543	-0.19176	0.0864	-0.15754	-0.3082	-0.1715	-0.14716
0.5188	-0.04651	-0.18116	-0.38469	0.05583	-0.38838	-0.0359	-0.42198	-0.19429
0.28527	0.17103	0.03913	0.0155	-0.06054	-0.08842	-0.39216	-0.12454	-0.28453
0.49435	0.18797	0.10174	-0.09931	0.08895	-0.16304	-0.28652	-0.57958	-0.34672
0.32635	0.03325	0.06587	-0.22576	-0.05116	-0.01281	0.09255	-0.03401	-0.07125

-0.1167	0.06067	0.00148	0.12492	0.0846	-0.20312	-0.27525	-0.42256	-0.29204
0.53031	0.2021	0.18899	0.16097	0.30213	0.15299	0.08244	-0.10153	-0.06912
-0.14842	-0.11964	0.01117	-0.08959	0.04314	-0.13663	0.18053	-0.08661	-0.09422
-0.41102	-0.19714	-0.17558	-0.29738	-0.23121	-0.34174	-0.30402	-0.19573	-0.41247
0.42768	-0.02698	-0.09338	-0.04212	0.22204	0.15576	0.35828	0.06374	0.23346
0.05865	-0.28173	-0.10223	-0.37543	-0.44215	-0.14057	-0.16788	-0.18003	-0.34592
-0.1183	0.14653	0.27893	0.20509	0.26541	0.04699	-0.11967	-0.01646	-0.0286
-0.13198	-0.11728	-0.04375	-0.25426	-0.22298	0.12088	0.01065	0.07569	-0.0896
0.27877	0.04089	-0.07506	-0.0442	0.07033	-0.12489	-0.27792	-0.02798	0.08212
0.11655	-0.03964	0.10019	-0.03244	0.09985	-0.01626	-0.02566	-0.15735	-0.12515
0.20246	-0.26358	-0.24153	-0.5002	-0.22524	-0.10561	-0.22695	-0.266	-0.1113
-0.32124	-0.08887	-0.10075	0.10104	-0.02606	0.06791	-0.04083	-0.14419	0.05142
-0.03076	0.24316	0.11628	0.3409	0.2878	-0.23283	0.01083	0.02886	-0.06503
-0.03011	0.13775	-0.0232	-0.39068	-0.19618	0.02846	0.02209	-0.02115	0.08207
0.08168	0.05151	-0.03315	-0.26415	-0.01601	-0.21554	-0.07093	-0.27697	-0.14796
0.27845	-0.18303	-0.25863	-0.31641	-0.18294	-0.1832	0.073	-0.13741	-0.13756
0.20529	0.05704	-0.01722	0.40657	0.40323	-0.24976	-0.19168	-0.17101	-0.19192
0.00195	-0.02089	-0.02009	-0.00364	0.01056	-0.23395	-0.12676	-0.15851	-0.2439
0.16793	0.04372	0.00113	0.16376	0.1169	-0.09566	-0.0586	-0.08366	0.0104
-0.12129	-0.11806	-0.22713	-0.22847	0.08037	-0.20831	0.16053	-0.08779	-0.02965
0.17307	0.01876	-0.04492	-0.25887	-0.13457	-0.26964	-0.18539	-0.17516	-0.36493
0.62935	0.49727	0.44745	0.34635	0.54496	-0.15298	-0.46653	-0.48967	-0.3392
-0.11297	0.03412	-0.10283	-0.04218	-0.04868	-0.11459	-0.17345	-0.22318	-0.16748
-0.02124	-0.0229	0.08738	0.02074	0.03039	0.03824	0.10747	-0.03812	-0.116
0.24231	-0.01335	0.09324	-0.17298	-0.15816	0.02946	0.009	-0.00246	-0.11433
0.13162	-0.02305	-0.12977	0.08915	0.09197	0.05534	-0.23862	-0.31928	-0.17499
0.04666	0.05727	0.0395	0.15117	0.15893	0.00455	0.16951	0.24085	0.26739
0.29743	0.39285	0.38791	0.51921	0.66468	-0.53058	-0.41378	-0.68012	-0.51411
-0.15804	-0.06199	-0.19478	-0.3329	0.01892	-0.12561	-0.06672	-0.08669	0.07527
-0.31523	0.1319	0.13041	-0.00179	0.12437	-0.14705	0.03108	-0.18526	-0.07676
0.35582	-0.15949	-0.05008	-0.19386	-0.04182	0.28621	-0.21054	-0.17033	-0.19629
0.34972	0.15861	0.13627	-0.42062	-0.06547	0.09969	-0.1792	-0.26888	-0.01591
-0.14638	0.05938	-0.0948	0.35914	0.06722	-0.23843	-0.45475	-0.16335	-0.23281
0.15041	-0.01891	-0.0629	-0.03138	0.15551	-0.24305	-0.38419	-0.26369	-0.20944
0.24265	-0.13306	-0.2124	-0.04773	0.01897	0.01587	0.35354	0.04855	0.11455
-0.11437	0.08876	-0.03204	-0.19198	-0.01793	-0.22695	-0.02335	-0.22788	-0.04612
0.39465	0.02177	0.07672	0.08371	0.07778	-0.1236	-0.2882	-0.11692	-0.12218
0.07658	-0.06056	-0.02055	-0.15502	-0.20284	-0.10126	0.0627	-0.23464	-0.20818
0.24385	-0.13512	0.0019	0.04362	0.02975	0.01355	-0.23743	-9.70E-04	-0.24397
0.15296	0.00616	0.02371	0.18212	0.18748	0.181	0.20282	-0.10185	0.05123
0.08414	-0.06248	-0.03121	-0.01693	0.08825	-0.21944	-0.07328	-0.07656	-0.06483
0.07527	0.09412	-0.02465	0.1617	0.48698	-0.12725	0.20952	0.01964	0.05544
0.0501	0.06817	-0.11135	-0.20246	-0.12247	-0.05589	-0.04828	-0.15111	-0.14464
-0.39073	-0.17882	0.00707	-0.00718	0.12493	-2.00E-04	0.08024	-0.11509	-0.09179
-0.22599	-0.32636	0.08268	0.17615	-0.23779	-0.29735	-0.20199	-0.03816	-0.37079
0.07453	-0.19407	-0.13933	-0.24704	-0.22581	-0.1172	-0.25945	-0.25952	-0.09961
0.17258	-0.22298	-0.10996	-0.27549	-0.11721	0.08906	0.06091	-0.13937	-0.12765
-0.02248	0.02445	0.0212	-0.03163	0.06465	-0.01838	0.06922	0.02806	-0.05886
0.13569	-0.01723	-0.12276	0.05099	0.21183	-0.06584	0.06911	-0.06464	-0.01197
-0.07808	-0.02779	0.20709	0.23343	0.15704	0.12844	-0.02046	-0.10836	-0.04713
0.21911	0.29512	0.35059	0.25281	0.27848	-0.17661	-0.37133	-0.24553	-0.28984
0.01164	0.23611	0.19349	0.28345	0.22732	0.10909	-0.23708	-0.1578	-0.10212

-0.01257	0.1281	0.01262	0.16954	0.31275	0.01752	0.17852	-0.08937	0.08124
0.2129	-0.29213	-0.02663	-0.27015	-0.315	-0.17526	-0.40965	-0.38092	-0.26444
0.03101	0.13782	0.11911	-0.15008	0.05363	0.28831	0.38531	0.2478	0.27844
0.51356	0.02619	0.00893	0.0613	0.10934	-0.35336	-0.15053	-0.28418	-0.31344
-0.12825	-0.11171	-0.09223	-0.13246	-0.34888	-0.04176	-0.17972	-0.34151	-0.39879
0.12185	-0.00303	0.03452	0.12203	0.06482	-0.11917	-0.09664	-0.08167	-0.15968
-0.01901	-0.21566	0.03794	0.22987	0.00958	-0.17667	0.1018	0.20296	-0.2026
0.00462	0.06577	0.01618	0.06318	0.12165	0.03004	-0.07906	-0.21276	-0.07989
-0.01176	0.07173	0.01357	-0.26544	-0.02043	-0.02342	-0.22115	-0.17819	-0.16807
-0.01829	0.16854	-0.11206	-0.09693	0.00834	0.02644	-0.46971	-0.40001	-0.22118
-0.12079	0.11726	0.03775	0.01292	0.02133	0.10228	0.23189	0.13453	-0.03322
-0.07685	-0.3152	0.06531	-0.14511	-0.24747	-0.33279	-0.15613	-0.28089	-0.33561
-0.09537	0.06707	0.16777	-0.28472	-0.26333	-0.02378	-0.24694	-0.36606	-0.26053
0.11013	0.14736	0.00708	0.0023	0.14654	-0.38866	-0.12398	-0.32242	-0.19201
0.06655	0.02938	0.08362	0.27032	0.12124	-0.16529	-0.14289	0.13023	-0.02701
0.13865	0.01222	-0.01676	0.28304	0.06273	-0.12353	-0.08235	-0.00765	-0.21555
0.2549	0.42174	0.30183	0.49861	0.44784	0.10808	-0.22381	-0.14237	-0.06691
0.30359	0.18506	0.20997	0.3144	0.40843	-0.19586	-0.15602	-0.28874	-0.24078
0.1012	-0.16135	-0.12198	-0.19227	-0.38853	-0.20691	0.00684	-0.45443	-0.06482
0.01101	0.09581	0.15056	0.36572	0.21692	-0.43937	-0.4416	-0.57904	-0.58916
0.27301	0.00772	0.09066	0.05075	0.02503	-0.06524	-0.06254	0.036	-0.17695
0.35961	-0.06944	-0.09356	0.23416	-0.28572	-0.54123	-0.96728	-0.58664	-1.24833
0.02755	0.16168	0.09657	-0.0203	0.09889	-0.13991	0.07272	-0.24012	-0.07755
-0.01013	0.09287	-0.01769	-0.0226	0.05667	-0.091	0.08764	-0.04774	0.00165
0.27368	-0.15244	-0.1906	-0.23113	-0.21318	0.2	-0.04742	-0.08931	0.04017
0.05251	0.11247	0.04896	-0.16263	0.12983	-0.05924	0.00291	-0.12651	-0.05633
0.19146	-0.26756	-0.05902	0.16214	0.22725	0.03142	0.05189	-0.23441	-0.11367
0.21959	0.20384	-0.11057	0.07197	0.09232	0.17051	0.05514	-0.11657	-0.09024
0.03708	-0.20177	-0.08128	-0.44431	-0.36221	-0.01993	-0.06599	-0.11513	-0.13736
-0.13996	0.206	0.1665	0.13894	0.18138	0.05769	0.03308	-0.12725	-0.02535
-0.13678	-0.0703	-0.03267	-0.25058	-0.22993	-0.08333	-0.20861	-0.37057	-0.29736
0.03407	-0.02672	0.02528	-0.22049	-0.13813	0.05126	-0.41438	0.09354	-0.03827
0.21919	0.05548	-0.08089	0.10651	0.06034	-0.00931	-0.05545	-0.05575	0.12995
0.05263	0.26211	0.02581	0.0332	0.0225	-0.11708	-0.0288	-0.16674	-0.08819
0.0695	0.04911	0.01319	0.01391	0.08932	-0.01869	-0.14066	-0.07708	-0.07618
-0.01021	0.11822	0.27707	0.05853	0.17161	0.26278	0.362	0.23827	0.20304
-0.49989	-0.17977	-0.31422	-0.38752	-0.0825	-0.06708	-0.07491	-0.01883	0.14902
0.24473	0.12933	-0.02431	0.15341	0.06332	0.21541	-0.04152	0.16655	0.04898
0.23563	-0.10973	0.00148	0.03451	0.02054	-0.14014	-0.07902	-0.03395	-0.10092
-0.11529	0.00705	-0.04721	0.03476	0.2555	-0.16741	0.13642	-0.11747	-0.01186
0.02245	-0.06213	0.1156	0.00852	-0.03847	-0.21635	-0.04923	0.08077	0.05135
0.50878	-0.0323	-0.09009	0.37103	0.37494	-0.0441	-0.05763	-0.22049	-0.0919
0.30489	0.0626	-0.13763	-0.29747	0.09697	0.17489	0.33557	-0.27278	-0.02572
0.0882	-0.47503	-0.41067	-0.30816	-0.07137	-0.12458	0.0742	-0.29466	-0.07813
0.67896	-0.39245	-0.52382	-0.61796	-0.56487	0.40424	0.55285	0.46061	0.49742
0.21049	0.0839	0.03754	0.248	0.23182	0.06475	0.06886	0.01341	0.16484
-0.39136	-0.22896	-0.10057	-0.3855	-0.38678	0.25156	0.56554	0.28991	0.2398
0.42542	0.21386	0.35742	0.33453	0.50186	-0.11938	0.01122	-0.2867	-0.18498
1.03604	-0.18054	0.02428	0.07257	0.14636	0.0894	0.05174	-0.26765	-0.02146
-0.17027	-0.0541	-0.09048	-0.1183	0.04502	-0.07784	-0.06329	-0.26263	-0.13231
0.22693	-0.01975	0.03678	-0.03145	-0.11776	-0.0302	0.01756	0.03039	0.0845
-0.20205	0.22179	0.18231	-0.04672	0.16503	-0.01182	0.09676	-0.25232	-0.08254

-0.23322	-0.14197	0.0199	0.04956	0.0362	0.25986	-0.20544	-0.08332	0.03638
0.18238	-0.18364	0.03633	-0.20254	0.00482	-0.19084	-0.32397	-0.23541	-0.25424
0.15807	0.14708	-0.18735	-0.36768	0.09649	0.29225	-0.00531	-0.58656	-0.07682
0.09297	0.05403	-0.06556	-0.21469	-0.10023	0.00729	-0.06806	-0.15043	-0.11956
0.16317	0.21608	0.1159	0.30797	0.49754	-0.32019	0.01034	-0.04176	-0.05346
0.04398	0.09335	0.05247	0.00481	0.06708	0.10055	0.10698	-0.0195	0.08368
-0.14338	0.28909	0.29794	0.67791	0.58692	0.68118	0.72562	0.70416	0.66239
0.00421	-0.21336	-0.05915	-0.15661	-0.19403	-0.26017	-0.203	-0.03151	-0.20763
-0.34079	0.27253	0.25909	0.52026	0.46682	0.41655	0.48968	0.7623	0.48517
-0.06364	0.24366	0.35708	-0.01575	0.1654	0.28201	0.78279	0.02834	0.03081
0.12082	0.03326	0.07135	0.10938	0.1022	-0.15922	0.02432	0.02081	-0.04826
0.02655	-0.0641	-0.10427	0.05122	0.13626	-0.05175	-0.01966	-0.02931	-0.05292
-0.58817	-0.22961	-0.1292	-0.46367	-0.39092	0.20974	0.47771	0.26426	0.13607
-0.13611	0.00256	-0.01311	0.02311	-0.0155	-0.11505	-0.1075	-0.29289	-0.23989
0.42917	0.18599	0.13498	-0.56083	-0.19288	0.08282	-0.5076	-0.5172	0.02397
0.18831	-0.15749	-0.08498	0.19043	0.01877	-0.16601	-0.17504	-0.18946	-0.25295
0.14665	-0.08576	-0.00984	0.01758	0.05621	0.14195	0.05091	0.00746	-0.01652
0.18371	0.08086	0.14699	-0.02191	0.16354	-0.04331	-0.02686	-0.12091	-0.15152
0.07862	-0.07679	-0.19759	0.17152	0.2931	-0.19554	-0.14232	-0.17712	-0.26442
-0.66189	-0.20858	-0.34576	-0.18216	-0.14992	-0.13529	-0.13915	-0.0299	-0.19841
0.14569	-0.00446	-0.01078	-0.08282	0.12918	-0.12684	-0.02584	0.01137	-0.08568
0.17155	0.0854	0.11362	0.06099	0.05064	-0.147	-0.26663	-0.08891	-0.00272
-0.01115	-0.75658	-0.30795	-0.30411	-0.54832	-0.59709	-0.53707	-0.53584	-0.63191
-0.09641	0.002	0.00722	0.12353	-0.00777	-0.16593	-0.06689	-0.03805	-0.17609
-0.03614	0.0794	0.06748	-0.04412	-0.00985	-0.09044	-0.18952	-0.05065	-0.09797
0.07881	-0.15634	-0.0657	-0.22888	-0.0764	0.06454	0.12733	-0.2726	-0.02526
-0.10187	-0.05479	0.05066	0.24723	0.21714	-0.09349	0.18468	0.07338	-0.10967
0.24809	0.04089	0.11069	-0.33991	-0.13032	0.02206	0.08924	-0.30772	-0.00772
-0.01838	-0.19255	0.04148	-0.42199	-0.3203	-0.00889	-0.13539	-0.26068	-0.25708
0.2203	-0.07863	-0.08687	-0.82047	-0.68282	0.00285	-0.0708	-0.25141	-0.14615
0.13504	0.01696	-0.00323	-0.24058	-0.15777	0.07894	-0.28083	-0.16428	0.03075
0.22047	0.24461	0.13229	0.08116	0.28816	0.20423	0.04065	-0.16885	0.04276
-0.14378	-0.14483	-0.0309	0.14155	-0.16291	-0.24045	-0.39621	-0.44654	-0.33113
0.25374	0.14544	0.11251	0.02378	0.04406	-0.07533	-0.52492	-0.19407	-0.11065
-0.11556	1.10E-04	0.20379	0.32651	0.10787	-0.00181	0.01237	0.01472	-0.09101
0.30206	0.05501	-0.15694	-0.10565	0.08552	-0.00439	-0.12103	-0.00318	-0.00813
-0.07793	0.05207	-0.01605	0.23741	0.27045	0.11956	0.16389	0.03707	0.06311
0.08855	-0.16734	0.10964	0.09208	0.2778	0.19638	0.34862	0.18637	0.32068
0.03618	0.01585	-0.14988	0.06038	0.1708	-0.01915	0.31998	0.14969	0.26216
0.16849	-0.26477	-0.0112	0.10723	-0.19908	-0.10904	-0.13071	0.02715	-0.11537
0.03225	-0.31326	0.05265	0.13793	-0.24344	-0.12787	0.14239	0.09647	-0.30286
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0.2123	0.00968	0.03694	-0.05484	-0.03292	-0.06421	-0.1022	-0.09009	0.03521
0.22799	-0.05232	0.05232	-0.41284	-0.25309	0.03758	-0.12017	-0.35863	-0.19767
0.04388	0.0809	-0.06382	-0.04933	0.01736	-0.10106	-0.04717	0.07922	-0.07065
0.26791	-0.00228	0.00851	0.20186	0.5035	-0.12536	-0.1907	-0.19638	-0.07484
0.32428	0.15037	-0.15063	-0.00727	0.19232	0.37358	0.29985	0.17135	0.42623
0.09006	0.08729	-0.10441	-0.11351	-0.04877	-0.06463	-0.16888	-0.34022	-0.00307
0.26068	0.10907	0.0762	0.03852	0.05195	-0.1376	-0.05346	-0.10878	-0.08405
-0.01548	-0.05318	0.06846	0.12016	-0.12277	-0.34482	-0.33564	-0.1342	-0.28423
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0.11755	-0.09229	0.04151	0.1458	-0.09017	0.04424	-0.03137	-0.06739	-0.05807

0.11219	0.08073	0.02737	0.08189	0.07351	-0.12031	-0.00539	0.02841	-0.08229
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0.12058	0.07049	8.00E-04	0.1447	0.37175	0.27388	0.17272	0.26289	0.32617
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0.1186	-0.22834	-0.13022	-0.2253	-0.04552	0.04238	0.0815	-0.14084	0.03744
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-0.03067	-0.1577	0.16545	0.27107	0.08676	-0.02272	0.00321	0.24689	0.0092
0.27688	-0.10528	0.02355	-0.12233	-0.17406	-0.01903	-0.0249	0.06659	-0.03545
0.03621	-0.08786	-0.0522	-0.66456	-0.4365	-0.05106	-0.24396	-0.49511	-0.23716
0.28687	0.15038	-0.10634	-0.10372	0.084	0.13613	0.13718	-0.11627	0.06539
-0.15837	0.00649	-0.12266	0.14168	0.38099	-0.59962	0.05625	-0.24454	-0.31372
0.03814	-0.1026	0.06434	-0.1783	0.01702	0.13397	0.01105	-0.05405	0.08879
0.74278	0.35035	0.12673	-0.31729	0.09611	0.20244	0.11973	-0.5428	-0.01925
0.22193	-0.01358	-0.09364	-0.0597	0.02814	-0.07727	-0.18136	0.16282	0.19843
0.06608	0.02115	-0.08651	-0.2089	-0.06884	-0.0263	-0.05689	-0.2864	-0.09316
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0.24062	0.10457	0.05365	0.06468	0.08323	-0.14576	-0.29063	-0.11466	-0.06532
0.3201	0.10425	-0.17828	-0.23228	0.049	0.15599	0.00145	-0.24047	0.03902
0.01751	-0.15233	0.00294	-0.32018	-0.03784	0.01158	-0.00393	-0.24791	-0.12137
-0.18561	-0.09078	-0.33753	-0.32393	-0.12082	-0.15941	0.14545	-0.08369	0.05463
0.39478	-0.11187	-0.33833	-0.469	-0.28206	0.50693	-0.02219	0.29464	0.36746
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-0.25291	-0.04816	0.12537	0.29553	0.24476	0.11745	0.08575	0.14181	0.14161
0.17567	0.13767	0.00672	-0.13592	0.07338	-0.05882	-0.13561	-0.12601	-0.03216
0.0016	-0.16388	-0.01013	-0.31098	-0.22638	0.05054	0.23438	-0.05516	-0.04917
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0.05602	0.07532	-0.07085	-0.39464	-0.22119	-0.11786	-0.15353	-0.43518	4.00E-04
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0.15866	0.20065	-0.08641	-0.12478	0.09115	-0.02315	0.07562	-0.03343	0.01918
0.02263	-0.11935	0.01862	0.30203	0.27899	-0.00257	-0.034	0.12894	-0.01559
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0.02119	0.12616	0.14447	0.19206	0.12816	-0.14364	-0.0911	-0.11923	-0.11293
0.0739	-0.00998	-0.03999	0.23347	0.08181	0.12002	0.0321	-0.04471	0.02492
0.60219	-0.07006	-0.13416	-0.57498	-0.34853	0.41169	0.01599	0.00708	0.0511
0.07414	0.19022	0.02868	-0.14665	-0.03938	-0.26765	0.00918	-0.27267	-0.12798
0.03393	-0.12055	-0.13664	-0.68479	-0.56306	-0.03389	-0.1374	-0.27642	-0.13799
-0.15817	-0.22603	-0.09926	-0.35056	0.12789	-0.014	0.04321	-0.02079	-0.17195
0.4096	0.0383	-0.01479	0.12839	0.107	0.18047	0.27895	0.19865	0.17879
-0.09772	-0.05243	0.12818	-0.02403	-0.25529	-0.09081	-0.21589	0.0372	-0.22946
-0.0188	0.02474	0.12018	-0.1094	-0.08907	0.23138	0.07182	0.10161	0.0519
0.14699	-0.04732	-0.01993	0.0846	0.10037	-0.15456	-0.01161	0.01896	-0.04286
-0.22406	0.02411	-0.17255	-0.233	0.03622	-0.13941	0.28154	-0.48603	-0.08176
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0.01468	0.06556	-0.03053	0.26228	0.07825	-0.16651	-0.15737	-0.37255	-0.29032
0.21527	-0.06559	-0.19269	-0.32305	-0.2054	-0.19121	-0.51445	-0.34838	-0.35395
0.10931	-0.22118	0.06044	0.0667	0.1109	-0.0101	-0.22114	-0.04658	0.33821

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0.09794	0.01554	0.04256	0.34225	0.28321	-0.40241	-0.3697	-0.4815	-0.4547
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0.20465	0.17426	0.11193	-0.01983	0.01237	-0.20376	-0.37759	-0.08097	-0.19827
0.25967	0.05167	-0.09582	0.08528	0.16898	0.11903	-0.25319	-0.17836	0.07342
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0.04821	0.14065	0.03588	0.11613	0.16291	-0.11113	-0.16505	-0.11032	-0.0669
0.03081	0.13328	0.0468	0.4861	0.20667	-0.37706	-0.35026	-0.38618	-0.51034
0.51577	-0.0363	-0.02103	-0.50732	-0.2906	0.13497	0.05615	-0.02509	0.04507
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0.07489	-0.16082	-0.04969	-0.46297	-0.2382	0.21731	0.06624	-0.24309	-0.0703
0.05193	0.06401	0.13286	0.32745	0.19684	-0.42627	-0.28778	-0.31654	-0.46839
0.00103	0.03129	0.01682	0.10497	0.34401	0.14419	0.11623	0.04238	0.09108
0.06642	0.17241	-0.02498	-0.08817	0.01283	0.10482	0.21704	0.27123	0.28409
0.26685	0.01054	-0.00172	0.06116	0.2476	-0.44433	0.03691	-0.2274	-0.27088
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0.05915	-0.25202	-0.15672	-0.1091	-0.08226	0.12753	-0.25336	-0.15608	0.02893
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0.0803	-0.32165	-0.23267	-0.11796	-0.03652	-0.17971	-0.51437	-0.3858	-0.33765
0.11666	0.01252	-0.03978	-0.18379	-0.14938	-0.04954	-0.09847	-0.20233	-0.03849
0.06165	0.23043	-0.07822	-0.04444	0.1058	-0.25287	-0.09854	-0.11689	-0.13362
0.41443	0.05394	0.06608	0.38941	0.51629	0.25161	0.01368	-5.20E-04	0.07031
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0.15925	0.50844	0.4098	0.56775	0.48438	0.26576	0.14223	0.31462	0.24199
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0.37923	0.096	0.19902	0.11471	0.16378	0.35735	0.04155	-0.13085	0.02573
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0.09599	0.4674	0.38047	0.1401	0.38846	0.8536	0.82217	0.53331	0.83554
0.11206	0.13846	-0.05133	-0.15384	0.13502	-0.12505	0.14481	-0.013	-0.03256
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0.15659	-0.06314	-0.04448	-0.02983	0.21917	-0.22507	-0.00225	-0.26222	-0.19266
0.14557	-0.06158	0.39172	0.34898	0.10394	-0.25903	-0.16043	-0.13507	-0.25716
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0.03951	0.12803	0.04084	0.24913	0.15345	-0.26358	-0.15688	-0.4096	-0.26081
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0.07026	0.04205	-0.0074	-0.14828	-0.12632	-0.07083	-0.08795	-0.23171	-0.12058
0.25246	0.08227	-0.00991	0.15281	0.13883	-0.14975	-0.13696	-0.07873	-0.10099
-0.1424	-0.00614	0.00341	-0.14509	0.00262	0.21842	0.21603	-0.19009	-0.04982
0.21702	-0.03035	-0.06948	0.05727	0.25332	0.31748	0.29225	0.06549	0.16485
0.439	0.31218	0.41979	0.44256	0.53049	0.64516	0.55113	0.47531	0.56754
-0.15559	-0.12877	-0.05967	0.05262	-0.06967	-0.25587	-0.28985	-0.52481	-0.32616
0.10186	0.25434	-0.04718	0.27197	0.22744	-0.01741	-0.10649	-0.05511	-0.08059

m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç
-0.91758	-0.99226	-1.06953	-1.16702	-1.17194	-1.21785	-1.28349	-1.18577	-2.19334
-0.85203	-0.89617	-1.05099	-1.02504	-0.6809	-0.75618	-1.00899	-0.87481	-1.50193
-0.61297	-0.70571	-0.84403	-0.7554	-1.12707	-1.13475	-1.19773	-1.00487	-1.75064
-0.69603	-0.65045	-0.72622	-0.676	-0.76225	-0.65093	-1.07956	-1.02011	-1.51855
-0.57109	-0.62711	-0.71394	-0.63325	-0.76569	-0.77503	-1.00153	-0.9232	-1.49483
-0.59281	-0.62457	-0.79916	-0.8063	-0.5397	-0.50871	-0.60652	-0.6398	-1.23424
-0.58568	-0.62484	-0.76951	-0.86487	-1.07093	-1.10464	-1.4299	-1.31738	-1.40386
-0.72194	-0.63997	-1.02881	-0.84797	-0.98302	-0.86222	-1.0458	-0.92933	-1.71628
-1.09661	-0.99037	-1.48315	-1.40426	-2.02782	-1.7012	-2.23234	-2.38905	-4.02852
-0.29751	-0.25314	-0.44943	-0.39659	-0.58695	-0.6364	-0.5056	-0.3994	-1.04136
-0.60392	-0.58952	-0.94624	-0.82289	-1.11022	-1.11852	-0.99127	-0.9228	-1.5666
-0.89206	-0.49009	-0.62027	-0.62493	-0.89408	-0.8735	-0.93884	-1.00076	-1.61658
-0.6357	-0.65331	-0.73595	-0.71846	-0.71758	-0.72177	-0.60565	-0.48145	-1.25658
-0.28455	-0.41571	-0.4445	-0.43912	-0.45072	-0.46614	-0.53997	-0.49823	-0.95338
-0.28193	-0.28366	-0.4806	-0.41219	-0.70034	-0.63095	-0.73925	-0.66959	-0.85601
-0.69562	-0.6166	-0.67167	-0.72767	-0.60288	-0.50317	-0.39615	-0.392	-1.1307
-0.79987	-0.52419	-0.65075	-0.60632	-0.63053	-0.4375	-0.60841	-0.69406	-1.23177
-0.5619	-0.58943	-0.54837	-0.46178	-0.53938	-0.52343	-0.97986	-0.7765	-2.12687
-0.31226	-0.31299	-0.19905	-0.44593	-0.54493	-0.64367	-0.49758	-0.39074	-1.34157
-0.33372	-0.30212	-0.4513	-0.33729	-0.38927	-0.27031	-0.54302	-0.52399	-0.76793
-0.54431	-0.48872	-0.72524	-0.61228	-0.45033	-0.44876	-0.63419	-0.54329	-0.76981
-0.3504	-0.3867	-0.49922	-0.55844	-0.57033	-0.52728	-0.52963	-0.41398	-0.6571
-0.49442	-0.50052	-0.7411	-0.49825	-0.37931	-0.45247	-0.62104	-0.48443	-0.87511
-0.48999	-0.35607	-0.74048	-0.5799	-0.87692	-0.83615	-0.80062	-0.82111	-1.62362
-0.85599	-0.81521	-0.74044	-0.67073	-0.82248	-0.83296	-1.0568	-0.90599	-1.29585
-0.71492	-0.66658	-0.81584	-0.65296	-0.53941	-0.49743	-0.59447	-0.56711	-0.96813
-0.55968	-0.59914	-0.65913	-0.71017	-0.60281	-0.53331	-0.56436	-0.5357	-1.14126
-0.31607	-0.42368	-0.51322	-0.49002	-0.45339	-0.55056	-0.71134	-0.41407	-0.71087
-0.96629	-1.01215	-1.24319	-1.10389	-0.78498	-0.83404	-1.00862	-1.08332	-2.61169
-0.36231	-0.33274	-0.42413	-0.49003	-0.46006	-0.41753	-0.46998	-0.44673	-0.8268
-0.65383	-0.50135	-0.80199	-0.79287	-0.55967	-0.43502	-0.85178	-0.83213	-1.01743
-0.56024	-0.7899	-0.72496	-0.75268	-0.57596	-0.73221	-0.64517	-0.3856	-1.2221
-0.3701	-0.34045	-0.45866	-0.3838	-0.61421	-0.58728	-0.76579	-0.77157	-0.96924
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-0.57732	-0.56525	-0.65301	-0.62955	-0.63407	-0.56112	-0.49894	-0.45032	-1.16649
-0.49705	-0.5238	-0.57584	-0.56822	-0.41807	-0.30597	-0.60357	-0.63314	-1.09238
-0.50347	-0.69882	-0.56955	-0.39136	-0.82549	-1.0851	-1.03771	-0.79507	-1.36853
-0.50469	-0.31531	-0.591	-0.52988	-0.59233	-0.54	-0.81662	-0.72354	-0.97225
-0.27265	-0.28042	-0.48681	-0.38722	-0.66109	-0.49798	-0.53727	-0.63739	-0.84975
-0.8104	-1.2124	-1.6042	-1.13605	-0.85594	-1.17536	-1.27629	-1.0114	-1.57055
-0.35102	-0.35083	-0.55265	-0.49371	-0.32448	-0.46124	-0.63474	-0.57901	-0.80092
-0.52764	-0.53653	-0.49188	-0.50951	-1.12132	-1.07508	-0.91265	-0.95604	-2.62484
-0.37183	-0.27313	-0.32233	-0.27757	-0.40478	-0.45982	-0.3892	-0.40418	-0.6914
-0.56388	-0.66017	-0.67834	-0.73001	-0.33855	-0.41291	-0.7925	-0.58211	-0.73182
-1.27496	-1.04497	-1.27127	-1.11302	-0.71403	-0.84114	-0.863	-0.75511	-1.83702
-0.37327	0.14241	-0.54078	-0.36911	-0.59817	-0.56835	-0.55513	-0.5342	-1.02296
-1.00744	-1.18326	-1.33022	-1.28352	-1.52998	-1.41792	-1.89472	-1.70903	-2.20445
-0.47964	-0.36321	-0.64955	-0.53799	-0.65215	-0.6227	-0.86231	-0.73856	-2.02301
-0.50322	-0.50643	-0.57375	-0.48969	-0.65901	-0.6243	-0.93871	-0.78311	-1.02514
-0.17329	-0.37899	-0.39567	-0.14306	-0.56368	-0.78503	-0.95861	-0.7468	-1.00626
-0.19515	-0.48394	-0.37177	-0.39674	-0.31169	-0.48636	-0.74718	-0.63943	-1.01088

-0.69578	-0.77002	-0.74023	-0.73963	-0.60747	-0.68339	-0.56233	-0.37664	-1.20417
-0.68452	-0.59099	-0.61116	-0.426	-0.89742	-0.75237	-0.75701	-0.66723	-2.44461
-0.00284	-0.21664	-0.28856	-0.31621	-0.45072	-0.54821	-0.65381	-0.40964	-0.86941
-0.36962	-0.22437	-0.34357	-0.37298	-0.65329	-0.63802	-0.48562	-0.38938	-1.0789
-0.45663	-0.42382	-0.36916	-0.34932	-0.47148	-0.40039	-0.48652	-0.33975	-0.89938
-0.72677	-0.84719	-0.88667	-0.80963	-1.06736	-0.96359	-1.42535	-1.44846	-2.01457
-0.66838	-0.68315	-0.56822	-0.5958	-0.97102	-0.99124	-0.93427	-0.82414	-2.69381
-0.15969	-0.30882	-0.33734	-0.33716	-1.18719	-1.02912	-0.85957	-0.8092	-1.77931
-0.26634	-0.30216	-0.53518	-0.4927	-0.40343	-0.36942	-0.72473	-0.55719	-0.42733
-0.43574	-0.58978	-0.58324	-0.5284	-0.48787	-0.67934	-0.62434	-0.51631	-1.87587
-0.48825	-0.59695	-0.51529	-0.47633	-0.40084	-0.45088	-0.31601	-0.26165	-1.46194
-0.4296	-0.36519	-0.66435	-0.5962	-0.29976	-0.22931	-0.37253	-0.38113	-1.0491
-0.36551	-0.31849	-0.66963	-0.60953	-0.81128	-0.68537	-0.93077	-0.86004	-1.76712
-0.61275	-0.46643	-0.58189	-0.56932	-0.47266	-0.37985	-0.25001	-0.21291	-1.03184
-0.19945	-0.58762	-0.72594	-0.35058	-0.55837	-0.71252	-1.18036	-0.7315	-1.38661
-0.14133	-0.07662	-0.10121	-0.16156	-0.13459	-0.07998	-0.29984	-0.26265	-0.32756
-0.89896	-0.60404	-0.69145	-0.79835	-0.79634	-0.67186	-0.59981	-0.48433	-0.86274
-0.40532	-0.40531	-0.40714	-0.42399	-0.51604	-0.64989	-0.39277	-0.3901	-1.40354
-0.79548	-0.68687	-1.18918	-0.92573	-1.05454	-0.9502	-1.49298	-1.23969	-1.12968
-0.42685	-0.46224	-0.415	-0.4288	-0.40834	-0.40461	-0.59133	-0.77451	-1.33047
-0.42124	-0.30952	-0.39339	-0.33777	-0.34234	-0.18525	-0.55219	-0.37408	-0.87076
-0.39605	-0.45893	-0.43801	-0.33807	-0.47175	-0.44684	-0.58397	-0.33964	-1.23599
-0.33292	-0.4919	-0.50042	-0.51	-0.36814	-0.55492	-0.60393	-0.44353	-0.66713
-0.32279	-0.50508	-0.69488	-0.35334	-0.42837	-0.40945	-0.86392	-0.67322	-1.16669
-0.22711	-0.45416	-0.27584	-0.26608	-0.38201	-0.46665	-0.67767	-0.49875	-0.65552
-0.63821	-0.82854	-0.79763	-0.61992	-0.48945	-0.47572	-1.1164	-0.76813	-0.99199
-0.499	-0.45845	-0.52706	-0.66515	-0.41115	-0.35505	-0.43341	-0.36522	-0.47078
-0.44803	-6.90E-04	-0.58048	-0.50314	-0.72488	-0.63376	-0.88785	-0.81651	-0.96865
-0.6044	-0.58644	-0.59792	-0.66164	-0.50362	-0.4334	-0.34692	-0.3859	-0.84491
-0.63072	-0.46466	-0.50925	-0.63862	-0.73904	-0.48331	-0.37173	-0.65822	-1.69424
-0.65214	-0.95183	-0.9136	-0.95912	-0.8493	-0.96685	-1.00864	-0.94569	-1.51092
-0.33503	-0.36948	-0.70286	-0.5074	-0.37505	-0.34176	-0.39955	-0.17565	-0.95797
-0.30128	-0.23734	-0.2741	-0.27794	-0.71176	-0.74746	-0.75338	-0.55425	-1.9716
-0.23645	-0.40278	-0.40773	-0.54184	-0.5445	-0.66388	-0.66676	-0.46304	-1.1037
-0.36905	-0.18415	-0.46751	-0.35876	-0.43556	-0.21361	-0.26609	-0.35807	-0.78123
-0.45034	-0.59793	-0.94612	-0.64669	-0.58979	-0.63184	-0.65322	-0.45735	-1.05901
-0.10906	-0.12082	-0.28385	-0.29057	-0.57103	-0.5276	-0.94604	-0.8783	-0.91508
-0.43062	-0.56232	-0.66886	-0.57934	-0.37703	-0.61566	-0.52419	-0.28095	-0.74869
-0.31777	-0.40173	-0.60292	-0.4211	-0.93615	-1.12544	-1.17892	-1.01589	-1.75772
-0.38643	-0.33747	-1.2028	-0.78767	-0.71698	-0.63561	-1.75004	-1.61593	-1.8365
-0.246	-0.25732	-0.39134	-0.1758	-0.41138	-0.48422	-0.60588	-0.46064	-0.85644
-0.5712	-0.52388	-0.77235	-0.67198	-1.03017	-0.80206	-1.11732	-0.95746	-0.88145
-1.15005	-1.07625	-1.37379	-1.1692	-0.64933	-0.61941	-0.82311	-0.71643	-1.46166
-0.5515	-0.40566	-0.7812	-0.55497	-0.50321	-0.31341	-0.76512	-0.62301	-0.9238
-0.40788	-0.44486	-0.45838	-0.33433	-0.96049	-0.94504	-1.17681	-0.97708	-1.25129
-0.13425	-0.27003	-0.38551	-0.27452	-0.3288	-0.56498	-0.57956	-0.46775	-0.6194
-0.28136	-0.41577	-0.49216	-0.38652	-0.36311	-0.36058	-0.42005	-0.24683	-0.4457
-0.11276	-0.24787	-0.23801	-0.28044	-0.62734	-0.80108	-0.54647	-0.45421	-0.76119
-0.28656	-0.42879	-0.50085	-0.3157	-0.63034	-0.65075	-0.93523	-0.79794	-2.23745
-0.38438	-0.32728	-0.89189	-0.57278	-0.44935	-0.51406	-1.06012	-0.81838	-0.65468
-0.60434	-0.70034	-0.73941	-0.80062	-0.47811	-0.47424	-0.39777	-0.3889	-1.30214
-0.52988	-0.31762	-0.14062	-0.16443	-0.5307	-0.53997	-0.37675	-0.38455	-1.49315

-0.16281	-0.14859	-0.23684	-0.17999	-0.15984	-0.0972	-0.33807	-0.3893	-0.43457
-0.30223	-0.41164	-0.31474	-0.37768	-0.53813	-0.5243	-0.73935	-0.46158	-1.06563
-0.78896	-0.89023	-1.01011	-0.99391	-1.03144	-1.10674	-1.16149	-1.14418	-1.06102
-0.49995	-0.46425	-0.60246	-0.36817	-0.36814	-0.28219	-0.77338	-0.57263	-1.46937
-0.50913	-0.53401	-0.47012	-0.38829	-0.72961	-0.66479	-0.95475	-0.83925	-0.72707
-0.54471	-0.4833	-0.79063	-0.71599	-0.79582	-0.85987	-0.6982	-0.49624	-0.71592
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-0.29018	-0.27854	-0.34924	-0.36576	-0.64804	-0.40929	-0.61212	-0.70465	-2.46982
-0.08829	-0.25114	-0.30176	-0.25476	-0.53342	-0.65458	-0.71521	-0.54892	-0.70576
-0.25979	-0.43306	-0.29085	-0.23796	-0.20287	-0.24919	-0.60406	-0.39303	-0.63207
-0.24044	-0.30851	-0.21937	-0.28425	-0.5341	-0.79014	-0.52947	-0.37685	-1.1591
-0.10855	-0.40002	-0.30864	-0.17555	-0.29895	-0.45085	-0.52424	-0.36825	-0.45736
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-0.81281	-0.51413	-0.55791	-0.47196	-0.42728	-0.59709	-0.40305	-0.36908	-0.98553
-0.56904	-0.56289	-0.62272	-0.41134	-0.47016	-0.62008	-0.80812	-0.75333	-0.83679
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-0.36387	-0.25977	-0.47204	-0.47976	-0.48241	-0.31508	-0.44145	-0.54095	-1.15185
-0.3913	-0.30432	-0.47897	-0.49049	-0.31039	-0.21648	-0.17404	-0.27744	-0.54577
-0.21905	-0.12491	-0.25571	-0.29574	-0.30166	-0.24305	-0.40942	-0.43312	-0.62777
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-0.23876	-0.27524	-0.34817	-0.20235	-0.149	-0.18097	-0.1452	-0.07416	-0.7884
-0.35542	-0.22125	-0.74572	-0.59897	-0.54377	-0.55285	-0.78063	-0.8939	-0.71249
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-0.7309	-0.62495	-0.93788	-0.56621	-0.66774	-0.56159	-1.38094	-1.02884	-0.96402
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-0.3979	-0.38777	-0.54402	-0.42231	-0.33984	-0.33395	-0.51017	-0.35539	-0.66055
-0.33716	-0.16159	-0.26836	-0.28906	-0.42714	-0.25628	-0.52948	-0.325444	-0.71321
-0.19281	-0.23372	-0.3475	-0.15897	-0.61399	-0.8367	-1.10226	-0.94639	-0.77336
-0.80677	-0.78824	-0.89215	-0.7589	-0.7456	-0.8692	-0.52223	-0.4532	-1.80178
-0.69171	-0.76584	-0.7891	-0.89739	-0.73652	-0.81117	-0.7567	-0.45543	-1.38709
-0.75402	-0.51842	-0.68923	-0.67433	-0.80874	-0.62112	-0.87321	-0.82916	-0.83169
-0.26117	-0.31673	-0.56418	-0.5328	-0.34423	-0.4922	-0.26357	-0.17408	-0.74695
-0.42394	-0.26091	-0.4652	-0.56111	-0.40244	-0.35708	-0.29473	-0.66345	-0.97857
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-0.37463	-0.30783	-0.99218	-0.81132	-0.48791	-0.29693	-0.73965	-0.811	-0.79568
-0.55708	-0.48316	-0.82346	-0.66206	-0.68027	-0.65256	-0.74858	-0.64777	-1.28645
-0.03371	-0.18355	-0.29889	-0.28835	-0.35732	-0.41798	-0.51486	-0.41245	-0.57452
-0.21725	-0.15279	-0.21506	-0.30955	-0.45036	-0.35441	-0.28076	-0.15181	-0.69362
-0.75736	-0.61273	-0.61367	-0.63255	-0.37786	-0.44259	-0.29945	-0.19973	-0.98777
-0.10862	-0.12628	-0.12027	-0.17956	-0.20655	-0.12102	-0.22855	-0.25007	-0.47163
-0.03316	-0.0316	-0.24022	-0.23432	-0.20099	-0.12774	-0.08388	-0.14607	-0.54163
-0.57993	-0.46954	-0.79344	-0.66233	-0.56711	-0.40671	-0.45311	-0.38815	-0.93662
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-0.13064	-0.12074	-0.19126	-0.29117	-0.8841	-0.39892	-0.59031	-0.70695	-2.15043
-0.57998	-0.53398	-0.56571	-0.47793	-0.48406	-0.55764	-0.3952	-0.35514	-1.04074
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-0.54514	-0.1883	-0.52352	-0.50188	-0.43138	-0.27536	-0.71355	-0.62316	-0.96482
-0.231	-0.09918	-0.21836	-0.27861	-0.29331	-0.22851	-0.25322	-0.37981	-0.40543

-0.17869	-0.16447	-0.26139	-0.31818	-0.34538	-0.21007	-0.45487	-0.45668	-0.81517
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0.01021	-0.2044	-0.23388	-0.08141	-0.45778	-0.62919	-0.64266	-0.40273	-1.62743
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m_liver_hiç	m_liver_hiç	m_liver_hiç	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
-2.21523	-2.64162	-2.90316	0.01338	0.01568	0.02434	0.06146	0.00911	0.01479
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-1.97272	-1.88931	-1.9875	0.0967	-0.02007	0.03875	0.09295	0.02428	-0.12232
-1.40259	-1.66309	-1.76323	0.05672	-0.04117	0.05745	-0.02871	-0.18552	-0.08175
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-1.40104	-1.81222	-2.0128	0.05616	0.09682	0.01572	0.03474	0.03107	-0.0368
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-1.40337	-1.96833	-2.1513	-0.1468	-0.12642	-0.04218	-0.04971	-0.07576	0.05991
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-1.17269	-1.24197	-1.37621	0.09666	0.17756	0.15297	0.21904	0.23013	0.03829
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-1.0541	-1.30095	-1.33584	0.12031	-0.08363	0.13301	0.114	0.07475	-0.03616
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-1.63616	-1.78838	-1.85866	-0.00624	-0.20905	-0.09422	-0.09138	0.00321	0.15005

-0.2658	-0.36551	-0.54771	-0.00191	0.01285	0.01837	-0.02379	-0.00652	-0.00782
-1.82521	-1.60517	-1.49715	-0.02887	0.14077	0.01179	0.04384	-0.14657	-0.201
-1.22435	-1.37924	-1.43812	0.20847	-0.15407	-0.14643	-0.05262	0.06559	-0.08657
-2.43471	-1.9755	-2.00462	-0.03286	0.21426	0.06843	0.05063	0.33848	-0.0016
-1.13928	-1.01664	-1.09536	0.28744	0.35253	0.28282	0.18183	0.45702	0.27747
-1.68711	-1.14039	-1.23879	0.05345	-0.03312	-0.04428	0.01115	0.08607	0.10891
-2.23153	-2.43199	-2.50874	-0.18895	-0.28864	-0.1345	-0.08859	0.09748	-0.07424
-1.95475	-2.33536	-2.62887	-0.19272	-0.47394	-0.23993	-0.2727	0.18504	0.10699
-0.92574	-1.01223	-1.51596	-0.0981	0.11629	-0.07214	0.0223	0.02742	0.11997
-1.10169	-1.00562	-0.99784	-0.03223	0.10622	0.03036	-0.02485	0.19544	0.15773
-1.67969	-1.60321	-1.63357	0.13961	0.18423	-0.18817	0.08676	-0.16216	0.01011
-0.88596	-0.84226	-0.8904	-0.01242	0.0933	0.06744	0.06461	0.12265	0.12374
-1.0087	-0.85901	-1.24942	0.01963	-0.01313	0.0493	-0.15831	0.14689	0.1625
-1.30249	-1.33606	-1.21323	-0.05238	4.80E-04	0.02466	0.01362	0.01816	0.03965
-1.33046	-1.3211	-1.29928	0.02352	-0.25745	-0.02105	0.06097	0.19914	0.0724
-0.80151	-0.90811	-0.88545	0.00213	0.17911	0.12716	0.13367	0.03363	0.02599
-1.33009	-1.34037	-1.68067	-0.07012	0.0871	-0.06475	-0.0135	0.26753	0.25441
-0.86319	-0.73631	-0.86729	-0.05249	-0.15298	-0.00403	-0.03586	0.10868	0.08515
-0.20184	-0.51583	-0.86976	-0.03154	-0.00191	0.00264	-0.03919	0.01679	0.04148
-1.27493	-1.05798	-1.05201	-0.11087	-0.02158	-0.00307	-0.10227	0.15689	0.0318
-0.68409	-0.77709	-0.92409	0.00536	0.02636	0.10414	0.0794	0.11662	0.13338
-0.68803	-0.87357	-1.23204	0.06993	0.22476	0.04106	0.15666	-0.07975	-0.02252
-0.52048	-0.58941	-0.99214	-0.12844	0.01446	-0.07976	-0.04147	0.09085	0.08314
-1.05085	-1.1156	-1.38293	-0.01816	0.15152	0.06796	0.24861	0.1328	0.05629
-0.58187	-0.69009	-0.83867	-0.07042	0.03167	0.0105	-0.0373	0.03692	0.09563
-0.56144	-1.15257	-1.35717	0.15657	-0.00703	0.0328	-0.04713	-0.28931	-0.0508
-0.99005	-0.95393	-1.03839	-0.11765	-0.00807	-0.09446	-0.13872	0.09966	0.06309
-1.41852	-1.18428	-1.12746	-0.03703	0.02087	0.04949	-0.03279	0.04318	0.02399
-1.46006	-1.30533	-1.33242	0.0262	0.10853	-0.05332	0.03663	-0.00335	5.50E-04
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-1.72563	-1.69122	-1.89353	0.08042	0.1426	0.09496	0.10425	0.0288	0.07702
-1.37635	-1.25206	-1.29178	0.06698	0.04398	0.09853	0.11184	0.06898	-0.12654
-0.54351	-1.08269	-1.13208	-0.07218	0.12128	0.03428	0.00646	-0.11133	0.04254
-1.09709	-1.28642	-1.50421	0.07072	0.00403	-0.22796	-0.09382	-6.20E-04	0.04534
-1.78784	-1.03816	-1.00778	0.27505	-0.20432	0.17674	0.1277	-2.00E-05	0.06164
-0.73307	-1.14072	-1.30518	-0.07195	0.02997	-0.01054	-0.01458	0.00902	0.01526
-0.52408	-1.19313	-1.49549	-0.09906	0.03671	-0.02277	-0.01149	-0.01758	0.06983
-1.38786	-1.54478	-1.66688	0.1729	0.19239	0.25313	0.24404	-0.07641	-0.12139
-0.3924	-0.78331	-1.21641	0.03771	0.02333	-0.0383	0.02756	-0.03161	0.01604
-0.9006	-1.01534	-0.96054	-0.06266	-0.17368	0.01681	-0.06982	0.17226	0.18795
-1.36868	-1.34775	-1.40019	0.23233	-0.06486	-0.24533	0.10341	-0.24558	-0.15293
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-0.37317	-0.60658	-0.8143	-0.02631	0.10717	0.09615	0.04988	0.01378	0.04797
-1.75302	-1.1249	-1.21737	0.14408	0.05272	0.06024	0.08303	0.14057	-0.0409
-1.21527	-0.92817	-0.8975	-0.05897	0.01978	0.0246	0.0392	0.01403	-0.12203
-2.21093	-2.7106	-2.53172	-0.10552	-0.07157	-0.0985	-0.14436	-0.3823	-0.05301
-1.29825	-1.26112	-1.19686	-0.07087	-0.06846	-0.01846	-0.02828	0.12755	0.10623
-1.61026	-1.46645	-1.4911	-0.02403	-0.1798	0.03808	0.04471	0.12246	-0.06596
-2.46979	-2.27367	-2.2253	-0.0685	0.13937	0.02738	0.09975	0.06211	0.00355
-1.19852	-0.85864	-0.89598	0.02042	0.13217	0.06538	-0.00942	0.18207	0.1157
-1.42706	-1.06986	-1.36601	-0.01375	0.07345	0.02302	-0.05181	0.02903	0.06193
-0.60152	-0.62449	-0.86358	0.22854	0.24444	0.23088	0.13263	-0.03179	0.01821

-0.74706	-0.85792	-1.09727	-0.16878	-0.06558	-0.08629	-0.02182	0.07547	-0.01117
-1.23011	-1.09094	-1.00672	-0.07533	-0.1306	-0.05202	-0.05473	0.11035	0.04548
-0.72944	-0.86154	-1.17228	0.0236	-0.03892	0.07279	-0.03383	-0.11073	0.04075
-1.74496	-1.9112	-1.91317	0.05051	-0.004	-0.2118	0.06894	-0.06507	-0.00289
-1.02462	-0.87139	-0.87613	-0.07782	-0.164	-0.05523	-0.03931	0.11229	0.10261
-2.52201	-1.99436	-2.20006	0.05395	0.14122	-0.06764	-0.01084	0.13439	-0.20968
-1.25604	-1.21678	-1.24201	0.04233	-0.14192	0.03256	0.03742	0.1882	0.15137
-0.53476	-1.25157	-1.36409	0.03789	0.04094	-0.02452	0.07323	-0.03597	-0.06139
-0.86709	-0.78906	-1.09031	-0.05955	0.07129	-0.05732	-0.08109	-0.09521	0.08712
-1.12304	-1.04666	-1.34772	0.05212	0.08066	5.10E-04	-0.043	-0.05257	0.00438
-2.09567	-1.79072	-1.71342	-0.34112	-0.28027	-0.3072	-0.39923	0.25923	0.22473
-1.83047	-1.93835	-1.88427	0.10774	0.00846	0.08747	0.09805	-0.21696	-0.32537
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-1.02394	-0.7639	-0.80913	-0.00396	0.13456	0.10981	0.05229	0.00972	0.00578
-1.49343	-1.67819	-1.72449	0.04224	0.24801	0.16296	0.1009	-0.18076	-0.23033
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-1.31376	-0.92139	-0.96269	0.18577	0.15003	0.1116	-0.01335	0.0732	0.09175
-1.59802	-1.33071	-1.46326	0.13214	0.15257	0.14609	0.06491	-0.02691	-0.14238
-1.20167	-0.95349	-0.9887	0.16069	0.07384	0.11504	0.11597	-0.10346	-0.03583
-0.85605	-0.81811	-1.06532	-0.00719	0.01427	-0.00388	0.09203	0.0687	0.0032
-0.98509	-0.98973	-0.95118	-0.18164	-0.09637	-0.1644	-0.09313	0.04906	0.12273
-0.76736	-1.09825	-1.40555	0.08135	0.12475	0.11735	0.02586	-0.06276	0.08325
-0.63409	-0.73974	-0.99374	0.10442	0.15716	-0.06013	-0.13537	-0.11124	0.05009
-1.35236	-2.34568	-2.80639	0.10341	0.06554	-0.01073	-0.10372	-0.19629	-0.03996
-1.09606	-1.17255	-1.13221	0.05381	-0.00397	-0.0119	0.02353	-0.12384	-0.09457
-0.92259	-0.97356	-1.2203	-0.04285	-0.2257	-0.00205	-0.01697	0.136	0.08906
-1.6137	-1.46513	-1.44966	-0.29236	0.0577	-0.03551	0.01042	0.40336	0.4133
-0.81303	-0.8698	-1.32175	0.12177	0.1155	0.17601	0.09747	0.15688	0.05642
-1.5962	-1.19209	-1.5749	0.3524	0.23031	0.45931	0.50669	0.12505	-0.11522
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-0.44658	-0.63489	-0.81987	0.05272	0.031	0.05873	0.04345	0.0482	0.02594
-1.74295	-1.22526	-1.42824	-0.0012	-0.03782	-0.14362	-0.09176	0.23604	0.11374
-1.12887	-1.26002	-1.22491	0.11429	-0.31494	-0.0323	0.02956	-0.24096	0.08905
-0.94694	-1.05632	-1.36692	0.11739	0.13207	0.02858	0.03796	-0.12271	-0.05569
-0.93961	-0.7943	-0.87664	-0.00161	-0.12981	0.08736	-0.02503	0.28815	0.15186
-0.3567	-0.57157	-0.8355	-0.08938	0.04467	-0.06136	-0.04987	-0.01068	-0.05866
-1.72308	-1.51805	-1.50078	-0.15337	0.3514	0.39309	0.22338	0.04025	0.06587
-0.73678	-0.48133	-0.88503	-0.12457	0.06625	0.02934	0.01997	-0.01744	-0.03434
-1.52614	-1.50686	-1.1261	0.0116	0.17484	0.31751	0.02355	-0.11368	-0.20665
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-1.22163	-1.04007	-1.01106	-0.02435	0.0338	0.14793	0.05025	0.16331	0.09452
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-1.61808	-0.96562	-1.03271	-0.21396	-0.10573	0.02706	-0.00241	-0.04973	-0.02252
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-1.53163	-1.62866	-1.81576	-0.04473	-0.16302	0.0115	-0.04641	0.02141	-0.05319
-0.84629	-0.89817	-0.87256	0.18322	0.11906	0.15136	0.20447	-0.13823	-0.06413
-0.87662	-1.02075	-1.28655	0.14055	0.05609	-0.03187	0.18369	0.40143	0.02741
-1.25137	-0.97245	-1.13246	-0.01023	-0.08383	-0.2692	-0.09748	0.0588	0.07257
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-0.96193	-0.78123	-0.81742	0.15186	0.09938	0.11224	0.14662	0.13417	0.1198
-0.93165	-0.89872	-0.88715	0.00503	0.09115	0.08599	0.14074	-0.05715	-0.20924
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-0.66314	-0.66258	-0.99142	-0.03187	-0.01772	-3.10E-04	-0.04402	0.12753	-0.08642
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-0.30108	-0.6237	-0.8183	0.02416	0.00401	-0.03636	-0.00979	0.01531	-0.10514
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-0.46301	-0.52932	-0.74262	-0.08222	-0.04619	-0.10255	-0.05465	0.03376	-6.50E-04
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-1.39225	-0.80498	-0.86107	0.1083	0.03509	0.10392	-0.02209	-0.32794	-0.03348

-0.63683	-0.91361	-0.80303	0.05079	0.11567	0.02506	0.14406	0.03032	0.01185
-0.77902	-0.80865	-1.37583	0.06642	-0.07997	0.0792	0.02639	0.02369	0.10844
-1.16674	-1.10981	-0.95053	-0.07428	0.15451	0.02142	0.102177	0.07996	0.0318
-1.51107	-1.54231	-1.63897	-0.16536	-0.21799	-0.15665	-0.18275	0.0145	-0.00977
-0.73804	-0.6191	-1.10874	-0.0062	-0.02607	0.05087	0.03447	-0.01701	0.11826
-1.48462	-1.14933	-1.21792	-0.10443	-0.22103	-0.07548	-0.08325	0.23502	0.20618
-0.45577	-0.58742	-0.90639	-0.10123	0.00562	0.07376	-0.02851	-0.00309	0.04719
-1.27677	-0.79924	-0.94041	0.04812	-0.09684	0.05187	0.0766	0.14444	0.00928
-1.45722	-0.92374	-0.91606	0.1274	-0.05054	0.06595	-0.13246	-0.06961	-0.04411
-0.7364	-0.81909	-0.63548	0.16303	0.0695	0.14783	0.0806	-0.05686	0.04085
-0.7489	-0.64491	-0.92299	0.08477	0.18096	0.07984	0.08781	0.19749	0.00161
-0.98153	-0.79092	-1.14888	-0.05407	0.06212	-0.05666	0.0484	0.0995	0.03782
-1.20159	-0.95963	-1.29342	0.08116	0.15178	0.12027	0.0691	0.31898	0.08733
-1.13078	-1.14564	-1.21662	-0.0251	-0.0991	-0.16867	-0.2864	0.00479	0.03151
-0.306	-0.45229	-0.74296	-0.05725	-0.05339	0.00272	0.00408	0.05483	0.04626
-0.21897	-0.67375	-1.16082	0.00686	-0.04268	0.03594	-0.01799	0.03811	0.0931
-0.61917	-1.1746	-1.09072	0.06859	0.05878	0.07958	-0.00687	-0.28421	-0.11792
-1.1167	-1.10131	-1.20201	0.11045	-0.00515	0.0702	0.09334	-0.2367	-0.12327
-0.83135	-1.11582	-1.20916	0.28079	-0.00159	0.16367	0.15229	-0.15633	-0.10429
-0.71666	-1.99769	-2.50362	0.02264	0.2334	-0.0727	-0.06425	0.02482	-0.029
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-0.16775	-0.42413	-0.54423	-0.02076	0.09634	0.02995	0.04753	-0.04868	-0.04218
-0.93084	-0.66117	-0.66036	0.00645	0.05942	-0.11171	-0.08814	0.15957	0.06038
-1.07221	-0.96466	-1.02541	0.03664	0.00624	-0.01031	-0.03388	0.18129	0.18626
-0.9072	-0.72136	-0.79668	0.07	0.2596	0.15269	0.13912	0.22265	0.22298
-0.48624	-0.65845	-0.94492	0.03445	0.01801	0.02625	0.02762	-0.14306	-0.1297
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-0.6422	-0.71919	-1.16595	0.06045	0.05537	-0.00292	-0.06559	0.01432	0.03711
-0.66615	-0.65921	-1.09502	-0.03239	0.04022	-0.07385	0.11524	-0.13535	-0.04572
-0.14598	-0.41661	-0.52559	0.03434	-0.00108	-0.03029	-0.03536	0.07199	0.02287
-0.18843	-0.65435	-0.54714	0.01608	-0.10846	-0.00543	-0.03947	0.05718	0.04953
-0.53092	-0.29039	-0.43048	-0.05499	0.01797	0.0095	-0.0044	0.04316	0.09312
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m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
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0.09514	0.14773	0.03948	-0.00359	-0.09385	-0.07975	-0.1316	0.01279	-0.01517
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0.20085	0.09393	0.05488	0.09089	0.04984	0.09672	0.02352	0.09397	0.06069
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0.03074	0.02514	0.04798	0.04479	0.0345	0.00166	0.02131	-0.00592	0.01872
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0.02823	0.00251	0.00554	0.02796	0.05411	0.06019	-0.00849	-0.03988	-0.02945
0.00237	-0.07727	-0.04307	0.04372	0.03776	0.02443	0.05893	0.08341	0.13225
0.08907	0.13523	-0.1609	0.10891	-0.19347	-0.29781	-0.11055	-0.1243	-0.00601
0.11065	0.04274	0.02925	0.02076	0.12141	0.06254	-0.1743	-0.10588	-0.13205
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0.09352	-0.02337	0.06427	0.17482	0.04202	0.16004	0.0109	0.08878	0.05589
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0.02032	0.03949	0.0808	0.02271	0.15664	0.06946	0.0208	0.02937	0.01559
0.2209	0.09804	-0.01082	0.06497	0.06729	0.06169	-0.06745	0.00267	-0.20451
0.08918	0.06228	0.01131	0.04216	1.50E-04	0.01233	0.03387	0.10653	0.06377
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0.10974	0.08585	0.039	0.04172	-0.06835	-0.04666	-0.04042	-0.12027	-0.05373
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0.11001	0.0062	0.03913	0.07379	0.08214	0.09488	0.05642	0.02933	0.03475

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0.02016	-0.04258	-0.02644	0.01786	0.09221	0.02816	0.06506	0.1336	0.1231
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0.01639	0.02584	0.07636	0.07681	0.04672	0.08963	0.13236	0.16065	0.09559
0.08289	0.12497	-0.15522	-0.06852	-0.06572	-0.06511	0.11718	0.06722	0.13021
0.05746	-0.02079	-0.39247	-0.34692	-0.40557	-0.39071	-0.17545	-0.13245	-0.16792
0.20025	0.15489	0.05782	0.03033	0.09819	0.07006	-0.10494	0.07639	-0.04236
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0.22866	0.28786	-0.0369	-0.05729	-0.01306	-0.0358	-0.09085	0.03042	-0.01365
0.16125	0.01995	0.081	-0.00622	0.10631	-0.0216	-0.1131	-0.05739	-0.09641
0.35111	0.22603	-0.01689	0.00694	0.05309	0.03848	-0.05865	0.09263	-0.00542
0.07404	0.04079	-0.03791	0.017	0.08866	0.05337	0.02616	0.03061	0.03387
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0.11445	0.01254	-0.10764	0.03055	-0.01385	-0.11838	0.00754	-0.0055	0.01273
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0.00717	0.07288	0.09431	0.14297	0.15347	0.14583	0.0481	-0.00519	0.02864
0.12067	0.04224	-0.05772	-0.05463	-0.00838	-0.03015	-0.03331	0.02402	-0.15508
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0.10153	0.03761	-0.10221	-0.09146	-0.02394	-0.10155	-0.15812	-0.13383	-0.16772
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0.01195	0.0227	-0.06755	-0.03504	-0.07564	-0.00837	-0.09328	-0.07883	-0.0037
-0.24555	-0.20838	-0.27033	-0.21864	-0.16321	-0.16749	0.00271	0.00211	0.03654
0.1909	0.10799	0.01188	0.06456	0.09575	0.01181	-0.02656	0.02094	0.01112
-0.08987	0.00278	-0.06304	-0.19913	-0.11784	-0.21033	0.09463	0.06889	-0.10302
-0.02014	-0.00211	-0.03092	-0.02461	0.016	0.01418	0.03182	0.02763	0.03409
0.07729	0.13226	0.06599	0.05058	0.00277	0.06395	-0.05658	0.02728	0.03274
-0.11539	-0.02164	0.04072	0.05238	0.00572	0.04558	0.2885	0.29348	0.33501
-0.18339	-0.16172	-0.15963	-0.15399	-0.10983	-0.18984	0.04081	0.00102	-0.08612
0.02158	0.11444	0.07053	0.07866	0.09873	0.0988	0.06535	0.03837	0.09232
0.12479	-0.10541	0.04721	0.00792	-0.10606	0.01357	0.00595	0.06811	0.11115
0.25797	0.26124	-0.21289	-0.21999	-0.16717	-0.19153	-0.08638	0.06487	-0.12927
0.15831	0.12791	-0.13507	-0.07958	-0.08336	-0.08309	-0.011	0.19115	0.06011
0.21824	0.16648	-0.03136	-0.02043	0.03746	0.01785	-0.02016	-0.10732	-0.08031
0.09375	0.1173	-0.08052	-0.05097	-0.03183	-0.01265	0.02715	0.05923	0.03071
0.08683	0.11469	0.00474	0.02673	0.12995	0.05539	-0.04142	-0.02547	0.0359
0.00737	0.10154	0.07106	0.05777	0.07945	-0.04134	0.02665	0.0297	0.058
-0.03328	-0.01174	0.24622	0.46881	-0.48907	0.00135	0.06407	-0.02288	0.23273
0.00233	-0.07498	0.05283	0.07801	0.11787	0.05961	0.14836	0.2239	0.2089
0.07882	0.22175	0.31667	0.34316	0.33965	0.27244	-0.06622	-0.0827	-0.05955
0.06456	0.12944	-0.00542	0.05148	-0.05193	-0.08066	-0.01173	-0.05318	0.00238

0.01023	0.02663	-0.02522	-0.00279	0.0973	-4.60E-04	0.02033	-0.01973	0.02285
-0.12839	-0.14096	-0.36766	-0.24152	-0.35727	-0.28016	0.08377	0.08113	0.12788
-0.18819	-0.12292	-0.24055	-0.1876	-0.16599	-0.02548	0.07168	-0.25335	-0.0357
0.23274	0.1198	-0.10024	-0.04746	0.20959	-0.12229	0.05782	0.0903	0.12944
0.40767	0.26963	0.19208	0.20818	0.2439	0.23476	0.15398	0.23268	0.21953
0.09814	0.05545	0.04734	9.30E-04	-0.02827	-0.00559	0.18695	0.15636	0.1009
0.07836	0.01222	0.07749	0.0632	0.12127	0.09943	-0.19386	-0.13315	-0.19393
0.15069	0.07722	0.1021	0.12149	0.10311	0.09782	-0.23219	-0.09128	-0.16724
-0.01214	0.05092	7.99E-04	-0.0147	-0.04967	-0.02439	0.0505	0.05449	0.12107
0.20026	0.1065	-0.06372	-0.05613	0.00145	-0.01523	-0.08449	-0.026	-0.06818
0.05362	-0.18357	0.03658	0.01491	-0.00526	-0.13633	0.25062	0.0169	0.09881
0.18649	0.13095	0.04949	0.07254	0.0491	0.09647	0.06516	0.06842	0.10133
0.14643	0.11055	0.0296	0.09646	0.08624	0.09268	-0.06184	-0.01103	0.00237
0.06661	-0.00452	-0.07478	-0.03918	0.06319	-0.00293	-0.00593	-0.03141	0.01614
0.18924	0.16653	0.01179	-0.01353	-0.03014	0.06527	-0.16307	-0.18527	-0.13446
0.01449	-0.04338	0.0036	-0.03208	-0.03598	-0.05118	-0.09431	-0.0232	-0.04081
0.22342	0.2249	-0.20926	-0.14308	-0.12991	-0.12088	-0.03024	-0.01058	-0.00122
0.1152	0.09279	0.09845	0.14308	0.19053	0.17555	-0.02459	0.0324	0.02719
0.03202	0.03484	0.01108	-0.02021	0.02062	-6.80E-04	-0.03282	-6.80E-04	0.00916
0.17616	0.04975	-0.10733	-0.07752	0.0022	-0.05497	-0.13744	-0.05558	-0.10306
0.05204	0.02121	0.04348	0.00338	0.06957	-0.01855	0.06994	0.09269	0.07805
-0.01023	0.09398	0.16905	0.09703	0.06408	0.09887	-0.02779	0.07158	0.21418
0.04687	0.05219	0.21516	0.17383	0.12629	0.17678	0.00382	0.0634	0.02921
0.0575	0.00303	-0.01115	-0.20174	-0.04369	-0.22744	-0.04774	0.1965	-0.0965
0.07091	0.04775	0.12403	0.01337	0.01714	0.00892	-0.03764	0.03792	-8.90E-04
0.06807	0.12445	-0.31202	-0.1749	-0.13916	-0.01016	0.16781	-0.09289	0.05885
0.18063	0.08893	-0.08321	-0.09279	-0.01509	-0.05236	-0.17095	-0.17619	-0.14063
0.08531	0.02299	-0.0121	0.0238	0.09455	0.05412	-0.02835	0.06221	0.05959
0.06135	-0.0042	-0.0057	0.04845	-0.03291	0.02589	0.00569	0.00991	0.08244
0.14317	-0.01486	-0.04315	0.16368	0.09717	0.14495	-0.29062	-0.16134	-0.24053
2.10E-04	0.01844	0.1017	0.03928	0.02838	0.05485	0.1571	0.15281	0.15565
0.00803	0.00966	0.11119	0.03753	0.10251	0.17396	0.13583	0.00833	-0.02622
-0.04131	0.02897	0.04132	0.13545	0.13748	0.06383	-0.05154	-0.02054	0.10117
0.09858	-0.05699	-0.15608	-0.18524	-0.10042	-0.09111	-0.04922	-0.00964	0.02989
0.05287	0.21383	-0.22024	0.03175	-0.12905	-0.05199	0.08461	0.17281	0.29814
0.0469	0.07815	0.11396	0.11488	0.14864	0.08145	-0.01223	0.02519	-0.00618
-0.0263	-0.03008	0.06561	-0.04352	-0.04517	-0.03648	-0.05142	0.0149	0.03087
-0.08377	-0.10532	-0.29307	-0.36376	-0.29071	-0.36262	-0.00447	0.06479	-0.02831
0.00878	0.02583	0.02077	0.08842	0.05065	0.04833	0.0345	0.00686	0.08775
0.14173	0.19002	0.03036	-0.06994	0.04199	0.03098	-0.05189	0.07896	0.00884
0.17012	-0.16431	-0.23922	0.27409	0.12681	0.16791	-0.08568	-0.14837	0.21205
-0.04423	-0.02524	-0.01954	0.03448	0.0631	0.02062	0.02717	0.01005	-4.70E-04
0.04715	0.13714	-0.09917	0.0978	0.08786	0.02189	0.04103	0.06087	0.05575
0.1248	0.05973	-0.1158	-0.00522	-0.05719	0.01499	0.0285	0.05996	0.0614
-0.00816	-0.05584	0.11634	0.16205	0.11427	0.13237	-0.023	0.10802	0.01895
-7.20E-04	0.18719	0.17162	0.17198	0.29298	0.05299	0.05369	0.19382	0.25983
0.04519	-0.01004	0.04378	-0.08035	0.03126	-0.06728	-0.03428	0.0108	-0.08281
0.02364	0.01502	-0.03628	-0.04748	-0.02002	-0.01286	0.07166	0.08921	0.06552
0.03604	-0.00717	0.07491	0.07266	0.03624	0.06197	-0.0306	0.10693	0.04711
0.16277	0.10024	-0.05075	-0.05278	-0.03006	-0.00733	-0.0354	0.01211	0.01939
0.02635	0.04863	-0.15154	-0.17602	-0.13952	-0.14067	0.02061	0.00925	-0.00417
-0.02667	-0.0531	-0.01084	-0.02845	0.02365	0.02544	0.21732	0.24627	0.19859

0.01526	0.09641	-0.0035	-0.06479	-0.10012	-0.01443	0.05143	-0.00364	0.00856
0.15565	0.0883	-0.07713	-0.00421	-0.02277	-0.02107	-0.10254	-0.01117	-0.03121
0.02197	0.00157	-0.018101	-0.02673	-0.01617	-0.031	0.00995	-0.01246	-0.02697
0.00614	0.01314	-0.36033	0.05487	-0.1676	-0.08942	0.11223	-0.11401	0.19033
0.12111	0.10351	-0.07002	-0.03143	-0.0455	-0.02281	-0.00133	0.05264	0.06028
-0.17766	0.02347	-0.05333	-0.19874	-0.13251	-0.17995	-0.00895	0.02872	0.11699
0.20793	0.20107	-0.14745	-0.16938	-0.18764	-0.14786	0.07218	0.07155	0.07578
-0.03321	0.00313	-0.0057	-0.07365	-0.00204	-0.0812	-0.01032	-0.00396	-0.02616
0.05193	0.12081	-0.02439	-0.07193	-0.03556	-0.1327	-0.0157	-0.04114	0.01853
0.06405	0.0813	-0.25051	-0.21122	-0.22694	-0.17384	0.03902	-0.08012	0.01971
0.31405	0.25635	-0.04595	0.01806	0.03711	0.022	-0.15943	-0.12915	-0.11996
-0.28073	-0.22133	-0.2918	-0.1452	-0.19602	-0.1318	-0.04427	-0.14974	-0.10958
-0.00617	0.05085	0.11808	0.02321	-0.00679	-0.05576	-0.0682	0.01317	-0.00153
0.02511	-0.01523	-0.05657	-0.04391	0.05339	-0.02427	-0.01473	0.10293	0.08406
-0.19928	-0.27807	0.02701	-0.01391	0.11471	0.00426	0.29441	0.45365	0.36537
0.01177	0.0672	-0.00636	0.08138	0.07335	0.06091	0.02203	-0.03848	0.03659
-0.0036	0.01938	0.14618	0.11165	0.145	0.11361	-0.03752	0.07444	0.03946
0.06437	-0.0119	-0.05808	-0.024	-0.0686	-0.00344	0.05324	-0.00987	-0.00932
0.21581	0.10712	-0.18076	0.16325	0.09711	0.0547	-0.00861	0.61934	0.43866
-0.02901	0.0368	-0.02827	-0.02994	0.0372	0.07236	-0.01144	0.21684	0.17269
0.02352	0.00556	0.0903	0.15946	0.13871	0.12972	0.06802	0.08133	0.12133
0.04843	0.19821	-0.11597	-0.07449	-0.03073	-0.04237	-0.10401	-0.06621	-0.07366
-0.08868	0.01225	-8.70E-04	0.21594	0.01377	0.12227	0.15071	0.15049	0.21525
0.0426	-0.04432	0.00358	-0.01065	-0.04686	-0.01209	-0.0393	-0.13532	0.09188
-0.01937	0.06633	0.04103	-0.08266	-0.02915	-0.06839	0.10073	-0.09804	0.09879
-0.04076	-0.06948	-0.04853	0.04928	0.04579	-0.01575	0.14887	0.15059	0.1902
0.10462	0.08893	0.02855	-0.0181	0.03327	0.02417	-0.08116	-0.0424	-0.03834
0.37776	0.4013	0.31275	-0.16433	0.21532	-0.05208	0.04759	0.24936	0.09133
0.16789	0.03377	0.10206	0.00792	0.07844	0.00705	-0.1466	-0.10577	-0.09448
-0.02683	-0.02651	-0.14786	-0.1906	-0.17422	-0.22756	0.34154	0.64116	0.11594
-0.03382	-0.08162	0.22308	0.06993	0.03721	0.0314	-0.04643	-0.00866	-0.10099
-0.10675	-0.04171	-0.35216	-0.15124	-0.07774	0.13266	0.27251	-0.26949	-0.18395
0.09638	0.12342	-0.12812	-0.06094	-0.02486	-0.02291	-0.00332	0.01947	0.02848
0.00457	0.07405	0.17873	0.03077	0.23586	-0.10215	-0.14927	4.10E-04	-0.12265
0.01432	0.23084	-0.09594	-0.06033	-0.25866	-0.03966	0.09733	-0.37184	-0.31104
-0.07652	-0.00535	0.00701	0.19152	-0.05379	0.0788	0.07165	0.13557	0.18964
0.2792	0.10864	0.06422	0.04174	0.12602	0.07538	-0.04385	0.10174	0.0146
0.00448	-0.07191	0.07367	0.04925	0.07867	0.11506	-0.0137	-0.03013	-0.04247
0.14233	0.34408	0.60509	0.37805	0.08132	0.26555	0.01429	0.23292	0.3679
-0.01569	-0.04122	0.08538	0.00511	0.09446	-0.02828	0.10643	0.15102	0.10283
0.05162	0.07885	0.07238	0.13435	0.04545	0.15855	0.18424	0.13115	0.36875
0.31652	0.19994	-0.3313	-0.29336	-0.27111	-0.24195	0.22533	0.29355	0.27833
0.04468	0.06836	-0.03131	0.05081	0.0808	0.05436	0.02007	0.10505	0.03036
0.13637	-0.01153	-0.04407	-0.06531	0.01471	-0.08673	-0.12495	0.01981	-0.15939
0.24923	0.1564	-0.25239	-0.23032	-0.13941	-0.13666	0.02443	-0.0032	-0.04824
0.13138	0.08914	0.07898	0.14799	0.19571	0.1877	-0.01181	-0.00866	0.03308
0.0933	0.06379	-0.1141	0.03581	0.01022	0.02316	0.10921	-0.04038	0.02507
0.07776	0.12497	0.0415	-0.05126	-0.09768	0.02465	0.03094	-0.10584	0.01203
-0.17366	-0.15353	0.1283	0.1402	0.07007	0.12158	0.24684	0.24327	0.20802
0.00705	0.04385	-0.03053	-0.11362	0.00211	-0.07421	0.09661	0.10865	0.06533
0.06917	0.01849	-0.32458	-0.19169	-0.27061	-0.22825	0.06247	0.04589	0.01332
0.05649	0.0753	-0.0686	0.01627	0.0217	0.01493	-0.08169	-0.02627	-0.01848

0.13379	0.16699	-0.19171	-0.08034	-0.05339	-0.0569	-0.12519	-0.15461	-0.09895
0.05105	0.04501	0.02546	0.12388	0.0493	0.1028	0.01692	0.01976	0.09683
0.09984	-0.02994	-0.01437	-0.00323	0.0749	0.02342	-0.06604	0.05191	0.01049
-0.01325	-0.15737	-0.09473	-0.12291	-0.03458	-0.11324	-0.1862	-0.01628	-0.10894
-0.16627	-0.06936	0.06295	0.07531	0.10005	0.07242	0.0609	0.07734	0.12613
-0.00843	0.10596	-0.15507	0.02771	-0.09367	-0.03185	0.01774	-0.0766	-0.00217
0.18706	0.01593	-0.08809	-0.00191	-0.09667	-0.00516	0.06208	-0.10915	-0.03306
0.09707	0.00573	0.02068	0.01654	0.05818	0.02158	-0.04805	0.01048	-0.05972
0.03787	-0.00596	0.17122	0.01392	0.03014	-0.05147	0.01692	-0.10926	-0.12866
0.0178	0.03234	-0.10151	0.0247	0.02422	0.02639	-0.03837	0.05124	0.02183
-0.01996	-0.04987	-0.05808	0.03918	-0.06221	-0.04004	-0.00803	-0.01678	0.13784
-9.40E-04	-0.07434	-0.12925	-0.01506	-0.0487	-0.08074	-0.12392	0.01456	-0.11113
-0.07762	-0.17713	0.05692	0.05803	0.12732	0.06247	-0.20712	-0.1713	-0.16195
0.00489	0.0022	-0.038	0.01475	0.07553	0.03541	-0.122	-0.17185	-0.03948
0.03722	0.03383	-0.01567	-0.0394	-0.13377	-0.03326	0.14716	0.13852	0.14564
-0.06041	-0.13653	0.08142	0.15338	0.08982	0.12559	0.1056	0.15697	0.10514
0.09727	0.15175	-0.1075	-0.10439	-0.08443	-0.12999	-0.09026	0.0587	-0.03743
0.08656	0.01833	-0.03355	-0.01768	-0.01172	-0.04668	-0.05403	0.01997	0.00149
-0.04226	0.03458	0.03009	0.06174	0.0941	0.03107	-0.00686	-0.01865	0.05436
0.06981	-0.04836	-0.01996	0.09717	0.09037	0.07242	-0.07954	-0.0548	-0.02579
0.22095	0.04534	-0.04427	-0.11417	0.011	-0.04451	-0.11939	0.09849	-0.05404
0.02665	0.00304	-0.13045	-0.00301	-0.02309	-0.0247	0.09884	0.00222	0.06219
0.13486	0.05958	-0.11244	-0.07451	-0.05388	-0.15879	-0.04408	-0.07989	-0.03133
0.18822	0.10063	-0.14894	-0.05271	-0.08473	-0.0686	-0.09349	-0.07323	-0.03562
0.05454	-0.05043	-0.08894	-0.01171	0.00605	-0.042	-0.08472	0.03982	-0.04666
-0.02421	0.11358	-0.12163	-0.07755	-0.0363	-0.07141	0.06154	0.08022	0.06934
0.11008	0.02931	-0.06464	-0.01307	0.03652	-3.70E-04	-0.17445	-0.13832	-0.11478
0.16545	-0.05253	-0.02604	0.19564	0.10787	-0.07196	-0.03388	0.09418	0.04246
0.06921	0.053905	0.10065	0.16609	0.19782	0.13757	0.30342	0.42666	0.36
-0.06143	-0.18007	0.05049	0.01478	0.0261	0.02268	0.14322	0.10938	0.13681
-0.16922	-0.08577	0.06447	0.01726	-0.05151	-0.03537	0.00882	0.21709	0.13195
0.07319	0.01756	-0.07922	-0.10332	-0.00814	-0.12661	-0.05361	0.02252	-0.12775
0.03725	0.00888	0.12051	-0.01571	0.02891	0.01808	0.07311	0.12596	0.02721
-0.03342	0.04997	-0.36859	0.0303	-0.03278	-0.2223	-0.11684	-0.20425	-0.15141
0.10612	0.01902	-0.00426	0.07435	0.07241	0.07657	0.00346	0.0054	-0.0301
-0.01591	-0.09881	-0.08161	-0.13202	-0.04862	-0.06265	-0.39861	-0.34938	-0.35562
-0.09921	0.07142	-0.15725	0.17671	0.05848	-0.02026	0.03351	-0.09663	0.04052
0.01522	-0.07893	-0.02173	-0.07701	-0.03084	-0.00986	-0.05566	0.03827	-0.01989
0.10812	0.12987	0.12599	0.04655	0.1164	0.11589	0.08323	0.12073	0.03699
0.00603	0.08636	-0.06705	-0.06281	-0.02701	0.00645	-0.10327	-0.0523	-0.07019
0.00799	0.00153	0.01073	0.05611	0.12234	0.03743	-0.01509	0.06648	0.10973
0.09414	0.10769	-0.00592	0.03167	0.06416	0.08233	-0.00482	0.03888	0.07174
0.03271	0.07385	0.00105	-0.01243	-0.01627	-0.06056	0.00228	0.01107	0.02813
-0.12517	-0.05719	0.04539	0.0116	0.03019	0.16465	-0.04685	-0.01931	0.04022
-0.20025	0.01522	0.13185	0.01072	-0.04977	-0.01503	0.22552	0.10261	-0.1356
0.08858	0.08023	-0.08768	0.10308	-0.10673	0.00979	0.16436	-0.07923	0.06522
0.13779	-0.01166	-0.11447	-0.12041	-0.10966	-0.17242	-0.24463	-0.139	-0.19105
0.09454	0.07648	-0.03621	-0.08503	-0.09875	-0.0551	-0.14283	-0.07348	-0.08002
0.06049	0.0549	-0.04177	-0.02712	0.0705	-0.00284	0.03909	0.09742	0.09226
0.06376	0.00774	0.01358	0.03492	0.04504	0.03374	-0.12469	-0.07034	-0.11651
0.1875	0.2311	-0.0347	-0.16537	-0.08053	-0.08648	-0.10584	-0.03661	-0.06476
0.24805	0.18651	-0.34828	-0.04948	-0.04852	-0.09537	0.12171	-0.05029	0.09712

0.0041	0.0922	0.03947	0.13877	0.13774	0.16159	-0.06921	-0.11595	-0.07775
7.80E-04	-0.04928	0.04924	-0.04814	0.0689	-0.01216	0.00691	0.07262	0.05848
0.08087	0.08987	0.12553	0.05415	0.09124	0.04779	-0.08387	0.0431	-0.01364
0.04741	0.0113	0.01137	0.04549	0.07948	0.06183	-0.22149	-0.23102	-0.21038
0.05918	0.00786	-0.02002	-0.10083	0.03946	-0.02141	-0.02561	-0.02927	-0.01265
0.22613	0.18689	0.01397	-0.03837	0.03543	0.00606	0.29244	0.36838	0.35058
-0.08569	0.06637	5.00E-04	-0.04968	-0.15534	-0.02137	0.03908	-0.0709	0.02234
0.16354	-0.0011	-0.05643	0.01091	-0.03422	0.02909	-0.12393	-0.06194	-0.13983
0.02343	-0.0818	-0.25295	-0.02279	-0.14151	0.0447	0.04198	-0.091	0.00577
0.02598	-0.02683	-0.13671	-0.05961	-0.00646	-0.04119	0.07483	0.00967	0.09567
0.20075	-0.02556	-0.00437	-0.06221	0.04522	-0.05005	-0.06997	-0.02918	-0.03017
0.11095	0.03351	0.15427	0.0537	0.04919	0.08745	-0.12113	-0.09854	-0.14816
0.29082	0.15031	0.04407	0.06534	0.05905	0.09086	0.05157	0.02263	0.01004
0.07167	-0.17887	-0.23933	-0.08419	-0.13434	-0.17503	-0.07424	-0.26094	-0.18737
0.04649	0.04159	-0.02336	-0.01733	0.0501	1.90E-04	-0.10802	0.02112	-0.00643
0.06192	0.02767	-0.02892	-0.08698	0.04041	-0.03858	-0.09754	-0.08733	-0.09596
-0.16715	-0.13055	-0.12297	-0.05646	0.01745	-0.10538	0.32793	0.31381	0.31269
-0.13445	-0.15428	0.10081	0.08374	0.11124	0.07177	-0.10503	-0.14415	-0.17559
-0.20847	-0.19856	-0.4999	-0.31396	-0.2187	-0.0888	0.16668	0.0061	0.29447
0.05317	0.04834	0.04855	-0.12748	-0.03148	-0.08664	-0.01677	-0.0554	-0.00486
0.12644	0.03251	0.08404	0.0068	0.06465	0.00811	-0.00471	0.10058	0.03813
-0.21035	-0.14273	-0.19842	-0.12811	-0.23273	-0.14209	0.04971	0.09189	0.01007
0.16533	0.03679	0.01116	-0.03132	0.0331	0.05791	0.00805	0.06156	0.0904
-0.02048	0.05809	-0.0221	0.07389	0.0883	0.01104	0.00295	0.01606	0.04107
0.07132	-0.01791	0.06676	-0.12877	0.05494	0.00644	0.09188	0.0333	-0.00604
0.1611	0.04926	0.18001	0.17523	0.1958	0.13582	-0.08221	-0.11326	-0.08258
0.21676	0.21596	0.0942	0.06423	0.15753	0.10079	0.18465	0.24641	0.23263
-0.11744	-0.03105	0.04581	0.06231	0.07449	0.09101	0.20019	0.21464	0.23199
0.14849	0.06253	-0.02295	0.03454	0.07592	0.04006	-0.01666	0.03267	0.00485
0.09411	0.09034	-0.03918	0.00292	0.0742	0.06336	0.18388	0.11208	0.05719
0.0746	-0.01339	-0.02677	0.02004	-0.00207	-0.03289	-0.05531	-0.04833	-0.01939
2.70E-04	0.00191	0.32774	0.10341	0.20391	0.14847	-0.18662	0.0054	-0.12152
-0.02452	0.0068	-0.05743	0.00339	0.05045	0.00348	-0.05145	-0.01122	0.04879
0.0688	0.04987	0.02731	-0.03437	0.01593	-0.03771	-0.05782	-0.04183	-0.06531
0.02239	-0.02489	0.1131	0.07874	0.12718	0.06745	0.01253	0.09598	0.02042
0.14108	0.15962	0.19941	0.29007	0.25146	0.19503	0.0281	-0.03396	-0.08122
0.11594	0.03918	0.02083	0.03809	0.24162	0.0138	0.08556	-0.09875	0.06708
0.0375	0.05343	0.17817	0.09733	0.1731	0.05995	-0.01017	-0.00462	0.03247
-0.00899	0.05393	-0.02714	-0.00224	0.05641	0.02919	0.00534	0.00136	0.0619
0.03718	0.01006	-0.06067	0.01829	0.05784	0.04829	0.24559	0.29078	0.29481
-0.07196	0.0168	0.01781	0.10299	0.04057	0.027	-0.02081	-0.05936	0.04202
-0.02251	0.0157	-0.04752	0.01826	0.02768	0.04891	0.27333	0.30971	0.3035
0.08009	0.06594	-0.07215	-0.03509	-0.11376	-0.07717	0.12996	0.11544	0.06912
0.32108	0.31285	0.28334	0.25733	0.23714	0.26493	0.18547	0.20097	0.17558
-0.05457	0.03483	0.45881	0.15368	0.25825	0.16624	-0.22934	-0.21567	-0.18451
0.02502	-0.01077	-0.006	-0.04617	-0.01105	-0.03717	-0.08114	0.00456	0.01721
-0.02782	-0.22245	-0.12698	0.02909	-0.29645	-0.08346	0.18078	-0.07694	-0.05534
7.60E-04	-0.05193	0.02177	0.01941	0.07504	0.05028	0.3574	0.38324	0.33898
-0.0846	-0.00968	0.06441	0.21229	0.07412	0.13519	-0.0495	-0.06853	-0.108
0.04156	0.0214	-0.02058	0.00626	0.05577	0.07573	0.01313	0.01221	9.40E-04
0.01174	-0.02532	0.01143	0.11241	0.07892	0.03095	0.02846	0.02712	0.08788
0.24783	0.27032	0.0108	-0.00633	-0.03794	0.00108	-0.2019	-0.24471	-0.17435

0.05649	0.0073	-0.07114	-0.05026	-0.1372	-0.10053	7.70E-04	0.01876	-0.0311
-0.05626	-0.1317	0.13515	0.01927	0.17213	0.05382	0.03011	0.1259	0.05678
-0.05276	0.05084	-0.28233	-0.22279	-0.28696	-0.28046	-0.07042	-0.11405	-0.01226
0.05709	-0.00243	-0.10028	-0.05407	-0.04241	-0.03532	-0.03223	0.04902	0.00967
0.1503	0.17647	-0.04223	-0.05163	-0.03799	-0.0472	0.07325	0.09284	0.11851
0.11819	0.11087	-0.08418	-0.06441	-0.02831	-0.0219	0.04091	0.11275	0.10692
-0.08014	0.02589	-0.12962	-0.07195	-0.00355	-0.05653	-0.22191	-0.26045	-0.13879
-0.04171	-0.00327	0.0314	-0.13297	-0.02884	-0.0348	-0.03542	-0.0336	0.02542
0.06445	0.07248	0.12858	-0.08946	0.07203	-0.07777	-0.05865	-0.0215	-0.09224
0.25057	0.18654	0.19941	0.2454	0.3201	0.11265	-0.20811	-0.19176	-0.06163
0.02154	0.02971	-0.00628	-9.00E-05	0.08359	-0.00578	-0.08234	0.01865	0.03502
0.07674	-0.13049	-0.00568	0.0241	0.06801	0.01113	0.06495	0.15674	0.10114
0.24726	-0.12711	-0.06672	-0.09701	0.09247	-0.10261	-0.04258	0.00911	0.04506
0.0348	-0.0234	-0.06036	-0.0069	0.07159	-0.03577	-0.07797	-0.0483	-0.0336
-0.05381	0.03307	-0.02069	-0.01532	0.01807	-0.01407	-0.07846	0.01499	-0.05261
0.1239	0.1508	-0.16064	-0.22216	-0.14471	-0.11926	-0.24791	-0.33299	-0.26429
-0.13242	-0.28728	0.12022	0.04102	0.06644	0.13502	-0.10331	-0.0268	-0.14941
0.09883	0.00573	-0.0159	0.01481	0.05949	0.08365	0.17534	0.19062	0.16749
-0.30795	0.13747	-1.00108	-0.31544	-0.70841	-0.49876	-0.15144	-0.37187	0.10184
0.09688	0.03453	0.05846	-0.01822	0.04637	-0.01547	-0.0235	0.0124	-0.00928
-0.01882	0.02952	-0.03857	0.0569	0.16018	-0.01942	0.0164	0.04118	-0.01345
-0.05498	0.02006	1.10E-04	0.07351	0.10506	0.05415	0.01189	-0.01334	0.10151
-0.47204	-0.24456	-0.11364	-0.25543	-0.26783	-0.23679	-0.2179	-0.21068	-0.10877
0.07109	-0.02999	0.0328	-0.01087	-0.02374	-0.05262	-0.09455	-0.02981	-0.02636
0.05964	0.05325	0.04956	-0.05564	-0.01189	-0.0105	-0.04437	0.0255	-0.02742
0.13197	-0.06325	0.07752	0.05578	0.08521	0.16246	0.09342	0.10953	0.08519
0.09801	0.19293	0.08468	0.02685	-0.09256	0.04285	0.01882	0.03423	0.05011
0.08165	-0.03485	-0.00604	0.08272	0.07851	0.12005	-0.1189	-0.12772	-0.06697
-0.00466	-0.08999	-0.04802	-0.02377	-0.07865	0.00698	-0.04952	-0.07866	0.06687
0.0669	-0.07835	0.07066	0.09226	0.16471	0.06636	-0.09894	-0.02722	-0.10981
-0.20924	-0.1502	-0.00617	0.02256	0.09769	-0.03305	-0.25423	-0.24686	-0.06645
0.14422	0.20483	-0.25372	-0.16745	-0.1871	-0.1681	0.1758	0.12787	0.14608
-0.09194	0.04817	-0.07515	0.01256	-0.05839	-0.02313	0.03559	0.02411	0.06139
0.03281	0.00882	-0.13376	-0.09887	-0.05551	-0.05948	-0.1152	-0.10413	-0.05097
0.02625	0.01321	-0.14351	-0.08471	-0.09263	-0.04355	-0.01491	-0.02355	0.03486
-0.31168	0.01852	-0.234105	0.10572	-0.39593	-0.06725	0.14121	-0.13993	0.25107
0.09248	0.08399	-0.03559	-0.10418	-0.00971	-0.10119	-0.03637	-0.02208	-0.02293
-0.03814	0.06046	0.01975	0.05004	-0.03701	0.03781	0.2533	0.1744	0.20561
0.11583	0.05797	-0.13027	-0.14053	0.11055	-0.06709	0.08802	2.60E-04	0.0861
-0.12596	-0.2517	0.30634	-0.04847	0.15865	0.16382	-0.19942	-0.03402	-0.2148
-0.07874	-0.25897	0.0261	-0.1845	0.04501	0.14598	-0.01349	-0.03906	-0.01445
0.0269	0.04039	0.01672	-0.04946	0.03799	-0.05171	-0.08706	0.04809	0.01119
-0.02159	0.04457	-0.05849	0.09836	0.12718	0.01288	-0.00955	0.02338	0.06654
0.13609	-0.05602	-0.12519	-0.04538	-0.02987	-0.01775	0.0762	0.10319	0.05942
0.028	0.08753	0.03627	0.09482	0.06515	0.00621	-0.00346	0.04127	0.01653
-0.03783	-0.09569	0.30231	0.24174	0.07575	0.1558	-0.28222	-0.24283	-0.27976
-0.03816	0.12061	0.0566	0.18954	0.03837	0.0504	0.07122	0.04111	0.17369
-2.60E-04	0.00185	-0.18914	-0.00376	0.03554	-0.04379	0.05758	0.02077	0.01547
0.08145	0.04695	0.11316	0.00671	0.05006	0.01647	0.06108	-0.05362	-0.01579
-0.21955	-0.17469	-0.09131	-0.0478	-0.11685	-0.03668	0.21863	0.10808	0.17175
-0.22139	-0.16052	0.28796	0.13359	0.25072	-0.05365	0.66912	0.40099	-0.25183
0.05053	-0.05773	-0.20247	-0.14044	-0.1604	-0.14602	-0.09413	-0.04707	-0.18708

-0.041	-0.10077	0.12008	0.06151	0.06864	0.05606	0.19149	0.19829	0.12258
0.10004	0.12986	-0.04694	-0.08973	-0.03322	-0.12658	-0.06103	-0.03426	-0.03188
0.01008	-0.02054	-0.17532	-0.06992	-0.12397	-0.14495	0.00111	0.02041	-0.12042
0.15586	0.12566	-0.16875	-0.21283	-0.08819	-0.14479	-0.12248	-0.10896	-0.1363
-0.16962	-0.25448	-0.2101	-0.11855	-0.18502	-0.12592	0.17583	0.17581	0.16556
0.00939	0.06892	0.13295	0.18582	0.04974	0.13715	0.01076	0.02994	0.07195
0.00296	-0.08272	-0.06648	-0.02833	-0.02174	0.05301	0.10609	0.02909	0.04091
-0.05652	-0.09786	0.06227	-0.01466	-0.03044	0.01875	-0.01916	0.00274	0.02017
0.23819	0.11916	-0.0831	-0.13095	-0.11798	-0.18817	-0.23596	-0.16346	-0.25713
0.09969	-0.07706	-0.02634	-0.06025	0.00866	-0.02991	0.00476	0.04401	-0.03103
0.03802	0.03294	0.05425	-0.13652	0.03715	-0.08699	0.17211	0.17935	0.03313
0.00742	0.06811	-0.00878	-0.01372	-0.02603	0.00385	-0.05426	0.00986	0.01343
0.14519	-0.03539	-0.09407	-0.10436	-0.04011	-0.11489	-0.11482	0.04212	-0.02822
0.55159	0.3209	-0.72458	-0.42963	-0.6884	-0.67474	-0.14055	-0.18897	-0.00859
-0.09207	0.08685	0.06277	0.13211	0.10056	0.03994	0.01313	0.00535	0.10878
0.00769	-0.02905	-0.04494	-0.06888	-0.09401	-0.00323	-0.01454	-0.02005	0.01113
0.10712	-0.07012	0.16756	0.07223	0.16838	-0.13084	-0.00268	0.0797	-0.07757
-0.00693	0.03595	0.00474	-0.00298	0.07328	-0.05745	-0.05174	-0.04481	0.05188
-0.22191	-0.16208	-0.22636	-0.16785	-0.18519	-0.1999	-0.01016	-0.04587	0.01573
0.24716	0.12061	-0.01888	0.02128	0.06347	0.0599	0.09025	0.175	0.12163
-0.04983	-0.02929	-0.22893	-0.1724	-0.247	-0.07593	0.08464	-0.02393	-0.08878
0.05736	0.10846	0.07396	0.18814	0.1984	0.1478	-0.03003	0.06016	0.01359
0.08454	0.08346	0.0454	0.00477	0.06116	-0.0142	0.0432	0.05445	0.03144
0.05892	0.07476	0.07087	0.17678	-0.02472	0.13804	0.09431	1.00E-04	0.06288
0.15977	0.10029	-0.07055	-0.09609	-0.03982	-0.07264	-0.05485	0.10946	0.00673
0.12146	0.06987	-0.05306	-0.09517	-0.07894	-0.06527	0.06377	0.0324	0.09753
0.07071	-5.30E-04	0.02715	0.02797	0.05925	0.02948	-0.0688	-0.02225	-0.03428
0.01566	0.00724	-0.35425	0.05883	0.08071	-0.00236	0.07137	0.02277	0.06447
0.03648	0.01442	0.09226	0.03281	0.08015	-0.01284	0.17563	0.14451	-0.00145
0.01709	-0.03157	-0.07989	0.03751	0.03118	-0.04805	0.00811	0.05232	-0.00245
-0.18369	0.02159	-0.04357	-0.10635	-0.03236	0.01689	0.05604	0.04495	0.03138
0.20541	0.13826	-0.2405	-0.28193	-0.16239	-0.21677	-0.12232	-0.10908	-0.09587
-0.03704	0.1735	-0.39389	0.08291	-0.17611	0.14929	0.25007	-0.13649	0.2828
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-0.02355	-0.02924	-0.0132	-0.0118	0.08082	-0.00223	-0.0378	-0.01585	0.01763
0.08169	0.05489	-0.06466	-0.03381	0.06384	-0.04305	-0.08332	-0.0345	-0.03125
-0.0061	0.036	0.11351	0.08508	0.14967	0.14707	0.14247	0.24253	0.24607
0.23119	0.25625	0.04028	-0.15808	-0.02833	-0.05736	-0.02167	0.00734	0.12148
0.00746	-0.03184	0.02924	0.02369	0.05758	0.03937	-0.02901	-0.02339	-0.05918
0.10931	0.03609	-0.0082	0.01632	0.05079	0.07274	0.19884	0.15119	0.04517
-0.32713	-0.43557	0.0183	0.03867	0.11327	0.14318	-0.13605	-0.22157	-0.38408
0.00968	0.03851	-0.04598	-0.04124	0.05876	-0.02799	9.50E-04	-0.01915	0.03064
-0.04629	-0.02615	-0.05883	-0.16877	-0.03924	-0.0985	0.32402	0.26922	0.28767
0.13916	0.03861	-0.18142	-0.14506	-0.14787	-0.17418	-0.0487	0.01793	-0.13085
0.07879	-0.05856	-0.00527	-0.0422	0.02219	0.00829	-0.05458	0.02481	-0.07223
-0.01053	-0.04662	0.0198	-0.06487	0.11293	0.00805	-0.05215	0.04272	-0.05278
0.07736	-0.02241	-0.03311	0.04702	0.02083	0.00341	0.07436	0.04613	0.06587
0.05973	0.02542	0.04772	-0.05839	-0.0629	-0.10087	-0.10985	-0.03317	-0.11603
0.03437	8.00E-04	-0.02884	0.03837	0.01302	-0.0615	-0.04022	0.01155	-0.01511
-4.20E-04	0.02722	-0.03473	-0.01844	0.03266	-0.0203	-0.07045	-0.03706	-0.05921
-0.08053	0.093	0.08852	0.13878	0.0847	0.02442	0.02337	-0.0264	0.03572
0.08029	0.22225	0.37189	0.20889	-0.07523	0.01827	-0.30699	-0.12041	0.36174

0.01835	0.08889	-0.26522	-0.19703	-0.19795	-0.22542	0.16682	0.18919	0.1716
-0.01144	0.0368	0.0394	0.02569	0.04303	-0.01852	-0.01866	0.01756	0.09885
0.08021	0.06811	-0.02054	-0.02141	-0.00679	-0.05684	0.00838	0.01366	0.05168
0.06125	0.06089	0.01398	-0.04914	0.04833	-0.02942	-0.09762	-0.00502	-0.01415
0.03171	0.0782	0.00389	0.12441	0.09668	0.13343	-0.02528	0.032	0.02396
-0.05568	0.11094	3.40E-04	-0.03411	0.06141	0.02953	0.0354	0.03212	0.02195
6.80E-04	0.03483	-0.02755	0.10886	0.07535	-0.00379	-0.02863	-0.01529	0.08075
-0.05858	0.04119	-0.30117	-0.0516	-0.18996	0.0549	0.09338	-0.06059	0.17964
0.0882	-0.0431	-0.1809	-0.17241	-0.16775	-0.17366	-0.0927	-0.10575	-0.08316
0.16209	0.15948	-0.16113	-0.01327	-0.04916	-0.01593	0.30207	0.44492	0.31313
0.03997	-0.03489	0.07263	0.01274	0.07041	0.04661	-0.36792	-0.34151	-0.32196
0.1721	0.06517	0.15221	0.02529	0.14643	0.08628	-0.25657	0.00269	-0.17465
-0.15688	-0.18261	0.07127	0.03108	0.11564	0.10731	-0.05907	0.05421	0.03928
-0.05637	0.01627	-0.09144	-0.05782	-0.00328	0.0075	0.02952	-0.0865	0.00221
0.07141	0.11721	-0.03194	-0.1572	-0.00447	-0.05308	-0.08259	-0.06943	-0.07559
0.23642	0.11505	0.15019	-0.04687	0.0897	-0.11852	-0.10227	0.00267	-0.03924
0.11292	-0.03488	-0.17791	-0.11047	-0.15968	-0.12311	-0.05384	0.09318	0.00982
0.03733	-0.05416	-0.02111	-0.01848	-0.00424	-0.00754	0.15864	0.24027	0.20012
-0.04435	0.06661	0.00545	0.09019	0.0961	-0.012	0.04154	-0.01357	0.05704
0.03169	0.04766	-0.17009	-0.13008	-0.11216	-0.09212	-0.02797	-0.0352	-0.01838
0.01919	-0.00485	0.01125	0.02168	0.03751	0.02749	0.00361	0.03497	0.03314
-0.30163	-0.34802	0.00577	0.06235	0.10498	0.06841	-0.02542	0.04055	0.03077
0.03034	-0.00569	0.03366	-0.00143	0.05348	-0.05866	0.0205	0.01907	0.01841
0.02437	0.0792	-0.21189	-0.19214	-0.16504	-0.13265	-0.0618	0.06567	-0.04606
-0.02828	0.0448	-0.19589	-0.03469	0.00847	0.00332	-0.00694	-0.11237	-0.00571
0.12385	0.08335	-0.04896	0.00939	-0.06488	-0.01859	0.02542	0.00187	-0.03913
0.04122	0.06245	0.05701	0.10325	0.07181	0.13009	0.04336	-0.0999	0.0108
0.08392	0.08625	0.05772	0.08728	0.12727	0.17453	-0.00645	0.03702	0.01331
0.15654	0.08483	0.08411	0.04234	-0.03835	0.09034	-0.24292	-0.22148	-0.24558
0.28611	0.11308	-0.16737	-0.17791	-0.10621	-0.19447	-0.15677	-0.1356	-0.26153
0.14585	0.0283	-0.0649	-0.10656	-0.03968	-0.0439	-0.15285	0.04609	-0.07996
0.01791	0.01478	0.24206	0.23232	0.22239	0.22665	0.1736	0.22196	0.18521
-0.2915	0.01365	0.12355	0.07534	0.08737	0.04408	-0.06375	0.03086	-0.06235
-0.2168	-0.08046	0.32969	0.06332	0.03897	0.08945	-0.03502	0.1677	-0.12543
0.09169	0.09913	0.04089	-0.05338	-0.01744	-0.15229	-0.06341	-0.1759	-0.25432
-0.02692	-0.17999	-0.1086	-0.06325	-0.14405	0.0051	0.04708	-0.07877	-0.06311
0.00938	0.00537	0.01677	0.04016	0.0378	-0.03091	0.01907	0.05185	0.07525
-0.02721	0.02838	-0.15149	-0.06876	0.00648	0.06666	0.07816	0.01859	0.0496
-3.60E-04	-0.01876	-0.05018	-0.07282	-0.09269	-0.11137	0.05474	0.04738	-0.07692
0.03815	-0.03215	-0.10508	-0.04863	0.01022	-0.06789	-0.04321	-0.03881	0.01574
0.06115	0.07955	0.04012	-0.04322	0.02644	-0.04208	-0.06166	-0.02701	-0.03151
0.09837	0.01249	0.19562	0.17549	0.06994	0.19746	-0.1694	-0.09422	-0.11135
-0.35354	-0.02722	-0.22042	0.12148	-0.06878	-0.08082	0.11592	-0.1165	0.0555
-0.04729	-0.08528	-0.14743	-0.16421	-0.08399	-0.1131	0.11681	0.22158	0.13974
-0.17861	-0.13573	-0.52088	-0.11864	-0.23596	-0.29172	-0.09518	-0.19329	-0.10233
0.03656	-0.03532	-0.03978	-0.06699	-0.00613	0.00788	0.11528	0.11628	0.12257
-0.13727	0.05142	0.08544	-0.0857	-0.10635	-0.06433	0.06616	0.12378	-0.05326
-0.01911	0.05934	-0.07505	0.01675	0.08576	0.00641	-0.04025	-0.00528	0.08381
0.44429	-0.06354	-0.68511	0.32388	0.28977	-0.13995	0.41188	0.06317	0.23135
0.07638	0.01126	0.00652	-5.40E-04	0.09166	-0.00367	-0.02792	0.0318	-0.04612
-0.08076	0.09173	-0.32251	-0.05535	0.06034	-0.16113	0.25958	0.47788	0.307
0.05872	0.04373	0.00854	-0.03955	-0.01023	-0.01276	0.0069	-0.02075	-0.01549

-0.07352	-0.14561	-0.0093	0.02308	0.07317	0.06299	-0.03446	0.04027	-0.00367
-0.08404	0.0635	-0.27416	0.1406	0.03879	0.0573	0.04624	0.0086	0.12532
0.13011	0.05853	0.09383	0.15049	0.19706	0.16981	-0.19343	-0.20888	-0.14396
-0.01014	-0.09867	-0.11019	-0.00714	-0.03935	0.0387	-0.01125	0.04235	0.00731
0.1351	0.03277	-0.10503	0.00311	-0.04355	0.00309	0.17007	0.13022	0.15376
-0.04627	0.02313	0.0205	-0.14547	0.00841	-0.03501	0.1086	0.08935	0.00126
-0.01944	0.02189	-0.02108	-0.08308	0.05842	-0.00232	-0.10693	0.00579	0.03858
0.14764	0.13696	0.0398	-0.02186	0.05657	0.05617	-0.0014	-0.00763	-0.05848
0.08388	-0.09369	0.00173	0.07564	0.08562	0.12843	-0.263	-0.09301	-0.26891
0.24523	0.172897	-0.09463	-0.14236	0.06061	-0.08825	-0.1895	-0.05113	-0.09412
-0.10614	-0.07469	0.10419	0.08644	0.14638	0.12111	-0.00932	0.06569	0.03233
-0.07893	-0.00207	-0.06578	0.023	0.01083	-0.02542	-0.07951	-0.03331	0.01545
-0.1723	-0.13753	-0.14516	-0.03975	-0.09229	-0.04478	0.00889	-0.01059	0.02633
0.14805	0.13392	0.09784	0.1021	0.0816	0.07422	-0.20529	-0.17438	-0.15617
0.06941	-0.00785	-0.04982	-0.0609	0.02567	-0.03108	-0.06292	-0.04751	-0.03927
-0.11646	-0.24199	0.03216	0.06996	0.02827	0.14714	-0.28159	-0.26612	-0.40341
0.08645	0.1342	-0.06128	0.06852	-0.00654	0.07497	-0.05505	-0.05082	0.02713
0.69488	-0.05826	0.93877	0	0	0.64073	-0.66941	-0.23276	0.13601
0.17684	0.13081	-0.27639	-0.12872	-0.03647	-0.12965	-0.03345	-0.17961	-0.07982
-0.00541	0.07284	0.19358	0.03504	0.12525	0.06589	0.04553	0.06987	-0.04745

m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
-0.03842	-0.01227	0.0477	0.04613	0.05148	0.08693	0.00151	0.00455	0.02842
-0.00958	-0.09163	-0.01136	0.02301	-0.04062	-0.0073	-0.02945	-0.1493	-0.08888
0.20797	-0.01225	-0.08745	0.07067	-0.03553	0.07088	0.12192	0.03812	0.15848
-0.00826	-0.06384	-0.07434	-0.11635	-0.07772	0.00408	0.02367	-0.12234	0.00676
-0.07531	0.03669	-0.05137	0.05753	0.00376	0.03076	0.17281	-0.13731	-0.00108
0.00244	0.09037	0.05795	0.08169	0.09089	2.80E-04	0.011	-0.01519	0.03081
-0.04209	-0.00726	0.01488	0.04341	0.01501	-0.02695	-0.0779	-0.17338	-0.09276
0.03947	0.00918	-0.06803	-0.05078	-0.03511	0.16635	0.2293	0.45747	0.15757
0.09526	-0.39568	-0.42444	-0.3836	-0.43858	-0.08769	-0.08008	0.0245	-0.06509
-0.00281	0.02224	-0.05118	0.02692	-0.01528	3.40E-04	-0.01691	-0.1197	-0.02454
-0.14205	0.15386	0.04894	0.07566	0.01516	-0.20342	-0.06886	0.00944	-0.08365
0.01849	0.01782	0.02352	-0.02608	0.01714	-0.04672	-0.18685	-0.15913	-0.18369
-0.10245	-0.0301	-0.02621	0.00551	-0.03378	-0.04138	-0.07934	-0.10049	-0.11166
0.17494	0.14476	0.02561	0.10679	0.02651	0.04263	0.06627	0.0377	0.09762
0.00628	0.12217	0.03068	0.09596	0.08026	0.01089	0.04946	-0.03348	0.04554
0.11207	-0.07744	-0.03847	-0.04226	0.04374	0.1825	0.16882	0.04123	0.19371
0.00517	0.09401	0.08019	0.13959	0.08952	0.03423	0.06797	-0.03995	0.03429
-0.01399	-0.05363	0.07675	0.01033	0.08289	0.04571	0.12185	0.18036	0.07286
-0.05186	-0.02783	-0.01931	0.02432	0.00845	-0.0216	-0.03084	-0.09155	-0.12689
0.04931	0.02041	0.06313	0.06403	0.02785	-0.04624	0.09093	-0.17399	0.03842
-0.04458	-8.00E-04	0.01868	0.04513	0.06281	-0.09935	-0.10969	-0.12421	-0.08056
0.05752	0.12114	0.04394	0.09539	0.05406	0.18571	0.15917	0.20828	0.17747
-0.11124	0.059	0.08392	0.05412	0.08906	-0.14883	-0.13102	-0.15048	-0.05701
-0.01836	0.00734	0.0689	0.01124	-0.04932	0.05686	0.1141	-0.11755	-0.04273
-0.04982	0.06687	0.10509	0.01143	0.02929	0.04012	0.13604	0.08407	0.13398
-0.06346	-0.04215	-0.05799	-0.07295	0.054	0.00127	0.09213	-0.17778	0.02495
-0.03162	-0.06131	0.01553	-0.0137	0.01011	0.04007	-0.0338	0.17348	0.04245
0.09798	-0.05601	-0.08207	-0.02733	-0.10367	-0.05283	0.02965	-0.08821	0.01776
0.03902	0.17857	0.02282	-0.02726	0.05553	0.0183	0.32929	0.33666	0.04018
0.01298	0.02407	0.10809	0.031	0.03439	-0.11156	-0.16732	-0.14869	-0.20027
0.02172	-0.03851	-0.20663	-0.06339	-0.09848	-0.06631	-0.14709	-0.07463	0.00947
0.04159	0.20279	0.0976	0.22923	0.09706	0.40685	0.47013	0.42439	0.45791
0.01738	0.04986	0.06647	0.19258	0.12335	0.12769	0.17459	0.03195	0.18301
0.02551	0.2005	0.14904	0.22081	0.25654	-0.00589	0.04274	-0.0623	0.08491
-0.01054	0.10417	0.15082	0.14641	0.12633	0.1253	0.11243	0.05538	0.1253
-0.04916	0.0058	0.09276	0.02132	0.06659	-0.09019	-0.14127	-0.13129	-0.13206
0.10112	0.13687	-0.00724	0.06225	0.03844	0.24786	0.22681	0.38705	0.20763
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0.08853	0.01301	0.11234	0.04855	0.09886	-0.00534	-0.15847	-0.01895	-0.07963
0.01285	0.00156	-0.06466	0.03104	0.05921	0.12721	0.19752	0.04374	0.29098
0.10343	0.12553	0.10955	0.16515	0.05399	0.23888	0.10769	0.29402	0.10343
-0.0415	0.16272	0.15278	0.19574	0.16923	0.12095	0.06301	0.09489	0.09998
0.03153	0.42586	0.30959	0.31965	0.35603	-0.01765	0.06183	0.1656	0.03679
0.18792	0.03562	-0.04224	0.03438	0.01741	0.06892	0.05371	-0.05995	0.02522
-0.08687	0.17381	0.14178	0.01196	0.04405	0.06354	0.11773	-0.04662	-0.02377
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0.01476	0.06234	0.19395	0.12487	0.21167	-0.096	-0.05125	-0.0463	-0.04738
0.16012	0.05373	0.07862	0.03969	0.05186	0.07143	-0.02275	0.0525	0.00134
0.05259	0.11024	0.06502	0.07668	0.12102	0.15162	0.22639	0.15266	0.28109

0.00919	0.23758	0.19608	0.18831	0.20285	0.36492	0.38324	0.46537	0.40976
0.04266	-0.02061	0.01291	0.04759	0.08672	0.0599	0.08826	-0.13092	0.05408
0.09033	0.05088	-0.06546	0.03053	-0.01355	0.03057	-0.05012	0.0805	-0.01674
0.17536	0.11978	0.19765	0.16349	0.24694	0.24081	0.22215	0.18249	0.18682
-0.07681	-0.04326	-0.01533	0.04628	-0.13225	0.12018	-0.0177	-0.24976	-0.10154
0.29572	0.10956	0.24397	0.0835	0.20729	0.27766	0.14449	0.48492	0.12568
-0.03521	0.00234	0.15121	-0.18295	-0.00989	-0.1434	0.03125	0.65945	-0.1685
0.15646	-0.00363	-0.06856	-0.00869	-0.01443	0.26522	0.16867	0.2979	0.19522
0.08337	0.01894	-0.04762	0.01124	-0.00523	-0.00146	0.04448	0.01323	0.02959
-0.161	-0.0108	-0.04556	-0.03624	-0.05189	0.10918	0.11168	0.07667	0.12712
0.02752	0.16132	0.17453	0.17887	0.18156	0.12213	0.11391	0.06102	0.08898
0.1715	0.08292	0.10089	0.02191	0.03581	-0.00466	-0.07681	-0.02367	-0.02866
0.01616	0.13141	0.16092	0.142	0.13813	0.33186	0.24248	0.47098	0.13412
-3.60E-04	0.06652	0.24412	0.08204	0.05477	0.0448	0.02366	0.04928	0.04119
0.12898	0.14172	0.07519	0.12576	0.09323	-0.25121	-0.33746	-0.29873	-0.31041
0.04259	0.02482	0.00279	0.07225	0.02658	0.11911	0.1399	0.08652	0.17416
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-0.08202	-0.03902	-0.02949	-0.02559	0.04114	-0.23932	-0.1408	-0.36391	-0.15929
0.23518	0.07701	0.00266	0.04591	0.01812	0.1071	0.13086	0.05849	0.17578
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0.00536	0.1774	0.21653	0.15815	0.24369	0.17639	0.07016	0.08725	0.05609
0.04567	0.1603	0.09101	0.07438	0.13589	0.14952	0.12206	0.19171	0.11434
0.01232	0.15727	0.10843	0.13434	0.14298	0.01686	-0.11514	-0.03377	-0.05545
0.0734	0.24252	0.20183	0.30082	0.22255	0.44458	0.47272	0.32229	0.47686
0.13422	-0.03233	-0.15676	-0.03735	-0.15344	0.10405	0.18369	0.10449	0.1994
-0.05856	-0.2511	-0.22994	-0.21908	-0.24978	0.12554	-0.04996	0.03939	0.00792
-0.019	-0.00312	0.05213	0.11811	-0.0177	0.09831	0.08362	-0.02183	0.02604
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-0.04491	-0.14446	-0.13232	-0.08519	-0.11752	-0.11587	-0.12525	-0.22815	-0.13394
-0.03997	0.07396	-0.05181	0.072	0.12533	-0.06673	-0.18439	-0.09767	-0.10307
0.04471	0.13329	-0.01505	0.16106	-0.27127	-0.05514	-0.10361	-0.34855	-0.21176
0.15068	0.25337	0.15062	0.11512	0.1485	-0.14232	0.01878	0.06638	-0.01641
-0.10445	-0.09265	-0.10486	-0.01752	-0.03175	-0.09895	-0.01061	-0.19783	-0.04564
0.04804	-0.01704	-0.10093	-0.01543	-0.06589	-0.13612	-0.20147	-0.1443	-0.1714
0.06187	0.0197	0.11201	0.08351	0.06029	0.0229	0.07795	-0.08446	-0.00229
0.02846	-0.06788	0.00963	-0.02248	0.03244	0.03754	-0.07253	-0.10595	0.04894
-0.03955	-0.01074	0.01273	0.02715	0.03042	-0.08013	-0.12538	-0.08973	-0.07493
0.12294	0.3256	0.22919	0.25912	0.24479	0.28784	0.26044	0.54938	0.2849
0.3321	0.3199	0.24922	0.24947	0.28595	0.65899	0.62218	0.86411	0.56654
0.02093	-0.27397	-0.33464	-0.26795	-0.30109	-0.03428	-0.05223	-0.08704	-0.05605
0.05283	0.20108	0.21797	0.19751	0.24371	0.30267	0.23721	0.33172	0.18796
0.06992	-0.3089	-0.09324	-0.19615	-0.2444	-0.03692	-0.14225	-0.07878	-0.02316
0.01848	0.35463	0.41746	0.34331	0.37039	0.13248	0.10186	0.08339	0.09781
0.0451	0.04965	0.0818	0.13545	0.17175	-0.02366	-0.10097	-0.12434	-0.08337
-0.05459	-0.0667	-0.07477	0.00182	-0.02366	-0.36128	-0.34183	-0.40076	-0.28932
0.08935	0.10833	0.13541	0.12396	0.19615	0.07549	0.07806	0.09411	0.1395
-0.00141	0.12235	0.0971	0.15403	0.09814	-0.06178	-0.09284	-0.07662	-0.07933
0.01531	0.00381	0.0459	-0.04551	0.02274	-0.03147	-0.09467	0.11535	-0.13105
-0.0999	-0.08842	-0.03554	-0.03189	-0.14766	0.03666	0.11003	-0.01089	0.03987
0.18976	0.01448	0.02042	0.01403	0.03234	0.15477	0.2016	0.03116	0.20236
0.0262	0.22993	0.23084	0.25183	0.18456	0.24369	0.34469	0.56826	0.28088
-0.08707	0.01034	0.05567	-0.04174	0.0454	0.10852	-0.06276	-0.04399	0.08582

0.02357	0.00242	-0.01641	0.02472	0.04925	0.0195	0.02119	-0.09568	0.02385
0.03322	0.08821	0.08153	0.06945	-0.00201	0.17895	0.26192	0.37644	0.13094
-0.25336	-0.04604	0.05011	-0.10215	-0.21083	-0.27028	-0.0285	-0.25383	0.22165
0.00767	0.1881	0.22569	0.32052	0.42762	-0.07948	0.03311	-0.39597	-0.06107
0.3201	0.04308	0.147	0.09879	0.00457	0.08208	0.14825	0.04672	0.13819
0.15886	0.12713	0.11159	0.07897	0.11034	0.16269	0.18039	0.14139	0.15523
-0.10541	0.22534	0.25556	0.22896	0.27704	0.1909	0.18868	0.15749	0.26001
-0.07955	0.09531	0.13132	0.07621	0.07111	-0.19249	-0.09883	-0.18898	-0.09077
0.01264	0.05498	-0.01115	0.02091	-0.02797	0.02208	-0.01889	0.23212	0.00274
9.20E-04	0.0774	0.02708	0.05372	0.04718	-0.08027	-0.1114	-0.10464	-0.08687
-0.19131	-0.13372	-0.02614	-0.13865	-0.23027	-0.22452	-0.08292	-0.2279	0.03643
0.02849	0.25969	0.23591	0.25543	0.2656	0.35796	0.35861	0.40478	0.36838
0.01683	0.08882	0.0936	0.05759	0.06558	-0.20806	-0.18595	-0.23765	-0.15041
0.00663	-0.03128	0.02187	0.01922	0.01799	0.06362	0.01249	-0.05739	0.01513
-0.01028	0.01753	0.05729	0.00899	0.11482	-0.0376	-0.04829	-0.06676	-0.02525
-0.03109	-0.07757	-0.08781	-0.07909	-0.07976	-0.0619	-0.10987	0.01126	-0.0778
0.02015	0.29287	0.19875	0.31356	0.2154	-0.04351	-0.12476	-0.078	-0.11754
0.07833	0.10093	0.06374	0.1579	0.08404	0.17288	0.21886	0.13949	0.24502
0.01007	0.05093	0.03226	0.02655	0.03394	-0.0658	-0.05139	0.00252	0.00356
-0.01884	0.16699	0.16602	0.18848	0.17821	0.06652	0.09996	-0.00813	0.09247
0.15908	-0.02259	0.07936	-0.08112	0.02636	0.1188	0.00151	0.04754	-0.00224
0.06055	0.10873	-0.08656	-0.05861	-0.00878	-6.70E-04	0.01473	0.27584	0.06557
0.05009	0.17903	0.13866	0.14273	0.08936	0.05455	0.03469	0.21768	0.06294
0.16368	0.00622	0.01242	-0.095	-0.01565	0.0299	-0.0726	0.21732	-0.11508
-0.03161	0.05985	0.04789	0.03086	0.01729	0.06257	0.00748	0.04932	0.11419
-0.13003	-0.17609	-0.06043	0.08859	-0.05063	0.09095	0.07759	-0.30078	-0.13166
-0.08897	0.18259	0.22215	0.20838	0.18347	0.10257	0.10541	0.06614	0.11214
0.07259	0.05589	0.10758	0.09973	0.06441	0.01725	-0.02846	-0.07709	-0.04097
-0.033	-0.0805	-0.05647	0.00299	0.01997	-0.03641	-0.03869	0.07006	-0.08114
-0.13477	-0.20121	-0.28693	-0.21343	-0.29958	-0.51406	-0.39845	-0.33075	-0.41077
0.15424	0.06455	0.03799	0.02355	0.06531	0.18504	0.16501	0.25609	0.16465
0.035	-0.21014	-0.22218	-0.22209	-0.15586	-0.29316	-0.23004	-0.3719	-0.21703
0.00508	-0.0427	0.02516	-0.01491	-0.05431	0.01733	-0.06549	0.20514	-0.08574
-0.15727	-0.12398	-0.03096	-0.16381	0.01776	-0.05281	-0.02477	-0.12426	-0.21724
0.24523	0.06414	0.05231	0.12721	0.18304	0.16535	0.07427	0.11397	0.10256
-0.00522	0.01217	0.04228	0.03475	0.03832	0.16937	0.13141	0.20327	0.10013
-0.04537	-0.0195	0.01255	0.05294	-0.04486	-0.03954	-0.04083	0.0248	-0.02848
0.08198	-0.21048	-0.22707	-0.22453	-0.21994	-0.33895	-0.33357	-0.37552	-0.34981
0.04837	0.01137	-0.02873	0.00674	-0.01473	0.03645	-0.02039	0.00341	0.00735
0.10227	0.17031	0.18147	0.11953	0.19442	0.21461	0.15568	0.20499	0.19863
0.03659	-0.06094	-0.12394	0.13215	-0.10358	0.06739	-0.01943	-0.20579	0.0538
0.01901	-0.0198	-0.00694	0.02946	-0.03875	0.01541	0.03147	-0.08492	-0.02074
0.07694	0.06661	-0.03557	-0.00757	0.02666	0.03971	-0.01147	0.23168	-0.03271
0.15608	-0.06085	-0.0607	-0.04936	-0.05479	0.04537	0.10981	0.13816	0.08529
0.13175	0.00616	-0.04462	0.01557	-0.02566	0.10881	0.1386	0.27975	0.12472
0.00996	0.18466	0.03143	0.07311	0.10089	0.24119	0.24022	0.06493	0.03552
0.02848	0.06271	0.05102	-0.03064	0.0777	-0.01146	0.07426	0.04585	0.01383
0.22234	0.00769	0.03947	-0.05019	0.08166	-0.00494	0.01464	0.02172	0.01434
0.0995	0.10002	0.08106	0.04126	0.09631	0.17227	0.03879	0.33294	0.03842
0.00676	0.0117	0.03234	0.0382	0.02149	-0.00305	-0.0182	-0.01541	0.03224
0.08921	0.07585	0.08542	0.07965	0.06782	0.08242	0.05717	0.12737	0.03091
0.18802	-0.02	0.0258	0.0331	-0.00166	0.05217	0.05396	0.00759	0.05091

0.02245	0.18598	0.07369	0.10592	0.1156	0.18048	0.23091	0.27691	0.18357
-0.02304	0.1536	0.15482	0.17393	0.09775	0.11008	0.16023	0.10353	0.14439
0.00104	-0.09058	-0.00893	-0.01391	0.02243	0.04501	-0.05631	-0.07999	-0.02258
7.20E-04	0.04657	-0.09406	0.05001	-0.05009	0.00666	-0.04631	-0.07896	-0.15818
0.09521	-0.02126	0.02373	-0.01651	0.01759	0.22134	0.09976	0.16515	0.15489
-0.00501	0.02744	0.10099	0.0134	0.21685	0.3923	0.37063	0.21849	0.23929
0.12469	0.01716	0.0228	0.02889	0.07485	-0.12102	-0.0975	-0.10903	-0.0272
0.02578	-0.02382	-0.06974	0.06151	-0.03053	-0.04528	-0.00914	-0.09426	-0.01529
-0.06258	0.01426	-0.02561	0.01543	0.08024	-0.06006	-0.17973	-0.05294	-0.06528
-0.00945	0.0071	0.04595	0.11511	0.03085	0.05801	-0.03115	0.00377	0.13492
-0.1365	0.1975	0.23168	0.24481	0.19222	0.42637	0.46265	0.41876	0.46158
-0.04688	-0.16708	-0.18702	-0.15689	-0.14265	-0.05946	-0.05286	0.0259	-0.00534
0.00385	0.05468	0.05766	0.0609	0.07314	-0.04073	-0.08298	0.0378	-0.01796
0.12751	0.00852	0.07003	0.0466	0.01109	0.03352	-0.0676	0.00153	-0.05626
0.42698	0.21507	0.31812	0.22711	0.30887	0.4082	0.26621	0.41117	0.28342
-0.02527	0.10142	0.03705	0.09285	0.05535	0.06436	0.04793	0.09065	0.08554
0.08785	0.18933	0.15795	0.12996	0.15121	0.22197	0.1444	0.34521	0.15784
0.12931	0.01679	0.13022	0.08323	0.03764	0.00943	0.00436	-0.0083	-0.02735
0.18828	0.19514	0.09413	0.05475	0.01937	-0.05843	-0.11868	0.23425	0.03663
0.19712	0.09946	0.00999	0.01996	0.0824	0.19465	0.13169	0.39475	0.15101
0.07897	0.04977	-0.08115	0.00693	-0.07524	-0.12902	-0.0515	-0.13046	-0.05986
-0.03251	0.20943	0.15631	0.12566	0.16785	-0.09899	-0.18071	0.23493	-0.16117
-0.01066	0.0908	-0.1165	0.02057	-0.06724	0.08628	0.02642	-0.09982	-0.04285
-0.06631	-0.07415	-0.01406	-0.01497	-0.07402	-0.10581	0.02115	0.0074	0.06113
0.09904	-0.01419	0.0361	-0.11637	0.02838	-0.05375	-0.13964	-0.21505	-0.074
0.10558	0.08728	0.05585	0.15406	0.10333	0.24562	0.30459	0.217	0.30858
0.02428	0.20718	0.28563	0.19218	0.25404	0.14811	0.18655	0.18348	0.21953
0.25798	0.22214	0.42783	-0.02582	0.19325	0.09472	-0.14372	0.17494	-0.06475
-0.06856	-0.02072	0.21974	0.00247	0.10102	0.0159	0.00615	-0.04697	0.04191
0.20238	-0.01841	-0.02766	-0.03886	-0.13234	-0.08272	-0.06876	-0.2826	-0.16922
0.02556	-0.05717	-0.20021	-0.11207	-0.12285	0.18085	0.22068	0.03362	0.16751
-0.25666	-0.0212	-0.02814	0.13729	-0.08221	-0.44983	-0.34814	0.07421	0.2601
0.03094	0.10406	0.04618	0.09263	0.06106	-0.10278	-0.09536	-0.13914	-0.11938
0.17809	0.1312	0.14411	0.00187	0.07798	-0.05612	0.092	0.02724	-0.13682
-0.26931	-0.04691	-0.0461	0.18686	0.18166	0.28501	0.12205	-0.02631	0.1347
-0.03244	0.04837	-0.15058	-0.0264	-0.10827	0.04387	0.13248	0.13563	0.00663
0.15301	0.26133	0.37021	0.2621	0.29305	0.18387	0.24902	0.13052	0.2621
-0.0707	0.0367	0.06817	0.07165	0.05307	0.13033	0.1204	0.06655	0.0752
0.42364	0.07257	-0.20909	-0.04243	0.03187	-0.05553	-0.29412	0.39453	0.04641
0.18179	-0.13663	-0.11567	-0.15847	-0.13303	-0.03698	-0.05383	0.07082	-0.01829
-0.04668	2.50E-04	-0.05899	0.08582	0.10841	0.08775	0.45001	0.21815	0.38236
0.31927	0.25415	0.30665	0.31834	0.31886	0.23626	0.28587	0.23328	0.29912
0.05736	0.13653	0.00583	0.13693	0.03867	-0.03397	0.09499	-0.04358	0.01562
0.01416	0.00285	0.04083	-0.10115	-0.05152	-0.06133	-0.03682	-0.02673	-0.07829
-0.02292	-0.08043	-0.0586	0.02594	-0.0561	-0.19851	-0.21803	-0.26862	-0.09824
0.03799	0.06785	0.0846	0.1109	0.10621	0.19705	0.25973	0.20023	0.28621
0.0166	-0.01178	0.03552	0.05959	-0.01984	0.04283	0.09892	0.10165	-0.00353
4.40E-04	-0.07993	-0.08949	-0.03224	0.01322	0.03154	0.05871	0.07184	0.13353
0.26903	0.0333	-0.08228	-0.00447	-0.00323	0.57823	0.52724	0.66606	0.56358
0.15732	0.03031	0.0722	0.03115	0.0899	-0.01221	-0.02426	-0.05399	-0.02658
0.12054	0.05023	-0.01516	0.02559	0.05161	0.06283	0.16264	0.24335	0.18718
-0.03795	0.15221	0.07807	0.15609	0.11024	-0.02347	-0.06589	-0.03929	-0.05847

0.00347	0.0579	0.05873	0.13462	0.0976	0.06406	-0.0081	-0.00183	-0.01687
0.07617	0.07352	0.09	0.08148	0.03394	0.02413	0.22292	0.26395	0.19615
0.05895	0.01355	0.04861	0.02335	0.01342	-0.07049	-0.12692	-0.09891	-0.06795
-0.00629	-0.36	-0.30916	-0.37661	-0.37862	-0.59847	-0.5036	-0.64721	-0.56166
0.09297	-0.13273	-0.18981	-0.16701	-0.16876	0.08654	0.05934	0.13553	0.09358
0.06732	-0.01561	-0.06734	-0.12689	-0.07928	0.09205	-0.1224	-0.11177	0.01553
-0.06105	0.01943	-0.00358	-0.00496	-0.01045	-0.01796	-0.01236	-0.02293	0.08063
0.03359	0.16339	0.07848	0.18115	0.1397	0.09016	0.10525	-0.04797	0.08474
0.02027	0.06559	-0.0828	-0.09514	0.12117	-0.12867	-0.07536	0.06975	0.10695
0.1137	0.13614	0.1054	0.1002	0.08561	0.12442	0.12228	0.33501	0.1244
0.02754	-0.28362	-0.32384	-0.315	-0.22204	-0.29264	-0.31888	-0.15739	-0.25415
7.80E-04	-0.05266	-0.06508	0.00393	-0.0217	-0.02706	-0.03618	-0.05494	-0.04586
-0.06459	-0.07114	-0.04934	-0.09929	-0.05338	-0.11281	-0.11981	-0.03073	-0.10663
-0.12757	-0.00195	0.15644	0.07472	0.27361	-0.01867	-0.09042	-0.0788	-0.01547
0.08866	0.13477	0.09061	0.04377	0.022	0.11536	0.1104	0.10794	0.20346
0.20087	0.06112	-0.05676	0.03322	7.70E-04	0.22969	0.28114	0.36323	0.29465
0.07047	0.08095	0.20301	0.07768	0.21038	-0.15907	-0.25418	-0.04286	-0.23655
-0.00956	0.00964	0.11965	0.0431	0.03564	-0.00456	-0.04276	0.15173	0.02107
0.01076	0.01075	-0.04149	0.02065	-0.01409	0.03963	-0.04488	-0.03425	-0.07809
-0.07005	-0.02936	-0.07188	-0.03474	-0.09643	-4.20E-04	0.08852	-0.02181	0.06392
0.10001	0.12077	0.19836	0.08007	0.12566	-0.023	0.04672	-0.05488	0.06387
-4.60E-04	-0.0447	-0.00214	0.0157	0.02087	0.05886	-0.0158	-0.24231	-0.04412
-0.05697	-0.05282	0.15051	0.02591	0.07451	-0.1252	-0.10405	-0.1217	-0.08107
-0.02108	0.01259	-0.00327	0.04421	0.00869	-0.0981	-0.00978	-0.0714	-0.03241
0.03961	-0.00226	0.10677	0.02477	0.01245	0.03909	0.0445	-0.01315	-0.00687
0.11141	0.03728	0.02338	0.00109	0.06479	-0.07167	-0.12946	-0.03753	-0.14286
-0.08614	0.19203	0.2026	0.22669	0.14532	0.03852	0.09916	-0.01408	0.08642
-0.04028	-0.08701	0.01874	0.18444	0.02244	-0.01155	-0.00501	-0.15626	-0.09426
0.39437	0.22002	0.25144	0.22352	0.25951	0.22574	0.14691	0.22129	0.1408
0.14853	-0.01958	-0.03937	-0.07089	-0.01014	0.16979	0.25548	0.29544	0.34538
0.23602	0.14122	0.15797	0.01531	0.04152	0.25807	0.19331	0.14841	0.14961
0.03699	0.19003	0.24183	0.17743	0.20493	0.06594	0.08022	0.04033	0.09153
0.1263	-0.05241	0.02849	-0.07276	0.05547	-0.07089	0.05792	0.02179	0.02165
-0.22376	0.01193	-0.09123	-0.04983	0.02086	-0.05944	0.066	-0.26008	-0.24641
0.0458	0.01804	0.01863	0.06869	0.06358	0.09388	0.15332	0.04635	0.17106
-0.33887	0.12923	0.18038	0.13016	0.13183	0.03178	-0.0204	0.02284	0.04416
-0.03709	0.01738	-0.06688	-0.01616	-0.02662	0.11229	0.0539	-0.00528	-0.00814
0.04928	0.06119	0.10536	0.00548	0.00458	-0.05029	-0.04785	-0.03713	-0.00356
0.15689	0.06345	0.03404	0.11419	0.08529	0.04052	0.0253	0.03059	0.08455
0.00852	-0.05377	-0.08724	0.04665	-0.00672	0.14661	0.13094	0.0597	0.17265
0.04229	0.01831	0.03671	0.03324	0.03949	0.05788	-0.01019	-0.00338	-0.05819
0.03336	0.16625	0.1044	0.12999	0.09049	-0.03172	0.00512	0.09165	-0.049
-0.01062	-0.01513	0.09915	0.05203	0.00453	-0.01665	-0.0085	-0.14149	-0.07603
-0.06504	0.01329	-0.13884	-0.07698	-0.07381	-0.02209	0.0664	0.12609	-0.04794
-0.10286	0.15876	0.04406	-0.05869	-0.23117	-0.02362	-0.12689	0.13586	0.05581
-0.06388	0.01187	0.01677	0.03943	0.05466	0.15454	0.05631	-0.09864	-0.00466
-0.13949	-0.06009	-0.09254	-0.10605	-0.17129	0.23602	0.18105	0.29029	0.29594
-0.10214	0.07128	0.13679	0.0518	0.03982	0.01711	0.00852	0.12757	0.05362
0.14042	-0.00889	2.90E-04	0.06141	0.05805	-0.16922	-0.17707	-0.18422	-0.16166
0.00967	0.0925	0.01471	0.08895	0.00443	0.03813	-0.00661	-0.02	0.00287
0.041	0.18246	0.2593	0.19498	0.25244	0.07514	0.11441	0.06176	0.12603
0.04855	-0.12401	-0.28984	-0.02334	-0.0949	-0.03364	0.05513	-0.05583	0.02775

-0.05385	0.1093	-0.02197	0.08539	0.0491	-0.08235	-0.17826	-0.0282	-0.1186
-0.00634	-0.03271	0.02092	0.04306	0.09862	-0.14733	0.03188	-0.1493	-0.09573
0.06995	-0.18629	-0.13624	-0.15567	-0.14413	-0.02938	-0.05146	0.29566	-0.02928
-0.15294	0.27033	0.27373	0.26357	0.26661	-0.03002	-0.01823	-0.07147	-0.01501
-0.0182	-0.04365	-0.03483	0.01313	-0.04349	0.0365	0.01751	-0.13112	0.03884
0.4665	0.51547	0.52592	0.48728	0.55807	0.51415	0.51489	0.58264	0.58303
-0.03914	-0.00178	0.00923	0.05855	-0.02974	-0.13473	-0.10385	-0.01497	-0.08785
-0.08854	-0.10311	-0.16966	-0.12584	-0.09792	-0.28888	-0.22343	-0.37208	-0.22276
-0.00991	0.12461	-0.00994	0.07609	0.00116	0.02282	-0.06782	-0.34768	0.14079
0.02698	-0.06452	-0.10469	-0.12766	0.01752	0.10228	0.02368	-0.2158	-0.0348
0.00382	-0.01301	-0.0023	-0.01924	-0.02792	-0.05212	0.07682	-0.21096	0.05445
-0.12899	0.02906	0.02548	-0.02666	0.04148	0.07134	0.06625	0.24039	0.1194
0.07654	-0.10624	-0.05737	-0.13464	-0.10538	-0.2319	-0.16753	-0.29709	-0.17747
-0.2385	-0.06228	0.1619	-0.03182	0.09118	0.27372	0.34472	0.3008	0.42147
-0.00583	0.06795	0.03975	0.05373	0.07417	0.06767	0.00684	-0.00216	-0.0111
-0.00984	0.01382	-0.01836	0.03463	0.02306	-0.06057	-0.02811	-0.17487	-0.04003
0.31267	0.13759	0.25318	0.26693	0.25849	0.14913	0.05594	0.14296	0.09276
-0.07097	-0.07542	-0.05339	0.08173	0.03031	0.12279	0.12615	0.0219	0.03786
-0.09416	-0.25192	-0.06862	-0.05294	-0.03199	0.16111	-0.01706	-0.30034	0.1387
-0.00585	0.00882	0.07308	-0.01017	0.04555	-0.08071	-0.11952	-0.08202	-0.05292
0.18139	0.16901	0.15507	0.06628	0.19134	-0.13803	-0.02149	-0.11641	-0.15477
0.17071	-0.19033	-0.50229	-0.30051	-0.247	-0.03957	0.04095	0.19881	-0.03076
0.05181	-0.03944	0.01644	-0.04852	-0.02082	0.21953	0.2169	0.13145	0.23897
0.03514	0.06613	-0.02262	-0.03519	-0.03296	0.04698	0.05491	0.16326	-0.00385
0.19073	0.03589	0.19645	0.0181	0.05614	0.08181	0.2302	0.2823	0.15305
0.00791	0.1334	0.20149	0.16723	0.11736	0.21574	0.19739	0.11773	0.28392
0.2671	0.4076	0.41581	0.42149	0.4315	0.35585	0.22445	0.34878	0.27691
0.17987	-0.00115	-0.04257	0.02728	0.00242	0.24183	0.24481	0.35005	0.33322
0.0557	0.13362	0.22546	0.12443	0.1658	0.13484	0.15836	0.12933	0.1142
0.16586	0.04042	0.07268	0.13549	0.14134	0.0667	0.08966	-0.0138	0.04893
0.02936	0.00703	0.06747	0.04754	0.07378	0.01881	0.04984	0.04337	-0.01309
-0.10367	-0.04721	-0.10293	-0.02205	-0.03561	0.05691	-0.02801	0.10095	-0.02783
-8.50E-04	-0.02379	-0.07213	-0.01203	0.00968	0.01793	-0.02251	-0.14533	-0.02434
-0.01969	-6.50E-04	0.05296	0.01024	0.09537	-0.01779	0.05337	-0.02725	0.00164
0.08937	0.08104	-0.02719	-0.02041	-0.02217	0.09906	0.09591	0.02496	0.01807
0.00934	0.11548	0.13236	0.14522	0.12613	-0.00257	-0.07153	-0.03629	-0.00558
0.11396	0.14554	0.03712	-0.23238	0.15836	-0.25183	-0.05734	-0.10214	0.00809
0.03951	0.01153	0.03853	0.0141	0.06038	0.07077	0.0972	-0.01381	0.00945
-0.00432	0.00697	-0.11941	0.01671	0.00182	-9.00E-04	-0.03101	-0.07321	0.00691
0.26614	0.03996	0.01062	0.08834	0.01509	0.61483	0.59815	0.60526	0.60642
-0.02144	0.07681	-0.00854	0.04402	0.01266	0.07936	0.10426	0.14208	0.04406
0.30211	0.39051	0.30977	0.32534	0.33516	0.53706	0.53799	0.65987	0.54671
0.00275	0.14764	0.06569	0.12754	0.06373	0.3364	0.32613	0.38624	0.32515
0.25793	0.41085	0.38934	0.36646	0.3685	0.19185	0.05366	0.26781	0.02621
-0.1548	-0.04277	-0.0365	-0.11208	0.02521	0.06118	0.10287	-0.12793	-0.04671
-0.07081	0.04046	0.06779	0.08642	0.06964	0.02485	-0.02368	-0.03321	-0.06164
-0.13358	-0.15433	-0.04461	-0.09971	-0.19556	0.08902	0.20456	0.1972	0.4578
0.36194	0.08049	0.06175	0.12612	0.06897	0.44913	0.40096	0.42032	0.44537
-0.09556	0.13353	0.00926	0.10476	0.02956	0.16098	0.13778	0.30257	0.10676
0.04119	0.02232	0.02042	0.04938	0.03219	0.06025	-0.04935	-0.01027	-0.0055
0.02352	-0.02572	-0.08475	0.02484	-0.03539	0.04041	0.17749	0.06266	0.01082
-0.20168	0.18358	0.18461	0.14476	0.19696	0.05882	0.06131	0.22496	0.08212

0.01372	-0.0659	-0.06957	-0.02792	6.40E-04	0.09972	0.11384	0.13625	0.24169
0.12464	-0.14626	0.01438	-0.12433	0.02788	0.01106	-0.17126	0.01336	-0.13203
-0.06453	0.12107	0.15168	0.14968	-0.03659	-0.05415	0.03788	-0.12216	0.01182
0.05476	-0.01054	0.08712	0.06211	-0.03557	-0.03813	-0.02659	-0.07332	-0.05779
0.11211	0.08388	0.04307	0.06528	0.04232	-0.12877	-0.18507	-0.14292	-0.16133
0.15394	0.15096	0.14001	0.10364	0.126	0.08054	0.00196	0.07138	0.0579
-0.11329	0.05698	0.12775	0.17671	0.15588	0.14777	-0.05967	-0.04671	-0.03824
0.02944	-0.10309	-0.04858	-0.05708	1.70E-04	-0.04086	-0.10846	-0.06182	-0.0592
0.02515	0.08673	0.03165	-0.14707	0.08008	-0.02778	-0.04043	0.19346	0.02806
-0.1616	0.25867	0.36584	0.21585	0.18987	-0.0435	-0.15661	0.01213	-0.12238
-0.00787	0.00844	0.07675	0.0655	0.0504	0.00281	-0.04274	-0.0782	-0.07403
0.11986	-0.09342	-0.01838	-0.06788	-0.01894	0.05598	0.03485	-0.01731	-0.01456
0.04699	0.08764	0.01673	-0.08425	0.10819	-0.20914	-0.02663	-0.20751	-0.14958
-0.03902	-0.0429	0.00753	-0.00293	0.00116	0.0075	-0.0229	-0.18925	-0.09665
0.03029	0.16959	0.10306	0.15055	0.14787	0.04634	-0.05618	0.05923	0.04458
-0.34241	0.19493	0.21396	0.18931	0.29488	-0.11315	-0.16587	-0.32555	-0.13522
0.02487	-0.26075	-0.20679	-0.19886	-0.16912	-0.04238	0.02767	-0.10441	0.06387
0.27572	0.0909	0.18381	0.09018	0.09827	0.06303	0.04509	0.01853	0.04718
-0.09027	-0.17708	-0.69151	-0.51584	-0.27888	-0.20127	-0.38287	-0.2843	-0.29711
0.03391	0.05073	0.08414	-0.03176	0.14402	0.00909	0.05477	-0.0137	0.02263
0.02371	0.05605	0.04326	-0.05241	0.05587	0.10255	0.06655	-0.00113	-0.05728
0.01912	0.04238	-0.05392	-0.02397	-0.02222	0.02159	-0.00955	-0.04488	-0.03406
-0.35014	-0.07683	-0.05043	-0.1328	-0.03717	-0.13728	-0.12993	-0.16955	0.12543
0.06225	-0.01476	0.1403	0.05208	0.00387	9.00E-05	0.01373	-0.10851	-0.05565
0.06255	0.06502	0.08598	0.08932	0.11975	0.05159	-0.01046	0.17104	-0.02671
0.10726	-0.08718	0.00236	-0.01441	0.00552	0.20163	0.1936	0.12805	0.15588
0.03622	0.23294	0.09421	0.15036	0.19681	0.10052	0.11702	0.38236	0.19045
-0.1571	-0.01177	-0.01341	0.02782	0.0071	0.20166	0.22801	0.19558	0.2437
-0.04712	-0.03225	0.05785	0.03489	-0.07345	0.07454	0.10403	-0.03779	0.06719
-0.04355	-0.03613	0.0031	-0.06294	-0.02657	0.3509	0.39934	0.31778	0.44458
-0.14177	0.22262	0.4766	0.21095	0.4009	0.25436	0.07569	0.19459	0.01961
0.18786	0.01166	0.00463	0.06102	0.078	-0.0521	-0.04222	-0.04527	-0.06243
-0.07212	-0.11113	0.00454	0.07845	-0.0676	-0.08172	-0.15215	-0.17164	0.05273
-0.0234	-0.01274	0.08232	-0.05732	0.04407	0.03095	-0.08428	-0.0081	0.03203
0.04179	-0.01636	-0.02262	0.05671	0.03153	-0.06224	-0.06024	-0.16713	-0.05211
-0.27262	0.06704	0.01298	0.14824	0.01992	0.15807	-0.11729	-0.62748	0.06415
-0.00765	0.11106	0.10809	0.05855	0.16522	0.03651	0.14567	0.04079	0.03262
0.19278	0.21909	0.01719	0.1283	0.0724	0.03884	-0.04106	0.08559	0.03157
-0.0347	-0.10448	0.02103	0.114	0.03586	-0.05269	0.0235	-0.13339	-0.04712
-0.04999	-0.28088	-0.0055	-0.01466	-0.09566	0.27391	0.19545	0.27415	0.36602
-0.25395	-0.02151	0.22274	0.06751	-0.09363	-0.20377	-0.18956	-0.32064	-0.10397
-0.0086	0.00187	-0.01319	0.01433	0.05301	-0.0336	-0.01512	-0.02661	-0.02309
0.04764	0.00493	-0.00676	0.02573	-0.01251	0.0777	0.08833	0.17596	-0.01738
0.13869	0.13177	0.12751	0.17977	0.07113	0.05537	0.09715	8.70E-04	0.15614
0.01285	0.06222	0.03227	0.0036	-0.01624	0.05344	0.08917	0.18991	0.02623
-0.27278	-0.02542	0.08501	0.03382	0.02125	-0.07812	-0.11516	-0.03307	-0.09739
-0.00231	-0.07683	-0.16543	0.00708	0.1208	0.0666	-0.01245	0.27932	-0.0749
-0.03209	-0.05437	-0.02624	0.04798	0.10558	0.03842	0.12168	0.06547	0.09108
0.05717	-0.01249	0.10757	-0.00232	0.01566	-0.07816	-0.02323	-0.08865	0.02013
0.07487	-0.05575	-0.12422	-0.09267	-0.06296	-0.02287	-0.01501	0.14878	0.03597
4.10E-04	-0.01276	0.16592	-0.225	-0.28147	-0.16114	0.07433	0.92032	0.11176
-0.17322	-0.09229	-0.02829	0.07097	-0.07911	-0.02274	-0.09379	-0.15159	-0.11194

0.13466	0.11016	0.15351	0.17634	0.13482	0.47376	0.45847	0.37895	0.43704
-0.03315	0.13816	0.20601	0.08088	0.18533	0.06118	0.05745	0.06473	0.01091
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-0.04119	0.04889	0.12976	0.04533	0.10142	-0.02624	-0.03319	-0.01382	-0.02962
0.2107	-0.22214	-0.27068	-0.26983	-0.26257	0.03016	0.1958	-0.01277	-0.02253
0.07997	0.06506	-0.04455	-0.01839	-0.01517	0.19473	0.23899	0.58933	0.30342
0.07324	-0.08475	-0.16015	0.02588	-0.05928	-0.06709	0.02127	-0.08698	0.02638
0.03519	-0.04165	0.02749	-0.04354	-0.00814	-0.10365	-0.01988	0.07887	-0.00459
-0.13376	0.0901	0.11444	-0.01168	-0.0185	-0.15666	-0.25179	-0.07585	-0.27814
0.10685	-0.05734	-0.00537	-8.50E-04	-0.02427	0.05472	-0.0102	-0.07282	0.05242
0.06371	0.005	0.05781	0.01881	0.05097	-0.08551	-0.03917	0.02066	-0.00299
-0.01425	-0.01159	-0.02331	-0.01892	-0.01016	0.00696	-0.12122	0.02264	-0.13101
0.07554	0.05938	0.06765	0.09214	0.04947	0.10116	-0.00826	0.06644	0.1079
-0.12681	0.32733	0.4159	0.41216	0.43731	0.05047	0.10488	-0.16003	0.11435
0.00808	-0.03019	-0.02197	-0.02264	-0.0371	-0.06919	-0.20068	0.16441	-0.08932
0.04815	-0.0279	0.0247	0.05431	0.00297	-0.05607	-0.03333	-0.12432	0.00481
0.00762	0.01154	0.35054	0.00564	0.03171	-0.13927	0.23024	0.08251	-0.06219
0.00346	-0.04551	-0.0142	0.00734	-0.00629	0.04731	-0.00911	-0.13545	-0.04841
-0.00624	-0.05306	-0.05857	-0.03854	-0.04121	0.04849	0.01294	-0.01215	-0.04286
0.16725	0.01089	-0.00711	0.04096	0.04625	-0.08347	-0.03397	-0.10842	-0.04052
0.04131	0.04557	0.04004	0.21153	0.14615	-0.29714	-0.181	-0.42856	-0.10922
0.15857	0.03698	-0.01087	0.03416	0.04977	-0.09312	-0.08488	0.1466	-0.08903
0.05028	-0.06688	-0.05429	-0.03563	-0.1172	0.03952	0.06212	-0.07308	-0.03132
0.01846	0.24908	0.15532	0.27936	0.10088	0.14659	0.1985	0.48294	0.25707
0.10532	0.2809	0.29007	0.24154	0.29526	0.23035	0.2358	0.18344	0.20888
-0.01012	-0.07964	0.02767	-0.0511	0.03961	0.02841	0.10444	0.25784	0.0818
0.01562	-0.07806	-0.01329	-0.11329	0.00966	-0.00114	0.02036	-0.01023	0.09133
0.01192	0.06705	0.00603	0.03712	-0.0378	0.06668	0.18328	0.13803	0.03277
0.26952	0.32363	0.232	0.25988	0.20429	0.42606	0.33216	0.28322	0.54555
0.02164	0.02864	-0.0157	-0.01052	0.03134	0.05218	0.07892	0.05688	-0.05089
0.04912	0.1027	0.08701	0.03429	0.19121	-0.06156	0.0039	0.12546	0.11897
-0.01823	0.21571	0.20769	0.27522	0.26019	-0.15746	-0.23522	-0.21166	-0.07555
-0.16257	-0.00362	-0.04646	0.03598	0.17179	0.06696	-0.14011	-0.48056	-0.13976
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-0.02508	-0.10736	-0.1065	-0.1093	-0.10105	-0.09478	-0.09331	-0.1512	-0.14177
0.02058	-0.1266	-0.0685	-0.08474	-0.0686	-0.06002	-0.07946	-0.14558	-0.11368
0.21979	-0.05247	-0.02877	-0.03905	-0.03449	-0.10523	-0.03731	-0.17816	-0.07128
0.05173	0.27057	0.18649	0.17849	0.2322	0.11329	0.24092	0.09271	0.12057
-0.00743	0.01594	0.06721	0.00609	0.09263	0.03729	0.01519	0.03321	0.08465
0.18611	-0.03775	0.00784	-0.001	0.13481	0.21881	0.22753	0.17403	0.33584
-0.17128	-0.3395	-0.48425	-0.26554	-0.39588	0.13252	0.20068	0.10449	0.28959
0.05435	-0.00529	0.02273	-0.03086	0.08086	0.1104	0.04569	-0.00106	0.05055
0.3603	0.10707	0.12176	0.03314	0.13537	-0.01896	-0.10725	0.02179	0.01033
-0.11054	0.06426	0.13752	0.05355	0.07688	-0.19656	-0.10364	-0.17257	-0.1125
0.07287	0.14623	0.16016	0.17618	0.20968	0.29743	0.32756	0.19277	0.33994
0.07088	-0.02993	0.10813	-0.03114	0.03504	0.10509	0.00861	0.05301	0.0138
0.01629	0.04637	-0.03349	0.016	-0.05997	0.11316	0.15826	0.06074	0.13285
-0.00705	0.06148	0.12238	-0.07817	0.01768	-0.01271	0.012469	0.02254	0.01508
0.0104	-0.00471	0.05983	-6.10E-04	0.01047	-0.07477	-0.17627	-0.05993	-0.14886
-0.11536	-0.05205	0.01844	0.06458	0.06621	-0.11045	-0.112	-0.11955	-0.06241
0.02528	0.02245	0.03199	0.02233	-0.01135	0.02778	0.09317	0.09672	-0.03819
0.2744	0.10328	0.27584	-0.13399	-0.11341	-0.29718	0.1937	0.17893	0.24714

0.20768	-0.0435	0.00324	0.01415	0.02054	0.08414	0.03885	0.23977	0.04443
0.05422	0.0398	-0.00237	0.02374	-0.01382	0.09597	0.06882	-0.02926	0.04981
-0.05317	0.04585	0.03304	0.01611	-0.01251	-0.01863	-0.09377	-0.05974	-0.03574
-0.00415	0.0092	0.12867	0.04725	0.07814	0.00192	-0.07057	-0.0487	-0.04514
0.03818	0.15523	0.09053	0.14834	0.11791	0.01749	0.03257	0.32904	0.0512
0.16095	0.00896	0.01076	0.0761	0.10944	0.11201	-0.07802	-0.039	-0.0516
-0.0535	-0.06845	-0.0209	-0.0384	-0.05251	-0.01891	-0.13086	-0.07413	-0.10975
-0.06745	-0.10133	0.1372	0.08975	0.09506	0.0297	-0.1472	-0.17792	-0.19827
9.60E-04	0.00717	0.05	0.03342	0.05428	0.09554	0.09003	0.02675	0.06807
0.40437	0.32861	0.14631	0.25212	0.21717	0.07827	0.141	0.27575	0.10355
-0.27454	-0.04038	0.06696	0.01333	0.04448	0.38413	0.39055	0.38491	0.37594
-0.00159	0.00377	0.10298	-0.06733	0.02789	-0.09453	-0.14704	-0.12049	-0.1769
0.08391	-0.03381	-0.02275	-0.06266	-0.01503	0.1208	0.28287	0.13708	0.20994
-0.01077	-0.10359	0.01053	0.03206	0.03805	-0.11207	-0.09448	-0.14936	-0.15121
0.00908	-0.02206	-0.01221	0.0303	0.03085	-0.10254	-0.0976	-0.08236	0.08204
0.01815	0.12064	0.18924	0.18986	0.18649	0.09785	0.11187	0.08169	0.09966
0.1008	-0.01979	-0.02626	-0.01852	-0.07106	-0.1425	-0.07225	-0.17311	-0.04437
0.21145	0.05758	0.0075	0.02583	0.04032	0.06266	0.0536	0.10791	0.06393
0.09175	-0.07771	-0.00485	-0.05764	-0.01265	0.06381	-0.02503	0.14659	-0.04892
0.02805	0.02561	-0.03547	0.0566	0.00555	-0.19141	-0.20794	-0.20702	-0.15224
-0.01409	0.05255	0.00215	0.01236	-0.02014	0.05381	0.02259	0.00696	-0.01938
0.03703	-0.21228	-0.33538	-0.24018	-0.29387	0.44838	0.51923	0.46479	0.51911
-0.00221	0.02676	0.08163	-0.03157	0.18419	0.02026	0.00689	-0.01324	0.04691
0.06891	0.0085	-0.05814	0.06126	0.01458	-0.22996	-0.18424	-0.40235	-0.26357
0.06613	-0.00601	-0.10386	-0.01405	0.02794	0.0802	-0.02051	-0.13477	0.0108
0.00188	0.20175	0.13344	0.21717	0.12121	0.08334	0.11927	0.10226	0.22035
-0.03958	-9.00E-05	-0.05033	0.05459	0.02586	-0.12495	-0.12426	-0.18447	-0.0598
-0.00734	-0.14465	-0.16918	-0.0763	-0.10751	-0.02831	-0.07752	-0.09059	-0.03157
-0.21061	0.05333	0.04842	0.07469	0.09689	-0.13432	-0.16375	-0.17673	-0.01912
-0.0767	0.10994	0.1411	0.06517	0.06425	-0.02662	-0.02849	-0.05043	-0.02903
0.10914	0.03249	0.0419	0.02895	-0.00371	-0.10535	-0.02653	-0.09923	0.02008
0.26389	-0.03086	-0.09366	-0.05055	-0.06741	0.04018	0.04871	0.01165	0.05798
-0.09266	0.24542	-0.03173	-0.26679	0.00344	-0.05799	-0.23442	-0.117	-0.17629
-0.01653	0.01402	0.12923	-0.12957	-0.13579	-0.05638	-0.05623	0.231	-0.03523
0.11044	-0.09368	-0.06474	-0.09242	-0.00731	-0.06878	-0.0135	-0.03769	-0.08195
-0.07189	-0.11428	-0.18988	-0.00368	-0.05174	0.01941	0.13794	0.00963	0.16878
-0.01999	-0.06144	-0.01268	0.04374	0.01905	-0.015	0.0408	-0.06074	-0.0182
-0.00795	-0.1074	0.01678	0.04086	-0.04324	-0.04197	-0.06228	-0.18272	-0.11148
0.04699	-0.03134	0.16425	0.04592	0.10771	0.03728	-0.02114	0.21598	-0.01565
-0.01565	-0.05419	-0.06524	0.01603	0.03697	0.03979	-0.00613	-0.23367	-0.06612
-0.02633	0.06922	0.14221	0.00825	0.04654	-0.05714	-0.13222	-0.05582	-0.09457
-0.06853	0.0466	-0.13181	-0.02707	-0.08259	-0.10057	-0.08886	-0.10915	-0.03239
-0.05205	-0.11609	-0.24877	-0.06526	-0.06064	0.17627	0.14208	-0.27628	0.03763
0.18844	-0.11302	-0.07074	-0.11356	-0.05154	0.30478	0.30411	0.27117	0.43181
-0.17874	-0.10353	-0.08741	0.09934	0.1218	-0.02443	-0.21182	-0.45484	-0.01232
0.23695	-0.03693	-0.03755	-0.0151	-0.02949	-0.6793	-0.62934	-0.7296	-0.65061
0.00179	0.25944	0.1089	-0.07323	0.03327	-0.0292	0.06025	0.48774	0.04188
-0.00989	-0.00425	-0.06769	0.0083	0.0212	0.07328	0.00115	-0.02363	-0.03731
-0.06737	0.04081	0.47386	0.37085	0.13416	0.527	0.46469	0.34433	0.07708
0.00682	-0.03159	-0.0057	0.06245	0.05104	0.08206	-0.03125	-0.03542	-0.04961
-0.19129	0.03699	0.0895	0.00512	0.30622	0.3058	0.21116	0.17043	0.0337
0.0243	0.00423	0.04848	0.02432	0.0413	-0.05454	-0.10686	-0.07077	-0.02144

0.0783	-0.00904	-0.06442	-0.0123	-0.0479	0.06866	0.03291	0.08115	0.06423
-0.01981	0.02933	-0.11123	0.04432	-0.09596	0.03888	-0.00101	0.05764	-0.04833
-0.16934	0.05289	0.05481	0.04277	5.50E-04	-0.00972	0.03728	-0.06128	0.03608
0.00708	-0.08695	-0.02153	-0.09577	-0.08785	-0.02906	-0.01814	-0.14073	-0.0084
0.12305	0.05055	0.02859	0.11883	0.06549	0.3189	0.44929	0.29522	0.44446
0.10374	-0.05469	0.0264	0.02933	0.09478	0.03106	-0.0549	-0.11687	0.03501
-0.01827	-0.00717	0.01944	0.03183	0.03528	-0.04923	-0.06138	-0.10207	-0.05154
0.00631	0.01711	0.06343	0.06644	0.09819	-0.00549	-0.04708	0.01729	0.00142
-0.14013	0.17121	0.19429	0.14657	0.10712	0.00611	0.06216	0.01931	0.11548
-0.111583	-0.12586	0.02184	-0.07954	-0.00683	-0.04818	-0.08812	-0.1272	-0.06876
0.09938	-0.07279	-0.07799	-0.07086	-0.06757	-0.09147	-0.07514	-0.14065	-0.12562
-0.02292	-0.05141	-0.02648	-0.00614	-0.02361	-0.05605	-0.10103	-0.11803	-0.14225
-0.01089	-0.28715	-0.33635	-0.24752	-0.25855	-0.19024	-0.18677	-0.25456	-0.18287
-0.08512	0.1796	0.14559	0.08305	0.28413	-0.06965	0.0486	0.04234	0.0616
-0.04763	-0.05986	0.10837	0.05789	0.03394	-0.06386	-0.09931	-0.15652	-0.00694
-0.33333	-0.1627	-0.27834	-0.13454	-0.16521	-0.19089	0.02069	-0.19062	-0.03884
0.01795	0.07214	-0.0092	0.08278	0.0124	-0.11814	-0.05372	0.24111	-0.02506
-0.12748	0.59475	0.25608	-0.33525	0.50874	-0.10842	0.22849	-0.0795	-0.39333
-0.01484	0.0217	0.1146	0.13227	0.18277	-0.19199	-0.15911	-0.23607	-0.20452
0.02469	0.00624	0.00589	-0.03389	0.01263	0.01499	-0.04607	-0.00328	-0.07247

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Probe ID	GenBank #	Sequence	Correlation	Magnitude	SNR	m_liver_lov	m_liver_lov	m_liver_lov
A_42_P54	NM_01733	Fatty acid s	0.96666	1.68534	17.64283	0.02615	-0.06669	-0.19448
A_43_P22	AW918752	Cell death-	0.95803	2.7791	17.45582	-0.4033	0.1334	-0.00154
A_43_P15	M92059	Adipsin	0.95203	4.92258	31.995	-0.0528	-0.32547	-0.14202
A_42_P61	NM_01268	Uncoupling	0.92141	1.80297	13.69992	-0.17521	-0.04831	-0.08118
A_42_P48	NM_01923	Solute carr	0.89641	1.07815	6.94661	0.23254	0.05474	-0.10015
A_43_P12	NM_05336	Fatty acid k	0.89122	2.74513	7.07502	0.67157	-0.65401	-1.38573
A_43_P11	NM_01278	Cytochrom	0.87717	1.68742	8.0413	-0.15182	-0.49308	-0.5311
A_42_P64	BE110944	Aldo-keto r	0.87413	1.02665	6.41206	-0.32814	0.18509	-0.34977
A_42_P75	NM_01990	Lectin, gal	0.86298	0.83181	10.28232	0.05495	-0.16037	0.11901

m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov
0.08674	-0.01436	-0.06111	0.12419	0.08036	-0.10453	-0.08104	-0.00782	-0.16417
-0.26156	-0.17718	0.50968	0.30164	0.27141	-0.37055	-0.43546	-0.57975	-0.57297
-0.06911	-0.14854	0.19743	0.66735	0.6471	0.12903	0.32931	0.15421	0.08636
-0.05855	0.09537	-0.02134	0.36853	0.0506	-0.02912	-0.17222	-0.13771	-0.217
-0.22128	-0.08089	-0.11059	-0.07167	-0.04639	0.15017	0.07139	-0.54573	0.25966
-0.13099	1.04743	-0.4856	-0.10037	0.57238	0.53743	-0.01807	-0.31579	0.29746
0.04156	-0.10573	-0.30785	0.17842	-0.12584	-0.09274	-0.48382	-0.43693	-0.08084
-0.4387	-0.10545	0.01784	-0.14298	-0.17696	-0.10214	-0.10428	-0.12846	-0.56747
-0.08999	0.01302	0.07916	0.33284	0.01808	-0.10125	0.09841	-0.09599	-0.09787

m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç
0.16065	-0.01582	0.24459	-0.02886	0.05316	0.04988	0.31538	0.20387	0.12883
0.0186	0.09386	-0.10076	-0.2988	0.08509	0.35307	0.62983	0.49572	0.80913
-0.31012	-0.43729	-0.46547	-0.43106	-0.02069	0.04849	0.33572	0.33389	0.65416
-0.15095	-0.14708	-0.35028	-0.18163	-0.19119	-0.10695	-0.40727	-0.05082	-0.42315
-0.10636	-0.11811	0.29826	-0.04353	0.08986	0.05028	0.24181	-0.16256	0.07351
0.54549	-0.36859	-0.50259	1.14505	0.53747	-0.63373	-0.36904	1.07044	0.42155
0.27737	-0.30569	-0.55587	-0.43622	0.13518	-0.52305	-0.36437	-0.06513	0.10893
-0.47331	-0.55062	-0.95752	-0.55049	-0.16328	0.00541	-0.09423	0.03006	0.07976
-0.0101	-0.05483	-0.02086	0.00855	0.03208	-0.01631	0.1706	0.45888	0.20098

m_liver_hiç	m_liver_hiç	m_liver_hiç	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
0.32836	0.32068	0.72082	0.09035	0.09225	0.06505	0.07992	-0.00266	0.04345
0.08105	0.94572	0.7876	-0.0303	-0.11429	-0.08895	0.04755	0.11031	0.11341
0.36708	0.45345	0.50762	0.13567	0.02706	0.08704	0.07868	-0.63986	-0.87767
-0.33442	-0.28468	-0.47917	-0.27866	-0.25528	-0.10914	-0.22728	0.29638	0.03737
0.11385	-0.03739	0.29651	0.15489	-0.22443	0.126	0.07159	-0.18572	-0.24046
-0.26605	0.74463	1.30387	0.1678	0.33847	0.22195	0.08481	-0.25769	-0.37103
0.23018	0.09224	1.10327	-0.08952	-0.08636	-0.04487	-0.06655	-0.08092	0.00552
-0.52097	0.18584	0.09148	-0.06714	-0.05835	0.00431	-0.14515	-0.22615	-0.30538
0.22454	0.30021	0.52721	0.18429	0.0736	0.14847	0.13919	-0.12284	-0.11526

m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
0.01848	0.05366	-1.44234	-1.3375	-1.25839	-1.20443	-0.28842	-0.36497	-0.29847
0.09123	0.10726	-1.8908	-2.33427	-2.10809	-2.15976	-0.63091	-0.53762	-0.58647
-0.59778	-0.7936	-4.8849	-4.21314	-4.45219	-4.15777	-2.15865	-2.29898	-2.28197
0.27982	0.00274	-1.94073	-1.37522	-1.53701	-1.74261	-0.44238	-0.52499	-0.38376
-0.18206	-0.25568	-1.23979	-1.02771	-0.90868	-0.68993	-0.13231	-0.21782	0.00292
-0.4155	-0.41974	-2.12362	-2.34714	-2.06112	-2.24464	-0.69341	-0.72852	-0.72311
0.05539	-0.05787	-1.30898	-1.21586	-1.139	-1.55122	-0.42271	-0.25756	-0.09734
-0.36704	-0.34991	-0.83711	-1.14779	-1.18184	-1.10374	-0.35107	-0.41258	-0.4543
-0.09466	-0.05388	-0.38027	-0.37645	-0.31823	-0.32303	-0.14121	-0.17816	-0.12361

m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
-0.24144	-0.67279	-0.83469	-0.769	-0.75645	-1.08096	-1.28471	-1.31195	-1.19612	
-0.53558	-1.18205	-1.28755	-1.33538	-1.14441	-1.62677	-1.51804	-1.71668	-1.63146	
-1.97439	-2.65709	-2.83699	-2.59678	-2.77744	-1.72816	-1.85141	-1.6579	-1.75698	
-0.39888	-1.51938	-1.07978	-1.14113	-1.22257	-1.16352	-1.14198	-1.48568	-1.49682	
-0.08647	-0.80916	-0.83952	-0.70301	-0.59909	-0.70324	-0.77571	-0.95312	-0.64812	
-0.66034	-1.35389	-1.10353	-1.27148	-1.11806	-1.58867	-1.49036	-1.52857	-1.56717	
-0.27381	-0.96482	-0.62037	-0.62247	-0.57782	-1.02119	-1.05499	-1.22219	-1.2017	
-0.25517	-1.05933	-0.92316	-1.04724	-1.04951	-1.25684	-0.73137	-0.81203	-1.17377	
-0.12974	-0.4913	-0.51811	-0.50918	-0.48082	-0.59091	-0.5125	-0.50329	-0.46762	

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Probe ID	GenBank #	Sequence	Correlation	Magnitude	SNR	m_liver_lov	m_liver_lov	m_liver_lov
A_42_P75	AI137233	Transcriber	0.98975	1.79808	17.46557	-0.37952	-0.05345	-0.17044
A_42_P49	NM_00100	Glutathione	0.98786	4.05293	39.54909	-0.09421	-0.0601	-0.13925
A_42_P63	NM_03164	Mitogen ac	0.98658	2.06601	17.39986	-0.21466	-0.04728	-0.07695
A_43_P11	NM_01703	Protein phc	0.9858	1.49426	22.32193	0.07692	-0.05982	-0.12776
A_43_P11	NM_01292	Cyclin G1	0.98479	2.10739	26.06803	-0.54574	-0.38406	-0.53972
A_43_P12	NM_05343	RAN, mem	0.9843	1.60513	16.37366	-0.62974	-0.1682	-0.08456
A_43_P17	BQ205894	Golgi autoæ	0.98354	1.21249	21.99223	0.07264	-0.00419	0.08688
A_43_P15	NM_13889	RS21-C6 p	0.98338	1.60581	17.94903	-0.08047	-0.05768	0.03585
A_42_P51	NM_13329	Glycoprote	0.98283	2.45371	19.96498	-0.06537	-0.08661	-0.40541
A_42_P55	BI303289	Growth arr	0.98221	1.99825	29.26786	0.28741	0.2629	0.33082
A_43_P12	NM_01935	Eukaryotic	0.98187	1.26546	15.86869	-0.37646	-0.02095	-0.01648
A_42_P71	NM_03162	3-phospho	0.98084	3.24149	30.57929	-0.24827	-0.37227	-0.3685
A_43_P12	NM_03111	S100 calci	0.98055	3.77884	25.86141	-0.6948	0.35087	-0.27783
A_43_P11	CB547629	Glycyl-tRN	0.98039	1.49106	19.33673	-0.01167	-0.10677	0.06327
A_42_P58	AA944278	Isoleucine-	0.97995	1.63965	21.1027	0.01517	-0.01068	0.00138
A_43_P11	NM_01299	Nucleopho	0.97988	1.77872	20.5169	0.06633	0.06232	0.05663
A_43_P12	NM_03166	CAMP-regu	0.97966	1.53249	16.26505	-0.10225	-0.20025	-0.11998
A_42_P54	NM_13854	Tumor-ass	0.97884	2.40843	16.61351	-0.50237	0.00498	-0.3041
A_42_P68	NM_03084	Islet cell au	0.97768	2.5998	15.6363	-0.50024	-0.13135	-0.34242
A_42_P54	NM_03131	Cytosolic a	0.97725	3.26267	18.07135	0.16099	-0.05725	0.02268
A_43_P13	NM_14509	Zinc finger,	0.97655	2.23477	21.141	-0.0979	0.07608	-0.06278
A_42_P64	BM387868	Data not fo	0.97643	1.60685	15.52224	-0.46378	-0.11515	-0.32875
A_42_P56	BI296028	Synaptotac	0.9761	2.75288	19.58253	0.16672	0.10002	0.26013
A_42_P59	NM_03181	Fat tumor s	0.97588	2.10611	23.65846	-0.01816	0.07387	0.05724
A_42_P59	AA899721	Mitochondr	0.97584	2.64285	26.40485	0.19842	-0.06499	0.08887
A_43_P15	BE111474	Transcriber	0.97563	2.1979	29.9536	0.17255	0.21573	0.28132
A_42_P69	NM_14717	RuvB-like p	0.97551	1.26903	17.62593	-0.30015	-0.19209	-0.0132
A_42_P53	BF281577	Reticulocal	0.97525	2.45557	15.30511	-0.50505	0.06065	-0.12801
A_42_P78	NM_05400	CD36 antig	0.97479	2.0491	26.5827	-0.01947	0.08386	0.1599
A_43_P14	NM_02240	Acidic ribos	0.97443	2.12206	32.57439	-0.28084	-0.33987	-0.16322
A_42_P49	NM_03109	V-ral simia	0.97434	1.23704	12.98672	-0.08037	-0.17113	-0.02064
A_42_P47	BI286828	Tryptophar	0.9742	2.56887	28.60397	-0.48799	-0.52814	-0.41348
A_43_P14	CA509361	Inosine 5-n	0.97324	1.76278	20.91309	-0.30052	-0.33529	-0.2345
A_43_P16	AA901338	Eukaryotic	0.97289	0.90312	12.85187	-0.12094	0.00164	0.06685
A_43_P13	NM_13435	Poly(A) bin	0.97257	1.20328	14.70159	-0.09091	-0.10259	0.07677
A_43_P16	BU759827	RuvB-like 2	0.97255	1.13233	14.86227	-0.08476	-0.2574	-0.06413
A_42_P50	BQ199356	Similar to n	0.97196	1.37334	19.91767	-0.1179	-0.16836	-0.32793
A_42_P70	NM_03106	Ribosomal	0.9719	1.68596	21.85963	-0.25183	-0.30183	-0.08986
A_43_P13	AA925053	Protein phc	0.97168	1.45121	13.73616	-0.20506	0.11176	-0.1621
A_42_P53	AA891212	Replication	0.97121	1.37629	12.70885	-0.11329	-0.09161	-0.17273
A_42_P51	NM_01715	Ribosomal	0.97081	1.67702	17.23503	-0.33127	-0.27374	-0.02599
A_43_P15	AB043959	Ubiquitin cæ	0.97034	1.33346	12.31332	-0.47278	-0.01123	0.07444
A_42_P53	NM_01291	ATPase int	0.96999	1.0327	14.09478	-0.00251	-0.05407	-0.04698
A_42_P68	BM387024	Similar to C	0.9699	1.17755	20.62499	-0.12627	-0.01036	-0.00418
A_43_P12	NM_03110	Ribosomal	0.96961	1.88464	23.12086	-0.10193	-0.25803	-0.11659
A_42_P77	NM_02436	Heterogenæ	0.96948	1.14406	12.13444	-0.15175	0.01019	0.10037
A_42_P61	AW916287	Myosin IG	0.96879	2.20603	14.78176	-0.71601	-0.1915	-0.40547
A_42_P72	BF556056	Similar to h	0.96879	1.07272	10.88934	-0.00611	0.18257	-0.0438
A_42_P58	BM388420	Similar to n	0.96848	0.96477	14.03393	-0.02848	0.08124	-0.08841
A_43_P16	BF284746	Similar to h	0.96841	1.34115	14.27928	0.04023	-0.05673	0.02466
A_43_P11	NM_01925	Compleme	0.96837	1.29065	11.3109	-0.16977	0.05127	-0.30489

A_43_P12	NM_03111	Ribosomal	0.9683	1.99523	27.4459	-0.133	-0.22895	-0.10249
A_43_P16	BQ208751	Karyopheri	0.96806	1.26697	13.24895	-0.17039	-0.0278	0.15474
A_42_P75	BI303604	High mobili	0.96789	1.40903	18.53484	0.09945	0.18402	0.22415
A_43_P22	BF395191	Data not fo	0.96787	1.74157	27.43367	-0.22215	-0.08637	-0.16072
A_42_P60	NM_05329	Ubiquitin D	0.96774	3.01366	18.895	-0.78732	0.03983	-0.59016
A_42_P62	AA924324	Transcripti	0.96772	0.93414	11.38989	-0.19692	0.07443	0.02202
A_43_P12	NM_02415	ADP-ribosy	0.96765	1.27386	20.19849	-0.15035	-0.03644	-0.05354
A_42_P76	NM_03170	Ribosomal	0.96713	2.15341	26.63878	-0.15738	-0.36245	-0.28076
A_42_P66	BF555191	Similar to L	0.96703	1.28278	13.61601	-0.30179	-0.11029	-0.40383
A_43_P14	NM_02259	Telomeras	0.96701	1.60814	17.61643	-0.47271	-0.0992	-0.19744
A_42_P49	BE114208	RAB30, me	0.96662	2.2823	19.86884	0.28734	0.20439	0.16866
A_42_P66	NM_05397	Ribosomal	0.96658	1.48667	22.14392	-0.26781	-0.30206	-0.18148
A_43_P16	BQ195982	Small induc	0.9663	1.42766	11.11576	0.00955	0.24806	-0.08323
A_42_P73	AI704613	Similar to F	0.96625	1.6457	9.17575	-0.50495	0.19227	0.36513
A_42_P77	NM_01924	Prostaglan	0.96614	1.32498	11.11312	-0.11217	0.31488	0.03449
A_43_P12	NM_02250	Ribosomal	0.9659	1.91165	26.29177	-0.31843	-0.17491	-0.12252
A_42_P59	BG664661	Small fragr	0.96584	1.26736	12.96186	-0.29006	-0.2387	-0.1415
A_42_P68	BG378291	RGD15661	0.96568	1.6433	19.183	0.12646	-0.03965	0.25602
A_43_P15	NM_03109	Ribosomal	0.96535	1.74726	18.92197	-0.3568	-0.12768	-0.11015
A_42_P75	AI603654	Ribosomal	0.96448	1.84227	21.67064	-0.12959	-0.19056	-0.08528
A_42_P76	NM_03131	T-complex	0.96513	1.36912	11.84688	-0.17889	-0.0285	-0.00545
A_42_P51	BQ206425	Similar to h	0.96484	0.67733	10.6493	-0.07551	0.03478	-0.02356
A_43_P17	BE099470	RGD15621	0.96447	1.19423	16.23514	-0.05256	-0.21622	-0.30979
A_42_P60	NM_05356	Nuclear RN	0.96416	1.58957	14.2024	-0.55498	-0.2668	-0.39565
A_42_P61	AF388528	Hypothetic	0.96408	1.05702	10.01842	-0.49105	0.08112	-0.01607
A_43_P10	NM_01716	Ribosomal	0.96406	2.09779	26.32678	-0.35013	-0.32899	-0.20274
A_42_P59	BE117683	Transcriber	0.96369	0.94585	12.68174	-0.06572	0.14283	0.17371
A_42_P73	AW251678	Eukaryotic	0.96356	1.31319	25.21813	-0.34025	-0.14354	-0.20623
A_43_P12	NM_03110	Ribosomal	0.96343	1.05869	19.61573	-0.0862	-0.22745	-0.30611
A_42_P46	BQ203680	Similar to 2	0.9634	4.31837	14.42273	-0.38318	-0.51638	-2.00451
A_43_P14	AW434047	RGD15661	0.9633	1.29734	15.16841	-0.11286	0.02475	0.26148
A_43_P10	AI175494	Similar to F	0.96317	1.11206	19.89494	-0.07218	-0.19907	-0.19189
A_43_P12	NM_05346	Spermidine	0.96309	1.78854	16.86858	-0.29289	-0.19778	-0.37087
A_42_P64	AI012566	Transcriber	0.96231	1.78784	13.50059	-0.00191	-0.07029	-0.07371
A_42_P62	NM_03261	Thioredoxin	0.96229	1.33484	12.70519	-0.23844	-0.028	-0.30565
A_43_P14	NM_02267	H2A histon	0.96224	1.01302	10.42898	-0.03263	-0.13268	-0.07886
A_42_P63	BI295618	Transcriber	0.96212	1.51372	15.7435	0.19304	0.3485	0.12647
A_43_P16	BQ207606	Programme	0.96177	1.27035	11.21453	-0.08485	-0.26706	-0.27815
A_42_P83	AI715163	B-box and	0.96153	2.83165	11.59207	0.20117	-0.27736	-0.89613
A_43_P16	NM_00100	Proliferatio	0.96134	1.5352	16.52409	-0.34948	-0.35675	-0.44508
A_43_P12	NM_02269	Ribosomal	0.9612	1.31077	18.20348	-0.03043	-0.1297	-0.07452
A_42_P77	NM_01724	Heterogen	0.96071	1.76468	16.10024	-0.47339	0.01835	-0.45844
A_43_P16	CA504550	Similar to C	0.96062	0.92119	14.149	-0.04606	0.03379	0.04296
A_43_P12	NM_03183	Lectin, gal	0.9605	1.84723	21.42239	-0.28213	-0.28531	-0.3441
A_42_P78	BQ200492	Transcriber	0.96026	1.19467	11.65431	0.10319	-0.09779	-0.06024
A_43_P22	BE117800	Data not fo	0.96018	0.92809	11.70349	0.05126	0.03927	-0.07148
A_43_P10	AI408791	Similar to L	0.95999	1.01175	10.69254	0.03176	-0.27683	-0.17801
A_43_P12	NM_03157	Ribosomal	0.95966	1.6336	14.37146	-0.43113	-0.42642	-0.23334
A_43_P10	CA505434	Eukaryotic	0.95901	1.45991	23.28938	-0.26348	-0.19309	-0.22093
A_42_P80	NM_13932	EH-domain	0.95895	1.20556	11.36772	-0.34678	0.07831	-0.13251
A_43_P15	BQ782938	Transcriber	0.9588	1.49147	13.64565	-0.57164	-0.48642	-0.2941
A_42_P73	BQ211225	Katanin p6	0.95867	1.10066	12.03184	-0.21728	-0.06022	-0.03923

A_43_P14:NM_01715 Ribosomal	0.95843	1.73155	19.86067	-0.30992	-0.15983	-0.20299
A_43_P15:BQ202863 RNA polyr	0.95833	0.95191	11.94132	-0.07003	0.09338	0.22101
A_43_P14:BQ207048 B-cell trans	0.95833	2.40258	9.72774	0.27306	0.6092	-0.45914
A_43_P14:CA509438 Ubiquitin-lil	0.95819	0.82136	14.30027	-0.16143	-0.24242	-0.12625
A_42_P57:BI278468 Seryl-amin	0.95817	1.54545	10.48691	-0.39776	0.5874	-0.02212
A_43_P12:NM_02413 DNA-dama	0.95797	2.38877	18.84338	0.05961	0.18025	0.20014
A_43_P11:NM_01283 ATP-bindin	0.95796	1.67828	18.83623	-0.15918	0.2218	0.30481
A_42_P46:BM392398 Interferon c	0.95777	1.09247	18.41404	0.0784	-0.19937	0.04385
A_42_P68:AA957753 Similar to h	0.95757	1.00583	10.18892	-0.21785	-0.06582	-0.29571
A_42_P71:BQ196489 Coxsackie	0.95735	0.95554	12.21766	-0.16951	0.06479	-0.01679
A_42_P62:NM_03183 Expressed	0.9572	1.42734	14.43674	-0.01908	-0.25716	-0.16909
A_43_P17:BF283097 RNA (guan	0.9572	0.97912	7.59077	-0.31535	0.37199	-0.15003
A_42_P65:NM_03170 Ribosomal	0.95716	1.89855	20.82995	-0.48327	-0.23793	-0.30867
A_42_P58:AW253723 Similar to n	0.957	1.45944	9.14065	-0.2729	0.11098	-0.03667
A_42_P45:NM_18333 Cathepsin	0.95686	1.31944	16.9585	-0.22973	-0.07267	-0.14088
A_42_P54:NM_14475 Tribbles ho	0.95685	3.32673	27.17707	0.73269	0.66976	0.95258
A_42_P78:BQ205814 RalBP1 as	0.95665	1.05924	9.84517	-0.18409	0.01242	0.10852
A_43_P13:NM_13041 Annexin A7	0.95658	1.96496	11.73149	-0.14269	0.11597	-1.04907
A_42_P66:AI177170 Catenin (ca	0.95647	0.78975	12.33538	0.1042	0.06129	0.12607
A_43_P14:NM_03170 Ribosomal	0.95634	2.08364	20.8325	-0.2333	-0.42942	-0.19341
A_43_P13:NM_05398 Ribosomal	0.95625	1.89409	28.70103	-0.1958	-0.4363	-0.19931
A_42_P48:BQ192671 Mitochondr	0.95611	1.0547	10.03834	-0.41521	-0.08487	0.04742
A_42_P67:BM385355 RGD15635	0.95594	1.83172	28.20065	-0.31615	-0.30653	-0.22381
A_42_P77:BQ205023 Similar to e	0.95574	2.3283	11.35553	-0.47549	-0.10421	-0.74006
A_42_P59:NM_14474 Protein phc	0.95571	1.1555	17.36763	0.12681	0.20721	0.19523
A_43_P11:BQ191848 Eukaryotic	0.95548	1.4369	10.30882	-0.19224	0.14618	-0.26885
A_42_P76:BE097112 EBNA1 bin	0.9553	1.53111	14.04284	-0.29228	-0.28546	-0.34838
A_43_P12:NM_02286 Nucleolar e	0.95528	1.04868	13.37772	-0.09273	-0.19852	-0.08884
A_43_P10:AA849965 Calcium bir	0.95505	0.72394	10.38507	-0.16663	0.00121	0.01537
A_42_P58:AI412580 Similar to A	0.95478	1.7259	10.6614	-0.22574	0.41892	0.21281
A_42_P63:NM_01715 Ribosomal	0.95424	1.97972	22.15558	-0.15203	-0.21892	-0.17938
A_42_P59:AI144754 DEAD (Asp	0.95422	2.59667	14.60922	-0.33173	0.01587	-0.05132
A_42_P45:BF395101 Transcribe	0.95414	1.70492	15.21427	-0.42449	-0.20278	-0.19191
A_42_P50:AW251335 Similar to F	0.95413	2.70796	16.81804	-0.44061	-0.09682	-0.61971
A_42_P62:NM_02440 Activating t	0.95408	1.34622	13.4069	-0.2069	-0.40846	-0.20664
A_42_P50:AA891920 NTF2-relat	0.95389	1.02196	11.97686	-0.15854	0.22261	0.08863
A_43_P12:NM_05384 Fc receptor	0.95349	0.97145	15.93776	-0.01228	-0.16621	-0.02442
A_43_P11:NM_01322 Ribosomal	0.95342	1.89916	20.20855	-0.13263	-0.27357	-0.07421
A_42_P75:BI294760 Similar to F	0.95338	1.70676	8.41395	-0.14882	0.07556	-0.56993
A_42_P66:NM_14713 ZW10 inter	0.95288	1.03012	11.69786	-0.05082	-0.00827	-0.09046
A_43_P12:NM_01928 Solute carr	0.95283	1.54934	10.04467	-0.39284	-0.09833	-0.35521
A_42_P77:BI281856 Transcribe	0.95281	1.25649	17.97907	0.21963	0.06582	0.1628
A_42_P77:BG379348 Ajuba hom	0.95279	2.28078	11.86134	-0.47692	-0.12635	-0.91207
A_42_P56:NM_07861 Ribosomal	0.95267	2.05793	19.0062	-0.77283	-0.25196	-0.20061
A_42_P52:AI070558 Transcribe	0.95265	1.15804	9.46554	0.0534	0.0644	0.00875
A_43_P10:AW535890 Similar to N	0.95246	1.58	17.53184	0.23702	-0.13169	0.12463
A_43_P15:CB545144 Ribosomal	0.9523	1.76613	21.17494	-0.26399	-0.37906	-0.14867
A_42_P74:AI145348 Similar to h	0.95229	1.72316	11.99927	-0.52841	-0.53673	-0.46698
A_43_P11:BQ209028 IMP (inosin	0.95215	3.1116	22.35038	0.01331	-0.52734	-0.13933
A_43_P10:CA507463 Similar to n	0.95213	1.13031	12.33085	-0.15043	-0.30591	-0.42846
A_43_P12:NM_03168 Ubiquitin A	0.95208	1.21916	15.73565	0.04484	-0.1681	-0.02374
A_43_P14:NM_01715 Ribosomal	0.95199	2.04646	18.23464	-0.19956	-0.50529	-0.16454

A_42_P65	BQ781440	Similar to r	0.95197	2.07919	18.2181	-0.70005	-0.34994	-0.35474
A_43_P14	NM_05356	Nuclear RN	0.95144	1.22816	14.95213	-0.1896	-0.20765	-0.29061
A_43_P12	NM_03110	Ribosomal	0.95112	1.6203	19.28402	-0.49687	-0.35581	-0.17968
A_43_P11	BQ208613	Dual specif	0.95097	0.54501	9.46721	-0.05639	0.00373	-0.10037
A_43_P18	AI145455	Ribonuclea	0.95089	0.82521	11.5875	-0.10763	0.1772	0.00183
A_42_P81	AA818801	Data not fo	0.95082	3.03628	26.68244	-0.4552	-0.1451	-0.5686
A_42_P71	NM_01313	Annexin A5	0.95068	2.62204	21.67981	-0.20591	0.21784	0.02507
A_42_P69	BG666084	Transcribe	0.95058	1.32114	16.17864	-0.22704	-0.01571	-0.21578
A_42_P60	NM_01320	Carnitine p	0.9505	2.24613	16.50434	-0.04682	0.20628	0.25213
A_42_P81	AW523762	Similar to n	0.95039	1.06686	11.77763	0.00804	-0.31466	-0.23836
A_42_P53	NM_01990	Annexin A2	0.95035	2.30056	12.09718	-0.33115	-0.03122	-0.05848
A_43_P14	AI233262	Importin 4	0.95034	1.42823	17.67531	0.0342	-0.15028	0.58391
A_42_P49	NM_02175	Nucleolar p	0.9503	1.90239	21.68969	0.22309	0.47008	0.30714
A_42_P59	AI717054	Transcribe	0.9496	1.84883	18.25624	-0.50768	-0.37749	-0.25384
A_42_P49	AI233309	Similar to F	0.9494	1.26672	10.56234	-0.65687	6.90E-04	-0.18733
A_42_P45	AI171953	Glutamate	0.94937	0.98705	11.92293	-0.14999	-0.25935	-0.1806
A_43_P11	BQ200565	Proteolipid	0.94921	1.56013	13.63219	-0.02961	-0.02945	-0.05183
A_43_P17	BI280250	Inositol pol	0.94904	1.14397	10.11556	-0.4897	0.06931	0.03845
A_42_P55	AW521764	Similar to F	0.94891	1.4861	8.51779	-0.50249	-0.39008	-0.46602
A_43_P11	NM_01705	Bcl2-assoc	0.94885	1.57112	8.54015	0.02654	-0.04191	-0.33573
A_43_P11	BQ207009	Eukaryotic	0.94877	0.91091	10.00891	0.04722	-0.14368	-0.18028
A_42_P73	BE112902	Similar to E	0.94849	1.27814	14.44062	-0.38507	-0.19005	-0.13216
A_43_P13	NM_08069	Dynein ligh	0.94843	0.74814	9.76013	0.02852	0.01491	0.09294
A_42_P75	NM_13352	Nucleoside	0.9483	1.3762	19.70792	-0.53423	-0.2118	-0.22064
A_42_P77	BQ208710	Transcribe	0.94816	1.04787	10.0057	-0.28845	-0.35526	-0.07204
A_42_P77	XM_57469	Similar to G	0.94806	1.72366	13.2855	-0.19238	-0.2973	-0.09939
A_43_P14	NM_02251	Ribosomal	0.94804	1.21905	13.11012	-0.24131	-0.34752	-0.10988
A_42_P78	AA892348	Cytochrom	0.94785	3.02704	18.18523	0.05971	0.20979	0.0668
A_42_P71	BI303640	Phosphoer	0.94765	1.23218	16.94136	-0.01534	-0.06784	-0.005
A_42_P68	AW523737	Similar to S	0.94728	0.95168	10.68165	-0.31805	0.14278	0.09294
A_43_P14	AA955326	Data not fo	0.9472	2.07528	21.00431	-0.63468	-0.31268	-0.25242
A_43_P23	BF558699	Data not fo	0.9472	1.17297	12.15665	-6.70E-04	-0.20226	-0.10448
A_43_P12	NM_03205	Eukaryotic	0.94715	0.9256	13.47996	-0.11883	-0.13308	-0.1637
A_42_P54	NM_02259	Telomeras	0.94711	1.63349	10.13153	-0.62064	-0.17553	-0.20599
A_42_P79	AI170067	Transcribe	0.94672	0.78965	12.81395	0.06631	0.05076	0.2218
A_42_P69	AW528454	Similar to h	0.94657	1.36438	9.93172	-0.18526	0.1419	-0.17389
A_42_P49	NM_02251	Ribosomal	0.94649	1.39038	18.77818	-0.24549	-0.23233	-0.03858
A_43_P10	BQ209257	Data not fo	0.94642	0.6544	7.82691	-0.18284	-0.02372	-0.17665
A_42_P81	BQ782988	Similar to H	0.94628	1.52986	20.03666	-0.25018	-0.25373	-0.26077
A_43_P16	BF408957	Similar to e	0.94618	0.82292	8.09981	-0.07843	0.04309	-0.10343
A_42_P76	AW527440	Transcribe	0.94598	1.5035	8.63892	-0.01895	-0.34552	-0.47454
A_42_P54	NM_02240	Acidic ribos	0.94577	1.93944	15.15083	-0.39956	-0.236	-0.55164
A_42_P78	AI178573	Similar to r	0.94572	1.44007	15.6925	-0.51825	-0.28532	-0.53023
A_42_P81	AW435480	WD repeat	0.94563	2.10316	10.81917	-0.12224	-0.26136	-0.57985
A_43_P10	CB547613	Transcribe	0.94549	1.01148	11.81586	-0.02442	0.01455	-0.02034
A_42_P53	AI103647	Tryptophar	0.94528	1.44354	16.25601	-0.39663	-0.40626	-0.47104
A_43_P14	BU758374	Similar to F	0.94525	0.68882	11.16146	-0.02936	0.15258	-0.09745
A_43_P14	CA506982	Transcribe	0.94484	1.23588	16.7338	-0.13683	-0.1835	-0.12472
A_42_P54	BG666872	Ribosomal	0.94453	1.77675	17.58889	-0.22017	-0.16596	-0.14403
A_43_P13	NM_05398	ADP-ribosy	0.94444	1.00948	8.78601	-0.03744	0.02369	-0.20723
A_43_P10	CA504956	Protein tyrc	0.9444	0.9819	8.84223	-0.12133	-0.11074	-0.02732
A_42_P59	NM_13360	Eukaryotic	0.9444	1.28718	7.91337	-0.06335	0.31289	-0.0553

A_42_P58	AA997364	Similar to 2	0.94434	1.33018	19.56279	-0.03919	-0.03768	0.15962
A_42_P67	BF412594	Processing	0.94417	1.13623	10.54675	-0.10529	0.08201	0.16904
A_42_P65	BQ207659	Transcriber	0.94416	0.97245	9.35491	-0.31881	0.2683	-0.27047
A_42_P51	NM_02271	Major vault	0.94411	0.92853	18.33665	-0.12681	-0.28976	-0.26817
A_43_P11	NM_01716	Stathmin 1	0.94401	1.75678	16.36125	-0.09423	0.29054	0.07784
A_42_P56	BF282088	Transcriber	0.94387	2.11433	20.11669	-0.26179	-0.13549	-0.25572
A_43_P11	NM_01922	Coronin, ac	0.94382	0.79924	13.31187	-0.35287	-0.05317	-0.11414
A_42_P50	NM_01715	Ribosomal	0.94381	1.87254	18.3026	-0.34012	-0.45771	-0.16214
A_43_P14	AI029364	Tyrosyl-tRN	0.94377	1.59164	21.24914	-0.14169	-0.54642	-0.27637
A_43_P10	BM389757	ATPase, H	0.94367	1.75785	11.63824	-0.32844	-0.06783	-0.30363
A_42_P65	AI102591	Small nucle	0.94322	1.53285	9.68215	-0.99624	-0.15378	-0.11039
A_42_P78	NM_13340	Protease, ε	0.94303	1.50475	14.28403	-0.0569	0.195	-0.05847
A_43_P17	BE112202	Arrestin do	0.94279	0.88499	10.69573	0.07423	-0.10176	-0.01014
A_43_P16	AW530773	Tumor prot	0.94235	0.94156	17.13445	-0.21288	-0.04605	-0.03679
A_43_P15	NM_02217	Hexokinase	0.94197	1.78431	15.66386	-0.39988	-0.56392	-0.22896
A_43_P10	BM387285	Adaptor-rel	0.94187	0.87529	12.08129	0.05121	-0.276	-0.0555
A_42_P82	NM_03104	Glycogenin	0.9418	1.37871	9.17049	-0.02041	0.00357	-0.09255
A_43_P10	BU760396	Similar to M	0.94164	1.41192	14.71235	-0.445	-0.14059	-0.54052
A_43_P14	AI171953	Glutamate	0.94154	1.11339	12.99187	-0.50563	-0.24115	-0.11863
A_42_P49	BG375338	Transcriber	0.94153	1.81798	17.26599	-0.29879	0.06999	-0.14362
A_42_P63	NM_03197	Cold shock	0.94152	0.67233	9.62206	-0.23607	0.03497	-0.20452
A_42_P58	BQ078948	Mitochondr	0.9414	1.15004	10.50743	-0.2834	0.04462	-0.07496
A_42_P65	BQ198825	Transcriber	0.94134	1.12325	14.62091	-0.14327	-0.10707	-0.26272
A_42_P57	BG378435	Torsin fami	0.94089	1.56302	11.75038	-0.60147	-0.00162	-0.14044
A_43_P10	BE108850	Similar to d	0.9402	0.84143	11.52122	-0.03313	-0.16368	-0.11596
A_43_P15	NM_03182	Polo-like ki	0.94016	1.16243	15.08359	0.22935	0.03473	0.0156
A_42_P77	BE118606	Cytochrom	0.93997	1.11643	9.88834	-0.08126	0.24931	0.15903
A_43_P14	NM_03110	Ribosomal	0.93939	1.50012	13.55348	-0.40692	-0.15775	-0.2367
A_43_P12	NM_03100	Aldo-keto r	0.93931	1.23589	15.04245	-0.16569	-0.36704	-0.11499
A_42_P73	NM_13444	Protein kin	0.93918	2.15837	29.33155	-0.77798	-0.66162	-0.79964
A_42_P46	AA818684	General tra	0.93915	0.85836	8.7669	-0.01005	-0.15349	-0.026
A_43_P14	AI231047	Similar to F	0.93906	0.83942	11.56459	-0.09648	-0.1488	-0.04358
A_42_P84	AA923941	Transcriber	0.93898	1.08308	9.85768	-0.12453	0.01287	-0.2733
A_43_P16	BI275243	Pelota horr	0.93888	1.06287	16.57305	0.2776	0.17641	0.27666
A_42_P67	BM385276	ATPase far	0.9385	0.83802	16.74584	0.18573	0.01448	0.03729
A_42_P67	AA998145	Rho guanir	0.93833	1.10763	9.13185	0.01217	0.09766	0.10829
A_43_P11	BF417274	Chaperonir	0.93832	0.81489	8.99632	-0.00228	-0.02056	0.15016
A_43_P13	NM_13908	Ribosomal	0.93805	1.79088	14.52751	-0.34005	-0.44638	-0.22202
A_42_P66	NM_13340	ATP-bindin	0.93777	2.13018	9.08886	-0.09846	0.20157	0.03658
A_42_P70	BE116962	Transcriber	0.9374	2.36383	8.52573	-1.33534	-0.1592	-0.66718
A_43_P10	AW915841	U1 small ni	0.93721	1.36457	13.2287	-0.47282	-0.32677	-0.13577
A_42_P67	NM_03198	Syndecan I	0.93713	0.911	9.51442	-0.34839	-0.07442	-0.13889
A_42_P47	NM_03111	Ribosomal	0.93701	1.61566	13.9404	-0.52565	-0.27073	-0.05182
A_43_P12	NM_02252	CD151 ant	0.93698	0.74691	12.55024	0.01081	-0.03995	0.03526
A_42_P69	AI231451	Similar to F	0.93694	1.56734	9.81172	-0.30208	0.33497	0.01366
A_43_P11	BE109711	Lymphocyt	0.93691	0.72033	10.1912	-0.06802	0.24135	-0.00707
A_42_P54	BQ204488	Data not fo	0.9369	1.11347	9.24612	0.17384	0.17231	-0.04119
A_43_P15	BQ191867	Similar to 6	0.93674	1.68354	14.81883	-0.25874	-0.40344	-0.28567
A_42_P53	BF555840	Transcriber	0.93656	0.8079	8.66305	-0.24454	0.05641	-0.1225
A_43_P15	U21719	DEAD (Asp	0.93618	1.19153	12.66562	0.12711	0.48381	0.21828
A_43_P12	NM_03103	Glia matur	0.93614	1.52287	8.92428	-0.15987	0.19053	-0.02389
A_43_P10	AI176346	Transcriber	0.93589	1.33912	13.68477	-0.22054	-0.30032	-0.11675

A_42_P72	AW919226	Similar to S	0.93568	1.42532	9.19462	-0.31778	0.0456	-0.2589
A_42_P73	L06238	Platelet del	0.93568	2.16262	15.25056	0.50217	0.22753	0.09874
A_42_P64	BI277607	Aspartyl an	0.9351	0.88563	14.01675	-0.28064	-0.06743	-0.31928
A_43_P14	BQ211362	Tubulin, ga	0.93496	0.70185	8.9611	0.09249	-0.20317	-0.19057
A_43_P14	AI235480	Similar to F	0.93496	0.83829	14.50836	-0.21337	-0.15987	-0.16336
A_43_P10	CA512849	Transcribe	0.93496	1.63561	18.96838	-0.07451	0.05969	-0.14905
A_42_P50	AW920161	Replication	0.93476	1.61785	8.4214	-0.56917	0.22486	-0.49634
A_43_P15	NM_13854	Expressed	0.93473	1.01366	13.34155	-0.24343	-0.04356	-0.10962
A_43_P23	BG153336	SWI/SNF r	0.93463	0.53488	9.59439	0.02659	-0.05019	-0.00606
A_43_P11	NM_01322	Ribosomal	0.93425	1.11891	15.90594	-0.42268	-0.3244	-0.06521
A_43_P12	NM_03206	RalA bindir	0.9339	0.8731	11.49012	0.02311	0.08532	-0.03757
A_43_P11	BQ201703	Laminin, al	0.93386	2.03869	10.58909	0.31218	-0.20598	-0.72812
A_42_P67	NM_13041	Coronin, ac	0.93385	1.71232	12.64138	-0.74004	-0.24785	-0.44628
A_43_P11	NM_01287	Ribosomal	0.93366	1.35062	13.23855	-0.24145	-0.34848	-0.0218
A_42_P65	BQ191778	Similar to F	0.93358	0.80292	9.88365	-0.15704	-0.18356	-0.13111
A_43_P10	AW433595	Protein kin	0.93357	1.03007	7.03993	0.03919	-0.08495	-0.62562
A_42_P49	NM_00101	Similar to F	0.93355	2.03972	10.18818	-0.43203	-0.11752	-0.50313
A_43_P15	NM_01715	Ribosomal	0.93347	1.14751	12.43997	-0.15755	0.04222	-0.2812
A_43_P15	BQ198768	Guanine nu	0.93347	0.7476	8.72902	-0.05202	0.08868	-0.10394
A_42_P67	NM_05346	Transmem	0.93319	0.74957	10.24426	-0.16018	-0.20389	-0.1764
A_42_P52	M34136	Tropomyos	0.93286	0.83114	7.915	0.03013	-0.03675	-0.08946
A_42_P67	NM_03101	5-aminoimi	0.93281	0.76498	8.70468	0.04169	0.20102	-0.02899
A_43_P16	AI169285	Similar to C	0.93278	0.62444	11.76298	0.08583	0.07965	0.02812
A_43_P14	BE104361	Structure s	0.93263	0.90991	10.39568	-0.50443	-0.08113	-0.20456
A_43_P11	NM_01310	FK506 binc	0.9325	0.95879	9.51434	-0.37642	-0.0892	-0.03495
A_42_P48	AI237388	Interferon-r	0.93248	0.89975	10.78767	-0.20786	0.09881	-0.21158
A_43_P22	AI703676	Data not fo	0.93243	1.09015	12.52602	-0.43194	-0.2837	-0.13949
A_43_P11	AW535184	RNA bindir	0.93222	0.55228	9.36863	-0.0704	0.07084	-0.03205
A_42_P60	NM_03110	Ribosomal	0.93184	0.90422	10.67877	-0.24802	-0.32456	-0.0782
A_42_P54	BQ209793	Heterogen	0.93176	0.80657	9.55497	0.03806	0.28034	-0.07673
A_43_P11	BU759721	Tripartite r	0.93175	1.17068	7.86938	-0.46719	-0.0327	-0.04382
A_43_P13	NM_13908	Cell growth	0.93173	1.35776	10.25121	-0.09515	-0.18177	-0.30208
A_43_P12	NM_02251	Ribosomal	0.93165	1.5757	11.28593	-0.27665	-0.11413	-0.51708
A_42_P49	BF419062	Similar to h	0.93138	1.07958	10.39093	-0.08352	0.15244	0.05621
A_42_P81	AA892369	Kinesin fan	0.93134	2.23558	18.1613	-0.22742	0.00844	-0.04848
A_42_P74	BF523684	Transcribe	0.93134	0.66674	7.64111	-0.06923	0.10333	0.15292
A_42_P63	BI279841	Similar to f	0.93111	0.87815	10.85087	-0.17532	0.04207	0.09352
A_42_P79	BF544695	Transcribe	0.93094	1.53866	8.97254	0.01675	0.28664	0.1345
A_43_P13	NM_13888	Transcripti	0.93085	0.76125	9.11602	-0.13276	-0.12331	-0.12273
A_42_P53	AI229840	3'-phospho	0.93067	1.67354	12.56162	0.11133	-0.33834	-0.44807
A_42_P77	AI176371	Mammary f	0.93042	0.77551	8.3726	-0.27623	-0.06108	-0.07789
A_43_P14	AI407267	Transcribe	0.93029	0.62853	8.97111	0.15088	0.21243	-0.06632
A_42_P54	BM392139	UDP-Gal:b	0.93028	2.04868	8.41692	-0.12081	0.12022	-0.26978
A_43_P11	NM_01287	Ribosomal	0.93027	1.55584	16.20764	-0.49817	-0.40586	-0.00373
A_42_P46	AI103708	Similar to F	0.93024	0.84387	8.95569	0.05544	-0.00487	-0.02487
A_42_P79	AA858537	Similar to F	0.93022	1.06376	8.3556	-0.02745	0.17214	0.19533
A_42_P72	AW141147	Data not fo	0.93004	1.39629	10.26134	-0.7836	-0.17103	-0.1755
A_42_P80	BM390282	Asparagine	0.92999	1.51956	22.0808	-0.23669	-0.57644	-0.45429
A_42_P55	NM_02267	H2A histon	0.92991	0.79738	9.40859	-0.1035	-0.05098	-0.14055
A_43_P22	AI556905	Transcribe	0.92979	1.39361	10.2746	-0.3494	-0.15915	-0.22723
A_43_P16	AW434259	Similar to C	0.92979	1.02022	12.5539	-0.05685	-0.25787	-0.27777
A_42_P66	AI175038	Similar to 2	0.92956	0.71885	7.86969	-0.34379	-0.0502	-0.13478

A_42_P78: NM_13330 HLA-B-ass	0.92952	1.25457	11.56252	-0.36352	-0.3178	-0.3368
A_43_P14: NM_05388 ATPase, H	0.92949	0.53559	10.8799	0.13948	0.03575	0.02279
A_42_P51: AA944402 Transforma	0.92946	1.18971	7.05669	-0.17464	0.28414	0.05989
A_42_P69: BE112919 Mitochondr	0.92918	0.89744	14.47774	-0.17388	-0.1664	-0.18012
A_42_P67: BE113943 Hypothetic	0.92916	0.94729	7.76821	0.06195	0.11275	-0.33255
A_43_P12: NM_02251 Polypyrimic	0.92902	0.77454	8.13955	-0.40084	-0.04029	0.01636
A_43_P22: BE104742 Data not fo	0.92892	0.74743	6.49825	-0.06181	0.27	-0.06584
A_43_P19: CB548312 Similar to F	0.9289	1.23812	10.07639	-0.05369	0.00391	0.02303
A_42_P74: BM383254 Similar to h	0.92865	2.02474	7.49995	-0.72401	-0.58408	-0.10659
A_42_P54: BQ211689 Mitochondr	0.92863	0.66438	8.86487	0.06186	-0.00802	0.06648
A_43_P19: AA946371 Transforma	0.92861	2.6663	24.88512	-0.03062	0.71817	0.32787
A_42_P49: BI291481 Craniofaci	0.92859	0.86436	8.10125	-0.14675	0.24575	0.10563
A_42_P66: BM387518 Similar to L	0.92855	0.78843	6.06371	-0.08221	0.13723	0.02587
A_43_P14: NM_02414 Apurinic/ap	0.92849	0.93957	12.42305	0.09816	0.08472	0.15561
A_42_P67: NM_01283 Cystatin B	0.92837	0.99572	11.95357	-0.33369	-0.20903	-0.06662
A_42_P76: BQ207775 Similar to F	0.92835	4.4455	26.7954	0.58497	0.88636	0.68155
A_43_P15: BE113476 Transcriber	0.92826	1.6858	13.47003	-0.40852	-0.44075	-0.27273
A_43_P19: AI555447 RGD15659	0.92823	1.04086	7.81591	-0.20881	0.0505	0.32313
A_42_P62: NM_02229 Tubulin, al	0.92809	0.86566	7.74762	0.03572	0.13482	-0.14196
A_42_P78: BM385606 Actin relate	0.92795	0.87056	13.10918	0.01337	-0.1112	-0.06385
A_43_P11: AW434065 Inosine trip	0.92782	0.78202	9.7745	-0.07604	-0.29089	-0.22007
A_43_P11: NM_01713 Laminin rec	0.92753	1.4572	11.44075	-0.30965	0.03662	-0.36164
A_43_P15: NM_02223 Protein kin	0.92749	1.32905	16.71081	-0.01754	-0.05102	-0.01944
A_43_P12: NM_02126 Ribosomal	0.92739	1.22175	12.52613	-0.40468	-0.34418	-0.14256
A_43_P15: CA508827 X-ray repai	0.92737	1.34196	14.79451	-0.37179	-0.36077	-0.24638
A_42_P75: AW251852 LSM5 hom	0.92698	0.85319	11.33498	-0.253	-0.14855	-0.09399
A_42_P46: BQ210514 Anaphase	0.92695	0.96844	7.35857	-0.37016	0.00464	-0.34996
A_42_P66: BI285124 Histone 2,	0.9269	1.21574	11.23704	-0.06369	0.05022	0.00719
A_42_P82: BF522334 Small nuck	0.92689	1.38388	14.0986	-0.28313	-0.17139	-0.37578
A_42_P50: NM_13074 Solute carr	0.92684	0.52242	6.97531	0.12604	-0.05873	-0.10765
A_42_P64: BF415417 Kinesin fan	0.92646	1.95622	6.07535	-0.36672	-0.08239	0.16671
A_43_P12: NM_02412 Growth arr	0.92643	2.00588	18.08474	0.30028	0.286136	0.26487
A_42_P81: BQ200974 Transformi	0.92634	1.52083	8.56338	-0.51468	0.37908	0.03256
A_42_P57: AI231170 Transcriber	0.92562	0.97902	9.02126	-0.00227	0.2036	0.30129
A_42_P58: AI706196 Cytoskelet	0.92553	0.6729	13.18702	-0.06211	0.02197	-0.03651
A_43_P12: NM_02415 ADP-ribosy	0.92523	1.05743	13.73834	0.0511	0.27207	0.04459
A_43_P14: NM_01261 Ornithine d	0.92516	1.48949	15.64215	0.01971	0.45126	0.1363
A_42_P53: BM383789 Transcriber	0.92515	0.75615	9.08474	-0.00138	-0.18036	-0.03671
A_42_P64: AI229849 Similar to V	0.92481	0.79766	14.05424	-4.00E-04	0.10767	0.0738
A_43_P10: BI288713 Similar to g	0.92473	2.13447	16.13843	0.10419	-0.10926	0.06359
A_42_P46: NM_01249 Aldolase A	0.92463	1.42785	15.51186	0.24526	-0.00287	0.24697
A_43_P14: AI175038 Similar to 2	0.92463	0.62933	6.97626	0.02554	0.0492	-0.16657
A_42_P75: AI411616 Glycosyltra	0.92462	1.14209	10.87778	-0.45288	-0.10738	-0.10354
A_42_P69: NM_03309 TAP bindin	0.92457	0.84885	8.94734	-0.18803	0.01429	-0.24981
A_42_P64: NM_01917 Carbonyl r	0.92453	1.28765	9.43224	-0.56885	0.00659	-0.03818
A_42_P49: AI237646 Transcriber	0.92439	2.69301	30.43116	0.10959	0.09468	0.08349
A_42_P58: AA848503 Similar to A	0.92409	0.71829	10.29495	-0.07075	-0.37198	-0.10784
A_43_P17: BQ194129 Data not fo	0.92397	1.36958	11.2898	-0.2789	-0.1691	-0.53335
A_43_P18: CB544959 Brain prote	0.92386	0.70982	7.54179	-0.04624	0.17052	0.09667
A_43_P17: AW530405 Makorin, rit	0.92366	0.61572	6.41798	-0.38739	0.14423	0.02194
A_43_P11: CA503603 Transportir	0.92363	0.80201	9.6834	0.04271	-0.039203	-0.09087
A_42_P56: BF284032 Transcriber	0.92349	1.36891	12.79703	-0.20153	-0.03806	-0.07276

A_42_P57	NM_01284	Farnesyltra	0.92327	0.62555	8.01554	-0.02948	-0.05876	0.15639
A_43_P12	NM_05385	Eukaryotic	0.92313	1.40108	13.74736	-0.13068	0.12633	0.29582
A_43_P20	CB548442	RAB30, me	0.92304	2.3044	9.0185	0.05328	0.70052	0.1886
A_42_P51	AI104405	Similar to F	0.92302	0.87035	8.74441	0.23313	0.32474	0.15485
A_42_P47	AI236726	DNA fragm	0.92302	0.84848	6.41323	-0.022	-0.09716	-0.42188
A_42_P65	AI029737	Similar to e	0.923	0.47966	8.53732	-0.00389	0.15645	0.13062
A_42_P67	AA996885	Chemokine	0.92239	1.40091	7.94809	-0.26451	-0.01504	-0.91753
A_42_P72	AI105127	ADP-ribosy	0.92223	0.68502	9.52687	0.15719	0.07196	0.06028
A_43_P14	NM_01937	Tyrosine 3-	0.92215	0.82146	9.22792	0.0445	0.06291	0.0706
A_43_P14	BQ209315	Transcriber	0.92201	2.37563	33.75389	-0.11843	-0.25681	-0.03346
A_43_P18	AW917770	DEAD (Asp	0.92199	1.22751	6.26666	-0.71684	-0.01594	0.05013
A_42_P72	AW434040	Cysteine ai	0.92178	2.88463	21.88461	-0.23721	-0.22191	-0.07236
A_42_P81	NM_05361	Nuclear prc	0.92155	3.57038	37.36677	-0.21976	-0.11347	-0.21961
A_43_P11	NM_01704	Protein phc	0.92146	1.10535	8.94051	-0.14366	0.45801	-0.12926
A_42_P66	BG663343	Transcriber	0.92116	0.64596	9.89218	-0.23675	-0.12155	-0.10019
A_42_P56	BG670800	Data not fo	0.92115	2.28857	9.35762	-0.46667	-0.09178	-0.05126
A_42_P72	AI104569	Menage a f	0.92108	1.38935	11.42228	-0.2432	-0.1461	-0.52145
A_43_P15	XM_21458	Heat shock	0.9207	1.05686	12.89192	-0.15302	-0.14898	-0.12754
A_42_P59	NM_01715	Adenosine	0.92065	1.72602	8.48772	-0.58786	0.13248	-0.0354
A_43_P13	NM_02251	Ribosomal	0.92045	1.41389	14.87507	-0.28009	-0.38961	-0.12159
A_42_P49	BQ208844	Eukaryotic	0.92011	1.16426	7.93367	-0.02676	-0.26291	-0.44549
A_43_P10	BQ208015	Peptidylprc	0.92007	1.28493	9.78015	-0.15473	-0.30978	-0.7237
A_42_P47	AI412064	Amyloid be	0.92002	1.2074	12.236	0.12866	-0.11142	0.00574
A_42_P54	BE108086	Similar to E	0.91998	1.48608	10.7243	-0.0859	0.13132	0.36336
A_42_P63	XM_57457	Deleted in	0.91997	2.74874	18.51994	-0.05444	0.28282	0.1194
A_43_P12	NM_05329	Phosphogh	0.91993	0.54074	7.84699	-0.19625	-0.03042	-0.15641
A_43_P17	CB545223	RIO kinase	0.91982	0.88502	6.48329	-0.30422	0.022	-0.01954
A_43_P12	NM_02258	Metastasis	0.91969	0.663	9.4797	0.22426	0.172176	0.03506
A_42_P67	NM_01306	Ribophorin	0.91935	0.84811	12.55183	0.09958	0.01143	-0.01686
A_43_P15	NM_13075	Citrate syn	0.91916	1.14367	9.37944	0.2132	-0.21322	-0.10432
A_43_P17	BF403197	Phosphoer	0.91901	1.45131	8.13183	-0.45004	-0.14397	-0.27373
A_43_P11	BE107091	Chromodor	0.91869	0.60858	8.39122	-0.07706	0.11088	0.15699
A_43_P17	BQ201849	Similar to T	0.91831	0.87721	7.48103	-0.06402	-0.02753	-0.14555
A_42_P50	NM_01311	Solute carr	0.91808	3.51115	12.07917	1.01195	0.13326	0.76612
A_42_P73	AI229248	Transcriber	0.918	1.9884	10.25731	0.09659	-0.12472	0.07931
A_42_P49	BF389498	Similar to F	0.91797	0.55462	6.10282	-0.07964	-0.14043	0.06227
A_43_P14	BM390820	Vacuolar p	0.91795	0.94925	11.62026	-0.098	-0.05941	0.00162
A_43_P16	AI105088	Similar to F	0.91782	0.58502	6.34732	0.05131	0.10626	0.10888
A_42_P52	BI298478	Transcriber	0.91772	1.66658	20.49065	0.10595	0.50316	0.58277
A_43_P18	BE097770	Leucyl-tRN	0.91767	1.0955	9.38763	0.01806	-0.14218	-0.08567
A_42_P68	NM_17312	Ratsg2	0.91757	2.06935	12.8789	-0.62189	-0.27641	-0.5778
A_43_P23	BF567115	Pannexin 1	0.91747	1.31599	8.14946	-0.30271	-0.14327	-0.61358
A_42_P83	BI285616	Adipose dif	0.91744	1.56634	19.07011	0.02371	0.03923	-0.033
A_42_P79	BQ211400	Pitrilysin m	0.91738	1.47304	12.26966	0.007	0.20391	0.05263
A_42_P66	AA859768	Transcriber	0.91731	1.4243	7.34832	-0.15371	0.26874	-0.18034
A_43_P18	BQ780515	Similar to E	0.91712	1.03324	6.86252	-0.0897	0.1204	0.10793
A_43_P19	AI408960	Pitrilysin m	0.91709	0.91632	8.51316	-0.01547	0.24545	0.15919
A_42_P69	AW915538	RGD15641	0.91693	1.40813	7.89825	0.08017	-0.33868	-0.53955
A_42_P73	NM_05379	Junctional	0.91685	0.89002	8.48472	0.11438	-0.20758	0.15208
A_42_P84	BG376982	Deleted in	0.91675	1.62204	18.27007	-0.20807	-0.38088	-0.28414
A_42_P82	BM384973	Dolichyl-di	0.91663	0.91905	7.88621	-0.2114	-0.02304	-0.26431
A_42_P61	NM_03110	Large subu	0.9166	1.00915	14.5249	-0.31304	-0.14891	-0.04357

A_42_P55:BF558063	Structure s	0.91657	0.71722	7.07864	-0.34963	0.03023	-0.07476
A_43_P16:CA505548	Similar to F	0.91652	0.76278	7.0574	0.23226	-0.03367	-0.02712
A_43_P14:BE107038	Transcriber	0.91645	0.59555	7.75556	-0.01203	-0.12611	0.01585
A_43_P14:BQ211327	Lysyl-tRNA	0.91641	0.78934	8.93332	-0.27154	-0.14863	-0.20953
A_43_P17:CA507679	N-myc (anc	0.91603	0.99184	9.46883	-0.46332	-0.0882	-0.2096
A_42_P66:AI232281	Similar to F	0.91597	1.3869	14.58053	-0.59816	-0.17993	-0.36228
A_43_P12:NM_05361	Nucleopori	0.91579	0.74201	6.36439	-0.10216	0.07965	-0.25751
A_43_P10:BI289351	Mitogen-ac	0.91579	1.08215	12.87158	-0.11943	-0.05716	-0.03253
A_43_P17:BM388494	RNA bindir	0.91578	0.94099	9.02709	-0.47271	0.04487	-0.22115
A_43_P15:AI502470	CDNA clon	0.91563	1.48773	13.04955	-0.2124	-0.58433	-0.04817
A_42_P61:BI302561	Cytochrom	0.91555	1.46168	13.6357	-0.30986	0.15073	0.28206
A_42_P49:NM_05333	Ribosomal	0.91553	1.42678	13.32973	-0.18194	-0.45411	-0.30307
A_42_P83:AA818945	SEC13-like	0.91539	1.14431	9.55765	-0.41342	-0.01582	-0.4019
A_42_P53:BM382987	LSM4 hom	0.91536	0.66051	9.12469	-0.25923	-0.13835	-0.13462
A_42_P53:BI287856	Transcriber	0.91523	0.68843	8.0424	0.15222	-0.07178	-0.05076
A_42_P80:AI230472	Similar to V	0.91513	2.28179	17.74639	-0.00305	0.25846	0.00482
A_42_P79:AI600178	Similar to F	0.91512	1.15517	10.00178	-0.19762	-0.25053	0.14512
A_42_P45:NM_13934	Receptor-ir	0.91509	1.55261	9.10601	0.09068	0.40791	-0.58026
A_42_P47:AA924717	Transcriber	0.91501	0.89503	8.57356	0.06208	0.36086	0.18016
A_43_P16:AI408613	Adaptor pr	0.91494	0.63378	9.42113	0.09102	-0.10719	0.00125
A_42_P71:BG372885	Similar to s	0.91491	0.99897	9.97777	-0.2157	0.01156	-0.26952
A_43_P14:BI291481	Craniofaci	0.9148	0.65866	8.1708	0.10298	-0.00386	0.12257
A_43_P12:NM_03151	Janus kina	0.91476	1.00716	6.75646	0.0393	0.04054	-0.60475
A_42_P49:AI136871	Transcriber	0.91472	1.26087	10.3819	-0.26411	-0.27899	-0.60916
A_42_P53:BI290649	Transcriber	0.91469	1.2553	8.80326	-0.57232	-0.17645	-0.30196
A_42_P64:AA799567	Transcriber	0.91448	1.52029	11.13516	-0.12869	0.17229	-0.59123
A_42_P75:NM_15293	Translocas	0.91438	0.82032	9.17056	0.15389	0.06747	0.06529
A_43_P12:NM_03110	Ribosomal	0.9143	1.00533	15.22593	-0.21704	-0.06861	-0.19852
A_43_P22:BE119004	Leucyl-tRN	0.91424	1.41244	8.01797	-0.42216	-0.52959	-0.69471
A_42_P76:AI232065	Rho GTPa:	0.9142	0.9681	9.47938	-0.20063	-0.01592	-0.4186
A_43_P12:NM_03111	Ribosomal	0.91409	1.38685	13.76542	-0.30846	-0.45073	-0.08089
A_43_P13:NM_13441	CDK105 pr	0.91394	0.81209	9.41325	0.01661	0.13329	0.03814
A_42_P70:BG672161	Unknown (	0.91392	0.45684	9.17118	0.07121	-0.05499	0.0243
A_42_P70:AA892763	Transcriber	0.91385	0.97386	6.09243	-0.2696	0.65254	0.22523
A_43_P14:NM_02259	Transketok	0.91372	1.42209	18.39668	0.23984	0.05674	0.15813
A_42_P76:BG376364	Data not fo	0.91356	0.53319	7.02986	-0.02134	-0.19937	-0.18359
A_43_P14:NM_01259	Lactate del	0.91345	2.10551	17.03953	-0.55298	0.13901	-0.31264
A_42_P80:AI599501	Transcriber	0.91301	1.6565	7.28182	-0.23184	0.52772	0.20271
A_43_P12:NM_01938	Stromal ce	0.91297	0.57374	9.72442	-0.07905	0.00138	0.03144
A_42_P75:NM_01270	Proteosom	0.91293	1.64082	13.5286	-0.29746	-0.20322	-0.47861
A_42_P77:BM389379	Similar to c	0.91286	0.63626	9.24054	-0.23826	0.00885	-0.09756
A_42_P63:AA818091	Similar to F	0.9128	0.82959	6.7448	-0.42036	0.01469	-0.14587
A_43_P16:BQ782983	Similar to S	0.9128	0.89894	10.56146	0.05263	0.26009	0.10296
A_42_P57:NM_01308	Heat shock	0.91264	2.53131	18.25713	-0.91411	-0.71514	-0.74817
A_42_P63:AI411073	Transcriber	0.91251	1.29542	10.2243	0.52023	0.20737	0.3997
A_43_P12:NM_02220	Unc-5 hom	0.91241	1.58103	7.23057	-0.08967	0.16268	0.46551
A_43_P11:BG381482	Programm	0.91214	0.76485	9.83161	-0.10225	-0.03486	-0.06513
A_43_P16:AW916035	Uridine mo	0.91214	1.7675	5.76385	-0.21397	-0.02419	-0.80937
A_42_P64:BQ211785	Similar to s	0.9121	1.08128	7.42427	-0.20911	0.00121	0.05668
A_42_P52:BE110525	Transcriber	0.91205	1.09615	7.15785	-0.68579	0.01922	-0.35387
A_42_P55:BM385279	Transcriber	0.91182	0.67532	8.39656	0.1611	0.1479	0.12816
A_42_P51:NM_03158	Neuregulin	0.91177	3.34397	8.33718	-0.74582	1.26578	0.80478

A_42_P73	NM_03167	Napsin A a	0.91176	0.96826	10.44807	-0.1285	-0.17053	-0.14719
A_42_P56	BF395615	APG16 aut	0.91147	0.53431	5.95403	-0.17794	0.0725	-0.007
A_43_P11	NM_01321	Aldo-keto r	0.91134	3.59628	43.77767	0.01725	0.15615	0.09464
A_42_P56	NM_13891	F-box only	0.91124	0.79053	8.42498	-0.07245	0.12487	-0.29531
A_42_P66	BQ201936	Pleckstrin f	0.91123	2.49294	9.91985	-0.69735	-0.19181	-0.5643
A_43_P11	BE115614	FK506 binc	0.91116	0.81879	11.11939	-0.25625	-0.14371	-0.22536
A_42_P45	AI176913	Phosphogl	0.91101	1.46741	10.5214	-0.2972	-0.15816	-0.08428
A_43_P16	AI010314	Eukaryotic	0.91079	1.08654	9.13851	-0.2001	0.20438	0.30733
A_43_P14	U01914	A kinase (F	0.91066	0.55297	8.31862	-0.04408	0.00341	0.00794
A_42_P67	BQ206176	DEAH (Asp	0.91045	0.58614	7.81769	-0.049	-0.03192	0.02004
A_43_P15	BM389791	Similar to N	0.91037	0.70293	12.4208	-0.25122	-0.25867	-0.17115
A_42_P72	BF543500	SGT1, sup	0.91022	1.35336	13.34052	-0.58196	-0.46557	-0.38743
A_43_P16	AI171636	CDC42 effe	0.91021	1.38726	7.18089	-0.36454	-0.35764	0.15367
A_42_P81	BI295563	Nephronop	0.91002	1.12938	10.24853	-0.11597	-0.03063	-0.44822
A_42_P66	BF555121	RGD15662	0.91001	1.30086	8.55327	-0.25464	0.01621	0.06766
A_42_P73	BQ208103	Similar to 1	0.90992	0.87491	7.43359	-0.11248	0.11368	-0.03446
A_43_P14	CB547619	Hypothetic	0.90992	0.79417	6.76559	-0.11746	-0.15495	-0.33641
A_43_P14	BI303540	ADP-ribosy	0.90979	0.83983	12.23474	-0.22226	-0.02336	-0.18803
A_43_P10	CB544308	Similar to ti	0.90961	0.85767	6.62241	-0.20135	-0.34808	-0.00186
A_42_P59	BE115510	RNA bindir	0.90947	1.0477	7.86243	-0.40867	-0.30612	-0.1173
A_42_P77	AI408519	CD97 antig	0.90934	1.18128	14.01349	-0.4719	-0.03906	-0.28315
A_42_P65	BM390476	Transcriber	0.90926	0.92643	6.84239	-0.10507	-0.1849	-0.12542
A_42_P65	AA957411	Ankyrin rep	0.9092	0.90553	11.46673	0.00261	-0.10022	-0.1512
A_43_P13	NM_13341	Dyskeratos	0.90906	0.80213	7.98783	-0.07517	-0.04585	0.22625
A_43_P18	BQ206789	DEAD (Asp	0.90905	1.05841	8.29356	-0.05058	0.48975	0.16662
A_42_P46	BQ205846	MMR_HSR	0.90901	1.31898	6.71831	-0.48033	0.68343	0.34024
A_42_P69	NM_01261	Ornithine d	0.90899	1.95192	21.41749	0.26305	0.12294	0.11047
A_42_P54	BI275669	Similar to F	0.90893	1.02044	8.87494	-0.75264	-0.08003	-0.09792
A_42_P65	AI576196	Glutaminyl-	0.90886	1.79843	9.33645	-0.89926	-0.46356	-0.66463
A_42_P65	BM384975	Similar to h	0.90858	1.21159	10.88972	-0.19901	-0.40751	-0.64806
A_42_P79	AW434935	Similar to L	0.90827	1.20585	9.59634	-0.39256	-0.272	-0.12585
A_43_P10	BQ208294	Transcriber	0.90826	1.02273	7.70327	0.24793	0.12049	-0.09862
A_42_P79	CA508967	Transcriber	0.9082	1.14366	9.47568	-0.48344	-0.04622	-0.14741
A_42_P82	BF395086	Similar to n	0.90812	0.58595	7.52722	-0.17769	0.08658	0.08382
A_42_P66	BQ201574	Similar to h	0.90809	1.05542	7.28874	-0.47053	0.17429	-0.00793
A_43_P21	CB546402	Transcriber	0.90801	2.1994	10.62655	-0.6385	-0.46681	-0.90582
A_43_P12	NM_02222	Legumain	0.90799	1.31801	9.57911	-0.17381	0.02427	-0.31042
A_43_P10	CA509996	Eukaryotic	0.90798	0.79628	9.09153	0.22581	0.03141	-0.01851
A_43_P22	CB547298	EH-domain	0.90738	0.7943	12.51617	-0.14781	-0.02382	-0.01582
A_43_P15	NM_02222	Phosphotri	0.90729	2.11767	9.29312	-0.04536	0.34966	-0.87756
A_43_P12	NM_03207	DnaJ (Hsp	0.90725	0.69231	6.73153	0.12163	0.169427	0.06998
A_43_P17	AW523768	Similar to F	0.90681	0.80312	9.62892	-0.25239	-0.02777	-0.26736
A_42_P52	NM_03184	Farensyl di	0.90662	1.45537	13.38944	0.2752	0.38456	0.32161
A_42_P46	NM_01922	Solute carr	0.90647	0.99419	6.76836	0.10316	-0.13826	0.09005
A_42_P67	AI228696	ADP-ribosy	0.90647	0.66975	11.0669	-0.05802	-0.19479	-0.162
A_42_P63	BE102819	Potassium	0.90647	0.9028	8.43302	-0.37958	0.08051	-0.08155
A_42_P47	AI013756	Exportin 6	0.90644	0.59518	7.16781	-0.22793	0.13846	0.08594
A_42_P81	BF403827	Transcriber	0.90639	0.9708	9.12144	-0.25262	0.01632	-0.14627
A_42_P55	AW252115	Similar to F	0.90621	0.85412	6.122	-0.28809	0.03061	-0.1199
A_42_P63	AI233846	Similar to S	0.9062	0.621	5.47663	-0.11676	-0.25353	-0.03221
A_43_P10	BE109586	Similar to h	0.90608	0.92177	7.74568	-0.20037	0.45277	-0.05317
A_42_P45	AI407065	Data not fo	0.90606	1.66541	15.48868	0.42363	0.22251	0.6107

A_42_P60	BG373980	Similar to n	0.90568	0.90745	11.62321	-0.35176	-0.28868	-0.13017
A_42_P76	NM_01935	Calponin 3	0.90564	1.42075	12.13292	0.01802	0.35858	0.37063
A_43_P13	NM_13910	Ribonuclea	0.90552	0.89255	9.41325	-0.22621	-0.40902	-0.23929
A_42_P81	NM_01717	Choline kin	0.90543	0.76596	8.57776	-0.02292	0.18309	0.19013
A_43_P17	CB545026	Adipose dif	0.90538	1.29182	12.98883	0.0523	-0.21013	-0.20196
A_43_P11	BQ194086	Similar to F	0.90534	0.62873	7.00415	-0.27121	0.04689	0.04208
A_42_P63	BI303635	Similar to F	0.90518	0.4793	9.26212	-0.00168	0.03379	-0.03825
A_43_P10	CA340300	Similar to F	0.90509	0.98955	7.92144	-0.30739	-0.05331	-0.10899
A_43_P10	AI233916	RGD15616	0.90489	0.9835	9.53279	-0.03054	-0.24784	-0.25556
A_42_P72	BF282034	Similar to L	0.90471	0.87065	7.63246	-0.05027	0.29243	0.16774
A_42_P46	BM389289	Ribosomal	0.9047	1.38284	12.47396	-0.75056	-0.31646	-0.23951
A_43_P11	BF555550	Similar to C	0.90456	1.09834	10.64326	-0.29167	-0.33251	-0.33445
A_43_P17	BM384263	Similar to C	0.90447	0.72802	9.78308	-0.19453	-0.18854	-0.29725
A_43_P14	AI229269	Ectonucleo	0.90429	1.78745	12.78752	-0.21388	0.1113	0.02062
A_42_P61	NM_00102	Pseudouric	0.90398	0.61688	5.94145	-0.05408	0.05265	-0.0906
A_42_P82	BI288238	Similar to g	0.90364	0.61806	7.72766	-0.05082	0.05591	-0.16254
A_42_P51	AI409943	Similar to F	0.90357	0.72788	5.08541	-0.32325	0.11867	-0.0907
A_42_P74	AI010117	TPA regula	0.90354	0.61442	6.26588	-0.16501	0.05629	0.02157
A_43_P11	BQ209894	N-acetyltra	0.90352	0.79481	11.4757	-0.23781	-0.4739	-0.16223
A_42_P81	AI234152	Similar to c	0.90304	1.06392	10.99846	0.1348	0.24209	0.3236
A_42_P48	NM_03183	Reticulon 4	0.90301	1.13968	10.03389	-0.50904	0.0464	-0.09923
A_42_P67	NM_01709	TYRO3 prc	0.90296	1.71732	16.32803	-0.16515	0.39498	0.07581
A_42_P55	BQ779847	RNA bindir	0.90279	0.82182	8.37747	-0.2733	-0.04106	-0.18793
A_42_P55	NM_13933	Data not fo	0.9027	0.83287	11.17141	0.13873	0.46107	0.25392
A_42_P54	NM_02250	Ferritin ligh	0.90222	0.61248	7.73666	0.12753	-0.03086	0.08221
A_42_P82	AW251950	Catechol-C	0.9022	1.27965	19.36842	-0.29524	-0.44586	-0.40285
A_42_P48	BI288736	UDP-Gal:b	0.90205	0.87053	14.689	0.16059	0.09609	0.15416
A_42_P55	NM_01714	Cofilin 1	0.9018	1.23728	8.25428	-0.24245	0.24069	-0.16768
A_42_P60	BM388441	Similar to F	0.9018	1.38447	8.34274	-0.49291	0.18534	0.08806
A_42_P67	BG377184	Interferon i	0.90179	0.6613	9.48188	-0.05913	-0.14297	-0.11262
A_42_P58	AA818078	Similar to F	0.90175	0.71817	6.90057	0.00288	-0.05334	-0.1068
A_42_P61	CA507578	Thymine gl	0.90162	0.80498	12.05353	-0.12692	-0.11497	-0.19395
A_42_P70	BF283679	Down-regu	0.90161	0.56402	5.16667	-0.12461	0.08257	0.16785
A_42_P70	AW533698	Similar to p	0.90156	0.83843	6.31597	-0.10524	-0.02953	-0.06653
A_42_P50	AW251686	Hypothetic	0.90152	0.58576	7.82327	-0.06388	-0.0739	-0.05532
A_42_P59	BF408334	Similar to F	0.90137	0.71097	8.74966	-0.22421	-0.12278	-0.07444
A_43_P22	BF406671	Transcribe	0.90135	1.14883	10.88081	0.04247	-0.13166	-0.09979
A_43_P10	CA513423	GPI-ancho	0.90098	0.84067	9.28195	-0.23445	-0.13011	-0.39304
A_42_P50	NM_03156	Nuclease s	0.90085	1.11472	8.93206	0.26958	0.01554	-0.12947
A_43_P11	CA507207	Similar to n	0.90084	1.15676	14.10227	-0.00494	0.06631	-0.32889
A_42_P55	BQ195079	Ceroid-lipo	0.90074	0.83196	9.05514	-0.26473	-0.00632	-0.05572
A_42_P63	AW435424	TNFAIP3 ir	0.90071	0.69797	8.74379	-0.2816	0.04692	-0.01691
A_43_P14	AI169719	Hpall tiny f	0.90069	0.957	10.74894	0.00873	0.06786	0.03947
A_43_P14	BM385724	Similar to h	0.90069	0.91486	11.85282	-0.25125	-0.33954	-0.25211
A_43_P15	NM_13925	Phosphatic	0.90054	0.82422	10.94879	0.10902	0.05046	0.12805
A_43_P12	NM_05346	Protein kin	0.90042	0.87637	6.9014	0.16177	-0.24122	-0.1417
A_43_P20	CB548450	Scm-like w	0.90023	1.11075	9.23957	0.18767	0.239828	0.14839
A_43_P10	BQ209003	Similar to h	0.90017	0.78484	8.13052	-0.0059	-0.06761	-0.22657
A_42_P60	NM_18267	Bystin-like	0.90016	0.62085	6.06248	0.00504	0.00964	0.05981
A_43_P16	BQ204976	Similar to h	0.90015	0.88302	8.59323	-0.11304	-0.23068	-0.19712
A_42_P82	BE120531	Dendritic c	0.90007	1.60918	9.93362	-0.58092	-0.23362	-0.3807
A_42_P78	BF283977	Similar to Z	0.89999	0.7075	7.30541	-0.02005	-0.1713	-0.06046

A_43_P14	BQ207631	Uridine mo	0.8999	1.02947	6.19619	0.02869	0.13454	-0.03084
A_43_P16	AA819660	Secretory c	0.89987	0.56178	7.46583	-0.12389	0.1896	0.06808
A_43_P17	BQ195347	Similar to F	0.89974	1.04724	11.68155	-0.28891	-0.54575	-0.28103
A_43_P12	NM_03353	Eukaryotic	0.89967	1.07025	7.64163	-0.18778	0.0479	-0.29294
A_42_P84	NM_03181	Retinoblast	0.8995	0.8464	6.6281	-0.02118	-0.00437	-0.29615
A_43_P13	NM_13341	B-cell leuke	0.89948	1.85565	12.58439	-1.02257	-0.34577	-0.32783
A_42_P69	NM_17570	Peptidylprc	0.89938	1.78906	13.15126	-0.87563	-0.37437	-0.70332
A_42_P62	BQ191123	Coatomer p	0.89937	0.80155	10.46281	-0.15865	-0.02744	-0.13297
A_42_P79	NM_02251	Ribosomal	0.899	1.41094	12.25855	-0.85393	-0.37598	-0.24512
A_42_P83	NM_01286	O-6-methyl	0.89895	2.02679	22.31821	-0.48558	-0.60997	-0.69216
A_42_P83	BG376347	Procollagen	0.89883	0.60267	10.56723	0.04353	0.133	0.16166
A_42_P48	BQ210321	Transcriber	0.89879	0.75139	8.14046	-0.10777	0.30515	-0.09698
A_42_P52	AW143510	Selenocyst	0.89853	0.92252	8.50803	0.13125	-0.00289	-0.07474
A_43_P14	NM_01723	Hydroxyste	0.89852	1.11092	7.26896	0.14967	-0.24077	-0.71753
A_43_P17	CB547600	Archain	0.89826	1.08588	5.74746	-0.20292	-0.1408	-0.55331
A_42_P79	BF420279	Similar to h	0.89826	1.35273	14.08407	-0.11523	-0.03992	0.00918
A_43_P11	NM_01292	CD44 antig	0.89822	1.47361	7.09883	-0.02462	0.26785	-0.50901
A_43_P11	BE110908	Similar to F	0.8979	1.44348	10.88642	-0.36319	-0.12403	-0.42475
A_42_P81	NM_01937	Tyrosine 3-	0.89783	0.88575	6.59794	-0.02975	-0.02433	-0.12729
A_43_P14	CB547318	Leucine arr	0.8977	0.94529	14.82215	-0.15729	-0.19251	-0.13611
A_42_P51	AI412685	JTV1	0.89758	0.87621	7.58277	-0.15448	0.0428	-0.32082
A_43_P14	AA924133	Tyrosine 3-	0.89749	0.9857	7.68486	0.05876	0.11254	-0.22993
A_43_P10	BF417010	WD repeat	0.89747	0.745	8.27759	-0.10889	0.2299	-0.32702
A_42_P76	AI137330	Transcriber	0.8974	1.3775	10.64188	-0.32487	-0.10194	-0.09466
A_42_P70	BQ190877	Tripartite r	0.89714	0.89132	9.29659	-0.11816	0.09737	-0.05104
A_43_P22	BF408421	Peroxisom:	0.89706	0.80201	10.8993	-0.16487	-0.15113	-0.23227
A_42_P65	BI303371	Asparagine	0.89702	0.68245	8.31024	-0.01336	-0.1959	-0.20705
A_43_P11	CB545382	Adenylosuc	0.8969	0.6776	5.75937	0.05889	0.15126	-0.09731
A_43_P14	AI411057	Coactosin-	0.89689	1.08423	18.44752	0.27255	0.31498	0.28362
A_43_P11	NM_01713	Squalene e	0.89678	2.28155	11.72508	0.72257	0.11197	0.41477
A_42_P75	BE108358	Data not fo	0.89677	0.83729	6.54392	-0.05519	-0.04483	0.22175
A_43_P12	NM_05394	Polymeras	0.89674	0.70783	9.65813	-0.37069	-0.20357	-0.12043
A_42_P69	AI178781	Transcriber	0.89669	1.00716	8.42129	-0.32133	-0.17932	-0.40829
A_43_P14	NM_05346	Transmem	0.89657	0.71682	8.40386	-0.08994	-0.23011	-0.24247
A_43_P17	BQ206676	Similar to F	0.89651	0.59322	13.31064	0.05446	0.09968	0.13826
A_43_P22	CB547460	Similar to a	0.89651	1.35248	7.46836	0.13882	-0.19505	-0.9131
A_43_P16	CB545097	Spectrin be	0.89648	1.09242	6.69119	-0.42508	0.07457	-0.25921
A_43_P17	BF414383	Tyrosyl-DN	0.8963	0.83336	7.1453	-0.29127	0.25781	-0.09286
A_42_P56	BQ192193	Similar to F	0.89616	0.95895	5.12472	0.04094	0.162	-0.30302
A_43_P11	AI044961	Similar to A	0.8959	0.47824	7.09997	0.09251	-0.15209	0.02282
A_43_P13	NM_13354	Myeloid dif	0.89575	1.82238	8.5516	-0.00712	0.61344	0.77407
A_42_P63	NM_13358	Carboxyles	0.89567	0.9511	10.58172	0.23195	0.22704	0.45642
A_43_P11	NM_01284	Epoxide hy	0.89561	2.32568	17.89923	0.24188	0.12703	-0.13023
A_43_P13	NM_13434	RAS relate	0.89554	0.46167	5.90143	-0.06688	0.02687	-0.02685
A_43_P16	AA851230	Similar to 2	0.8953	0.7518	8.27852	-0.10602	-0.01299	-0.15568
A_42_P77	AI229902	Transcriber	0.89499	0.89685	6.29671	-0.91072	0.08204	0.01465
A_43_P10	BQ779944	Similar to h	0.89487	0.92889	6.07784	-0.29914	0.25264	0.05162
A_43_P15	BG664368	Similar to F	0.89481	1.25625	5.92424	-0.35333	-0.1811	-0.49033
A_43_P16	CB605713	Similar to F	0.89456	0.60725	6.54979	0.02786	0.18087	0.03386
A_42_P74	NM_03133	Hypothetic	0.89427	1.11635	12.41587	-0.07533	-0.18991	-0.01156
A_43_P10	BE127441	Seryl-amin	0.89408	0.89401	6.12089	-0.08988	0.13733	0.07529
A_42_P55	NM_03110	Ribosomal	0.89387	1.00575	10.3281	-0.34533	-0.27103	-0.05519

A_42_P67	U33472	Serine/thre	0.89386	0.89618	9.65868	-0.0052	0.25113	0.24038
A_42_P55	BG665156	Data not fo	0.89374	0.8167	6.1325	0.05171	-0.00777	-0.04846
A_42_P64	NM_01296	Glutathione	0.89358	0.66839	9.61804	0.07079	-0.19274	-0.2015
A_42_P82	NM_02250	Protein kin	0.89348	0.82817	12.54427	-0.0751	-0.09769	-0.01052
A_42_P83	BG665395	Similar to S	0.89346	0.80566	9.83095	0.06793	0.41998	0.34735
A_42_P63	AW535942	Mitochondr	0.89336	0.63305	7.70728	-0.2548	-0.17043	-0.18742
A_42_P58	BF282682	Similar to F	0.89278	0.47691	7.36457	-0.15064	-0.10902	-0.03924
A_42_P70	AI411057	Coactosin-	0.89267	0.96091	9.16397	-0.43814	0.00185	0.02937
A_42_P61	AW523520	Zinc finger	0.89266	0.85384	8.90868	-0.116	0.04737	0.11015
A_43_P14	BQ781402	Transcriber	0.89224	0.84332	10.74361	0.05729	0.24061	0.18397
A_42_P63	BC088245	Similar to h	0.89195	0.72616	7.67149	-0.18989	0.16954	0.22113
A_42_P77	BM386830	Bridging int	0.89182	1.23743	9.81485	-0.12367	0.29412	-0.22225
A_43_P16	AI102392	Glutaredox	0.89182	0.55689	6.51224	-0.12921	0.33913	0.10259
A_42_P62	NM_15362	Heat shock	0.89171	0.8772	9.60719	-0.16072	-0.39983	-0.21279
A_43_P11	BQ211607	Similar to h	0.8917	0.74638	6.51004	-0.39682	-0.20772	-0.16143
A_42_P72	AA819650	Similar to b	0.89164	1.00157	9.75692	-0.29734	0.04623	-0.29246
A_43_P12	NM_03111	Sjogren syn	0.8916	0.84721	8.601	-0.38783	0.24474	-0.05337
A_43_P22	CB547319	Similar to C	0.89155	0.84545	5.45647	-0.23642	0.12371	-0.26017
A_42_P59	AI103327	Transcripti	0.89133	1.01219	6.36234	0.03862	-0.30477	-0.93986
A_42_P60	BF282247	Similar to C	0.89128	0.93316	7.77336	-0.56903	-0.1403	-0.26815
A_42_P61	AI236719	N-acetylglu	0.89127	1.65038	6.75214	0.08911	-0.51444	-0.58612
A_42_P75	BF548544	Transcriber	0.89095	0.91607	11.67768	0.19123	0.33342	0.41
A_42_P66	NM_13042	Caspase 1:	0.89093	1.74287	5.5984	-0.30242	-0.01626	0.68326
A_43_P14	BQ202559	DNA seque	0.89079	1.29597	11.41888	-0.19804	-0.04884	-0.46105
A_42_P59	BQ200408	Cystatin C	0.89065	0.93294	8.4907	-0.40969	-0.27928	-0.08827
A_43_P19	CB545213	General tra	0.89043	0.83367	5.9759	-0.08721	-0.09783	-0.13792
A_42_P71	AI229508	Minichromc	0.89027	1.42469	8.56396	-0.63655	-0.12326	-0.42437
A_42_P74	BE100486	DnaJ (Hsp	0.89006	0.77468	9.58756	-0.03148	0.01149	-0.15952
A_42_P62	BF548073	Transcriber	0.89006	0.77994	5.37898	-0.351	-0.08527	0.21725
A_43_P12	NM_02415	Annexin A4	0.88994	0.82805	6.44887	-0.23412	0.48251	0.0754
A_42_P69	BF557889	Similar to z	0.8899	1.14175	7.49587	0.11249	0.22157	0.26985
A_43_P10	CA338243	Aspartyl an	0.88985	1.01833	7.16606	-0.54682	0.06935	-0.13781
A_42_P51	AI102437	Ubiquitin-lil	0.88949	0.73141	6.48279	-0.01913	0.42859	0.31352
A_42_P59	BI274176	Sin3-assoc	0.88941	0.58967	6.07468	-0.19721	-0.09617	-0.09966
A_42_P56	BI303540	ADP-ribosy	0.88931	0.87928	10.95313	-0.15818	-0.22286	-0.15374
A_42_P63	AW251946	Similar to L	0.88931	0.68191	6.39286	-0.17027	0.06056	-0.21932
A_43_P16	BQ196684	Casitas B-l	0.88927	1.48759	9.94318	-0.24539	0.62659	-0.11408
A_42_P51	BG673661	Data not fo	0.88888	1.68785	8.60236	0.31645	-0.63833	-0.51817
A_42_P60	BQ193968	Transcriber	0.88883	1.04799	13.82066	0.2104	0.18924	0.25905
A_42_P59	AA925416	Similar to h	0.88878	1.04398	6.11907	-0.05991	0.305	0.10372
A_42_P78	BF398158	Kruppel-lik	0.88871	1.04069	8.4531	0.08598	0.31182	0.22541
A_43_P16	BF401812	Leucine zip	0.88867	0.89634	12.54688	0.12751	0.10908	0.01921
A_43_P11	NM_01724	Eukaryotic	0.8886	1.10245	13.1995	-0.13588	0.21242	-0.3142
A_42_P49	AI102273	DMT1-assc	0.88857	0.45348	7.69299	-7.70E-04	-0.05357	-0.06833
A_43_P15	AI233452	Similar to c	0.88853	1.44782	7.40189	0.08152	0.15057	-0.32894
A_42_P56	AI409270	Similar to F	0.88841	0.52596	8.13739	-0.06736	-0.07191	-0.11021
A_42_P65	NM_14578	Pregnancy	0.88838	0.53808	4.53395	0.05629	-0.08207	-0.09298
A_43_P15	AI010476	RAS-relate	0.88834	0.71385	7.74496	-0.13453	-0.08293	0.06618
A_43_P10	AI177116	Vasodilator	0.88821	0.80039	7.07907	-0.13451	0.05847	0.06205
A_42_P60	NM_13883	Vacuole m	0.88808	0.93769	14.62415	0.21574	0.24334	0.08527
A_43_P14	AA900111	Phosducin-	0.88802	1.02918	5.49195	0.5838	-0.21318	-0.05474
A_43_P10	BE110722	Coated ves	0.88798	1.13518	10.82166	-0.27435	-0.3527	-0.17971

A_42_P46	BF388753	RGD15603	0.88796	0.84703	9.64522	-0.10624	-0.24089	-0.323
A_42_P66	NM_05343	Flap structu	0.88794	1.34211	13.93498	-0.38946	-0.23958	-0.85081
A_43_P16	BM383323	Tnf receptc	0.88784	0.59475	10.14373	0.16296	0.029	0.01818
A_43_P11	BQ209274	Data not fo	0.88779	0.65558	7.62	0.21234	0.03684	-0.02801
A_42_P55	AW435019	Similar to F	0.8877	0.57974	8.0613	0.22928	0.0083	0.19302
A_42_P47	NM_13926	Hsp70-inte	0.88763	0.68173	6.25988	-0.45386	0.14202	0.12025
A_43_P14	AF120111	Fasciculati	0.88755	0.66884	6.51116	-0.0037	-0.26934	-0.2195
A_42_P71	AW913868	Trafficking	0.88736	0.86667	7.77183	-0.38743	0.1943	-0.22339
A_42_P62	AI010435	Transcribe	0.88663	0.78048	9.43594	0.07596	0.33823	0.36416
A_42_P56	BQ211075	Similar to L	0.88657	1.95327	7.72784	-0.33964	0.00741	-0.91407
A_42_P51	BF287293	Filamin, be	0.88652	0.50884	5.26064	0.00974	0.15239	-0.04111
A_42_P71	AA891571	Similar to h	0.88636	0.99206	7.85401	-0.47829	-0.00781	-0.17334
A_43_P12	NM_02416	Cytochrom	0.88634	0.71571	6.24764	-0.29124	0.13465	-0.11772
A_43_P14	AA955392	Data not fo	0.88619	0.83984	12.15519	0.18333	0.31342	0.4641
A_42_P75	NM_03169	Ribophorin	0.88604	0.58624	9.49188	0.00234	0.0983	0.03446
A_43_P15	NM_01709	TYRO3 prc	0.88589	1.70077	12.87599	0.14503	0.64243	0.17957
A_43_P13	NM_03098	Guanine nu	0.88587	0.93809	9.92055	-0.15403	-0.11869	0.01862
A_43_P17	BE118265	COMM dor	0.88575	0.54514	7.53224	-0.10693	-0.10653	-0.12938
A_42_P72	NM_05370	Hepatoma-	0.88571	0.66817	6.54782	-0.10894	-0.00932	0.08485
A_42_P67	BM392315	Transcribe	0.88565	0.56534	5.22118	-0.04618	0.09545	-0.22709
A_42_P47	AI178025	TG interact	0.88556	0.77353	6.86248	-0.04969	0.09602	-0.03257
A_42_P84	AI385364	Similar to F	0.88518	0.72897	7.54694	-0.23281	-0.04229	-0.08611
A_43_P20	AW526119	Tryptophar	0.88516	0.88503	5.34022	0.19266	-0.1318	-0.58225
A_42_P50	AW523400	ADP-ribosy	0.88511	0.61876	5.1992	-0.22808	0.31622	-0.14697
A_42_P45	BQ191925	Similar to h	0.88499	1.18698	8.49526	-0.34108	-0.07213	-0.28855
A_42_P46	BE101627	Nitric oxide	0.88498	1.39344	15.27849	-0.81622	-0.74057	-0.62486
A_42_P83	BQ202546	Transcribe	0.88484	1.13506	12.39953	-0.37286	-0.0905	-0.31803
A_42_P74	XM_57390	High mobili	0.88466	1.39896	12.56319	-0.72039	-0.51004	-0.38307
A_43_P12	NM_02239	Peptidase (	0.88465	0.55917	7.41778	-0.08322	-0.07524	-0.02025
A_43_P11	CA945782	Similar to g	0.88451	1.00458	10.93147	-0.42185	-0.31915	-0.31119
A_42_P63	NM_03185	Diazepam	0.88446	0.65898	7.42018	0.04354	0.09037	0.11958
A_43_P12	NM_02176	Coatome r	0.88446	0.75459	9.50046	-0.16557	-0.3466	-0.21594
A_42_P47	BU759713	Protein phc	0.88431	0.69702	7.74815	-0.18823	0.22523	-0.04702
A_42_P50	BI297059	IBR domair	0.88412	0.97513	7.92379	-0.08088	0.1756	0.14883
A_42_P66	AI412259	Similar to F	0.88389	1.61029	8.67248	-0.55773	0.15203	-0.42786
A_43_P10	BF548360	Similar to F	0.88343	1.05041	10.11052	0.03205	0.10745	0.14978
A_42_P79	NM_01725	Proteasom	0.88336	0.87269	10.25714	-0.20768	-0.43681	-0.27566
A_42_P49	AW142600	Transcribe	0.88322	0.66043	6.1685	-0.08861	0.18155	0.19163
A_42_P54	NM_17310	Tubulin, be	0.88317	0.80975	5.06115	-0.24645	0.13379	-0.11073
A_42_P83	AA899195	Replication	0.88307	0.52388	7.77608	0.00709	-0.11462	-0.26778
A_43_P16	AA893626	Similar to n	0.88304	0.6578	8.73049	-0.27896	0.00236	-0.24577
A_42_P61	NM_13191	Acidic nucl	0.88263	1.0224	5.84752	-0.17726	0.24044	-0.06422
A_42_P73	BQ189987	Zinc finger	0.88236	0.586	6.86424	0.0487	0.12212	0.164
A_42_P64	BQ209483	Transcribe	0.88226	2.36737	6.97132	-1.35785	-0.33418	0.14514
A_43_P15	Y16641	Hypothetic	0.88222	0.61045	5.94911	-0.00717	-0.29908	-0.11175
A_42_P53	AI227674	Suppressor	0.88213	1.25004	15.316	-0.5126	-0.51537	-0.34588
A_42_P75	NM_03207	Synaptojan	0.88207	1.10002	5.86031	-0.42475	0.38332	0.21322
A_42_P50	BE113365	Similar to F	0.8818	0.83974	6.81142	-0.14348	0.18816	-0.11437
A_42_P80	AI179355	Similar to L	0.8818	0.66419	6.34438	-0.14871	0.02098	-0.14487
A_42_P47	AW532591	A kinase (F	0.88166	1.20622	4.7267	0.2385	0.11105	-0.07871
A_42_P64	AI407898	Immunoglo	0.88157	0.82983	11.6299	-0.19258	0.0231	-0.14886
A_43_P11	BE115624	Similar to ti	0.88132	0.5578	5.31586	-0.26997	0.05191	-0.02372

A_42_P64: BQ781859 Similar to F	0.88127	0.71425	6.953	0.02082	0.26887	0.17879
A_43_P22: BE102370 Hypothetic	0.88125	0.81509	7.81538	-0.28611	-0.33972	-0.22872
A_43_P13: NM_08090 Hypoxia inc	0.88107	0.83526	12.27819	-0.26441	-0.26732	-0.24758
A_42_P49: NM_01288 Vascular c	0.88071	1.94942	16.54284	0.02854	0.53621	0.73314
A_43_P18: BE118455 Mesoderm	0.88058	0.8329	5.57687	-0.48311	-0.01862	-0.02719
A_42_P71: AI138024 Similar to h	0.88057	0.77931	10.29421	-0.35589	-0.03832	-0.16011
A_43_P13: NM_08088 Sterol-C4-r	0.88048	1.87059	29.04228	0.22248	0.28713	0.53602
A_42_P51: BF396479 Nucleopor	0.88043	0.91004	8.31866	-0.39372	-0.02212	-0.53502
A_43_P16: BQ196332 Data not fo	0.88041	0.86595	5.21648	-0.05821	0.22181	-0.1777
A_43_P13: NM_13075 Fibroblast (	0.88033	1.6742	11.44462	0.03901	-0.27797	-0.50995
A_42_P78: AI177008 ARP6 actin	0.88033	0.88887	6.41046	-0.08553	0.23476	-0.5
A_43_P14: BQ779937 Similar to F	0.88019	0.59404	8.03942	-0.09258	-0.06727	-0.27127
A_42_P63: AA891883 Gene trap l	0.88015	0.5405	5.51096	-0.0365	0.20411	0.19594
A_42_P72: BQ208297 Transcriber	0.88013	1.25935	6.89269	-0.16901	0.18265	-0.30885
A_43_P11: AI237073 Interleukin-	0.87997	1.14606	10.28662	0.04986	-0.17106	-0.44168
A_43_P15: NM_02253 Methionine	0.87977	0.48497	6.1627	0.06438	-0.00159	-0.10265
A_43_P13: NM_13074 Protein kin	0.87957	0.68159	10.09319	0.19582	0.40947	0.20291
A_43_P16: BE112800 Processing	0.87938	0.46094	6.12077	-0.12501	0.05268	-0.13005
A_42_P77: BG377140 Three prim	0.87935	0.47407	5.95215	-0.23694	-0.10077	0.17882
A_42_P73: AA858928 Growth hor	0.87922	1.018	12.89646	-0.37829	-0.35402	-0.26332
A_43_P13: NM_08090 ADP-ribosy	0.87921	0.75304	5.91819	-0.1244	-0.02847	-0.16519
A_42_P82: NM_01923 Farnesyl di	0.87909	1.00295	13.26435	0.56322	0.44703	0.50555
A_42_P83: NM_13438 ELOVL far	0.87896	1.60541	7.77234	0.10863	-0.03886	-0.46456
A_42_P80: BE102666 Heme bind	0.87887	1.56942	5.39143	-0.28652	0.03403	-0.70591
A_42_P64: BF414244 Similar to F	0.87838	0.82651	10.89883	-0.33275	-0.33827	-0.41774
A_43_P14: AA998488 Similar to N	0.87837	0.97205	8.17681	-0.65596	-0.07057	-0.18596
A_43_P12: NM_05353 Lysosomal	0.87792	0.66118	7.22057	0.05451	-0.09534	-0.24001
A_42_P64: NM_13910 CD48 antig	0.87791	0.76824	6.54355	-0.4034	-0.02466	-0.01689
A_42_P71: NM_05719 Smu-1 sup	0.87787	0.69184	7.07417	-0.31184	-0.04214	-0.21787
A_43_P12: NM_02398 Baculoviral	0.87777	1.62766	5.69775	0.18866	0.56082	-0.40789
A_43_P10: BE109513 Transcriber	0.87771	0.94212	18.59209	0.05136	0.15779	0.30257
A_42_P59: BG668320 Similar to C	0.87768	0.83159	5.15473	-0.10132	0.32699	-0.37638
A_43_P14: BI286562 MAD2L1 bi	0.87764	0.50189	7.71519	0.04313	0.07607	0.15025
A_42_P59: AI012480 Exostoses	0.87753	0.74662	10.15254	-0.2626	-0.14604	-0.16363
A_42_P71: AW917990 Transcriber	0.87751	1.06442	9.94923	-0.42458	-0.13956	-0.26889
A_42_P59: AI102685 Nucleopor	0.87739	0.62509	6.53555	-0.12557	0.28224	0.43817
A_43_P11: NM_01306 Fatty acid t	0.87729	2.49299	12.78955	-0.41474	-0.6479	-0.67219
A_43_P10: BF563551 Similar to N	0.8771	0.6891	8.54871	-0.24425	-0.04087	-0.09986
A_42_P76: AI410240 Transcriber	0.87689	0.48574	7.78782	-4.80E-04	-0.09447	-0.04526
A_42_P61: BF546424 ATP-bindin	0.8767	0.77622	5.40745	-0.18565	-0.43971	-0.20025
A_42_P72: BQ192106 Solute carr	0.87669	0.77585	6.60943	-0.29557	-0.11164	-0.40633
A_42_P80: BI304055 SH3 domai	0.87664	0.62971	6.81375	-0.22047	-0.03132	-0.03693
A_42_P68: BQ211506 Signal seq	0.87629	0.58429	8.03391	-0.09481	-0.11647	-0.2181
A_42_P69: BI298715 Transcriber	0.87613	0.65363	8.09465	0.01831	-0.13016	-0.3121
A_42_P61: BI274053 Similar to N	0.87612	0.46645	7.01012	0.01288	-0.09927	-0.07323
A_42_P47: AI235935 Formyltetr	0.87608	2.47398	5.83588	-1.28171	0.13958	0.620656
A_42_P60: NM_08090 DNA-dama	0.87535	1.07123	7.55661	0.05043	0.07256	0.10377
A_43_P14: AA819021 Data not fo	0.87519	0.52282	7.28871	-0.37325	-0.13279	-0.05572
A_43_P17: BF553882 Similar to F	0.87518	0.65006	6.70308	-0.22212	-0.03866	-0.10765
A_42_P78: NM_02250 Ribosomal	0.87518	1.01205	9.30577	-0.43687	-0.11846	-0.23598
A_43_P14: BF555960 RT1 class I	0.87505	0.81049	10.87848	0.03304	0.10538	0.14701
A_43_P12: NM_02414 Ena-vasod	0.87497	1.28574	7.05502	-0.17494	-0.32794	-0.14781

A_42_P48	NM_13359 Rabphilin 3	0.87488	0.67286	7.90365	0.12469	0.14348	0.15534
A_42_P54	AI639506 F-box only	0.87469	2.03841	6.60409	1.09486	0.72536	0.05093
A_42_P60	BE115418 Similar to F	0.87466	0.70841	6.42659	-0.11802	0.07326	0.02886
A_42_P78	NM_05388 ATPase, H	0.87463	0.53999	7.93554	-0.20696	-0.08864	0.15693
A_42_P54	NM_13437 Ring finger	0.87412	0.56024	6.33584	0.08728	-0.29147	-0.13095
A_43_P12	NM_05298 Cyclin H	0.87397	0.74147	9.80045	-0.2889	-0.42013	-0.14187
A_42_P54	AI408509 Transcriber	0.87384	1.32625	6.3895	0.4851	-0.45659	-0.42949
A_43_P10	CA506147 Transcriber	0.87378	0.52835	8.57131	-0.20388	-0.01271	0.02747
A_42_P69	AW520817 WD repeat	0.87375	0.76081	4.93505	-0.2848	0.39917	0.21597
A_42_P61	NM_03098 Tumor prot	0.87362	1.0491	5.67061	-0.36499	0.01429	-0.25317
A_42_P67	BM391890 Carbamyl p	0.87336	1.12764	7.19868	-0.53723	-0.29229	-0.15396
A_42_P80	BI286421 Similar to F	0.87328	0.56839	5.68967	-0.31958	0.04788	0.11876
A_42_P51	NM_05386 Tumor prot	0.87327	0.97024	7.82859	-0.26809	-0.1134	-0.00144
A_42_P76	AA819034 Putative IS	0.87311	3.69472	49.43642	-0.77651	-1.00839	-0.87649
A_42_P74	AW143803 Hypoxanth	0.87298	1.09571	8.88024	-0.54237	-0.07255	-0.21637
A_43_P16	BQ196556 Nudix-type	0.87284	0.86903	6.04371	-0.07158	-0.21655	-0.54374
A_42_P75	BE098875 BCS1-like	0.87274	0.75449	6.88684	-0.0669	-0.1053	-0.26426
A_43_P11	NM_01299 Proyl 4-hy	0.87271	0.65795	7.06326	0.01037	-0.02233	-0.12637
A_43_P12	NM_02269 Ribosomal	0.8726	1.36869	10.3094	-0.77374	-0.36787	-0.20085
A_42_P63	BE105426 Similar to p	0.87253	0.63279	6.7464	-0.06111	0.30775	0.32077
A_42_P50	AI172214 Mitochondr	0.87244	0.453	7.29969	-0.14634	0.0312	0.03775
A_43_P11	NM_01296 Heat shock	0.87223	0.63277	8.40468	-0.39977	-0.08055	-0.12251
A_42_P59	BF558521 CDNA clon	0.87203	0.91131	6.24034	-0.60874	0.02625	-0.16604
A_42_P54	AI145328 Interleukin-	0.87219	0.78337	8.73271	-0.171	-0.05808	-0.19502
A_42_P82	AI406544 Similar to h	0.87203	0.56336	9.25097	0.11036	0.05914	0.05748
A_42_P52	AI012382 TRNA nucl	0.87174	0.8798	5.37942	-0.38909	0.14467	-0.17794
A_43_P16	AW525988 RAB, mem	0.87113	0.61685	9.7381	-0.03595	-0.096944	0.15274
A_43_P16	AI180020 Similar to p	0.87094	0.6362	6.76121	-0.08472	0.02775	-0.25502
A_43_P14	AA926094 Data not fo	0.8707	0.55489	5.8135	-0.30118	-0.05775	-0.0273
A_43_P11	BF420434 RAP1, GTF	0.87061	0.53274	4.8838	-0.06157	-0.25444	0.00932
A_42_P83	AW534222 RGD15620	0.87057	1.37083	9.1907	-0.24297	-0.77867	-0.54791
A_43_P21	CB546898 Transforma	0.87043	1.35503	8.60482	0.14169	0.19618	0.75149
A_43_P16	CB605705 Leucine arr	0.87036	1.05313	12.0604	-0.1731	-0.14366	-0.23427
A_43_P16	AI712699 Similar to A	0.87029	1.3054	14.1519	-0.06314	-0.20658	-0.22479
A_42_P63	BF553091 Cleavage s	0.87026	0.81475	5.02088	0.22389	-0.09706	-0.25216
A_42_P71	CA511858 Serine/argi	0.87025	0.87524	6.74557	0.16202	0.33074	0.49789
A_42_P45	BQ190633 Transcriber	0.87023	2.05568	8.53414	-0.42942	-0.41979	-0.5827
A_42_P75	NM_01708 Myosin 5B	0.87002	0.98373	5.86774	-0.31397	0.13714	-0.10286
A_42_P59	AA926045 Transcriber	0.86999	0.64917	5.55977	-0.07222	0.41038	-0.21204
A_42_P65	AA997732 F-box and	0.8696	0.57326	6.37118	-0.24971	-0.10954	-0.26866
A_43_P22	BF389843 Zinc finger	0.86946	1.08633	9.41962	0.15187	0.20326	0.40153
A_43_P14	BF398773 Putative IS	0.86934	3.88562	38.80445	-0.94122	-1.05836	-0.78261
A_42_P52	NM_00100 Lamin A	0.86924	0.73511	10.1171	-0.24997	-0.2624	-0.41839
A_42_P56	BM389079 Transcriber	0.8692	1.07107	6.59886	-0.66766	0.29629	-0.08246
A_42_P72	BE098255 Zinc finger	0.86916	0.80416	4.93966	0.17025	-0.34876	-0.23099
A_42_P78	AI073024 DnaJ (Hsp	0.869	0.92022	7.99507	-0.18467	-0.10132	-0.33025
A_43_P19	AI145169 Similar to 2	0.86899	1.38267	5.83074	0.29481	-0.2262	-0.54337
A_42_P67	BE112772 Similar to h	0.86892	0.58197	7.47442	-0.04324	-0.07734	0.15474
A_42_P77	AI060043 Transcriber	0.86891	0.60501	5.91828	-0.14098	0.14527	-0.18917
A_43_P13	CB546932 Adenylosuc	0.86866	0.68249	4.75898	-0.16109	0.49074	0.06004
A_42_P59	AI176435 Similar to V	0.86861	0.8623	4.64465	-0.50965	0.22777	-0.08991
A_43_P14	AA925693 Data not fo	0.86846	1.03805	13.43675	0.04758	0.07927	0.02834

A_42_P70	AW921544	Cirrhosis, ε	0.86844	1.02972	4.55292	-0.75853	0.27882	0.23682
A_42_P79	NM_01305	Tyrosine 3-	0.8684	0.64583	4.37149	-0.08686	0.11657	0.27898
A_42_P84	M80601	Programme	0.86815	0.65073	6.29297	0.07026	-0.0232	-0.10208
A_42_P49	BF400663	Transcribe	0.86813	0.79866	6.28552	-0.15597	-0.18792	-0.52661
A_43_P12	NM_01930	Compleme	0.86781	0.69931	8.34188	-0.21863	-0.31043	-0.04705
A_43_P10	CB605839	Mitochondr	0.86775	0.78383	6.41254	-0.28851	0.20613	-0.33507
A_42_P72	NM_13887	Tudor dom	0.86765	0.5034	6.7071	0.14234	0.05956	0.15069
A_43_P18	BE119096	Similar to F	0.86755	0.59875	6.24094	-0.01498	-0.01045	0.05743
A_42_P77	BE101834	Laminin ch	0.8674	3.36849	11.45423	0.26732	0.2218	0.466723
A_42_P76	AW141596	Mago-nash	0.86734	0.71705	4.44709	0.1095	-0.31411	-0.15669
A_43_P16	AI715479	Similar to h	0.86711	0.62592	5.90209	-0.10427	0.25583	0.29666
A_42_P78	AA818118	Similar to F	0.86721	0.63598	8.65442	-0.42943	-0.2392	-0.22183
A_43_P15	NM_01296	Intercellula	0.86692	0.6265	7.01687	-0.02412	0.19979	-0.28448
A_42_P53	AI170859	Ectonucleo	0.86664	1.74266	10.87393	6.00E-04	-0.01834	-0.31604
A_43_P12	NM_03112	Syntaxin 4	0.86634	0.68184	4.99784	-0.36639	0.05056	-0.17589
A_43_P12	NM_03123	Ubiquitin-α	0.86632	0.55014	7.14903	-0.02428	0.17901	-0.05572
A_42_P52	H32255	Arginyl-tRN	0.86631	0.74289	5.36652	-0.00356	-0.21974	-0.14096
A_43_P13	BU759320	Similar to E	0.86606	1.06151	7.98561	-0.53499	-0.11124	-0.13976
A_43_P11	AI180208	Dynactin 3	0.86603	0.55696	8.36511	-0.09596	-0.09198	-0.17466
A_42_P55	BQ211730	Similar to A	0.8658	2.51923	13.61722	-0.29209	-0.01457	-0.50595
A_42_P58	NM_05332	Nuclear po	0.86575	0.91058	10.14234	-0.22935	-0.07277	-0.1722
A_43_P14	NM_05372	Apoptosis ε	0.86571	0.87807	6.85763	-0.01016	0.50008	0.19543
A_42_P49	NM_01260	Myelocytor	0.86555	1.46029	7.07422	0.57057	0.12124	0.68532
A_42_P74	BF522734	Ac1158	0.86553	0.59995	8.01752	0.25981	0.0065	2.20E-04
A_42_P75	BQ204777	Transcribe	0.86542	0.60361	5.91829	-0.06486	0.17117	0.01045
A_42_P64	BE106682	Similar to F	0.86534	0.74524	7.12241	0.07795	-0.12501	0.23559
A_42_P80	AA997369	Prion prote	0.86507	1.12465	8.73483	0.06322	0.52908	0.38976
A_43_P10	CB547603	Similar to F	0.86495	1.35102	7.8859	-0.77295	0.01222	-0.48051
A_42_P70	BE098883	DEAH (Asp	0.86488	0.99414	8.08516	-0.17931	-0.22063	0.0184
A_42_P46	AI410149	Glucosamii	0.86478	0.5057	7.95993	0.18496	-0.00559	0.06313
A_43_P15	L25387	Data not fo	0.86446	1.2681	6.92807	-0.15805	0.64151	0.17215
A_43_P16	BM391506	Ribonuclea	0.86433	0.73442	8.01104	-0.10773	-0.11675	-0.06543
A_42_P59	BE116303	DnaJ (Hsp	0.86414	0.51345	4.39789	-0.28283	0.24576	-0.00129
A_43_P16	CB545029	ATPase, H	0.86412	1.15765	7.40396	0.16244	0.06529	-0.19294
A_42_P73	BQ204578	Similar to h	0.86381	0.51718	4.92613	-0.35003	-0.16128	-0.20816
A_43_P11	NM_01924	Interferon-γ	0.86358	2.69682	6.17218	0.75877	-0.22894	-0.46067
A_42_P54	AW527704	CGI-146 pr	0.86348	0.89815	5.61434	-0.16233	0.1947	0.14132
A_42_P70	BQ209571	Septin 6 (p	0.86309	0.54396	4.92721	0.14309	0.1234	-0.07183
A_42_P75	BG372727	Similar to E	0.86287	0.64567	6.20496	-0.33678	-0.15363	-0.13326
A_42_P81	AI235192	ATP-bindin	0.86287	0.56394	4.93864	0.11304	-0.3355	-0.19001
A_43_P11	NM_01914	Hypothetic	0.86243	0.63221	6.15441	-0.40519	0.01837	0.08016
A_43_P16	BF557108	Interferon γ	0.86241	0.8215	12.58578	0.33992	0.30157	0.20689
A_43_P11	BF547255	Transcribe	0.86228	0.6312	5.56182	0.02225	-0.02547	0.10021
A_42_P55	BE121389	Similar to E	0.86215	1.61276	7.40332	0.17467	-0.49291	-1.41569
A_43_P16	CA338396	SEC13-like	0.86196	0.98535	5.53321	-0.44895	0.34954	-0.37806
A_42_P64	X64403	CCAAT/en	0.86194	1.18707	11.14588	0.50883	0.59112	0.56881
A_43_P17	BE111755	Similar to a	0.86193	1.49973	5.72308	-0.37991	-0.62742	-1.15626
A_43_P11	NM_01315	Cathepsin	0.8619	1.60517	14.66766	0.1442	-0.04211	0.03101
A_43_P11	BQ210920	Actin relate	0.86184	0.53155	6.64686	-0.38369	-0.11014	-0.01972
A_42_P77	BQ190146	Coiled-coil	0.86181	0.81024	6.38751	-0.26113	0.06451	0.08005
A_43_P12	NM_05329	Phosphogl	0.86174	0.6306	9.20535	0.08035	0.00222	0.05065
A_43_P17	CB584372	Similar to F	0.86163	1.81209	5.07272	0.03798	0.56849	0.409444

A_42_P60	NM_01310	Guanine nu	0.86149	0.76736	4.89914	0.05417	-0.08723	-0.17275
A_43_P11	NM_01260	Malic enzy	0.86131	1.13022	6.38642	-0.02536	0.0547	0.3779
A_42_P63	AA998105	Similar to h	0.86083	0.84843	5.76705	-0.51632	0.09159	-0.34802
A_42_P49	BE099652	Similar to k	0.86051	0.47623	6.52468	0.08336	-0.06817	-0.04678
A_42_P82	BF288134	Similar to c	0.86044	1.10592	9.05081	-0.35997	-0.05121	-0.02543
A_42_P46	BF403136	Vang, van	0.86038	0.6723	6.41249	-0.15003	0.17828	0.17024
A_43_P15	NM_01307	Asparagine	0.86034	0.83784	5.61841	-0.02945	-0.05942	-0.53171
A_43_P11	AI317833	ATP-bindin	0.86033	0.46984	6.78482	-0.12482	-0.11126	-0.05858
A_43_P10	CB544559	ARP3 actin	0.86009	1.02245	6.84587	-0.06446	-0.11612	-0.47466
A_42_P57	BQ205697	Origin reco	0.86002	1.62313	5.08609	0.192491	0.82215	-0.10634
A_43_P15	NM_02259	Cathepsin	0.85999	1.18701	17.2668	-0.20059	-0.16565	-0.11895
A_43_P11	NM_01727	Aldehyde d	0.8599	1.8718	9.8284	-0.39665	-0.2751	-0.09059
A_42_P61	AI233863	Hypothetic	0.85953	0.60175	7.3769	0.1068	0.05494	-0.00102
A_42_P66	BE106694	Hook homc	0.85951	1.41211	5.93265	0.71899	-0.10637	-0.49402
A_43_P12	NM_03166	MYB bindir	0.85947	1.35824	5.06961	0.25863	-0.35578	-0.36509
A_42_P57	BQ201587	Dead end b	0.85912	0.70225	7.01007	-0.11894	-0.16201	-0.29392
A_42_P50	BQ201831	Similar to h	0.85908	0.5297	6.29036	0.07779	0.14325	0.13925
A_42_P46	BM385478	Ischemia/re	0.85879	0.60891	5.9576	-0.42636	-0.15695	-0.04897
A_42_P61	CA338564	Chaperonir	0.85876	0.5837	4.20816	-0.44561	0.1688	0.01865
A_42_P46	AA943847	Similar to L	0.85855	0.61599	6.43978	-0.34736	0.21058	0.15715
A_43_P10	CB578647	Transcriber	0.85854	0.65353	7.34279	0.12464	-0.0681	0.02718
A_42_P68	BE117892	Transcriber	0.85849	1.48191	5.88652	-0.17152	-0.26011	-1.33016
A_42_P67	BI286562	MAD2L1 bi	0.85834	0.4902	5.19601	-0.04013	0.0866	0.24264
A_43_P14	AA858954	Data not fo	0.85788	0.98409	8.23057	-0.08755	-0.58248	-0.49047
A_42_P78	AI071307	Ectoderma	0.85783	2.16237	10.51149	1.02382	1.0947	0.91441
A_43_P16	U12266	Sprague-D	0.85757	0.8452	4.33705	-0.299	0.20277	0.18023
A_42_P49	BF409327	NCK intera	0.85747	1.07578	9.25136	-0.14213	-0.02681	-0.58228
A_42_P68	NM_02224	RAD50 hor	0.85729	1.5119	4.60979	-0.325	0.22751	-1.0522
A_42_P58	NM_05719	Nasal emb	0.85704	0.64847	8.59907	0.00652	-0.04885	-0.00817
A_42_P67	BI290097	Hypothetic	0.85704	0.51116	4.81948	-0.00638	-0.10568	-0.07768
A_42_P67	BE100324	Ubiquitin sp	0.8569	0.63784	8.04761	0.1429	0.10324	0.07648
A_42_P55	BE107695	Interferon-ε	0.85684	1.15414	8.82096	-0.1082	-0.18057	-0.39761
A_43_P14	NM_05386	Tumor prot	0.8568	0.82804	7.6575	-0.08969	0.04179	0.05129
A_42_P45	NM_01922	Dynein, cyt	0.85674	0.58754	5.21178	0.03643	-0.1238	-0.22641
A_42_P74	AI501880	Transcriber	0.85636	0.82968	5.14099	-0.50426	0.10093	0.14711
A_42_P50	AI011733	ADP-ribosy	0.85619	0.4909	7.63183	-0.39737	-0.11708	-0.12197
A_43_P16	BQ193796	RGD15652	0.85611	0.47665	6.72953	-0.04209	-0.23727	0.00795
A_42_P68	BQ204091	RNA bindir	0.85608	0.49123	6.68614	-0.25786	-0.20425	-0.09884
A_43_P16	BI395823	Similar to F	0.85553	0.7363	4.9061	-0.2642	0.00685	0.10252
A_42_P56	NM_05392	ATP-bindin	0.85516	1.78589	17.78617	-0.18542	-0.33853	-0.57849
A_43_P11	NM_01275	Insulin-like	0.8548	1.42249	15.82872	-0.18738	0.12281	-0.21264
A_43_P16	CB547851	DnaJ (Hsp	0.85463	0.63721	5.34593	-0.19188	-0.26752	-0.1113
A_42_P62	AI169439	Similar to 2	0.85443	1.26484	9.47578	-0.11434	0.0023	-0.31746
A_42_P75	BM389097	Data not fo	0.8544	0.64227	6.15057	-0.1206	-0.19846	-0.44075
A_43_P11	AA818416	ADP-ribosy	0.85435	1.19011	8.32516	-0.02703	-0.63647	-0.53458
A_43_P10	AW434185	Ring finger	0.85389	0.84332	8.82174	-0.60824	-0.21923	-0.1766
A_43_P14	NM_03185	Diazepam	0.85364	0.60448	7.62158	0.14303	0.42955	0.20031
A_43_P11	BF550448	Transmem	0.85345	0.68226	8.95085	-0.09527	0.08513	-0.21218
A_43_P19	CB546990	Swi/SNF re	0.85332	0.48217	7.0253	0.06881	0.15082	-0.05721
A_43_P17	AW251315	Similar to h	0.85331	0.88978	4.81772	-0.3784	0.06305	-0.34166
A_42_P83	BF393237	Similar to k	0.8533	1.95155	7.72378	-0.13271	-0.68263	-0.64243
A_43_P12	NM_02309	Myosin IC	0.85324	1.15706	4.52053	-0.71872	-0.07467	-0.46068

A_43_P12	NM_05352	ATP-deper	0.85297	1.15795	5.59725	-0.42678	-0.61547	-0.47596
A_43_P23	BF551144	Transcriber	0.85283	0.86946	7.95527	-0.43394	-0.05044	-0.22986
A_42_P77	AI412967	Syntaxin 10	0.85271	0.49624	5.5096	0.06091	0.0766	0.10211
A_42_P56	BI293704	Mitochondr	0.85248	0.55413	6.03335	-0.42007	-0.14539	-0.07685
A_42_P59	AA818807	Epithelial n	0.85246	1.25583	12.32248	0.16173	-0.09435	-0.18835
A_42_P52	CA507930	Tetraspanin	0.85173	0.70324	10.19944	-0.22271	-0.01091	0.08532
A_42_P50	BQ207319	TNFRSF1A	0.85158	0.57143	5.3028	0.05628	0.0538	-0.14831
A_43_P12	NM_05335	Inhibitor of	0.85153	0.64611	8.68565	-0.18741	4.90E-04	-0.14275
A_42_P74	CB323451	Modulator c	0.85139	0.67608	4.82692	-0.18447	0.10109	-0.11523
A_42_P52	BI293052	Similar to F	0.85126	0.80251	5.8407	-0.0468	-0.00973	-0.08919
A_42_P59	NM_13883	Protease, s	0.85107	1.25301	8.40804	-0.24829	-0.02176	-0.18292
A_42_P63	AA956612	Transcriber	0.85106	0.68952	8.2943	-0.31804	-0.15155	0.10781
A_42_P57	AA892959	Similar to 2	0.85101	1.0487	6.56704	-0.54192	-0.11651	-0.30299
A_43_P14	BF555429	Nucleopori	0.85098	0.52658	6.5922	-0.19247	0.05414	-0.14208
A_43_P14	AA899819	Data not fo	0.85092	0.72831	7.82253	-0.20477	0.11383	-0.03933
A_42_P45	NM_08078	Coatomer p	0.85086	0.71701	9.35535	-0.27773	-0.21241	-0.19346
A_42_P54	BF406830	Transcriber	0.85085	1.04736	12.42594	-0.60133	-0.41278	-0.36476
A_42_P74	AI008339	Similar to N	0.8508	1.2429	4.84704	0.4398	-0.28902	-0.15588
A_42_P52	BF563622	Similar to F	0.85074	1.09673	6.05944	0.25014	0.02584	-0.28419
A_42_P80	BM392282	Transcriber	0.85064	1.12922	6.43088	-0.34737	0.25841	0.17204
A_43_P14	NM_03164	Core prom	0.85063	1.50821	10.99994	0.7261	0.32947	0.59535

m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov
-0.08546	-0.13681	0.07584	-0.223	-0.00741	0.30395	0.488	0.28205	0.3118
-0.17469	0.37236	0.36097	-0.02964	0.1909	0.73246	0.7222	0.50866	0.71275
-0.06561	-0.06883	0.13719	-0.14538	0.08357	0.23866	0.49322	0.31097	0.42312
0.01621	-0.12301	-0.08905	-0.11442	0.02109	0.12185	0.08405	0.02229	0.2335
-0.39239	-0.1787	-0.09458	-0.01188	-0.08907	0.31423	0.30133	0.19877	0.36951
-0.22383	-0.22575	-0.00627	-0.22582	-0.16373	0.16791	0.20677	0.33968	0.12334
-0.07928	0.04099	0.24718	0.02295	0.08595	0.1663	0.35535	0.1815	0.1336
0.07915	0.31918	0.09219	-0.1893	-0.085	0.20179	0.33758	0.24359	0.14269
-0.17842	-0.18559	-0.08152	-0.19951	-0.08242	0.0349	0.24892	0.05575	0.09479
0.18806	0.07036	0.1109	-0.02819	0.09572	0.45215	0.70793	0.46398	0.3092
-0.13985	-0.07033	0.02995	0.23451	0.20977	0.15298	0.32977	0.14118	0.20049
-0.26367	-0.26847	-0.09032	-0.1897	-0.20536	0.11713	0.66638	0.51849	0.48927
-0.52152	-0.50535	0.0865	-0.2858	-0.48296	0.11552	0.38778	0.50685	0.13233
0.06268	0.17154	0.14904	-0.12114	0.04742	0.25387	0.51578	0.26607	0.34609
-0.04674	-0.24965	0.00508	-0.21158	-0.11976	0.44347	0.5495	0.322	0.39617
0.15983	-0.05321	-0.00847	-0.19157	0.03139	0.4357	0.45639	0.2248	0.32185
-0.05979	0.04562	-0.02476	-0.06752	0.16347	0.12006	0.27325	0.08657	0.08844
-0.33667	-0.63959	-0.11651	-0.34959	-0.23085	-0.00343	0.25694	0.2737	0.10701
-0.33675	-0.37963	0.10915	-0.04161	-0.28437	0.22398	0.35491	0.46688	0.02109
0.11971	0.31845	-0.16487	-0.11324	0.02093	0.84881	0.87843	1.13259	1.03191
-0.09291	-0.37082	0.16082	0.11282	0.15703	0.25289	0.3174	0.21708	0.2927
-0.2589	-0.06048	0.166	0.09391	0.03002	0.10462	0.10411	0.10098	0.17062
0.31021	0.14484	0.30467	0.21896	0.66004	0.59187	0.69654	0.23162	0.45016
0.03036	-0.02283	0.10384	-0.25941	-0.20589	0.15395	0.22862	-0.02093	0.14928
0.13854	0.02654	0.08175	-0.32557	-0.13428	0.86755	0.91577	0.56468	0.79395
0.25959	0.13346	0.18642	0.22653	0.2883	0.29946	0.68206	0.49225	0.43904
-0.12714	-0.09189	0.20317	0.22648	0.29333	0.35717	0.53488	0.4102	0.32751
-0.30435	-0.6787	0.02414	0.01371	-0.2888	0.12762	0.24536	0.25299	-0.10352
0.12092	-0.11004	0.03258	-0.2159	-0.13421	0.41004	0.40426	0.31947	0.37678
-0.19418	0.26587	0.04198	0.1433	0.22486	0.2168	0.31907	0.30249	0.28008
0.03632	-0.1639	-0.02621	0.04362	0.16534	0.21974	0.35302	-0.02435	0.11317
-0.39592	-0.11591	0.10489	-0.01839	0.14823	0.22141	0.54547	0.17731	0.27114
-0.04088	0.09172	-0.00613	-0.02217	0.07728	0.51732	0.35954	0.316	0.53588
-0.00776	0.04278	-0.01136	-0.14825	-0.01717	0.20038	0.37195	0.18483	0.16901
0.08854	0.06616	0.11398	-0.0993	0.06898	0.15616	0.25477	0.33361	0.27649
-0.14966	0.02566	0.05814	-0.03242	0.05751	0.04784	0.33196	0.09134	0.10279
-0.42425	-0.14051	-0.09992	-0.31111	-0.29083	-0.02544	0.135	0.10377	0.12952
-0.09561	0.14049	0.10951	0.10289	0.30262	0.25769	0.53338	0.3032	0.31721
0.04868	-0.26267	0.08154	0.24334	0.24184	0.37903	0.36906	0.42991	0.37791
0.03016	-0.155	0.24534	0.44555	0.29955	0.19108	0.31291	0.28125	0.26249
-0.11225	-0.03589	0.07812	0.00914	0.22262	0.12912	0.34664	0.11731	0.25607
-0.03075	-0.22427	0.10293	-0.09084	4.60E-04	0.08098	0.48502	0.25218	0.16169
-0.12817	0.05833	0.05666	0.07064	0.11663	-0.05207	0.19811	-0.05161	0.0605
-0.05862	-0.07328	0.03331	0.11514	0.08174	-0.04211	-0.05534	-0.07894	0.05833
-0.18292	0.12649	-0.05575	0.03847	0.15383	0.1431	0.61373	0.16313	0.25492
-0.09357	-0.05243	0.0487	0.30065	0.09878	0.05402	0.20234	0.31991	0.09129
-0.48455	-0.73916	-0.01918	-0.22161	-0.3406	0.23206	0.367	0.45414	0.4688
-0.04405	-0.06171	-0.05631	-0.29277	-0.11755	0.17897	0.20931	0.0677	0.0294
-0.03187	-0.1708	-0.05509	-0.22838	-0.14147	0.14298	0.10642	-0.08091	0.04889
-0.15027	-0.14041	-0.01695	0.35213	0.18386	-0.05562	0.25598	0.02436	0.08116
-0.09547	-0.05964	-0.01214	-0.21275	0.06547	0.6262	0.37903	0.14263	0.28701

-0.22138	0.05093	0.04891	0.03923	0.17529	0.16048	0.51518	0.3224	0.3416
0.12869	-0.01895	0.04818	0.29785	0.31633	0.09002	0.2598	0.23659	0.1695
0.18199	-0.17265	-0.06608	8.00E-05	0.14644	-0.0112	0.10617	-0.10883	0.00934
-0.24715	0.07084	0.03388	0.13389	0.19547	0.19049	0.3264	0.37806	0.17402
-0.27075	-0.03166	0.20536	-0.15625	0.01772	0.03178	0.23143	0.35295	0.22938
-0.02551	-0.24016	0.10992	0.02237	-0.02395	0.13147	0.25465	0.19039	0.28468
-0.19802	-0.14886	0.06126	-0.05479	-0.00469	0.0627	0.25828	0.11229	0.11451
-0.27694	0.14848	0.0105	-0.14923	0.09787	0.23538	0.55289	0.273	0.31247
-0.16644	-0.23695	0.10849	-0.17538	-0.03112	-0.10036	-0.01379	0.00151	0.06396
-0.12584	-0.14516	0.25089	0.14183	-0.00789	0.27962	0.25135	0.20517	0.20289
0.36032	0.24119	0.27691	0.05017	0.27149	0.19284	-0.06416	-0.21183	-0.03951
-0.15217	0.01182	0.02968	0.03161	0.16795	0.28538	0.50448	0.28859	0.3002
0.14886	-0.1543	0.30506	0.12163	0.26669	0.31816	0.38967	0.59497	0.56604
0.20408	-0.32953	0.20024	-0.01778	0.01821	0.11443	0.31253	0.40955	0.22105
-0.06065	-0.02219	0.13647	0.09793	-0.04573	-0.01704	-0.00645	0.16855	0.00801
-0.23425	0.17754	0.05103	0.11544	0.28498	0.15233	0.36787	0.22991	0.1963
0.10921	-0.0968	0.1037	0.02169	0.15617	-0.00227	0.07706	-0.0472	-0.02757
0.09229	0.17027	0.13691	0.30702	0.38978	0.23246	0.5941	0.47524	0.35734
-0.17866	0.07856	0.0066	-0.01025	0.11546	0.18635	0.30883	0.13571	0.37706
-0.23246	0.22607	0.03784	0.12309	0.20476	0.0709	0.49568	0.34728	0.21777
-0.01512	-0.28707	0.28639	-0.11351	-0.10627	0.1621	0.28539	0.15422	0.14431
-0.01809	0.03175	0.04342	-0.06056	-0.04886	0.0405	0.05353	0.12105	0.09884
-0.13634	0.12642	0.06461	0.06863	0.19659	0.26765	0.37528	0.07447	0.2496
-0.26088	-0.31172	0.08933	0.20519	0.1515	0.07761	0.2779	0.22937	0.19304
-0.09129	-0.14292	0.00973	0.04367	-0.02284	0.18585	0.03698	0.11739	-0.02282
-0.36111	0.15557	0.06526	0.04773	0.20467	0.22775	0.51381	0.28309	0.26781
0.00767	0.07982	0.13744	-0.09945	-0.10829	0.11508	0.13804	0.06871	0.03102
-0.17516	0.07287	-0.0121	-7.80E-04	0.09975	0.28299	0.41727	0.3898	0.3351
-0.14756	0.00756	-0.01734	-0.04731	0.05448	0.00347	0.02127	-0.11184	0.04969
-0.51525	-0.03669	-0.11733	-0.15061	0.30143	0.36003	0.24809	-0.20792	0.67378
0.13402	0.10557	0.0719	0.09672	0.22554	0.37217	0.68112	0.48403	0.42899
-0.30328	-0.07382	0.05926	-0.00547	0.00625	0.01873	0.18193	0.16464	0.08072
-0.24558	-0.2123	0.17226	0.14502	0.06109	0.27797	0.52642	0.44872	0.42258
0.17717	-0.10221	0.06323	0.18901	0.14165	0.13152	0.35938	0.4178	0.29982
-0.1831	-0.05619	-0.09276	-0.15855	0.06489	0.32912	0.08234	-0.04372	0.06946
-0.02147	-0.00719	0.05679	-0.22525	0.1371	-0.07835	0.11984	-0.19761	-0.04481
0.1069	-0.04893	-0.03751	-0.40661	-0.33352	0.19976	0.21268	0.13522	0.19698
-0.10602	-0.04293	0.02119	0.14878	0.22892	0.27663	0.52413	-0.16923	0.16061
-0.19361	0.17543	-0.42896	-0.2574	0.15045	0.4377	0.54257	-0.36207	0.13223
-0.31644	-0.2834	0.04109	-0.01552	0.03577	0.25139	0.41304	0.25825	0.27679
0.04446	0.07616	-0.08596	0.01016	0.11812	0.0856	0.32793	0.22734	0.15151
-0.40369	-0.22852	0.10609	-0.33491	-0.27658	0.32657	0.47191	0.3553	0.32555
-0.05102	-0.17193	-0.12164	-0.07473	-0.10268	0.12882	0.31155	0.17037	0.1092
-0.3482	-0.109	-0.08721	-0.14144	-0.1024	-0.06365	0.0769	-0.07532	0.01715
0.04253	-0.34742	0.2425	0.1789	0.11401	-0.01719	0.37435	0.20166	0.1501
-0.17928	0.06675	0.0874	-0.27127	-0.13844	-0.04833	0.09779	0.16633	0.17777
0.02786	0.15475	-0.02775	0.03378	0.22941	0.27899	0.48175	0.15044	0.26239
-0.0974	-0.09305	0.01405	-0.24294	0.18505	0.31001	0.32702	0.1005	0.15501
-0.20926	0.03293	-0.01047	-0.05967	0.09863	0.15145	0.32068	0.21066	0.21047
-0.2809	0.00354	0.10016	0.01912	-0.09312	0.06916	0.12398	0.39808	0.45887
-0.41188	0.09031	0.08903	-0.29883	-0.12768	0.23334	0.38991	0.19103	0.07898
0.00413	-0.38453	0.08328	-0.2625	-0.2901	0.29462	0.21788	0.2117	0.22377

-0.30076	0.09688	0.057	0.06974	0.25133	0.1523	0.24436	0.20256	0.11532
0.02891	-0.06683	0.12775	9.00E-05	-0.03334	0.10601	0.31181	0.24081	0.07477
0.0669	0.18821	-0.25042	-0.28076	0.02525	0.1583	0.12145	-0.30747	-0.05849
-0.15279	-0.00427	0.05763	-0.043	0.07313	0.06214	0.23199	0.0232	0.06209
0.09408	-0.0986	0.09385	0.10001	0.01902	0.32007	0.05501	0.61802	0.29611
0.05591	0.28694	0.18444	0.51512	0.40675	0.2656	0.53862	0.336806	0.63025
0.13648	-0.02907	0.22067	0.11259	0.0968	0.38242	0.45364	0.64462	0.39151
0.08647	-0.12231	-0.06698	0.03311	0.13604	0.05636	0.34229	0.06319	0.08573
-0.14341	-0.17954	0.1414	0.22923	0.08704	-0.04151	0.1637	0.1229	0.13541
-0.04224	-0.18096	0.12174	0.11672	0.07313	0.27995	0.29906	0.16405	0.19245
-0.11841	-0.05001	-0.10672	0.07629	0.20753	-0.02325	0.3	0.11884	0.06491
-0.14218	0.06915	0.09051	0.00375	-0.16355	0.00671	0.11273	0.1726	0.15791
-0.28722	0.06971	0.03286	-0.07271	0.14162	0.23409	0.1774	0.12097	0.15828
-0.17969	-0.3206	0.17561	0.01952	-0.11868	-0.15202	0.27035	0.25843	-0.0097
-0.14195	-0.37277	-0.18485	0.15863	0.04499	0.1254	0.19227	0.14281	0.1072
0.89033	-0.07641	0.13805	-0.15283	-0.12442	1.11394	1.25561	1.44408	1.27944
0.06764	-0.09799	0.18514	0.11987	-0.05912	0.08333	0.1138	0.2937	0.04111
-0.23157	0.02943	0.14476	0.08261	-0.08753	-0.01657	-0.01872	0.04922	0.30011
0.12248	0.05473	0.11775	-0.0178	0.03682	0.08138	0.23319	0.19583	0.12609
-0.24352	0.22692	0.01848	0.28802	0.41837	0.22519	0.44594	0.34695	0.29407
-0.23324	0.12603	0.06076	-0.0054	0.18295	0.1798	0.54473	0.36038	0.28965
-0.00965	-0.24102	0.15503	-0.16058	0.01156	0.36285	0.40306	0.40768	0.37582
-0.20014	-0.23166	0.04288	0.0747	-0.00111	0.28682	0.4729	0.27365	0.2541
-0.59769	0.09003	0.1187	-0.12873	-0.32775	0.12362	-0.01048	0.0403	0.27451
0.09891	-0.21521	-0.16615	-0.17265	-0.22307	0.2359	0.36898	0.25858	0.06262
0.05343	0.0703	0.08551	0.03972	0.30205	0.48943	0.26424	0.17782	0.34216
-0.21119	-0.09362	0.00454	0.1636	0.31268	0.45923	0.30417	0.1486	0.54639
-0.01135	-0.14293	0.01523	-0.0097	0.03513	0.23196	0.37357	0.2696	0.31923
-0.06082	-0.16685	-6.70E-04	-0.03398	0.01071	0.11078	0.21168	-0.01832	0.04437
0.17402	-0.53165	0.22323	-0.06809	-0.07948	0.6707	0.43625	0.50732	0.45369
-0.29746	0.19188	0.0484	0.10124	0.27707	0.19103	0.61964	0.40345	0.29575
-0.0019	-0.30381	0.16223	-0.44256	-0.29095	-0.20954	0.21154	0.20027	0.05258
-0.25403	-0.09042	0.17149	-0.12351	0.05097	-0.10112	0.07677	-0.14735	-0.09955
-0.53166	-0.04439	0.32972	0.29939	0.35721	0.24981	0.46163	0.37899	0.64995
-0.01544	0.04708	-0.02651	-0.20739	0.127	0.29042	0.35149	0.07669	0.25551
0.10741	-0.2429	0.0829	0.00679	-0.04734	0.09055	0.16336	0.18336	0.1786
-0.01565	-0.13928	-0.04615	-0.12921	-0.03237	-0.10978	0.13073	-0.04808	-0.03362
-0.24747	0.2186	0.0466	-0.13851	0.06917	0.00244	0.62357	0.25969	0.27642
-0.20243	-0.16756	0.07759	-0.08485	0.01569	0.21324	0.29403	0.25099	0.50996
-0.12453	-0.08837	0.11682	0.11339	0.18458	-0.0214	-0.14407	-0.09835	0.005
-0.06258	-0.00112	0.1622	0.12082	0.09992	0.12227	0.11131	0.49541	0.47992
0.14435	0.09614	0.10832	0.04395	0.2033	0.36256	0.65229	0.26353	0.3434
-0.04724	-0.35989	-0.11494	-0.06229	0.2852	0.30102	0.0734	-0.04717	0.42811
-0.40815	0.07807	0.0641	0.08895	0.23483	0.16177	0.31626	0.333	0.14768
-0.15724	-0.00813	0.06568	-0.14086	-0.09724	-0.01543	0.1913	-0.06221	0.04281
0.24505	-0.10384	-0.15769	0.04052	-0.0496	0.26805	0.49018	0.2928	0.48484
-0.2654	0.17412	0.06302	0.14197	0.2907	0.06413	0.4587	0.26141	0.19541
-0.36945	-0.48713	0.25037	0.14934	-0.02853	0.23415	0.46617	-0.03149	0.14525
-0.0613	-0.16809	0.03022	0.12168	0.47798	0.06132	0.3363	-0.14794	0.38902
-0.22941	-0.32114	-0.04821	-0.12231	-0.05527	0.25241	0.18228	-0.0342	0.26932
-0.00933	0.18454	0.04762	0.09544	0.25137	-0.00286	0.22683	0.11069	0.1506
-0.2607	0.08199	0.04086	0.02563	0.24557	0.32841	0.81885	0.38268	0.38516

-0.23699	0.0026	0.09429	0.01195	0.25077	0.1867	0.19071	0.24198	0.06113
-0.19612	-0.06719	0.10457	0.33266	0.31069	0.10523	0.1962	0.22292	0.18362
-0.25586	0.13464	0.04812	-0.24288	0.04998	0.22	0.53156	0.27819	0.24673
0.04273	-0.11549	0.08637	0.10905	0.04735	0.11115	0.11043	0.01925	0.01256
-0.2022	-0.06629	0.11602	0.00696	-0.03859	-0.07326	0.12066	0.15325	0.1649
-0.40144	-0.68659	-0.49948	-0.72726	-0.58933	0.67516	0.58838	0.98342	0.83908
-0.0194	-0.33721	0.15593	0.18314	0.049	0.07	0.1491	0.08757	0.15886
-0.14695	0.08508	0.02085	0.04726	0.25121	0.28728	0.36568	0.17995	0.2553
0.06483	-0.27663	0.06822	-0.16259	-0.16658	0.09002	0.3778	0.551	0.35828
-0.17441	0.15531	0.11426	-0.05332	0.1285	0.20404	0.3201	0.16003	0.24174
0.04879	-0.3646	0.03872	0.22482	0.32952	-0.30382	0.10022	-0.05299	0.04446
0.04009	0.06261	0.1372	0.12367	0.22271	0.31382	0.49809	0.33252	0.50321
0.15026	-0.29937	0.00734	0.11283	-0.04171	0.49078	0.73153	0.48454	0.36479
-0.2836	0.14284	0.12003	-0.25696	0.09697	0.27453	0.37096	0.19852	0.20644
-0.11175	-0.18352	0.11682	0.00111	0.13386	0.06769	0.04781	0.21964	0.05457
-0.07249	-0.0873	0.05167	-0.19817	-0.01908	0.4416	0.40254	0.29134	0.40503
-0.02831	-0.08409	-0.04612	-0.05918	-0.16012	0.04116	0.14489	-0.16185	0.32489
-0.21891	-0.33308	0.13609	-0.04795	-0.15607	-0.00373	0.1118	0.24119	0.00884
-0.08387	-0.60771	0.02199	0.31835	0.06387	0.03171	0.24282	0.23738	0.3624
0.17903	0.20351	-0.05896	-0.00847	0.35434	0.31502	0.08832	-0.16552	0.18031
0.02503	0.06364	0.0402	0.24545	0.34372	0.34892	0.43451	0.18996	0.362
-0.21313	-0.00852	0.08072	-0.11652	-0.00479	0.26625	0.39555	0.07086	0.29801
0.06998	-0.02213	-0.02158	0.07133	0.17467	-0.03753	0.12842	0.05488	0.06807
-0.33737	-0.01017	0.15159	0.15399	0.11208	0.03975	0.14475	0.03371	0.07197
-0.14413	-0.32288	-0.04086	-0.16798	-0.03397	-0.00168	0.28418	-0.05784	0.04393
-0.05294	0.04379	-0.03116	0.30768	0.60733	0.13293	0.43816	0.22595	0.2958
-0.03185	-0.02428	0.08977	-0.18675	0.09624	0.19584	0.51019	0.23895	0.03835
0.17058	0.0572	0.12656	0.18493	0.1083	-0.08989	0.11913	0.12716	0.01728
-0.00944	0.15385	0.07643	0.15162	0.19615	-0.05408	0.10561	0.19729	0.13663
0.02752	0.04648	0.05566	0.35728	0.28673	0.32641	0.33381	0.28862	0.21718
-0.36252	0.08972	0.00756	-0.26023	-0.07055	0.16126	0.42168	0.36355	0.21056
-0.05893	0.01924	0.10076	-0.17932	-0.12469	0.14252	0.14185	0.05078	0.11902
-0.17629	-0.08654	0.1493	0.23603	0.01778	0.01713	0.19039	0.23164	0.15057
-0.17773	-0.46535	0.25336	0.2417	0.31107	0.18852	0.01106	0.10441	0.36821
-0.03519	-0.1198	0.04112	-0.08683	-0.10932	-0.03923	0.12944	-0.02536	0.0466
-0.01186	-0.36412	0.21206	0.09261	0.18178	0.49398	0.45035	0.57171	0.31173
-0.2667	0.06467	0.0227	-0.16543	-0.06895	0.08769	0.40563	0.32697	0.14718
0.04538	-0.1709	0.00569	-0.06257	-0.17602	0.12632	0.07691	0.19723	0.15353
-0.25475	-0.17959	0.09221	0.05951	0.16257	0.14504	0.36023	0.09705	0.23656
-0.06212	-0.11232	0.09496	0.21391	0.35459	0.23627	0.27385	0.05726	0.35785
-0.05376	0.00101	-0.05809	-0.38486	0.01518	0.43164	0.70532	0.36611	0.35598
-0.19167	-0.01655	0.00821	-0.1829	0.01372	0.21994	-0.21403	-0.1705	0.10212
-0.34293	0.17044	0.12619	-0.09353	0.10529	0.28264	0.08004	0.02752	0.19272
-0.3282	-0.02309	0.13113	0.0322	0.13689	0.02879	0.21399	0.14101	0.21725
-0.0396	-0.13104	0.0369	0.20471	0.24477	0.24452	0.29309	0.15858	0.04794
-0.48179	-0.06018	0.22908	-0.12989	-0.04193	0.02495	0.23053	0.16695	0.05598
-0.09936	-1.20E-04	-0.04355	0.01214	-0.07615	-0.07637	0.20071	0.09461	-0.11424
-0.20044	-0.43054	-3.70E-04	-0.0046	-0.03889	-0.02335	0.34662	0.10351	0.12929
-0.08102	0.04637	0.02126	0.27534	0.4485	0.17562	0.452	0.30806	0.33732
-0.0593	0.05649	-0.04893	0.05885	0.26561	0.1128	0.10625	0.06515	0.19746
-0.00871	-0.30743	0.03511	-0.28212	-0.05441	0.26616	0.33038	0.14169	0.10527
-0.05846	-0.03906	0.11124	0.11071	-0.07409	0.16191	-0.16573	0.0664	0.05028

0.13128	-0.24886	-0.04407	-0.16956	-0.04087	0.34126	0.56459	0.40491	0.46332
0.11094	-0.22231	0.23558	0.33377	0.15401	0.15176	0.31913	0.38441	0.35658
-0.03341	-0.136	-0.03127	-0.16736	-0.16836	0.29478	0.27541	0.24081	0.08463
-0.29287	0.04123	-0.01753	-0.03359	0.04022	-0.0015	0.13393	0.11191	0.19055
0.05195	-0.33521	0.08546	-0.08189	-0.10298	-0.13179	-0.16504	-0.2419	-0.30384
-0.46153	-0.67029	-0.05179	0.05673	-0.24676	-0.04638	0.37493	0.01663	0.09936
-0.12243	0.12194	0.05439	0.17934	0.12018	0.1462	0.10606	0.13877	0.03341
-0.28662	-0.02832	-0.03076	0.21255	0.24188	0.00263	0.2811	0.25371	0.1574
-0.23232	-0.00835	0.12593	-0.13095	-0.02852	0.22059	0.61295	0.32036	0.40082
-0.16558	-0.46666	-0.01743	-0.25004	-0.21295	0.10121	-0.21453	-0.15909	0.1118
-0.29623	-0.30823	0.06932	-0.14242	-0.16978	0.12119	-0.0887	0.20864	0.03262
0.15265	0.0867	0.117	0.34786	0.42064	0.30766	-0.00276	0.06452	0.19023
0.17957	0.02363	-0.05975	0.08418	0.1901	0.20551	-0.01512	-0.16458	0.21555
-0.20107	0.14742	0.13238	0.12872	0.18156	0.25162	0.43547	0.23303	0.26225
-0.16789	0.19141	-3.60E-04	0.11225	0.34445	0.04776	0.51069	0.17285	0.27895
-0.01054	0.12014	0.05646	0.10771	0.26018	0.03094	0.31698	-0.0311	0.12848
-0.33148	-0.83795	0.05916	0.10314	-0.09551	0.19803	0.33601	0.3202	0.16501
-0.39141	-0.32925	-0.0344	0.25945	0.13946	0.20969	0.46528	0.27887	0.20636
-0.08349	-0.08076	0.00635	-0.15121	-0.04857	0.41872	0.41267	0.33198	0.35816
-0.27588	-0.44704	0.0106	-0.0395	-0.37163	-0.14896	-0.00339	0.06736	0.26436
-0.22941	-0.0824	-0.0094	-0.10404	-0.13858	-0.02719	-0.00387	0.05989	0.02282
-0.19727	-0.61617	0.15311	0.1326	-0.00292	0.33974	0.49568	0.37995	0.18584
-0.20287	-0.07814	0.08383	0.15112	0.10431	-0.05527	-1.40E-04	-0.19565	0.04948
0.01748	-0.31333	0.34122	-0.023	-0.10695	0.01566	0.11186	0.0559	-0.1635
-0.24204	-0.13406	0.05567	-0.02086	0.05981	0.18043	0.17918	0.25226	0.14951
-0.05004	0.03842	0.21497	0.13548	0.08171	0.19079	0.28983	0.33136	0.12781
0.01444	0.01633	0.21439	-0.38237	-0.27854	0.12447	0.07713	-0.02118	0.04222
-0.14451	0.02126	0.08779	-0.03638	0.2497	0.30786	0.19727	0.15423	0.13169
-0.14867	0.17714	0.06393	0.08762	0.15992	-0.11182	0.25161	0.15471	0.09862
-0.62392	-0.12441	-0.09242	-0.21628	0.05182	0.84244	1.01933	0.90412	0.8851
0.09182	0.05366	0.00236	-0.11401	0.0775	0.42512	0.45352	0.03345	0.43503
-0.04825	-0.07635	0.18051	0.03819	0.03133	0.08899	0.47054	0.19651	0.03858
-0.29832	-0.09151	0.04338	0.14713	0.02897	0.11004	0.21127	0.49778	0.21282
0.34963	0.13267	0.11952	0.29425	0.33601	0.19802	0.26632	0.07685	0.19523
0.0289	-0.04696	-0.10956	-0.08853	-0.02411	0.03297	0.25929	0.22317	0.30776
0.16744	-0.09844	0.18986	-0.26288	-0.29266	0.02617	-0.06305	-0.2629	0.16528
-0.02938	-0.19974	0.20021	-0.25376	-0.24102	0.07426	0.17904	0.188	0.08917
-0.0964	0.23172	0.12176	-0.29347	-0.09602	0.25899	0.19533	0.2527	0.32962
0.05981	-0.37629	0.21269	-0.48808	-0.169	0.13197	0.17249	0.53238	0.63397
-0.16172	-0.19062	-0.0443	-0.04126	0.57503	0.45581	0.36014	0.33065	0.64897
-0.1031	0.11498	0.06747	-0.04169	0.2132	0.20708	0.49955	0.07353	0.26278
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-0.16179	0.07317	-0.03531	0.14049	0.37324	0.01515	0.50384	0.25354	0.18875
-2.70E-04	-0.08691	-0.0019	-0.00164	0.04401	0.09154	0.14835	-0.04711	0.05488
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0.2074	-0.03702	0.11743	-0.03355	-0.02075	0.04181	0.21006	0.20524	-0.02786
0.31472	0.0193	-0.03565	-0.14215	-0.10505	0.25282	0.23806	0.29147	0.39162
-0.21343	-0.08103	0.19949	-0.13211	-0.16999	0.00324	0.22328	0.25141	0.33238
-0.12977	-0.14295	0.21485	0.23602	0.08438	0.22458	0.31738	0.26753	0.17327
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-0.3374	-0.64942	0.27445	-0.30441	-0.45439	-0.14824	0.17026	0.05358	-0.14016
-0.09896	-0.22266	0.13865	-0.21007	-0.17037	0.08889	0.23234	-0.11691	0.07824

0.35764	-0.30764	0.30416	0.21983	0.0903	0.11517	-0.15459	0.08765	0.05103
0.36663	0.32561	-0.14349	-0.03414	0.28323	0.47119	0.47811	0.00156	0.30369
-0.21723	0.07953	0.24954	0.20045	0.14646	0.26081	0.17588	0.19486	0.21057
-0.04441	0.21627	0.06671	-0.02571	0.12796	0.24377	0.3876	0.06337	0.4117
-0.11348	0.0216	0.1243	0.23926	0.20457	0.11773	0.23262	0.08347	0.12978
-0.31977	-0.2427	-0.00787	-0.14803	-0.31624	-0.02367	0.08186	0.10111	0.03588
-0.25778	-0.12514	0.03178	-0.25779	-0.12197	-0.05563	-0.01858	-0.15222	0.09112
-0.20427	-0.1482	0.00562	0.07379	0.03742	-0.1909	-0.17295	-0.00606	-0.16032
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-0.2114	0.0374	0.07524	0.02645	0.15935	0.13053	0.35079	0.21706	0.17865
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0.36585	0.34297	-0.1398	0.09995	0.20837	0.7764	0.3825	-0.2204	0.14776
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-0.01225	0.11237	0.03955	0.05242	0.33145	0.17703	0.55149	0.13464	0.26747
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0.08285	-0.40353	0.16952	-0.13928	-0.06649	0.0498	0.21428	-0.09488	0.29416
-0.24394	-0.45475	0.19775	0.43102	0.09805	-0.13177	0.12843	0.03251	0.00579
-0.00256	0.07523	0.06517	-0.04305	-0.16995	0.02677	-0.16785	0.13959	0.07701
-0.02647	0.12143	-0.16814	-0.36839	-0.25817	0.22479	0.17229	-0.12814	0.05303
-0.05224	0.0414	0.09249	-0.09279	0.17726	0.03451	0.1047	-0.16916	-0.02541
-0.04712	0.04659	0.06691	0.01057	0.08734	-0.17369	-0.03409	0.15366	0.17167
0.00675	0.02323	0.07258	0.05488	0.00133	0.2577	0.1179	0.35932	0.38478
0.02318	0.00975	0.06868	0.13692	0.14825	0.09925	0.21523	0.09896	0.04704
-0.23325	0.00307	0.04898	0.15006	0.14159	0.19551	0.14812	0.17132	0.12054
-0.14429	-0.02945	0.02297	0.21739	0.26277	-0.08495	0.20126	0.08815	0.15159
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0.00396	0.01332	-0.03417	0.07678	0.36221	0.01458	0.10491	0.089	0.11116
0.04585	-0.21419	-0.09061	0.10316	0.05744	0.14968	0.18359	0.16579	0.16879
-0.14337	-0.50034	0.17962	0.23216	0.04298	-0.42573	0.04977	0.15366	-0.14908
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-0.22853	-0.30869	-0.02301	-0.16406	-0.06548	0.15991	-0.21454	-0.18787	0.13071
-0.226	-0.29689	0.17375	0.02873	-0.18329	-0.08598	0.13512	0.3565	0.06335
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0.02449	-0.13311	0.12215	0.33747	0.14999	0.06399	0.24442	0.25186	0.01793
0.00335	-0.05714	0.0652	0.16156	0.08669	0.02277	0.25328	0.22483	0.14309
0.38231	-0.70484	0.1128	-0.00789	-0.2886	0.44767	0.29903	0.40675	0.0927
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0.03931	-0.04425	0.17381	0.27305	0.51824	0.36063	0.40265	-0.17635	0.18136
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-0.05015	-0.10652	0.03417	0.11302	0.03327	0.05871	0.09557	-0.01214	0.12397
-0.25889	-0.49169	0.29497	-0.15508	-0.73956	-0.27112	0.07859	-0.16493	-0.39111
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0.24707	-0.40507	0.13993	0.2906	-0.13193	0.13811	0.10511	0.01428	-0.10431
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0.01036	-0.01881	0.05506	0.04165	0.08027	-0.00896	0.29208	0.08712	0.011
0.16695	-0.54576	0.43615	0.15759	-0.0299	0.05807	0.13227	0.34996	-0.07742
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0.08338	-0.05754	0.11721	0.07806	0.18418	0.15219	0.30927	0.1338	0.21796
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0.17926	0.19695	-0.21847	-0.30687	-0.02258	0.53256	0.6348	0.51575	0.56349
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0.08334	0.18917	0.22025	0.23741	0.3623	0.24626	0.342	0.04809	0.21468
0.33636	0.04116	0.36803	0.67774	0.28039	0.06945	0.07643	-0.04704	-0.09769
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0.06506	-2.60E-04	0.01845	-0.02843	0.05256	-0.01028	0.22648	0.26776	0.21625
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0.10746	-0.56305	0.00303	-0.08977	-0.15925	0.19158	0.30427	0.29289	0.22614
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0.01773	0.16215	0.13963	0.40754	0.52425	0.06072	0.33762	0.07361	0.03144
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0.07715	-0.10249	0.0868	0.02887	0.12152	-0.00905	0.19873	0.09322	0.09464
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0.24069	-0.23817	0.00308	-0.04025	0.07124	0.1519	0.06136	0.04137	0.17478
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0.22453	0.32773	0.40127	0.39732	0.6995	0.50149	0.6369	0.26749	0.48582
0.28357	-0.14617	-0.02456	0.01328	0.10562	0.16112	0.38216	0.2682	0.30656
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0.20076	0.43725	0.71038	0.54146	0.57121	-0.45777	-0.13756	-0.61184	-0.36207
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0.14	0.03202	0.01427	0.20689	0.3678	-0.00752	0.19222	-0.05917	0.11533
0.14882	-0.02521	-0.07022	0.12345	0.22269	-0.03207	0.3079	0.18254	0.16676
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0.26652	-0.12301	0.10309	0.30189	0.35532	0.23944	0.35528	0.32527	0.43489
0.00182	-0.23966	0.15238	-0.11088	0.16147	0.14237	0.0629	-0.01989	0.21713
0.09114	-0.0295	0.10486	-0.00356	0.03409	0.08056	0.04973	0.04538	0.03392
-0.08716	-0.07303	0.26212	0.02711	0.26827	0.26122	0.20718	0.33031	0.53237
0.02772	0.01477	-0.01328	0.25215	0.27035	0.21415	0.30509	0.19649	0.28688
0.15336	-0.22741	-0.18094	0.10113	0.03339	0.00591	0.09386	0.05753	-0.05373
1.40E-04	0.23134	0.28941	0.16155	0.42488	0.25801	0.45393	0.18042	0.23074
-0.03949	-0.64074	0.11885	-0.00449	-0.25005	0.52248	0.10723	0.36217	0.17518
-0.03786	-0.547	0.11339	0.01586	2.00E-05	0.18048	0.296	0.36318	0.33213
0.00559	-0.02042	0.14588	0.29362	0.38306	1.37901	1.29246	1.20088	1.14721
0.0173	-0.34718	0.01652	-0.15397	-0.0452	0.30594	0.16357	0.07949	0.25708
-0.15776	-0.15416	0.03075	-0.06538	0.04645	0.06604	0.38021	0.09574	0.04303
-0.71771	-0.68877	0.26771	-0.08839	-0.29758	-0.11095	0.30029	0.36282	0.248103
-0.40034	0.09968	0.22743	-0.04184	-0.04806	0.12594	0.08721	0.03602	0.05307
-0.10158	-0.0644	-0.01183	-0.38338	-0.15545	0.23709	0.24163	-0.01674	0.21757
0.04028	-0.17915	0.57853	0.42041	0.0772	0.08635	-0.19875	-0.09085	-0.16505
-0.16746	0.16386	0.08695	-0.11995	0.02504	0.07811	0.34755	0.26511	0.11822
-0.01275	0.26245	0.01054	-0.1785	0.07838	0.49102	0.11703	0.07192	0.6074
-0.41076	-0.04804	-0.08181	0.15969	0.28842	0.3482	0.36419	-0.03044	0.30006
-0.0607	0.04731	0.06728	-0.20276	0.01133	-0.11889	-0.16539	-0.01767	0.11546
0.07221	-0.66065	0.15703	-0.1309	-0.16325	0.1934	0.15036	0.44492	0.10594
0.30852	-0.58495	0.09452	0.04672	-0.02124	-0.08882	-0.06413	-0.06651	-0.15378
-0.1993	-0.026	-0.01388	-0.01062	0.05668	-0.02581	0.0365	0.12326	0.00519
0.00872	-0.0194	0.07848	0.00881	0.09757	-0.07879	-0.04265	0.12897	0.07737
0.06032	0.08891	0.09824	-0.06235	0.00217	0.0361	-0.01326	-0.06199	0.03034
-4.00E-05	0.13122	0.12122	0.02574	0.1685	-0.093	0.26303	0.01231	0.0865
0.15054	0.23065	-0.06641	-0.09304	0.16478	0.2587	0.22666	-0.37663	0.09069
0.04432	0.08638	0.01557	0.4818	0.23143	-0.14314	-0.1265	0.24476	0.19234
0.07847	0.05649	-0.0198	-0.05616	0.00138	0.07827	0.27931	0.23043	0.14149
-0.04448	0.03891	-0.03578	0.21204	0.02967	0.05946	0.15913	0.18974	0.4654
0.78978	0.13172	-0.33556	-0.81305	-0.66422	0.80205	1.27295	0.99984	0.83272
-0.02619	-0.34652	0.10068	-0.34763	-0.59064	0.00149	0.25828	0.28215	0.38379
-0.08643	0.00269	0.00833	-0.06028	0.04956	-0.05395	0.03672	-0.05089	-0.02559
0.00452	-0.1125	0.07716	-0.20243	-0.09	0.27689	0.38285	0.0283	0.15588
0.10375	-0.12263	0.02341	0.00751	0.13206	0.03083	0.25984	0.17729	0.11545
0.33516	-0.19046	0.05244	-0.07223	-0.06209	-0.08042	-0.09788	0.00327	-0.21132
-0.0498	0.09312	0.02582	0.07642	0.39114	0.34739	0.54055	0.12722	0.27901
-0.2073	-0.39246	0.14501	0.10159	-0.1254	-0.01172	-0.06582	-0.07394	0.17557
-0.41065	-0.09326	0.12959	0.04173	-0.05587	-0.12013	0.03093	0.37065	0.11601
0.00531	0.04479	0.036	0.10995	0.2413	0.17394	0.26622	0.27856	0.33787
0.15038	-0.38545	0.03002	-0.28733	-0.23672	0.44801	0.54046	0.31855	0.22463
0.04132	-0.61197	0.08301	0.10924	-0.4228	-0.13294	0.00113	0.04662	0.10147
-0.15048	-0.07337	0.11287	-0.09004	-0.12859	-0.09933	-0.02538	-0.01678	0.05998
-0.05081	-0.16413	0.04181	-0.08595	-0.15439	-0.0951	0.05558	0.17691	0.02139
0.18877	-0.03554	-0.18656	-0.02012	0.21427	-0.14187	-0.02403	-0.32341	-0.04594
0.11703	-0.12622	-0.10391	-0.41232	-0.18215	-0.02858	0.18139	-0.21731	0.03064
-0.1935	-0.01687	-0.12773	0.02151	0.17621	0.15884	0.31457	0.25964	0.44954
0.09595	0.14106	0.1482	-0.01838	0.26426	0.18463	0.05653	-0.11901	0.2496
-0.20831	0.078	0.09346	-0.07286	0.06193	0.05783	0.33507	0.07936	0.11469

-0.13738	-0.21836	0.07787	-0.08483	0.00748	0.02986	0.02504	0.03406	0.12344
0.12758	0.37571	0.02444	0.12249	0.31585	0.47843	0.50541	0.2443	0.36147
-0.12294	-0.10312	0.00885	-0.08941	-0.07617	0.02949	0.20795	0.03732	0.10926
-0.05909	-0.10471	0.16492	0.11416	0.16621	0.27083	0.15307	0.16795	0.29177
-0.25802	0.06558	0.06479	0.03212	0.12914	-0.08817	0.10328	0.17462	0.10656
-0.5744	-0.26167	0.07607	0.1539	-2.30E-04	0.17296	0.19957	0.24819	0.15554
-0.16072	0.10757	0.1199	-0.04697	-0.322	0.20562	0.07281	-0.01587	0.10349
0.0421	-0.05642	-0.04607	-0.14751	-0.19143	-0.07468	-0.05968	0.01223	-0.008
-0.2195	0.10574	0.06241	-0.08312	-0.14007	0.0124	0.04332	0.28747	0.13284
-0.17238	0.17159	0.0944	-0.00662	0.18854	0.09977	0.47394	0.29503	0.24299
0.0696	-0.48484	-0.08067	-0.06955	-0.23692	-0.14951	-0.00791	-0.0827	-0.39907
-0.09469	0.02861	0.03849	0.08483	0.37666	0.24147	0.18999	0.09372	0.17771
-0.21353	-0.29598	0.13501	0.12569	0.0897	-0.01101	-0.01164	-0.04593	0.08392
-0.2602	-0.13885	-0.00121	0.08449	0.03574	-0.0701	0.05565	0.19768	0.00719
0.18923	0.09257	-0.08407	-0.30349	0.0103	0.36587	0.2382	0.09925	0.21115
0.2415	-0.1213	-0.20523	-0.37941	-0.31655	0.69455	0.03723	0.41153	0.4069
-0.18592	-0.54401	0.0403	-0.0374	-0.21647	-0.28734	0.09626	-0.15237	-0.00698
-0.2628	0.0083	0.19429	-0.14373	0.01826	0.19018	0.23054	-0.18418	-0.05456
0.24909	-0.14018	-0.02075	-0.172	-0.27951	-0.02473	0.05465	-0.02244	0.19394
-0.11493	-0.11491	0.06554	0.20524	0.07426	-0.07217	0.15384	0.09146	0.1921
-0.17861	-0.05771	0.04989	0.09409	-0.03034	0.04619	0.01353	0.05894	-0.268
0.04444	0.02565	0.07591	0.1617	0.21767	-0.07956	0.15374	0.12105	0.11581
-0.20507	0.23012	0.01794	-0.00728	0.19916	0.15514	-0.11749	-0.23393	-0.02949
-0.50076	-0.00513	-0.10452	0.07129	0.22722	0.76857	0.42938	0.08179	0.4393
-0.36111	0.18424	-0.03802	0.0428	-0.10993	-0.13135	-0.14045	0.30847	-0.15097
-0.29972	0.25255	0.12265	0.17091	0.05255	0.21474	0.13617	-0.32337	-0.00985
0.15057	-0.31648	-0.19317	-0.16344	-0.02133	0.15782	0.18083	0.09612	0.08515
-0.24458	-0.06755	-0.05317	-0.20072	-0.08026	0.22391	0.30562	0.1945	0.1763
-0.22704	-0.07438	0.31758	-0.15356	-0.10107	0.44427	-0.17596	-0.10081	0.29642
-0.28845	0.11063	0.23215	0.04974	0.00774	0.38354	0.20892	0.19118	0.23273
-0.28437	0.02902	-0.00277	-0.18679	-0.06923	-0.04131	0.36362	0.17583	0.08642
0.04742	-0.33644	0.11258	-0.14108	-0.05247	0.29556	0.40068	0.21579	0.28298
0.04477	-0.14914	0.06337	0.18288	0.1249	0.11049	0.26556	0.18509	0.05122
-0.22164	-0.322	0.24027	0.12092	0.0579	0.13132	0.18845	0.53194	0.09334
0.24587	0.29259	0.16927	0.06124	0.28113	0.07369	0.31871	0.0092	0.11489
-0.08778	0.01909	-0.03648	0.03438	0.17541	0.11407	0.17582	0.04118	0.09566
-0.22483	-0.12965	0.14093	0.26773	0.11599	-0.06525	-0.02754	0.22772	0.19465
-0.07671	0.08678	0.30956	0.55208	-0.08366	-0.4168	-0.17493	0.13148	-0.04229
-0.09322	-0.03138	0.08542	-0.05617	0.03299	-0.04696	0.2241	-0.05406	0.02294
-0.44414	0.23772	0.30335	0.4458	0.37329	0.19037	0.3209	0.56717	0.48956
-0.1623	-0.12383	0.0806	-0.03759	-0.04169	0.23877	0.1942	0.21776	0.11551
-0.0602	-0.40336	0.229	0.13203	-0.05748	0.066	0.21547	0.23166	0.09124
0.12275	-0.13211	0.01933	0.11126	0.04895	-0.09705	-0.03311	-0.2427	-0.10516
-0.61419	-0.01124	0.09163	0.16619	0.26339	0.42055	0.18143	0.37337	0.39772
0.53587	0.24548	-0.13131	-0.05796	0.1857	0.34143	0.30839	-0.11161	0.27753
-0.17463	-0.63568	0.0309	-0.22477	-0.18215	-0.38049	0.35367	0.43114	-0.64457
-0.16766	0.00894	-0.00355	0.20187	0.2241	0.28761	0.38252	0.32229	0.23892
-0.18354	-0.04084	-0.32007	-0.28949	0.12786	0.74018	-0.17244	-0.61029	0.67422
-0.06262	-0.13705	0.08498	0.31235	0.25104	0.11185	0.30379	0.24923	0.16158
-0.36977	-0.4547	0.1248	0.06882	-0.19006	0.22631	-0.04778	0.3313	0.16687
0.08711	0.05405	0.04426	-0.2636	0.02972	0.1964	0.17603	-0.02222	0.15948
0.07131	-0.94422	0.52328	0.39036	-0.9786	0.25106	0.01559	1.33915	-0.62511

0.0853	-0.20005	0.00815	-0.01031	-0.00871	-0.04384	0.06741	0.29546	-0.16045
-0.02061	-0.1599	-0.03851	-0.02168	-0.00204	-0.01441	0.16051	0.25558	0.09943
0.13678	0.40824	0.48224	0.60814	0.62001	0.0298	-0.04229	-0.03416	-0.08718
-5.90E-04	-0.28178	-0.05262	-0.00387	-0.12616	0.15928	-0.03044	4.10E-04	-0.00203
-0.31253	-0.42087	0.03518	-0.50276	-0.45716	0.28425	0.02383	0.38292	0.47703
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-0.16956	-0.43005	0.01165	-0.00111	0.03874	-0.00885	0.29205	0.0934	0.12751
0.16135	-0.52301	-0.0259	-0.00657	-0.09461	0.02316	0.25414	0.22472	0.20041
-0.0079	-0.04694	0.03666	-0.10121	-0.00937	0.25369	0.21086	-0.07408	0.2395
0.12325	-0.13394	0.08764	-0.01257	-0.04378	0.24624	0.03847	0.30918	0.23756
-0.27926	-0.12894	-0.07786	-0.06003	0.0298	0.09529	0.28855	0.12592	0.08205
-0.3571	0.01022	0.17479	-0.10062	0.09434	0.36405	0.50413	0.05593	0.20957
0.20066	-0.62091	-0.11629	-0.02024	-0.14148	0.04152	0.07607	-0.27161	0.33822
-0.28277	-0.17364	0.00308	-0.10126	-0.03176	0.08422	0.08741	0.1586	0.09124
-0.12545	-0.26882	0.27959	0.05537	-0.14605	0.06495	0.40459	0.52953	0.19854
0.18593	-0.08233	0.15466	0.12819	0.1479	0.04692	0.25414	0.01494	0.15986
-0.17675	-0.29013	0.0647	0.11049	0.04391	0.16751	0.13677	0.16259	0.38924
-0.2564	-0.04692	0.14686	0.31508	0.21033	0.22623	0.19042	0.14	0.1683
0.08092	-0.19629	0.28485	-0.21785	-0.12082	0.28162	0.37999	0.50475	0.22187
0.11149	-0.4841	0.02831	-0.17585	-0.26724	0.01989	-0.02947	0.15018	0.30292
-0.42368	-0.07156	0.02685	-0.05635	-0.09209	0.19614	0.26958	0.3735	0.35443
0.25103	0.00798	-0.00613	-0.09408	0.08539	0.3896	0.13375	-0.24112	0.3413
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-0.0859	0.05941	0.2272	0.17912	0.05076	-0.06309	0.22921	0.46646	0.15106
0.37814	-0.19499	-0.03535	0.16753	-0.02926	0.40452	0.22585	0.3366	0.40672
0.16802	-0.76434	0.4297	0.52399	-0.17743	0.39389	0.25657	0.41668	-0.02179
0.11808	-0.2043	0.02219	-0.40158	-0.36229	0.26138	0.39734	0.21375	0.24301
-0.32351	-0.3293	0.05521	-0.11495	-0.18706	0.05124	0.28852	0.07185	0.1536
-0.54935	-0.50658	0.2392	0.35687	-0.06608	0.10182	0.37092	0.39151	-0.10903
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0.15057	-0.37868	0.13579	-0.05487	-0.00539	0.012	-0.01595	-0.33995	0.06824
-0.20295	-0.23256	0.01648	-0.01387	0.18211	0.28518	0.3426	0.19908	0.09291
0.03835	0.01391	0.03798	0.23003	0.22353	0.05135	0.0809	0.14448	0.12598
-0.25514	-0.49994	0.20573	0.02586	-0.19256	-0.22254	-0.11601	-0.04359	-0.15129
-0.49908	-0.10977	0.10591	-0.17673	-0.16275	0.36252	0.14049	0.37126	0.41261
0.07366	-0.16145	0.08746	-0.15596	-0.09975	0.20002	-0.11337	0.03029	0.25862
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-0.1774	0.0871	0.03047	0.12348	0.17227	-0.03972	0.07579	0.11672	0.00108
-0.02467	0.33204	0.01365	-0.2561	-0.38356	-0.2248	-0.41587	-0.05951	0.30074
0.17113	-0.29135	0.10258	0.05566	0.06606	0.35146	0.29297	0.08121	0.37753
-0.14978	-0.30092	0.17957	0.16829	-0.09352	0.00364	0.09716	0.11138	0.03801
0.48662	-0.28033	-0.0523	-0.40871	-0.17084	0.0255	-0.03707	-0.23995	-0.09158
0.2197	0.21238	-0.10678	-0.20491	0.26265	0.38289	0.39701	0.28813	0.38317
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-0.19688	-0.06382	0.12559	-0.18053	-0.15713	-0.10556	0.18377	-0.03007	0.04202
-0.19675	-0.4058	-0.03856	-0.08387	-0.17399	-0.09003	0.2561	0.35729	0.12912
0.03905	-0.50852	0.19607	0.34062	0.05527	-0.0454	0.1654	0.3562	0.08367
0.03361	-0.16013	0.05543	-0.01791	0.14858	0.27135	0.19769	0.05506	0.16063
-0.07583	-0.23459	0.1063	0.0991	0.01414	-0.04624	0.01268	0.24353	0.01916
0.47201	0.27161	0.03586	0.06237	0.10378	0.05088	0.31971	0.4934	0.37199

-0.19375	0.01451	0.0952	0.18333	0.31378	0.19545	0.38329	0.13263	0.10357
0.42312	-0.0797	0.07716	-0.14517	0.08147	-0.30427	-0.00622	-0.35923	-0.21805
-0.15903	-0.18352	0.00261	-0.06253	0.13533	0.19617	0.52296	0.22421	0.25608
0.36174	-0.15179	0.11083	0.18392	0.08239	0.16961	0.19137	0.35666	0.14411
0.08731	0.0022	-0.03176	-0.09546	-0.07316	0.02457	-0.42253	-0.20942	0.14409
-0.09516	0.09761	0.07174	0.21969	0.13663	-0.13484	-0.09592	0.12042	-0.02572
-0.01689	0.01228	0.04424	0.24882	0.15246	0.03676	0.09631	-0.08403	0.02457
-0.1158	-0.40202	-0.02569	-0.18401	-0.34658	-0.07838	-0.14027	0.12436	0.00977
-0.30787	-0.25206	0.1435	-0.08324	-0.14084	0.10761	0.32222	0.1202	0.03906
0.27828	-0.27679	0.00779	0.18238	0.12847	0.1826	0.10245	0.14311	0.06934
-0.28364	-0.00217	0.02239	0.04769	0.18843	0.33025	0.17856	0.15162	0.26016
-0.36718	0.25435	-0.01909	-0.22607	-0.02344	0.23569	0.20207	0.31347	0.31931
-0.32153	-0.0864	-0.02554	0.07101	0.01951	-0.1779	0.08791	-0.02208	0.01301
-0.25862	-0.15923	0.48638	-0.0923	-0.30466	0.46537	0.51722	0.59313	0.65144
-0.04001	0.20825	0.15776	0.09504	0.20165	0.10015	-0.00522	0.14208	0.16756
0.07444	-0.23284	0.03342	0.04847	0.01561	0.13636	0.17814	0.10575	0.09291
0.04591	-0.18692	0.13793	0.07595	0.00133	0.07596	-0.01402	0.29897	0.30616
-0.04035	-0.13223	0.04865	-0.08696	-0.16093	-0.022	0.07222	0.24622	0.12344
-0.19414	-0.30254	-0.10695	-0.14917	-0.03349	0.20773	0.37998	0.1258	0.28277
0.3084	0.01105	0.00191	0.26367	0.15397	-0.01898	-0.04574	-0.16185	0.04436
-0.31094	-0.20275	0.35646	0.18247	-0.01376	0.04777	0.15893	0.1306	-0.12072
-0.03432	-0.16831	0.1127	-0.13613	-0.29724	-0.20555	-0.26858	-0.16161	-0.26039
-0.33685	-0.15594	0.10394	0.22607	0.03493	-0.21394	-0.27115	-0.06005	0.03694
0.27944	-0.02202	-0.07228	-0.12565	-0.17098	-0.06668	0.02321	0.02841	-0.07406
0.14749	0.15665	-0.02065	0.06227	0.27742	-0.00959	0.11779	0.33336	0.16248
-0.30523	0.01773	-0.04881	0.04217	0.17544	0.23495	0.27421	0.11873	0.16037
0.08067	0.11133	0.1422	-0.08397	-0.0356	0.01329	0.08707	0.07423	-0.02193
-0.27342	-0.19877	0.03124	0.02476	0.10846	-0.15531	-0.2983	0.1365	0.00412
-0.32506	-0.4132	0.1958	0.09551	-0.26714	-0.49023	-0.30703	-0.11967	-0.35209
-0.08946	-0.01419	-0.00231	0.17271	0.24649	0.01864	0.12524	0.13018	0.03978
-0.06683	-0.24401	0.08194	-0.22611	-0.11612	-0.11666	0.18528	-0.27922	-0.00825
-0.2334	0.05652	0.00715	-0.08773	0.0749	0.10314	0.08798	0.0672	0.06611
-0.11057	-0.11726	0.07984	0.34439	0.17517	0.1376	0.17644	0.33533	0.09547
0.3407	-0.09726	0.09076	-0.0742	0.17018	0.14294	0.01864	0.19661	0.23255
-0.16647	-0.15794	0.0583	0.17726	0.11376	-0.061	0.05739	-0.07923	-5.20E-04
-0.08881	0.03557	0.22411	-0.02385	0.02681	0.16315	0.20186	-0.07106	-0.04826
-0.04705	-0.31144	-0.09015	-0.14143	-0.25416	-0.18028	-0.05819	0.11639	-0.13938
-0.0813	-0.04134	0.07685	0.11296	-0.10815	0.11408	0.24072	0.0204	0.06816
0.12703	-0.15368	-0.17998	-0.18665	-0.19278	-0.16434	-0.45351	-0.33816	0.11206
-0.34607	0.06685	0.01226	-0.00893	-0.15029	0.0054	0.13097	0.12974	0.13312
-0.10171	-0.26936	0.11137	0.06648	-0.08155	-0.09889	0.137	0.17527	0.04203
-0.16313	-0.05317	0.10437	0.09524	0.00339	0.1612	0.22211	0.12547	0.09959
-0.04184	-0.02	-0.0447	0.09905	0.05127	0.09019	0.51834	0.13199	0.27139
-0.11506	-0.02919	-0.01279	0.09183	0.16325	0.16063	0.26543	0.07722	0.14923
0.1297	-0.29394	-0.22639	-0.22617	-0.05188	-0.05114	0.19836	-0.18273	0.07837
0.25569	-0.25742	-0.08729	0.38754	0.43287	0.12487	0.15471	0.05789	0.4146
0.44198	-0.08907	-0.06425	-0.32324	-0.17291	0.15672	-0.11408	-0.20371	-0.16202
-0.02684	-0.15994	-0.01845	0.10631	0.26152	0.376	0.51718	0.30409	0.30752
0.08935	-0.17813	0.00406	0.0122	0.06376	0.13712	0.14136	0.5333	0.34067
-0.06969	0.07885	0.15382	-0.05372	0.09135	0.02496	0.12401	-0.12745	0.00378
-0.32051	-0.75383	0.20286	0.26082	-0.10189	0.13909	0.04383	0.04914	0.09295
-0.24205	-0.18451	0.07798	-0.15714	-0.23831	-0.03116	0.25921	0.18946	0.10141

-0.00126	0.10237	-0.04579	0.08577	-0.06614	-0.23944	-0.14062	0.12653	0.00857
0.10266	0.04391	0.16572	0.14622	0.16985	0.18009	0.06926	0.19723	0.17466
-0.07015	0.13651	-0.08321	0.18621	0.34772	0.15649	0.18949	0.07694	0.3152
0.12387	0.08115	0.03398	-0.17836	0.16341	0.10778	-0.23508	-0.09153	0.2048
-0.00249	-0.12593	0.19315	0.10835	0.08032	0.22375	-0.10016	-0.11136	0.1189
-0.43059	-0.46729	0.22618	0.01876	-0.14372	0.21093	0.62284	0.62642	0.34468
-0.85527	-0.47973	0.15802	0.08245	0.01292	0.06724	-0.06663	0.06582	0.05758
-0.1035	0.11855	0.01593	0.22158	0.16173	0.01542	0.13079	0.11975	0.14169
-0.24022	0.03531	0.08436	0.06691	0.27034	0.23696	0.21337	0.10385	0.09066
-0.51214	0.33499	0.12981	0.11382	0.36084	0.61767	0.60184	0.43715	0.48372
0.16125	-0.07364	0.041	0.09959	0.01817	-0.0767	0.02177	0.09602	-0.08364
-0.1094	-0.04653	0.11384	-0.2195	-0.21521	0.24217	0.11444	0.13758	0.12102
0.04007	0.31302	0.25104	-0.03039	0.09888	0.03241	-0.15533	-0.25523	-0.05569
-0.24608	0.02915	-0.05326	-0.14111	-0.15305	0.02158	-0.17856	-0.02169	0.0051
-0.27716	-0.32746	0.1467	0.07938	0.31188	0.29881	-0.24435	0.0467	0.15364
-0.12145	-0.16664	-0.02523	-0.24205	-0.31649	0.21287	0.27188	-0.29953	0.17139
-0.09217	-0.16767	0.06125	-0.02039	0.08063	-0.0885	0.03763	-0.06143	-0.04935
-0.57326	-0.42985	0.27066	0.31317	-0.17399	-0.14899	-0.00166	0.25145	-0.11582
0.1916	-0.12225	-0.13172	-0.19913	0.03235	0.27453	-0.0599	-0.1586	0.16331
-0.22015	0.03386	0.07135	-0.12626	-0.02208	0.01135	0.22356	0.07596	0.02609
-0.01761	-0.11395	0.00782	-0.02264	0.05148	-0.04408	-2.20E-04	0.19404	0.33328
0.03137	0.01905	-0.14151	-0.03694	-0.10855	0.01549	-0.14525	-0.06369	0.13974
-0.15477	0.07815	-0.01339	0.18236	0.30705	0.1732	0.21878	0.07608	0.07295
-0.03365	-0.26539	-0.16527	-0.56263	-0.45149	0.16664	0.10799	-0.08858	0.13051
-0.2043	-0.41079	0.16422	0.0391	-0.1147	0.25461	0.34609	0.3924	0.30917
-0.25412	-0.1355	0.20242	0.21059	0.09817	0.10621	0.39152	0.2626	0.16861
-0.13277	0.05527	0.02475	0.037	0.13425	-0.0128	-0.03281	0.00666	0.10639
0.13865	0.24069	0.05481	0.1298	0.07193	0.30123	0.14016	0.15359	0.2336
0.23497	-0.06297	0.02202	-0.03618	-0.06341	0.06283	0.31671	0.11359	0.08557
0.73705	-0.23112	-0.74829	-0.74988	-0.36787	0.18113	0.26221	-0.57456	0.12629
-0.02967	0.20853	0.03763	-0.67473	-0.03524	0.1381	0.47501	0.25092	0.08419
-0.34393	0.05069	0.13954	-0.01758	0.02585	0.09059	0.23851	0.1624	0.10009
-0.2548	-0.23236	-0.08844	0.10741	-0.08247	-0.16905	-0.25697	-0.03162	0.07715
-0.11766	0.09139	0.1038	-0.0101	0.08687	0.0805	-0.01652	-0.10319	-0.04082
0.05942	0.00579	0.04251	-0.0178	0.04475	0.02872	0.2124	-0.04401	0.03425
-0.28662	0.2728	-0.02989	0.20948	0.2184	0.00489	-0.03186	-0.41139	0.33009
-0.13725	-0.3636	0.01607	0.00672	-0.18214	0.2424	-0.52943	-0.20056	0.361
-0.42351	-0.08661	0.23591	0.19587	-0.09973	-0.06559	-0.07474	0.29394	0.0939
0.22107	0.23333	-0.01498	-0.40026	0.14663	0.37887	0.01927	0.03345	0.42244
0.05935	0.02069	-0.02368	0.04099	0.18281	-0.11226	0.02033	-0.1399	2.00E-05
0.38274	-0.56931	0.28219	0.13324	-0.15035	-0.30208	0.20987	0.19014	-0.0815
0.13701	-0.13356	0.13873	-0.01669	0.04262	-0.13005	0.12094	-0.00525	-0.04802
0.45044	0.48804	0.53048	0.29472	0.51921	0.09158	-0.24131	-0.11274	0.06926
-0.14944	-0.14467	0.05701	0.07659	0.01977	0.16379	0.13983	-0.10147	0.08492
-0.17826	0.06441	0.11631	0.21318	-0.0041	0.14012	0.2707	0.39226	0.10779
-0.24763	-0.28384	0.22	0.1185	-0.18213	-0.01616	-0.04223	-0.12784	-0.02047
-0.10858	-0.6194	0.24327	0.20915	0.02653	0.31267	0.42721	0.47276	0.26752
0.04042	-0.43471	0.23777	-0.06117	-0.02021	0.57164	-0.2468	0.09321	0.17136
0.04041	-0.12958	-0.04055	-0.0477	0.11023	0.21533	0.16635	0.3359	0.28687
-0.04509	-0.20784	-0.04514	-0.22751	-0.07756	-0.02498	0.30204	-0.12452	0.08565
0.20619	-0.21217	0.17914	-0.32275	-0.07003	0.04772	0.16232	0.54002	0.23311
-0.13276	0.15467	0.07531	0.08113	0.42677	0.10946	0.40572	0.19728	0.10075

0.28371	-0.25704	-0.03589	0.01467	0.0036	-0.06679	0.09169	0.03091	-0.05389
0.12377	-0.15842	0.06233	0.34347	0.4278	0.23654	0.127	0.16154	0.41182
-0.00362	-0.21536	-0.1963	-0.10876	-0.01087	0.2484	0.20922	0.01359	0.22722
-0.1763	-0.06222	0.17697	0.08265	9.50E-04	-0.30973	-0.14113	-0.09701	-0.06665
0.25708	-0.1558	-0.05226	0.02427	0.05779	0.1648	0.14968	0.14857	0.09464
-0.00814	-0.20426	0.03639	0.10804	0.10147	0.0382	0.15544	0.20899	0.10447
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-0.03522	-0.06311	-0.01218	0.08296	0.07207	0.04337	0.0403	0.14891	0.15521
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0.04869	-0.32581	0.13488	0.27814	0.06873	-0.0469	0.12266	0.03444	0.05598
0.16547	-0.16535	0.11436	0.01997	0.03862	-0.00133	0.10645	0.12577	0.04298
-0.12022	-0.15947	0.02222	-0.02848	-0.2889	0.05699	-0.08031	0.25819	-0.04801
0.09628	-0.00322	0.06918	0.01902	-0.07796	0.17078	0.14393	0.0278	-0.09593
-0.21272	-0.05908	0.03906	-0.31872	-0.01334	0.22375	0.3469	0.11993	0.21486
-0.19611	-0.26552	0.06948	-0.34691	-0.37634	-0.04659	0.09409	-0.01397	0.15794
-0.23642	-0.04794	0.09499	-0.05602	-0.03534	0.55373	0.30573	0.46434	0.41789
-0.17773	-0.38731	-0.12643	-0.09314	-0.41908	0.16598	0.21856	0.19158	0.10068
-0.2168	-0.26038	0.1811	0.0879	-0.28987	0.01441	-0.03002	0.43188	0.12246
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-0.18807	-0.36366	0.21995	0.20421	0.02651	0.0298	0.02064	0.06118	0.09174
0.65304	-0.08975	-0.22439	-0.38252	0.31274	0.68402	-0.00749	-0.13073	0.26039
0.36642	-0.42611	0.04402	0.14309	0.03418	-0.11678	0.04416	-0.09616	-0.13313
0.00987	-0.25275	0.64414	0.63962	0.06212	-0.47353	0.51125	0.29358	0.37147
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0.10648	-0.04468	0.05639	0.12133	0.42796	0.51186	0.43142	0.06679	0.27195
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-0.17077	-0.08836	-0.04011	-0.1838	-0.16595	-0.01703	0.06155	-0.0905	0.09076
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-0.18416	-0.21241	0.14207	0.12537	-0.04663	-0.25762	-0.22579	-0.05604	-0.10693
-0.08917	-0.17519	0.163	0.27166	-0.06953	0.13399	0.30732	0.21804	0.13735
-0.16867	-0.36697	0.23789	0.12579	-0.15329	-0.12352	-0.32025	0.02675	-0.05814
0.03144	-0.10301	-0.02048	-0.11374	-0.03306	-0.15846	-0.10039	0.17556	0.09007
-0.1534	0.00793	0.0282	0.0877	0.33885	0.03511	0.27925	0.07399	0.08129
-0.13943	-0.12943	0.21387	0.32751	0.24122	0.34084	0.41072	0.22947	0.2237
-0.20357	-0.23061	0.10663	0.2297	0.11143	0.09971	0.09706	0.03109	0.03182
0.11269	-0.26815	-0.07117	0.37321	-0.12976	0.03439	0.03958	-0.12188	-0.09735
-0.35617	-0.03692	-0.07149	-0.2675	0.23284	0.4375	0.24035	-0.35391	-0.19129
0.20035	-0.19013	0.11967	-0.07491	0.04883	0.0857	0.12287	0.19723	0.23092
0.14022	0.28627	-0.13337	-0.17815	-0.27492	0.46418	-0.13267	-0.18681	0.48279
0.47938	-0.05557	-0.07692	-0.19489	-0.07124	0.07625	-0.10672	-0.15415	0.09943
0.09549	0.05405	0.2229	0.07148	0.1302	0.00544	-0.0521	-0.21142	-0.14685
-0.10983	0.12671	0.12168	0.13894	0.06623	-0.02194	-0.44833	-0.28885	-0.0437
-0.12323	-0.01133	0.05018	0.04912	0.01535	-0.06164	-0.00776	0.16249	0.0638
-0.28768	0.23522	-0.332	-0.14222	-0.75438	0.09329	0.25919	0.29153	0.62071
0.01963	0.13399	0.05414	0.03641	0.17397	0.16066	0.31667	0.27192	0.17511
0.1588	0.17417	-0.18379	-0.14827	0.09007	0.24492	0.04718	-0.15813	0.16386
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0.02452	-0.01827	0.03308	0.27284	0.12938	-0.06425	0.09399	0.1535	-0.02405
0.14227	0.00204	0.03946	-0.14217	-0.12282	-0.10957	-0.23081	-0.2592	-0.17363
0.51653	0.21223	-0.07289	-0.2371	0.19913	0.36894	0.55705	-0.06306	0.27463
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-0.16116	-0.02085	0.25249	0.22767	0.09584	-0.15137	0.20518	0.13573	0.09972
-0.75437	0.08121	0.11878	0.14287	0.06511	-0.07206	0.08191	0.24633	0.13893
0.02959	-0.14081	0.02901	-0.1649	-0.09435	0.06879	0.24185	0.0293	0.031
0.07064	-0.12207	-0.09228	0.07199	0.22919	-0.00869	0.10306	-0.07647	0.00714
0.18726	-0.0882	-0.11746	-0.04897	-0.06601	-0.03243	0.00735	-0.07296	0.02198
-0.11027	-0.05865	0.17548	0.28176	0.06656	-0.17547	0.11357	0.26162	0.0842
-0.08834	-0.00487	-0.04532	0.08756	0.24745	0.26293	0.41271	0.07486	0.2367
-0.30353	-0.15757	0.13866	0.20158	0.06693	0.01134	0.03978	0.20561	0.10086
0.32639	-0.12453	0.08031	-0.06801	0.10365	0.22169	0.21971	0.1539	0.17199
-0.41466	-0.19656	0.03654	0.40781	0.52112	-0.44191	-0.752471	-0.09529	0.86943
-0.09967	0.15124	-0.00513	0.00287	-0.11688	-0.05814	-0.07707	0.23785	0.00444
-0.14081	-0.29647	0.23638	0.24168	0.23998	0.24516	0.26126	0.37152	0.22022
-0.07876	-0.18895	0.04832	-0.13514	-0.07328	-0.0402	0.09264	0.13738	0.03336
0.24917	-0.18984	-0.08086	-0.16162	-0.10226	-0.09202	0.18703	0.10755	0.06376
0.08153	0.09349	0.09167	0.09791	0.17493	-0.00204	0.09032	-0.06034	-0.03851
0.01678	-0.43384	0.27744	-0.12414	-0.17759	-0.18101	-0.11834	-0.04171	-0.25068
-0.03444	-0.1673	0.05431	-0.3465	-0.00411	0.14925	0.12765	-0.19248	0.06986
-0.19344	-0.10339	0.09694	0.02789	0.05526	-0.08313	0.32164	0.1107	0.15718
0.24381	-0.09852	0.05862	-0.05201	0.18049	0.29709	0.27539	0.042	0.19758
0.04811	-0.0429	0.04068	0.25054	0.25017	0.39664	0.19877	0.25768	0.24998
0.05206	7.80E-04	0.06023	0.09446	0.03145	-0.10997	0.03183	0.06963	-0.00135
-0.09269	-0.38696	0.07372	-0.06933	-0.11482	0.05659	0.07066	-0.16098	0.03814
0.0144	0.27984	-0.0495	-0.06609	0.12726	0.27704	0.15353	-0.06529	0.04114
0.04037	0.034	0.06571	0.05716	0.0031	0.04978	-0.21177	0.29703	0.13303
-0.31114	-0.22235	-0.10494	-0.79816	-0.35175	-0.15063	-0.00164	-0.51776	-0.03584
-0.63738	-0.51283	-0.2251	-0.05979	-0.02503	0.37097	0.36676	0.41921	0.31726
-0.18899	0.02678	0.01422	-0.04655	0.01413	0.2872	0.19253	0.39842	0.2016
-0.35063	-0.3077	0.05125	-0.26153	-0.11794	0.20937	0.18584	0.03007	0.02597
-0.00864	0.06322	0.15574	0.03626	0.10577	0.15756	0.19158	-0.09148	0.08664
-0.08323	-0.06943	0.11877	0.13053	0.32597	0.22283	0.35613	0.14459	0.19899
0.08512	0.01445	-0.02547	-0.11015	0.18309	0.06382	0.24373	0.07621	0.06453
-0.1067	-0.06543	-0.01003	0.11026	0.30474	0.19951	0.39632	0.06729	0.13625
-0.30332	-0.08981	0.14683	0.0645	-0.10496	-0.14093	-0.03604	0.06688	0.01945
0.15416	-0.28909	0.24842	0.386	-0.0684	-0.27116	0.02302	0.17646	0.10134
-0.24423	-0.3472	0.05725	0.00728	-0.15194	-0.02527	0.15894	0.56703	0.04621
0.0271	-0.10146	0.00849	-0.23508	-0.4574	0.28584	0.38404	0.32859	0.21307
-0.10112	0.04768	0.14378	0.06222	0.23748	0.28333	0.51845	0.33791	0.33443
0.17073	-0.32303	0.06949	0.05709	0.09608	-0.01588	0.2338	0.20154	0.13048
-0.25117	-0.21998	0.1019	0.0074	-0.10639	-0.29165	-0.0956	0.04217	0.27621
-0.10042	0.15141	0.03828	0.01162	0.08094	0.05851	-0.0442	-0.07536	0.01647
-0.25927	-0.05192	0.02895	-0.12799	-0.04062	0.22938	0.21294	0.05127	0.0038
0.19585	-0.23468	0.09436	-0.16867	-0.07342	-0.01401	-0.58781	-0.07056	0.17637
0.03484	0.05349	0.07038	-0.07616	-0.06364	-0.00452	0.12769	0.0583	-0.00203
-0.55134	0.00662	0.68463	0.17974	-0.3938	0.14006	0.71706	-0.75905	-0.50683
-0.01397	-0.17354	-0.10174	-0.28404	0.00144	0.01064	0.18817	-0.21902	-0.02389
-0.20965	0.04458	-0.07613	0.10459	0.25365	0.35458	0.43891	0.29902	0.28345
-0.1804	0.08678	0.18801	0.50864	0.0817	-0.06068	0.15761	0.66025	0.47122
0.04575	-0.37375	0.0312	0.16415	0.06605	0.14329	-0.10239	0.10144	0.16388
0.1922	-0.15947	0.06593	-0.03	0.02454	0.26568	0.00827	-0.1249	0.10462
-0.16127	-0.23432	0.50314	-0.08824	-0.4597	0.05755	0.11271	-0.2106	-0.60883
-0.26588	-0.05106	0.06881	0.01063	0.01223	0.07083	0.20639	0.29736	0.16279
-0.02407	-0.10512	0.09601	0.02119	0.02949	-0.134	0.01824	0.17025	0.13127

0.27432	0.06699	-0.04496	0.13901	0.10712	0.21588	0.01737	0.11061	0.06225
-0.12379	-0.35336	0.08074	0.25351	0.02697	0.06995	0.19941	-0.04833	0.11506
-0.23707	-0.2881	-0.20939	-0.45386	-0.16751	0.12863	0.46059	0.186	0.30075
0.46556	-0.20894	0.22468	-0.01888	-0.15511	0.05317	0.49744	0.31122	0.12036
-0.14167	-0.5652	0.13588	0.11776	-0.09234	0.01233	-0.46047	-0.19072	-0.15443
-0.07567	-0.20681	0.17879	0.19585	0.06093	0.1035	0.10875	0.05384	0.08762
0.48102	-0.38099	-0.23498	-0.4807	-0.2794	-0.12962	-0.07843	-0.25004	-0.22076
-0.08787	0.15072	0.09342	0.35244	0.04423	-0.09256	-0.06551	0.02912	-0.04867
0.23661	-0.02236	-0.07235	0.17487	0.22154	0.00202	-0.2233	-0.50697	0.24518
0.03762	0.23076	0.42158	0.51345	0.63996	0.64544	0.6371	1.11687	0.95346
-0.38245	-0.06499	-0.00202	0.07097	0.03084	0.168	-0.02368	0.05684	-0.05501
-0.27928	0.04955	0.05973	-0.03755	0.04444	0.09837	0.27203	0.06074	0.15598
0.1614	0.07442	0.26215	0.12385	0.19159	0.43245	0.21262	0.27034	0.25437
-0.26109	-0.7376	0.04205	-0.39168	-0.61375	-0.50583	-0.13934	-0.50237	-0.4535
-0.36893	-0.09088	-0.07542	-0.06415	-0.02922	-0.00129	0.07697	0.09324	0.14102
0.21205	-0.11173	-0.03896	-0.01767	-0.02341	0.19121	0.19975	0.1179	0.20395
0.17307	-0.21637	0.03659	0.1806	-0.02301	-0.01246	0.14866	0.08538	0.07351
0.04586	-0.04181	-0.06147	-0.07108	-0.12022	-0.13057	0.06864	0.09246	-0.06305
0.03593	0.03587	0.07064	-0.00983	0.12135	0.03879	0.28939	0.10585	0.14038
-0.17238	-0.06672	0.13245	0.00323	0.19066	0.17524	0.22823	-0.07665	0.03833
-0.13986	-0.04928	0.07398	0.03574	-0.04885	-0.26607	-0.08538	0.13853	0.08077
0.53945	-0.09911	0.0963	-0.1119	-0.04329	0.106	0.29154	0.01983	0.00665
0.25872	-0.13564	-0.09431	-0.02962	0.30804	0.40921	-0.01041	0.19887	0.51414
-0.89944	-0.71785	0.19179	0.18682	-0.67212	-0.22025	0.15467	0.17171	-0.45747
-0.39065	0.1289	0.05344	-0.09277	0.02633	0.33388	0.2394	0.17188	0.17494
-0.10549	-0.18596	-0.03721	0.44982	0.29933	0.12126	0.04553	0.23983	0.05877
0.21795	-0.01219	0.11028	0.10767	-0.05339	-0.17302	-0.09178	-0.19971	0.00323
-0.26169	-0.45344	0.13283	-0.12261	-0.42096	-0.03152	-0.11061	0.03006	-0.13523
-0.1603	0.03028	0.11899	-0.04012	0.00549	0.41419	0.39617	0.03143	0.19439
0.22088	-0.18684	-0.11328	-0.27039	-0.63218	0.55022	0.55318	-0.69363	0.22872
0.23599	-0.0256	-0.07865	-0.04842	-0.03894	-0.0995	0.07026	0.0958	-0.06005
0.14517	8.00E-05	-0.05975	-0.01341	0.1038	0.45231	-0.09039	-0.08495	0.22346
0.04282	-0.00194	0.04962	0.1102	0.07958	-0.09633	-0.05938	0.03359	-0.12983
-0.10589	0.11557	0.13112	-0.0664	-0.00518	0.27676	0.21506	0.05065	0.11815
-0.51664	-0.36762	-0.19888	0.04252	-0.19513	0.21496	0.19758	0.01898	0.11737
0.03565	-0.25207	0.15602	0.19135	0.06025	0.01152	0.17951	0.1581	-0.01649
-0.28758	-0.00812	0.08601	0.18709	0.28414	0.22528	0.30883	0.54489	0.57872
-0.31996	-0.07108	0.10123	-0.02074	-0.06269	0.10816	0.13116	0.18397	0.03839
0.00176	0.0331	-0.0462	-0.24456	-0.09491	0.07855	0.04736	-0.18037	0.1071
0.13625	-0.09457	0.00948	-0.03865	0.26768	0.43263	0.13039	0.2	0.47159
-0.33508	-0.18164	0.04115	0.0722	0.14647	0.21674	0.05329	0.06472	0.35335
0.01035	0.23916	-0.11327	0.1603	0.21942	0.11716	0.14012	0.15308	0.58156
-0.08502	0.14696	-0.03187	0.03694	0.13052	0.00768	-0.09284	-0.02242	0.04548
-0.23043	-0.06678	-0.01479	-0.0189	0.17576	-0.0906	-0.08081	-0.05829	0.09861
-0.06184	-0.10366	-0.0685	0.13796	0.05484	-0.01631	0.03733	-0.07885	0.05794
0.39755	-0.44431	0.21964	0.280504	0.48487	0.39083	-0.25407	0.23168	1.3699
0.17058	-0.30648	0.07235	0.07878	0.00601	-0.15162	0.08413	0.26762	0.17583
-0.19484	-0.19097	0.11906	0.0028	0.08147	0.09914	0.17539	0.00434	-0.03668
-0.18089	-0.02712	0.03569	0.04724	0.04621	-0.02353	0.04293	0.11866	0.067
-0.09665	-0.06997	0.01613	0.02136	0.27615	0.37756	0.48073	0.33102	0.17949
0.08874	-0.16796	-0.00627	0.06326	0.06204	-0.10691	0.12793	0.04099	-0.13396
-0.09125	-0.62702	0.31506	0.23935	-0.23828	-0.01748	0.45804	-0.52327	0.23146

0.16153	-0.37385	-3.60E-04	0.04962	-0.14955	-0.16129	0.24555	0.16089	0.12013
0.88128	0.10253	-0.11876	-0.15083	-0.80639	0.66067	0.96523	-0.95461	0.66049
0.0824	-0.09745	0.12959	-0.20803	-0.16522	0.25623	0.21366	0.13469	0.25516
0.03666	0.03514	-0.05244	-0.03786	0.14346	-0.14442	0.14058	0.00701	0.03035
-0.0732	-0.04424	-0.04974	0.17724	0.14009	0.14154	0.48609	0.19541	0.27833
-0.18722	-0.24262	-0.02754	-0.07636	-0.11196	0.25367	0.29488	0.09504	0.10629
0.27394	0.44932	-0.21257	-0.55926	0.04159	0.46833	0.46008	-0.0224	0.56723
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0.08509	-0.29828	0.17981	0.11211	-0.09242	0.13276	0.07716	0.44037	0.48253
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0.15623	-0.17678	-0.00581	-0.26389	-0.25278	0.13169	0.02785	-0.02227	0.32035
-0.02281	0.1323	-0.07675	0.04348	0.46372	0.07944	0.29148	0.12067	0.19067
-0.83625	0.73903	0.53054	0.61419	0.73831	0.88498	1.14872	1.04641	0.93556
-0.56265	0.00799	0.26595	-0.18328	-0.37445	0.20577	0.14018	0.22732	-0.11315
-0.00328	-0.31213	0.06778	0.30328	0.02588	-0.0509	0.04664	-0.11613	0.03717
-0.21973	0.0184	0.05323	0.24312	0.23809	0.20569	0.02643	0.23946	0.19772
-0.15975	-0.0119	0.09509	-0.33046	-0.10251	0.04895	0.22614	0.07173	0.11813
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0.3994	0.07514	-0.18551	0.03754	0.01926	0.20157	0.14066	0.28636	0.12541
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-0.2587	-0.23944	0.21864	0.42102	0.0751	0.1789	0.32413	0.54788	-0.04005
-0.20247	-0.05141	-0.07359	0.17904	0.08156	-0.07648	-0.09077	0.06836	-0.08952
0.17441	-0.18569	-0.02259	-0.01247	0.17619	0.08215	0.2351	0.0478	0.01465
-0.22116	-0.4749	0.13765	0.50072	0.15409	0.0644	0.04435	0.41187	0.25217
-0.05715	0.06611	0.03359	0.13324	0.10693	-0.19904	0.12295	-0.05573	-0.14048
-0.1874	-0.01789	0.11023	-0.02675	-0.0176	0.21593	0.15728	0.04186	-0.00831
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0.45	-0.33763	0.03688	-0.14753	-0.05674	-0.10411	-0.01837	0.23353	0.16436
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-0.13286	-0.3996	-0.21218	-0.32684	-0.24899	-0.20534	-0.33549	-0.4988	-0.38208
0.10808	0.33888	-0.15278	-0.22074	0.00981	0.12895	-0.06947	-0.25751	0.01105
0.45441	-0.28367	0.23181	0.32807	0.04007	-0.13256	0.08587	0.18203	-0.19342
-0.15571	-1.26798	-0.04758	0.30555	-0.23447	-0.02105	0.18618	0.03093	0.11594
-0.11673	-0.03411	0.13104	0.25072	-0.19034	-0.00645	0.05029	-0.29619	0.61122
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-0.09478	-0.17033	0.03796	0.03961	-0.01962	-0.10725	-0.01529	-0.04365	6.40E-04
0.48639	-0.27253	0.0827	-0.07674	-0.21142	-0.07782	-0.08429	-0.18295	0.16449
-0.77684	0.75195	0.65778	0.61326	0.77152	0.94034	1.32382	1.04778	0.94224
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-0.04423	-0.16123	0.33579	0.13952	-0.03032	-0.20164	-0.27182	0.08222	-0.25779
-0.02651	0.24495	-0.11996	-0.56098	-0.18563	0.39656	0.37172	-0.08578	0.13146
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-0.17327	0.69754	-0.15582	0.04392	0.53082	0.43622	0.34204	0.13544	0.57096
0.01673	-0.06868	0.0187	-0.06821	-0.03425	-0.11711	0.06451	-0.0577	0.07237
-0.24298	0.14126	0.17707	0.17309	-0.08401	-0.10973	-0.10674	-0.02179	-0.104
0.06831	-0.46369	0.17728	0.19565	-0.04117	0.35109	0.25676	0.3895	0.42214
-0.11866	-0.55754	0.27974	-0.1007	-0.2156	0.2185	-0.05128	-0.25804	0.00263
-0.03053	0.05045	-0.02443	0.3659	0.38561	-0.05955	0.23478	0.22679	0.16052

-0.33975	-0.47539	0.34349	0.24505	-0.43148	0.07081	-0.19032	0.33195	-0.17023
-0.08634	-0.34462	0.09689	0.13792	-0.00995	-0.19973	0.01384	0.15775	-0.05374
0.11976	-0.02488	-0.05685	0.1026	0.13933	-0.07235	-0.08328	-0.21599	0.02749
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0.07427	-0.0489	0.04595	-0.18804	-0.0557	0.24585	0.42761	0.05034	0.31549
-0.133	-0.045	0.14995	-0.0712	-0.05082	-0.01082	0.0211	-0.01848	0.12343
0.53562	0.92765	0.0863	0.15084	0.93168	0.58636	-0.04761	-0.33927	0.73758
0.15773	0.08141	-0.1516	-0.20853	0.32255	0.33655	0.49209	-0.07827	0.20238
0.06038	-0.26093	0.14036	0.29051	0.13128	-0.16206	0.11165	0.19377	-0.06154
-0.1836	0.12842	0.08209	-0.10517	-0.02186	0.16736	0.0936	0.15586	0.21243
-0.08091	0.0054	-0.4385	-0.26308	-0.10319	0.19982	0.12923	0.02183	0.08959
-0.10164	0.05508	0.32164	-0.16947	0.20902	0.93768	0.9761	0.56779	1.10656
0.13381	-0.07942	0.10847	0.15748	0.39346	0.2624	0.18229	0.03208	0.18636
0.13415	-0.05426	0.09508	-0.05968	0.08028	0.19497	0.07252	-0.00183	0.15346
0.07161	-0.10975	0.03619	0.20155	0.4303	0.39771	0.17168	0.27402	0.33397
-0.28937	0.03918	0.35525	0.17932	-0.24861	-0.15681	0.05954	0.43922	0.01276
-0.22305	-0.00178	0.02357	0.13989	0.12219	0.10274	0.21299	0.10467	0.06874
-0.30476	-0.65993	-0.04428	0.24484	-0.15758	0.20076	0.15948	-0.07406	0.65895
-0.38383	-0.08045	0.08776	0.32731	0.10144	-0.02296	0.11686	-0.04607	0.00191
0.1484	-0.32589	0.20442	-0.08442	-0.09514	0.34712	0.23384	0.64158	0.4966
0.58591	0.17169	-0.14127	-0.48107	-0.03911	0.0902	0.37591	0.18944	0.15675
0.11679	0.16986	-0.01973	0.16109	0.25597	0.17901	0.21883	0.09657	0.18682
-0.00997	-0.00209	0.23737	0.44306	0.41543	0.41218	0.30845	0.2129	0.23646
0.20729	0.01037	-0.06614	0.22857	0.21132	0.12564	0.36086	0.40714	0.40077
-0.11382	-0.39114	-0.07848	-0.43997	-0.30779	-0.35621	-0.56239	-0.24255	-0.22558
-0.23883	-0.25983	0.20954	-0.13251	-0.16131	0.05036	-0.23479	-0.09479	0.11263
-0.05434	-0.38588	-0.03249	0.10675	-0.20901	-0.12282	0.16587	0.05642	-0.16975
0.07501	0.06592	0.04168	0.14885	0.3687	0.0205	0.28943	0.20101	0.131
-0.65622	0.18424	0.31646	-0.03965	0.19996	0.2603	-0.3432	-0.05515	0.20313
0.02526	-0.01471	0.0316	0.25287	0.37062	-0.00586	0.08663	-0.0232	-0.04221
-0.05238	-0.20403	0.08915	0.12092	0.12688	-0.00275	-0.09437	-0.00491	0.05139
0.19086	-0.45293	0.11264	0.32046	0.23024	-0.12953	-0.23881	-0.36369	-0.0284
0.03972	-0.1757	0.16338	-0.07226	-0.07623	0.30452	0.05214	0.23827	0.2489
2.5498	0.20492	-0.25821	-0.42111	0.17019	1.47383	-0.45354	0.244629	0.4745
-0.04526	-0.45443	0.00675	0.31086	-0.16152	-0.37845	-0.04293	0.272	-0.39601
-0.09093	-0.02264	0.00917	-0.08421	-0.11051	-0.05597	0.05207	-0.05502	0.13592
-0.01257	-0.06612	0.12903	-0.31993	-0.06763	0.32058	0.27744	0.13617	0.05743
0.12686	0.10744	-0.01783	3.80E-04	0.17557	0.33807	0.36842	-0.0893	0.28235
-0.01893	-0.41205	0.25751	0.07858	-2.10E-04	0.43179	0.34073	0.39062	0.38346
0.21535	-0.22309	-0.11258	-0.13795	-0.14296	-0.07119	-0.07723	-0.04357	0.11348
0.10268	-0.02066	0.12883	0.02178	0.04424	-0.0797	0.0046	-0.01521	0.50292
-0.48323	-0.10847	-0.08335	-0.33406	-0.32338	-0.06316	0.07005	-0.19265	-0.1874
-0.31997	-0.2771	0.30077	0.08214	-0.02521	0.11639	-0.25972	-0.12861	0.18896
0.68265	-0.24512	0.05741	-0.16561	-0.03254	0.22619	0.21428	-0.02743	0.05141
0.10254	-0.30678	-0.14338	0.76781	0.44896	0.04414	0.03265	-0.17371	0.34303
0.03887	-0.06651	-0.18365	-0.78055	-0.15088	0.21	0.38414	0.23202	0.17924
-0.13505	0.02115	0.15052	-0.07947	-0.05766	0.09153	0.14458	0.08825	-0.01896
0.02392	-0.34444	0.15654	0.03621	-0.1314	-0.27462	0.1091	0.09864	-0.15864
0.02061	-0.07338	-5.40E-04	-0.18236	-0.02571	-0.05111	-0.06404	-0.30693	-0.08597
-0.07897	0.03059	-0.0139	0.12611	-0.13662	0.69026	-0.2123	0.27625	-0.08815

0.17389	0.06791	-0.09301	-0.39229	-0.06632	0.53542	0.20963	0.07144	0.38529
0.35133	-0.25323	0.28882	0.16032	0.06844	0.18901	0.22513	-0.10872	0.19785
-0.5005	-0.19664	0.29699	-0.02231	-0.4183	-0.01099	0.11442	0.24569	0.14131
-0.12499	0.07019	0.11183	-0.01317	-0.0682	-0.0616	-0.11036	-0.09502	-0.07963
-0.35792	-0.47016	0.21913	0.02829	-0.31152	-0.09696	0.24265	0.18076	-0.14473
0.07492	-0.14452	0.09364	0.20643	-0.07242	-0.17174	-0.00775	0.01586	-0.07545
-0.23113	0.17758	-0.06934	-0.04635	0.09835	0.09121	-0.1193	0.06209	0.31965
-0.13234	0.05761	0.01825	0.09801	0.11938	0.09514	0.11348	0.16715	0.09426
-0.09242	-0.53238	0.12891	-0.08479	-0.37308	-0.28362	-0.35067	-0.35575	-0.02057
0.0782	-0.20746	0.113263	0.02712	0.10222	0.41893	-0.55176	0.43283	1.49668
-0.1497	0.02819	-0.07805	-0.16565	0.01233	-0.04876	0.11831	-0.04562	0.02649
-0.33386	-0.42644	0.09507	0.33345	-0.04297	-0.1398	0.17653	-0.06942	0.21066
0.09623	-0.12696	-0.09067	-0.26116	-0.1184	0.03997	0.10255	-0.18944	0.00218
0.34128	0.28107	-0.30811	-0.15037	-1.00E-04	0.47955	0.47641	-0.62722	0.16423
0.18797	0.30114	-0.4061	-0.59392	0.32495	1.06353	0.92973	0.32504	0.8176
-0.16146	0.19899	0.05489	0.24244	0.29791	0.40658	0.31654	0.26273	0.25357
0.1117	-0.29432	0.15398	0.16722	-0.02838	-0.00914	0.19024	0.10256	-0.03876
-0.04898	-0.36941	0.085	-0.03297	0.01619	0.26902	0.10139	0.11446	0.18407
0.07775	-0.33513	0.06713	0.24409	0.07986	0.05899	-0.27332	0.21804	0.15445
0.02465	-0.08216	0.2403	0.14735	-0.0378	1.00E-04	0.07873	0.0582	-0.001
0.00539	-0.11389	-0.02311	0.08278	0.07411	0.00252	-0.21259	-0.29169	-0.0678
0.12934	-0.27651	-0.01924	0.38579	0.15877	0.22105	0.23923	0.15501	0.84662
0.16188	-0.09353	0.06143	0.02941	0.12298	-0.17536	0.13623	-0.02665	-0.07916
-0.18127	0.46457	-0.0371	-0.0407	0.13318	0.09502	0.28868	-0.05903	0.22441
1.43417	-0.09055	0.22304	0.36153	0.33496	0.14629	0.12171	-0.08823	0.75847
-0.47442	-0.27856	0.22466	0.16511	-0.05801	-0.19993	0.06024	0.37772	-0.25746
-0.44884	-0.31993	-0.00534	0.19461	-0.02686	0.15053	0.00288	0.25713	0.53948
-0.53077	-0.07462	-0.10258	0.46023	-0.15098	0.25747	0.22221	-0.25381	0.62259
0.13786	-0.09778	0.06866	0.01016	-0.05096	0.14313	0.03231	-0.07699	-0.05079
-0.0469	0.07439	-0.11499	-0.01626	0.06049	0.01706	0.30437	0.03854	0.09501
0.26326	-0.04277	0.04433	0.05021	0.08622	0.01301	0.11836	0.20816	0.17782
-0.35836	-0.16902	0.06891	0.02537	-0.11846	-0.07451	0.16027	0.52209	0.12663
-0.07972	0.1596	-0.03967	0.04638	0.35251	0.00137	0.26497	0.14808	0.13389
0.12711	0.16781	0.03397	-0.03386	0.23607	0.43777	0.19655	-0.0355	0.27182
-0.09463	-0.55567	0.03434	0.03014	-0.18432	-0.22082	0.11614	0.25394	-0.16464
-0.11519	-0.07071	0.03815	0.03626	0.10587	0.16364	0.20954	0.09888	0.11044
-0.01659	0.14951	0.04908	0.18398	0.32117	-0.08218	0.17053	0.07469	0.04919
-0.20736	-0.00352	0.09145	-0.17811	-0.10297	0.11475	0.24306	0.14636	0.09173
-0.28797	-0.40104	0.27447	0.26142	0.15698	-0.11867	0.29094	0.17141	0.06572
-0.42442	-0.25608	0.01096	-0.16219	-0.28457	-0.07977	-0.12174	-0.45913	-0.05472
-0.34865	-0.15427	-0.06879	-0.28961	-0.31089	-0.08968	-0.01919	-0.04078	-0.1468
-0.09983	-0.23445	0.15746	0.1129	0.13739	0.10023	-0.28336	-0.22386	0.1646
-0.52253	-0.04868	0.07805	0.35568	0.06772	0.03951	0.19021	0.52785	0.29019
-0.10591	0.12432	0.09453	0.24572	0.11487	0.20575	0.07554	0.15058	0.19616
-0.33605	-0.1979	-0.03146	-0.02854	-0.06026	-0.15988	-0.18465	-0.49284	-0.24779
-0.35525	-0.14103	0.11498	-0.0485	-0.12489	0.01028	0.12487	0.10702	0.04026
0.07899	0.04099	-0.01917	-0.00695	0.1148	0.03071	0.18595	0.25364	0.11803
-0.28473	0.05361	-0.04185	-0.13818	-0.15791	0.15323	0.24583	0.19177	0.1006
-0.10774	0.02528	0.03992	0.1144	0.16751	0.01271	0.04862	0.16967	0.10511
-0.18147	-0.44631	0.02336	0.07735	-0.16868	-0.3018	0.01756	0.36142	-0.0436
-0.20871	0.14512	-0.15757	-0.4112	0.3372	0.08729	-0.00305	-0.76436	0.50658
0.23487	0.62418	-0.1684	-1.06647	0.31943	0.22571	0.18251	0.233024	0.6618

0.02295	-0.66244	0.13001	0.12567	0.10335	-0.13085	0.44371	0.03733	-0.03399
-0.14388	-0.13662	0.17697	-0.0115	0.04969	0.16989	-0.01484	0.0228	0.20923
-0.04068	-0.06992	0.30183	-0.2862	-0.22868	-0.00711	0.00918	0.12987	0.14571
-0.08115	-0.08386	0.1377	0.02775	0.11832	0.21869	0.10031	0.09946	0.1256
-0.3103	-0.00143	0.04724	0.09573	0.00948	0.08476	0.16976	-0.12812	-0.14786
0.08449	-0.20123	0.03342	-0.06606	-0.12953	-0.02475	0.00889	-0.16073	-0.0986
0.24241	-0.01755	0.07029	0.22748	0.24847	0.2478	0.22882	-0.0057	0.10481
-0.25526	-0.23522	0.08387	0.15518	0.02503	-0.00559	-0.00985	-0.10088	-0.05661
0.22639	-0.40283	0.09866	-0.14096	-0.04218	0.39776	0.14867	0.01739	0.05583
-0.35611	-0.32233	0.21293	0.02184	-0.23198	-0.00899	0.11444	-0.00366	-0.03013
0.21956	-0.51446	-0.04212	0.52896	-0.0947	0.18285	0.17248	0.49496	-0.12571
-0.03971	-0.1546	0.04775	-0.06286	-0.07664	0.03636	0.01672	0.17523	0.04017
-0.40627	-0.3141	0.57753	0.37337	0.05151	0.06166	0.19907	0.27929	0.02621
-0.2523	-0.04205	0.08504	-0.16404	-0.17848	0.15672	0.0474	-0.0206	0.03092
-0.19291	0.11602	0.08252	-0.04736	0.01062	0.04905	0.09886	0.02755	0.08557
-0.0624	-0.22253	-0.01649	-0.00571	0.0107	0.19927	0.10849	0.04219	0.20889
-0.43896	0.15463	0.31128	-0.11666	0.09169	0.21023	0.21952	0.10648	0.0058
0.4403	0.05346	0.19213	-0.59359	-0.03564	0.76678	0.48573	0.10179	0.8094
0.29713	-0.04433	-0.16861	-0.14567	-0.16678	0.7323	0.55415	0.00623	0.34961
-0.20096	-0.52289	0.10466	-0.15221	-0.29411	-0.08106	0.4226	0.17235	0.08035
0.79244	0.14369	-0.139	-0.48752	-0.14285	0.07959	0.07861	-0.39	-0.08984

m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç
0.88282	0.86176	0.99935	0.93554	0.942	0.75184	1.0453	1.16832	1.99472
2.37079	2.18571	2.27466	2.31399	2.89687	2.79332	2.45639	2.67036	3.99124
0.78052	0.66294	0.89566	1.05894	1.43816	1.17356	1.73869	1.80588	2.23567
0.75021	0.75024	0.80464	0.79512	0.86881	0.7888	0.95517	1.07241	1.55594
0.93235	0.8372	1.06762	1.08417	1.07581	0.99349	1.13653	1.23645	1.86051
0.55208	0.78282	0.84681	0.81118	1.0043	1.01367	0.97581	0.90265	1.49516
0.62918	0.64842	0.73915	0.75404	0.69044	0.70626	0.62915	0.74067	1.28044
0.75756	0.77727	1.01055	1.14416	1.22559	1.31204	1.23845	1.29132	1.56043
0.82095	0.69405	1.43316	1.21053	1.2297	1.08498	1.84142	1.79737	2.20639
1.0702	1.04742	1.12211	1.08836	1.15595	1.34243	1.34705	1.44233	2.01919
0.62872	0.63016	0.75924	0.56504	0.63104	0.55333	0.89651	0.89965	1.20709
1.23064	0.95194	1.45555	1.08601	1.69358	1.51369	1.85062	1.77127	2.76433
1.63277	1.4963	1.76181	1.69562	2.17972	2.031	2.02554	1.93512	3.75013
0.96924	0.71763	0.77896	0.87582	1.02384	0.78996	0.63586	0.9105	1.70939
0.72344	0.78724	0.75543	0.819	1.01537	0.91495	0.65726	0.76284	1.72887
0.93139	0.80782	0.80487	0.97065	1.05416	0.93557	0.95437	1.14543	1.99663
0.78321	0.74891	0.78207	0.88837	1.24703	1.30543	1.2797	1.50554	1.56882
1.13135	1.02795	1.22196	1.06958	1.02572	1.01217	1.45981	1.3296	2.28819
0.49479	0.86872	1.14918	0.83894	1.10322	1.14937	1.93275	1.93125	2.09779
1.14742	1.42184	1.82233	2.01434	2.20158	1.84888	2.70222	3.06528	2.92972
0.62498	0.80414	0.91504	0.87269	1.20776	1.22574	1.46226	1.32266	2.2063
0.47447	0.56539	0.71725	0.63359	0.82563	0.89246	1.03927	1.02069	1.46202
1.46245	1.26469	1.30796	1.43488	2.52651	2.29003	2.51379	2.77127	3.02988
0.79166	0.84508	1.06895	1.13414	0.95069	0.9139	0.79846	0.85414	2.17354
1.21602	1.12238	1.09572	1.17351	2.17224	2.10887	1.7683	1.89453	2.75362
0.90835	0.85922	1.13671	0.94184	1.56521	1.45312	1.93939	1.89771	2.21147
0.77684	0.72324	0.76691	0.73797	0.71257	0.67672	0.85777	0.9429	1.33585
0.69316	0.94412	0.99682	0.78348	1.1865	1.57598	1.50058	1.43319	2.46684
1.11801	1.15459	1.08207	1.1787	1.49854	1.51596	1.23256	1.39297	2.04089
0.63459	0.51657	0.63941	0.65844	1.34948	1.27336	1.28526	1.45556	1.978
0.61041	0.59085	0.5246	0.69815	0.89689	0.88147	0.98013	1.02612	1.39262
0.76381	0.51428	0.57732	0.6781	1.53322	1.24494	1.39845	1.48909	2.38223
0.65953	0.62971	0.53995	0.68529	1.0889	1.16312	1.0366	1.09716	1.75918
0.52823	0.52453	0.70837	0.68317	0.64571	0.69042	0.5108	0.57053	1.01344
0.42084	0.40948	0.56021	0.50052	0.73872	0.72959	0.5313	0.7537	1.3627
0.67497	0.43472	0.55374	0.63638	0.57619	0.28646	0.53518	0.74983	0.98871
0.44416	0.48044	0.70382	0.62233	0.44958	0.51903	0.47306	0.46995	1.02609
0.52167	0.49375	0.65271	0.56448	1.10675	0.96271	1.17465	1.22857	1.64732
0.88874	0.8267	0.77089	0.72555	0.94819	0.97497	1.12868	1.05557	1.52188
0.90153	0.76926	0.96382	0.71746	0.91312	1.0205	1.31586	1.34061	1.37954
0.48264	0.37115	0.57209	0.51221	0.94027	0.82818	0.98696	1.11574	1.7286
0.69297	0.70757	0.70946	0.70985	0.82058	0.62872	0.64616	0.71278	1.65793
0.71123	0.6495	0.99867	0.84511	0.72325	0.73445	0.90293	0.99297	1.01982
0.31416	0.29569	0.38178	0.34623	0.59125	0.56062	0.67462	0.7636	1.08331
0.73965	0.49203	0.6639	0.53834	1.10092	0.90573	1.0329	1.13901	1.77925
0.40977	0.66047	0.76508	0.67892	0.61404	0.78949	1.11764	1.0244	1.02996
0.82088	0.67236	0.99151	0.65956	1.19168	1.41147	1.35233	0.96511	1.89299
0.31538	0.43548	0.35031	0.50559	0.6753	0.6958	0.496	0.5667	1.13156
0.45828	0.49214	0.55698	0.53772	0.63568	0.68569	0.51533	0.56236	1.12504
0.61403	0.63963	0.68849	0.65431	0.6993	0.79565	1.03174	1.19213	1.26366
0.60291	0.54179	0.33005	0.56945	0.76495	0.76248	0.66406	0.81973	1.59512

0.53242	0.42573	0.49542	0.43799	1.19404	1.10015	1.27131	1.40504	1.99496
0.65447	0.69425	0.91696	0.67546	0.68195	0.56565	1.04939	1.05285	1.08618
0.80665	0.76152	0.84651	0.75049	0.90224	0.86058	1.08592	1.16847	1.5547
0.39019	0.39591	0.45299	0.40964	1.0171	1.07407	1.2043	1.35556	1.57312
1.63384	1.48982	2.21161	1.96702	1.97214	1.49443	2.03702	1.92016	2.64704
0.31599	0.25815	0.3612	0.28422	0.60295	0.5501	0.60219	0.57384	1.1244
0.31074	0.25197	0.28358	0.22413	0.70075	0.6191	0.80884	0.8588	1.26406
0.47715	0.3583	0.48762	0.52136	1.20835	1.10992	1.09652	1.33176	2.06633
0.56544	0.4821	0.57193	0.40594	0.46084	0.36635	0.47039	0.48885	1.18355
0.38125	0.62559	0.50758	0.47114	1.09373	1.18988	1.05283	0.95805	1.72176
0.85982	0.96049	0.91181	1.15248	1.58226	1.49752	1.36806	1.6759	2.49252
0.31498	0.32271	0.45733	0.36123	0.86328	0.86015	0.88499	0.99376	1.48237
0.95379	0.70856	0.94547	0.73535	0.93194	0.93085	1.11708	1.08017	1.65931
0.45065	0.57224	1.02418	0.58013	0.78182	0.61849	1.308	1.1489	1.63634
0.2814	0.53487	0.74221	0.65102	0.6331	0.81325	1.19762	1.0279	1.15524
0.49953	0.31777	0.50768	0.47743	1.20111	1.07085	1.16218	1.30625	1.80182
0.50842	0.43547	0.50223	0.64414	0.82522	0.77697	0.8496	0.92786	1.44558
0.72913	0.81991	0.9495	0.90177	1.28619	1.23172	1.51326	1.5621	1.52747
0.34173	0.39338	0.5122	0.39434	0.95559	0.84175	1.06212	1.16658	1.82601
0.54423	0.41458	0.53988	0.49705	1.16562	1.14988	1.34548	1.39444	1.70602
0.66408	0.41013	1.017	0.68759	0.71678	0.8624	1.16831	1.07648	1.3493
0.23275	0.31145	0.47265	0.37686	0.28785	0.43357	0.40985	0.431	0.67895
0.43408	0.34266	0.48271	0.48813	0.85043	0.7052	0.87419	0.99396	1.13317
0.66262	0.57432	0.63026	0.60385	0.68712	0.61243	1.15476	0.98807	1.38072
0.37669	0.60939	0.53581	0.56502	0.52698	0.68396	0.69446	0.74881	1.08596
0.45814	0.38598	0.51976	0.3919	1.15575	1.05402	1.22104	1.3924	1.95304
0.27983	0.36848	0.41849	0.52805	0.56266	0.59199	0.54735	0.63591	0.89393
0.5712	0.54663	0.51601	0.52854	0.84434	0.86431	0.83965	0.8796	1.22283
0.22138	0.24723	0.21356	0.28398	0.58558	0.54928	0.54283	0.56848	0.96017
1.05622	0.64294	1.8506	1.83966	2.26853	1.71018	3.29022	3.14814	3.42948
0.47064	0.43923	0.71376	0.5665	0.75188	0.68764	1.14094	1.13335	1.3439
0.24132	0.25999	0.25694	0.33792	0.49941	0.53842	0.5101	0.60076	0.88585
0.73822	0.61499	0.69106	0.55316	1.14504	1.232	1.33072	1.01059	1.57777
0.45831	0.47055	0.86808	0.54245	1.16959	1.0536	1.89087	1.8273	1.56403
0.4419	0.51877	0.36382	0.47283	0.62659	0.76679	0.59829	0.80369	1.47499
0.51612	0.34746	0.31202	0.33553	0.7481	0.58881	0.51448	0.70448	1.30313
0.47004	0.64117	0.59301	0.64471	0.70811	0.7482	0.42321	0.5275	1.51823
0.57403	0.42686	0.67941	0.5711	0.67494	0.34159	0.71199	0.84844	1.22981
1.15121	0.59035	1.08761	1.20174	1.67946	1.24204	2.33578	2.72116	2.42595
0.73876	0.65996	0.77754	0.84011	0.89174	0.82443	1.04665	0.77259	1.19733
0.32897	0.32141	0.33924	0.33893	0.83615	0.82641	1.0029	1.03441	1.22882
0.83027	0.67053	0.6028	0.73653	0.86777	0.90096	0.6685	0.63083	1.67821
0.6496	0.69584	0.57291	0.66066	0.71142	0.77519	0.83281	0.8133	0.90844
0.76612	0.55748	0.96537	0.86923	0.76334	0.61152	1.0906	1.09278	1.28923
0.77031	0.54527	0.69362	0.60983	0.59755	0.65236	0.73816	0.67496	1.30439
0.28798	0.27318	0.56873	0.34137	0.51019	0.59216	0.57754	0.55163	0.69013
0.55524	0.44987	0.42155	0.57178	0.81237	0.66044	0.66369	0.94011	1.0537
0.4227	0.29488	0.37348	0.32641	0.8739	0.818	0.78229	0.96183	1.66985
0.33319	0.30963	0.37437	0.28108	0.92175	0.93479	0.99894	1.09332	1.45801
0.36594	0.47226	0.6828	0.45462	0.57805	0.6869	1.00563	0.91908	0.96226
0.53078	0.55883	0.72197	0.72235	1.0223	1.16174	0.67804	0.90203	1.29643
0.54707	0.61277	0.57006	0.68412	0.53933	0.77069	0.60671	0.43511	1.14403

0.28012	0.35288	0.36724	0.30684	0.98498	0.88353	1.1093	1.32185	1.6426
0.65712	0.63462	0.715	0.71716	0.53902	0.67618	0.45367	0.51843	0.9995
0.79587	1.08213	2.26611	1.25894	1.35138	1.70006	2.18836	2.49889	2.31288
0.2382	0.28205	0.26569	0.34134	0.20829	0.24583	0.26422	0.31633	0.83931
0.76611	1.22858	0.99264	1.01755	1.1309	1.18679	1.2742	1.17901	1.605
0.57389	0.59204	0.93223	0.98656	1.89566	1.70339	2.67696	2.60613	2.21123
1.33587	1.5176	1.68107	1.57518	1.14982	1.2345	1.28154	1.20246	1.72276
0.48174	0.33104	0.40696	0.36266	0.50242	0.5205	0.50839	0.56666	1.14882
0.24082	0.29634	0.52289	0.34844	0.48894	0.5437	0.84607	0.5458	0.85404
0.65306	0.83954	0.75031	0.77257	0.52695	0.62231	0.61733	0.51556	1.15311
0.715	0.45183	0.59246	0.54486	1.03412	0.79216	1.15697	1.33107	1.39622
0.36649	0.39893	0.65393	0.61215	0.61703	0.69937	0.86604	0.7793	0.98386
0.18555	0.41346	0.36204	0.34475	1.13617	1.19586	1.17731	1.30747	1.84964
0.39778	0.68916	1.23522	0.7509	0.27475	0.38709	1.09262	0.83097	1.36361
0.31362	0.46261	0.31471	0.34176	0.72143	0.58101	0.89285	0.86941	1.28572
1.9102	1.97678	2.39958	2.38787	3.15109	3.03081	3.19898	3.33445	3.1513
0.12114	0.64104	0.60266	0.56275	0.54854	0.75344	0.62767	0.62586	1.23173
0.51822	0.68104	1.108	0.85157	1.0558	1.003	1.70128	1.47075	1.7516
0.43806	0.51354	0.59274	0.59313	0.52123	0.49571	0.40799	0.47636	0.89387
0.43458	0.40215	0.51698	0.51406	1.29676	1.19469	1.46668	1.57253	1.8748
0.34185	0.25253	0.43044	0.38651	1.09715	0.96166	0.94061	1.13801	1.68337
0.47109	0.40992	0.52817	0.38695	0.76424	0.80339	0.69907	0.62524	1.25916
0.46178	0.42299	0.43282	0.4053	1.03429	1.11643	1.0171	0.98284	1.7844
0.60664	0.50546	1.28262	1.0588	0.64858	0.75295	1.21702	1.58718	1.91724
0.70095	0.85289	0.68818	0.77031	0.60755	0.80568	0.58129	0.66896	1.00547
0.58904	0.50091	0.33985	0.64077	0.88181	0.81492	0.86626	1.08355	1.81403
0.53013	0.59314	0.53742	0.55246	0.91699	1.0443	1.10554	1.18616	1.54189
0.52512	0.45337	0.78006	0.76846	0.44193	0.41669	0.43138	0.47375	1.03016
0.38654	0.39177	0.32366	0.35734	0.22624	0.21961	0.16494	0.34918	0.99306
1.17218	1.5019	1.26827	1.11933	0.99481	1.2372	0.88733	0.83856	2.20968
0.54995	0.33616	0.49659	0.42312	1.30308	1.13968	1.30466	1.39355	1.82971
1.92744	1.82842	2.79962	2.41332	1.87399	1.4475	2.11792	2.09603	2.23033
0.18946	0.47046	0.16903	0.29224	0.90432	0.67933	0.8513	1.00473	1.84409
0.70321	0.6714	0.83205	0.91372	2.02053	1.73958	2.51347	2.24365	2.2938
0.51441	0.38974	0.48586	0.65084	0.78371	0.68145	0.65417	0.8371	1.40054
0.77268	0.90144	0.9454	0.90958	0.94255	0.90481	1.10544	0.93449	1.06062
0.29552	0.24068	0.33735	0.35033	0.39565	0.34748	0.21615	0.2414	0.88745
0.63221	0.43031	0.60099	0.41894	1.06108	0.78766	0.94938	1.07621	1.79171
1.03177	0.61261	1.35194	0.74527	0.97431	1.16022	1.73372	1.48332	1.51677
0.45496	0.66105	0.57054	0.49516	0.73719	0.80648	1.01746	1.11934	1.06781
0.64388	0.72492	1.30872	1.1619	1.10145	1.05694	1.47316	1.50933	1.34621
0.50242	0.3157	0.32435	0.33116	0.84149	0.75027	0.77896	0.92457	1.41062
1.0669	0.98132	1.6512	1.50172	1.62765	1.49832	2.21852	1.97227	2.1377
0.28043	0.29878	0.50828	0.37985	1.08653	0.99012	1.35851	1.42856	1.81524
0.35067	0.34912	0.99091	0.81576	0.61187	0.61498	0.99061	0.86991	0.85436
1.27872	1.17159	1.45994	1.58716	1.00091	0.8441	1.03384	0.94291	1.3476
0.33739	0.22364	0.3985	0.32708	1.02671	0.87869	1.09084	1.18644	1.58957
0.33733	0.70581	0.668	0.38307	0.86151	0.90628	0.8718	0.69014	1.65832
1.5297	1.46398	1.70319	1.70072	2.14949	1.88909	2.34535	2.39321	2.42466
0.38676	0.33972	0.65461	0.57232	0.41877	0.40452	0.27005	0.30427	0.9454
0.43502	0.35583	0.33558	0.40132	0.97036	0.84106	0.87346	1.00609	1.30457
0.64636	0.23607	0.51922	0.4873	1.28853	0.97115	1.18459	1.35272	1.85744

0.34409	0.29761	0.34332	0.40316	1.2207	1.20192	1.3693	1.44638	1.90568
0.6316	0.50484	0.63806	0.54526	0.72711	0.63456	1.18349	1.15825	0.94726
0.34177	0.19499	0.40168	0.3414	0.89341	0.73748	0.76578	0.8501	1.50812
0.21865	0.2964	0.23471	0.12437	0.25754	0.41728	0.40224	0.36505	0.56379
0.27197	0.22814	0.29367	0.29286	0.52961	0.49743	0.47604	0.44298	0.64997
0.37479	0.51548	0.62471	0.54955	1.6886	1.58596	1.83667	1.80115	2.55646
0.43092	0.75077	0.75406	0.5296	0.78222	0.783	1.198	0.97366	2.39554
0.37895	0.29186	0.2392	0.25057	0.94945	0.88596	0.96555	1.05233	1.42738
0.52524	0.58661	1.14572	0.92425	1.10155	1.08187	1.5508	1.48951	1.52644
0.50828	0.49689	0.38367	0.67025	0.6263	0.61531	0.48408	0.72475	0.95532
1.05434	0.83642	1.41943	1.19111	0.85956	0.53878	1.58253	1.34687	1.69833
0.73914	0.77459	0.76239	0.92993	1.07619	1.06901	0.97073	1.18724	1.41666
1.48599	1.58771	1.59544	1.44845	0.89546	0.91333	0.99872	0.98364	1.91954
0.23792	0.2586	0.3946	0.46333	0.95882	0.87523	0.90216	1.02897	1.82489
0.19294	0.44381	0.30184	0.2687	0.73349	0.67042	1.14927	0.99779	1.28296
0.30428	0.40632	0.41273	0.45553	0.43866	0.46267	0.21886	0.40501	1.13878
0.68202	0.5784	1.10319	0.99958	0.686	0.44292	1.06286	0.95286	1.16696
0.24302	0.38719	0.64052	0.3913	0.39681	0.4633	0.76073	0.56837	0.90542
0.86926	0.79159	1.14318	0.89443	0.84307	1.00433	1.37779	1.2733	1.47508
0.6888	0.52756	0.62987	0.9128	1.22406	1.14781	1.61398	1.95806	1.65693
0.74399	0.57469	0.4542	0.38703	0.57134	0.5053	0.56522	0.81555	1.11338
0.31866	0.26335	0.44873	0.34878	0.61006	0.61954	0.53307	0.6165	1.35488
0.4395	0.40401	0.5857	0.61482	0.25245	0.22042	0.55638	0.59708	0.74125
0.30068	0.34725	0.35153	0.30901	0.63906	0.64817	0.78417	0.8001	1.13447
0.56306	0.29199	0.53657	0.57996	0.42376	0.24898	0.4405	0.42175	0.98017
0.66269	0.48619	0.46954	0.44367	0.95679	0.62387	1.28478	1.48047	1.81105
0.30725	0.13806	0.24618	0.37362	0.66829	0.61227	0.59337	0.78847	1.31637
0.40824	0.45944	1.14205	0.88556	2.19337	2.03455	3.32716	3.2829	2.56517
0.32115	0.24644	0.40543	0.46986	0.91988	0.79834	1.14431	1.17874	1.00542
0.76754	0.83851	0.71218	0.75285	0.64421	0.75596	0.94894	0.85029	0.86744
0.21455	0.06634	0.31203	0.36417	1.0613	1.13783	1.09807	1.13489	1.88523
0.67067	0.64333	0.64772	0.87062	0.63461	0.71699	0.43338	0.46094	1.03373
0.41642	0.54552	0.38336	0.39991	0.50358	0.59806	0.54901	0.45041	0.79994
0.29115	0.69056	0.77342	0.66279	0.96457	0.92553	1.19498	0.8791	1.66798
0.2761	0.36818	0.44418	0.41626	0.31985	0.4279	0.24595	0.33205	0.82659
1.19283	1.09747	1.06768	0.98432	0.96134	1.10585	1.29652	1.25965	1.58218
0.2416	0.30936	0.32327	0.31961	0.78296	0.86081	0.80036	0.77435	1.29272
0.12614	0.26818	0.38066	0.31771	0.13127	0.39461	0.45483	0.40352	0.68247
0.45383	0.28518	0.23602	0.46653	0.7447	0.58379	0.77723	0.86178	1.60313
0.67416	0.46356	0.41255	0.3665	0.57987	0.32989	0.59233	0.74272	1.07902
0.69695	0.85901	0.70284	0.93371	0.73644	0.58668	0.77249	1.12144	1.64367
0.25354	0.44512	0.13545	0.34898	1.01469	1.07968	1.03006	1.147	1.93393
0.33909	0.38397	0.17713	0.37361	0.93436	0.98679	0.79925	0.88499	1.35974
0.29382	0.62574	1.18314	1.19092	1.08795	1.00497	2.31868	2.38365	1.69602
0.51048	0.73814	0.55177	0.63105	0.82197	0.90458	1.00583	1.01138	1.11239
0.24823	0.32042	0.55306	0.53544	0.64341	0.65194	0.48411	0.4744	1.1863
0.34104	0.37863	0.37319	0.45169	0.67243	0.60307	0.61308	0.67792	0.68584
0.26703	0.2367	0.29421	0.07565	0.47147	0.45899	0.57689	0.40607	1.16592
0.47676	0.27395	0.35592	0.2565	1.02691	0.78155	1.26097	1.3997	1.78329
0.31358	0.37464	0.3974	0.45502	0.74188	0.58901	1.05064	1.2476	0.91205
0.51463	0.24657	0.26752	0.52119	0.68095	0.42472	0.3885	0.69777	1.20445
0.48212	0.84538	0.78828	0.88465	0.51819	1.01395	1.14339	1.10859	1.17456

1.02648	0.9712	1.04557	1.04105	0.68473	0.66819	0.47936	0.48435	1.34676
0.25715	0.4364	0.87171	0.52702	0.48158	0.54193	0.9514	0.76993	1.04558
0.49283	0.60557	0.37374	0.59605	0.51072	0.62425	0.5008	0.32691	1.17057
0.27549	0.20288	0.2069	0.31109	0.41142	0.43076	0.3062	0.36043	0.73452
0.50203	0.74473	0.66182	0.61993	1.30202	1.44648	1.53688	1.48023	1.61333
0.29829	0.37771	0.44344	0.19012	0.68819	0.70497	0.92327	0.75492	1.90012
0.2842	0.37473	0.28133	0.36607	0.44643	0.56738	0.56831	0.56068	0.68602
0.08047	0.15604	0.45068	0.35458	1.12829	0.9542	1.14732	1.26638	1.63184
0.519	0.31503	0.51749	0.55792	0.72403	0.57211	0.4729	0.55602	1.35514
0.25346	0.54701	0.31971	0.46247	0.72243	1.14641	0.64111	0.77672	1.96033
0.61578	0.92004	0.92018	0.79562	0.56889	0.96525	0.90235	0.88426	1.34768
0.48095	0.61335	0.3037	0.42392	1.15975	1.23523	1.47828	1.50266	1.84969
0.38144	0.32006	0.35641	0.42483	0.49353	0.34843	0.4785	0.62494	0.9
0.53422	0.51626	0.4679	0.46401	0.70811	0.80181	0.72262	0.75354	0.86553
0.54746	0.2007	0.37064	0.45165	0.93471	0.46483	0.8436	0.9971	1.61782
0.32711	0.1516	0.23231	0.23237	0.58242	0.51691	0.48874	0.62147	0.95582
0.4398	0.34828	0.49316	0.284	0.80914	0.62627	0.81555	1.00992	1.40698
0.246	0.25873	0.33408	0.20617	0.80499	0.70753	0.87275	0.6037	1.20982
0.38853	0.45427	0.35653	0.47056	0.48388	0.59687	0.2619	0.34631	1.22353
0.15466	0.19928	0.2225	0.23107	0.65469	0.76633	0.8477	0.54394	1.68497
-0.00211	0.12646	0.19032	0.19856	0.21374	0.30274	0.45299	0.38409	0.5495
0.55295	0.4072	0.50105	0.41345	0.50585	0.63979	0.64478	0.59696	1.36483
0.15675	0.25077	0.39509	0.38288	0.54614	0.58905	0.75882	0.61157	1.11334
1.14172	1.11264	1.24882	0.9007	0.65003	0.75413	0.57612	0.50487	1.6983
0.29386	0.41047	0.31781	0.30767	0.52553	0.6215	0.38974	0.59137	0.80163
0.32141	0.37858	0.20452	0.42722	0.64893	0.64455	0.58538	0.56191	1.00009
0.60366	0.70553	0.54053	0.56025	0.80366	0.93418	0.4327	0.49932	1.30095
0.35728	0.28761	0.15209	0.32192	0.9034	0.89629	1.01477	1.17198	1.54802
0.41577	0.15479	0.27137	0.5095	0.8108	0.70371	0.72535	0.71528	1.06048
1.05914	0.88021	0.92575	0.85614	1.13806	0.94745	1.09997	1.26479	1.65136
0.78899	0.59932	0.66675	0.79307	0.5539	0.41244	0.31034	0.58591	1.16289
0.33106	0.30032	0.45969	0.32096	0.43045	0.35593	0.39773	0.42996	0.85262
0.11957	0.36225	0.18441	0.39321	0.59762	0.54849	0.88166	1.00992	0.94608
0.93944	0.90118	0.80106	0.95361	1.02054	1.05333	1.03718	1.11083	1.16933
0.65523	0.59312	0.7561	0.6473	0.44705	0.48449	0.37652	0.40969	0.78426
0.34866	0.45227	0.58276	0.38855	0.71871	0.9074	0.58293	0.4864	1.22623
0.16416	0.39454	0.51138	0.5055	0.57318	0.56571	0.51089	0.46461	0.74089
0.20908	0.42902	0.4578	0.52836	1.19698	1.23177	0.59133	0.75057	1.75265
0.71456	0.51644	1.77183	1.27093	1.62207	1.74605	2.47725	1.85467	1.49291
1.19427	0.2362	1.13228	1.10075	1.33283	0.72515	1.1026	0.82093	2.25487
0.62997	0.47438	0.32995	0.48756	0.88777	0.55812	0.63942	0.6909	1.4293
0.23316	0.56023	0.48786	0.62961	0.29843	0.31869	0.31017	0.37889	0.95187
0.50727	0.32088	0.42886	0.40142	0.82334	0.5008	1.11708	1.21285	1.49352
0.30665	0.37605	0.52327	0.33632	0.11767	0.37244	0.26028	0.26622	0.81334
0.296	0.46349	0.81149	0.59596	0.69664	0.8412	1.34904	1.1079	1.19845
0.34721	0.32169	0.5674	0.28221	0.31508	0.2696	0.33912	0.31835	0.73651
0.63079	0.88992	0.87996	1.04052	0.80982	0.82748	0.52949	0.66435	1.35865
0.30355	0.18135	0.54818	0.47353	0.88105	0.72792	0.44886	0.52594	1.19222
0.19956	0.4477	0.47517	0.26187	0.49449	0.57358	0.88613	0.79411	0.8099
0.7571	0.83006	0.93173	0.82223	0.4845	0.68059	0.57749	0.61712	1.04814
0.83518	1.20564	1.28496	0.81232	0.69506	1.04303	0.81999	0.70741	1.49278
0.37621	0.40497	0.39991	0.40827	0.74101	0.74083	0.40487	0.46877	1.53022

0.39884	0.72803	0.90389	0.40328	0.86891	1.10271	1.03909	0.93235	1.58221
1.59822	1.37856	1.58386	1.95249	1.49597	1.28302	1.56333	1.94567	1.97854
0.31814	0.44721	0.32672	0.37105	0.61454	0.67503	0.57643	0.59783	0.92334
0.54913	0.35733	0.4106	0.42697	0.6508	0.53955	0.55671	0.71468	0.70814
0.22499	0.24385	0.21036	0.1789	0.47953	0.49431	0.63077	0.66207	0.76316
0.05804	0.25863	0.20611	0.15048	0.54883	0.85319	0.60776	0.6455	1.51591
-4.20E-04	0.33658	0.67195	0.37882	0.83106	0.79694	1.29376	1.23787	1.72093
0.22016	0.35982	0.24811	0.27698	0.36784	0.41782	0.65964	0.59182	0.70231
0.08974	0.15832	0.14009	0.24039	0.27558	0.30063	0.2899	0.44074	0.46587
0.11931	0.14405	0.26752	0.15427	0.5802	0.66635	0.70224	0.64764	0.8965
0.44966	0.42882	0.37516	0.32964	0.42854	0.36127	0.39972	0.45389	1.07616
0.79585	0.5182	0.8602	1.09008	0.57805	0.27588	0.47761	0.89912	1.87171
0.63554	0.53442	0.66271	0.55764	0.83755	1.10202	0.69849	0.52494	1.62654
0.38639	0.10163	0.29822	0.31228	0.80775	0.37336	0.6243	0.8483	1.46809
0.30071	0.254	0.2137	0.43308	0.57027	0.43237	0.3832	0.46207	0.83542
0.57207	0.13332	0.79745	0.36801	0.70562	0.40181	0.68433	0.59174	1.20144
-0.00421	0.49595	0.63397	0.14388	0.75244	0.7949	1.80053	1.41401	1.7567
0.17757	0.28888	0.32497	0.36951	0.70054	0.59336	0.60232	0.36458	0.80471
0.22947	0.27194	0.33701	0.53896	0.45776	0.40481	0.41969	0.45034	0.67881
0.25818	0.28603	0.14857	0.21523	0.53731	0.33034	0.28778	0.42934	0.92937
0.31929	0.32388	0.86523	0.62312	0.45229	0.42033	1.03944	0.94805	0.4694
0.30432	0.62155	0.51535	0.48636	0.45764	0.66399	0.65648	0.61999	0.772
0.31969	0.20554	0.49166	0.41227	0.43779	0.44059	0.60653	0.69871	0.48231
0.22869	0.34731	0.11208	0.19497	0.48504	0.58889	0.66008	0.61307	0.88199
0.461	0.50808	0.51017	0.41391	0.38612	0.14057	0.75749	0.71661	0.83713
0.50697	0.44323	0.60974	0.46452	0.68657	0.80647	0.93621	0.7495	0.78518
0.1746	0.24637	0.29391	0.33824	0.65779	0.49531	0.80184	0.81886	0.9907
0.231	0.28428	0.21488	0.16421	0.26267	0.3403	0.32315	0.38834	0.64013
0.18571	0.11593	0.28671	0.3051	0.47157	0.35241	0.69425	0.76254	0.77061
0.4916	0.48905	0.43217	0.40446	0.40001	0.46419	0.74089	0.61844	0.78108
0.61184	0.86659	0.90554	0.65529	0.58888	0.84518	1.32904	1.02112	1.15304
0.11875	0.10115	0.5031	0.40461	0.58241	0.44315	1.41457	1.50503	1.25269
0.32364	0.50008	0.11773	0.24687	0.8346	0.85101	0.61007	0.76789	1.65032
0.3287	0.4028	0.4687	0.35795	0.48039	0.62609	0.4529	0.47295	0.94156
0.62303	0.78228	0.77292	0.5475	0.74264	0.94565	0.7997	0.57675	1.73992
0.16104	0.4217	0.41166	0.42758	0.46792	0.45471	0.91598	0.68604	0.6337
0.21951	0.43639	0.47894	0.42868	0.32961	0.2192	0.40013	0.38147	0.82786
0.94321	1.18002	1.37491	1.35416	0.70286	0.91155	0.98964	0.94012	1.6385
0.36752	0.52737	0.31386	0.31783	0.48668	0.46429	0.26082	0.3054	0.82766
0.35957	0.40071	0.27695	0.3491	0.72797	0.71848	1.18755	1.0256	1.70352
0.19465	0.316	0.55086	0.21228	0.38608	0.66539	0.85287	0.6437	0.65932
0.45049	0.53077	0.24373	0.40232	0.44052	0.55407	0.50827	0.44807	0.8863
0.44374	1.01144	2.07386	1.25351	0.2335	0.71145	1.22796	1.23897	1.7767
0.19354	0.23465	0.29213	0.3577	0.97954	1.16798	0.80686	0.7478	1.28572
0.02686	0.25829	0.55935	0.39048	0.4168	0.52596	0.84115	0.75947	0.73451
0.39753	0.75707	0.68717	0.48645	0.54121	0.92552	0.86816	0.61668	1.10992
0.29737	0.46185	0.61206	0.21567	0.50294	0.76976	0.66728	0.44467	1.1799
0.21132	0.1418	0.16895	0.2444	0.64499	0.68048	0.40288	0.42674	1.13274
0.14567	0.23948	0.24653	0.3546	0.65753	0.76038	0.6633	0.74713	0.96306
0.0346	0.29254	0.1624	0.44155	0.73187	0.84296	0.72905	0.77429	1.59892
0.38442	0.3877	0.22399	0.5031	0.69823	0.61528	0.82622	0.91846	0.94674
0.23013	0.12668	0.39121	0.39475	0.18648	0.1513	0.61854	0.48495	0.52086

0.44508	0.46016	0.52438	0.51573	0.47181	0.48028	0.61163	0.39415	0.99971
0.30599	0.17463	0.23312	0.14963	0.27825	0.29478	0.27761	0.33932	0.49511
0.38147	0.72405	0.71424	0.415	0.44588	0.97915	1.04458	0.72292	1.40095
0.37618	0.2022	0.15758	0.22439	0.61047	0.62254	0.54829	0.58539	0.91438
0.22969	0.34832	0.82595	0.75058	0.22319	0.29355	0.60765	0.53718	0.70679
0.4356	0.52741	0.43377	0.60184	0.4126	0.40669	0.48093	0.31821	1.03
0.11056	0.20114	0.64718	0.44731	0.30599	0.33903	0.60671	0.67829	0.44598
0.91392	0.85825	1.21919	1.42309	0.84817	0.76049	1.03966	1.21181	1.15079
-0.12418	0.66625	1.01396	0.79255	0.61998	0.41419	0.96513	0.45961	2.26481
0.51598	0.51082	0.4213	0.49856	0.6218	0.66838	0.5394	0.68881	0.90616
0.94795	1.03732	1.01253	0.97946	1.27697	1.38483	1.51505	1.3742	2.41526
0.27737	0.49489	0.42236	0.29395	0.46233	0.66044	0.98883	0.9706	0.98914
0.32514	0.28813	0.6205	0.37562	0.40047	0.44333	0.80867	0.73697	0.8327
0.62002	0.55073	0.92606	0.71737	0.4249	0.43486	0.69611	0.76587	0.6472
0.47472	0.15601	0.19501	0.26182	0.29603	0.28843	0.40566	0.47435	0.99157
2.97179	2.62466	3.39713	2.68032	2.07201	2.33514	2.47499	2.31786	3.34778
0.43666	0.25649	0.10221	0.36413	0.89856	0.54858	0.57743	0.81493	1.86291
0.40444	0.41719	0.7453	0.59765	0.46544	0.55657	0.79245	0.55765	0.89851
0.28668	0.43396	0.71024	0.69593	0.23042	0.56375	0.46137	0.40786	0.80461
0.2562	0.27488	0.27029	0.2508	0.75444	0.76572	0.91259	0.90848	0.8999
0.35467	0.24561	0.2037	0.31942	0.42888	0.41655	0.15543	0.28357	0.92792
0.33739	0.46882	-0.02815	0.21876	0.88074	1.02588	1.08411	1.06017	1.63371
0.55171	0.52061	0.47334	0.3063	1.15122	1.0593	1.3299	1.49138	1.23798
0.15253	0.2561	0.08594	0.17465	0.63586	0.72353	0.54993	0.64873	1.18215
0.25808	0.06949	0.25002	0.26952	0.65488	0.44527	0.90404	0.82697	1.02012
0.20184	0.2082	0.38002	0.18186	0.32399	0.45458	0.41627	0.43562	0.60372
0.20876	0.48675	0.68623	0.49595	0.50195	0.63169	1.00978	0.84679	1.06247
0.90453	0.88626	1.18051	1.14631	0.87906	0.9013	1.05561	1.15287	0.89953
0.27118	0.50938	0.23705	0.48025	0.49467	0.56474	0.18324	0.29012	1.35266
0.44279	0.27809	0.24829	0.3068	0.43799	0.37873	0.38976	0.40672	0.74075
0.74834	0.72429	2.19901	1.22873	0.54917	0.4005	2.27019	2.36876	1.75405
0.77141	0.65696	0.85344	0.98427	0.95994	0.77824	1.25007	1.26131	1.47223
0.21094	0.63478	0.59251	0.47289	0.21572	0.3643	0.8231	0.5409	1.60063
0.32742	0.43062	0.374	0.28987	0.393	0.47556	0.70551	0.803	1.11886
0.47495	0.39536	0.33232	0.28585	0.49822	0.66015	0.52978	0.58416	0.60724
0.6711	0.89372	0.8358	0.95897	0.52965	0.52842	0.49743	0.45283	1.05141
0.63204	0.73916	0.75557	0.60407	0.98277	1.16107	1.32474	1.16374	1.72539
0.39252	0.27235	0.35933	0.3879	0.33672	0.2957	0.52416	0.50579	0.6656
0.71445	0.73463	0.79146	0.73068	0.51259	0.3301	0.40308	0.44179	0.88195
0.84744	0.57734	0.56772	0.57997	1.44758	1.19423	1.40846	1.6176	1.9778
1.00405	1.03112	1.12252	0.74459	0.50556	0.59352	0.49391	0.64979	1.30602
0.08789	0.13003	0.4633	0.3259	0.23746	0.31391	0.63024	0.43123	0.59394
0.29069	0.4503	0.22858	0.27251	0.6522	0.91307	0.77923	0.79739	0.98957
0.05905	0.18423	0.55777	0.25251	0.24243	0.33542	0.52819	0.37121	0.60515
0.42256	0.58205	0.66913	0.4849	0.29318	0.63834	0.90756	0.62619	1.17395
1.66766	1.46143	1.8933	1.70529	2.52615	2.22122	2.23058	2.22484	2.35081
0.39807	0.35605	0.38531	0.43954	0.43308	0.43002	0.53568	0.548	0.57152
0.24734	0.39904	0.65888	0.35956	0.67011	0.88029	1.42518	1.21147	0.92079
0.44171	0.57101	0.55018	0.45621	0.39449	0.56976	0.80641	0.76234	0.69262
0.20382	0.20044	0.44143	0.34599	0.20011	0.55892	0.54829	0.4557	0.61318
0.7012	0.41552	0.47516	0.50422	0.62188	0.44293	0.16051	0.39826	0.99658
0.81945	0.94358	1.12786	1.10342	0.52705	0.2989	0.56204	0.63545	1.33653

0.60914	0.51927	0.62917	0.53701	0.45294	0.39985	0.68836	0.66843	0.75678
0.86902	0.76582	0.9447	0.883	0.62471	0.33539	0.87998	0.82214	1.12326
0.64045	0.97172	1.0598	0.45662	0.92776	1.11147	1.54723	1.31482	2.0506
0.74347	0.45874	0.71237	0.64259	0.63724	0.57353	0.95094	0.95052	0.89067
0.46648	0.6488	0.89207	0.52912	0.71469	0.64739	0.77822	0.39171	0.96599
0.21855	0.36611	0.28946	0.28106	0.3108	0.46523	0.40692	0.41063	0.64998
0.5222	0.15792	1.1744	0.78694	0.61488	0.6694	1.12887	0.80981	1.28681
0.35922	0.56165	0.16686	0.18551	0.63967	0.70538	0.82732	0.79807	0.88041
0.70068	0.95053	0.51964	0.70034	0.42066	0.34741	0.69248	0.69167	1.00977
1.1989	0.98148	1.14374	1.08756	1.7152	1.55913	1.6991	1.78204	2.15187
0.53875	0.85055	0.99242	0.68701	0.3984	0.66987	0.65953	0.51648	1.27668
0.12101	-0.07616	0.24694	0.07685	0.96162	0.84032	1.25716	1.17016	2.74313
1.15471	1.05409	1.02029	0.98539	1.88466	1.88536	2.06526	2.11869	2.58745
0.6029	0.66334	0.639	0.63701	0.58575	0.74321	0.73448	0.6305	1.44253
0.33851	0.20245	0.31319	0.19254	0.24415	0.19991	0.26176	0.35762	0.70524
0.45638	0.66287	1.22337	0.45785	0.51915	0.49828	1.54174	0.95963	1.70055
0.15336	0.15025	0.16135	0.35354	0.56837	0.773	0.56304	0.62342	1.24356
0.29268	0.20378	0.187	0.28021	0.57105	0.4794	0.26686	0.45709	1.22299
0.76245	1.04538	1.29524	0.86083	1.01446	1.44377	1.62162	1.2656	1.50071
-0.08974	0.11187	0.10039	0.21306	0.90285	0.73951	0.75548	0.86571	1.43574
0.69199	0.74788	0.57375	0.8249	0.56864	0.68349	0.37608	0.64895	1.29723
0.47204	0.32001	0.17247	0.48033	0.62524	0.20734	0.85227	0.83127	1.01965
0.14687	0.06951	0.28343	0.08778	0.44265	0.66984	0.72261	0.96992	1.01398
1.12975	1.45004	1.207	1.35976	0.57149	0.81178	0.79091	0.5743	1.41028
0.73027	1.01592	1.0575	0.97625	1.29493	1.13342	1.37055	0.83644	2.73112
0.17942	0.33821	0.33525	0.30978	0.27132	0.40429	0.44048	0.46449	0.51726
0.31697	0.32207	1.07815	0.77641	0.4528	0.52011	1.17098	1.10315	0.71012
0.23159	0.28128	0.17096	0.32969	0.55526	0.56761	0.36934	0.38449	0.81952
0.23679	0.09662	0.18335	0.13553	0.49369	0.37557	0.48628	0.63844	0.92057
0.55738	0.39469	0.38402	0.6673	0.75536	0.57615	0.56238	0.90712	1.15297
0.19574	0.37999	0.92408	0.54288	0.46941	0.66731	1.75025	1.57998	1.34451
0.11857	0.15155	0.30197	0.15432	0.27148	0.19884	0.4309	0.32655	0.61965
0.12265	0.07437	0.37255	0.4594	0.36757	0.23858	0.7653	0.7466	0.74631
1.60219	1.66759	2.93429	3.03369	1.65092	1.32119	1.6683	2.52315	2.66577
0.4773	0.41351	1.25164	0.54816	0.64726	0.85665	1.22665	1.16639	1.56892
0.2154	0.19015	0.43469	0.45795	0.25168	0.24095	0.53529	0.68657	0.39949
0.37217	0.28675	0.36534	0.33971	0.38216	0.32476	0.0689	0.20368	1.18744
0.47024	0.22023	0.59146	0.2669	0.3393	0.24944	0.55482	0.58967	0.58128
1.0636	1.15912	1.24432	1.27822	1.47243	1.5165	1.52223	1.55727	1.30636
0.46859	0.2925	0.13579	0.26537	0.61664	0.20998	0.57392	0.91441	1.23595
0.32519	0.03174	0.23688	0.05486	1.11366	1.20281	1.36267	1.2066	1.83596
0.024	0.50978	0.83384	0.39918	0.18703	0.69784	0.95858	0.52191	0.77966
1.24751	1.3179	1.33508	1.25693	1.04304	1.00088	1.26699	1.41267	1.22067
0.32767	0.36672	0.36304	0.40973	0.51714	0.55741	0.39303	0.63277	1.78846
0.63576	0.91984	1.68979	1.00014	0.67046	0.881	1.65969	0.92637	1.01001
0.41275	0.26427	1.2143	0.91876	0.39809	0.41778	1.07404	0.85663	0.58143
-0.045	0.29671	0.33459	0.25825	0.34596	0.67145	0.72074	0.44481	0.76817
0.52182	0.26443	1.0043	0.98692	0.9631	0.89694	1.48359	1.6796	1.173
0.47842	0.39617	0.41058	0.53468	0.53666	0.56633	0.1642	0.27289	1.01353
0.48824	0.37079	0.45612	0.49602	0.51511	0.29474	0.64435	0.66539	1.38373
0.27064	0.345	0.13521	0.32159	0.63519	0.49057	0.53768	0.66028	1.24753
0.00987	-0.00223	0.11761	0.01834	0.45292	0.40475	0.42739	0.48233	1.017

0.09021	0.4096	0.15481	0.06555	0.24687	0.23711	0.49068	0.31038	0.862
0.61828	0.51802	0.4849	0.73615	0.54565	0.5036	0.63098	0.99652	0.87078
0.247	0.25184	0.59888	0.58619	0.36813	0.39613	0.33793	0.45881	0.44618
0.22439	0.403381	0.29807	0.47397	0.54171	0.53352	0.3905	0.43731	0.90444
0.18508	0.32418	0.28658	0.23577	0.38771	0.05751	0.73033	0.59841	0.69
0.5109	0.64196	0.48174	0.44771	0.59663	0.85452	0.73741	0.66269	1.06247
0.31608	0.30643	0.36987	0.6999	0.49908	0.76301	0.37091	0.43672	0.824
0.17457	0.26251	0.24646	0.2827	0.58471	0.54835	0.90558	0.87284	0.99804
0.09075	0.18547	0.18421	0.40196	0.28229	0.52564	0.38308	0.29256	0.91864
0.28899	0.0467	0.26779	0.32786	0.9583	0.89688	0.70242	0.87868	1.32301
1.12291	1.33988	1.3071	1.06476	0.66271	0.80195	0.76527	0.65574	1.37045
0.20314	0.12846	0.03227	0.27641	0.84045	0.87172	0.83064	1.08528	1.41198
0.25268	0.27404	0.25186	0.08434	0.43969	0.60863	0.87108	0.69822	1.14544
0.11367	0.27556	0.30814	0.15317	0.24934	0.32962	0.44912	0.35235	0.32669
0.53645	0.34361	0.38428	0.49321	0.45082	0.39998	0.22061	0.45102	0.72739
0.21694	0.49396	0.10949	0.43347	0.82265	1.00887	0.81748	1.05003	2.13947
0.59477	0.48215	1.0196	0.73507	0.55429	0.69851	0.70368	0.5717	0.80599
0.68542	0.73456	1.24576	1.17981	1.25254	0.92505	1.56072	1.59742	1.15608
0.30976	0.29508	0.72226	0.60553	0.23795	0.4261	0.5733	0.48246	0.90609
0.39258	0.49987	0.45222	0.44248	0.55037	0.57784	0.5012	0.51426	0.52568
0.06992	0.37356	0.10262	0.2137	0.67774	0.76972	0.65323	0.61682	0.92687
0.20889	0.18647	0.39148	0.21288	0.19062	0.15394	0.69739	0.70373	0.48773
0.14459	0.26804	0.44455	0.43596	0.39733	0.65112	0.95924	0.88545	0.95083
0.36253	0.26586	0.20252	0.36161	0.58432	0.57799	0.57003	0.8928	1.03482
0.14561	0.47189	0.3834	0.84154	0.6593	0.58625	0.76123	1.03181	0.9019
-2.00E-04	0.23547	0.01304	0.44769	0.70047	0.70985	0.83656	0.7642	1.63382
0.21895	0.50862	0.4229	0.50221	0.22564	0.1844	0.32011	0.44993	0.93512
0.1011	0.11171	0.07543	0.10247	0.48681	0.59367	0.43301	0.51316	1.03042
0.21712	0.48178	0.26115	0.4413	0.67138	0.79807	0.47019	0.58386	1.39583
0.13831	0.5085	0.30433	0.36978	0.44753	0.51613	0.50682	0.59201	1.03669
-0.00914	0.06146	0.25592	0.26364	0.90238	0.8395	0.60976	0.659	1.21013
0.49667	0.20705	0.36903	0.33707	0.40782	0.31663	0.3375	0.39257	1.01604
0.35275	0.30302	0.27622	0.24838	0.24831	0.26767	0.19931	0.22517	0.47649
0.23248	0.5695	0.75051	0.49124	0.47219	0.68788	0.71076	0.6142	1.02534
1.17653	0.97023	1.05021	1.01084	0.77855	0.63684	0.49871	0.77145	1.40336
0.24566	0.2603	0.1819	0.32341	0.22204	0.26051	0.43115	0.49466	0.53392
0.27487	0.43344	0.38595	0.3215	0.589832	0.46903	0.77605	0.36842	1.87814
0.01268	0.75781	1.01969	0.70504	0.42266	0.8913	1.92213	1.38578	1.50591
0.31461	0.22672	0.25752	0.13853	0.18968	0.10998	0.19214	0.33487	0.63611
0.25446	0.49264	0.55467	0.48353	1.03429	0.97003	1.5837	1.55182	1.04407
0.14368	0.19151	0.04817	0.14446	0.27471	0.41355	0.35901	0.29801	0.59491
0.28835	0.40074	0.38844	0.45248	0.41002	0.4636	0.56407	0.52652	1.04198
0.55924	0.48725	0.63513	0.65322	0.61122	0.71148	0.84977	0.85876	0.91089
0.0179	0.50587	-0.02558	0.09415	1.51917	1.59257	1.79603	1.89832	2.16927
1.19947	1.09572	1.20321	1.52276	1.07255	0.95577	1.06786	1.39159	1.28305
0.27199	0.53628	0.91637	0.33269	0.82357	0.55227	0.54286	1.02118	1.54058
0.31549	0.59115	0.19125	0.19444	0.27843	0.45861	0.59162	0.57092	0.87878
1.00255	0.60964	0.78549	0.84987	0.68491	0.61186	1.48537	1.32707	1.67454
-0.29612	0.30749	0.36317	0.28213	0.4702	0.28125	0.84903	0.77717	1.13459
0.06224	0.48784	0.39008	0.27483	0.21183	0.68674	0.72107	0.50872	1.01318
0.42606	0.38413	0.43467	0.4954	0.45411	0.55651	0.22449	0.17882	0.78384
1.85131	3.44255	2.32996	2.38859	2.15263	2.52412	2.55448	1.9745	2.63558

0.18632	0.29813	0.31987	0.52996	0.23675	0.16036	0.41553	0.43308	0.95598
0.15663	0.44332	0.56393	0.51104	0.41685	0.38345	0.43151	0.34614	0.58105
3.40025	3.55027	3.64668	3.58552	2.5924	2.73527	2.97606	2.98934	2.69491
0.17147	0.18295	0.20809	0.20074	0.21622	0.42431	0.33037	0.24554	0.87271
1.24745	0.99863	1.21584	1.02614	0.82923	0.97638	0.73216	0.48799	1.64994
0.13381	0.30722	0.19971	0.12713	0.44353	0.51381	0.61374	0.6367	0.6447
0.24516	0.09638	0.45579	0.13049	0.36301	0.06034	0.71263	0.56063	1.22332
0.45116	0.59205	0.93194	0.67322	0.34073	0.27659	0.64306	0.38151	0.90795
0.42894	0.46292	0.49238	0.46388	0.32021	0.2884	0.10793	0.28815	0.8098
0.35939	0.50336	0.39872	0.2646	0.29516	0.50098	0.14617	0.20498	0.60203
0.19797	0.29834	0.22713	0.18363	0.31263	0.42985	0.38798	0.38208	0.57069
0.44946	0.22842	0.21228	0.23548	0.63021	0.57984	0.43747	0.65677	1.31933
0.52292	0.11794	0.78548	0.61927	0.47007	-0.05477	0.65989	0.7764	1.27826
0.02316	0.09837	0.27139	0.35427	0.41818	0.51392	0.61604	0.64644	0.83675
0.76893	0.63709	1.87713	1.40287	0.62741	0.82909	1.20879	1.01051	0.99626
0.35375	0.28777	0.2791	0.2465	0.38071	0.4325	0.6033	0.75683	1.22767
0.23881	0.27329	0.67969	0.53789	0.37795	0.31488	0.67284	0.37001	0.56189
0.09871	0.18289	0.07588	0.156	0.44079	0.54418	0.67998	0.66798	0.80592
0.44888	0.175	0.36203	0.38075	0.68739	0.62374	0.19167	0.32659	0.95027
0.29989	0.59148	0.97546	0.859	0.43428	0.38093	0.45685	0.38342	0.85636
0.19452	0.29848	0.27822	0.35199	0.59231	0.61934	0.50316	0.37633	1.01292
0.42534	0.42677	0.68231	0.78407	0.63469	0.44057	0.59238	0.59877	1.15352
0.38646	0.21278	0.20595	0.32703	0.64741	0.65841	0.81232	0.77347	0.70414
0.22327	0.36268	0.49157	0.43721	0.42988	0.51955	0.52679	0.58294	0.44259
1.02733	0.86959	0.89715	0.83005	0.72582	0.59637	0.5105	0.6951	1.29434
0.60275	0.98119	1.06711	0.75274	0.86076	0.89453	1.21652	0.68459	1.56964
1.12144	1.02415	0.90582	0.99599	1.11899	1.15011	0.66271	0.784	1.92298
0.57679	0.60483	0.59006	0.39011	0.6957	0.76345	0.7156	0.6529	0.93879
0.27516	0.67067	0.72651	0.26688	0.38557	0.79884	0.9791	0.71394	1.46313
0.5039	0.4645	0.37361	0.67097	0.44202	0.40559	0.25208	0.36434	0.99793
0.06391	0.26327	0.56757	0.28049	0.42578	0.42563	1.00479	0.42882	0.85301
0.4223	0.36946	0.78417	0.70185	0.40315	0.39904	0.70106	0.36388	1.10437
0.32561	0.15412	0.21036	0.14139	0.57348	0.60802	0.72462	0.80926	1.21512
0.12368	0.25506	0.24605	0.22458	0.36818	0.39152	0.83738	0.7482	0.64038
0.58077	0.9047	0.8529	0.66909	0.36553	0.54207	0.62663	0.45951	1.05613
1.39074	1.56557	1.56097	1.7701	0.64918	0.9797	0.92253	0.94374	1.4468
0.21688	0.56769	0.5768	0.6652	0.65837	0.788	0.56132	0.6061	1.53075
0.57714	0.45285	0.30671	0.3687	0.31321	0.14338	0.47776	0.63135	0.95449
8.60E-04	0.07786	0.09909	-0.01467	0.32228	0.38843	0.58545	0.58655	0.57619
0.3216	0.57764	0.53754	0.7233	0.71594	0.6228	1.11017	1.25763	1.66947
0.67446	0.59966	0.46002	0.59897	0.43426	0.37595	0.53176	0.55897	0.99065
0.064	0.05526	0.28113	0.0625	0.21775	0.28876	0.5106	0.21871	0.56985
0.32628	0.47025	0.32017	0.35094	0.66551	0.64874	0.42838	0.65612	1.71553
0.58046	0.46801	0.33455	0.61255	0.57743	0.12311	0.44677	0.9067	1.11277
0.19032	0.18766	0.21494	0.16057	0.32765	0.37654	0.19252	0.3009	0.80433
0.12082	0.3138	0.18179	0.19241	0.13613	0.46986	0.58002	0.36543	0.82172
0.1865	0.25234	0.43745	0.12284	0.36187	0.30556	0.27242	0.19427	0.61236
0.31368	0.15462	0.33531	0.10974	0.03592	0.05911	0.28238	0.3812	0.82752
0.12826	0.30288	0.41036	0.158	0.49987	0.73111	0.79008	0.59204	1.05408
0.29405	0.3061	0.33173	0.41019	0.50805	0.60563	0.41923	0.5659	0.9207
0.38589	0.41482	0.56927	0.29392	0.51837	0.71247	0.67358	0.40165	0.80243
1.11822	1.10215	1.3041	1.12218	0.82858	0.82026	0.65168	0.83871	1.30436

0.17528	0.21032	0.23968	0.21529	0.50263	0.50023	0.73859	0.75914	0.79313
0.86862	0.76425	0.80684	0.82973	0.92963	0.61716	0.75006	0.91808	1.69113
0.74905	0.4739	0.53299	0.57404	0.38253	0.37118	0.44041	0.55688	0.95591
0.4613	0.65953	0.76339	0.5739	0.60337	0.81105	0.7724	0.61106	0.66664
1.01212	1.17739	1.06722	1.01864	0.93424	0.89724	0.55422	0.75236	0.95048
0.25252	0.31629	0.43252	0.37049	0.20457	0.25436	0.50837	0.48422	0.33142
0.11357	0.11015	0.18534	0.15343	0.22828	0.29064	0.44447	0.35202	0.48418
-0.0981	0.49841	0.4273	0.40582	0.32475	0.40306	0.57914	0.46146	0.86837
0.13079	0.28833	0.12676	0.0699	0.32004	0.36768	0.53732	0.53778	0.71985
0.14629	0.43826	0.43356	0.40995	0.19956	0.42307	0.76297	0.60568	0.94291
-0.01671	0.13609	0.00124	0.09143	0.8038	0.95478	0.96775	0.92887	1.26676
0.42733	0.43372	0.26875	0.53639	0.55853	0.40441	0.23815	0.65261	0.8064
0.08778	0.15313	0.26223	0.32217	0.41623	0.4297	0.48083	0.35849	0.45938
0.10621	0.53059	0.55694	0.30659	1.42116	1.67969	1.13792	0.88714	1.78631
0.32424	0.42185	0.49372	0.57699	0.37789	0.39359	0.67124	0.81855	0.49537
0.42997	0.37093	0.5634	0.41231	0.42587	0.56321	0.42562	0.3112	0.59682
0.08514	0.35805	0.59922	0.41716	0.32566	0.54283	1.03165	0.76202	0.73218
-0.039	0.16204	0.47177	0.38777	0.09982	0.15268	0.35129	0.35764	0.47945
0.26629	0.15627	0.21486	0.18227	0.47215	0.52976	0.42311	0.40266	0.62452
0.39753	0.37199	0.69112	0.60796	0.30876	0.65338	0.71962	0.65177	0.87953
0.03409	0.27711	0.15142	0.03078	0.26766	0.48385	0.47788	0.44995	1.12862
0.12226	0.34964	0.1989	0.19079	0.81763	0.99119	0.7436	0.62265	1.67503
0.16937	0.27447	0.318	0.31665	0.14083	0.3198	0.51007	0.47125	0.53861
0.38202	0.56952	0.52056	0.54413	0.4255	0.44199	0.51261	0.54001	0.82
0.54254	0.63922	0.54119	0.55997	0.3102	0.33533	0.45458	0.56136	0.75293
0.04014	0.02263	-0.04813	0.12254	0.61209	0.65847	0.59482	0.67423	1.08402
-0.02401	0.10495	0.01211	0.13956	0.58934	0.58127	0.60397	0.65158	0.77945
0.46017	0.9938	0.98021	0.62121	0.54415	0.73345	1.21407	0.61124	0.72418
0.54333	0.79234	1.2395	0.70577	0.19271	0.59592	0.83714	0.61254	0.93601
0.11665	0.11567	0.17022	0.14051	0.27646	0.36102	0.58242	0.59137	0.49541
0.26753	0.2944	0.45232	0.40507	0.21019	0.02288	0.36672	0.45671	0.86144
0.10207	0.15247	-0.0427	0.1249	0.50295	0.44493	0.29238	0.44292	0.66897
0.23066	0.434	0.52346	0.37536	0.22512	0.37579	0.70596	0.60303	0.32794
0.25688	0.322	0.5033	0.3279	0.51518	0.44853	0.86745	0.75835	0.82852
0.09824	0.2094	0.20976	0.23024	0.38249	0.28576	0.49881	0.47862	0.39917
0.16307	0.27457	0.13686	0.33783	0.61593	0.61644	0.48335	0.57606	0.8934
0.39308	0.34259	0.60893	0.65934	0.25604	-0.02619	0.41571	0.27968	0.64852
0.1507	0.18217	0.2134	0.0784	0.12286	0.18857	0.35965	0.1586	0.80136
0.34634	0.39997	0.24174	0.42704	0.45468	0.41575	0.40339	0.40827	0.90315
0.0777	0.04899	0.01858	0.09285	0.51672	0.5065	0.56332	0.63966	0.88956
0.20206	0.17356	0.39575	0.18888	0.02925	-0.01088	0.4168	0.15049	0.66032
0.11944	0.3511	0.23079	0.16187	0.23707	0.48473	0.30119	0.22568	0.79323
0.84328	1.06561	0.83335	0.95289	0.50432	0.23451	0.52249	0.52113	1.14015
0.17848	0.02836	-0.09351	0.21949	0.59513	0.5141	0.45328	0.45615	0.87004
0.75832	0.50312	0.44076	0.40881	0.49726	0.31919	0.38887	0.56097	0.88649
0.40396	0.28575	0.47671	0.63069	0.65909	0.48874	0.87306	0.51267	0.90294
0.09824	0.2927	0.06116	0.32675	0.54631	0.65525	0.3954	0.67508	1.22872
0.63317	0.39048	0.33025	0.4598	0.5964	0.43755	0.52132	0.72784	1.01316
0.35996	0.29176	0.75603	0.44027	0.41576	0.40811	0.76085	0.61225	0.39035
0.16282	0.00643	0.11784	0.21805	0.50924	0.23535	0.62183	0.72784	0.79936
0.13572	0.2741	0.37459	0.17202	0.46994	0.97528	1.08266	0.75991	1.63163
0.18583	0.28192	0.42255	0.35065	0.10433	0.16718	0.40431	0.45315	0.49128

0.26391	0.41632	1.13532	1.00963	0.29912	0.61475	1.38384	1.5752	0.65218
0.17894	0.35559	0.19094	0.15797	0.23477	0.41352	0.35404	0.33146	0.73085
0.23032	0.09764	0.04891	0.27258	0.66901	0.41601	0.51344	0.74374	0.8552
0.49944	0.475	0.2504	0.41709	0.38914	0.18597	0.37728	0.59682	1.48101
0.26156	0.53511	0.27047	0.51961	0.53778	0.58835	0.35355	0.58825	1.20411
0.40821	0.47771	0.74903	0.41016	1.25687	1.13585	1.43843	1.18729	1.53085
0.07181	0.2561	0.22949	0.101	0.41819	0.70174	0.96562	0.82112	1.22111
-0.17785	0.0983	0.08515	0.04689	0.46192	0.37807	0.89726	0.78679	0.74078
-0.02197	0.01015	0.07015	0.08858	0.80568	0.78437	0.95458	0.94036	1.23262
0.13422	0.12784	-0.03757	0.21452	1.38325	1.42709	1.3894	1.60757	1.46289
0.40622	0.38533	0.52428	0.39989	0.32071	0.41295	0.4717	0.3704	0.49551
0.2489	0.39526	0.4043	0.28062	0.41739	0.56208	0.17042	0.15567	0.84364
0.44813	0.62344	0.22903	0.43412	0.83991	0.8412	0.2487	0.44241	1.17527
0.25165	0.18966	0.37798	0.46828	0.37803	0.73956	0.4653	0.41455	0.906
0.36133	0.72578	0.17574	0.25505	0.64549	0.6552	0.91204	0.9566	1.02472
0.042	0.09066	0.06081	0.24203	0.78704	0.65062	0.59038	0.57165	1.21387
0.04111	0.0782	1.03889	0.05686	0.13963	0.22512	1.29705	1.16847	1.09898
0.31195	0.57646	0.5259	0.24858	0.03072	0.38832	0.60471	0.38155	0.98533
0.50425	0.74997	0.65706	0.89641	0.38199	0.35312	0.44774	0.49282	1.11376
-0.01974	0.03017	0.01436	0.00336	0.46092	0.49033	0.35048	0.46727	0.88021
0.31885	0.21673	0.72547	0.42514	0.51685	0.55425	1.03273	0.9509	0.5143
0.53126	0.5924	0.5463	0.74729	0.16062	0.32777	0.52101	0.54018	0.93095
0.46318	0.20839	0.15869	0.30994	0.63054	0.4737	0.7458	0.70945	0.7867
0.44401	0.29658	0.23219	0.55312	0.58845	0.57143	0.2217	0.34066	1.45094
0.64705	0.66709	0.86414	0.61462	0.22177	0.65409	0.57517	0.22916	0.78174
0.07523	0.24269	0.32761	0.22521	0.34023	0.30866	0.50947	0.26451	0.68422
0.10056	0.11224	0.1531	0.34114	0.47454	0.35415	0.53558	0.57366	0.5183
0.25612	0.49855	0.29376	0.46539	0.35892	0.42476	0.66119	0.72076	0.78497
0.85844	0.88164	0.88054	0.86299	0.7231	0.82601	0.63275	0.52869	0.87748
0.84284	0.44909	0.69533	1.03233	0.8591	0.63444	0.87571	1.1897	1.81324
0.27441	0.34804	0.49249	0.533	0.57598	0.42961	0.47329	0.52536	0.76513
0.19903	0.25438	0.28067	0.33258	0.34293	0.44805	0.29405	0.38518	0.52426
0.04792	0.07815	0.13076	0.16592	0.42999	0.44519	0.8724	0.88451	0.48861
0.17697	0.25359	-0.01076	0.22692	0.602	0.55602	0.30498	0.49261	0.78286
0.58767	0.44332	0.58448	0.55064	0.28121	0.19177	0.31555	0.29056	0.50883
0.27075	-0.12617	0.2199	0.3536	0.50804	0.40596	1.114	1.30595	1.23388
0.44899	0.36576	0.57511	0.28419	0.50207	0.39796	0.31822	0.62675	1.10118
-0.00999	0.14498	0.55341	0.24406	0.34758	0.66658	0.7121	0.73053	0.71172
0.60417	0.53909	0.92058	1.06127	0.47236	0.55734	0.77599	0.68534	1.08511
0.34495	0.12472	0.44749	0.24196	0.24465	0.16389	0.31355	0.36113	0.28649
0.38239	0.66194	1.57897	0.55371	1.08991	1.11549	2.12631	1.87961	1.39589
0.21609	0.14509	0.4198	0.21419	0.41653	0.30571	0.78431	0.76876	0.70237
2.22668	2.20865	2.02078	2.304	1.67092	1.61765	1.38026	1.60721	2.11912
0.14964	0.30445	0.11976	0.0944	0.2326	0.45041	0.28213	0.33546	0.66572
0.34653	0.58288	0.41615	0.51399	0.54481	0.64738	0.63504	0.67804	0.45208
0.224	0.52967	0.59598	0.34595	0.38647	0.50225	0.79971	0.59968	0.90462
0.42817	0.54952	0.77308	0.27892	0.35188	0.58638	0.77258	0.4677	1.253
0.56309	0.60619	0.19711	0.29076	0.6182	0.86523	0.79762	1.05012	1.59506
0.4689	0.37955	0.65734	0.55426	0.45492	0.28837	0.5156	0.55583	0.62647
0.48902	0.26183	0.31142	0.34827	0.36262	0.19086	0.07897	0.24894	1.31145
0.69966	0.52118	1.21759	0.44283	0.63058	0.56011	0.75554	0.65958	0.82079
0.31156	0.17888	0.36292	0.2823	0.63499	0.58953	0.84648	0.94707	0.94624

0.52553	0.65068	0.93606	0.7785	0.22881	0.06171	0.51422	0.373	0.85877
0.12018	0.3137	0.41832	0.29803	0.4012	0.29631	0.93904	0.5857	0.793
0.35168	0.34566	0.16659	0.26591	0.44176	0.40478	0.38809	0.45803	0.73127
0.00373	0.06688	0.23573	0.17582	0.46375	0.52348	0.39773	0.48926	0.69046
0.23666	0.37046	0.30846	0.3984	0.60569	0.70417	0.78644	0.86019	0.91898
0.03007	0.16879	0.24191	0.24076	0.23668	0.20778	0.28158	0.22155	0.61016
0.2665	0.34299	0.30437	0.30072	0.40018	0.47627	0.29078	0.36498	0.56248
0.29492	0.41114	0.76154	0.71004	0.47921	0.63758	0.80769	0.72281	0.59742
0.57459	0.77512	0.93015	0.73371	0.34173	0.44096	0.76509	0.69284	0.63594
0.26769	0.37647	0.38036	-0.00431	0.48401	0.53001	0.5106	0.49365	0.93839
0.34844	0.29136	0.69669	0.3481	0.10394	0.16293	0.28502	0.26425	0.59872
-0.00921	0.21876	0.29481	0.51119	0.19776	0.61728	0.4894	0.28039	0.9843
0.13447	0.23192	0.14879	0.16623	0.309	0.44594	0.33687	0.39414	0.69314
0.16167	0.20649	0.17798	0.21647	0.51127	0.517	0.12012	0.31888	0.88697
0.43168	0.57556	0.38317	0.39391	0.38667	0.56885	0.38453	0.01568	0.67488
0.15256	0.42625	0.16532	0.34319	0.64803	0.86059	0.85395	0.86373	1.01292
0.28745	0.35241	0.3186	0.3018	0.15929	0.29465	0.19541	0.26339	0.83032
0.29554	0.33187	0.57779	1.0561	0.34256	0.35078	0.56613	0.16389	0.77821
0.16011	0.13395	0.53935	0.37524	0.44195	0.31345	0.9874	0.8524	0.60109
0.09103	0.2215	0.36389	0.19165	0.41524	0.55326	0.81196	0.39346	0.8572
0.49261	0.42372	0.3336	0.4389	0.61986	0.70031	0.82814	0.70495	1.89951
0.65092	0.76182	0.72953	0.57932	0.42479	0.50067	0.64045	0.39141	0.99236
0.38354	0.84677	1.79892	1.4317	1.1141	0.95466	2.61903	1.97113	1.41614
0.04462	0.09253	0.48197	0.09794	0.14437	0.05587	0.54586	0.17736	0.93092
0.35697	0.26081	0.15917	0.26291	0.31094	0.16176	0.52938	0.50768	1.02081
0.46181	0.26266	0.13711	0.34348	0.55647	0.41599	0.57731	0.91129	1.19708
0.15674	0.56481	0.63368	0.88922	0.56099	0.79156	0.49334	0.13306	1.2902
0.06527	0.22631	0.0883	0.19633	0.53558	0.56721	0.37832	0.40349	0.86285
0.20957	0.20046	0.32399	0.15187	0.17246	0.18419	0.46462	0.64292	0.88093
0.17316	0.44642	0.49708	0.29921	0.13446	0.37538	0.65933	0.5314	0.67812
0.18654	0.37543	0.4389	0.14242	0.10957	0.43797	1.00532	0.8906	0.89056
0.14916	0.49172	0.53221	0.2875	0.23105	0.39442	0.63641	0.37191	0.88505
0.0932	0.43785	0.64398	0.40535	0.54483	0.66608	0.81965	0.62477	0.60131
0.31643	0.34058	0.24607	0.27221	0.35626	0.2132	0.41615	0.4932	0.72824
0.25675	0.30525	0.14989	0.13811	0.47632	0.51324	0.62484	0.61673	0.91953
0.21013	0.37756	0.1113	0.15222	0.39165	0.53313	0.63103	0.63379	0.75256
0.18757	0.14906	0.50291	0.31811	0.23349	0.21867	0.67515	0.35343	1.0419
0.35509	0.28277	0.24	0.28817	0.54949	-0.01647	0.88139	1.70701	1.17182
0.57517	0.64697	0.88356	0.9106	0.75949	0.70779	0.95985	0.76225	0.65298
0.19101	0.62089	0.69638	0.64492	0.34731	0.65955	1.07148	0.68629	0.81386
0.5901	0.75102	1.01454	0.94241	0.42246	0.44635	1.0905	0.87954	0.95205
0.49376	0.54297	0.42801	0.57609	0.73365	0.8097	0.57973	0.69763	0.78066
0.09349	0.1352	0.24872	0.03443	0.56661	0.58898	0.71241	0.65385	0.86966
0.0798	0.07768	0.1532	0.21536	0.12298	0.16786	0.35976	0.24267	0.17122
0.32333	0.22733	0.60595	0.55861	0.74469	0.5156	1.3573	1.8977	0.82251
0.02384	0.12264	0.15683	0.17541	0.40531	0.45429	0.4664	0.49356	0.58876
0.22659	0.0834	0.1523	0.41172	0.43927	0.12856	0.47324	0.60919	0.45243
0.30403	0.25145	0.5402	0.61845	0.40373	0.3397	0.07406	0.11571	0.58212
-1.60E-04	0.32468	0.55733	0.42252	0.38189	0.37443	1.14763	0.88106	0.65088
0.49232	0.59723	0.53737	0.64577	0.61746	0.67561	0.5632	0.58261	0.89817
1.01121	0.52139	0.84592	1.1639	0.84484	0.35673	0.46441	0.84303	1.23528
0.15009	0.14159	0.22382	0.23173	0.39743	0.6835	0.37335	0.44482	0.97346

0.35802	0.27808	0.58088	0.27771	0.2937	0.17882	0.53649	0.26328	0.52334
0.10267	0.15884	0.29214	0.23055	0.4549	0.49923	0.69122	0.70772	0.67084
0.22284	0.16067	0.02284	0.08478	0.56366	0.51012	0.34857	0.40643	0.64231
0.66335	0.42848	0.34087	0.43424	0.50002	0.37661	0.51868	0.62316	0.64
0.26642	0.27738	0.24439	0.42631	0.41713	0.48815	0.17087	0.31429	0.58827
0.18777	0.42519	0.65698	0.25311	0.18969	0.25946	0.64063	0.46263	0.60769
0.28591	0.17501	-0.0454	0.32589	0.2956	0.16184	0.34423	0.46979	0.7666
-0.07911	0.15693	0.24162	0.05129	0.39283	0.46631	0.79702	0.76881	0.69663
0.33958	0.35173	0.75394	0.55744	0.434	0.4187	0.52476	0.51986	0.82321
0.51527	0.26666	0.23298	0.34862	1.17992	0.63921	1.21889	1.17925	1.95953
0.13038	0.42392	0.26317	0.39346	0.31094	0.33415	0.45496	0.46487	0.26907
0.6492	0.6177	0.61008	0.53052	0.62786	0.72299	0.99591	0.82121	0.90668
0.1229	0.24638	0.80919	0.38574	0.18805	0.36966	0.56466	0.33731	0.46079
0.56246	0.57313	0.99005	0.69914	0.49106	0.51604	0.76912	0.69505	0.59036
0.20393	0.14054	0.06152	0.13895	0.41486	0.39358	0.49991	0.63562	0.64997
-0.03571	0.33768	0.29166	0.21364	0.99915	0.9747	0.67408	0.51835	1.89839
0.32609	0.28763	0.20321	0.39441	0.33832	0.19209	0.10782	0.26391	1.14929
0.21031	0.20079	0.41005	0.16428	0.05596	0.08031	0.37565	0.2474	0.53406
0.61931	0.69491	0.60007	0.63493	0.48942	0.41295	0.43862	0.53546	0.99756
0.05231	0.36718	0.40333	0.42457	0.36422	0.45489	0.47142	0.54662	0.82674
0.08791	0.23747	0.84319	0.63953	0.43945	0.4816	1.11769	0.97121	0.3325
0.33601	0.47436	0.33673	0.32684	0.35834	0.40343	0.35496	0.35291	0.93184
0.11861	0.33129	0.51924	0.55005	0.59953	0.73688	0.71971	0.93659	0.97629
0.12269	0.48657	0.46147	0.55439	0.38134	0.40886	0.51005	0.46044	0.57637
0.21682	0.00837	0.20462	0.24167	0.40701	0.49039	0.96152	0.85861	1.03882
0.16015	0.11059	0.16074	0.3149	0.21033	0.21827	0.22297	0.3728	0.87148
-0.02617	0.13622	-0.09682	0.03995	0.48226	0.49886	0.54062	0.71839	1.01834
0.12713	-0.09206	0.15806	0.22225	0.83994	0.74313	0.87526	0.66112	0.71108
0.21534	0.26274	0.18289	0.26972	0.54589	0.62872	0.42634	0.4484	0.7933
0.27695	0.11741	0.07511	0.07464	0.41795	0.21203	0.4106	0.41386	1.02679
0.22315	0.12598	0.08723	0.15112	0.45021	0.16896	0.5483	0.83351	0.84419
0.09647	0.01249	0.04723	0.071	0.3628	0.21657	0.4609	0.52687	0.75436
0.07862	0.30758	0.31064	0.06817	0.16508	0.45725	0.54546	0.22634	0.63321
0.11751	0.4128	0.50865	0.18745	0.43473	0.728	0.9837	0.7738	0.82404
-0.03152	0.08472	0.31146	0.03752	0.45719	0.48374	1.85861	1.57028	1.00791
0.08876	0.35708	0.16583	0.32947	0.52223	0.59307	0.08899	0.08554	0.9587
0.50144	0.27288	0.38287	0.481	0.72895	0.57479	0.50336	0.66238	0.86513
0.32107	0.43831	0.694	0.56406	0.25098	0.05184	0.5072	0.27895	0.76098
0.23386	0.30471	0.96096	0.56886	0.32059	0.38892	1.14369	0.88057	0.46681
0.16557	0.1734	0.30514	0.2958	0.31991	0.27476	0.41868	0.60644	0.34061
0.05432	0.16227	0.10381	0.19516	0.37778	0.35477	0.27335	0.38365	0.72462
0.8198	0.59679	0.66522	0.63765	0.62632	0.79003	0.52347	0.70256	1.20196
0.26841	0.47245	0.78743	0.54489	0.32018	0.23286	0.56621	0.44504	0.2558
0.00511	0.73989	-0.09582	0.59326	1.39577	1.43016	2.09965	2.16473	2.70635
0.51047	0.35288	0.36149	0.40574	0.46893	0.48358	0.22993	0.47577	0.80585
0.02161	-0.00551	0.04523	0.15613	0.60175	0.56839	0.76124	0.82439	0.88639
-0.00404	0.24633	0.79905	0.2808	0.29328	0.61193	1.4402	1.3004	0.93565
0.6083	0.84038	0.66297	0.53664	0.32411	0.58481	0.75493	0.66121	0.91017
0.4437	0.67243	0.51482	0.53988	0.44931	0.35203	0.45195	0.3959	0.9061
0.29733	0.85527	0.13747	0.56348	0.14304	0.8623	0.4013	0.63863	1.67458
-0.03921	0.11591	0.12352	0.07067	0.20795	0.19839	0.54116	0.44137	0.61625
0.13825	0.19948	0.59742	0.19663	0.10102	0.11673	0.71863	0.47087	0.35949

0.49297	0.63208	0.55608	0.73537	0.36076	0.45219	0.43756	0.58505	0.58922
0.04534	0.14283	0.39651	0.29509	0.40557	0.32694	0.55114	0.11866	0.66646
0.31837	0.05907	0.12464	0.09403	0.31262	0.23956	0.18274	0.26057	0.75483
0.23267	0.65209	0.46393	0.31055	0.40631	0.43642	0.50826	0.32864	2.0156
0.03736	0.21948	0.39864	0.06047	0.28519	0.46199	0.35852	0.29657	0.82275
-0.05307	0.05047	0.17029	-0.00469	0.41727	0.43652	0.393	0.29478	0.85302
0.14697	0.16123	0.25316	0.23928	0.56212	0.42834	0.45936	0.54799	1.70346
0.09265	0.24441	0.51452	0.22919	0.45163	0.3899	0.9028	0.85708	0.52269
0.19584	0.3287	0.6986	0.53381	0.3583	0.28254	1.15267	0.57399	0.748
0.197	0.15611	0.24739	0.38718	1.26087	1.206	1.7092	1.69693	1.42635
0.05003	0.20436	0.40445	0.55685	0.25589	0.30148	0.88531	0.91586	0.75157
0.08253	0.01195	0.21876	0.07593	0.22191	0.16251	0.32611	0.43502	0.53208
0.08393	0.45428	0.24039	0.32678	0.50337	0.6787	0.52193	0.51785	0.90898
0.11941	0.51472	0.40301	0.59976	0.3818	0.22776	0.43321	-0.13035	0.89306
0.04939	-0.09857	0.04547	0.16334	0.17139	0.13499	0.53128	0.67966	0.58961
0.32045	0.15873	0.40705	0.29517	0.22541	0.1494	0.2231	0.30804	0.52755
0.62579	0.56773	0.79051	0.62693	0.34214	0.43646	0.62782	0.59401	0.53553
0.29137	0.20905	0.55178	0.476	0.16266	0.20751	0.53432	0.36766	0.31691
0.40827	0.37595	0.39779	0.4073	0.28618	0.00675	0.41126	0.40704	0.52945
0.16991	0.069	0.04731	0.12555	0.34476	0.25098	0.24069	0.45356	1.16338
-0.05555	0.23522	0.23577	0.04328	0.07343	0.33391	0.93344	0.6064	0.53637
0.86428	0.65558	0.52205	0.75962	0.688	0.66235	0.60286	0.62387	1.20437
0.76995	0.32931	1.21737	1.02006	0.82437	0.81515	1.67029	2.16826	1.08519
0.03292	0.74626	0.48535	0.29481	-0.04413	0.12331	0.91406	0.72664	0.88885
0.31166	0.31199	0.12153	0.31836	0.43731	0.50261	0.22401	0.34755	0.64832
0.13918	0.25047	0.27578	0.29244	0.49893	0.63746	0.86037	0.7592	0.6958
0.14924	0.13106	0.65043	0.29447	0.24509	0.17934	0.49936	0.48913	0.55876
0.00946	0.0867	0.25244	0.12036	0.20623	0.43704	0.38572	0.18041	0.51143
0.31855	0.33384	0.12125	0.22316	0.44513	0.39434	0.2353	0.39431	0.93795
0.59644	0.36707	0.44783	0.52087	1.18699	0.80599	0.94893	0.99719	1.70989
0.25021	0.18325	0.2445	0.18031	0.18887	0.25186	0.20206	0.22324	0.67557
0.38272	0.50663	0.25667	0.45206	0.48704	0.47021	0.48677	0.618	1.21254
0.12648	0.26609	0.23548	0.28016	0.28473	0.34444	0.54003	0.58642	0.35517
-0.01081	0.09959	-0.08029	0.01959	0.48533	0.44211	0.13748	0.27204	0.81901
0.09909	0.31633	0.17508	0.02845	0.38102	0.66308	0.90529	0.95862	0.67041
0.20857	0.31172	0.47241	0.28528	0.20366	0.24172	0.44997	0.40102	0.53667
-0.48626	-0.19232	-0.24098	-0.07702	0.85333	0.84389	1.5592	1.51745	1.99419
-0.02842	0.1795	0.09366	0.00155	0.19952	0.39798	0.35158	0.34598	0.42216
-0.04901	0.02949	0.08728	0.20846	0.24443	0.09335	0.20054	0.10063	0.48079
0.6207	0.46641	0.37365	0.6465	0.55635	0.44546	0.32106	0.55378	0.96198
0.31925	0.29183	0.29988	0.21413	0.1549	0.49791	0.68234	0.61964	0.6576
0.24685	0.07918	0.33632	0.25314	0.42655	0.31982	0.68005	0.6369	0.43375
-0.00854	0.12456	0.00578	0.11603	0.2643	0.3523	0.45408	0.53717	0.48479
0.03207	0.13028	0.33261	0.22574	0.16822	0.09406	0.2701	0.08152	0.40753
0.06493	0.32599	0.17991	0.1097	0.05052	0.07064	0.23307	0.1678	0.30444
0.8686	1.02308	2.26522	1.94174	1.39855	1.54522	2.90685	3.100033	2.05402
0.26071	0.31323	1.06921	0.85509	0.35298	0.34345	0.93974	0.88961	0.80059
0.21499	0.32555	0.35053	0.17687	0.12727	0.16398	0.2362	0.25883	0.49842
0.06311	0.05569	0.32451	0.1954	0.10981	0.08553	0.63535	0.57714	0.33766
0.22448	0.17617	0.18879	0.2522	0.45241	0.2933	0.56737	0.64774	1.18873
0.3201	0.26774	0.57971	0.28499	0.14244	0.1262	0.36081	0.39542	0.66856
0.28862	0.15882	-0.08247	0.24005	0.62235	0.42046	0.87589	0.64988	1.55388

0.1562	0.08319	0.52562	0.30701	0.24467	0.24957	0.67446	0.41492	0.5668
1.24068	1.75742	1.16014	1.1188	1.36337	1.40877	1.20125	1.10912	2.44948
0.13372	0.2575	0.27073	0.18916	0.29558	0.41659	0.41709	0.45773	0.81396
0.22316	0.12337	0.19144	0.19599	0.1769	-0.06178	0.22703	0.21594	0.52213
0.44607	0.1913	0.23761	0.45425	0.40756	0.219	0.46873	0.52543	0.44333
0.12399	0.16416	0.07584	0.15994	0.33126	0.40468	0.12781	0.25667	0.65501
0.56554	0.11292	0.541	1.04874	0.51078	0.22278	0.25839	0.66121	1.22448
0.10931	0.2556	0.23177	0.0938	0.25706	0.34921	0.38531	0.35001	0.56585
0.47939	0.62669	0.88663	0.48595	0.36464	0.50199	0.7023	0.40949	0.85246
0.07823	0.1786	0.63019	-0.09499	0.2934	0.64109	1.00512	0.42753	0.73115
-0.01966	0.23994	0.50087	0.18354	0.47368	0.81988	1.07545	0.84212	0.48479
0.25845	0.17603	0.51785	0.42379	0.21938	0.26975	0.30886	0.22535	0.57426
-0.05569	0.11597	0.1934	0.15402	0.48432	0.10505	0.6996	0.9419	1.26487
0.87754	0.91403	1.05467	1.09171	2.66642	2.55076	2.57464	2.77271	2.85268
-0.01143	0.27263	0.23104	0.19029	0.11761	0.52985	0.39196	0.32393	0.79969
0.24366	0.05347	0.65177	0.33198	0.31705	0.20865	0.98065	0.65656	0.5681
0.22172	0.36569	0.21389	0.37013	0.33164	0.52131	0.68171	0.8271	0.53043
0.23483	0.0499	0.02434	0.0576	0.5743	0.53009	0.16415	0.34666	0.90048
-0.34559	-0.03417	0.06599	0.10601	0.5867	0.67254	0.76751	0.69136	1.21088
0.15832	0.29463	0.28912	0.36663	0.3603	0.44317	0.7774	0.67	0.5468
0.30055	0.32582	0.38261	0.30187	0.28623	0.3688	0.3571	0.39205	0.47351
0.29212	0.39106	0.52942	0.42522	0.33955	0.3781	0.38479	0.42251	0.48718
0.25854	0.49443	0.5318	0.26659	0.29686	0.52268	0.92617	0.64594	0.63587
-0.03559	0.28984	0.0157	0.15349	0.2907	0.33307	0.64265	0.6165	0.60463
0.44933	0.33187	0.44142	0.36018	0.20781	0.21422	0.20547	0.10826	0.71924
0.05968	0.40683	0.47523	0.2606	0.38884	0.50824	1.04148	0.93711	0.67293
0.18021	0.15899	0.36628	0.36144	0.4775	0.59503	0.51733	0.60523	0.43475
0.18376	0.19493	-0.0971	0.04196	0.52609	0.5493	0.27494	0.40773	0.81067
0.10872	0.14566	0.36859	0.10736	0.07346	0.08678	0.41218	0.20148	0.43373
0.2481	0.18131	0.24914	0.40757	0.45167	0.44268	0.03965	0.19391	0.63309
0.00864	0.51195	0.28564	0.00237	0.43721	0.69103	0.46637	1.06726	1.11044
0.75763	0.72776	1.8321	1.59762	0.57006	0.69602	1.22854	1.17081	0.79157
0.03533	0.10653	-0.03101	0.00421	0.25013	0.15227	0.29487	0.21515	0.99675
0.65979	0.72016	0.73557	0.91866	0.25552	0.4066	0.34126	0.27044	0.90023
0.16922	0.11852	0.14082	0.48929	0.2545	0.41988	0.64873	0.91842	0.99149
0.67672	0.85104	1.24635	0.66878	0.38221	0.63685	1.0684	0.839	0.68801
0.20073	0.19491	0.636	0.1139	0.63882	0.10967	1.31919	0.56386	1.60185
0.32106	0.51141	1.33306	0.61705	0.55969	0.78245	1.08111	1.03147	0.76078
0.28968	0.47294	0.26884	0.49256	0.61029	0.70098	0.42351	0.50388	0.8209
-0.04486	0.04734	0.34667	0.15719	0.13296	0.2338	0.45869	0.24778	0.39182
0.41309	0.46192	0.9764	0.81056	0.64349	0.59786	0.64348	0.26934	0.96012
1.05718	0.89943	1.17733	1.18654	2.67673	2.38834	2.60228	2.87578	3.18129
0.11359	0.14953	0.11428	0.14908	0.22537	0.22197	0.52072	0.49945	0.37228
-0.13568	0.35807	0.08428	-0.11855	0.49389	0.59193	0.69932	0.49981	1.16744
0.42106	0.25595	0.05234	0.53884	0.7604	0.63137	0.1026	0.71119	0.95379
0.10586	-0.13824	-0.19409	0.09492	0.65559	0.58558	0.24171	0.54047	0.92627
0.33676	0.08579	0.25104	0.51656	0.76894	0.30263	1.41113	2.20363	1.15839
0.32875	0.21632	0.86997	0.6592	0.24703	0.11262	0.32512	0.31801	0.21394
-0.07785	-0.13036	-0.06711	0.26636	0.25351	0.36508	0.41032	0.34003	0.38084
0.50661	0.47347	0.66032	0.33809	0.44332	0.61851	0.71946	0.5046	0.9685
0.44523	0.91253	0.81747	0.67382	0.29813	0.61765	0.48129	0.2898	1.46167
1.05024	1.04052	1.09873	0.9345	0.71033	0.596	0.86126	0.99971	0.58574

0.46023	1.31772	1.02666	0.68546	0.2562	0.72959	0.88354	0.56665	0.74789
0.185	0.5741	0.58305	0.29091	0.264	0.47703	0.87154	0.61226	0.38816
0.19138	0.26418	0.61552	0.50368	0.35308	0.33855	0.69549	0.59549	0.34397
-0.01384	0.03488	0.27233	0.18325	0.29958	0.38818	0.84815	0.74143	0.47393
-0.14245	-7.00E-05	-0.0904	0.19158	0.40924	0.42333	0.23522	0.33074	0.76958
0.16774	0.34859	0.46364	0.24144	0.24255	0.57664	0.94246	0.54998	0.39766
0.42515	0.27158	0.3721	0.38414	0.56285	0.34999	0.31681	0.53726	0.60887
-0.04631	0.12744	0.32364	0.29817	0.25866	0.45072	0.15069	0.13243	0.56781
0.3316	-0.17728	0.02944	1.18595	1.89465	1.14956	2.38828	2.64243	2.25649
0.65175	0.33916	0.31352	0.78217	0.52505	0.07956	0.3178	0.75165	0.93607
0.35253	0.47916	0.34413	0.29196	0.14523	0.15333	0.59494	0.61484	0.73802
0.15234	0.22822	0.16037	0.21521	0.38745	0.48646	0.25636	0.31158	0.41757
0.18744	0.17395	0.30731	0.17298	0.38244	0.36347	0.47646	0.48427	0.37324
0.33259	-0.42234	0.31251	0.43793	1.4227	1.41752	1.31184	1.6844	2.02555
0.32054	0.45045	0.18437	0.28402	0.41517	0.27041	0.60194	0.65013	1.09234
0.33829	0.34464	0.40757	0.3748	0.37389	0.28403	0.25634	0.40634	0.81893
0.62556	0.7461	0.55114	0.75612	0.37535	0.59055	0.70072	0.9876	0.98568
-0.16501	0.26164	0.36273	0.31003	0.48344	0.7312	0.85077	0.71986	0.79613
0.15514	0.16692	0.05273	0.07601	0.25426	0.4195	0.40152	0.38491	0.47757
-0.00506	-0.14092	0.15191	0.35829	0.24615	0.20761	0.41254	-0.11407	2.12144
0.02685	0.04595	-0.17024	0.11145	0.34306	0.23477	0.72812	0.58351	0.64289
0.66666	0.7642	0.98035	0.80004	0.45787	0.86873	0.81415	0.68441	0.83435
0.53193	0.30136	1.08656	1.17108	0.64076	0.23293	0.97313	1.29724	0.97302
0.54759	0.56861	0.54349	0.70396	0.34639	0.32923	0.40671	0.62949	0.61712
0.28391	0.53002	0.29677	0.28239	0.42187	0.57006	0.74422	0.78507	0.85288
0.45216	0.37147	0.87029	0.90591	0.42115	0.33827	0.55669	0.57991	0.44645
0.16773	0.45863	0.27454	0.38853	0.16216	0.41271	0.67304	0.62009	0.80538
0.02448	0.38997	0.01421	0.03932	0.34898	0.39784	0.3731	0.22681	1.51579
0.06246	0.13601	0.10981	0.20644	0.03349	-0.06114	0.57644	0.27111	0.70691
0.19027	0.12608	0.09819	0.01126	0.24521	0.18393	0.26128	0.32131	0.56638
0.35478	0.5261	0.37997	0.74322	0.58913	0.56558	0.80422	1.20956	0.87272
0.00872	0.01583	-0.05292	0.0187	0.37566	0.4409	0.66445	0.73434	0.7696
0.11399	0.50163	0.24716	0.1983	0.28812	0.28621	0.56319	0.45666	0.68186
0.28972	0.18674	0.28621	-0.13112	0.41767	0.42767	0.77134	0.49438	1.07575
0.15903	0.30443	0.42665	0.27889	0.25973	0.47312	0.34969	0.21368	0.46055
1.98384	1.83372	2.48475	2.32829	1.77868	1.86031	1.41249	2.16742	2.73691
0.19383	0.54946	0.7453	0.5015	0.2575	0.27715	1.07554	0.86058	0.49586
0.13386	0.19441	0.89808	0.49613	0.10373	0.23256	0.59843	0.472	0.24668
0.33176	0.30533	0.20096	0.35508	0.42462	0.50457	0.08971	0.25216	0.9286
0.47286	0.25277	0.26952	0.47004	0.53484	0.29764	0.17231	0.50101	0.78169
0.23687	0.3384	0.30505	0.20673	0.36669	0.31009	0.28701	0.15281	0.84589
0.31332	0.1863	0.36414	0.48898	0.28958	0.34008	0.31748	0.31048	0.65913
0.41858	0.20162	0.82464	0.44692	0.40096	0.41379	0.70186	0.87631	0.51251
0.25122	-0.21927	0.31096	0.51938	0.45841	-0.09422	0.58292	1.29676	0.88275
0.12703	0.25153	0.31437	0.02908	0.28857	0.70408	0.85255	0.52739	1.15312
1.17591	1.14624	0.9454	1.0278	0.8629	0.89729	0.69488	0.88618	1.3525
0.40854	0.07533	0.71521	0.70225	0.8034	0.41306	1.51296	1.20846	0.9275
0.5193	0.45356	0.54468	0.6603	0.56424	0.38108	0.29147	0.5433	1.67179
0.18413	0.16718	0.26217	0.28036	0.43409	0.48758	0.22673	0.32921	0.52305
0.30261	0.42242	0.58945	0.78796	0.16432	0.20152	0.59342	0.27456	0.76507
0.24658	0.18928	0.1624	0.14792	0.16348	0.22967	-0.02202	0.15513	0.75857
0.75158	0.22418	1.19411	2.00706	1.10398	-0.02506	0.79796	2.36498	1.01198

0.41431	0.48114	0.29517	0.59459	0.39598	0.38259	0.14718	0.53666	1.04889
0.70304	0.64085	0.91827	0.5319	0.65231	0.44213	0.78029	0.80489	1.35958
0.18555	0.3283	0.30891	0.37454	0.54373	0.75523	0.38436	0.2549	0.70706
0.15695	0.29501	0.17099	0.32918	0.31396	0.40287	0.30837	0.49083	0.26998
0.13487	0.31097	0.4113	0.01597	0.31286	0.56914	0.33605	-0.0416	0.95811
0.23224	0.56198	0.83564	0.71954	0.49307	0.53896	0.69819	0.59226	0.39864
-0.08399	0.01785	0.31153	0.10759	0.30517	0.157	0.7915	1.11316	0.71482
-0.12872	0.22747	0.19402	0.1667	0.16182	0.32148	0.44816	0.39089	0.32621
0.39181	0.52208	0.35973	0.25784	0.04118	0.08208	0.42194	0.34496	1.17881
0.25335	0.60186	1.14804	0.29789	0.71736	1.033185	0.66042	1.09464	2.0624
0.04873	0.00245	0.05911	0.06984	0.24764	0.0822	0.15547	0.30295	1.26104
0.22426	0.26264	0.44154	0.10797	-0.06647	-0.03218	0.63344	0.44003	1.45184
0.06449	0.1396	0.09008	0.13372	0.37662	0.41098	0.14441	0.26962	0.69567
0.66988	0.15912	0.35766	0.87878	0.67012	0.31985	0.67556	0.93819	1.48847
0.98108	0.40732	0.71747	0.94517	0.80431	0.47804	0.69617	0.94333	1.54982
0.28288	0.33826	0.03666	0.29631	0.46851	0.22339	0.47219	0.82299	0.57203
0.34316	0.45729	0.7119	0.42091	0.2264	0.32737	0.65224	0.48828	0.37796
0.18141	0.17498	0.21112	0.23632	0.24462	0.26107	0.29051	0.35491	0.71525
0.55042	0.66982	0.46742	0.37967	0.31082	0.48747	0.64146	0.53651	0.54989
0.35414	0.41821	0.42341	0.37921	0.49066	0.66795	0.59185	0.38981	0.62001
0.01925	0.0017	0.1007	0.18792	0.35835	0.30879	0.55534	0.71412	0.34661
0.40153	-0.03273	0.7391	0.36104	0.6419	0.02449	1.17376	0.89781	1.25265
0.53506	0.23083	0.40031	0.33902	0.13479	0.00359	0.52877	0.5717	0.47658
0.29567	0.10553	-0.0422	0.36716	0.51573	0.42663	0.26884	0.54059	0.85277
2.06088	1.39579	2.21399	1.82557	1.67346	1.41747	1.67772	1.77163	2.08147
-0.17729	0.46737	0.60777	0.3845	0.02173	0.40673	1.08149	0.75739	0.54081
0.04606	0.09159	0.04016	0.20635	0.26219	0.39403	0.45899	0.40353	0.99445
0.66565	0.39926	1.05781	0.79498	0.82821	0.23278	1.1088	0.96379	1.37228
0.18489	0.17996	0.24225	0.26549	0.30365	0.30984	0.08897	0.16418	0.67833
0.42728	0.05778	0.49983	0.34603	0.16695	-0.0181	0.47408	0.3822	0.19691
0.48109	0.34922	0.98336	0.63423	0.3531	0.56887	0.63263	0.60849	0.3955
-0.05542	0.06604	0.22804	0.06433	0.61345	0.57519	1.13924	1.24393	0.33414
0.21374	0.1081	0.19995	0.17195	0.49904	0.16713	0.72566	0.86664	0.808953
0.24202	0.22532	0.09359	0.3175	0.55086	0.57337	0.31654	0.55147	0.95028
0.12376	0.33701	0.4995	0.13083	-0.00502	0.02061	0.80809	0.46532	0.62396
0.185	0.21549	0.08873	0.10696	0.29107	0.2687	0.27592	0.37631	0.54073
0.26431	0.16072	0.17738	0.19742	0.3387	0.33363	0.43639	0.50986	0.39084
0.18984	0.22904	0.23295	0.24319	0.30803	0.39716	0.16233	0.3291	0.40893
0.02064	0.41832	0.30757	0.07211	0.26603	0.31582	0.64184	0.59109	0.81853
-0.1098	-0.03532	-0.03535	0.05084	0.46136	0.36359	0.43852	0.46048	1.17498
-0.11193	-0.10583	-0.21249	-0.1484	0.37026	0.49418	0.20488	0.2272	1.19234
0.03179	0.15442	0.37379	0.30617	0.33652	0.26214	0.15439	0.22379	0.79255
-0.01932	0.18086	0.15608	0.09681	0.33839	0.52319	0.85325	0.75182	0.65049
0.2127	0.20836	0.30376	0.65983	0.20448	0.12991	0.40578	0.48864	0.46113
0.07749	-0.02499	0.03656	0.20077	0.43471	0.28399	0.30837	0.46814	0.90427
0.04855	0.26253	-0.00819	0.01737	0.3667	0.55812	0.35879	0.2214	0.67398
0.20369	0.16382	0.18264	0.16491	0.45982	0.37184	0.46563	0.56659	0.64819
0.05887	0.02845	-0.19111	-0.02454	0.36202	0.32357	0.16851	0.37556	0.59911
0.03512	-0.01225	0.09293	-0.04655	0.28394	0.27771	0.63256	0.6659	0.39359
0.22865	0.31595	1.10484	0.16798	0.08593	-0.01087	1.02607	0.79778	0.31695
0.41899	-0.3872	-0.3079	0.29501	1.28406	0.82037	0.87751	1.23829	1.89158
0.4381	0.07575	1.01631	0.45778	1.10726	0.71842	0.60958	1.17379	1.10828

0.46251	0.29815	0.66535	0.18793	0.63511	0.66855	0.95866	0.42878	1.27198
-0.27505	0.1598	-0.01932	-0.09291	0.47015	0.55781	0.61613	0.4923	1.01554
0.17457	0.15902	0.32112	0.09446	0.27384	0.31395	0.32011	0.61255	0.47102
0.11225	0.19237	0.25845	0.24001	0.30462	0.45541	0.42898	0.30403	0.47274
-0.05128	-0.08712	-0.16126	-0.00805	0.26882	0.08931	0.30159	0.51991	0.85119
0.03758	0.07105	0.04376	0.01335	0.0806	0.06491	0.01939	-0.02723	0.76651
0.4338	0.15403	0.15001	0.257	0.22837	0.12865	0.34665	0.46603	0.80497
-0.0421	0.15396	0.11052	-0.13966	0.06258	0.31239	0.24199	0.12326	0.53658
0.33515	0.29248	0.63299	0.45086	0.16113	0.30871	0.45136	0.37922	0.88649
-0.02755	0.21956	0.07367	-0.03197	0.20907	0.58099	0.27786	0.198	0.80776
1.30E-04	0.27054	0.20254	0.03996	0.01334	0.32624	0.54343	0.36794	1.1921
0.01015	0.19121	0.29822	0.34205	0.30605	0.29655	0.01459	0.05249	0.64803
-0.00545	0.41635	0.40225	0.01973	0.34984	0.89056	0.92731	0.51957	1.00378
-0.11095	0.04288	-0.01481	0.01058	0.18027	0.34154	0.18223	0.22182	0.5543
-0.03806	0.12461	-0.01031	0.15479	0.46554	0.58924	0.22166	0.25117	0.79737
-0.11064	0.09186	0.01939	-0.01554	0.24859	0.31052	0.24705	0.24367	0.88728
0.09217	0.08403	0.1079	0.11959	0.62341	0.66367	0.40633	0.48293	0.81085
0.57705	0.53878	0.92201	1.0084	0.88054	0.93744	1.00536	1.76461	1.48437
0.40626	0.35148	0.29707	0.36077	0.47607	0.4179	0.53161	0.87877	1.28951
0.19994	0.0814	0.39911	0.03031	0.4241	0.69996	0.73976	0.23241	1.13315
1.2692	1.10619	1.2631	1.54668	1.42377	1.38534	1.06417	1.36864	1.40636

m_liver_hiç	m_liver_hiç	m_liver_hiç	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
0.95512	1.70758	1.84604	-0.04532	-0.05874	-0.13979	-0.01977	0.02988	0.01421
3.43781	4.06367	4.25074	0.13751	0.32503	0.20227	0.16482	0.02378	-0.07892
1.29454	2.10846	2.22088	0.03062	-0.0589	0.03682	0.05751	-0.01204	-0.05246
1.11332	1.46876	1.53362	0.01215	0.01216	0.04184	0.00396	-0.06921	-0.04423
1.38593	1.62969	1.69152	0.05575	0.00757	0.08713	0.13722	-0.05456	-0.22127
1.0473	1.44073	1.33099	-1.80E-04	-0.06731	0.09717	0.02082	0.07122	-0.032
1.03563	1.34702	1.26291	0.043	-0.02311	0.05255	0.04724	0.0579	0.02123
1.23723	1.74525	1.79763	0.02786	0.0953	0.03422	-0.00625	0.03982	-0.0301
1.92741	2.40398	2.54124	-0.12239	-0.2206	-0.14164	-0.10797	-0.1312	-0.1
1.83791	1.98789	1.84586	0.04992	0.00703	0.12092	0.06002	-0.01125	-0.17323
0.92799	1.18522	1.18781	0.01206	0.01878	0.05193	0.01698	0.0246	-0.03376
2.57898	2.97028	3.39966	0.05121	0.22853	0.0933	0.07006	0.08954	0.07094
3.162	3.425	3.36051	0.23861	0.32996	0.21316	0.37183	-0.37929	-0.397
1.31691	1.3936	1.50778	-0.01884	0.04555	0.01101	0.0653	-0.0322	0.00618
1.22514	1.55517	1.47351	0.07014	-0.17055	0.04399	0.062	-0.11158	-0.06121
1.31114	1.74053	1.82674	0.10035	0.10082	0.12555	0.16442	-0.00306	-0.16535
0.90513	1.57207	1.60167	-0.02433	0.08531	0.04889	0.01493	0.10603	-0.11985
1.36895	2.26582	2.37423	0.02128	0.14666	0.05511	0.03984	-0.3622	-0.30076
1.83641	2.65352	2.50073	0.00668	0.13799	0.11204	0.07578	-0.24934	-0.19412
2.57557	3.38401	3.80278	-0.139	-0.10814	-0.02746	-0.08398	0.12133	0.10318
1.69338	2.19845	1.83637	0.21697	0.15299	0.20037	0.16002	-0.0434	-0.09982
0.90476	1.52122	1.37281	0.03693	-0.13371	0.06872	-0.12409	0.07139	0.06769
1.91336	2.63101	2.88979	0.16675	0.04077	0.11362	0.18344	-0.12252	-0.18778
1.67654	2.16034	2.02973	-0.04556	-0.08143	0.01666	0.02703	0.09846	-0.01199
2.35804	2.53498	2.57322	-0.10174	-0.00504	-0.04746	-0.18347	0.15663	0.03382
2.07394	2.20302	2.27285	-0.01113	0.02938	-0.01535	-0.03322	0.04737	-0.01992
0.93033	1.09487	1.08249	0.07565	-0.00417	0.04597	0.05937	-0.03913	0.00209
1.68384	2.23528	2.10754	0.05765	-0.03086	0.16377	0.14472	-0.28247	-0.29094
1.58675	1.99057	1.79355	0.03368	-0.02909	0.09818	-0.02721	-0.14913	-0.20481
1.8206	1.69844	2.01307	0.01886	0.03799	0.06871	0.07291	0.09412	0.03866
0.82637	1.19921	1.08447	-0.05686	0.05925	0.05246	0.11187	0.08222	-0.0266
1.72321	2.06089	2.28361	0.14048	0.13999	0.11423	0.16858	-0.05038	-0.02944
1.24174	1.54721	1.5918	0.10513	-0.08271	0.07787	0.06577	-0.0612	-0.17725
0.72149	0.90389	0.83966	-0.07772	0.0447	0.07371	0.05679	0.09967	-0.01353
0.99192	1.1475	1.11835	-0.09668	-0.09057	-0.05445	0.04905	0.01511	-0.06085
0.86367	0.96156	1.15941	-0.10067	-0.00922	-0.10116	-0.0477	-0.06662	-0.01116
0.92081	1.26204	1.24598	-0.18061	-0.21336	-0.16699	-0.20435	-0.03426	-0.03028
1.44815	1.4532	1.45605	-0.0359	0.16868	0.06702	0.10571	0.06606	0.05313
0.89149	1.40527	1.38109	0.12551	0.1891	0.14387	0.16028	-0.15304	-0.1204
0.87358	1.36705	1.53752	0.02542	0.12569	4.80E-04	0.03046	0.11647	0.09488
1.18867	1.50398	1.54358	0.11776	0.2267	0.15524	0.19287	-0.0349	-0.10487
0.8852	1.27785	1.07252	0.04923	0.25071	0.08869	0.19519	0.07124	0.05762
0.81927	1.00957	1.0504	0.07625	0.1169	0.1582	0.14834	0.03644	-0.06377
0.79874	1.09476	1.11637	-0.17792	-0.21275	-0.12677	-0.0996	-0.0367	-0.03035
1.86706	1.56574	1.66706	0.07386	0.16121	0.13144	0.06692	-0.01355	-0.05979
0.96424	1.18409	1.216	-0.02547	-0.11008	0.02334	-0.06974	0.02302	0.04306
1.457	1.89443	1.78219	7.20E-04	0.03551	-0.01108	0.16004	-0.15146	-0.35547
0.45915	1.11355	1.05829	0.02591	0.07045	0.00546	-0.11247	0.05431	0.03702
0.57625	0.79352	0.76851	-0.02581	-0.02285	0.02716	0.02888	-0.05667	-0.06088
1.08563	1.48589	1.3641	-0.11279	0.11551	0.06377	0.06603	0.07169	0.086
0.57663	1.21919	1.25279	0.11361	0.12943	0.12678	0.09176	-0.02549	-0.07834

1.76579	1.73702	1.79733	0.09793	0.16936	0.18646	0.15874	0.06081	-0.0866
1.05161	1.31583	1.36004	-0.10014	-0.0327	-0.08002	-0.04135	0.01739	0.09092
1.12355	1.34406	1.3445	0.11583	0.30965	0.20695	0.14334	-0.03168	-0.0762
1.44462	1.64005	1.5921	0.01327	0.02105	0.15128	0.06251	0.07519	0.02749
2.08285	2.89491	2.80863	0.41986	0.37235	0.32234	0.36577	-0.11499	-0.03116
0.49362	0.83927	0.94103	0.07713	0.03012	0.00173	0.11153	-0.15417	-0.06136
0.88282	1.20327	1.30692	0.03997	0.11271	0.03662	0.08718	-0.01884	-0.05271
1.74973	1.77413	1.945932	-0.00531	0.12185	0.12075	0.02447	0.00424	-0.00632
0.47197	1.26196	1.2313	0.05414	-0.09541	0.01042	-0.06431	-0.05711	0.05784
1.02392	1.48201	1.30967	0.14111	0.05112	0.09253	0.09178	-0.00748	-0.05494
1.55731	2.3092	2.39898	-0.04182	-0.06656	-0.06033	-0.10979	-0.05436	0.02018
1.03103	1.23784	1.29191	0.05682	0.22055	0.11293	0.09061	-0.02612	-0.11407
0.69811	1.29113	1.62813	0.162	0.09204	0.06852	0.06927	-0.23116	-0.13156
1.0006	1.69358	1.86274	0.01766	-0.00243	-0.15381	-0.06191	-0.01833	0.02484
0.86992	1.49777	1.41335	-0.01924	-0.25853	-8.10E-04	-0.01797	0.04409	0.00209
1.69224	1.62573	1.67669	0.08556	0.18731	0.10638	0.08858	0.18417	0.05264
0.45591	1.22612	1.38077	0.13494	0.07795	0.13229	0.1794	-0.07682	0.02789
1.61876	1.63718	1.5451	-0.12491	-0.08938	0.0281	-0.05848	0.10275	-0.0265
1.21868	1.53318	1.63789	-0.01052	0.20371	0.10396	0.01944	0.05826	-0.00614
1.7248	1.5802	1.72017	0.02524	-0.08583	0.13224	0.07309	0.15569	0.04099
0.9658	1.26421	1.34244	0.09554	0.1618	0.05599	0.14234	-0.09296	-0.19944
0.41942	0.71395	0.69378	0.06158	-0.10495	0.09735	0.07852	0.0249	-0.03761
0.72356	1.02145	1.18383	-0.0152	0.07585	0.00209	-0.02194	0.12806	0.11222
0.72715	1.34835	1.42375	0.15399	0.0825	0.10515	0.17712	-0.23817	-0.11429
0.28644	1.07545	1.1078	-0.17692	-0.17833	-0.11326	-0.20393	0.09759	0.04297
1.71477	1.65597	1.82441	-0.05548	0.19338	0.0608	-0.0011	0.08868	0.02877
0.52502	1.04952	1.02577	0.0136	0.02324	0.06721	0.00164	0.16025	0.05629
0.92553	1.15636	1.08285	-0.24579	-0.07253	-0.06089	-0.15071	0.07316	0.03342
0.64033	0.95315	0.91379	0.01739	-0.0823	0.02287	-0.02118	-0.04569	0.00843
2.71466	4.18386	3.52617	-0.24939	-0.21357	-0.15508	-0.20667	0.02083	0.01431
1.10436	1.30043	1.43119	-0.00778	0.04137	0.00566	0.01285	0.063	-0.05594
0.81664	1.06261	0.91671	-0.04193	0.00756	0.05726	0.03817	0.0304	-0.09799
1.38554	1.57025	1.51347	0.12204	0.01912	0.07903	0.13062	-0.34649	-0.13592
1.20804	1.72042	2.15895	0.01436	-0.00424	0.03334	-0.01908	-0.14333	-0.11879
0.51219	1.27598	1.321	-0.0149	0.11104	0.11941	0.08717	0.15302	0.01005
0.52768	0.87667	1.03183	0.03608	0.06554	0.02831	0.15273	0.019	-0.12693
0.88083	1.42708	1.40216	0.03665	-0.16339	0.05105	-0.00152	-0.08549	-0.17642
0.65365	1.07239	1.38948	0.06637	-5.20E-04	-0.01654	0.05893	-0.05288	0.04734
1.69047	2.71826	3.32599	0.08116	0.02132	0.0862	0.05253	-0.15808	-0.11294
1.10482	1.29902	1.07188	0.2164	0.21973	0.17571	0.07736	0.08241	-0.24415
1.09908	1.37059	1.35441	0.10176	0.13611	0.21446	0.09302	0.11228	0.03833
1.13666	1.70488	1.22182	-0.00546	-0.03759	0.04706	0.00526	-0.08741	-0.14576
0.6722	0.84918	0.77751	0.05086	-0.22716	0.07587	0.05317	-0.06899	-0.17973
1.27745	1.60537	1.78498	0.10641	0.25705	0.15971	0.09568	-0.30215	-0.29109
0.82052	1.06541	1.09968	0.12092	0.14571	0.1241	0.16528	-0.16785	-0.14778
0.79545	1.03395	0.92346	0.01082	-0.04114	0.058	-0.01456	-0.15144	-0.06661
0.6513	0.96944	0.97733	0.06636	0.22316	0.13295	-0.01258	0.19274	0.09753
0.80718	1.3512	1.51787	0.19495	0.31088	0.2029	0.18576	0.01353	-0.18083
1.07552	1.19671	1.22264	0.0774	0.1171	0.14283	0.16514	0.09977	-0.0673
0.72625	1.24647	1.20537	-0.08887	3.50E-04	-0.05361	-0.099	-0.04524	-0.13915
0.75181	1.09138	1.06222	-0.02771	0.0817	0.11205	0.08306	0.14663	-0.01293
0.48228	1.03806	0.88443	0.03242	-0.03126	2.10E-04	-0.06577	0.05246	0.00421

1.25495	1.49489	1.56026	-0.02966	0.18483	0.08218	-4.50E-04	0.1499	-0.02993
0.77409	1.01683	0.88852	-0.05768	-0.07378	0.04099	-0.03823	0.04795	0.26103
1.68874	2.66121	2.40526	0.08043	0.02315	0.08036	0.0706	0.04017	-0.1105
0.42514	0.70621	0.63189	-0.10453	0.04605	0.00729	-0.02181	0.01297	0.09303
0.73417	1.76281	1.55966	0.01093	-0.27624	-0.06924	-0.18561	-0.0131	0.03503
2.28156	2.44888	2.53054	0.0389	-0.07256	0.07152	-0.00315	0.01063	-0.05947
1.35188	1.71341	1.73823	-0.04223	-0.03377	-0.03003	-0.08083	0.07227	0.1133
0.97571	0.96362	1.0239	0.13886	0.16341	0.15162	0.14028	0.03454	0.040716
0.56146	0.96436	0.92067	-0.09936	-0.31036	-0.08225	-0.12236	-0.1048	-0.08322
0.62351	1.03497	0.84683	0.2248	0.14676	0.23237	0.20511	0.08218	0.01807
1.34896	1.06548	1.33495	0.03667	0.13517	0.1241	0.14998	0.0085	-0.05548
0.54656	1.1685	0.97898	0.05258	-0.27022	-0.00747	0.00472	0.111	0.03065
1.03234	1.70163	1.6935	0.03254	-5.90E-04	0.12624	-0.01954	0.02828	-0.06277
0.91521	1.57159	1.60908	0.01302	0.11735	0.01186	-0.02495	-0.07266	0.04762
1.09295	1.19739	1.11647	-0.11407	-0.14594	-0.01359	-0.02503	0.06197	0.00999
2.84188	3.27608	3.42068	0.09	-0.19269	0.06345	-0.06009	-0.0207	0.07862
0.54586	1.05999	1.02505	0.1482	0.00731	0.08001	0.1172	-0.02119	-0.14392
1.28497	1.97124	1.54467	0.08006	-0.27041	-0.0322	-0.00824	-0.1714	-0.19291
0.64439	0.7434	0.72105	0.05763	-0.21357	0.07873	0.03246	0.00272	-0.03888
1.79632	1.64867	1.91514	-0.025	-0.18683	0.10739	0.03666	0.15517	0.12131
1.59065	1.60826	1.62945	-0.13517	-0.0717	-0.03326	-0.04003	0.09033	0.05689
0.50875	0.92545	1.06314	0.15461	0.22889	0.12077	0.18332	-0.04307	-0.02962
1.27072	1.47961	1.61308	0.20082	0.31837	0.21776	0.23014	0.09589	0.07726
1.55954	2.07716	1.84181	0.18664	-0.20774	0.10003	-0.04312	-0.00709	0.09222
0.7839	1.13679	0.91875	-0.02502	-0.09971	0.08278	0.01938	0.03782	0.00498
0.42858	1.45955	1.60445	0.20022	0.20379	0.17083	0.19039	-0.10245	-0.14437
0.51374	1.41167	1.51983	0.0445	-0.12902	0.04968	-0.04028	-0.04547	-0.0146
0.56889	0.99382	1.15537	-0.04911	-0.31666	-0.02873	-0.052	0.04762	0.05155
0.29917	0.69072	0.70195	-0.02022	0.01871	0.04155	-0.0048	0.07711	-0.01769
0.82918	1.73191	1.67684	0.00703	0.02916	-0.05061	0.05717	0.01454	-0.01351
1.98843	1.60906	1.64387	-0.04955	-0.02428	-0.02706	0.03179	0.104	0.02552
1.93549	2.70271	2.64308	0.56558	0.52854	0.57083	0.47811	-0.28445	-0.07
0.96388	1.60633	1.33217	-0.1017	0.07542	-0.04284	0.04875	0.01548	0.0564
1.80157	2.54158	2.18817	0.16506	0.16707	0.12833	0.01083	-0.05341	-0.44155
0.72227	1.17883	1.24578	0.14229	0.02614	0.15067	0.11097	-0.11542	-0.18182
0.62646	1.12986	0.94012	0.10298	0.12993	0.04923	0.05677	0.02822	-0.05298
0.77888	0.84152	0.71503	0.03061	0.09656	-0.03051	-0.04416	-0.04124	-0.17365
1.93813	1.55707	1.58184	-0.04573	-0.07304	0.02286	0.01594	0.09607	0.00672
0.81622	1.56748	2.08095	0.20253	0.12715	0.05601	-0.07311	-0.36987	-0.12663
0.50853	1.1391	1.13095	-0.01861	-0.08	-0.02664	-0.03687	-0.01265	-0.02657
0.66373	1.61244	1.666	0.04195	-0.3117	0.0549	-0.03288	0.04578	0.1601
1.17851	1.19011	1.17885	-0.02121	-0.08077	-0.00353	0.03765	0.10597	-0.03431
1.2664	2.36495	1.79149	-0.34384	-0.33008	-0.28346	-0.25376	-0.16581	-0.12525
1.53724	1.59444	1.651249	-0.02707	0.21544	0.12696	0.06357	0.10145	-0.08309
0.69116	1.31529	1.4985	0.01159	-0.044	0.03806	0.02547	0.03384	-0.04597
1.46584	1.57418	1.66178	-0.02373	0.10422	0.08384	0.02708	0.06429	0.05974
1.59857	1.36253	1.45673	-0.10685	-0.02795	0.0106	0.01174	0.13903	-0.05212
0.83576	1.33931	1.15769	0.08797	-0.11814	-0.10583	-0.02532	-0.16698	-0.1548
2.24137	2.67714	2.23728	-0.23238	-0.32271	-0.20008	-0.28034	-0.23926	-0.15424
0.59523	1.01186	0.85453	0.01774	-0.02114	-0.05646	-0.05481	-0.00797	-0.0427
1.22082	1.09558	1.09933	0.09244	0.03496	0.1957	0.13417	0.13897	0.038
1.97509	1.50959	1.71364	-0.0362	0.10169	-0.03177	0.06671	0.0543	0.00576

1.07815	1.77846	1.91273	0.15391	-0.12544	0.15228	0.0998	0.05724	0.08127
0.98945	1.03739	1.05455	0.02548	0.13282	0.06534	0.09949	-0.15526	-0.11271
1.2146	1.22469	1.24559	0.0233	0.03252	0.10552	0.06539	0.10564	-0.00238
0.21586	0.52084	0.44282	-0.00197	-0.05845	0.01018	0.01343	-0.02753	-0.00922
0.54336	0.92275	0.71613	-0.04699	-0.16582	-0.12046	-0.13535	-0.01737	0.01325
1.9593	2.51407	2.61263	0.17952	0.10827	0.20299	0.14622	-0.30868	-0.28368
1.74414	2.48357	2.37448	0.15354	0.27771	0.21124	0.25365	-0.37314	-0.33161
0.82548	1.17279	1.25341	0.09748	0.10058	0.12504	0.14176	0.01187	-0.11104
1.27469	2.02469	2.01582	0.02057	0.13828	0.06126	0.01684	-0.10687	-0.16192
0.39848	1.06467	1.03687	-0.04766	-0.19089	-0.02183	-0.04852	0.03421	0.07415
1.08525	2.27988	2.47894	0.22837	0.16056	0.18027	0.18519	-0.48612	-0.39112
1.15856	1.34676	1.39223	0.01864	0.10708	0.05105	0.02912	0.13135	0.09247
1.59049	1.85562	1.86391	0.23282	0.2104	0.14909	0.06605	-0.11139	-0.09829
1.08257	1.49568	1.56957	-0.09795	0.02147	0.02847	0.02739	0.13471	-0.05868
0.50907	1.26512	1.05447	0.06946	-0.05983	0.05956	-0.04285	0.04754	0.02311
0.42649	0.87727	0.84322	-0.10298	-0.2466	-0.07766	-0.04019	0.05607	-0.02634
0.85924	1.37559	1.69247	0.09605	0.15873	0.15308	0.03672	-0.22616	-0.25562
0.64679	1.23957	1.18323	0.10632	0.11805	0.1665	0.1468	0.06019	-0.05386
0.63593	1.24399	1.14695	0.09634	-0.28676	-0.12806	-0.01045	-0.09869	-0.25814
0.36339	1.77363	2.01178	0.03387	0.11327	0.07862	-0.06863	0.03379	0.01239
0.73896	0.72987	0.80971	0.07918	0.18156	0.03142	0.09675	0.01356	0.04896
0.80413	1.04575	0.98737	0.02595	0.18889	0.06429	0.05843	0.05757	-0.17267
0.46856	0.82448	0.8483	-0.10556	0.02508	-0.01189	-0.0176	0.08603	0.09352
0.73979	1.21492	1.11159	0.03733	-0.13295	0.0139	-0.06228	0.1274	0.11168
0.44379	0.8074	1.10022	0.08044	-0.0025	-0.01406	0.06417	-0.10902	-0.11133
1.37333	1.41611	1.65216	-0.06157	0.12099	0.04884	0.07055	0.02691	0.02085
0.74749	1.04644	1.03533	0.15277	0.12269	0.16532	0.21103	0.03052	-0.04749
2.39614	3.15147	3.38319	0.0199	0.07199	0.04361	0.04017	0.12362	-0.1164
1.10434	1.32274	1.31208	-0.06389	-0.02692	-0.02064	-0.03923	0.06075	0.12221
0.62068	1.04362	0.89557	-0.05436	-0.21128	-0.05258	-0.0612	0.09251	-0.05428
1.37434	1.70628	1.77299	-0.12928	-0.10978	-0.03796	-0.08258	0.18906	0.02287
0.75055	1.0477	0.97775	-0.05122	-0.40753	-0.0195	-0.09799	0.11055	0.0857
0.63457	0.86755	0.80845	-0.06657	-0.11935	-0.02453	-0.08581	0.16408	0.18479
0.60485	1.64983	1.43142	0.07638	0.22493	0.00368	0.02369	0.04218	0.0506
0.60231	0.79773	0.65714	-0.04378	-0.02828	0.03574	0.04149	0.04592	-0.0491
0.66912	1.26528	1.39839	0.20196	0.22624	0.22074	0.19357	-0.07716	-0.10679
1.19414	1.14333	1.14823	0.02406	0.02384	0.12823	0.01365	0.10624	7.00E-05
0.16275	0.74563	0.62294	0.02651	0.04378	0.00603	-0.00342	4.00E-04	-0.10869
1.02149	1.30563	1.16977	0.06559	-0.01876	-0.01396	0.10268	0.02578	0.04661
0.42129	0.71278	0.8777	0.09839	0.13837	0.0791	0.13811	-0.07045	-0.00295
0.23556	1.56233	1.67968	-0.10931	0.09998	-0.16597	-0.06429	-0.11551	0.15572
0.87477	1.84084	1.72936	0.26055	-0.07329	0.11747	0.13982	-0.11151	-0.04354
0.43827	1.14048	1.14507	0.0395	0.05352	0.04119	-0.01058	0.05926	0.01661
1.20011	2.3418	1.88307	0.08305	0.05927	-0.01266	-0.03942	0.10806	0.10858
0.67011	0.85354	0.73498	-0.03078	-0.06083	0.02544	0.07048	0.18097	0.06826
0.65909	1.07532	1.09774	-0.20837	-0.23564	-0.11919	-0.2367	0.06491	0.05425
0.50748	0.65357	0.60384	0.03738	0.02999	0.09295	0.09437	0.03026	-0.05389
0.8366	1.10157	1.19392	0.10367	0.20019	0.10775	0.12356	0.03239	-0.04098
1.48244	1.54564	1.68447	0.13123	0.23154	0.10992	0.1836	-0.10628	-0.14268
0.34659	1.18316	1.14977	-0.01743	-0.03418	0.01765	-0.04274	0.11998	0.04564
0.40067	0.78785	0.92577	0.04264	0.14211	-0.00651	0.11349	-0.15344	-0.14315
0.3918	1.61321	1.48047	0.00928	-0.31999	-0.09056	-0.08743	0.14201	-0.08275

1.02586	1.3205	1.12425	0.05203	-0.04148	0.07321	0.00459	-0.06998	-0.05936
0.7298	1.08112	1.13665	-0.13803	-0.13485	-0.13571	-0.14318	-0.00707	-0.03274
0.55319	1.03636	0.62668	-0.07728	-0.02876	0.03744	-0.01501	-0.02009	0.0693
0.67347	0.70701	0.62152	-0.0596	0.0017	0.0682	0.00955	0.0603	0.02576
0.93457	1.94989	1.67687	0.19292	0.20321	0.24289	0.16934	-0.03026	-0.06277
1.54284	1.97828	1.92154	0.13035	0.25019	0.09273	0.14317	0.04451	-0.07215
0.45554	0.745	0.6678	0.05181	0.07529	0.01925	-0.04355	0.05911	0.05653
1.63017	1.4357	1.54587	-0.0507	-0.29183	-0.01384	-0.03027	0.10099	-0.00682
1.30329	1.28802	1.22331	-0.03129	-0.02569	-0.04822	-0.00927	-0.02826	-0.11713
0.47467	1.99985	1.64948	-0.11862	-0.11866	0.0815	-0.10417	-4.50E-04	0.07696
0.53666	1.5291	1.16132	0.02963	0.09696	0.05363	0.06416	0.10034	-0.07709
1.07904	1.5393	1.57603	0.11228	0.01942	0.10917	0.0738	0.03101	0.04214
0.47217	0.74533	0.96904	0.01984	-0.00712	7.60E-04	-0.03186	-0.16995	-0.13538
0.70741	0.94734	0.74918	-0.07764	-0.03015	-0.01092	-0.01611	0.27996	0.15391
1.45502	1.23269	1.47107	-0.14089	0.08465	-0.06986	0.01626	-2.50E-04	-0.02845
0.76046	0.72135	0.7727	0.01422	0.20001	0.06197	0.05002	0.03994	0.04306
0.58789	1.05345	1.69534	0.06329	0.19411	0.05735	0.05893	-0.1681	-0.20472
0.86191	1.02019	1.03823	0.05759	-0.08105	0.03381	0.05082	-0.02834	0.0181
0.4746	0.97213	0.83441	-0.15174	-0.02448	-0.07064	-0.04171	0.07298	0.01199
1.35252	1.81005	1.57681	-0.08973	-0.29622	-0.12998	-0.11594	0.00535	-0.0584
0.26425	0.69153	0.549	-0.03135	-0.13038	0.01323	-0.05638	0.0072	0.02092
0.75516	1.00675	0.96241	0.09783	0.17809	0.07967	0.12929	-0.01808	-0.11787
0.62267	1.0197	1.02136	0.07379	0.22339	0.11141	0.08533	-0.03788	-0.14296
0.97691	1.49511	1.35571	-0.04926	-0.15052	-0.15629	-0.06415	0.01407	0.10228
0.37232	0.76074	0.87621	-0.11774	-0.04061	-0.11762	-0.0936	0.08904	0.06965
0.99871	1.07728	1.06866	-0.1323	-0.21106	-0.04623	-0.1154	-0.00842	-0.01463
0.65924	1.12809	0.94724	0.09649	-0.065	0.09375	0.11569	0.08781	-0.01934
0.59685	1.38488	1.52486	0.13719	0.17092	0.19266	0.20084	0.02046	-0.15961
1.15938	0.95883	0.96847	0.05474	-0.19556	0.04729	-0.01416	0.1504	0.03525
1.1298	1.47168	1.51747	0.06815	0.04894	0.00381	0.07506	-0.20189	-0.1226
0.40253	0.81265	0.95764	0.05461	0.13432	0.06971	0.0065	-0.0253	-0.05856
0.5281	0.76013	0.87971	0.09394	-0.10881	-0.08079	0.0726	-0.05742	0.01451
0.57205	1.11643	1.01448	-0.11083	-0.04611	-0.04958	-0.13391	0.09509	0.04306
0.85396	1.06293	0.97055	0.04925	0.19829	0.18252	0.147	0.08008	0.04295
0.79908	0.77359	0.726	-0.04228	-0.07802	0.01407	-0.03552	0.00698	-0.00442
0.61566	1.11179	0.97874	-0.03731	-0.25649	-0.10868	-0.0956	0.06132	-0.10964
0.45103	0.83754	0.73579	0.24847	0.04166	0.22892	0.17329	0.08801	-0.01398
1.14781	1.57894	1.57926	-0.03252	-0.23386	-0.07181	-0.03725	0.06524	0.09629
0.68127	1.74343	2.3792	0.04974	-0.07478	0.18112	0.00877	0.14124	0.00693
0.5956	1.70509	2.57634	0.04457	-0.1534	-0.22185	-0.03967	-0.50159	-0.22553
1.01019	1.07647	0.90387	-0.07126	0.09395	0.04582	0.00962	0.1648	0.17626
0.31095	0.79898	0.79177	0.01092	-0.22489	0.03188	0.00534	0.03941	-0.13241
1.41325	1.35908	1.18679	0.03476	0.24011	0.18995	0.12742	0.06165	-0.00481
0.40643	0.62812	0.68875	0.06407	0.11111	0.0819	0.10314	-0.09362	-0.10364
1.36719	1.7308	1.31959	-0.08404	-0.16583	-0.02672	-0.13892	0.16038	0.12788
0.44807	0.70553	0.74476	-0.01419	0.05473	-0.02671	0.05029	-0.01678	0.06478
0.31452	1.17634	1.2263	-0.01219	-0.22928	-0.08094	-0.05567	-0.05507	-0.07506
1.35764	1.69341	1.32961	-0.08612	-0.2092	-0.06594	-0.14836	0.04048	0.16304
0.37459	0.8459	0.76083	-0.12556	-0.02283	-0.08331	-0.13349	0.0097	0.05487
0.7834	1.2897	1.063	0.10042	0.08004	0.05897	0.04218	0.06653	-0.0181
0.67252	1.52046	1.27196	0.09511	0.21002	0.11609	0.11055	-0.03947	0.03064
0.63705	1.16896	1.28368	0.23424	0.33023	0.25353	0.23627	0.14127	0.02508

0.57541	1.29175	1.18717	0.0139	0.11536	0.0114	0.12812	-0.08128	0.00261
1.36618	1.96586	2.10936	0.00539	0.04768	-9.70E-04	0.03281	-0.01564	-0.02969
0.39257	0.71428	0.62776	-0.05222	-0.11883	-0.03059	-0.0362	0.0034	0.0926
0.37843	0.60038	0.71194	0.02197	0.01831	0.03968	-0.00602	0.0594	0.09347
0.56736	0.77144	0.60111	5.60E-04	0.14012	0.02132	-0.0237	0.13717	0.03294
1.24904	1.67663	1.38604	-0.19053	-0.11791	-0.07398	-0.14772	0.08989	0.09912
0.35546	1.74539	1.55119	0.15384	-0.12003	0.05144	0.18387	0.06371	-0.06408
0.6862	1.14313	0.92212	0.05136	0.07846	0.08431	0.00117	0.06061	0.04989
0.26015	0.59507	0.51732	-0.17122	-0.08472	0.00348	-0.04865	0.06177	0.02366
0.75969	0.95332	0.84246	0.05056	0.10769	0.09692	0.10367	0.10355	-0.12391
0.54824	0.80915	0.66113	-0.05093	0.00741	-0.029	0.02825	-0.06401	-0.13365
1.13972	1.96481	2.44953	-0.09269	-0.03628	-0.06431	-0.10111	-0.07448	-0.06082
0.75804	1.41147	1.29265	-0.0646	-0.07235	0.01806	-0.05786	0.06811	0.01768
1.1877	0.98863	1.13408	0.08211	0.20929	0.1226	0.19851	0.04886	-0.00429
0.3989	0.70103	0.74592	-0.05283	-0.2568	-0.07728	-0.08333	0.00669	-0.04147
0.50559	0.82396	1.00075	-0.01689	-0.09855	-0.03087	8.80E-04	-0.04988	-0.08254
0.87192	2.07077	2.16285	0.20967	0.02139	0.02817	0.10924	-0.08564	0.01358
1.0807	1.23834	1.06721	0.03122	0.01439	0.05008	-0.0888	-0.08338	0.03672
0.23632	0.67453	0.72748	0.08405	-0.03167	0.09794	0.08172	-0.11008	-0.16612
0.29741	0.5957	0.58307	-0.02886	-0.03485	0.03207	0.01439	-0.02116	-0.02167
0.62261	1.02991	1.00741	-0.02533	-1.40E-04	0.01465	-0.04798	-0.02255	-0.02111
0.32998	0.89976	0.80709	0.03058	-0.22079	0.01893	-0.02395	0.01758	0.08421
0.43028	0.49085	0.51832	0.00159	0.0309	-0.01808	-0.02777	3.30E-04	-0.06219
0.31286	0.72224	0.69917	-0.04864	-0.28589	0.01902	-0.08604	0.01846	-0.0738
0.77148	0.90288	0.67882	0.0254	0.22799	0.06884	0.096	-0.02934	0.09913
0.49538	0.61976	0.63834	-0.13175	-0.04688	-0.05327	0.04098	-0.19571	-0.07936
0.73011	0.72256	0.86438	-0.0641	0.00935	0.05804	0.06765	-0.03158	0.10653
0.35595	0.56882	0.43131	0.02081	0.12736	0.03568	0.00411	0.03311	-0.06223
0.5517	0.84135	0.80641	-0.00228	0.07134	0.04761	0.04428	0.07739	0.01308
0.53358	0.82336	0.67974	0.22754	0.15133	0.27543	0.24343	-0.0705	-0.18465
0.84811	1.32051	0.67398	0.00793	0.01083	0.06691	-0.01621	-0.14954	-0.07143
0.86887	1.25057	1.38679	-0.02886	-0.10358	-0.0251	-0.06473	0.02272	-0.02167
0.51816	1.56255	1.43536	0.04458	-0.23694	-0.00885	-0.16496	-0.15608	-0.06091
0.93557	1.13723	0.87386	-0.1256	0.04642	-0.21048	-0.10954	0.20376	-0.00141
1.80729	1.89979	1.42356	-0.54647	-0.46167	-0.49838	-0.56522	-2.10E-04	-0.19303
0.62055	0.80248	0.72387	0.04199	0.10522	0.09607	0.07046	8.90E-04	0.07123
0.48049	0.72218	0.70865	-0.22628	-0.17728	-0.19398	-0.1759	0.01972	0.07551
0.64053	1.47813	1.50896	0.2533	0.02256	0.22471	0.29826	-0.22269	-0.10073
0.38654	0.65054	0.55704	0.0361	0.04848	0.0468	0.01122	0.07652	-0.03143
0.83589	1.46215	1.48726	0.14806	0.07485	0.13949	0.14528	-0.03164	-0.02762
0.42431	0.70052	0.65489	-0.08673	-0.17323	-0.05686	-0.09827	-0.02198	-0.01122
0.40929	0.70966	0.5828	0.19189	0.17594	0.22752	0.19884	0.0441	0.02597
0.90174	2.18199	2.24291	-0.02795	-0.15241	-0.0871	0.01008	0.00467	-0.13116
1.27485	1.35043	1.116	0.00166	0.19996	0.11131	0.13834	0.16341	0.06789
0.43302	0.63318	0.96495	0.00333	0.00686	-0.01226	0.04418	-0.18495	-0.18058
0.48624	1.007	1.11692	0.32866	0.1835	0.2437	0.28516	-0.17705	-0.08633
0.79958	1.14136	0.87211	0.15163	0.16651	0.09157	0.18526	0.14332	-0.01184
1.04411	1.12646	1.07988	-0.03445	-0.07993	0.00249	0.00749	0.1064	0.00468
0.08189	0.80389	0.77364	0.07163	0.10701	0.12427	0.09755	-0.01811	-0.16209
0.14426	1.5245	1.39937	0.04365	0.12533	0.16836	-0.02299	0.08782	0.10433
0.63018	0.89037	0.89459	-0.03288	-0.21666	0.02662	-0.04567	-0.04041	-0.07974
0.39519	0.74472	0.68549	0.0259	0.10053	-6.40E-04	0.04512	0.03986	-0.06953

0.73944	1.10109	0.88284	0.09629	-0.33354	0.01691	-0.0157	0.08652	-0.05276
0.43726	0.46681	0.44001	-0.02177	0.06617	0.03365	-0.02342	-0.01802	0.03136
0.38166	1.39672	1.15407	0.13302	0.08739	0.09472	0.0615	-0.15136	-0.12904
0.7335	0.66977	0.54246	0.00569	0.00858	0.06087	0.05865	0.15386	-0.02003
0.60759	1.15718	0.84348	0.01557	-0.12311	-0.06851	-0.02942	0.11553	0.21455
0.26043	0.8689	0.59745	-0.08295	-0.00942	-0.0501	-0.11482	-0.00436	0.07331
0.40529	0.94624	0.91184	-0.01625	-0.06298	-0.04995	-0.15117	0.06164	0.08612
0.69348	1.36519	1.35722	0.10233	-0.01071	0.10407	0.05145	-0.02038	-0.1715
0.84862	1.64091	1.5607	0.03024	-0.15483	-0.3309	-0.22505	-0.47929	0.00123
0.33265	0.7213	0.66154	-0.03695	0.11862	0.00227	-0.08968	0.07522	0.03605
2.0112	2.50304	2.24064	0.4854	0.50085	0.5225	0.54416	-0.2794	-0.38355
0.55844	0.98416	0.69169	0.12667	0.08354	0.16454	0.054	-0.02871	-0.10627
0.41175	0.60313	1.06446	0.10193	0.16178	0.09601	0.10973	-0.10065	-0.0726
0.7781	0.92279	0.80926	-0.15185	-0.24334	-0.10147	-0.10428	0.02207	0.05786
0.72254	0.80231	0.70969	0.02438	-0.06956	-0.02224	0.06849	-0.0601	-0.10771
2.88411	3.21186	3.40407	0.3357	0.38534	0.35524	0.358	-0.50351	-0.59293
1.05543	1.33576	1.26358	-0.14297	-0.00461	-0.14745	-0.03397	0.04216	0.06194
0.55157	0.93254	0.97177	0.16216	0.10322	0.08785	0.34054	0.15518	0.0144
0.29045	0.86436	0.81403	0.08171	-0.27276	0.0573	1.20E-04	-0.0043	-0.04674
0.56294	0.74208	0.70523	0.05461	-0.05647	0.10936	0.07319	0.08067	0.02712
0.291	0.58673	0.62853	-0.00158	-0.08102	0.01485	-0.02824	-0.02199	-0.01503
0.50984	1.51689	1.45679	0.2871	0.12797	0.25412	0.16834	-0.13835	-0.17193
1.0275	1.01205	1.01849	0.1909	0.14305	0.16431	0.16974	-0.07765	-0.0753
0.55912	1.01309	1.03364	-0.00527	0.15711	0.05219	0.11611	0.06642	0.01498
0.73776	1.11404	1.21185	0.12028	0.12596	0.08573	0.1459	0.08657	0.04752
0.61363	0.80687	0.53687	-0.10979	-0.11991	-0.02477	-0.05857	0.18209	0.02903
0.2994	0.92623	0.75459	-0.0833	-0.05246	0.05111	0.02083	-0.06695	-0.01347
1.25889	1.30903	1.10635	-0.1148	0.00639	0.05011	0.02154	0.2669	0.13598
0.52626	1.24443	1.17642	-0.13028	-0.0306	-0.03485	-0.17328	0.11964	0.10725
0.36373	0.46055	0.49491	-0.00888	0.05551	0.01228	0.05183	-0.08326	-0.00713
0.68012	2.14868	2.67666	0.17382	0.12925	0.00167	0.13491	-0.14908	-0.01331
1.04575	1.65654	1.43181	0.14475	0.2172	0.2592	0.14188	-0.10858	-0.03471
0.35366	1.8114	1.59666	0.0403	0.12687	0.10453	0.02739	-0.21763	-0.1156
0.55614	1.07902	0.67939	0.11368	0.02607	0.06364	0.10596	-0.13032	-0.15459
0.53218	0.59793	0.46934	0.10149	0.1466	0.10641	0.06955	-0.04609	-0.09977
0.78169	1.01442	0.85974	0.14644	-9.60E-04	0.18202	0.08017	-0.16823	0.01177
1.01088	1.6038	1.41378	0.11382	0.13625	0.14365	0.15895	0.09938	0.01825
0.63759	0.73051	0.53296	-5.00E-05	0.17133	0.02412	0.03802	-0.1525	-0.09279
0.62816	0.65253	0.60286	-0.05332	0.05789	-0.00856	-0.01355	-0.03278	0.04507
1.53364	1.62946	1.69874	-0.04925	0.0242	-0.18654	0.16102	-0.43382	-0.41407
1.08714	1.21005	1.27416	0.16203	0.27104	0.18265	0.23893	-0.15393	-0.14343
0.3674	0.71643	0.61972	0.0541	-0.01572	0.02054	0.05892	-0.04636	-0.13257
0.47814	1.10845	0.95095	-0.06919	-0.08103	0.07159	-0.04412	0.1346	0.01619
0.66694	0.94512	0.68066	0.0845	0.04473	0.01118	-0.06328	-0.06518	0.03256
0.45774	1.33792	1.06225	-0.0312	0.03158	-0.03731	-0.11569	-0.0776	-0.06521
1.93586	2.19179	2.33651	0.26527	0.32297	0.24178	0.22793	-0.02632	-0.08157
0.46409	0.61891	0.52681	0.03899	-0.05434	0.00308	-0.04888	0.04298	0.01739
0.49757	1.18567	1.23361	-0.07731	-0.07317	-0.06302	-0.06588	0.03913	0.10725
0.43331	0.81285	0.61728	-0.0551	-0.07068	-0.04474	-0.01408	0.17894	0.09248
0.20364	0.68026	0.60315	0.01832	-0.13972	-0.1044	-0.09602	-0.01364	-0.11344
0.61053	0.5629	0.67684	-0.02444	0.07429	-0.01732	0.07841	-0.02747	-0.06936
0.77646	1.30677	1.20316	0.08524	0.15287	0.0848	0.12915	-0.11206	-0.01926

0.55942	0.59759	0.57828	-0.00584	0.18153	0.05985	0.01829	0.1098	0.03402
1.12063	1.09531	1.12151	-0.04247	0.21078	0.05003	0.10834	-0.23305	-0.03479
1.00469	2.33237	2.29234	0.13202	0.08693	0.01885	0.36434	-0.39402	-0.05455
0.56475	0.80982	0.84603	0.0959	0.17575	0.08122	0.20832	0.04557	-0.00683
0.61209	0.72933	0.5473	0.1245	-0.05247	-0.05727	-0.02774	-0.23751	-0.09358
0.26828	0.53537	0.36923	0.07511	0.12707	0.1153	0.02276	0.13189	0.0389
0.65707	1.26678	1.10873	0.12642	-0.01457	0.01585	-0.03811	-0.13893	-0.24861
0.63848	0.73818	0.66879	0.10757	-0.01793	0.16597	0.15221	0.11848	0.09822
0.51802	0.70279	0.78143	-0.00392	-0.02185	0.08772	0.1198	0.00165	-0.0931
1.91277	2.02027	2.14326	-0.0367	-0.05291	-0.01261	0.03179	0.42703	0.2904
0.3763	1.11901	1.36161	0.06249	-0.17916	-0.23509	-0.12392	0.10431	-0.15708
2.07079	2.64136	3.11051	0.07837	0.19714	0.07804	0.14024	-0.23879	-0.28361
1.98687	2.43795	2.67302	0.14748	0.23245	0.14295	0.15977	-1.17843	-1.19762
0.16806	1.04537	0.95193	0.19966	0.11511	0.1849	0.18815	-0.19773	-0.27129
0.3866	0.48389	0.39186	0.0152	0.08766	0.0518	0.03728	0.14346	0.07763
0.93158	2.06531	3.12941	0.04975	-0.0195	-0.08144	0.06053	-0.05392	-0.00118
0.5668	1.26572	1.17023	0.07929	-0.41936	-0.165	-0.00245	-0.03756	-0.30445
0.57187	0.90933	0.90819	0.04574	0.03525	0.11439	0.01154	0.09268	0.09901
1.08646	1.64101	1.28223	-0.15115	0.07541	-0.13817	0.00644	-0.00852	-0.30094
1.00045	1.06083	1.19978	-0.03825	-0.03438	0.09647	0.08727	0.04372	-0.11227
0.07151	1.18624	1.35417	-0.01151	-0.14679	-0.03223	-0.14332	-0.10866	-0.02419
0.60902	0.90889	1.00321	0.03626	0.02112	-0.01162	-0.05744	0.10471	0.06897
0.84228	1.31987	1.27583	0.04421	0.06474	0.1079	0.03281	-0.09292	-0.0393
0.7969	1.41281	1.20009	-0.08244	-0.13428	0.01819	0.01768	0.03396	0.01119
2.49315	2.75405	2.40803	-0.02023	-0.31264	-0.14696	-0.12877	-0.11928	0.12766
0.1249	0.47556	0.43095	-0.1352	-0.10498	0.04131	-0.02647	0.17842	0.09989
0.36836	1.00845	1.12169	-0.01991	0.08139	0.01557	-0.04749	-0.0335	-0.07876
0.60934	0.69105	0.52328	0.01936	-0.05634	0.0632	0.00806	0.10486	0.04777
0.59522	0.75526	0.7429	0.16108	0.30388	0.23688	0.1639	-0.00783	-0.05097
0.43983	0.94786	1.15037	0.18764	0.2213	0.19665	0.17012	-0.01799	-0.02259
0.96754	1.19526	1.4745	-0.05442	-0.19888	-0.08916	-0.09404	0.06442	-0.02066
0.41533	0.45868	0.75193	-0.08034	0.0171	-0.02264	-0.07858	0.0974	0.02916
0.39474	0.93038	1.13532	-0.01327	-0.15509	-0.02366	-0.07249	-0.04245	0.02043
2.11327	3.2356	3.96799	0.43789	0.54259	0.36859	0.51018	-0.42914	-0.51235
0.68705	1.62462	2.88889	-0.01932	0.01607	-0.01891	0.03002	0.11481	0.09219
0.19594	0.66787	0.71094	-0.11679	0.04066	0.0113	-0.08485	-0.05433	0.0584
0.53932	0.77562	0.88035	0.15336	0.27765	0.11557	0.16964	0.04262	-0.01271
0.34002	0.41706	0.80038	0.07248	0.17804	0.05164	0.09943	-0.1124	-0.04981
1.22139	1.4992	1.20498	0.25388	0.26502	0.2297	0.21742	-0.00251	-0.24322
0.71461	1.00286	1.16898	-0.09267	0.11454	-0.04677	0.04136	0.10266	0.13699
0.71112	1.80081	2.24612	0.09444	0.05122	0.00515	0.07051	-0.3237	-0.19241
0.69081	1.37189	0.95141	-0.00747	0.0119	-0.11737	-0.17633	0.18197	-0.03094
0.58594	1.11878	1.32974	-0.29423	-0.2875	-0.23825	-0.28795	-0.02571	-0.04725
0.46299	1.28034	1.4809	0.27825	0.30873	0.19618	0.32799	-0.049	-0.16851
0.75806	1.45112	1.63551	0.12903	0.11218	0.0882	0.09269	-0.10584	-0.0713
0.62322	1.13509	1.48506	0.05065	-0.12256	0.05241	0.05923	0.1274	-0.02937
0.57221	1.13241	0.82985	0.00182	0.12321	0.10407	0.03947	0.14793	0.08719
0.82302	1.32341	1.03011	0.09648	-0.06557	0.07689	0.08333	-0.34193	-0.02747
0.39237	0.62102	0.70855	-0.05255	0.03973	0.0248	-0.00461	0.02575	9.00E-05
1.2852	1.34229	1.41037	-0.1882	-0.01724	-0.15256	-0.03694	0.1999	0.22518
0.07695	1.04793	0.90098	0.12711	0.10907	0.0632	0.0916	-0.08632	0.02215
0.69815	0.82322	0.78438	-0.10654	0.08142	0.05018	0.02883	0.15006	0.04797

0.07313	0.72188	0.68032	0.02896	0.02858	-0.00371	-0.07993	-0.11298	-0.00385
0.26398	0.81206	1.06937	0.02697	0.04815	-0.00948	-0.05236	0.01773	-0.09523
0.39	0.74694	0.53924	-0.12254	-0.0885	0.08217	-0.01565	0.183	0.1075
0.12477	0.73768	0.70166	0.12892	0.00939	0.07785	0.08745	-0.02552	-0.03005
0.54669	0.87032	0.84122	-0.17132	0.03013	-0.07196	-0.01309	-0.16073	0.02913
0.73396	1.15583	0.88057	-0.05364	0.06947	0.03413	-0.01901	0.26331	0.11399
0.56377	0.76593	0.37359	0.13255	-0.02804	-0.00415	0.00419	0.05976	-0.01828
0.75962	1.02213	1.10738	0.24215	-0.17494	0.11629	0.21289	0.22731	0.05889
0.25743	0.90941	0.80997	-0.00862	-0.13879	-0.06657	-0.13657	0.01778	0.02304
1.2687	1.08206	1.25986	-0.04985	0.02968	0.12524	0.13348	0.36894	0.2799
0.88649	1.27418	1.44363	0.01545	-0.0444	-0.02931	0.01837	0.00614	-0.02547
0.6214	1.28758	1.35236	0.02184	0.20767	0.18533	0.12625	0.08016	0.05913
0.25125	1.10087	1.03501	0.12504	0.04492	0.0958	0.05924	-0.08086	-0.07207
0.47367	0.6031	0.44617	-0.03923	0.0297	0.02748	0.01972	0.0707	0.06257
0.42312	0.62367	0.69485	0.13166	0.10553	0.17409	0.19575	0.10604	0.04326
1.51195	2.33033	2.12292	0.22274	0.15588	0.33687	0.27329	-0.22309	-0.27578
0.93656	1.20821	0.91234	0.03441	0.1529	0.00533	-0.03269	-0.02655	-0.04112
0.62001	1.26801	0.95911	0.14235	0.23413	0.17022	0.07381	-0.10786	-0.11321
0.53124	0.89841	0.63192	0.00821	-0.33508	-0.04585	-0.08337	-0.07334	-0.07828
0.5471	0.65679	0.43565	-0.06638	0.0297	0.0236	-0.06498	0.00454	0.01105
0.68655	0.95098	0.77923	0.1718	-0.20091	0.15787	0.06936	0.03971	-0.03611
0.56516	0.75066	0.75532	-0.08714	-0.00102	0.02588	-0.01348	0.05222	0.07689
0.26974	1.00947	1.06864	0.07681	-0.18436	-0.02219	-0.02525	-0.00289	-0.07937
0.42847	0.93408	0.99311	0.02463	-0.09424	0.00548	-0.00363	-0.09625	-0.08558
0.62529	1.14038	0.94179	0.02505	-0.49374	-0.21785	-0.16042	0.18115	0.11566
0.79989	1.57635	1.22373	-0.02193	-0.21558	-0.06585	-0.08131	-0.02923	-0.14828
0.29252	0.7252	0.63401	-0.06191	-0.05665	0.03596	-0.01668	0.04289	-0.07229
0.52643	0.8786	0.85712	0.09697	0.1434	0.15485	0.09434	0.02018	-0.10143
0.19422	1.12572	1.06048	0.06197	-0.11918	-0.16247	-0.1194	-0.13219	-0.10894
0.16258	0.86305	0.88649	-0.09322	-0.01101	-0.09162	-0.17534	0.07324	0.01332
1.11737	1.06145	1.03399	0.07534	-0.12467	0.08694	1.20E-04	0.18255	0.08309
0.33926	0.64686	0.82879	0.13889	0.24089	0.15959	0.11947	-0.14259	-0.08745
0.47071	0.3681	0.33626	-0.02969	-0.08471	-0.02838	-0.03302	0.00948	0.05311
0.57185	1.12702	0.79059	0.15373	-0.04125	0.17442	0.09757	-0.0129	-0.27838
1.01633	1.07337	1.22311	0.04167	0.12631	0.10803	0.00281	-0.16904	-0.09484
0.19934	0.47526	0.43215	-0.11395	-0.01412	0.04361	-0.04968	0.06267	0.09968
1.55798	2.15202	1.88246	0.07355	-0.15487	0.11824	0.10049	0.08072	-0.01317
0.82388	1.77078	1.95473	0.13944	0.03752	0.07755	-0.02209	0.11307	-0.00287
0.31056	0.49229	0.45188	0.09567	0.09752	0.12064	0.13531	-0.07476	-0.09545
0.91447	1.3181	1.20209	-0.05886	-0.03909	0.02328	-0.05197	0.15887	0.10459
0.2507	0.66193	0.54825	0.08936	0.04068	0.13089	0.02716	-0.03417	-0.09836
0.10801	0.89391	0.66271	0.17857	-0.03647	0.0526	0.16161	-0.02785	-0.08392
0.54505	0.93454	0.72724	0.01527	-0.10889	-0.0186	-0.01557	-0.08522	-0.15739
0.95288	1.94833	2.06316	0.34471	0.13432	0.38983	0.26433	-0.07748	-0.08178
0.67113	1.25335	1.39613	0.23079	0.31929	0.16573	0.15408	0.03883	-0.04894
0.82752	1.04933	1.895	-0.20498	0.01925	-0.13944	-0.28362	-0.26315	-0.00732
0.49109	0.67815	0.64148	-0.00456	-0.05924	0.01744	0.02069	0.08858	0.00858
0.39137	1.62778	2.14525	0.14999	-0.03281	0.32798	-0.05977	-0.39072	-0.22184
0.59601	1.22997	1.1507	0.0706	0.23252	-0.02976	0.10075	0.05268	0.15073
0.33147	1.05606	0.59369	-0.31308	-0.2166	-0.10256	-0.19158	0.05891	0.01124
0.32501	0.64783	0.64056	-0.02092	-0.06159	0.04703	-0.02731	0.03557	-0.02884
2.74765	3.8569	3.12655	0.14821	0.27941	0.041	0.26404	0.17948	0.11096

0.66685	0.95947	0.92984	-0.05116	0.13132	0.1206	0.018	0.21975	0.26416
0.19436	0.62972	0.50466	0.0851	-0.23529	-0.01766	-0.05961	0.07317	0.07769
2.26834	2.72217	2.76193	0.24111	0.31269	0.33935	0.25954	-0.02758	-0.05626
0.16538	0.74321	0.9164	0.13297	0.00464	0.05476	0.05445	-0.10811	-0.05075
0.41272	1.56885	2.24893	0.03364	0.06236	0.16323	0.00625	-0.75984	-0.58141
0.54419	0.58639	0.57086	0.07077	-0.22626	0.09735	0.07406	-0.00384	-0.11181
0.73153	1.32766	1.87793	0.05571	0.03183	0.01836	0.04029	-0.09064	-0.12923
0.54953	1.15544	1.08314	0.08094	-0.07137	0.00502	0.01138	-0.01969	0.0158
0.23338	0.50681	0.45153	-0.0784	0.00124	-0.05211	-0.08108	-0.02751	-0.03226
0.35752	0.62256	0.56135	0.03396	-0.02987	0.01706	0.02346	0.0303	0.04052
0.4282	0.52644	0.32608	-0.07089	-0.11711	-0.06284	-0.0729	0.10094	0.01905
0.52928	0.87689	0.89587	-0.01412	0.06318	-0.0503	-0.00589	0.00953	-0.08711
0.5979	1.09792	1.67604	0.0231	0.05319	0.07719	0.05766	-0.07914	-0.00572
0.33198	1.34177	1.12944	-0.08765	-0.26862	-0.02675	-0.0041	0.13072	0.01396
1.02997	1.18812	1.32365	-0.02822	-0.05168	-0.04595	-0.03531	0.0488	-0.05828
0.06165	1.02908	1.03302	0.20257	0.05489	0.07265	0.12756	0.01813	-0.02908
0.39725	0.70024	0.73175	0.0622	-0.15954	-0.03898	3.00E-05	-0.09795	-0.07151
0.43821	0.76253	0.66259	0.11176	0.10727	0.0859	0.11656	0.04496	-0.10397
0.56107	0.55844	0.80177	-0.02759	0.15599	-0.10598	0.11625	-0.1153	-0.10032
0.24435	1.24161	0.9496	-0.05024	-0.20984	-0.05356	-0.09253	0.06338	0.11921
0.58323	0.89916	0.84149	-0.18807	-0.3811	-0.27895	-0.28573	0.01291	0.03476
0.07051	0.81949	1.19851	0.16982	0.19809	0.14109	0.14594	0.02727	-0.03304
0.60306	0.75564	0.55463	-0.02292	-0.11976	-0.00709	-0.09732	0.03755	0.08362
0.76512	0.93692	0.64995	-0.12688	-0.15685	-0.02561	-0.10461	0.11284	0.0721
0.60886	0.87409	1.12318	-0.12719	0.1656	-0.09463	0.10356	-0.13522	-0.11259
1.06753	1.31143	1.33923	0.11666	-0.12817	-0.03213	0.17728	0.127	-0.01174
1.55271	1.72978	1.65621	0.0199	0.07186	0.04953	0.04623	0.1053	0.06726
0.27967	0.81982	0.56734	0.05377	0.26392	0.13357	0.13334	-0.02419	-0.06947
0.35019	1.20848	1.59511	-0.08397	-0.26968	-0.22744	-0.26596	0.03863	0.09151
0.40809	0.88893	0.83239	0.11389	-0.05569	0.0756	0.01578	0.02744	-0.00215
0.99071	1.07776	1.03453	-0.12985	-0.18582	-0.19287	-0.14096	0.01113	0.00769
0.58295	0.91222	0.84416	0.11358	-0.07081	0.07166	0.08431	-0.21221	-0.09541
0.55724	0.96048	0.96178	0.20261	0.32017	0.16566	0.3038	0.03599	-0.18554
0.37181	0.57036	0.54735	0.05283	-0.025	0.02877	0.02111	0.05158	-0.01134
0.4759	1.29163	0.83869	-0.07011	0.02378	-0.12952	-0.11677	0.06798	0.16587
0.18018	1.49953	1.40306	-0.07042	-0.1563	-0.03438	-0.0498	-0.14174	-0.54837
0.14939	1.38487	1.35048	-0.00532	-0.09418	0.06601	-0.02701	0.19466	0.25682
0.71448	0.73975	0.73156	0.00454	0.12721	0.0198	0.02142	0.02801	-0.0303
0.63384	0.82246	0.77986	0.04218	0.1928	0.09862	0.01573	0.00746	-0.03018
0.74301	2.27297	1.73197	0.12299	-0.15417	0.13212	-0.00192	0.18164	0.38664
0.12263	0.64873	0.74034	0.1402	-0.07231	0.01107	0.02495	-0.11679	-0.0881
0.50006	0.7541	0.69117	-0.05203	0.01446	-0.07204	-0.01539	0.04002	-0.04324
0.45424	1.34504	1.39451	0.12914	0.09154	0.11792	0.02055	-0.06531	-0.02612
0.32581	0.89307	1.36298	-0.08345	-0.00603	-0.05825	-0.00915	0.04576	0.1187
0.32308	0.54209	0.5157	0.12527	0.07473	0.1644	0.13339	0.08298	0.03126
0.49287	0.94892	0.67804	-0.10026	-0.24523	-0.11162	-0.14612	0.16926	0.06334
0.55201	0.57733	0.36314	0.08223	0.04256	0.11217	0.04394	0.05508	0.05813
0.51617	0.93842	0.89887	0.0137	-0.15794	-0.10439	-0.02962	-0.29835	-0.07884
0.2479	0.88035	0.89582	0.03409	0.04202	-0.00829	0.07723	-0.0211	-0.06102
0.04429	0.47577	0.67437	0.15955	-0.30744	0.0601	0.12328	0.12812	0.00287
0.67289	0.77222	0.50494	-0.24144	-0.24136	-0.2669	-0.18488	-0.13338	-0.12363
1.83308	1.37223	1.24956	-0.26652	-0.25184	-0.15569	-0.22836	-0.03378	0.0383

0.508	0.73864	0.62565	0.00923	0.1066	0.11363	0.11834	0.18373	0.03117
0.85891	1.20139	1.0438	-0.02524	0.16014	0.00833	0.1255	-0.04585	-0.02907
0.38243	0.56804	0.63029	0.03828	0.16061	0.04725	0.04943	-0.12604	-0.06896
0.30395	0.68755	0.64731	-0.01841	-0.02451	-0.04929	0.00337	-0.02752	-0.05801
0.82052	1.06298	0.99351	-0.21656	-0.18613	-0.15839	-0.21202	-0.15524	0.04585
0.50806	0.72895	0.56032	-0.21043	-0.09459	-0.01914	-0.06202	0.11244	0.06256
0.29404	0.36791	0.46295	-0.07086	-0.02963	-0.09448	-0.11316	-0.04568	-0.00764
0.20203	1.04169	0.88781	0.13103	0.03423	0.04722	-0.06423	0.01192	0.06433
0.4532	1.00155	0.91759	-0.14739	-0.00693	-0.16469	-0.15492	-0.09608	0.04551
0.38572	0.93015	0.62279	0.18119	0.00187	0.17667	0.15225	-0.06198	-0.20352
0.46925	1.1375	1.06769	0.03865	0.02087	0.16413	0.13719	0.10987	-0.05245
0.45143	0.90848	0.90123	-0.23722	-0.05331	-0.11727	-0.22261	0.15931	0.09228
0.43189	0.64992	0.36905	0.05537	-0.21352	-0.06594	-0.03823	0.11434	0.05493
1.29814	1.74101	1.45808	0.38748	0.23344	0.37927	0.38317	-0.14512	-0.28166
0.15788	0.86056	0.72061	-0.06086	0.07718	-0.07593	-0.14663	0.11545	0.07786
0.32762	0.57778	0.42821	0.10621	0.0793	0.10205	0.0179	-0.27597	-0.16334
0.02287	0.90396	0.82889	-0.0022	-0.10718	0.01074	-0.00442	0.06285	-0.00489
0.23739	0.79066	0.61872	0.03454	-0.13738	-0.00798	-0.06659	-0.05435	-0.07212
0.44286	0.56461	0.47918	0.11934	0.05997	0.08648	0.14278	0.04491	-0.07693
0.91139	1.2188	0.86621	0.26986	-0.02937	0.24257	0.26475	-0.07254	-0.09995
0.47745	1.02982	0.80373	0.18508	0.16925	0.13975	0.22998	-0.18108	-0.28962
1.25814	1.65155	1.38845	-0.18589	0.0581	0.01187	-0.10784	0.23879	0.10498
0.32535	0.90337	0.68083	-0.06747	-0.00217	0.01142	-0.07434	0.01421	0.01933
0.48238	0.89765	0.74052	0.07642	-0.17548	0.0069	-0.00882	-0.04814	-0.08058
0.55994	0.65546	0.69986	0.03384	0.05109	0.20396	0.10611	0.03275	0.04213
0.72696	0.9375	0.92094	0.13803	0.00944	0.17157	0.06991	0.13215	0.22128
0.67493	0.95766	0.84742	-0.05973	-0.15313	0.02813	-0.03792	0.07439	0.01348
0.99519	1.40758	0.95972	0.24723	0.11167	0.25257	0.06182	-0.07619	0.00103
1.19277	1.37645	0.76362	0.02876	0.16792	0.11454	-0.09119	-0.02784	-0.14953
0.56071	0.67706	0.50783	-0.06262	-0.18433	-0.02198	-0.05278	-0.00957	-0.09409
0.21742	0.70983	0.47902	-0.06452	0.04831	-0.08455	-0.01679	-0.03589	0.03697
0.30177	0.72321	0.71027	-0.11391	0.00388	0.00462	-0.10586	0.0876	0.10163
0.49969	0.6596	0.62928	-0.02061	-0.1847	0.03593	0.02981	0.09311	-0.00148
0.3857	0.73974	0.64169	0.04335	-0.26509	-0.04109	-0.00127	-0.04868	-0.2252
0.35757	0.71431	0.51243	0.19348	0.31788	0.10943	0.04191	-0.03315	-0.05779
0.2749	0.65934	0.48429	0.0763	0.23706	0.11577	0.12384	-0.04412	-0.18658
0.84107	0.96815	1.3404	-0.01223	0.05311	0.01422	-0.02509	-0.26104	-0.10407
0.24662	0.58482	0.89096	0.09221	0.03222	-0.00316	-0.01786	-0.05929	0.06216
0.45346	1.07232	1.18599	0.13957	-0.23785	0.12039	-0.03046	-0.19432	-0.01914
0.7887	0.93478	0.93694	-0.23941	-0.39213	-0.16295	-0.26085	0.04718	0.23781
0.47197	0.79231	0.97478	0.08206	0.04586	0.04145	0.10149	-0.07856	0.01289
0.2814	0.70434	0.59819	0.0791	0.19048	0.08234	0.03977	0.08414	0.05563
0.63663	0.96527	0.92528	-0.09545	0.03214	-0.05973	-0.00985	0.06419	0.15681
0.5234	0.67972	0.6283	0.0682	0.15959	0.07922	0.05457	0.09954	-0.00316
0.47382	0.56394	0.57427	0.03399	4.80E-04	-0.02667	0.05251	0.02412	-0.01628
0.897	0.79466	0.69923	-0.07638	-0.09591	-0.01304	0.04909	-0.10036	0.14477
0.17509	1.21219	1.17754	0.02021	0.13976	-0.00629	5.80E-04	0.11641	-0.01452
0.49956	0.64998	0.64976	-0.03325	0.01044	-0.02429	0.017	-0.02322	-0.00512
0.30858	0.54268	1.0852	0.00163	0.00127	0.08865	0.04004	-0.02628	-0.09556
0.19815	0.77939	1.14466	0.0308	-0.11688	-0.02963	0.01951	0.0614	0.1212
0.68991	1.36307	1.23635	-0.10277	-0.16621	-0.19832	-0.09877	0.05654	-0.0538
0.46587	0.7661	0.60476	0.05301	-0.19872	0.04984	0.09081	0.02362	0.01803

0.66967	1.41348	1.04605	0.02521	-0.10504	0.05492	0.01166	-0.01314	0.05749
0.16636	0.69835	0.60284	-0.02014	-0.01687	0.02627	0.0166	0.17614	0.15136
0.56257	0.76409	0.82124	-0.08017	-0.07229	-0.06137	-0.10511	0.03933	0.08212
0.25937	1.03463	1.19706	0.05118	-0.05994	0.04882	-0.05265	-0.10285	-0.00173
0.02572	0.92983	0.79247	0.04669	0.13283	-0.05473	-0.12671	-0.1074	-0.15156
1.02708	1.41394	1.32395	-0.18315	-0.28136	-0.43147	-0.22707	0.20171	0.14176
0.44341	1.43782	1.2453	-0.08408	0.04306	-0.07781	-0.09789	0.05674	-0.01525
0.4456	0.74058	0.85668	0.03828	-0.01202	0.04616	0.04096	-0.04647	0.01068
0.57125	1.08848	1.03618	0.13483	0.25391	0.16379	0.13722	0.16331	-0.06243
0.86447	1.39915	1.36165	0.02073	0.02739	0.07086	-0.01801	0.13508	0.02052
0.4743	0.55279	0.68735	0.19143	0.1846	0.16756	0.15364	-0.07235	-0.03305
0.35835	0.74806	0.65994	-0.05322	-0.15487	-0.01003	-0.01499	-0.0848	-0.10786
0.53792	0.7704	0.77265	0.04281	0.03549	0.12662	0.11875	0.20056	0.104
0.5298	0.8647	1.08847	0.1085	-0.39358	-0.16722	0.07778	0.07563	0.16563
0.29109	1.03654	0.66344	0.08964	0.02624	-0.11442	-0.17405	0.15489	-0.09821
0.94723	1.42453	1.07487	0.08063	0.24858	0.04826	0.05071	0.1802	-0.00468
0.7341	1.76399	1.93941	0.04718	0.02255	0.05885	0.01594	-0.12594	-0.05062
1.00291	1.26183	1.0386	0.02429	-0.26002	-0.14139	0.10153	-0.00957	-0.10278
0.00924	0.84372	0.91314	0.14008	-0.26221	0.09429	0.05428	-0.04807	-0.06224
0.63829	0.84229	0.7143	0.04452	0.08992	0.06371	-0.03304	0.20502	0.02474
0.22501	0.64269	0.49928	-8.90E-04	-0.04002	0.09279	-0.02211	-0.05872	-0.01167
0.13154	0.74418	0.96953	0.15548	-0.26449	0.04035	0.03578	-0.15107	-0.12324
0.49861	0.66791	0.66599	0.11037	0.07426	0.09986	0.1074	0.01675	-0.05437
0.55271	1.04723	1.01433	-0.10217	-0.22773	-0.08443	-0.11302	0.20202	0.0259
0.51712	0.73644	0.65246	0.09249	-0.02167	-0.02953	0.0754	-0.05622	-0.04332
0.42615	0.61725	0.67803	0.05063	0.04939	0.01167	-0.00609	0.14148	0.17408
0.23913	0.64988	0.77343	0.12868	-0.11749	0.0586	0.07211	0.12955	0.13016
0.05416	0.79257	0.98048	0.07969	0.16371	-0.01616	-0.06025	0.10937	0.04512
0.82965	0.85061	0.6165	0.02458	-0.03613	0.12812	0.05026	0.12143	0.06579
0.98239	1.89675	2.33666	0.30962	0.31667	0.33113	0.25138	-0.0676	-0.17556
0.58488	0.8863	0.64906	-0.07266	-0.00504	0.06771	-0.00699	0.14183	0.03481
0.20703	0.60459	0.45682	-0.06193	0.01735	0.01357	0.01229	0.20913	0.08752
0.38787	1.12542	0.86301	-0.0603	-0.29627	-0.08844	-0.10767	0.14478	0.03851
0.28721	0.56837	0.54865	-0.08159	-0.12214	0.0587	-0.02497	0.03347	0.08435
0.55955	0.62045	0.53475	0.00276	0.01193	-0.06286	-0.10115	0.04382	0.07752
0.6138	1.1082	1.19808	0.02063	-0.15226	-0.02876	-0.0321	0.02605	-0.05605
0.26497	0.9264	1.33015	-0.079	0.01796	-0.10479	-0.1527	-0.08028	0.07686
0.56954	0.78972	0.71262	-0.04047	-0.03542	0.03235	-0.0467	0.0983	0.05352
0.03619	1.03441	1.04022	0.07719	-0.28451	0.07751	-0.08109	-0.1051	0.01475
0.44241	0.38788	0.52908	-0.09423	0.00402	-0.06931	-0.1076	-0.06282	-0.01796
1.48154	1.87515	1.71879	0.24432	0.25146	0.26262	0.29449	-0.33039	-0.15648
0.71691	0.92467	1.09772	-0.00962	0.10471	0.02911	0.03137	-0.06182	-0.07278
1.07232	1.96057	1.98659	-0.04479	-0.18074	-0.06559	-0.13558	-0.24337	-0.06173
0.08245	0.46579	0.37008	0.06616	0.09666	0.0802	0.02666	-0.02641	-0.09941
0.36612	0.70022	0.55522	-0.02384	-0.26456	-0.02632	-0.1872	0.11651	0.10763
0.1237	0.85145	0.64595	0.19347	0.23834	0.14815	0.11421	0.03468	-0.05576
0.5363	0.80346	0.98236	0.0505	0.19039	0.06832	0.16677	0.03865	0.01876
-0.09945	1.08153	1.46353	0.10908	0.20386	0.03675	0.16314	-0.12422	-0.19898
0.22392	0.49657	0.90926	0.24274	0.17305	0.23638	0.18514	-0.05008	-0.06688
0.77214	0.89702	0.92676	0.30137	0.1226	0.26073	0.26537	-0.01868	-0.01826
0.34716	0.59937	1.3829	-5.10E-04	0.07611	0.00584	0.08979	-0.09086	-0.03647
0.55171	0.81533	0.9054	0.18018	0.22275	0.22798	0.2112	-0.07566	-0.21273

0.60364	0.91757	0.93009	-0.08034	-0.0295	0.02623	-0.0409	-0.11893	0.02584
0.14023	0.75498	1.23409	0.17431	0.08311	0.08061	0.1972	-0.08977	-0.13697
0.36032	0.44504	0.46398	0.02409	-0.00427	0.06341	-0.00607	0.04536	0.07033
0.54029	0.81993	0.64746	-0.1432	-0.08291	-0.10276	-0.0833	0.07199	0.02223
0.37104	0.87406	0.69615	0.1349	0.21765	0.16084	0.07006	0.02538	-0.00388
0.22651	0.62514	0.44962	-0.03065	0.07152	-0.05812	-0.09411	0.06033	-0.00595
0.24895	0.44745	0.25602	0.10359	0.24205	0.10176	0.09888	0.08173	-0.04121
0.36818	0.83921	0.51152	-0.03971	-0.12312	0.11111	0.0372	0.22814	0.09762
0.38818	0.72124	0.64893	0.05377	0.0469	0.00548	0.02746	-0.06704	-0.14664
0.77467	0.88787	0.8079	0.00279	0.07634	-0.04778	0.00422	0.024	0.03207
0.31914	0.81004	0.82992	0.03304	0.03238	-0.00733	0.08607	0.06566	-0.0181
0.57838	1.13038	0.88383	-0.25108	-0.49811	-0.31588	-0.30777	0.03159	0.06205
0.2118	0.6566	0.54204	0.12192	-0.10798	0.10856	0.09924	0.15868	0.17481
0.31337	0.70956	0.61284	-0.03907	0.04054	0.10779	0.08705	0.14562	0.11003
0.18123	0.70709	0.46025	0.08224	-0.04555	0.07549	0.05294	-0.28574	-0.1987
0.12174	1.00032	0.94872	-0.07052	-0.11775	-0.10332	-0.10757	0.2191	0.15575
0.28884	0.67931	0.56441	-0.10533	-0.06231	0.06681	0.00441	-0.02407	-0.19585
0.27997	0.73483	0.99911	0.02189	-0.07417	0.08275	0.03768	-0.08862	0.03818
0.35798	0.77405	0.9563	0.07246	-0.3652	-0.05434	-0.10567	-0.01778	-0.01526
0.08891	0.7333	0.88769	0.02475	-0.07214	-0.06515	-0.1061	0.01182	0.04147
0.29185	1.63283	2.35109	0.41582	0.03862	0.19944	0.07787	-0.13124	-0.04327
0.65361	0.85019	0.81771	0.15791	0.23012	0.14698	0.13236	-0.09198	-0.08885
1.02343	1.75975	1.86889	0.02015	0.21477	-0.1027	9.30E-04	-0.094	0.11213
0.9917	1.17545	1.08884	0.01297	-0.19543	-0.03769	-0.02767	-0.08229	-0.14249
0.42842	0.80554	0.66398	-0.06859	0.10266	0.008	0.03947	-0.01799	-0.01153
-0.02951	0.84548	1.10513	0.19687	0.11504	0.11639	0.13888	-0.00621	-0.01513
0.60577	1.06647	0.99961	-0.22607	-0.15346	-0.1257	-0.16878	-0.1134	-0.1492
0.33593	0.78919	0.63251	0.14973	0.00729	0.08619	-0.01432	-0.10236	-0.102
0.30523	0.81753	0.87522	-0.0431	9.50E-04	-0.1196	0.03843	-0.07629	-0.05394
0.25091	1.05923	0.67755	0.07933	-0.08867	0.01281	-0.04821	-0.1222	-0.10668
0.50169	1.07283	1.51593	-0.12149	0.02381	-0.18132	-0.11122	-0.05327	0.00689
0.50818	1.07276	0.8234	-0.03011	-0.39767	-0.08054	-0.15267	-0.01757	0.13108
0.28453	0.79286	0.77589	0.00169	0.01224	0.12122	0.09078	0.08324	-0.03419
0.25481	0.45511	0.37407	-0.15339	0.05046	-0.06578	0.02745	0.11012	0.11036
0.44252	0.67002	0.81083	0.14426	0.2055	0.14028	0.17987	-0.05041	-0.13968
0.04545	0.75311	0.64391	-0.12516	-0.2636	0.00541	-0.06664	0.11438	0.0576
0.60445	1.32646	1.5012	-0.12353	-0.09953	-0.10685	-0.0367	-0.40522	-0.33119
0.87415	1.54274	1.96646	-0.09792	-0.16974	-0.10521	-0.11336	0.15497	0.16079
0.42421	0.77521	0.7299	0.30027	0.25483	0.23373	0.16086	-0.21217	-0.23301
0.41733	0.9279	1.06125	-0.3303	-0.26753	-0.133	-0.22475	0.07701	-0.16483
0.36281	0.92429	0.9591	-0.13874	-0.40692	-0.15491	-0.16412	-0.09229	-0.03508
0.27153	0.65822	0.48367	0.10157	0.13413	0.04652	-0.0281	0.09741	0.01821
0.90528	0.97631	0.85574	0.11609	0.0183	0.02534	0.05574	-0.05708	0.03215
0.35062	0.54437	0.50181	0.0512	0.07664	0.03774	-0.03823	0.02584	-0.0122
0.77139	1.06614	1.52335	-0.1144	-0.19867	-0.07797	-0.03967	-0.04251	-0.05999
0.21494	0.56608	0.5042	0.14829	-0.12456	0.16219	0.13516	-0.0327	-0.01673
0.21935	0.51243	0.68603	0.04555	0.05175	0.02128	-0.07531	0.03488	-0.18774
0.48233	0.75803	0.55345	-0.05333	-0.02749	0.03831	-0.09504	0.16321	0.09395
0.66634	0.64168	0.66629	-0.10502	-0.0313	-0.01326	0.06388	-0.17787	-0.0438
0.57522	0.78887	0.71528	0.04613	0.06913	0.2126	0.15314	-0.02208	-0.03314
0.3962	0.84827	1.51759	0.11383	0.14955	0.04694	0.15009	-0.06305	-0.07227
0.49462	1.17903	0.82365	-0.0189	-0.13758	0.03199	0.06729	0.08389	0.06918

0.51977	0.61411	0.8996	-0.08492	-0.17993	-0.19784	-0.14931	0.03791	0.02235
0.49118	1.0503	0.92192	-0.04194	0.02403	-0.0429	-0.1109	0.01062	0.0142
0.43752	0.49311	0.40119	-0.11692	-0.04611	-0.10335	-0.1385	0.06705	0.07611
0.50318	0.40719	0.39897	-0.05804	-0.02963	-0.03215	0.05327	-0.17363	-0.19372
0.30345	0.54539	0.56121	-0.09296	-0.08541	0.02138	-0.01778	0.11776	0.00378
0.46761	0.71549	0.63426	0.08949	-0.00918	0.0837	0.03424	0.01324	0.04173
0.17237	0.55502	0.60048	-0.06947	0.08487	-0.00135	0.03576	-0.11802	0.02634
0.29533	1.01557	0.73911	0.02945	0.0804	0.00347	0.00581	0.19811	0.06794
0.29929	0.72121	0.83261	0.05807	0.04868	0.06403	0.05745	-0.13409	-0.14153
0.61804	1.83871	1.73584	-0.06238	-0.19191	-0.29815	-0.10179	0.19182	0.11968
0.25337	0.64046	0.64361	0.01932	-0.18944	-0.02213	-0.03661	0.0294	0.04478
0.11881	0.65982	0.73943	0.08242	-0.14423	-0.00632	-0.03385	0.00431	0.02974
0.12022	0.82248	0.71587	0.07728	0.11262	0.11195	0.03523	-0.00603	-0.06122
0.69722	0.75313	0.65675	0.05185	0.14051	0.07508	0.06962	-0.01507	-0.02217
0.20556	0.43055	0.41416	0.05455	0.09965	0.15621	0.13506	-0.00131	-0.07227
1.23442	1.68796	1.39056	0.01816	0.01573	0.02132	0.0137	0.04037	0.03322
0.32604	0.71422	0.58777	0.09627	0.054	0.07564	0.18092	-0.09838	-0.19828
0.27788	0.51213	0.320207	-0.04494	-0.07711	0.00275	0.01569	0.02237	-0.02429
-0.04337	0.55641	0.68442	-0.08083	0.03204	-0.013	-0.00591	-0.00813	-0.0222
-0.02524	0.62395	0.6795	0.06594	-0.02214	0.03264	0.04288	-0.04143	-0.05318
0.37401	0.84098	0.66025	0.01115	-0.0303	0.07747	0.03778	0.02984	0.00499
-0.03756	0.76931	0.75492	0.15094	0.16237	0.09611	0.10697	-0.08692	-0.1358
0.08015	0.89875	1.07796	-0.15126	-0.02542	-0.20132	0.01431	0.15641	0.08485
0.11691	0.75753	0.49851	-0.02822	-0.30794	-0.07461	-0.11495	0.0568	-0.00202
0.42294	1.22159	0.58735	0.02414	-0.05393	-0.00905	-0.00139	-0.0259	0.02285
0.33126	0.77682	0.77517	-0.23765	-0.37182	-0.27491	-0.27348	-0.19345	-0.15282
0.21239	1.09733	1.2418	-0.19177	-0.23106	-0.06827	-0.14049	0.08428	0.08907
0.67129	1.2306	1.01874	0.1385	0.31439	0.05981	0.18731	-0.11314	-0.16241
0.15656	0.47807	0.48195	0.13175	0.15157	0.13662	0.10789	0.11219	-0.11863
0.3836	0.68438	0.78813	0.05951	-0.04801	-0.00311	0.0296	-0.10745	-0.02974
0.44595	0.51011	0.50365	-0.00845	0.01418	0.05548	0.09343	0.12489	-0.03527
0.44037	0.48908	0.49973	-0.02869	0.04604	-0.00647	0.04003	0.01267	-0.02212
0.51016	0.72487	0.60651	0.20543	0.10312	0.17185	0.12937	-0.12877	-0.01013
0.46919	0.91378	0.64715	0.0467	0.10164	0.03534	0.06216	-0.33108	-0.21288
0.7854	1.50058	1.3406	-0.20588	-0.286	-0.21492	-0.23982	-0.22523	-0.33802
0.80475	0.91057	0.74217	0.14308	-0.06522	0.17241	0.09176	0.19565	0.10515
0.45088	0.52343	0.61481	0.05443	0.17349	0.09461	0.14866	-0.0926	-0.1307
0.36356	0.66283	0.64092	0.03156	0.13434	0.06817	0.07616	-0.04167	-0.00273
0.52348	1.09641	0.67772	0.14565	0.17291	0.11426	-0.00894	0.06344	-0.10305
0.18521	0.41551	0.43887	-0.06389	0.02384	-0.0296	-0.06582	0.14141	0.02557
0.23694	0.52956	0.35842	-0.01676	0.05054	0.10824	0.06225	0.05732	-0.07869
0.15141	0.99943	1.18251	-0.15599	0.02675	-0.02656	0.16104	-0.03955	-0.18104
0.32819	0.59809	0.72723	-0.04497	-0.03664	-0.08435	-0.10418	0.106	-0.00173
0.67562	2.37143	1.61786	0.13311	0.20325	0.09653	0.10196	0.41335	0.53999
-0.06276	0.43375	0.61941	0.12019	0.17304	0.12764	0.0967	-0.06357	-0.12717
0.62531	0.99398	0.91096	-0.17087	-0.12679	-0.0243	-0.06378	0.03881	-0.07375
0.87368	1.20127	1.2343	0.02994	-0.04744	0.08409	0.01291	0.01003	-0.01236
0.12843	0.87896	0.77271	0.21006	0.05486	0.13522	0.14048	-0.27564	-0.18503
-0.06232	0.72814	0.83735	0.0782	0.07863	0.05466	-0.02888	-0.09528	-0.03831
0.15554	1.29001	1.05559	-0.16287	0.01191	-0.06882	-0.29087	0.01365	0.10847
0.47645	0.81619	0.7419	0.01818	-0.0515	0.05304	0.05573	0.15972	0.04065
0.23513	0.65955	0.71119	-0.027	0.00242	0.03777	-0.02441	-0.01045	0.07709

0.09749	0.6089	0.59035	-0.01133	-0.33412	0.01283	-0.10788	0.05542	0.08179
0.62459	0.49294	0.49802	0.04545	0.0833	0.05612	-0.05219	-0.03971	0.02736
0.34666	0.62342	0.49727	-0.02304	0.02847	-4.10E-04	0.02642	-0.03437	-0.03137
1.44394	1.84869	1.51296	0.28567	0.36766	0.34418	0.3391	-0.24564	-0.2752
0.19628	0.628	0.89128	-0.06677	0.21123	-0.04788	0.11921	-0.03201	-0.03999
0.38791	0.66123	0.58507	0.20492	0.17856	0.13536	0.10417	0.05387	0.13478
1.31278	1.54605	1.544	0.08258	0.09836	0.12413	0.14226	0.06099	-0.0043
0.56633	0.76444	0.55933	0.09125	0.06016	0.01377	-0.06125	-0.05726	-0.05076
0.41438	1.00806	0.81031	0.18265	-0.0599	0.08537	0.02024	-0.28489	-0.08884
0.87653	1.77042	1.9122	0.02823	-0.00194	0.05042	-1.50E-04	0.06757	-0.00568
0.41329	0.92958	0.72782	0.15016	0.04425	0.16625	0.2613	0.06093	-0.09859
0.09371	0.40806	0.63192	-0.09782	-0.03758	-0.05792	-0.0633	0.06293	-0.02256
0.05925	0.60723	0.60323	0.1091	-0.00961	0.13049	0.11207	0.12351	1.40E-04
0.34119	1.3986	0.70356	-0.21496	-0.20803	-0.35696	-0.30582	-0.08449	-0.01233
0.63456	1.29169	1.13659	-0.12759	-0.2493	-0.03097	-0.0323	0.12568	0.071
0.03922	0.41939	0.76194	0.04014	0.01722	0.02823	0.01694	-0.10971	-0.03246
0.33034	0.59121	0.57513	0.15612	0.09144	0.11397	0.12192	-0.01472	-0.04648
0.37195	0.48202	0.37832	0.059	-0.02877	0.07257	0.04943	0.05437	0.00473
0.33502	0.4262	0.48263	-0.10743	0.08333	-0.0461	0.03486	0.08611	0.10347
0.36531	0.67174	0.70355	0.0652	0.05166	0.07406	0.09578	0.05389	0.05212
0.19024	0.89808	0.92954	0.07036	-0.22531	-0.12832	-0.03056	0.0353	0.03212
0.81655	0.91164	0.92125	0.11573	0.15178	0.14805	0.25354	0.13626	0.06946
0.6562	1.32571	1.0534	0.21386	0.2839	0.18595	0.28902	-0.21747	-0.34722
0.59202	1.53422	1.40474	0.21243	-0.05043	-0.03824	-0.09718	-0.38818	-0.0818
0.28443	0.44486	0.44904	-0.17388	-0.2667	-0.0594	-0.03641	0.16197	0.06346
0.62467	1.02569	0.52408	0.02434	-0.08891	0.04668	0.10287	0.1694	0.01302
0.51082	0.58474	0.5291	0.06554	-0.01289	0.088	0.08098	-0.11734	-0.09184
0.35366	0.66704	0.67663	0.24752	-0.05139	0.18183	0.25782	-0.09168	-0.28865
0.16488	0.49563	0.43673	0.0857	0.11483	-0.22589	0.02499	0.03674	0.01344
0.28578	1.51858	1.79369	0.11884	0.32186	0.11795	0.31873	-0.23865	-0.38896
0.69704	0.90522	0.92052	-0.11512	-0.10609	-0.09633	-0.12957	-0.01748	-0.00524
-0.12432	0.85159	0.98177	0.25056	0.03057	0.12528	0.04104	-0.16254	-0.11216
0.39624	0.47014	0.31866	-0.03751	-0.05445	0.0687	-0.04694	0.04666	0.09639
0.34033	0.61434	0.53463	0.02274	0.13929	0.01535	-0.01618	-0.03866	-0.06065
0.29847	0.71832	0.63497	-0.06401	-0.01231	0.0053	0.04306	0.04206	-0.05258
0.57068	0.76573	0.55082	0.06051	-0.17404	0.04188	-0.00479	-0.00442	0.02082
1.39033	2.41395	2.15109	0.13466	-0.2323	0.08709	-0.1778	-0.11212	0.0476
0.35279	0.75343	0.52309	-0.19392	0.0172	-0.01239	-0.06462	0.13505	-0.02441
0.26414	0.42513	0.41343	-0.1153	-0.10913	-0.0906	-0.04444	0.00348	0.02891
0.06526	0.5971	0.79119	-0.12632	0.11804	-0.14728	-0.06679	0.14301	-0.04697
-0.06864	0.72879	0.61045	0.05691	-0.07061	0.08274	0.00547	0.06997	-0.12502
0.40004	0.67849	0.71838	0.0583	0.06098	0.07788	0.03482	-0.01645	-0.07364
0.13182	0.63059	0.57556	0.05551	0.01501	0.09432	0.05723	0.01105	0.01602
0.26655	0.61005	0.676	-0.17244	-0.07511	-0.19004	-0.15349	0.12395	-0.02408
0.15372	0.38209	0.34542	-0.17119	-0.0148	-0.16378	-0.16363	-0.00573	-0.09329
1.36367	2.32518	1.59751	0.41433	0.13284	0.25535	-0.02698	-0.72614	-0.17601
0.58297	1.27252	1.17255	0.3662	0.41631	0.37537	0.26174	-0.03143	-5.20E-04
0.21901	0.42967	0.18759	0.03122	0.05163	0.0084	0.02787	0.09396	0.04678
0.21406	0.67165	0.82755	-0.03134	-0.18257	0.01525	-0.00994	0.08009	0.03025
0.46452	0.73473	0.77226	0.0937	0.25688	0.07333	0.18683	-0.18299	-0.16673
0.72281	0.86655	0.90662	0.10093	0.19055	0.1412	0.13136	-0.02181	-0.01218
0.25258	1.32812	1.26642	0.10334	-0.0125	0.00706	0.12289	0.07819	0.18615

0.4992	0.55146	0.59984	0.14915	0.15029	0.08599	0.16196	-0.13859	-0.15403
0.57564	2.10683	2.04826	0.35334	0.22877	0.03013	0.51517	-0.09065	-0.1123
-0.12959	0.83057	0.97758	0.13324	0.23953	0.11315	0.15834	0.05473	-0.124
0.47167	0.50335	0.4988	-0.15002	0.07346	-0.05762	-0.02705	0.0757	0.13884
0.37392	0.41986	0.59551	0.13103	0.10416	0.09152	0.1315	-0.09677	-0.05247
0.40079	0.49987	0.37211	-0.04329	0.02477	0.00303	0.0678	0.14848	-0.03552
0.49704	1.39032	1.66578	0.08328	0.16504	0.14337	0.08623	-0.04501	-0.09687
0.29364	0.38492	0.2307	0.03906	-0.01351	0.05088	0.02636	-0.00323	-0.03186
0.20805	0.73152	0.97166	0.00968	0.13842	0.09585	0.08059	-0.14064	-0.08232
0.66777	0.89448	1.03202	3.00E-04	-0.02376	-0.04418	0.01821	-0.46108	-0.19096
0.53233	1.0327	0.96547	-0.19101	-0.13414	0.09732	-0.12126	0.26083	-0.03692
0.05653	0.521	0.4225	-0.08985	-0.0466	-0.16525	-0.15312	0.00777	-0.09705
0.64302	0.78615	0.781171	0.03823	0.15992	0.11746	0.059302	0.05079	-0.0853
2.72739	2.80439	2.89679	-0.63145	-0.55741	-0.5519	-0.56849	0.51098	0.43366
0.57087	0.88062	0.7377	-0.2033	-0.10129	-0.12258	-0.09509	0.11063	-0.05083
0.54995	0.65562	0.86729	0.18548	-0.05513	0.12187	0.15928	0.02034	-0.08672
0.20931	0.69934	0.57027	0.0532	-0.07806	-0.08964	-0.07565	0.08907	0.02189
0.34742	0.48012	0.55398	-0.01056	0.07247	0.03118	0.02602	-0.01525	-0.06053
0.56385	1.0254	1.11057	0.24141	0.12265	0.24959	0.30099	0.07269	-0.2358
0.29235	0.59609	0.71457	0.05034	-0.0176	0.022	0.05288	0.10912	0.07799
0.41508	0.46425	0.27375	-0.07012	0.08348	0.04228	0.03391	0.21251	0.1272
0.34526	0.44294	0.33123	0.06805	-0.00336	0.12929	0.16591	0.27104	0.1112
0.36015	0.74714	0.89486	0.0352	0.02058	0.02143	-0.12544	-0.09667	0.14235
0.47797	0.79536	0.62895	0.11421	0.04746	0.18613	0.10154	0.0249	-0.05662
0.37887	0.50907	0.6017	0.05806	0.06531	0.04485	0.10953	-0.00962	0.04322
0.16199	0.96467	0.75139	-0.01344	-0.17393	-0.0426	-0.07774	0.15647	0.02717
0.44164	0.57772	0.42292	-0.03999	0.0628	0.15631	0.05711	0.18084	0.11291
0.30936	0.46947	0.45592	-0.09458	-0.01366	-0.02673	0.01702	0.03554	0.03421
0.2484	0.42703	0.6037	0.0775	-7.00E-05	0.01608	0.04972	-0.05637	-4.60E-04
0.15204	0.52996	0.49881	0.06388	-0.32388	0.00996	0.06275	0.2715	0.10594
0.47251	0.7882	0.95923	-0.13076	-0.36834	-0.12957	-0.20485	0.09899	-0.04643
0.7884	1.13341	1.09786	0.01881	0.11981	0.061	0.00867	-0.05331	-0.03421
0.5133	0.95572	0.77252	-0.00843	-0.00999	0.01179	-0.05893	-0.01528	0.16108
0.63807	1.20546	0.94361	0.23557	0.06603	0.36352	0.25573	-0.00103	-0.03231
0.1925	0.83509	1.05295	0.07467	-0.34157	0.0511	0.08091	-0.00221	0.09158
0.73122	0.79507	0.93422	0.11453	0.28574	0.16734	0.15541	0.01134	0.01558
0.80447	1.51409	2.71469	0.17851	-0.0541	0.10868	0.17144	-0.11329	-0.12974
0.27907	0.929	0.63777	-0.03309	-0.16718	0.00207	-0.06542	-0.01497	0.1078
-0.23807	0.82477	0.60821	-0.09017	-0.05206	0.02786	-0.08884	0.16709	0.12755
0.0535	0.58935	0.5357	0.07266	0.12376	-0.07562	-0.0118	0.07397	-0.04176
0.92914	1.05401	0.92405	0.39968	0.24305	0.34267	0.34734	-0.21731	-0.16238
2.82739	2.8441	3.13069	-0.72684	-0.80744	-0.77717	-0.72329	0.48326	0.4604
0.30244	0.57189	0.47434	-0.01013	0.01217	-0.03247	-0.14127	-0.01187	-0.0579
0.08424	1.20445	1.17911	0.02917	-0.06257	-0.04245	-0.0649	-0.03105	0.03296
0.16552	0.68831	0.7874	-0.0691	-0.12961	-0.10546	-0.22197	-0.04895	-0.12016
0.46008	0.73749	0.76777	0.06352	-0.10272	0.05834	0.09738	0.04079	-0.15644
0.54678	1.36534	1.81214	-0.15653	-0.13193	-0.09931	0.05346	0.01121	-0.07751
0.45419	0.55047	0.51406	0.03431	0.09799	0.0103	0.00985	-0.0074	-0.04358
0.27467	0.70508	0.55699	0.03737	-0.32535	-0.07448	0.0053	0.04264	-0.06612
0.13699	0.63428	0.85824	0.11526	0.18999	0.09143	0.18594	0.00713	-0.02596
-0.12873	0.90266	0.61949	0.09388	-0.01463	0.0201	-0.07131	0.04822	-0.12682
0.57827	0.50843	0.52001	0.02688	0.07602	0.04556	-0.01786	0.0604	0.03816

0.49267	1.27648	1.01919	0.1151	0.10014	-0.01453	0.00145	0.0915	0.20613
0.44858	0.8965	0.65151	-0.04576	0.24588	0.0637	0.00942	-0.07167	0.0293
0.1854	0.6228	0.56929	0.12151	0.01173	0.09499	0.00169	-0.07119	-0.04247
0.0237	0.68314	0.67314	-0.07759	-0.05066	-0.14072	-0.0627	-0.01746	-0.1141
0.31999	0.53497	0.52021	0.03809	-0.19087	0.00335	0.03888	-0.00583	-0.14064
0.37843	0.91165	0.6762	0.09345	0.17276	0.13915	0.03161	0.00354	0.04249
0.09926	0.34596	0.47459	0.10764	0.04237	0.06746	0.08744	0.02059	0.01473
0.25461	0.80659	0.59447	0.07302	0.10705	0.04682	0.19853	0.0391	-0.11305
1.99714	2.34116	2.10698	0.30406	-0.35993	-0.16168	0.05686	-1.20611	-1.20377
0.05979	0.70907	0.81586	0.0887	0.01706	0.05247	0.12456	-0.0368	-0.14065
0.29828	0.65998	0.61297	0.17836	0.11263	0.11862	0.10818	-0.02979	0.05734
0.11161	0.58399	0.35669	-0.01125	0.10344	0.02143	-0.06698	-0.00124	-0.08012
0.23482	0.33101	0.48772	0.06065	-0.00622	0.01391	0.01417	-0.27467	-0.06209
0.95853	1.70008	1.6115	0.39683	0.26034	0.40051	0.4566	-0.10261	-0.25209
-0.17565	0.77125	0.68152	-0.05032	0.10778	-0.01994	-0.00572	0.10963	0.17289
-0.04268	0.48398	0.59666	0.20394	0.24232	0.20296	0.21817	-0.11216	-0.08358
-0.23999	0.8186	1.01158	0.16366	0.05888	0.12712	0.12019	-0.08019	-0.02306
0.57802	1.01071	0.78583	-0.08774	-0.10658	-0.05728	-0.09885	0.31689	0.12468
0.31862	0.45414	0.39186	0.00165	-0.26831	0.04511	-0.01837	0.12556	0.11178
1.45358	1.89291	1.67164	0.39551	0.20113	0.24956	0.04564	-0.23929	-0.35405
0.50032	0.81074	0.83024	0.08077	0.07681	0.02247	0.04624	-0.00491	0.02351
0.47125	0.90237	0.34249	-0.08579	0.04556	0.15351	-0.04401	0.02892	-0.03625
0.57012	1.50439	2.30389	0.15442	0.16651	0.17553	0.13901	0.07041	0.11716
0.28037	0.52197	0.57303	-0.03231	0.01375	0.02839	-0.04598	0.15574	0.09
0.09018	0.64474	0.6394	0.21421	0.21059	0.24422	0.19584	0.11252	0.06974
0.64253	0.59358	0.59848	-0.05808	-0.15983	-0.06089	-0.01621	0.11956	0.02003
0.43651	1.12024	0.66877	0.01263	0.13333	0.14434	0.04006	-0.36943	-0.32333
-0.08292	1.28763	1.20351	-9.10E-04	-0.01189	0.04863	-0.08986	-0.01712	0.07186
0.60807	0.89925	1.24169	-0.10586	-0.01888	-0.10831	-0.12462	-0.10456	0.08457
0.55369	0.44037	0.38952	-0.02658	0.00941	0.05417	0.03455	-0.02003	0.01062
0.77595	1.51714	0.69964	0.34296	0.03697	0.29508	0.12575	-0.30652	-0.30071
0.33694	0.83345	0.73302	-0.01444	-0.0252	0.11324	0.0205	0.14437	0.13287
-0.13954	0.74578	0.59548	-0.03327	-0.07121	0.02581	-0.09153	-0.00446	0.02912
0.50544	0.95972	1.32926	0.09577	-0.08522	0.01912	0.002	-0.13617	0.00593
-0.1161	0.53641	0.50811	-0.10196	-0.02563	-0.1143	-0.02035	0.08087	-0.03591
1.16676	2.43855	3.25508	0.38396	-0.30931	0.16348	-0.05177	0.2036	-0.22215
0.76723	0.89942	0.88471	-0.03652	0.03677	-0.00738	-0.0524	-0.04878	0.09084
0.15033	0.64394	0.81368	-0.04314	-0.12845	-0.04261	-0.06127	-0.06327	-0.08663
0.01023	0.54435	0.46325	0.10566	0.13978	0.12317	0.11371	-0.00567	-0.03531
0.03359	0.39943	0.75545	0.03397	0.11189	-0.01679	-0.00814	-0.00566	0.0295
0.24308	0.57039	0.54388	8.20E-04	0.11568	-0.03265	0.07507	0.0445	-0.05956
0.65041	0.80954	0.55035	-0.02992	-0.02139	0.08982	0.02419	-0.15362	-0.05998
0.27224	0.61678	0.53529	0.04778	0.00577	0.08594	0.03759	-0.15942	-0.08561
0.43678	1.40331	1.51104	0.01268	-0.09592	-0.04488	-0.01564	-0.01842	-0.12427
-0.08345	1.0179	1.05638	0.05611	0.00192	0.13828	0.02846	-0.15114	-0.03541
0.30615	0.95319	1.02257	0.12112	0.0867	0.04353	0.09129	-0.06394	-0.01539
0.773	1.15625	0.99075	0.10128	-0.44088	-0.10919	-0.06981	-0.2172	-0.12064
0.95843	1.23477	1.37409	-0.15327	-0.0103	-0.01956	-0.06806	0.19234	0.14356
0.15504	0.32453	0.28016	0.11189	0.06151	0.07392	0.10662	0.15385	0.00542
0.8318	1.09687	0.26412	-0.08646	0.01066	-0.05884	-0.02215	0.03463	0.04518
0.25391	0.49906	0.50281	0.01862	0.15617	0.09731	0.02922	-0.01672	-0.10793
0.54567	1.77367	2.56013	0.13121	-0.01718	-0.1931	-0.09508	-0.27084	-0.00182

-0.3283	0.79426	1.07087	0.13669	0.02937	0.08898	0.05158	0.02219	-0.0505
0.1541	0.68364	1.67694	0.22586	0.18802	0.06371	0.18993	-0.24926	-0.22128
0.12897	0.78542	0.49901	-0.24974	-0.21338	-0.04794	-0.06314	0.26905	-0.02992
0.04291	0.47094	0.40689	-0.18923	0.0053	-0.05036	-0.15458	0.15786	0.11423
0.8499	0.85607	0.96507	0.02417	0.04174	-0.06554	0.00783	-0.0947	-0.06551
0.25697	0.75881	0.48199	0.07812	-0.07659	0.05759	0.009	0.08212	0.05454
0.2127	0.67843	0.89371	0.08169	-0.09778	0.01639	-0.07529	-0.00802	-0.01324
0.10518	0.54926	0.47173	-0.09308	-0.00982	0.01601	-0.03434	0.05651	0.06988
0.13429	0.8428	0.9233	0.02819	-0.01633	-0.0452	0.02275	-0.19869	0.027
0.54898	1.07904	2.30711	-0.03363	-0.09413	0.06371	0.08709	-0.4879	-0.21274
0.97285	0.9263	0.95297	0.05316	-0.03458	0.18012	0.16706	0.17546	0.11302
0.62417	1.82636	2.48865	0.03958	0.00833	-0.00139	-0.01681	-0.1441	-0.00388
-0.00897	0.58774	0.53535	0.00969	-0.13508	0.01812	-0.00208	-0.06279	-0.15184
0.36029	1.30652	2.15268	0.14609	0.20828	0.083	0.10289	0.06414	0.11971
0.16134	1.02163	2.32624	0.13617	-0.0484	0.03739	0.03141	-0.17118	-0.26981
0.15998	0.62546	0.71519	-0.0981	0.17352	-0.07324	-0.10291	0.06894	0.10311
0.23428	0.45544	0.49033	0.10113	0.16406	0.05689	0.07351	-0.05189	-0.00764
-0.12268	0.54927	0.61254	0.09146	-0.00784	0.00729	0.08566	-0.10845	-0.01679
0.04306	0.74132	0.62922	0.14814	0.03895	0.23309	0.00772	-0.07394	-0.11571
0.34486	0.66758	0.3654	0.16806	0.15166	0.03828	0.03936	0.25166	0.04194
0.40973	0.70328	0.58494	-0.0099	-0.15318	0.06412	0.04425	0.08042	0.07556
0.2936	1.09753	1.65143	0.14096	-0.0225	0.10577	0.00288	-0.23015	-0.15017
0.30313	0.48119	0.55494	0.06848	0.1844	0.04343	0.05959	-0.02142	0.1026
0.37631	0.62722	0.73831	0.05806	-0.06153	0.04596	0.05936	0.0595	-0.01167
1.62526	1.82778	1.79985	0.1355	0.05257	0.07378	0.01874	-0.51504	-0.41583
0.41157	1.07165	0.96636	-0.11006	-0.04115	-0.08586	-0.04157	0.0901	0.10477
0.50233	0.9394	0.66688	-0.11135	-0.02981	-0.02277	0.05968	-0.13116	-0.01863
1.3661	0.5401	1.08864	0.321	-0.56049	-0.53943	-0.20001	-0.31552	-0.09711
0.23068	0.3544	0.59108	0.15593	0.15163	0.12562	0.04507	-0.09928	-0.11017
0.40081	0.38831	0.82195	0.00341	0.04208	-0.05314	-0.00196	0.03516	-0.02019
0.28797	0.43831	0.48996	0.03442	-0.03993	0.02344	0.00354	-0.02034	0.04757
0.59472	0.94603	0.76092	-0.08236	-0.07857	0.07711	-0.07821	0.10609	0.11177
0.72786	0.86562	0.83338	5.60E-04	0	0.19206	0	0.05356	-0.02662
-0.07817	0.56158	0.72981	0.0295	-0.04405	0.05126	0.04976	-0.03656	-0.02107
0.31644	0.79006	0.91276	-0.20564	-0.08906	-0.1353	-0.07517	-0.01396	0.09105
0.06338	0.35228	0.17982	-0.10543	-0.07466	-0.0629	-0.09995	0.10144	0.03698
0.42297	0.27521	0.21401	0.04337	-0.08024	0.0136	0.07394	0.12669	-0.05793
0.04323	0.39828	0.26977	0.03062	0.13498	0.07199	-0.06363	0.05822	-0.03798
0.1624	0.89108	0.63041	0.04258	0.15136	0.0099	-0.03644	-0.02811	0.14383
0.88951	1.56673	1.25924	-0.09704	-0.13872	-0.19644	-0.23691	-0.62247	-0.55281
0.95637	1.22784	1.04455	-0.31413	-0.35014	-0.30426	-0.30034	0.26447	0.09606
0.12081	0.3502	0.61476	0.03423	0.15453	0.02669	0.0619	0.00664	0.00576
1.04088	1.34698	1.06898	0.0432	-0.17716	0.07069	0.00431	0.08339	0.12079
0.0974	0.57643	0.56841	0.00894	0.04055	-0.05359	-0.06163	0.08808	-0.13002
0.29158	0.71632	1.31415	-0.01183	-0.11609	-0.29368	-0.30566	0.1489	0.09573
0.18965	0.69864	0.45168	-0.03987	0.13467	0.03574	-0.0318	0.15791	0.07133
0.50996	0.48444	0.42094	-0.08587	-0.11263	-0.02312	0.03454	0.26201	0.03645
0.5021	0.6613	0.45946	0.09082	0.07303	0.09135	-0.03923	-0.00238	-0.12491
0.48491	0.44596	0.44381	-0.00962	0.0598	0.08803	0.00334	-0.06308	-0.0246
0.66529	0.82582	0.91257	-0.11994	-0.0383	-0.14422	-0.13289	-0.15323	0.00239
0.94697	1.78025	1.52091	0.09311	-0.252	-0.01937	0.0618	0.07179	0.16923
0.20033	1.09699	0.8608	-0.07003	-0.24174	0.08958	-0.0087	-0.17548	-0.06692

0.22697	0.51897	1.11864	0.38833	0.2779	0.25617	0.30145	-0.34022	-0.25408
0.0838	0.87986	0.64051	0.14002	0.12709	0.07226	0.01388	-0.04329	0.07151
0.32659	0.59229	0.31209	0.08113	0.04886	0.05525	0.07706	-0.0677	0.03084
-0.10952	0.4725	0.47698	0.13235	0.0484	0.0689	0.0036	0.0813	-0.00421
0.797	1.16439	1.41273	-0.12005	-0.14218	-0.08285	-0.19015	-0.10946	0.0176
0.35725	0.66766	0.65814	0.00952	-0.1377	0.08008	0.09779	-0.04466	-0.05342
0.06395	0.50057	0.80613	0.11751	0.15372	0.06633	0.09668	0.04549	0.12395
0.41353	0.65382	0.39559	-0.04038	0.13426	-0.04477	-0.00963	-0.00199	-0.0931
-0.22213	0.65571	0.89695	0.1373	0.03002	0.05291	0.21258	-0.07636	-0.03481
0.52103	0.83134	0.53597	0.13406	0.01074	0.16683	0.10846	0.03654	-0.05873
0.55169	0.86701	1.41545	-0.24452	-0.25086	-0.24525	-0.24517	0.09301	0.06247
0.55601	0.68336	0.46918	0.02939	-0.04098	0.12179	0.10399	0.08227	0.043
0.20599	0.88403	0.73333	-0.09075	0.02929	-0.21418	-0.04838	0.18167	0.11141
0.09144	0.51812	0.40976	-0.06552	-0.2757	-0.02356	-0.03826	0.07681	0.03405
0.27337	0.88682	0.6325	0.24823	0.18202	0.2876	0.15448	-0.03196	-0.14091
0.06903	0.5342	0.63154	0.12287	0.10521	0.15134	0.0997	-0.08009	-0.14805
0.42274	0.62912	0.50892	0.08221	0.23155	0.16964	0.11678	0.06134	-0.03789
1.05982	1.47443	0.0441	-0.06447	-0.04073	0.26646	0.07288	-0.15102	-0.17687
0.19207	0.97864	1.40129	0.28591	0.10307	0.2117	0.23226	-0.01152	0.27119
0.28977	0.89862	1.33077	0.08896	0.00237	-0.0557	0.07089	-0.09868	0.00714
0.61504	1.04351	1.28665	0.22562	0.17683	0.25887	0.29754	-0.16833	-0.26631

m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
0.00337	0.00469	0.00217	-0.01111	-0.0232	-0.03147	0.03106	0.07666	0.07648
-0.0905	-0.14816	0.17557	0.1981	0.21564	0.25855	0.21583	0.23572	0.2371
-0.00678	-0.06463	0.03221	0.12176	0.08272	0.09253	-0.01405	0.04387	0.01192
-0.02353	-0.03227	0.0281	0.06432	0.09332	0.10646	0.03499	0.01625	0.02668
-0.05181	-0.10468	0.03903	0.02621	0.02981	0.04587	-0.05032	0.03731	-0.08438
0.07544	-0.07373	-0.06809	-0.04997	0.0554	-0.0174	-0.05781	0.04568	-0.04385
0.03397	0.0121	0.07922	0.0639	0.06001	0.03949	0.03265	0.02512	0.01543
-0.02446	-0.04099	0.03512	-0.0046	0.07009	0.02353	-0.02186	-0.03327	-0.02983
-0.10693	-0.09839	-0.00355	-0.02574	0.0437	0.04754	-0.1545	-0.15747	-0.15351
-0.01042	-0.10726	0.13352	0.24349	0.18735	0.19428	0.19645	0.13868	0.15027
-0.01515	-0.03814	-0.01452	0.02533	0.04081	0.06595	0.03175	0.06249	0.05293
0.09322	0.07242	-0.21969	-0.17052	-0.12879	-0.1567	-0.00825	0.00519	0.03991
-0.29832	-0.34311	0.28516	0.24781	0.23725	0.2743	0.33755	0.27905	0.3136
0.03005	-0.04059	0.06834	0.09653	0.08429	0.0746	0.07174	0.06122	0.11951
-0.09604	-0.0475	0.01049	0.0169	-0.10457	-0.01694	0.07928	0.08901	0.02939
-9.00E-04	-0.07053	0.14566	0.18818	0.11139	0.18543	0.12545	0.19797	0.13264
0.10157	-0.06217	0.05399	-0.01019	0.0679	0.02457	-0.0078	0.04712	-0.01208
-0.30601	-0.29521	0.07272	0.2821	0.23431	0.29352	0.06128	0.10413	0.18659
-0.19782	-0.2482	0.11896	0.17638	0.12462	0.11797	0.08049	0.16539	0.0781
0.15409	0.0717	0.04944	0.02008	0.04379	0.02812	-0.09526	0.01978	-0.13621
-0.12691	-0.25743	-0.29674	-0.14831	-0.23787	-0.26306	-0.02435	-0.00724	-0.06523
0.05906	-0.05841	-0.09143	-0.06384	-0.0417	-0.16462	-0.00832	0.02534	-0.10751
-0.04616	-0.19103	-0.13609	0.07089	-0.05446	0.01605	0.24266	0.2107	0.16527
0.04596	-0.06872	0.18515	0.12866	0.21825	0.18665	-0.04425	0.05521	0.0113
0.16785	0.06637	-0.09665	-0.09331	-0.03563	-0.02519	-0.04484	-0.03843	-0.04491
0.06825	-7.80E-04	-6.50E-04	0.03874	0.03579	0.02915	-0.02151	0.04077	0.04251
0.01874	-0.01186	-0.01178	0.06049	0.03872	0.06097	-0.02122	-0.00379	0.01584
-0.17295	-0.33923	0.09554	0.07585	0.03353	0.21403	-0.02314	-0.00797	-0.0494
-0.16645	-0.26426	-0.03544	0.07897	-0.06097	-0.07333	0.04501	-0.00674	-0.04613
0.02746	-0.00891	0.08854	0.04874	0.16024	0.08872	-0.07224	0.09805	-0.06031
-0.02598	-0.09307	0.04169	-0.08229	0.0556	0.08626	0.04435	0.0722	-0.09821
0.05259	0.01673	0.01139	0.03486	0.01669	0.06354	0.09988	0.03287	0.04216
-0.04341	-0.05889	0.03651	8.80E-04	0.03337	0.06813	-0.06707	0.04683	0.00591
0.09936	-0.06925	-0.05598	-0.00261	0.01232	0.05501	0.15293	0.15951	0.12042
0.0281	-0.02668	0.07051	-0.10931	0.07209	-0.04257	-0.05827	0.03338	-0.03541
0.03094	0.04962	0.08131	0.09301	0.02708	0.07444	0.00799	0.0301	0.05142
-0.01684	-0.03153	-0.1319	-0.10044	-0.06824	-0.10448	-0.24087	-0.27026	-0.24996
0.028	-0.00471	0.11482	0.06398	0.06821	0.10755	-0.02714	0.06528	0.05689
-0.0909	0.01583	0.05242	0.08295	-0.03878	0.11798	-0.0543	0.01666	0.0132
0.14515	0.03635	-0.05066	0.07692	0.05694	0.0373	-0.00935	0.02565	0.05835
0.03018	-0.11069	0.03301	0.13349	0.15877	0.13113	-0.06378	0.07287	0.04584
0.0952	0.09369	0.07632	0.02506	-0.00538	0.04587	-0.00253	0.09287	0.08257
0.06748	-0.08035	0.07014	0.04214	0.16818	0.10406	0.01546	0.14125	0.0671
-0.01515	2.10E-04	0.00763	-0.03367	-0.04675	-0.01667	-0.17271	-0.10462	-0.13921
0.04738	-0.06332	0.04603	0.1378	0.16907	0.13678	0.00797	0.0405	0.08335
0.05587	0.00757	-0.05659	-0.048	0.07324	-0.04496	-0.04175	-0.00426	-0.04464
-0.3884	-0.14727	-0.12081	0.05561	0.04028	0.09374	0.17508	-0.03262	0.22577
2.40E-04	-0.07928	-0.1131	0.04708	-0.13007	-0.06702	-0.08809	-0.12066	-0.0711
-0.08633	0.00319	-0.06232	-0.03226	-0.0257	-0.01948	-0.00689	0.03756	-0.00258
0.03476	-0.03988	-0.01023	-0.0657	-0.02835	-0.06106	-0.01848	-0.04771	-0.0632
0.04139	-0.01381	-0.1146	0.11987	0.02357	0.04744	0.05093	0.058	0.07281

0.05303	-0.11213	0.10321	0.19681	0.2261	0.19397	-0.02646	0.0967	0.0743
-0.02711	0.02998	0.0285	0.00424	0.02251	0.01304	-0.01248	0.05625	0.01696
-0.02573	-0.13568	0.09985	0.09466	0.14971	0.13373	0.04445	0.13822	0.07778
0.10305	-0.02886	0.07033	0.06904	0.12793	0.08687	-0.06882	0.05206	-0.03022
-0.04614	-0.14877	-0.39744	-0.34177	-0.44123	-0.44076	0.656	0.49866	0.40224
-0.06407	-0.05554	-0.08521	0.06598	-0.01835	0.00652	0.11746	0.08711	0.10469
-0.04065	-0.05811	-0.01696	0.0487	0.08095	0.04134	0.0446	0.07555	0.0794
0.02995	-0.07314	0.15439	0.1454	0.23811	0.16201	-0.07331	0.04659	0.01126
-0.06617	-0.03064	-0.03379	-0.00655	0.02125	0.09193	0.07083	0.01483	0.02683
0.0496	1.30E-04	-0.04284	-0.02998	-0.0798	0.02231	0.03405	0.02968	0.04843
0.08552	-0.12156	-0.04936	-0.05321	0.0366	-0.02772	-0.00839	0.04238	-0.05492
-0.00607	-0.09568	0.0667	0.11408	0.15396	0.13497	0.0025	0.02701	0.03374
-0.0842	0.01297	0.16133	0.14454	0.08575	0.15195	0.09191	0.15994	0.20331
0.14818	0.03402	0.00398	-0.02386	-0.04519	0.17539	-0.09112	-0.16644	-0.02635
-0.01682	-0.01442	-0.01852	-0.08503	-0.04417	-0.02124	-0.08364	-0.07606	-0.18906
0.09661	-0.08825	0.11733	0.12827	0.16212	0.1133	-0.07245	-0.00839	-0.01489
0.0196	0.03263	-0.06777	0.00297	-0.00197	-0.00537	0.08753	0.03629	0.13275
0.09327	-0.0602	-0.0118	0.01772	0.06461	0.02903	-0.03254	0.04631	-0.0356
0.09731	-0.07512	0.05936	0.08145	0.15492	0.09577	-0.10007	0.05946	-0.0559
0.11481	-0.05485	0.14305	0.12639	0.22	0.08806	-0.06589	0.07511	-0.01833
-0.11054	-0.15178	0.06086	0.1781	0.06139	0.12443	0.12072	0.17807	0.15369
0.0714	0.05105	-0.05449	-0.05911	-0.06761	-0.02201	-0.05486	0.01434	-0.12527
0.17189	0.10808	0.00962	0.0033	0.06467	0.06882	-0.06217	-0.0838	-0.06404
-0.08881	-0.11722	0.10072	0.14189	0.11154	0.14146	0.13965	0.19778	0.16727
0.02798	-0.02613	-0.03941	-0.06791	-0.13198	-0.06783	-0.07232	-0.03794	-0.16022
0.11331	-0.051	0.0966	0.07493	0.18876	0.09533	-0.08874	0.02533	-0.04334
0.14745	0.035	-0.0274	-0.02703	0.00257	-0.01509	-0.05898	-0.03061	-0.01249
0.0104	0.05291	0.05313	0.02116	0.10945	0.04058	-0.05206	-0.04003	0.00532
-0.00879	0.05194	-0.07826	-0.0338	0.03184	-0.03693	0.04486	-0.02088	0.01383
0.03156	0.0143	-0.00653	0.00845	0.02517	-0.02196	-0.37809	-0.46216	-0.30839
0.01535	-0.0319	0.00157	0.0757	0.08387	0.07178	0.02083	0.03875	0.04658
0.02368	-0.11516	-0.03849	-0.02351	-0.02768	-0.0257	-0.04534	-0.02056	0.00771
-0.10708	0.11429	-0.07285	0.02851	-0.08053	0.01235	0.18987	0.08068	0.3092
-0.12413	-0.11369	0.01844	0.10477	0.12932	0.09011	-0.06208	-0.02927	0.01936
0.09458	-0.06609	-0.02525	-0.09887	-0.03801	-0.03012	0.05176	0.13399	0.08186
-0.04952	-0.08531	0.07976	0.09683	0.05049	0.12609	0.02777	0.07128	0.04383
-0.07475	-0.14766	-0.0218	0.06251	0.04649	0.06985	-0.00366	0.04947	-0.0048
0.03184	0.09113	-0.0246	-0.04293	-0.01788	0.0071	0.06218	0.04624	0.0577
-0.10421	-0.16054	0.05769	0.13151	0.09879	0.10407	0.21742	0.22792	0.20017
0.10417	-0.07667	-0.14655	-0.06593	-0.05712	0.13378	0.0554	0.04359	0.07338
0.05662	-0.09311	0.08759	0.03423	0.14137	0.08338	-0.00196	0.11066	0.06212
-0.09545	-0.05613	0.06455	0.1756	0.18116	0.19683	0.12761	0.03194	0.08462
-0.09049	-0.13821	0.01073	4.60E-04	0.06761	0.02005	0.02715	0.04196	0.04365
-0.29351	-0.32494	0.14977	0.17245	0.22188	0.16213	0.04507	0.11532	0.12165
-0.11469	-0.05836	0.03956	0.17535	0.13785	0.21081	0.03133	0.03662	0.02336
-0.06439	0.01308	0.01188	0.09404	0.11886	0.04432	0.04564	0.02379	0.06132
0.15231	0.02496	-0.04483	-0.10215	0.02437	-0.00994	-0.00802	0.07918	0.02788
0.0436	-0.17682	0.02136	0.14918	0.10852	0.11072	-0.02921	0.11594	0.05139
0.08877	-0.06386	0.08798	0.17607	0.18659	0.20072	0.04759	0.11125	0.08603
-0.09196	-0.15968	0.11602	0.11465	0.17318	0.13864	-0.12398	-0.13736	-0.17093
0.14106	-0.03917	0.04639	0.04315	0.06433	0.06668	-0.04841	0.0576	-0.09341
0.05774	0.01993	0.03165	0.11738	0.0911	0.10545	0.02854	-0.0549	-0.00543

0.10006	-0.07414	0.04845	0.01092	0.13092	0.08137	-0.1288	0.05138	-0.07945
-0.04434	-0.06848	0.15447	0.00249	0.08536	0.00383	0.09399	0.10892	0.0146
-0.17673	-0.28342	-0.14049	-0.00652	-0.21112	-0.0022	0.16706	0.02378	0.1572
-0.00571	0.01169	0.09451	0.03309	0.03496	-8.30E-04	-0.06577	-0.02573	-0.02421
0.00358	0.03401	-0.05571	-0.05291	-0.13261	-0.08813	-0.17233	-0.0615	-0.20163
0.02891	-0.06292	0.00168	0.02731	0.06927	0.01721	0.00781	0.0164	0.00997
0.05497	-0.03386	0.00651	-0.04993	0.00682	-0.04421	-0.01973	0.11504	-0.00719
0.06459	0.03002	-0.10636	-0.06441	-0.0362	-0.05084	0.04587	0.05765	0.04862
0.01069	-0.04019	-0.02528	0.04611	-0.01916	0.07439	-0.07636	-0.17398	-0.08201
0.12782	0.0339	0.13383	0.15089	0.09778	0.22991	0.067	0.12492	0.10658
0.00214	0.05634	0.10157	0.08414	0.06107	0.09246	-0.01114	0.04073	0.04715
0.07081	-0.0347	-0.0376	-0.05233	0.014	-0.014	-0.06663	-0.00563	-0.03071
0.06017	-0.07679	0.02515	0.09175	0.13695	0.12576	-0.07824	0.03035	-0.02931
-0.01458	-0.02518	0.02149	0.05351	-0.00653	-0.02883	0.10954	0.14607	0.14926
0.10027	0.13651	-0.03394	0.00599	-0.05019	-0.04846	0.05236	-0.06185	-0.0832
0.0744	-0.03477	-0.12766	-0.18239	-0.17435	-0.1072	-0.06152	-0.01297	-0.16686
-0.10481	-0.1044	-0.03281	-0.08199	-0.04314	-0.08054	0.0401	0.07624	0.03462
-0.22332	-0.14273	-0.09905	-0.1594	-0.11024	-0.0598	0.00232	-0.02017	-0.02202
-0.02988	-0.06768	0.09779	0.09781	0.14908	0.05792	-0.13834	0.02609	-0.07493
0.09383	-0.08296	0.10975	0.11155	0.20993	0.12304	-0.13559	0.03438	-0.1192
0.05858	0.03604	0.11645	0.04309	0.10932	0.06493	-0.0814	-0.00147	-0.05045
0.06785	0.04	-0.06256	0.06904	-0.00664	0.04919	0.02601	0.08174	0.12865
0.09598	0.12567	-0.01311	-0.03883	0.05427	0.01069	0.06454	0.03172	0.11285
-0.11671	-0.01025	-0.05884	-0.0398	0.03006	-0.02309	0.08424	-0.16679	-0.31788
0.03106	-0.03088	-0.02781	-0.04482	0.03875	-0.0317	0.0201	0.14157	0.07944
-0.11151	-0.08266	0.13083	0.19514	0.10981	0.22456	0.00492	0.14066	0.15956
0.01821	0.00418	-0.03701	-0.04129	-0.02725	0.01757	-0.04605	0.07385	0.06241
0.00507	0.01426	0.00586	0.00113	0.01094	0.06438	0.09056	0.1067	0.04288
0.07485	-0.01949	-0.03573	-0.03909	-0.01557	-0.01089	-0.01585	0.01	0.0058
0.16359	-0.04526	-0.0837	0.02419	-0.00727	-0.0025	0.04496	0.12416	0.11325
0.09375	0.08962	0.01998	0.14495	0.12327	0.15673	-0.062	-0.01939	-0.03715
-0.16642	-0.20077	0.08098	0.0884	0.01959	0.09685	0.29865	0.16048	0.17756
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-0.03623	-0.20467	-0.17079	-0.0349	-0.05728	0.03931	0.05615	-0.03599	-0.0642
-0.08494	-0.1598	-0.0154	0.04015	-0.00562	0.06332	0.29011	0.37275	0.34111
-0.00597	-0.11603	0.07464	0.02084	0.01448	0.04504	0.10166	0.12319	0.08131
-0.11782	-0.15485	0.00482	0.01153	0.13692	0.10032	-0.06564	-0.0365	6.60E-04
0.08253	-0.00998	0.05442	0.11906	0.12809	0.11936	-0.00296	0.0501	0.06148
-0.0296	0.021	-0.12865	0.03878	-0.04229	0.01245	0.21509	0.08498	0.20875
-1.90E-04	0.05515	-0.00557	-0.07291	-0.0419	-0.00459	0.01613	0.09644	0.05458
0.03233	0.05773	-0.10599	-0.12401	-0.07884	-0.09521	-0.01896	0.10493	0.06265
0.04195	-0.03266	0.13013	0.10094	0.15484	0.18199	-0.03002	-0.01647	-0.05242
-0.25605	-0.18135	0.33209	0.2103	0.31044	0.24433	-0.20168	-0.25486	-0.21433
0.10463	-0.16886	0.05791	0.1105	0.15148	0.1215	-0.16191	-0.01403	-0.11045
0.04626	-0.04255	-0.03745	-2.50E-04	0.05401	-0.00801	-0.08902	-0.04633	-0.12179
-0.04774	-0.00376	0.02113	0.0173	0.01289	-0.05078	0.15055	0.00887	0.17252
0.1668	4.00E-05	0.0744	0.08996	0.15685	0.08555	-0.14187	0.01528	-0.05505
-0.04418	-0.14529	-0.23284	-0.04101	-0.07924	0.02607	-0.11601	-0.078	-0.0569
-0.21652	-0.06859	-0.6858	-0.73998	-0.68978	-0.75039	-0.34913	-0.46833	-0.3923
-7.80E-04	-0.09947	-0.16203	-0.01181	-0.00248	-0.07644	0.08757	-0.02568	0.02217
0.0884	-0.06496	0.05549	0.03616	0.13824	0.076	0.03965	0.05998	0.07201
0.04531	0.05538	0.10707	0.17876	0.1178	0.18006	-0.01426	0.03644	0.05559

0.04938	-0.12791	0.06581	0.08887	0.0842	0.06246	-0.13537	0.03853	-0.02017
-0.14467	-0.07609	0.25587	0.17246	0.18533	0.16816	0.05429	0.13655	0.107
0.07174	-0.03294	0.11068	0.07947	0.16041	0.13853	-0.10248	0.03302	-0.05417
-0.03227	-0.01548	-0.03524	-0.0181	-0.06343	0.03558	-0.06464	-0.10365	-0.05625
0.05968	-0.02858	-0.04197	-0.03492	-0.02811	-0.07939	-0.11561	-0.08368	-0.0325
-0.16305	-0.23704	0.08217	0.12284	-0.01284	0.13595	0.03841	0.14091	0.03958
-0.40021	-0.38545	0.3251	0.29026	0.25531	0.31134	-0.10405	0.02227	-0.01883
0.02777	-0.03373	0.01635	0.13501	0.1207	0.13455	-0.03667	0.02364	0.01833
-0.14006	-0.1743	-0.12693	-0.2582	-0.16321	-0.17371	-0.18578	-0.1985	-0.22415
0.05595	0.02161	-0.1144	-0.06566	-0.03281	-0.05933	-0.25275	-0.14447	-0.20411
-0.36639	-0.4162	0.18977	0.2594	0.15074	0.27508	0.15554	0.10074	0.13318
0.13888	0.13421	-0.06493	-0.12666	-0.06912	-0.138	-0.06095	-0.0423	-0.00175
-0.05118	-0.11913	-0.01848	0.02463	0.05039	0.08527	0.20623	0.19266	0.16743
0.04079	-0.08119	0.1271	0.172	0.11697	0.15963	-0.07227	0.07109	0.00188
0.07598	-0.00527	-0.00189	0.0553	-0.0244	0.04697	-0.02166	0.0397	0.00146
0.042	0.02952	5.20E-04	-0.0338	-0.01453	0.00212	-0.14939	-0.06764	-0.10524
-0.23427	-0.30431	0.16272	0.19052	0.25271	0.23347	0.10999	0.14722	0.10674
0.02364	-0.01691	0.11678	0.11348	0.1186	0.10573	0.14622	0.18626	0.12646
-0.10902	-0.12964	-0.23	-0.20423	-0.2495	-0.11408	0.16278	0.12793	0.13176
0.13278	0.08913	-0.08982	-0.16282	-0.00929	-0.07864	0.05265	0.07033	0.06652
-0.00855	0.10543	0.03058	0.0631	0.08888	0.0754	0.12775	0.05646	0.11559
0.08237	-0.07997	-0.00173	0.05626	0.06861	0.08261	-0.015	0.06493	-0.00294
0.06871	0.05082	0.01114	-0.02861	-0.0288	-0.01738	-0.01971	0.08151	0.05078
0.1105	0.07259	-0.1253	-0.11964	-0.11909	-0.05999	0.05759	0.02838	0.04009
0.01094	-0.01598	-0.10059	0.07715	0.01637	0.07267	0.20182	0.06989	0.17777
-0.02683	0.01411	0.16349	0.13562	0.10584	0.12988	-0.03043	0.04721	0.01938
0.07867	-0.00795	0.12222	0.1364	0.12253	0.17126	0.06434	0.06522	0.10356
0.04316	0.01703	-0.0897	-0.06305	-0.00744	-0.0134	-0.03235	0.01064	-0.03061
0.05433	0.08188	-0.03311	-0.04422	-0.02386	-0.03995	-0.07776	-0.0205	-0.06694
0.01522	0.02426	0.02686	-0.00144	0.00226	0.01276	0.0917	0.07242	-0.03281
0.21093	-0.02767	0.01936	0.05569	0.11227	0.06081	-0.0756	-0.0129	-0.04466
0.01911	-0.06361	-0.23313	-0.26863	-0.18157	-0.19883	-0.12682	0.06973	-0.00899
0.25115	0.22781	-0.01156	0.01461	0.02747	0.06155	0.00209	-0.07186	-0.03378
0.10053	0.05056	-0.00156	-0.06743	-0.14195	-0.03396	0.07765	0.09319	0.04757
0.03082	-0.05701	6.50E-04	-0.02546	0.01276	0.02199	0.0581	0.14403	0.08758
-0.10611	-0.01245	-0.0183	0.14028	-0.08662	0.11577	0.31828	0.40494	0.55255
0.14713	-0.02721	0.07623	0.09386	0.20011	0.08714	-0.05516	0.02992	0.00256
0.01706	-0.03819	0.00198	0.0254	-0.09481	0.02794	0.00938	0.00658	-0.00318
0.02082	0.02024	0.04517	0.07273	0.03267	0.0794	0.11992	0.15663	0.16971
-0.02755	0.04413	-0.00294	0.05316	0.09779	0.09576	0.19068	0.0814	0.12859
-0.01645	-0.03588	0.05449	-0.00604	-0.03154	0.02468	0.16957	0.14118	0.16386
-0.0754	-0.02068	0.05052	0.0291	-0.05841	0.05072	0.2492	0.07462	0.11861
-0.0141	-0.03935	-0.1033	-0.11091	-0.06718	-0.11489	2.90E-04	0.04194	-0.00645
0.06447	-0.02834	-0.01511	-0.04539	-0.04698	-0.02154	-0.05033	0.05849	0.02795
0.20508	0.15347	0.15756	0.07704	0.10162	0.08519	-0.0383	-0.08507	-0.18387
0.13517	0.09673	0.08283	0.02808	0.02616	0.03711	-0.2752	-0.14291	-0.12411
0.00325	-0.01322	0.1317	0.04838	0.10388	0.13916	0.15869	0.1296	0.08023
7.80E-04	-0.02114	-0.06346	-0.08311	-0.06994	-0.0311	0.03867	0.08597	0.07256
-0.08792	-0.09127	0.19635	0.26383	0.23931	0.26096	0.02095	0.10692	0.13078
0.08666	-0.03916	-0.06955	-0.045	-0.11343	-0.1808	-0.01523	-0.10689	-0.10396
-0.14264	-0.0569	0.14808	0.15884	0.08522	0.18416	0.12307	0.08095	0.03562
-0.15679	-0.10565	-0.06687	-0.16715	-0.14546	-0.07277	-0.11137	0.0748	-0.06299

0.02062	-0.02508	0.04595	0.0491	0.01732	0.03422	0.13785	0.1329	0.0578
0.03063	0.01627	-0.02654	-0.05041	-0.06079	-0.00972	-0.0313	0.00148	-0.01722
-0.09757	-0.08073	0.00803	-0.07209	0.00607	0.01435	0.00564	0.05271	0.04328
0.01458	-0.04998	-0.01888	-0.0809	0.04353	-0.02535	-0.05821	-0.04315	-0.02174
-0.07463	-0.08138	-0.03969	-0.03666	-0.06207	-0.07293	0.12697	0.20238	0.15373
0.0012	-0.02517	0.02971	0.01537	0.05583	0.07027	0.06745	0.09553	0.06756
-0.01561	-0.00627	0.00331	-0.07862	0.00541	-0.03382	-0.14344	-0.01392	-0.11903
0.10373	-0.00384	0.05955	0.01756	0.14068	0.09726	-0.17328	-0.02743	-0.06489
-0.01415	-0.02663	-0.05009	0.02746	0.01271	0.0216	0.02337	0.00478	-0.01663
0.05558	-0.00365	-0.21043	-0.19316	-0.11758	-0.20495	-0.03594	-0.00813	-0.03909
0.11521	-0.09058	-0.12214	0.05465	-0.154	0.05291	0.23399	0.04819	0.20283
0.0264	0.07679	-0.05743	0.02041	0.03841	0.02368	0.0021	0.06547	0.07439
-0.07928	-0.06883	0.08972	0.12783	0.13892	0.15997	0.10722	0.06915	0.06714
0.16979	0.11609	0.17545	0.11402	0.13153	0.14762	0.00533	-0.09634	-0.08332
-0.00456	-0.01441	0.11728	0.12764	0.07853	0.12801	-0.02754	-0.03129	-0.00229
0.05479	-0.00157	-0.02115	-0.08013	0.02613	-0.01652	0.0433	0.02659	0.03217
-0.01744	-0.06422	0.1253	0.2325	0.05374	0.16371	0.12505	0.0079	0.02218
0.02865	0.07891	-0.00527	0.04625	-0.04232	0.03379	-0.09808	-0.14716	-0.06808
0.05525	0.00952	-0.02217	0.03002	0.01554	-0.01283	-0.02916	-0.07984	-0.05289
0.02258	-0.04091	-0.01309	-0.07906	0.01262	0.03483	-0.16488	-0.18174	-0.20375
0.00874	-0.01614	-0.01707	-0.05745	-0.00363	-0.06176	-0.06359	0.00696	-0.04975
0.08856	6.40E-04	0.14332	0.146	0.02658	0.13319	0.09569	0.1156	0.10819
-0.07873	-0.11631	0.10869	0.07351	0.12363	0.12676	0.07694	0.09317	0.04902
0.08496	0.08941	0.10064	-0.07729	-0.11707	-0.03738	0.14962	0.09392	0.06449
0.05964	0.06197	0.1113	-0.02065	0.00237	0.01297	-0.09519	-0.03271	-0.07123
-0.20415	-0.09733	0.05038	0.02787	0.02422	-0.02584	0.03145	-0.1024	-0.29863
0.07154	-0.0365	0.00167	0.07672	0.04513	0.05839	0.05682	0.09496	0.08024
0.03462	-0.10269	0.15123	0.2184	0.18207	0.19167	-0.04794	0.08675	-0.02991
0.11617	0.07011	-0.03229	-0.06128	-0.01678	-0.07025	-0.06028	0.12476	-0.00542
-0.18093	-0.11632	-0.03618	-0.09184	-0.00254	-0.08614	0.0707	0.06531	0.08814
0.0385	-0.04593	-0.08864	0.01406	-0.00375	0.03125	0.0782	0.11301	0.09624
0.06503	0.03072	0.19364	0.22424	0.22821	0.24453	0.01561	0.01231	0.03478
0.05191	-0.01442	0.00423	-0.04654	0.01007	-0.09833	-0.11032	0.07351	-0.01406
0.00647	-0.06132	-0.00771	-0.05692	0.04602	-0.011	0.04577	0.04193	0.06147
0.00394	0.01512	-0.15645	-0.00917	0.04532	0.01569	0.01113	0.00811	0.03605
0.05087	0.01929	-0.05722	-0.13709	0.00199	0.00278	-0.18615	-0.10854	-0.1087
0.01309	-0.04568	0.03024	-0.00457	-0.03885	0.02877	-0.03981	0.11553	0.00561
0.06128	0.11905	0.02368	-0.03648	0.01292	0.02321	0.06262	-0.04434	0.05893
0.06002	0.06902	-0.22278	0.07967	-0.04676	-0.05037	0.0426	0.02922	0.07229
-0.05439	-0.02125	0.18212	0.13162	0.11108	0.19686	-0.18648	-0.17124	0.0608
0.10979	0.05151	0.06275	0.06059	0.01216	0.00285	0.03772	0.12728	0.12166
-0.001	-0.09051	0.03618	0.13828	0.08543	0.03629	-0.01053	0.16079	0.04281
0.0608	-0.05819	0.13619	0.18043	0.09993	0.15297	0.00636	0.05758	0.12525
-0.06749	-0.09547	0.04272	0.11465	0.13493	0.11691	-0.00729	0.04952	0.0788
0.20664	0.13273	-0.199	-0.15649	-0.14967	-0.14818	-0.01916	-0.01943	-0.08381
0.03137	0.03074	0.01813	0.07453	0.07686	0.06884	-0.03999	-0.12301	-0.02259
0.02557	-0.03068	0.00705	-0.00778	0.07722	0.01151	0.04831	0.03492	-0.04767
0.03633	0.12544	0.13217	0.06836	0.06765	-0.04821	0.11906	-0.01982	0.02901
0.01572	-0.04866	0.02944	0.03215	0.09987	0.02942	-0.11828	-0.07679	-0.09917
-0.00913	-0.02246	0.12112	0.05001	0.04689	0.04899	0.10739	0.21431	0.08748
0.12955	-0.1856	-0.23866	-0.07345	-0.15583	-0.26692	0.16671	0.13163	0.11662
0.12567	0.02625	0.04663	0.07466	0.08039	0.11503	0.0722	0.08941	0.06239

0.05598	0.01859	-0.08011	-0.15306	-0.01513	-0.12912	-0.16774	-0.08074	-0.13647
-0.04991	-0.12531	0.18346	0.12855	0.16176	0.13932	-0.31473	-0.37579	-0.32407
0.00216	0.1016	-0.02956	0.02336	0.06958	0.03678	-0.0222	-0.02376	-0.01851
0.08983	0.0696	-0.06455	0.01319	0.06367	0.01543	-0.08372	-0.04821	-0.00564
0.08917	-0.00934	8.60E-04	-0.01947	0.04953	0.02226	-0.0217	-0.01564	-0.03035
0.04985	-0.0644	0.03059	-0.03889	0.02805	0.01038	-0.20135	-0.14439	-0.10476
0.08977	-0.03773	-0.15599	-0.22044	-0.08381	-0.08466	-0.10135	-0.08223	-0.0866
0.0247	-0.00587	-0.0029	-0.04813	-0.08955	-0.07989	0.03501	0.08442	0.02381
0.07164	-0.0037	0.12334	0.04871	0.06825	0.02628	0.02134	-0.01448	-0.07336
0.13734	-0.06014	0.10668	0.07368	0.06644	0.06037	-0.04811	0.00716	-0.00897
-0.1003	-0.09976	0.15584	0.1413	0.10294	0.12407	2.50E-04	0.05907	0.01421
-0.06389	-0.05896	0.01864	0.0693	0.12527	0.09876	0.03691	0.03968	0.07828
0.1578	0.1852	0.10437	0.11876	0.0597	0.18786	-0.17785	-0.12837	-0.13435
0.06105	-0.005	0.15325	0.17615	0.16405	0.17887	0.03778	0.08315	0.11879
0.01346	0.02712	0.00429	0.02985	0.04997	0.0908	-0.02885	-0.07021	-0.06903
0.04503	-0.01022	-0.10096	0.07009	-0.00219	0.0633	-0.00757	-0.05628	0.0269
0.04361	-0.02115	-0.13887	-0.1395	-0.08462	-0.16097	-0.07389	0.03023	0.08354
-0.13525	-0.0089	0.03475	-0.002	0.0663	0.03567	0.10389	7.20E-04	-0.02274
-0.1141	-0.09462	-0.02722	0.04947	0.07111	0.03131	0.09728	0.12081	0.07568
-0.01793	-0.00777	0.04338	0.06638	0.03849	0.07167	0.01209	0.10103	0.07316
-0.00124	0.00323	-0.0103	-0.00553	0.04557	0.00267	-0.08344	-0.06715	-0.04613
0.02609	0.12383	-0.06448	0.01019	0.00952	-0.02443	0.02261	0.00639	0.03879
0.0038	-0.06985	-0.00909	0.02466	0.04331	0.05259	-0.07818	-0.08796	-0.05038
-0.04582	-0.02617	-0.01478	-0.06477	-0.01973	-0.04489	-0.17927	-0.01199	-0.08853
-0.01921	-0.01927	0.0459	0.03062	0.03003	0.00673	0.00864	0.07899	0.10632
0.0498	0.03644	0.11897	0.04575	0.00982	0.03007	0.0226	-0.03407	0.10654
0.07966	-0.03788	0.25288	0.08058	0.18596	0.08598	-0.10356	0.08132	0.01293
-0.01658	-0.10351	0.06853	0.0299	0.0541	0.08593	0.05281	0.0779	0.02696
0.06141	0.02727	0.08344	0.06657	0.00928	0.061	-0.06269	0.00948	-0.0182
-0.1233	-0.03007	0.01958	0.12751	0.10909	0.08879	0.15585	0.12472	0.09867
-0.10893	-0.11164	0.11391	-0.02764	-0.02479	0.02282	0.03493	0.04945	-0.00945
0.02356	0.04447	0.16585	0.08712	0.17985	0.16948	-0.04983	0.00693	0.00462
-0.10716	-0.03922	0.00487	0.04015	0.03604	0.04453	0.07267	0.12777	0.09082
0.14065	-0.00655	0.08857	-0.05775	-0.06743	0.08577	-0.11791	-0.1515	-0.13722
-0.01676	-0.07034	0.34561	0.26486	0.26892	0.27045	-0.42274	-0.36933	-0.37724
0.01597	0.02554	0.06155	0.06727	-0.0222	0.01293	0.11415	0.12382	0.10522
-0.01571	0.0194	-2.00E-05	0.06815	-0.04984	0.048	-0.20698	-0.19196	-0.16266
0.12997	-0.0658	-0.19859	0.08346	-0.01015	0.13472	0.19683	0.23022	0.24363
0.09111	-0.01179	-0.013	0.03798	0.03096	0.05348	0.06176	0.04903	0.03617
-0.01352	0.05241	-0.10771	-0.07414	-0.01839	-0.05096	-0.03557	0.00387	-0.00589
-3.90E-04	-0.0444	0.1194	0.08309	0.08899	0.04575	-0.12339	-0.08894	-0.04305
0.05344	0.01866	0.02145	0.07032	0.03397	0.03521	0.1449	0.09019	0.119
-0.05465	-0.10828	-0.10649	-0.04804	-0.10598	-0.02902	-0.22856	-0.15234	-0.2122
0.103	-0.01197	0.06307	0.0229	0.02626	2.10E-04	0.03743	-0.00981	-0.1024
-0.14567	-0.09861	0.1946	0.13149	0.03637	0.09448	-0.08112	-0.05942	-0.0914
-0.14668	-0.12492	-0.05845	0.01742	0.00546	0.12635	0.07575	0.07472	0.23508
0.17447	0.01516	-0.04259	0.01296	0.00632	0.0924	0.08559	0.0345	0.04945
0.08027	-0.01571	-0.03317	-0.04017	-0.00197	0.02127	0.02902	0.02312	0.11012
-0.01677	-0.16419	0.04606	0.07472	0.1	0.09375	-0.02007	0.05608	-0.0178
0.15391	-0.12105	0.02866	0.02139	0.03694	0.02827	-0.03587	0.06135	-0.07803
0.00901	-0.02587	0.00787	0.04435	0.04769	0.08068	-0.00619	0.05572	0.0409
-0.02871	-0.04369	0.05399	0.07746	0.06975	0.08392	0.01996	0.02388	-0.02117

0.07564	0.02648	-0.0155	-0.01038	-0.01495	0.14536	-0.06092	-0.0923	-0.06466
0.0351	0.01923	-0.01802	0.02145	0.07831	0.04965	-0.12241	-0.09404	-0.01589
-0.04211	-0.10292	-0.00515	0.07145	0.01027	0.00701	-0.07179	-0.02992	-0.09667
0.11758	0.03931	0.03597	0.07922	0.08285	0.08145	-0.08227	-0.04742	-0.02655
0.00452	-0.07313	-0.03171	-0.0152	0.03741	-0.02977	-0.06281	-0.00855	-0.04535
0.03409	0.00814	0.01625	0.07223	-0.06832	0.05384	0.1193	0.05895	0.11684
0.06642	-0.00605	0.03169	-0.03292	0.03315	-0.0217	-0.03982	0.0283	-0.03594
-0.0578	-0.13611	0.1638	0.14693	0.13519	0.12471	0.12176	0.2329	0.13335
0.1825	-0.01553	-0.13995	-0.07796	0.06835	-0.03583	-0.03312	-0.2322	-0.1102
0.0275	-0.02333	0.01038	-0.08145	0.01586	0.01934	0.0037	0.04659	0.00224
-0.37048	-0.46163	-0.23746	-0.28326	-0.29607	-0.22525	0.62678	0.67432	0.66982
-0.05725	-0.0418	0.01744	0.15417	0.0878	0.10352	0.0119	0.12135	0.0573
-0.0976	0.02916	0.12872	0.14793	0.00475	0.08545	0.12879	0.23083	0.16263
0.02783	0.02366	-0.0087	-0.04485	0.03638	-0.00964	-0.06797	0.03612	0.00667
-0.02089	-0.06684	-0.09898	-0.08672	-0.10128	-0.01917	-0.02302	-0.02311	-0.04767
-0.48997	-0.29106	-0.0703	0.06003	-0.16038	0.1355	0.39401	0.46945	0.68901
0.07549	0.1008	0.00848	0.03705	-0.0362	0.01821	-0.04386	-0.01367	0.01075
0.11609	-0.03666	-0.11488	-0.07465	-0.06889	0.06556	-0.11056	-0.19217	-0.06305
-0.05026	-0.07174	-0.06351	-0.07738	-0.04311	-0.04031	-0.14564	-0.05053	-0.25976
0.09473	0.02441	0.04839	0.12109	0.11985	0.12478	0.04592	0.08569	0.07353
-0.00943	-0.02599	-0.01349	0.08697	0.03499	0.05216	-0.08315	-0.05144	-0.03271
-0.10297	-0.17575	0.00343	0.12443	0.06705	0.1205	0.16738	0.1689	0.13115
-0.06271	-0.06875	0.01088	0.08536	0.09474	0.07224	0.05548	0.08625	0.12447
0.09395	-0.02557	0.11338	0.08476	-0.03039	0.0508	-0.01764	0.10839	0.01609
0.09892	0.01684	-0.15347	-0.07601	-0.06297	-0.06373	0.09316	0.10487	0.14474
0.11044	0.00615	0.0022	-0.00921	0.04152	0.00923	-0.11923	0.01263	-0.04463
0.02091	0.01238	-0.03268	0.10335	0.07703	0.08152	-0.04747	-0.04528	-0.01897
0.18207	0.16526	0.09862	0.13255	0.16886	0.15608	0.01225	0.04491	0.05528
0.13956	0.09801	0.01708	0.02056	-0.01433	0.02933	-6.10E-04	0.02432	0.00633
0.00705	0.0536	0.13369	0.17451	0.10001	0.14623	-0.03722	-0.02172	0.07657
0.05786	0.05339	0.03139	0.0253	0.01383	-0.0579	0.1151	0.08235	0.00664
-0.13628	-0.11004	-0.18457	-0.12405	-0.07465	-0.20385	0.1224	0.12016	0.13219
-0.20165	-0.18609	-0.07199	-0.05205	-0.11968	-0.1321	0.15859	0.14714	0.05185
-0.04226	-0.15549	0.04661	0.11663	0.02203	0.08956	0.20851	0.22694	0.23063
-0.03059	-0.07771	0.09188	0.10633	0.15468	0.16503	0.00847	0.00639	0.00908
-0.1833	-0.11921	0.01313	-0.08241	-0.03241	-0.09664	0.04501	0.13933	0.08397
0.07379	0.16392	0.23737	0.31984	0.31711	0.27878	0.10399	0.09123	0.04612
-0.1238	-0.08884	0.04737	-0.04853	0.06384	0.04877	0.04975	0.02011	0.05168
-0.07006	0.00843	0.03583	0.00869	0.08403	0.05053	0.0911	0.09514	0.11092
-0.26283	-0.26692	-0.441	-0.55199	-0.41646	-0.28879	0.00109	-0.21361	-0.12474
-0.17244	-0.09942	-0.03492	0.11263	0.08339	0.12404	0.07101	0.13189	0.23662
-0.02184	-0.01907	0.07226	0.05706	0.107	0.1544	0.01366	0.05351	0.02268
0.08508	0.02301	0.01528	0.07282	0.00492	0.29198	-0.0826	-0.06851	-0.1464
-0.06678	-0.00755	0.05329	-0.10023	-0.06161	-0.04694	0.02977	0.08128	0.03045
-0.02173	-0.06774	-0.07567	-0.10954	-0.0941	-0.00763	-0.16269	-0.24515	-0.26704
-0.01448	-0.03215	0.12551	0.18135	0.20265	0.22065	0.4632	0.4092	0.45654
0.01642	-0.02461	0.00395	0.01107	-0.02463	-0.01636	0.05241	-0.01492	-0.0244
0.07304	0.08657	-0.02799	-0.026	0.02726	-0.03395	-0.02446	-0.08961	-0.02524
0.08006	0.04338	-0.06242	-0.06254	-0.13943	-0.01885	0.03476	0.00178	-0.08937
-0.04957	-0.06907	-0.07042	-0.0956	-0.10258	-0.04838	-0.11187	-0.08338	-0.06935
-0.02489	0.01115	0.11772	0.12835	0.06617	0.13053	0.00805	-0.00332	0.03062
-0.071	-0.09591	0.01618	0.11833	-0.00117	0.01042	0.10637	0.11342	0.1368

0.04344	-0.01409	0.01347	-0.01127	0.06669	0.02658	-0.01385	0.04921	0.01451
-0.12211	-0.21462	-0.22788	-0.29203	-0.25115	-0.37256	0.11235	-0.01048	0.08973
0.72304	0.00894	-0.06629	0.14478	-0.03049	0.11786	0.02026	0.01511	0.32384
0.05605	0.09139	0.09172	0.12897	0.06479	0.12926	0.25092	0.30658	0.32705
-0.061	0.06591	-0.05093	0.07001	-0.05119	0.08336	-0.03793	-0.09608	-0.04987
0.08594	0.04366	-0.01844	-0.06564	0.03011	-0.0064	-0.06229	-0.00408	-0.07871
-0.06256	-0.13823	-0.31083	-0.06534	-0.13719	-0.07661	0.06929	0.00605	0.05486
0.10649	0.06419	0.04025	0.10712	0.12155	0.08307	0.04672	0.04965	0.07246
0.0152	0.02306	-0.0153	-0.11113	-0.07286	-0.06543	0.0381	0.05782	-0.02818
0.42249	0.3482	-0.31345	-0.31072	-0.3469	-0.30326	1.06618	1.06553	1.10837
-0.13772	0.06876	0.26805	0.12462	0.03895	0.17187	0.08414	-0.08246	-0.08661
-0.22746	-0.22289	0.04439	0.14836	0.05297	0.15719	0.3198	0.33426	0.36647
-1.08755	-1.13264	0.42485	0.42558	0.4174	0.49311	-0.21404	-0.25429	-0.22147
-0.12186	-0.22261	0.07627	0.1452	0.04164	0.13323	-0.01231	0.12472	0.02258
0.13065	0.0522	-0.03006	0.01585	0.03757	0.02158	-0.0781	-0.05352	-0.04171
0.03182	-0.02468	-0.03409	-0.02914	-0.09049	-0.08367	0.23136	0.18789	0.18493
-0.12434	-0.25699	-0.0532	-0.00764	-0.03126	-0.00368	-0.11805	-0.048	-0.2109
0.09963	0.05712	-0.03265	0.01127	0.03691	0.06907	0.0522	0.11789	0.07092
-0.53971	-0.3913	0.34365	-0.29631	-0.01405	-0.12147	-0.12597	-0.01185	-0.174
0.0814	-0.08171	0.20622	0.16597	0.11886	0.19299	-0.04639	-0.02986	-0.06044
-0.07506	-0.03897	-0.03581	-0.03522	-0.00406	-0.00253	0.06293	0.1167	0.11342
0.07886	-0.10081	0.02397	0.01121	-0.03156	0.05777	0.03426	-0.06352	-0.04808
-0.06244	-0.01714	-0.06055	0.05773	0.10543	0.05905	-0.04566	0.00882	0.06019
-0.02551	-0.05103	0.16157	-6.00E-04	0.00136	0.03843	0.12692	0.04422	0.0166
0.25388	0.34943	-0.1147	-0.00407	-0.11926	0.00498	0.2286	0.0519	0.25156
0.14886	0.06014	-0.03261	-0.06389	0.01093	-0.05888	-0.10754	-0.00952	-0.06071
0.03223	-0.00805	-0.05866	-0.09928	-0.01233	-0.02781	-0.00866	-0.02363	-0.02634
0.04251	-0.02771	0.03664	-0.06632	0.03587	0.019	0.01599	-0.00803	0.02112
-0.01246	-0.07324	0.05019	0.09196	0.15277	0.08852	0.05719	0.14178	0.11298
0.03216	-0.06179	-0.25247	-0.22248	-0.18831	-0.21641	0.12006	0.08758	0.05311
0.00407	0.07872	-0.07181	-0.10175	-0.05668	-0.017	-0.07923	-0.15345	-0.11456
0.09788	-0.02144	-0.04959	-8.60E-04	0.04644	-0.01555	-0.10435	-0.03294	-0.02831
0.02854	0.01193	-0.02841	0.02225	-0.01641	0.04067	-0.0128	-0.14605	-0.05002
-0.50486	-0.57858	0.16873	0.15501	0.06254	0.08648	0.38472	0.3996	0.30795
0.13822	0.09105	-0.0954	0.02154	-0.00665	0.01171	-0.12785	-0.17298	-0.07539
-0.03031	-0.05181	0.06865	-0.01399	-0.01055	-0.05392	-0.05719	0.01791	0.02198
0.0397	-0.00794	-0.13605	-0.10729	-0.098	-0.07294	0.08056	0.13156	0.10489
-0.0419	0.00278	0.07241	0.14531	0.08319	0.13131	0.00657	-0.01602	0.08156
-0.09402	-0.20092	0.07189	0.11715	0.07318	0.12445	0.19604	0.16791	0.22134
0.06317	0.08981	0.11437	0.10478	0.0016	0.05861	-0.01435	0.00981	0.03356
-0.08573	-0.09526	-0.05373	0.07545	-0.01558	0.06117	0.18445	0.12991	0.24346
0.02669	-0.05916	-0.09772	-0.13446	-0.24343	-0.14679	-0.0388	-0.01454	-0.12192
-0.02455	-0.09581	-0.04827	-0.06041	0.00455	-0.02012	-0.12267	-0.07499	-0.04874
-0.02733	-0.05561	-0.07352	0.07074	-0.00646	-0.00883	0.0723	0.14567	0.08241
-0.149	-0.01732	-0.03958	0.08171	-0.11475	0.01013	-0.00806	-0.05016	0.13004
0.03599	0.01329	-0.02225	0.06352	0.02765	0.03899	0.01689	0.10522	0.0285
0.0215	-0.03745	0.05953	-0.05548	-0.03694	-0.01407	-0.00552	0.03689	-0.16652
-0.07937	-0.07799	-0.09033	-0.05108	-0.06503	0.05534	0.20369	0.08617	0.078
0.03619	-0.04877	-0.01156	-0.09218	-0.09062	-0.12756	0.02364	0.11282	0.08588
0.06267	0.2284	0.18521	0.13006	0.10108	0.14938	0.18425	0.147	0.16602
-0.05981	0.03824	0.03889	0.02672	-0.03767	0.04418	0.1328	0.09769	0.11008
0.09284	-0.02548	0.07052	0.07958	0.08457	0.09202	-0.08586	0.05252	0.01249

-0.08648	-0.05021	-0.07085	-0.09326	-0.04384	-0.02526	-0.08504	-0.01274	-0.02968
0.01672	0.02587	0.02357	-0.02311	0.00751	-0.00381	0.04959	0.06024	0.0228
0.18407	0.08701	0.04851	0.08457	0.12598	0.05425	0.03533	0.02135	0.09825
0.02339	-0.00553	-0.16414	-0.07996	-0.1007	-0.09289	-0.04985	-0.02454	-0.01812
-0.09424	-0.09895	0.00473	0.03427	0.00227	-0.01781	-0.11993	-0.05198	-0.02832
0.0831	0.05563	-0.08532	-0.01344	-0.06216	-0.01167	0.10032	0.14291	0.03429
0.02208	-0.05166	-0.02576	-0.07109	0.00659	0.04762	-0.02988	-0.018	-1.40E-04
0.16166	0.13115	0.02627	0.00678	0.00945	-0.00411	-0.17941	-0.06508	-0.20346
0.01498	-0.00583	0.02009	0.00371	0.02986	0.04228	-0.03288	-0.05949	-0.13052
0.27224	0.0889	0.27413	0.14233	0.20569	0.05858	-0.08716	0.09949	-0.07803
-0.01855	-0.0201	0.06384	0.09571	0.04246	0.1618	0.03886	0.01862	-0.01582
0.09408	-0.00741	0.08276	0.04548	0.1633	0.05411	0.02345	0.10899	0.13134
0.01313	0.04647	0.00306	0.13103	0.00316	0.0915	0.06622	0.04545	0.1151
0.02079	0.02262	0.09861	-0.06161	0.01294	0.03285	0.02567	0.00227	-0.00274
0.12013	0.10539	0.01869	0.17915	0.14217	0.12393	-0.00559	0.00367	-0.00766
-0.20644	-0.19536	0.46424	0.35824	0.41726	0.33477	-0.09124	-0.06448	-0.19976
0.02719	-0.08469	0.05006	0.03199	-0.06431	0.01214	0.06614	0.06437	0.04629
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-0.0338	-0.03304	-0.11144	-0.111	-0.09614	-0.05608	-0.09142	0.09997	-0.01419
0.08007	-0.01428	-0.06524	-8.90E-04	0.02922	0.04727	-0.0853	-0.14398	-0.05481
0.06206	0.01158	0.03996	-0.09565	-0.06323	0.03328	-0.09357	0.08225	-0.09282
0.02178	0.02877	0.04122	0.01666	0.04037	0.01514	-0.06617	-4.70E-04	0.02002
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-0.00156	-0.10168	0.11074	0.11684	0.03645	0.12151	-0.08817	-0.14725	-0.27547
0.0164	-0.00851	0.04467	0.04816	0.01891	0.03865	-0.14507	-0.06984	-0.05846
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0.05982	-0.0305	-0.09093	0.08128	0.11471	0.08395	-0.04982	0.04224	-0.02413
0.03486	-0.12816	0.11554	0.22662	0.21245	0.21619	0.06456	0.12989	0.12333
-0.05801	-0.11346	-0.01711	-0.25588	-0.32829	0.06721	0.11054	-0.11726	-0.00252
0.1164	0.02513	0.02186	0.01183	0.08842	0.0362	-0.10978	-0.10691	-0.15335
0.13749	-0.0178	0.14211	0.11871	0.19032	0.10717	-0.07273	-0.03925	-0.0744
-0.00889	0.01014	0.09002	0.18345	0.09098	0.09794	0.17535	0.11295	0.08983
0.04065	0.07795	-0.0625	0.04202	0.01238	-0.001	-0.04618	-0.05118	-0.01665
-0.01111	-0.07827	-0.01277	-0.01617	-0.00896	-0.0571	0.04061	0.13098	0.01884
-0.09963	-0.10303	-0.25182	-0.18749	-0.13528	-0.16507	0.11425	0.12382	0.18598
0.0409	-0.03783	0.00357	-0.04313	0.0605	-0.0498	-0.06634	0.02966	-0.11641
0.02647	-0.0092	-0.00518	-0.00972	0.09531	0.01189	-0.06256	0.11462	-0.09641
0.14743	0.00305	-0.14856	-0.14767	-0.14976	-0.1247	-0.13126	-0.03399	-0.11767
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0.10091	0.03019	0.08085	-0.00163	0.04828	0.02629	-0.03306	-0.02497	-0.08004
-0.02984	-0.01004	-0.04479	0.10382	0.03689	0.03284	0.0533	0.05988	0.04035
0.11341	-0.00976	-0.07539	0.09567	-0.00834	0.07152	0.18773	0.18481	0.15378
1.20E-04	-0.09904	-0.10752	-0.04242	-0.02448	-0.00419	-0.08254	-0.18718	-0.17844
-0.09522	-0.18719	-0.04103	-0.07658	-0.04355	-0.0483	0.24311	0.33336	0.2592
0.01879	-0.09605	0.01028	-0.08166	-0.03882	-0.05031	0.12707	0.14844	0.11495
-0.00289	-0.18319	-0.03342	-0.05304	-0.02066	-0.08686	0.0732	-0.05039	0.13959
0.06502	-3.40E-04	0.15066	0.13326	0.20312	0.14517	0.00704	0.05863	0.00602
0.01656	0.18432	-0.47662	-0.09986	-0.36298	-0.09566	0.47855	-0.02248	-0.17359
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-0.11433	-0.1197	-0.00436	-0.06148	-0.07693	0.00156	0.01595	8.20E-04	-0.03823
0.06013	-0.06144	0.0669	0.10039	0.13945	0.11962	-0.13383	-0.04058	-0.1043
0.18189	0.02886	0.24213	0.17985	0.00793	-0.08849	0.26935	0.26418	-0.16309

0.18994	0.1949	0.03174	-0.03316	0.00499	-0.03133	0.04119	0.1402	0.14539
0.04048	0.04595	0.03042	-0.09369	-0.0155	-0.04871	-0.01007	0.1748	0.08214
-0.03948	-0.07906	0.10476	0.21334	0.24831	0.1969	0.51881	0.60928	0.60738
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-0.39574	-0.57491	-1.27414	-0.78254	-0.52504	-0.74308	-0.7727	-0.27832	0.01274
-0.00244	-0.01198	-0.07885	-0.14518	-0.04653	-0.05512	-0.1481	-0.00615	-0.1655
0.01393	-0.01275	-0.12327	0.04559	-0.08432	0.03732	0.04635	-0.06841	0.08549
0.03265	0.03035	0.02874	-0.01238	0.00141	0.04538	-0.02607	0.10181	0.02695
-0.02069	-0.0963	0.06088	0.05788	0.11167	0.0976	0.01814	0.10144	0.05565
0.07975	0.09698	0.00743	0.07395	0.07792	0.08204	-0.01099	-0.04579	0.0174
0.14767	0.01235	-0.05428	0.00739	0.03153	0.00509	-0.09806	-0.10394	-0.04614
-0.00183	-0.09093	0.0665	0.12599	0.10209	0.14663	0.02525	-0.00272	0.03062
0.18161	0.1393	0.00246	0.1583	0.14822	0.07158	-0.02561	-0.00456	-0.08603
0.09685	0.07472	0.05695	-0.02797	0.01666	0.03922	-0.03744	-0.01056	-0.02638
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0.0902	0.04972	-0.07636	-0.02588	-0.05774	0.01177	0.11709	0.16391	0.17283
0.05488	0.09849	-0.04575	-0.02936	0.0417	0.05233	-0.01794	-0.05747	-0.05894
0.02468	-0.07832	-0.00769	0.02762	0.03586	0.03869	0.02385	0.03165	0.02885
0.04844	-0.04296	0.00994	0.02323	0.01825	0.06175	0.04452	0.07062	0.02371
0.14374	0.09523	-0.19473	-0.11026	-0.2125	-0.09859	0.00627	-0.01091	-0.05258
0.07278	0.09801	-0.0171	-0.00662	0.07684	-0.00594	-0.31602	-0.36992	-0.39135
0.06866	-0.03607	-0.18933	-0.04874	-0.1131	-0.03101	0.01009	0.01966	0.07765
0.13543	0.16513	-0.15794	0.03053	0.05772	0.03681	-0.12822	-0.24661	-0.23186
-0.00814	0.14339	0.04159	-0.05439	0.00715	-0.02616	0.04267	0.01363	-0.08628
0.05706	-0.10037	-0.0294	0.01478	0.0534	-0.10616	0.08992	0.16206	-0.04008
0.08083	0.10259	0.03309	-0.06406	0.04685	0.03688	0.11167	0.14828	0.01398
0.13015	0.11905	0.37387	0.4191	0.38358	0.40485	0.02695	0.10345	0.14587
0.0687	-0.10556	-0.30514	-0.15717	-0.16773	-0.23066	0.12136	0.07656	0.13685
0.14644	0.05128	-0.22038	-0.11851	-0.08224	-0.00879	-0.28095	-0.35485	-0.27766
0.00114	-0.0262	0.01099	-0.02934	0.01583	0.01451	0.17465	0.19797	-0.01642
0.00551	-0.01817	0.06911	0.05804	0.07821	0.12457	-0.17194	-0.20551	-0.19372
-0.05	-0.12787	-0.14569	0.08761	-0.05883	0.07591	0.10005	-0.0042	0.11252
0.01796	-0.12739	0.04263	0.17551	0.11378	0.19983	0.02104	0.12486	0.09007
0.01032	0.04759	0.03032	0.0136	0.0837	0.04954	-0.06454	0.11049	-0.04468
-0.03595	-0.01001	-0.04601	-0.01456	-0.17763	-0.1495	0.01629	-0.109	-0.14366
-0.56809	-0.49965	0.24712	-0.04831	0.16616	-0.2381	-0.05618	0.1277	-0.60771
0.20137	0.26108	-0.25813	-0.23799	-0.18584	-0.1746	0.07885	0.1446	0.12085
-8.40E-04	-0.0417	0.04141	4.60E-04	0.05271	0.02747	0.13423	0.13542	0.13767
0.00385	-0.06835	0.06427	0.03146	0.11022	0.03478	0.00708	0.04392	0.06792
0.14654	0.22853	-0.06452	-0.1589	-0.05509	-0.08024	0.01276	0.12778	0.05416
-0.05648	-0.0055	-0.04623	0.05955	-0.0361	0.01153	0.10522	0.08434	0.15144
-1.90E-04	2.90E-04	-0.06116	0.02847	0.07389	0.06276	0.04506	-0.03035	0.00412
-0.0063	-0.06807	-0.12662	-0.05927	-0.05721	-0.032	0.12283	0.17985	0.10176
-0.08295	-0.09072	0.03909	0.12721	0.01999	0.05264	0.1327	0.14823	0.06999
0.10822	0.06399	0.06758	0.14874	0.20379	0.15725	-0.01352	0.04536	0.04028
0.066	-0.00985	0.05247	0.0529	0.08906	-0.02297	-0.17546	-0.122	-0.12609
0.06495	-0.00585	0.03771	0.00691	0.10062	0.02279	0.01569	0.05786	0.01635
-0.11299	-0.18722	0.14888	0.10273	0.13781	0.1217	-0.24949	-0.12528	-0.11695
0.07054	-0.00864	-0.02659	0.17005	0.01301	0.11926	0.11302	0.00265	0.08226
0.05437	-0.04243	-0.0548	-0.00228	-0.08919	-0.00361	0.0574	0.12548	0.05
-0.11155	0.02434	0.20655	0.14427	0.03111	0.08369	-0.17656	-0.15422	-0.21524
-0.05799	-0.00328	-0.00785	-0.03499	0.07418	-0.04066	-0.06604	0.04834	-3.50E-04

0.12864	-0.02715	0.08205	0.08838	0.04783	0.07645	-0.03667	0.05259	0.01119
-0.12975	-0.0215	0.18573	0.1223	0.02432	0.09406	0.07723	0.03073	0.17126
-0.04107	-0.04213	0.05405	0.18619	0.12012	0.12839	0.085	0.02599	0.0884
6.60E-04	0.01207	-0.03092	0.05604	0.02673	0.004	-0.0412	0.04889	0.05134
-0.0805	0.02306	-0.06336	-0.09128	-0.16928	-0.09952	-0.02193	-0.11076	0.02968
-0.01195	0.06719	0.03378	-0.01873	0.03559	-0.05315	-0.06773	-0.00161	-0.05139
-0.01513	-0.03159	-0.06088	-0.02772	0.02937	0.02107	-0.09555	-0.08371	-0.03499
-0.02645	0.03045	-0.04358	-0.05721	-0.01303	-0.07974	-0.08509	0.13904	0.00954
0.01015	-0.07289	0.02585	-0.09145	-0.10756	-0.14172	-0.1936	-0.15147	-0.18636
-0.09372	-0.10386	-0.03574	0.03812	-0.02091	-0.00548	0.10096	0.19667	0.15485
0.11208	-0.12034	0.02602	0.08447	0.08125	0.10885	-0.02678	0.12858	0.00496
0.04895	0.05556	0.08232	0.00669	0.10053	-0.09898	-0.03009	-0.08047	-0.22455
0.04374	-0.02466	-0.11641	-0.07692	-0.03464	-0.06034	-0.02593	0.02735	-0.00319
-0.16978	-0.26971	0.26697	0.2897	0.30202	0.34669	0.41548	0.43441	0.42242
0.02246	-0.0861	0.074	0.023	0.14139	-0.0798	-0.01493	0.03586	-0.06503
-0.09621	-0.00631	0.11458	0.22308	0.19158	0.16931	0.01503	-0.00401	0.13133
0.04632	0.02094	-0.01569	0.10708	0.02213	0.06812	0.01883	0.00147	0.14842
-0.01083	-0.08317	0.02154	-0.01322	-0.00538	0.05461	0.02061	-0.00703	-0.03608
0.09032	-0.00579	-0.13711	-0.09428	-0.10794	0.00892	0.0769	0.0997	0.07976
-0.06884	-0.13843	0.01804	-0.03339	0.00498	0.02412	0.14489	0.20075	0.18327
-0.22011	-0.26574	0.05102	0.13913	0.09623	0.15365	-0.06452	-0.01364	-0.00581
0.18285	0.07298	0.17989	0.18409	0.22307	0.1112	-0.17028	-0.0985	-0.10616
-0.03501	-0.07034	0.06008	-0.02599	0.02034	-0.00596	-0.06796	-9.20E-04	-0.06847
-0.07413	-0.0652	-0.04255	-0.11739	0.00444	-0.01405	0.1315	0.17634	0.09892
0.09196	0.05142	0.10939	-0.01111	0.12905	0.00785	0.11374	0.27989	0.15283
0.10146	0.0202	-0.02108	0.05174	0.04082	-0.02347	-0.06876	6.50E-04	-0.0278
0.02729	0.00183	0.10942	0.04167	0.08885	0.06777	-0.07202	0.04768	0.01585
-0.00142	-0.1065	-0.12688	-0.10846	-0.08601	-0.07985	0.0973	0.22345	0.01766
-0.1938	-0.22802	-0.00857	-0.03559	-0.17213	-0.03729	-0.13184	-0.06837	0.00168
-0.09242	-0.08314	0.10604	0.03808	0.14716	0.06136	-0.07609	-0.08271	-0.10182
-0.03416	0.03781	0.00933	-0.01728	-0.06853	-0.01424	-0.20558	-0.18358	-0.09119
0.07522	-2.70E-04	-0.00575	-0.06469	-0.0177	-0.03781	-0.2977	-0.1202	-0.20516
0.02623	-0.04038	0.07086	0.00398	0.09136	0.01767	0.00265	0.07663	-0.0901
-0.11642	-2.60E-04	-0.40432	-0.1336	-0.1325	-0.0607	-0.02898	-0.22847	-0.08045
0.08237	-0.03643	-0.00856	0.00267	0.03456	0.01555	0.011	-0.05234	-0.00957
-0.08428	-0.21698	0.06914	0.04522	0.06554	0.03651	0.00321	0.05981	-0.01821
-0.07349	-0.06864	-0.0637	0.07382	0.00591	0.05905	0.15275	0.10354	0.15401
0.0516	0.06647	-0.04554	-0.11502	-0.0515	-0.1184	-0.11693	-0.06928	-0.06009
-0.14154	-0.14803	-0.00711	-0.08585	0.07943	-0.07192	0.04498	0.105	-0.08574
0.10962	0.10618	-0.1608	-0.18742	-0.00325	-0.09032	-0.205	-0.30154	-0.35153
-0.02547	-0.02727	0.02415	0.09926	0.02641	0.02396	0.07928	0.09021	0.06934
0.10752	0.03803	0.03249	0.01471	0.06655	0.03339	0.17907	0.20579	0.14887
0.11744	0.0893	0.03743	0.06403	-0.03283	0.08633	0.01651	-0.02755	0.06567
0.14305	0.07951	-0.03044	-0.09358	0.01475	-0.04779	-0.03962	-0.08446	0.02778
0.01868	-0.0074	0.04708	0.07296	0.11362	0.09468	-0.00742	0.00725	0.04761
0.01985	-0.02182	-0.02728	-0.00256	0.07528	0.04421	0.07697	-0.02417	0.0719
0.00881	0.00693	-0.07264	-0.06975	-0.0012	-0.09363	0.02018	0.04164	0.00679
-0.02402	0.07325	0.17816	0.13535	0.053	0.14038	0.08314	0.03544	0.14935
-0.0293	-0.00545	0.03994	0.06482	0.05673	0.06687	-0.00824	-0.00747	-0.00104
0.12709	0.13584	-0.05538	0.05821	0.02968	0.03806	-0.00465	-0.01782	0.06403
0.13926	-0.05797	-0.08416	0.18038	0.00677	0.22312	0.25135	0.04932	0.06927
0.09913	0.03527	0.0355	-0.01807	-0.01502	0.093	0.04511	0.11172	0.12289

-0.04369	-0.05397	0.00612	-0.03328	-0.05496	-0.09124	-0.01137	0.02278	0.0318
0.12055	0.18949	0.07777	0.04357	0.03254	0.04346	-0.08388	0.01275	-0.03318
0.06162	0.06456	-0.05454	8.70E-04	-0.04767	8.00E-05	-0.00679	-0.06956	0.00554
-0.03581	0.00863	0.01627	0.08751	0.06874	0.10823	0.12899	0.2352	0.13122
-0.07041	-0.1041	-0.03487	-0.01061	-0.00817	-0.01594	0.00133	0.03678	0.03513
0.28921	0.17253	0.07667	0.12054	0.09438	0.14	-0.4307	-0.33439	-0.30911
0.10805	-0.02948	0.02757	0.01101	0.00694	-0.02083	-0.05716	-0.07018	-0.11732
-0.02054	0.00856	-0.03236	-0.03493	0.00456	-0.05575	0.02561	-0.01896	-0.02746
0.11422	-0.17785	0.04612	0.08281	0.10066	0.10264	-0.0849	-0.01814	-0.08329
0.15657	0.00469	-0.25123	-0.21678	-0.23555	-0.14661	-0.02661	-0.02448	-0.07228
-0.0316	0.03369	-0.1519	0.02889	-0.04663	-0.03109	0.05625	0.05574	0.17287
-0.08716	-0.11573	0.08028	0.15697	0.15112	0.14362	-0.06404	-0.07939	-0.10025
0.15956	0.17318	-0.10202	-0.10704	-0.04424	-0.08935	-0.07263	0.01785	-0.01728
0.01239	-0.04608	-0.19011	-0.02171	-0.08443	-0.03778	0.07517	-0.15131	0.03266
0.08914	-0.21007	-0.39983	-0.27431	-0.20094	-0.01221	-0.07658	0.01459	-0.17471
0.18535	0.07607	-0.05023	-0.10032	-0.04923	-0.00988	-0.03763	-0.06691	-0.07905
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-0.14804	-0.11812	0.05353	0.04963	0.12698	0.08496	-0.03182	-0.02073	-0.05589
0.02076	0.02573	-0.26903	-0.12391	-0.17733	-0.09286	0.06404	0.14635	0.02987
0.21546	0.09333	-0.15022	-0.03894	0.04299	-0.03217	-0.06961	0.01856	-0.01532
0.01022	0.0311	0.06108	0.10426	0.0587	0.06604	0.02154	-0.00181	0.08965
-0.04231	-0.01074	-0.35526	-0.35408	-0.30303	-0.15422	0.1209	-0.00785	-0.02925
0.04248	0.05775	0.03945	0.09194	0.14631	0.08484	0.09713	-0.00533	0.04993
0.29289	0.17617	0.11089	0.17106	0.10853	0.20129	-0.20565	-0.18159	-0.31514
0.02578	-0.02352	0.05957	0.04794	0.11124	0.11736	-0.19767	-0.19131	-0.14562
0.25164	0.15663	-0.07709	-0.01398	0.03466	-0.0221	-0.0098	0.02742	0.07188
0.15467	0.04663	-0.12527	-0.12084	-0.15324	-0.14269	-0.02791	0.00989	0.03055
0.03499	0.05361	0.07921	-0.15012	0.01698	-0.04429	-0.06564	0.04615	-0.02471
0.13558	0.06881	-0.04118	0.00511	0.07346	0.05239	-0.11358	-0.10765	-0.07216
0.00585	-0.17529	-0.05015	0.02376	0.02805	0.07558	0.30653	0.32005	0.23924
0.20919	0.00159	0.06908	0.0873	0.10625	-0.00535	-0.01764	0.23314	0.01819
0.14988	0.01411	0.08906	-4.20E-04	0.11227	-0.01473	-0.0972	-0.04372	-0.03863
0.04278	0.03706	-0.13718	-0.20588	-0.19271	-0.1228	-0.16968	-0.12545	-0.08313
0.00558	-0.05071	0.02127	-0.01957	0.05364	-0.01662	-0.03616	0.06464	-0.06288
0.05689	0.04855	0.08051	0.0754	0.10972	0.06485	-0.02518	-0.02895	-0.01989
0.01558	0.04743	-0.16177	-0.08795	-0.05916	-0.03984	-0.1023	-0.11685	-0.10093
-0.01585	0.06309	-0.01626	-0.1507	-0.03914	-0.06512	0.14438	0.05348	0.047
0.05245	0.03889	0.04142	0.03854	-0.00536	-0.06392	-0.04679	-0.07217	-0.08719
-0.06275	0.01095	-0.30801	-0.0654	-0.1444	-0.12206	0.1343	0.03533	0.04556
-0.02151	-0.00398	-0.039	0.00801	0.057	-0.01137	-0.00614	0.04917	0.05764
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-0.12476	-0.10336	0.03745	0.09151	0.11973	0.08318	0.00553	-0.01235	0.04583
-0.19494	-0.04256	-0.04973	0.05492	0.06863	0.04873	0.29717	0.19874	0.25372
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0.15294	0.12774	0.09471	-0.06919	-0.02136	-0.01293	-0.07537	-0.0315	-0.04847
0.04156	-0.07863	0.00761	-0.00131	-0.00596	0.0219	-0.01205	0.0111	-0.04802
0.07512	0.11992	0.03542	0.14585	0.03598	0.12093	0.04087	0.09479	0.05494
-0.00883	-0.04892	-0.10125	-0.06878	-0.04531	0.02287	-0.14837	0.01885	0.09425
-0.07618	0.02038	0.16705	0.16637	0.06927	0.16759	0.05369	0.1513	0.30352
0.05496	-0.02655	-0.11606	-0.01218	-0.01934	-0.03523	0.23322	0.25234	0.29715
-0.01426	0.00654	0.15641	0.14193	0.03364	0.12662	0.04457	0.0251	0.10564
-0.05261	-0.21644	0.07564	0.23285	0.15767	0.25894	0.1299	0.18227	0.20408

-0.05318	-0.00924	-0.02195	0.00364	0.0568	0.08691	0.0498	0.05212	0.04929
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0.05424	0.09382	0.06618	0.06636	0.12181	0.10686	-0.03714	-0.0217	0.00837
0.06802	-0.00743	0.07471	0.0729	0.04821	0.09008	-0.09178	-0.20429	-0.09879
0.07339	-0.03077	-0.08569	-0.06851	-0.05171	-0.0411	-0.11425	-0.03074	-0.09892
0.08137	0.04344	-0.15394	-0.14146	-0.01756	-0.02039	-0.06311	-0.08138	-0.05859
0.09636	0.02854	-0.03629	-0.07661	-0.00329	-0.00554	0.06225	0.01384	-0.03504
0.2167	0.08881	-0.05769	-0.04336	-0.04305	-0.08587	-0.11524	-0.02778	-0.08534
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0.08743	0.08101	0.0527	0.07231	0.04755	0.12205	0.07635	0.04861	0.05094
-0.071	0.02449	0.06075	0.08396	0.04375	0.0722	0.02351	0.04296	0.13726
0.07545	0.07544	-0.17955	-0.28321	-0.22662	-0.2256	-0.05477	-0.05059	-0.16725
0.1231	0.08667	-0.02	-0.07322	0.01597	-0.03684	-0.09756	0.01676	-0.0479
0.0885	0.10669	0.01266	0.00704	0.05139	-0.0302	-0.00384	0.10098	0.04638
-0.05912	-0.12947	-0.04021	-0.00527	0.03325	0.08776	0.09976	-0.00733	-0.00764
0.24529	0.11126	0.03982	0.0971	0.04498	0.04965	-0.16444	-0.13313	-0.15703
0.00907	-0.06383	0.02115	-0.04335	0.05725	0.03851	0.02966	0.03897	-0.069
0.01881	0.00531	-0.23964	-0.13889	-0.10404	-0.0894	0.03498	0.03311	0.06965
0.066	-0.02233	-0.03152	-0.02303	-0.01436	-0.00744	-0.15025	-0.11515	-0.26633
0.08441	0.08519	-0.16729	-0.02035	-0.0958	-0.05138	-0.04614	-0.04965	-0.11719
0.02326	0.08357	-0.11082	0.04402	-0.04586	0.04797	0.06476	0.15832	0.04092
-0.07189	-0.09771	0.01244	0.00631	0.05173	0.05776	0.04883	0.08741	0.05999
0.13991	-0.03751	-0.0352	0.15553	0.26941	0.10886	0.01291	-0.09517	-0.02189
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-0.06485	-0.04226	0.03978	0.07309	-0.00413	0.02806	0.12335	0.19581	0.21772
0.06394	0.07394	0.0552	0.14408	0.14109	0.13904	0.17067	0.13667	0.11437
-0.10441	-0.02878	0.04928	0.17019	0.0517	0.0983	0.08898	-0.03577	-0.04185
0.02214	-0.06172	0.02894	0.1301	0.08105	0.08701	0.07765	0.00904	0.03924
0.11778	-0.05773	0.01521	0.06826	-0.01898	0.07264	0.03029	-0.04618	0.03463
-0.14314	-0.10101	0.01993	0.01164	0.00318	-0.02942	-0.10729	0.00855	-0.10459
0.0333	-0.13943	0.17459	0.13287	0.16331	0.11023	-0.22869	-0.0572	-0.097
-0.06815	0.10195	-0.05819	-0.02852	-0.01314	-0.01376	0.01377	0.07338	0.02405
0.09593	-0.03472	-0.03413	0.06634	0.03451	-0.05767	0.08857	0.043	0.08529
0.00892	0.02015	0.17558	-0.00891	-0.01172	0.00265	-0.09363	0.08016	-0.0216
-0.00776	-0.03439	0.08033	0.17248	0.06676	0.1375	0.07806	0.12848	0.12338
0.11193	0.08125	0.03654	0.01569	-0.02662	-0.04394	0.01438	0.02575	-0.05124
-0.33122	-0.40873	0.24239	0.25996	0.29401	0.23439	-0.25808	-0.28556	-0.39216
0.17631	0.14883	-0.0048	-0.00529	0.01067	0.01237	-0.17507	-0.14812	-0.14413
-0.27603	-0.28136	0.04487	0.00328	0.07769	0.03684	-0.00844	0.05734	0.00464
-0.09855	0.01523	0.12949	0.11265	-0.02354	0.08023	-0.12575	-0.06388	-0.13401
-0.064	-0.02781	-0.05366	-0.06121	-0.04226	-0.05657	-0.00306	-0.11128	-0.15453
0.11583	0.08284	-0.24711	-0.17145	-0.17499	-0.17111	0.08503	0.02622	0.01112
-0.01255	-0.07528	0.20605	0.13288	0.13452	-0.01295	-0.03618	-0.01701	-0.0151
0.07277	0.01675	-0.02591	8.00E-05	0.01116	-0.00937	-0.06003	-0.03393	9.10E-04
0.0336	-0.02686	-0.18942	-0.12248	-0.07975	-0.12713	-0.01911	0.00278	-0.0977
0.00691	0.02002	0.06314	0.0309	0.10182	0.08966	-0.01489	0.0115	-0.0255
0.0054	-0.12006	-0.15868	-0.09515	-0.0255	-0.00276	-0.04798	-0.01503	-0.07553
0.21249	0.08419	-0.09974	-0.01387	-0.00863	-0.04371	-0.1318	-0.1762	-0.08285
-0.10469	-0.06069	0.3081	0.0995	0.16905	0.14553	-0.09924	-0.10171	-0.14704
-0.03858	-0.04506	-0.08319	-0.08435	-0.00919	-0.10101	0.18468	0.23907	0.23068
-0.0177	0.0631	0.02993	0.1206	0.01542	0.05326	0.13511	0.08501	0.14576
0.05873	-0.02236	-0.0404	-0.0767	-0.13253	0.00432	0.1076	0.03609	-0.06041

0.05347	0.03225	0.06465	0.12627	0.08556	0.13804	-0.03876	-0.08443	-0.07824
0.01966	-0.05377	0.01699	-0.00554	0.05262	-0.04713	-0.05345	-0.04236	-0.0451
0.08084	0.07257	0.05839	0.10958	0.17685	0.13702	-0.06595	-0.10157	-0.09305
-0.15486	-0.08164	0.0869	0.14432	0.16015	0.16167	0.02035	0.01522	0.03359
0.06693	-0.01204	0.16665	0.03355	0.08849	-3.80E-04	-0.09735	-0.0115	-0.06906
-0.01319	-7.40E-04	0.05301	0.00585	0.00804	0.03698	0.03634	-0.00313	-0.00133
-0.1063	-0.03279	0.08538	-0.0103	0.02149	-0.00131	-0.02116	-0.03921	-0.00392
0.13918	0.06397	-0.00564	-0.02824	-0.0122	-0.00652	-0.15807	-0.11356	-0.12144
-0.07752	-0.09244	0.03712	0.11881	0.11511	0.15556	-0.01508	0.0017	0.03179
0.14883	0.03745	-0.40429	-0.15841	-0.10403	-0.20726	-0.17653	-0.36017	-0.17174
-0.04717	0.02408	0.07809	-0.04363	0.04048	0.09708	-0.01604	0.12845	-0.01656
0.081	0.15941	-0.06777	0.09779	-0.01473	0.04884	0.0214	0.04134	0.0187
0.03007	-0.10926	-0.24552	-0.18514	-0.15994	-0.15287	0.07476	0.09627	0.10648
-0.00868	-0.04568	-0.01833	0.01196	0.03857	-0.00737	0.13911	0.1242	0.12635
-0.01768	-0.01872	-0.11804	-0.00744	0.01285	-0.02995	0.0351	0.05907	0.08074
0.07186	0.08315	0.14878	0.26025	0.23458	0.26731	-0.05773	-0.1064	-0.03317
-0.10982	-0.20742	0.04552	0.09123	0.06762	0.09996	0.04949	0.10485	0.06721
0.04945	-0.06098	0.0396	0.06614	0.06784	0.03133	-7.50E-04	0.07904	0.06059
-0.05633	-0.03678	0.06301	0.00424	-0.01191	0.02652	0.031	0.10953	-0.00549
0.051	0.00249	-0.01828	0.07606	0.05842	0.06648	0.0568	0.06973	0.1286
-0.00254	-0.03625	0.07084	-0.01075	0.05225	-0.02145	-0.06146	0.03352	-0.03686
0.02139	-0.10871	-0.04625	0.03553	0.06144	0.07483	0.20029	0.17711	0.14286
0.08863	0.02245	0.17968	-0.07935	0.05047	0.00735	-0.03026	0.09621	-0.05916
-0.01808	0.06574	0.01463	-0.07667	-0.06506	-0.02419	-0.11442	-0.05618	-0.17136
0.09922	-0.00553	-0.08873	-0.0672	-0.02248	-0.00798	0.03858	-0.01056	-0.0574
-0.12416	-0.31169	-0.1156	-0.14157	-0.16494	-0.23963	-0.04558	0.08652	-0.09465
0.09182	0.07531	0.04848	-0.01024	0.02397	0.00412	-0.04622	-0.01753	-0.05385
-0.03897	-0.16805	0.19557	-0.02802	0.12387	0.12876	0.07623	0.11987	0.05901
0.11891	0.0202	-0.01903	-0.04119	0.01296	-0.02381	0.03541	0.08057	0.06567
0.02927	0.06516	0.01178	0.07582	0.04595	0.08609	0.03767	0.0313	0.04192
0.11895	-0.01615	-0.07638	-0.00462	-0.03556	-0.00166	-0.13227	0.01156	-0.06975
-0.01285	0.00537	-0.00742	0.02105	-0.03404	0.02068	-0.05236	-0.00321	-0.00183
-0.00495	-0.00685	-0.0387	-0.04334	-0.05403	-0.09686	0.00115	0.00942	0.05361
-0.22506	-0.21127	0.12989	0.10596	0.18034	0.16691	-0.00146	0.03992	-0.01889
-0.33574	-0.36271	0.34485	0.31282	0.36921	0.25618	-0.51081	-0.43163	-0.46706
0.18034	0.06416	0.00732	-0.08562	-0.01633	-0.03554	-0.06952	0.0203	-0.09171
-0.06401	-0.05924	0.18377	0.23074	0.18035	0.20407	-0.00439	0.05026	0.07351
0.06015	0.03594	-0.05279	-0.03409	-0.12144	-0.00512	0.09754	0.07866	0.04219
-0.06106	-0.03535	0.03625	-0.00185	-0.05902	0.01437	0.11976	0.07584	0.0764
0.07727	0.05423	0.01066	-0.04187	0.04742	0.00519	-0.07255	-0.10583	-0.09472
0.09579	-0.01804	0.0239	0.09607	0.12813	0.07054	0.01065	0.0302	0.02334
0.0488	-0.08864	0.13128	0.00662	0.12069	-0.06163	-0.08075	0.20843	0.012
0.09382	0.02684	-0.12592	-0.03171	0.03526	-0.01992	-0.10021	-0.03907	-0.06381
0.53946	0.28601	-0.10088	0.02438	-0.0657	0.03019	-0.24452	-0.27689	-0.13093
-0.02107	-0.09393	-0.02345	0.06132	0.05273	0.06961	0.11705	0.13396	0.16455
5.70E-04	-0.08383	0.18613	0.13559	0.16965	0.12438	0.02173	0.06638	0.03156
-0.04007	-0.11278	0.06307	0.00349	0.11207	0.04219	-0.02975	0.00485	-0.03688
-0.06782	-0.14022	0.07281	0.03331	0.0537	0.10656	0.13878	0.21203	0.28242
-0.08604	-0.02785	0.01513	-0.07632	-0.0468	0.03607	0.2018	0.17693	0.12081
-0.03572	-0.19551	-0.13265	0.08949	-0.29864	-0.18136	-0.0307	0.01404	0.026
0.09413	0.05146	-0.18577	-0.14754	-0.18261	-0.1526	-0.03434	0.03038	0.00741
0.02578	-0.00973	0.02006	0.00774	0.00204	-0.03335	0.02486	0.07573	0.08247

0.05519	-0.04745	-0.07177	-0.14156	-0.03347	-0.11592	-0.11676	0.09698	-0.03134
0.09719	0.08121	-0.15408	-0.00673	-0.00601	-0.00615	0.09623	-0.06182	-0.01435
0.04969	-0.02099	5.30E-04	0.0704	0.07433	0.08817	0.08026	0.07313	0.10596
-0.18998	-0.26568	0.25137	0.28392	0.18407	0.28082	0.15242	0.1586	0.15998
0.07476	-0.10182	-0.0184	-0.16788	0.01422	-0.11455	-0.20503	-0.0935	-0.19648
0.10276	0.08821	-0.04557	-0.06523	-0.00482	0.01648	-0.02736	-0.06979	-0.02201
0.04514	0.00896	-0.01802	-0.0112	-0.01207	0.01764	0.00417	0.06882	0.00764
-0.02732	-0.00868	0.1167	-0.01992	0.02959	0.04136	-0.00666	-0.01691	-0.00921
-0.06327	0.0042	-0.06832	-0.04584	0.04263	-0.00142	0.0504	-0.12047	0.0178
-0.04077	-0.01545	-0.01307	-0.02544	0.01328	0.04475	-0.03128	-0.08265	0.02103
-0.02498	-0.12745	-0.01478	-0.11513	-0.04291	0.06581	0.17608	0.25193	0.16524
0.01217	-0.03296	-0.02198	0.03278	0.0293	0.0151	-0.08802	0.02615	0.01178
0.05807	0.04006	0.03625	0.00339	0.09489	0.05389	0.01497	0.07726	-0.04493
-0.13554	-0.32479	0.02145	-0.19859	-0.30372	-0.05545	-0.33289	-0.38949	-0.31566
0.1072	0.04424	0.02059	-0.05272	-0.01252	0.01059	-0.08959	-0.12828	-0.06529
-0.00817	-0.00893	-0.04094	0.08085	0.01919	0.06757	0.03398	0.05687	0.09543
-0.015	-0.03919	0.0924	0.10627	0.1301	0.12397	0.04232	0.08548	0.05688
0.09316	-0.0099	-0.00883	-0.04904	0.02845	0.03412	0.06057	0.0467	0.04823
0.06674	0.11252	0.15238	0.14674	0.08146	0.11155	-0.00252	0.0345	0.1117
0.08532	0.04501	-0.11531	-0.05669	-0.10386	-0.08344	0.06017	0.10885	0.08283
0.06038	-0.03971	-0.03584	-0.0521	0.00259	-0.00277	-0.06141	0.003	-0.05833
0.16533	0.12873	0.33434	0.25043	0.19274	0.20754	0.22856	0.1552	0.17213
-0.22366	-0.15523	-0.05192	0.00231	0.01448	-0.03028	0.30394	0.5169	0.39682
0.03437	-0.3018	-0.14331	0.02276	-0.18228	0.26559	0.07998	-0.19444	-0.03823
0.13364	0.09931	0.01556	-0.05429	-0.00166	-0.02656	-0.14312	-0.06995	-0.14487
0.08592	0.06297	0.06397	-0.03302	0.06058	0.01502	-0.00145	0.01277	-0.03951
-0.0431	-0.05985	0.01011	0.13429	0.13095	0.0454	0.01833	-0.02197	0.06939
-0.14157	-0.27078	-0.20813	-0.1709	-0.17895	-0.15467	-0.01183	0.12164	-0.09332
0.04052	-0.05783	0.02181	-0.0041	0.07149	0.04504	0.07845	0.06706	0.05453
-0.13116	-0.43949	-0.33466	-0.41022	0.09179	-4.70E-04	0.22035	0.03981	-0.15946
0.03346	-0.02095	-0.0428	0.04233	0.04276	0.02349	-0.02177	-0.01739	0.05005
-0.11964	-0.01044	-0.02496	0.06312	0.05537	0.14134	0.02575	0.05843	0.13247
0.00222	-0.02512	0.00902	-0.0196	0.02371	-0.07893	-0.04078	0.10115	-0.09924
-0.04189	-0.09806	-0.05834	-0.0805	-0.03506	-0.0744	-0.14491	-0.11363	-0.11773
0.05262	-0.10564	0.0116	-0.08151	-0.07259	-0.06854	-0.15442	-0.05351	-0.11605
0.05178	-0.01152	0.02597	0.08789	0.04781	0.08526	0.02537	0.05345	0.08007
-0.01453	0.07984	-0.02693	-0.07999	-0.18509	-0.06591	0.04306	-0.13169	0.0137
0.05855	0.03421	0.02787	0.04407	0.0561	0.02969	-0.10977	-0.09073	-0.10119
-0.00568	-0.00971	0.0031	-0.0648	-0.00411	-0.03254	-0.01534	-0.02377	0.03807
0.15454	-0.0348	-0.00389	-0.13614	0.02372	-0.0277	-0.07592	-0.03195	-0.09064
-0.02489	0.02464	-0.03418	0.07934	-0.01802	0.06954	0.05012	0.02237	-0.03671
-0.08366	-0.06659	0.10526	0.05784	0.11731	0.09108	0.00953	-0.00617	-0.01999
-0.01776	-0.04922	0.04314	0.03861	0.0921	0.01343	-0.03085	0.09181	0.0543
0.0957	0.06265	-0.03849	-0.05758	0.00879	0.03349	-0.0999	-0.04678	-0.04945
-0.02879	-0.0542	-0.05423	-0.12984	-0.01844	-0.06114	-0.17984	-0.18697	-0.18193
-0.09999	0.05688	0.06847	-0.31614	-0.02408	0.27189	0.11698	0.2311	0.16922
0.00929	0.00483	-0.09749	-0.10153	-0.05431	-0.0631	0.42328	0.39086	0.30818
0.10171	0.04889	-0.01067	0.04934	-0.0082	0.05195	-0.00562	0.04414	0.04446
0.07278	0.00991	-0.05773	-0.01544	0.02731	-0.01006	-0.06526	0.03811	-0.073
-0.10471	-0.09776	0.15983	0.22266	0.10958	0.24984	0.15135	0.07761	0.10617
0.00298	-0.04641	-0.00266	0.05716	0.1208	0.03316	0.19547	0.3188	0.28896
0.19674	0.19235	-0.14046	-0.09307	-0.13237	-0.08325	-0.13841	-0.07848	-0.03265

-0.06263	-0.06488	0.01372	-0.00696	0.05804	0.04814	0.07147	0.06092	0.06807
0.08359	-0.06191	-0.23107	-0.02994	-0.21358	-0.17546	0.29769	0.30582	0.14539
0.00335	-0.14501	0.02335	0.22761	0.07967	0.11599	-0.00628	0.06162	-0.05591
0.03695	0.062	0.05554	0.02107	0.05118	0.03076	-0.05695	-0.03026	-0.02902
0.0157	-0.01745	-0.06092	0.05637	0.05089	0.03567	0.10789	-0.06168	0.02211
0.02678	-0.06067	-0.10879	-0.06839	-0.027	-0.05069	-0.0095	-0.05587	-0.03626
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-0.04766	-0.00892	0.0547	0.19988	0.09793	0.16631	0.15625	0.09494	0.2515
-0.15315	0.04255	0.07847	0.08537	-0.0608	0.05337	0.14123	0.05949	0.22502
0.16254	0.15596	0.00965	-0.06805	-0.07965	-0.05766	-0.07329	-0.07216	-0.07108
-0.02049	-0.07714	-0.02232	-0.09302	-0.09164	0.01192	-0.07413	-0.04613	-0.03532
0.03269	-0.07891	0.12605	0.17128	0.15079	0.19303	0.02422	0.13796	0.04154
0.42356	0.40645	0.53795	0.48815	0.5218	0.47858	-0.34358	-0.22573	-0.24346
0.0102	-0.12696	0.11829	0.07846	0.09879	0.02724	-0.15146	-0.11152	-0.18372
0.06141	-0.09281	-0.24223	-0.11375	-0.15147	-0.08297	-2.70E-04	0.04421	0.04489
-0.21147	0.01328	-0.05852	-0.10633	-0.11137	-0.00671	-0.02115	-0.0835	-0.12332
0.02501	-0.03047	0.19503	0.19024	0.12661	0.17188	0.05199	0.18155	0.13665
0.11382	-0.17851	0.05213	0.0453	0.10062	0.1249	-0.05258	0.0699	-0.08829
0.10799	0.02994	-0.0921	-0.10172	-0.04518	-0.04129	0.03583	0.03379	-0.01892
0.14831	0.08057	-0.03642	0.02674	0.08944	0.05939	-0.03379	0.08064	0.02593
0.21881	0.08574	0.00622	-0.05942	0.04015	-0.03425	-0.05201	0.01375	-0.0626
0.02733	0.01396	-0.00974	0.0158	-0.03288	-0.08139	-0.02565	-0.04922	-0.03137
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0.05716	0.05516	-0.05187	0.02939	0.00788	0.02513	0.02284	-0.02594	0.02879
0.04909	0.07139	0.03553	-0.03418	-0.05246	0.02758	-0.15028	-0.02888	-0.05673
0.13982	0.1927	-0.00658	-0.07596	-0.05742	-0.04544	-0.03037	-0.05111	-0.11451
0.04718	0.10239	0.03617	0.06175	0.09552	0.0909	-0.10711	-0.02483	-0.0792
0.05479	0.00356	-0.09299	-0.03778	-0.01148	0.00116	0.00103	-0.0286	0.07288
0.23486	0.13441	-0.00608	-0.04588	-0.04409	-0.05633	-0.1195	-0.03208	-0.12892
0.15682	0.05541	-0.07661	-0.02418	-0.18131	-0.01125	-0.2685	-0.09757	-0.22203
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0.07434	0.15305	-0.02952	-0.03602	-0.12499	-0.11493	0.12901	0.04719	0.10341
-0.0069	-0.05159	-0.12213	-0.12353	-0.09512	-0.16444	-0.2817	-0.26055	-0.13664
0.04514	-0.00131	-0.08879	0.05732	-0.00243	0.00602	0.01086	0.03981	-0.0693
0.00795	-0.06374	0.08319	0.03341	0.07258	0.05108	0.03951	0.14166	0.16808
0.04281	-0.0779	-0.03999	-0.06074	-0.05574	0.07305	0.05456	0.12501	0.0779
-0.09272	-0.00947	-0.02829	-0.03314	0.00843	-0.01372	0.01453	-0.08617	-0.01155
0.13426	0.08052	-0.08385	-0.07513	-0.0153	-0.05239	-0.13447	-0.08453	-0.07287
0.04306	0.01613	-0.03421	-0.03578	-0.09241	0.03437	0.02861	-0.06186	-0.00142
-0.0516	0.00193	-0.02728	-0.0123	0.04417	0.05707	0.29358	0.16092	0.29212
0.58015	0.47862	0.61467	0.66306	0.62793	0.67708	-0.23233	-0.27129	-0.25965
0.0569	-0.01367	-0.03976	-0.09152	-0.01664	-0.06157	-0.03507	-0.07959	-0.05289
-0.0604	-0.05075	-0.04507	0.02897	-0.10715	-0.06096	-0.08346	-0.02288	-0.09596
-0.05065	-0.20612	0.0471	0.07692	0.11684	0.06935	-0.01342	-0.00488	-0.04642
0.02811	-0.11663	-0.17317	-0.18571	-0.1151	-0.14005	-0.05759	0.01942	-0.0237
-0.00959	-0.02235	0.19416	0.05888	0.1225	0.08859	-0.07168	-0.12202	-0.24144
-0.00611	-0.0321	0.00836	-0.02137	0.02328	-0.02719	0.06457	0.04496	0.02195
-0.03159	-0.06006	-0.20157	-0.10542	-0.15437	-0.04108	-0.08314	-0.06542	-0.16353
-0.03648	0.04116	0.04162	0.05356	-0.03082	0.06005	0.00283	0.11083	0.06694
-0.12493	-0.04856	-0.1603	-0.06798	-0.14032	-0.0372	0.0562	0.04789	-0.07158
0.0669	0.01932	-0.00396	0.01909	0.09005	0.04104	-0.01112	0.01562	0.05557

-0.09966	-0.03309	0.13143	-0.04511	-0.20509	0.02927	0.06725	0.04832	-0.03837
-0.04974	-0.10645	0.07368	0.0257	-0.13976	0.01289	0.14101	0.13544	0.10758
0.0347	-0.0095	-0.28956	-0.08088	-0.15462	-0.09523	0.13785	0.02342	0.11265
0.07142	-0.08979	-0.14192	-0.1879	-0.08236	-0.10946	-0.16531	-0.21642	-0.26111
-0.04621	-0.1212	0.07782	0.02571	0.08925	0.07601	-0.07327	-0.02555	-0.04126
0.00107	-0.10153	0.04638	0.0101	0.0935	0.06051	0.04361	0.07378	-0.0071
0.0571	0.04159	0.06843	0.13463	0.13101	0.15503	0.10948	0.01277	0.05157
0.03237	-0.12994	0.08763	0.10606	0.02408	0.15315	0.05026	0.09113	0.02172
-1.25484	-1.10746	-0.0289	-0.09244	-6.00E-05	0.13664	-0.33259	-0.67436	-0.41548
-0.01222	-0.15773	0.09355	0.12604	0.11944	0.14859	0.0845	0.16018	0.14319
-0.00432	0.00995	-0.05467	-0.01922	-0.05456	-0.066	0.11885	0.13314	0.09799
0.04735	-0.05577	-1.60E-04	-0.01637	0.08318	0.0666	0.00578	0.02107	0.00633
-0.10053	-0.05243	-0.0963	0.09004	0.10855	0.03426	0.01967	-0.0051	0.07616
-0.1693	-0.15097	0.38268	0.38349	0.42243	0.50649	0.29855	0.34585	0.29381
0.06255	0.11985	-0.00415	-0.03405	-0.00921	-0.06208	-0.09734	-0.02922	-0.0575
-0.08756	-0.06038	0.00693	0.0763	0.02422	0.07139	0.15576	0.17062	0.21264
-0.06441	-0.04797	0.06927	0.12402	0.13439	0.06778	0.05894	0.22826	0.15728
0.13313	0.11263	0.08279	0.00695	0.05984	0.00539	-0.07665	-0.02262	-0.10622
0.11456	0.01518	-0.03025	-0.03577	0.03648	-0.00476	-0.09695	0.04287	-0.09237
-0.18267	-0.22535	-0.85511	-0.63163	-0.87958	-0.57105	-0.27703	-0.35761	-0.30895
0.02081	0.05502	0.07416	0.09715	0.09355	0.03439	-0.0294	0.02117	0.07413
0.00351	0.01248	0.11176	0.10232	0.08201	0.00868	0.03483	0.08971	0.08823
0.03269	0.00704	0.12247	0.06965	0.04667	-0.04091	0.03736	0.1	0.07404
0.10322	-0.01131	0.0186	-0.0161	0.02038	0.0783	0.10791	0.21267	0.17201
0.10361	0.02857	0.0672	0.10976	0.15619	0.1342	0.19507	0.25411	0.16077
0.0368	-0.0051	0.0795	-0.02885	0.03138	-0.08893	-0.15722	-0.02423	-0.12711
-0.30804	-0.4669	-0.2086	-0.14144	-0.20274	-0.19267	-0.11897	-0.01693	-0.08289
-0.0203	0.06006	-0.05538	0.00577	-0.15336	-0.02761	0.05044	0.11303	0.0423
0.0766	-0.00216	-0.05045	0.03464	-0.07598	0.01933	-0.07251	-0.05964	-0.14795
0.03415	0.04586	-0.01545	-0.00579	0.10623	0.04433	-0.05246	0.01537	-0.00783
-0.27832	-0.32141	0.1375	0.32221	0.19176	0.21535	-0.04232	0.07326	0.04425
0.07978	0.00965	0.14027	0.05885	0.11045	0.01507	-0.04659	0.10049	-0.07043
0.02377	-0.06198	0.00751	0.01198	-0.00344	-0.00482	0.04634	0.18464	-0.05248
0.02927	0.08791	-0.12971	-0.03416	0.00816	-0.04182	0.01013	0.05314	0.11686
0.1124	0.00356	-0.01091	0.02015	0.06359	0.09084	-0.12136	-0.08881	-0.09364
-0.39632	0.26429	-0.58536	-0.17189	-0.30372	-0.12899	0.54761	0.62252	0.63968
9.80E-04	-0.0246	-0.05531	0.01484	-0.06375	0.02192	-0.02467	-0.0348	-0.03194
-0.07815	-0.09318	-0.03304	-0.01544	0.02283	0.02206	-0.00645	0.05744	0.00789
0.03229	-0.03938	0.02901	0.10879	0.08174	0.10757	0.06083	0.05594	0.10645
0.05146	0.02528	-0.02903	-0.02085	0.05733	0.04561	0.00526	0.01156	0.01823
0.02952	-0.05136	-0.07379	0.03268	-0.0398	0.0333	0.04268	0.06398	0.03172
-0.06799	-0.07146	-0.08978	0.07652	0.05108	0.01033	0.12591	0.07811	0.12298
0.06481	0.04834	0.03903	0.01996	0.04637	0.0848	0.06637	0.06572	0.1627
-0.02212	-0.03568	-0.15163	-0.02369	-0.11211	-9.00E-04	-0.02859	-0.05618	-0.11574
0.02793	0.10833	0.07149	0.0682	0.0497	0.06271	0.07154	0.13466	0.23671
0.04497	0.07448	-0.212	-0.04543	-0.06275	-0.13274	0.07813	0.07628	0.14118
-0.04456	-0.038	-0.44224	-0.18647	-0.25398	-0.1087	0.11912	-0.27657	-0.07298
0.15735	0.11406	0.2945	0.31754	0.30051	0.30781	0.04887	0.19748	0.13533
0.10531	-0.02151	0.11016	-0.00506	0.06897	0.02419	-0.04742	0.07527	0.02898
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0.02227	-0.08457	-0.10815	-0.12884	-0.07902	-0.11862	0.07163	0.1758	0.12517
-0.20503	-0.31386	-0.51885	-0.18856	-0.32337	-0.32615	-0.07224	-0.0598	0.19015

-0.00709	-0.10107	-0.10644	0.08429	0.02008	-0.03421	-0.01694	0.07931	0.0987
-0.13523	-0.04085	-0.13698	0.01477	-0.09077	0.0777	0.32514	0.31712	0.46271
0.16618	0.10115	0.06054	0.00881	-0.01135	0.05818	-0.10982	-0.14865	-0.23612
0.07358	-0.03429	-0.03439	-0.0393	-0.05246	-0.08925	-0.12861	-0.06636	-0.13491
0.031	-0.05801	0.08913	0.10916	0.15837	0.13439	0.09084	0.0588	0.10704
0.114	0.03367	-0.04099	-0.09283	-0.12506	-0.08091	-0.01076	0.01861	0.08296
0.01646	-0.00379	-0.12431	-0.07936	-0.02974	-0.08138	0.01494	-0.07124	-0.05902
0.08819	0.02018	0.03711	-0.04198	0.00227	-0.05721	-0.10131	0.03777	-0.08268
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0.07083	0.1348	0.28622	0.08676	-0.33864	0.21352	0.42418	0.25673	0.30258
0.11144	0.07389	-0.06724	-0.05125	0.01959	0.01078	0.06174	0.21216	0.09437
0.11911	-0.09257	-0.14846	0.007	-0.00817	0.05047	-0.00923	-0.03729	0.10005
-0.04811	-0.11037	-0.01369	0.07932	0.04193	0.10355	0.00253	0.05185	0.03277
0.17066	0.07792	-0.10848	-0.09099	-0.04997	-0.09105	0.08748	0.12448	0.0988
-0.04436	0.20535	-0.09801	0.12648	-0.0518	-0.04561	0.26143	0.19335	0.30223
0.04415	0.03628	-0.01354	-0.0464	-0.02873	-0.00755	-0.0416	0.02198	0.07448
-0.07574	-0.05029	-0.02764	0.01507	0.01231	0.01875	0.08202	0.1305	0.11039
0.00217	-0.019	-0.03505	0.12095	0.04201	0.03662	0.13416	0.06099	0.13762
-0.03145	-0.04636	0.00774	0.05414	0.01657	0.14272	-0.0011	0.12595	0.07099
0.16755	0.08045	-0.12398	-0.13265	-0.08261	0.01555	0.04658	-0.04575	-0.00328
0.02875	-5.20E-04	-0.05164	-0.06138	-0.07274	-0.1242	5.40E-04	-0.01999	-0.03589
-0.1059	-0.10784	0.02387	0.24953	0.16939	0.19835	0.02815	0.04853	0.0693
-0.01584	-0.01928	0.03422	0.07086	0.03147	0.05505	0.07011	0.10238	0.11688
0.07047	0.01497	-0.158	-0.16689	-0.08117	-0.12896	-0.03975	-0.06327	0.00883
-0.15586	-0.06654	-0.29869	0.16499	-0.02063	0.1411	0.20821	-0.15287	0.155
-0.05426	-0.08819	0.06686	0.04893	-0.0389	-0.0274	-0.05086	-0.03869	-0.09463
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0.03107	0.02695	-0.0176	0.13558	0.10867	0.09582	0.11648	-0.0257	0.12429
0.0701	0.12064	0.04579	0.03329	0.06641	0.08993	0.0161	-0.06406	-0.0024
0.09585	-0.04818	-0.09822	-0.0211	-0.0453	-0.0235	0.07745	0.06086	-0.04566
0.13778	-0.19696	0.03271	0.21434	0.17561	0.16175	-0.05868	0.13126	0.01759
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0.03139	0.01569	0.0359	0.01263	-0.07342	-0.00809	0.00241	0.0347	0.08233
0.08878	0.03692	-0.00482	-0.02415	-0.01255	0.01046	-0.03587	-0.04597	-0.022
0.01572	0.06397	-0.03114	-0.0212	-0.00164	7.40E-04	-0.09918	-0.04015	-0.07258
0.09023	-0.05543	0.02851	0.04488	0.13244	0.01352	-0.03187	0.02784	0.00661
0.0829	-0.04143	0.12079	0.16371	0.06284	0.0997	0.12302	0.01864	0.11967
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0.12007	0.11916	-0.16527	-0.19909	-0.12751	-0.20947	-0.34337	-0.16861	-0.30403
0.08389	0.04705	-0.13068	-0.15641	-0.0378	-0.01021	0.13592	0.01394	0.00943
0.11513	0.03315	-0.00271	-0.15564	-0.0762	-0.00641	-0.14425	-0.0771	-0.19526
0.1319	-0.00464	-0.05652	-0.07632	-0.02995	0.07659	-0.09326	-0.08287	-0.06501
0.24723	0.07685	-0.52299	-0.24918	-0.28952	-0.22113	-0.18925	-0.14234	0.05452
0.16979	0.0045	-0.00868	-0.03538	0.0351	-0.00534	-0.05692	0.00183	-0.01362
0.141	0.10314	-0.02897	-0.07959	-0.00411	0.00101	-0.22635	0.00951	-0.12885
0.05638	1.00E-04	-0.08566	-0.04489	-0.02956	-0.07391	-0.08641	0.006	-0.07527
0.01437	0.00476	-0.02605	0.08989	0.11751	0.05876	-0.00487	0.00526	0.06993
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0.31764	0.11474	-0.3138	-0.03133	0.01391	-0.00966	-0.00528	-0.14354	0.13795
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0.05	0.00354	-0.06874	-0.11536	-0.01558	-0.04733	0.17044	0.1608	0.14114
0.01721	0.10713	0.07623	0.14109	0.09175	0.09834	0.04015	-0.03938	0.03355
0.11687	0.02611	-0.07903	0.00363	-0.01998	0.07046	0.03267	-0.02008	0.02809
0.04026	-0.09255	-0.0657	-0.03137	0.03028	0.05397	-0.21252	-0.19839	-0.17288
-0.06149	-0.06552	-0.00931	0.01329	0.02674	0.01381	-0.10261	0.04255	-0.05158
0.17632	0.10073	-0.10845	-0.01122	-0.02041	0.02999	0.01786	0.01208	0.0316
-0.00778	-0.07191	0.07393	0.01188	0.04243	0.0503	0.01825	0.06703	0.04117
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-0.3765	-0.11525	-0.08111	0.01359	-0.37023	-0.034	0.00638	-0.03741	-0.07187
0.09714	0.10792	-0.05101	0.05225	0.05447	0.07041	-0.2264	-0.21224	-0.15142
0.06055	-0.03831	-0.06788	-0.09909	-0.07045	-0.13194	0.16189	0.2126	0.15738
0.12862	0.02242	-0.02024	0.02586	0.07511	0.0796	-0.11946	-0.12005	-0.08681
0.06292	0.03605	-0.05003	-0.04384	0.01306	-0.01529	-0.05658	0.00224	-0.03203
0.08219	-0.04784	0.0776	0.07482	0.07562	0.06102	0.11362	0.15798	0.07939
-0.07062	-0.07079	-0.08275	2.40E-04	-0.04357	0.02401	0.09348	0.09283	0.09606
0.05747	-0.09718	-0.01198	0.01366	0.03707	0.02777	0.00694	0.01773	0.03076
-0.01823	0.10819	-0.06017	0.25627	-0.01742	-0.09115	0.03099	-0.15822	0.09192
0.25087	0.19396	-0.18248	-0.00411	0.0277	0.05634	0.19325	-0.10893	0.15303
0.19512	0.07118	0.03209	0.22022	0.08587	0.15495	0.05319	-0.08293	0.08678
-0.11931	-0.23698	0.15441	0.15982	0.22418	0.15848	0.23442	0.20548	0.23096

m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
0.08198	0.07048	0.02236	0.01462	0.02966	0.10705	0.05457	0.13443	0.09814
0.23085	0.1405	0.10718	0.09652	0.0619	0.87061	0.83653	0.8889	0.92221
0.0539	-0.0065	-0.01201	0.04089	-0.01932	0.04439	0.06411	0.02424	0.03808
0.15922	-0.02966	-0.08028	-0.08545	-0.06406	0.01702	-0.06101	-0.03325	-0.06761
0.05771	-0.05393	-0.1839	-0.06948	-0.10575	0.21851	0.25764	0.13196	0.24386
0.06096	-0.0164	-4.70E-04	-0.01297	0.02573	0.03163	0.05575	-0.10256	0.06102
0.02165	0.06709	0.07285	0.04301	0.07107	0.16379	0.19436	0.14717	0.24998
0.00225	-0.04542	0.07479	-0.0316	-0.00907	0.04344	0.0538	0.01198	-0.01599
-0.12085	-0.10608	-0.10899	-0.07775	-0.08925	0.02532	0.02623	-0.03455	-0.00753
0.1873	0.10949	0.15867	0.1184	0.13444	0.27031	0.41278	0.33922	0.39805
0.10496	-0.01024	-0.03812	0.01162	-0.04012	0.07847	0.07372	0.08353	0.12969
-0.01718	-0.02696	-0.0479	-0.00695	-0.03236	0.00119	-0.03041	-0.00697	-0.02131
0.38464	-0.27841	-0.42355	-0.25151	-0.29665	0.21574	0.31339	0.47555	0.36843
0.06233	0.04167	0.01429	0.02895	0.02425	0.30336	0.26362	0.26148	0.29605
0.05889	0.01446	-0.00206	0.03526	0.03737	0.14438	0.10322	0.15852	0.20469
0.25295	0.03255	-0.05638	0.01526	0.01926	0.31096	0.37833	0.47668	0.37733
0.19733	0.04609	0.06862	0.03563	0.019	0.10447	0.15437	0.11938	0.22059
0.10398	-0.09541	-0.17332	-0.16631	-0.22184	0.20163	0.09959	0.32967	0.15402
0.06187	-0.02648	-0.05795	-0.0982	-0.08898	0.10828	0.17138	0.38322	0.12296
-0.02186	0.09993	0.14022	0.02227	0.00417	-0.02136	-0.06916	-0.00888	-0.0415
0.05706	-0.30501	-0.22339	-0.15011	-0.32605	-0.11033	-0.08842	-0.23318	-0.13216
-0.04464	0.11185	0.07625	0.06796	0.27643	0.04349	0.2143	-0.03476	0.10491
0.25869	-0.10245	-0.17274	0.01344	-0.06837	0.06106	0.0592	0.02904	0.11037
-0.00212	0.03468	0.15234	0.04247	0.15828	0.11813	0.09481	0.08289	0.12534
-0.00862	-0.05553	0.08324	0.0078	0.13361	0.11802	-0.0197	0.00702	0.08732
-0.00512	0.06881	0.13116	0.10388	0.09254	0.16955	0.15096	0.12785	0.16177
0.02142	0.0233	-0.01616	0.05486	-0.00447	0.09779	0.08736	0.07491	0.1223
0.00739	-0.25512	-0.49185	-0.18168	-0.40015	-0.23511	-0.00468	-0.23063	0.04362
-0.03627	-0.19661	-0.08385	-0.13444	-0.07895	-0.19517	-0.10949	-0.11598	-0.08832
0.04489	0.06721	0.08595	0.05215	0.04852	0.18993	0.09838	0.1004	0.08123
0.01756	-0.08532	-0.08308	-0.13518	-0.1419	0.13105	0.01427	0.04409	0.11547
0.06079	0.00692	-0.02065	0.10675	0.00509	0.05717	0.08261	0.0636	0.10659
0.12191	-0.04253	-0.08851	0.01496	0.02005	0.19477	0.19768	0.03845	0.17897
0.11998	0.04184	0.0421	4.50E-04	0.00778	0.17492	0.14487	0.07201	0.16868
0.08599	-0.07648	0.03842	-0.0975	0.02789	0.06291	-0.04557	0.04387	0.01464
-0.05389	0.05923	-0.00109	0.02919	0.0191	0.16268	0.12745	0.20812	0.11884
-0.1629	-0.17229	-0.13406	-0.09628	-0.14708	-0.15162	-0.17449	-0.27121	-0.20779
0.09388	0.14427	0.03499	0.10882	0.03562	0.07361	0.0541	0.20694	0.09333
0.03343	-0.08426	-0.22991	-0.09589	-0.19503	-0.04228	-0.05947	0.2345	-0.00146
-0.0575	0.00545	-0.01198	0.09655	-0.01384	0.16831	0.23132	0.16814	0.20598
0.07322	0.03677	-0.14748	0.01656	-0.1262	0.02724	0.09735	-0.00629	0.07791
0.03586	0.04382	-0.00866	0.09427	0.01311	0.17404	0.13907	0.30006	0.12707
0.16991	-0.0179	0.01931	0.00309	0.00541	0.17631	0.13358	0.10684	0.19075
-0.07918	-0.02375	-0.08151	-0.08149	-0.05757	-0.01467	-0.10113	0.0028	-0.00782
0.05743	-0.02534	-0.0514	0.0137	-0.01347	0.16821	0.21024	0.14662	0.22592
0.00447	-0.06804	-0.00902	-0.04501	-0.01153	0.06579	0.10775	-0.02249	0.07212
0.00646	-0.17458	-0.24307	-0.03188	0.04068	0.23016	0.2114	0.16666	0.1355
-0.07109	0.05385	0.05202	0.01439	-0.10316	-0.02806	0.1092	0.08532	0.0469
0.06291	-0.05771	-0.04915	-0.01971	-0.02459	0.01473	-0.0135	0.17762	-0.03408
-0.01494	0.04601	0.02171	-0.01103	8.10E-04	0.12319	0.04321	0.10437	0.09574
0.08675	0.02268	-0.06433	0.05411	-4.10E-04	0.05703	0.11378	0.19531	0.12805

0.09449	-0.00958	-0.00256	0.01567	-0.04383	0.19199	0.22972	0.14987	0.2286
-0.00361	0.07345	0.00756	0.05523	0.01185	0.14754	0.09525	0.24968	0.16001
0.1488	-0.03773	-0.01254	-0.0244	-0.01398	0.28555	0.18886	0.2758	0.21756
0.0188	0.03713	0.05386	0.02497	0.05778	0.06087	0.05642	-0.01063	0.07728
0.46029	0.06482	0.09624	0.15878	0.07064	-0.27107	-0.22117	-0.28987	-0.21708
0.08877	0.02554	-0.19922	-0.00655	-0.15801	-0.02031	0.0214	0.01517	0.05573
0.06346	-0.03107	-0.13639	-0.08965	-0.09751	0.02659	0.02014	-0.00377	0.00288
0.05843	0.01804	0.08033	0.0289	0.07071	0.2322	0.13445	0.18275	0.17709
0.00602	-0.00222	0.00447	0.06044	0.03486	0.06829	0.08569	0.02418	0.07842
0.1274	0.02267	0.03006	0.04604	-0.02345	-0.0413	-0.04341	-0.07843	-0.01619
0.00659	0.05094	0.16657	0.06423	-0.03835	-0.14987	-0.0469	-0.11057	-0.06385
0.02914	-0.04576	-0.06941	-0.01031	-0.07972	0.09783	0.09193	0.03899	0.1258
0.14107	-0.02077	-0.17616	-0.04922	0.01041	0.16669	0.17458	0.31455	0.21972
-0.10561	0.02036	-0.02266	0.02897	0.10617	0.02037	-7.10E-04	0.22282	0.17082
-0.01489	0.0096	0.00698	0.04853	0.08697	-0.04837	0.01848	-0.08199	-0.02676
0.1409	-0.01357	0.05579	0.02799	-0.014	0.16888	0.14643	0.10818	0.15371
0.08556	-0.04922	-0.11883	-0.03109	-0.04223	0.15708	0.16631	0.1344	0.12916
0.06518	0.1346	0.10435	0.035	0.10178	0.10884	0.1871	0.16732	0.21284
0.05699	0.07339	0.10508	0.077	0.06291	0.24999	0.13753	0.20859	0.17513
0.03852	0.03985	0.23551	-0.0091	0.12021	0.15286	0.20802	0.15729	0.18247
0.14463	-0.04896	-0.20056	-0.05599	-0.10798	0.13884	0.29487	0.41746	0.23168
-0.02763	0.02502	0.03331	0.03599	0.07378	0.11615	-0.00569	-0.03868	0.09737
-0.03243	0.05255	0.04824	0.10704	0.03496	0.06826	0.07445	0.0166	0.0916
0.19306	0.0508	-0.08047	0.02704	-0.05058	0.14383	0.12273	0.2128	0.19185
-0.06176	-0.0132	-0.05235	-0.07667	-0.06146	0.00665	0.06586	0.08041	0.07754
0.04237	0.06624	0.10305	0.07372	0.06461	0.22334	0.14233	0.18457	0.19039
-0.01354	0.01517	-0.00264	0.00301	0.03158	-0.09554	-0.03282	-0.17477	0.01399
0.01808	0.08033	0.13433	0.04679	0.08554	0.17199	0.09869	0.13589	0.10619
0.01873	-0.10602	-0.09701	-0.05613	-0.03092	-0.02607	-0.03088	-0.097	-0.01239
-0.25355	-0.14683	0.01826	0.02494	-0.05153	-0.10971	-0.17823	-0.2709	-0.19008
0.07439	0.01371	0.03088	0.05179	0.02493	0.13396	0.14108	0.15228	0.15682
0.08772	-0.1207	-0.0099	-0.03343	-0.05655	0.04023	0.07114	0.08464	0.08112
0.13008	0.06422	-0.14818	-0.0313	0.07958	0.19583	0.24463	0.43589	0.20201
-0.01359	-0.05258	-0.07978	-0.01296	-0.0741	0.10997	0.11154	0.00218	0.07812
0.10518	0.03843	0.02635	-0.00641	0.05901	0.1021	0.12834	0.05676	0.14728
0.10414	-0.0244	-0.11956	-0.11245	-0.05637	-0.023	-0.03113	0.13124	0.00972
0.04974	-0.08487	-0.04476	-0.03734	-0.06101	0.04662	0.14489	0.0397	0.12605
0.06186	0.09958	0.06613	0.12597	0.10712	0.1016	0.05491	0.1889	0.12485
0.18853	-0.09292	-0.10434	-0.05853	-0.0793	0.12115	0.13108	0.08903	0.13799
0.10283	-0.09468	0.01568	-0.00434	-0.01279	0.16079	0.12948	0.11033	0.35308
0.10933	0.07199	0.19001	0.07437	0.25915	0.16288	0.11019	0.13684	0.14903
0.16999	-0.21535	-0.22135	-0.23705	-0.15583	0.2249	0.25533	0.31873	0.18954
0.09712	0.0454	0.12722	0.04721	0.1555	0.12104	0.19744	0.04648	0.22879
0.08931	-0.38905	-0.37905	-0.30984	-0.35396	0.17186	0.08075	0.06433	0.12239
0.03755	-0.05742	-0.20536	-0.08401	-0.12892	0.08301	0.15284	0.40227	0.15478
0.02008	-0.03564	-0.04433	-0.01332	0.02405	0.06878	0.09381	0.0422	0.00624
0.068	0.07762	0.08279	0.07623	0.10475	0.06323	0.06658	0.03073	0.16918
0.08721	-0.01001	-0.0707	0.03417	-0.06031	0.1255	0.18379	0.05761	0.15944
0.17256	0.04698	0.0086	0.06357	-0.01335	0.14372	0.17805	0.11881	0.20517
-0.06527	-0.09217	0.01028	-0.04042	-0.08608	0.00222	-0.01876	0.00731	0.03297
0.078	0.15024	0.08384	0.08786	0.03296	0.06435	0.16221	0.12648	0.13274
0.12508	-0.00706	0.03208	0.0858	0.04325	0.18488	0.21614	0.10825	0.14892

0.1093	0.08722	0.11247	0.07962	0.07415	0.16478	0.05086	0.10422	0.13873
0.10386	0.06219	0.09061	0.02693	0.00456	0.10615	0.176	0.17415	0.13393
0.05558	-0.23947	-0.19569	-0.03899	-0.06807	-0.06169	-0.04874	-0.14202	0.05678
-0.06376	-0.0479	-0.0551	-0.02552	-0.06099	-0.03636	-0.03996	0.05357	-0.02246
-0.07449	0.01891	0.10718	0.07737	0.11337	-0.0217	-0.05889	-0.03728	-0.08455
0.0475	0.01972	0.06038	0.01498	0.02413	0.06377	0.17854	-0.04072	0.12299
0.08527	0.16537	0.17891	0.11281	0.11152	0.10484	0.13189	0.19208	0.12328
0.03861	-0.02712	-0.06949	0.00568	-0.06656	0.0055	0.04372	-0.03266	0.07056
-0.08644	-0.0736	-0.06027	-0.06481	-0.01015	-0.03814	4.70E-04	-0.16428	-0.0534
0.17034	-0.00315	-0.02842	-0.02046	-0.10746	0.03094	0.06595	0.02441	0.09414
0.11387	-0.13104	-0.12818	-0.12878	-0.10561	-0.03391	-0.02733	0.27121	-0.0086
-0.1356	-0.05609	0.03835	0.09757	0.22623	0.05943	0.11606	-0.12877	0.17453
0.05238	0.03171	0.07281	0.05878	0.02598	0.12295	0.16686	0.06618	0.17529
0.09509	-0.00401	0.03109	0.02004	0.0238	0.06617	0.03679	0.23828	0.05962
-0.06934	-0.08389	-0.05945	0.02298	0.05577	-0.09658	-0.07049	-0.10468	-0.07024
-0.06988	-0.06087	-0.04777	0.04062	0.0373	-0.0098	0.01751	-0.0931	0.12805
0.16424	-0.04335	-0.0881	-0.08203	-0.04907	0.0783	0.1047	-0.05361	0.07852
0.00604	-0.15176	-0.13187	-0.17872	0.00948	-0.03541	-0.08083	-0.14927	-0.04015
0.03088	0.02696	0.08409	-0.05075	0.02608	0.11494	0.18777	0.08325	0.0943
-0.0342	0.08152	0.19886	0.03711	0.0354	0.10012	0.22238	0.11025	0.14576
0.03581	0.10924	0.14096	0.09068	0.09226	0.14848	0.1259	0.23884	0.17907
0.0226	0.03664	-0.11736	-0.02653	-0.10304	-0.08153	0.02009	0.19504	0.06432
0.07689	-0.06779	-0.08113	-0.03272	-0.05314	-0.30203	-0.30505	-0.30295	-0.26904
-0.38703	-0.0252	0.02992	-0.13278	0.03487	0.03961	-0.09012	-0.40145	0.19153
0.07328	-0.01743	0.04274	-0.05718	-0.00745	0.08114	0.12891	0.10105	0.14836
0.15721	0.03289	-0.121	-0.07616	-0.10333	0.0357	0.09811	0.31126	0.10741
0.07306	0.03259	0.10321	0.08933	0.04213	0.21203	0.1945	0.14392	0.21366
0.07483	0.00801	0.04059	0.02287	0.02132	0.15689	0.21207	0.1286	0.22334
0.06962	0.01562	-0.00179	0.01778	0.0227	0.03646	0.09329	0.01123	0.07243
0.14311	0.16276	-0.01879	0.06841	0.04803	0.18347	0.22315	0.14751	0.19503
0.05602	0.13498	0.09368	0.08964	0.09713	0.10371	0.10498	0.40611	0.14295
0.07918	-0.23835	-0.10643	-0.17951	-0.10763	0.12553	0.1526	0.2712	0.14184
0.08513	-0.04226	-0.13124	-0.05224	-0.086	0.01336	0.04304	0.22389	0.02805
0.06475	-0.60243	-0.47191	-0.42222	-0.51014	-0.36159	-0.14411	-0.36359	-0.22082
0.36759	-0.04193	-0.16611	-0.07164	-0.10315	0.18007	0.26371	0.19645	0.33198
0.11683	-0.05801	0.11504	0.10381	-0.04156	0.16065	0.13609	0.05606	0.17585
0.00515	-0.19774	-0.13824	-0.15388	-0.17305	0.0108	0.02275	-0.0704	-0.00932
0.05561	0.07028	0.07601	0.04254	0.08527	0.24857	0.25572	0.22087	0.27814
-0.02097	-0.0968	-0.11281	0.16526	0.07216	0.21325	0.4323	0.20051	0.13883
0.18456	0.10272	0.10389	0.1278	0.14275	0.20592	0.06537	0.16656	0.14087
0.13146	-0.00462	0.06596	0.01449	0.06955	0.07446	0.05329	0.02842	0.06728
0.03424	0.00935	0.00418	-0.00706	0.04434	0.17219	0.16803	0.17325	0.26637
-0.19898	-0.0815	0.0734	0.02714	0.06106	0.24197	0.1213	0.19948	0.19831
0.02432	0.00355	-0.01027	-0.00107	-0.07452	0.05468	0.06776	0.00338	0.05121
-0.01571	-0.04064	0.06381	-0.02945	-0.02683	0.06481	0.00689	-0.05328	0.0105
0.1922	0.03334	0.0567	0.10165	0.11534	0.13058	0.10644	0.07265	0.13852
-5.10E-04	0.0875	0.1087	0.11708	0.09631	0.14965	0.15699	0.06667	0.18082
-0.02774	-0.18336	-0.17943	0.05421	-0.01237	0.04886	-0.08777	-0.08389	-0.03431
-0.41059	-0.52854	-0.40637	-0.42434	-0.50172	-0.65034	-0.59647	-0.78401	-0.69285
0.10226	-0.11465	0.00167	-0.09184	-0.09294	0.11312	0.10677	0.02582	0.04461
0.06611	0.01558	-0.03011	-0.02716	0.30459	-0.01169	0.10302	-0.01094	0.02879
0.02194	0.17229	0.01685	0.08549	0.03284	0.12139	0.14132	0.32484	0.16415

0.08673	-0.00643	-0.0241	0.00326	0.0048	0.13039	0.22807	0.08726	0.2087
0.0933	0.07493	-0.02254	-0.0176	-0.02217	0.1508	0.22693	0.35882	0.16418
0.06277	0.06335	0.10032	0.06382	0.1049	0.17559	0.13135	0.17941	0.18987
-0.0916	-0.07974	-0.15669	-0.08144	-0.11887	-0.05611	-0.0184	-0.08102	-0.02792
-0.00941	0.05497	0.04338	-0.02646	0.04896	0.03307	0.06711	0.12038	0.203
0.08668	-0.16647	-0.35387	-0.23848	-0.23889	-0.00715	0.1523	0.18093	0.04713
0.00129	-0.25275	-0.31676	-0.27262	-0.32396	0.06641	-0.05514	0.14918	-0.00434
0.10621	-0.02121	-0.04372	0.02982	-0.03601	0.08638	0.17922	0.29355	0.17289
-0.14912	-0.27682	-0.26698	-0.26752	-0.29952	-0.51531	-0.54156	-0.61499	-0.47101
-0.21076	-0.03578	0.01504	0.04796	-0.01262	0.02243	0.052	0.09437	0.11499
0.13521	-0.3483	-0.37571	-0.37216	-0.30281	0.07116	0.05983	0.2632	0.10913
0.03772	0.21788	0.27495	0.2089	0.19883	0.06201	0.04485	0.02677	0.04636
0.23567	0.04514	0.04474	0.10083	-0.05688	0.21563	0.25347	0.10026	0.24818
0.09132	0.14089	0.09382	0.0683	0.07547	0.18939	0.20778	0.30583	0.20395
0.02439	0.04371	0.01012	0.00552	0.00886	-0.04264	0.04389	-0.04896	0.01923
0.01955	-0.0474	-0.06373	-0.03268	-0.02144	0.06219	-0.0014	-0.0053	0.07553
0.07234	-0.32706	-0.25967	-0.28649	-0.27303	0.07483	0.05816	0.05327	0.13097
0.19991	0.10859	0.04201	0.06307	0.07805	0.07755	0.09549	0.06544	0.16433
0.1116	-0.08256	-0.17129	0.10819	0.09979	-0.00575	0.03332	-0.20357	0.19393
0.10547	-0.05564	0.07184	0.062	0.06208	0.04065	0.04485	-0.03066	0.05626
0.08409	0.01909	-0.04854	0.00633	0.01147	0.03809	-0.05199	0.06442	-0.01628
0.04702	0.06091	-0.01232	0.06985	-0.01517	0.21281	0.23585	0.18974	0.35863
0.05039	0.12167	0.11476	0.06109	0.07628	0.1344	0.09281	0.26921	0.11542
0.04913	0.14472	0.16657	0.16637	0.14715	0.06979	0.18702	0.11716	0.25276
0.18092	0.05185	-0.04395	0.06719	0.00239	0.04006	0.075	0.02831	0.08253
0.05609	0.02703	0.01414	-0.03613	0.03752	0.241	0.14685	0.47492	0.15867
0.10721	-0.00733	-0.0277	0.06711	0.01138	0.16213	0.21315	0.14989	0.2566
0.0454	0.0455	0.14053	0.07199	0.06536	-0.15109	-0.1354	-0.14968	-0.17602
-0.01893	0.18505	0.1476	0.07909	0.17065	0.02535	-0.01391	0.23976	0.03956
0.12018	0.07389	0.07491	0.04031	0.06499	0.10328	0.23937	0.16782	0.19342
0.03519	0.11211	0.10821	0.13609	0.11011	0.13174	0.27641	0.06621	0.25385
0.04629	-0.14687	-0.11509	-0.16817	0.0282	-0.11868	-0.10678	-0.1939	-0.09058
-0.02801	0.06585	-0.05757	0.14802	0.09853	-0.01193	0.05845	-0.07718	0.14999
0.01793	0.06425	-0.04284	0.13909	0.03331	-0.15313	-0.17733	-0.1536	-0.07158
0.15727	0.02286	0.04826	0.02801	0.04369	0.10612	0.09225	0.18259	0.17832
0.30045	-0.03015	-0.22349	-0.1954	-0.09351	0.15746	0.20394	0.39696	0.18515
0.08184	0.02209	0.15959	0.06883	0.10189	0.202	0.2594	0.08061	0.17904
0.00151	0.05654	0.00364	-0.01887	-0.06941	0.03781	0.08069	-0.01155	0.05744
0.13451	0.10011	0.06412	0.09919	0.09722	0.25833	0.18503	0.24647	0.22946
0.14808	0.02679	-0.10365	0.02885	-0.05871	0.11576	0.11429	0.11805	0.13516
0.01534	0.03529	7.60E-04	0.13885	-0.06143	0.29437	0.21276	0.33067	0.26555
0.14935	-0.02201	0.13166	0.0269	0.06382	0.12611	0.13656	0.0938	0.13762
0.05916	-0.037	-0.00501	-0.04808	-0.03413	-0.03021	-0.07071	-0.07138	-0.02304
0.15352	0.08847	0.1381	0.21284	0.13362	0.15799	0.15341	0.14075	0.08831
0.00509	0.173	0.06585	0.09269	0.12812	0.10199	0.15312	0.03884	0.16361
-0.15862	0.05262	0.00148	0.02999	0.05312	0.06734	0.1173	-0.05116	0.06683
0.08174	-0.09745	-0.08858	0.00591	-0.00866	0.16244	0.20043	0.06606	0.21609
0.05636	-0.0116	-0.02492	0.01756	0.00336	0.05178	0.03121	0.07354	0.05438
0.09551	0.02495	-0.04136	-0.04773	-0.05448	0.18027	0.19081	0.47277	0.26122
0.0129	-5.60E-04	0.00461	0.01942	0.09432	-0.12728	0.02225	0.02126	0.08668
0.07359	0.04345	-0.14446	-0.05313	-0.08866	0.20826	0.16158	0.34904	0.19819
0.10034	0.02031	0.06524	-0.04593	0.01762	0.01881	0.08158	0.09367	0.10029

0.14708	0.05484	0.05491	0.07832	0.07897	0.24965	0.26318	0.28201	0.36066
0.00503	0.23674	0.19492	0.17112	0.20274	0.15772	0.11835	0.25187	0.26358
0.08511	-0.10978	-0.06648	-0.0849	-0.18924	0.04847	-0.02979	-0.01595	0.00408
0.00533	-0.08428	0.0129	-0.06093	0.01327	0.01769	-0.00949	-0.03991	0.0011
0.24749	-0.17127	-0.20174	-0.26873	-0.21073	-0.19687	-0.18829	-0.02031	-0.11526
0.10902	-0.1081	-0.118	-0.07298	-0.09135	0.15361	0.09796	0.13943	0.12643
0.00698	0.03358	0.02995	0.02094	0.00552	-0.03493	-0.10915	-0.07713	-0.0856
0.07278	0.05629	0.13502	0.04337	0.16803	0.15424	0.15325	0.12427	0.19669
-0.00437	0.00464	-0.05941	0.01005	0.04622	0.13003	0.10974	0.1412	0.16616
0.00285	-0.07164	0.00905	-0.07754	-0.00434	-0.11503	-0.1221	-0.10557	-0.08461
0.21549	0.0328	0.02012	0.054	-0.05632	0.10242	0.17564	0.04709	0.19168
0.11428	0.07576	0.06004	0.13024	0.07232	0.09302	0.09306	0.13242	0.10626
0.16035	-0.02128	-0.11214	-0.02761	-0.09403	0.14852	0.18349	0.16522	0.18774
-0.03156	0.06833	0.10037	0.0678	0.12828	0.17913	0.18246	0.12765	0.26447
0.01769	0.05708	-0.04429	-0.02087	-0.00493	0.23864	0.18971	0.40409	0.18883
0.07681	0.03621	0.00494	0.03066	0.07393	0.13699	0.02726	0.04038	0.09122
-0.00521	0.02712	-0.12248	-0.04028	-0.12358	0.04022	0.0915	0.07057	0.13061
-0.05001	-0.05144	-0.11871	0.05019	-0.03208	0.04701	0.0746	0.06698	0.11721
0.01319	-0.02884	-0.04989	-0.08458	-0.10266	0.04588	0.0555	0.10895	0.04973
-0.10296	-0.08898	-0.04538	-0.05069	0.01913	0.10251	0.11963	0.02288	0.17184
0.0084	-0.01436	0.08426	-0.05182	-0.00898	-0.00468	-0.0185	-0.0916	-0.06968
0.1032	0.07932	-0.03636	0.07398	0.00245	0.26709	0.33645	0.3154	0.36693
0.09677	-0.07875	-0.0772	-0.03647	-0.05814	0.12291	0.07642	0.1274	0.18133
0.08356	-0.16101	-0.08951	-0.11923	-0.0393	-9.10E-04	0.05264	0.18066	0.02696
-0.05842	-0.02243	0.07822	-0.0661	0.02279	0.12681	0.00878	0.19322	0.08368
-0.12389	0.02171	0.0212	-0.03213	-0.03919	0.016	0.20621	0.2183	0.11466
0.05388	0.068	0.11981	0.07272	0.11076	0.27386	0.37043	0.22517	0.2934
0.16271	0.03338	-0.04208	-0.00982	0.00764	0.20163	0.22268	0.32468	0.23301
0.13183	-0.09556	0.02338	-0.12566	-0.04355	-0.05286	-0.02644	-0.04664	-0.04104
0.08283	-0.23033	-0.23898	-0.23358	-0.2663	0.06428	0.03262	0.06081	0.08782
0.06056	-0.02594	-0.01518	0.04106	-0.04923	0.09285	0.08053	0.02202	0.07813
-0.01326	-0.07079	-0.0607	0.03015	0.0014	0.23365	0.24235	0.22616	0.25224
0.03037	0.0589	0.10773	-0.00126	0.03398	-0.11012	-0.06294	0.01504	-0.04728
0.12274	0.06338	0.1016	0.02764	0.07048	0.13428	0.07621	0.12528	0.14246
0.05493	-0.00866	-0.02484	0.0324	0.00969	0.1746	0.12845	0.09456	0.13162
-0.0818	-0.15013	-0.04206	-0.03011	0.05156	0.15168	0.212	0.03665	0.16984
0.11539	0.06913	0.08494	0.04621	0.0291	-0.03016	0.05275	0.06867	0.11235
0.03302	0.07827	0.06419	0.13758	0.18594	-0.07857	0.01149	-0.10319	0.03312
0.09622	0.00588	-0.03165	0.07047	0.01446	0.21802	0.37023	0.09345	0.14752
-0.08027	-0.15318	-0.18472	-0.01894	0.06654	0.01146	-0.1365	0.01128	-0.09766
0.11832	0.16366	0.17986	0.18387	0.1281	0.15137	0.1862	0.25698	0.10469
0.20773	-0.15194	-0.06455	-0.19544	-0.10828	0.06036	0.038	0.04598	0.02823
0.04539	-0.02504	0.00782	-0.01406	-0.03887	0.25354	0.28587	0.3353	0.26897
0.07991	-0.08386	-0.14797	-0.07758	-0.14161	0.06354	0.02964	0.01801	0.03789
0.07581	0.02222	0.02581	0.04369	0.10685	-0.11394	-0.1513	-0.11502	-0.04726
-0.06087	0.04698	-8.90E-04	0.04545	-0.02674	-0.02776	-0.07036	-0.05921	-0.05057
0.1678	-0.02622	0.06901	0.08142	0.0427	0.14799	0.15235	0.02361	0.10933
-0.00934	-0.01957	0.14074	0.01233	0.21068	0.08005	0.04282	0.0747	0.10389
-0.09417	0.00107	-0.03923	0.04059	-0.02556	0.00339	0.01505	-0.07173	0.01089
0.20565	0.01351	0.11432	-0.07227	-0.00228	0.24259	0.22608	0.38153	0.20621
0.03665	-0.06982	0.04066	-0.07466	-0.14465	0.04154	0.11766	-0.0468	0.03319
0.05315	-0.12199	-0.12716	-0.12415	-0.09714	-0.15866	-0.16353	-0.14418	-0.09497

-0.06498	-0.1226	-0.08455	-0.03927	0.00143	-0.17597	-0.32276	-0.19885	-0.36715
-0.21595	-0.12006	-0.04746	-0.09885	-0.12361	-0.15441	-0.20009	-0.21656	-0.17506
0.02948	0.07902	0.0662	0.09775	0.06107	0.07463	0.0057	0.06898	0.00451
-0.06513	0.07652	0.04098	0.13779	0.04509	0.00431	0.07361	-0.04888	0.04014
0.00169	0.02953	0.05433	0.08501	0.05495	0.08752	0.0636	0.02125	0.16812
-0.05537	-0.06557	0.00343	-0.03812	-3.20E-04	0.1195	0.05721	0.03436	0.07681
0.07003	-0.03766	0.00967	-0.09738	0.02833	0.0983	0.01695	-0.16278	0.03183
0.06992	-0.00433	-0.01105	-0.04486	-0.00531	-0.14574	-0.0873	0.01681	-0.0371
0.02744	0.05664	0.05748	0.01629	0.05563	0.00101	0.09097	0.11986	0.12042
0.06585	0.03633	0.01836	0.06267	0.03944	0.05978	0.15218	-0.019	0.1999
0.04421	-0.02122	0.01446	-0.02601	0.00375	0.29409	0.25071	0.44644	0.28254
0.06877	-0.19973	-0.18616	-0.15674	-0.18636	-0.01475	-0.05497	-0.02068	-0.01993
-0.06529	0.3078	0.20088	0.34396	0.32751	-0.16922	-0.06251	0.02787	-0.10975
0.08697	0.08154	-0.01874	0.05424	0.00998	0.18477	0.17364	0.17525	0.19572
-0.05972	-0.01508	-0.08968	-0.03035	-0.05206	-0.08594	0.12184	0.01944	0.11812
0.00336	0.04265	-0.04217	0.06221	0.09976	0.17621	0.23679	0.22631	0.18662
-0.03048	-0.15088	-0.06506	-0.01839	-0.08489	-0.18267	-0.16355	-0.22054	-0.09929
0.0661	0.04507	0.1449	0.11873	0.11455	0.00181	-0.07328	0.01819	-0.01138
0.11909	-0.04009	-0.01966	-0.0135	-0.01794	-0.03161	0.01603	-0.02374	-0.02263
0.072	0.0165	0.01957	-0.00905	-0.00352	0.13216	0.09692	0.17923	0.07591
0.00148	-0.03108	-0.00501	0.0143	0.01357	0.01003	-0.02488	-0.04024	-0.02501
0.06043	-0.01367	0.09427	0.09646	0.07289	-0.01356	-0.06631	-0.11171	-0.05951
-0.09761	-0.05315	-0.07137	-0.03704	-0.0259	-0.01221	0.01837	-0.06908	0.03791
0.02678	-0.00833	0.04214	-0.05387	0.08743	0.01689	0.039	0.03505	0.02863
0.04482	-0.03159	-0.04279	-0.0894	-0.03585	0.12262	0.03192	0.27185	-0.00833
0.07806	0.08956	0.02251	-0.00482	0.04106	0.10464	0.14417	0.28598	0.12359
0.01377	0.11259	0.10468	0.08203	0.01393	0.18823	0.1594	0.04953	0.13741
0.13028	-0.02067	0.02288	-0.01006	-0.01808	0.17682	0.08325	0.11108	0.15482
0.0352	0.13693	0.00177	0.01555	0.03889	0.01231	0.03198	0.09816	0.05802
0.13366	-0.02438	0.00438	-0.13343	0.12228	0.11768	0.06153	0.21812	0.02755
-0.02831	-0.05214	-0.08735	-0.13641	-0.05528	0.10098	0.15828	0.1678	0.16759
0.01012	-0.05667	0.0028	-9.00E-04	0.05555	-0.12841	-0.12771	-0.18505	-0.13691
0.07285	-0.02659	0.2163	0.05553	0.16017	0.25617	0.1454	0.24133	0.19822
-0.02349	0.11202	0.09618	0.10362	0.06846	0.10106	0.06281	0.11533	0.19701
-0.33009	-0.06936	0.03751	-0.02928	0.01671	0.05252	0.01561	-0.01218	0.07907
0.09897	0.05709	0.06256	0.06115	0.06104	6.60E-04	0.0083	0.1833	0.00846
-0.15967	0.04857	-0.03692	0.01727	0.02218	-0.03224	-0.01964	0.26695	-0.00712
0.16231	0.01848	0.05524	0.18887	-0.02312	0.07096	0.00248	0.00326	0.09896
0.05973	0.08338	0.02173	0.08134	0.03539	0.07783	0.18407	0.02486	0.17602
0.01658	-0.11662	-0.1258	-0.09334	-0.11056	-0.29543	-0.33429	-0.28767	-0.28794
-0.03304	-0.01879	-0.06341	0.0101	0.02555	0.08438	0.14273	-0.07672	0.09042
0.13763	0.03513	0.03664	0.05573	0.12999	0.2559	0.23969	0.15915	0.18305
-0.15317	0.0174	-0.08318	0.01167	-0.08649	0.16507	0.19999	0.13369	0.24357
-0.03548	0.11963	0.0177	0.05667	0.08196	-0.07558	-0.00188	0.02518	0.05975
4.60E-04	0.00441	-0.08279	-0.09391	-0.08195	0.05633	0.14445	0.33655	0.10365
0.07507	0.02711	-0.07568	0.0272	0.05563	0.07914	0.0962	0.04686	0.05963
0.12958	0.08204	-0.07195	0.07513	-0.02789	-0.01338	0.07258	-0.03734	0.16887
0.00787	-0.03041	0.0494	-0.07208	0.08292	0.14325	0.11273	0.07762	0.20338
0.0816	-0.11087	-0.0857	-0.06147	-0.09263	-0.05713	-0.05049	-0.11538	-0.03123
0.10636	0.04813	0.04603	0.08184	0.0112	0.11858	0.22822	0.13093	0.19649
0.08652	0.0178	0.04722	0.1003	0.08492	0.12931	0.18802	0.11875	0.19934
0.00418	0.01191	-0.01943	0.01171	0.06012	0.13398	0.08551	0.14217	0.11055

0.03484	0.10912	0.05819	0.0613	0.09944	0.00951	0.19668	-0.01294	0.22997
-0.07083	-0.06398	-0.07967	-0.01558	-0.08751	0.06283	0.04155	-0.02966	0.03054
-0.1337	-0.02183	-0.02208	0.09549	-0.04137	0.039	0.02672	-0.07562	0.11296
0.00803	-0.01025	-0.02452	0.01814	-0.01472	0.11829	0.21159	0.09448	0.18851
-0.0665	-0.02943	0.0097	0.00578	0.03687	0.08029	0.03271	0.04893	0.12217
0.06313	0.11718	0.05084	0.12734	0.02955	0.12554	0.18594	0.21034	0.1894
0.02526	-0.01206	0.07935	-0.02471	0.01468	0.05508	0.07487	0.01665	0.05219
0.24235	-0.05043	0.00267	0.01997	-0.06096	0.14258	0.23617	0.07555	0.21204
-0.25018	-0.06927	0.02412	0.05091	0.03711	-0.05716	0.03493	0.11628	0.12258
0.07202	0.14517	0.10163	0.17117	0.13429	0.12529	0.07621	0.10648	0.23794
0.70394	-0.15187	0.01827	-0.09161	-0.08493	0.45025	0.3635	0.4126	0.37394
0.05049	0.01377	0.01375	-0.00248	-0.00757	0.18744	0.23811	0.26471	0.17987
0.05458	0.08635	-0.0789	0.0078	-0.06136	0.12461	0.05976	0.11284	0.08979
0.0409	0.03278	0.11888	0.03769	0.08075	0.12848	0.02067	0.11844	0.10354
-0.01119	0.04275	0.00235	0.05595	-0.02029	0.06534	0.0656	0.05227	0.13478
0.35276	-0.48608	-0.86246	-0.72014	-0.42415	-0.04715	-0.04832	0.1341	-0.11155
-0.02886	0.14694	0.04356	0.12662	0.14422	0.26783	0.24323	0.51196	0.25177
-0.17051	-0.00668	-0.10459	0.15007	0.09688	0.0745	0.06772	-0.16585	0.10613
-0.07796	-0.20012	-0.16291	-0.15988	-0.16629	0.03156	0.05837	-0.064	0.08802
0.13287	0.04026	0.02626	0.08168	0.0517	0.01083	0.05618	-0.02346	0.06962
-0.08243	-0.03715	-0.07167	-0.02015	-0.01294	0.07834	0.12197	0.09559	0.11176
0.23399	-0.0733	-0.07491	-0.01981	-0.04945	0.14833	0.17913	0.10772	0.18056
0.09401	0.05015	-0.02243	0.08266	-0.00186	-0.03256	0.04302	-0.04832	0.02704
0.07632	0.12864	0.02737	0.0933	-0.0026	0.03044	0.06747	0.22552	0.09147
0.11373	0.03309	-0.05344	0.04592	-0.02773	0.11805	0.20131	0.11275	0.18765
-0.03047	0.04767	0.08395	0.03323	0.04355	0.12152	0.11269	0.04703	0.20832
0.06521	0.08106	-0.10016	0.00606	0.02616	0.06828	0.14592	0.30087	0.11194
0.11734	0.16105	0.16308	0.07081	0.14173	0.27901	0.34706	0.57781	0.37599
-0.02714	0.10465	0.13494	0.03636	0.08782	0.20131	0.15466	0.19423	0.21312
0.02924	0.04515	-0.01479	0.06462	0.01099	0.06673	0.12569	0.35378	0.1265
0.05693	-0.00866	-0.11656	-0.03705	-0.05719	-0.02572	-0.03641	0.04889	0.02792
0.22521	-0.2078	-0.09037	-0.16809	-0.14957	0.07817	-0.05093	0.00534	-0.07893
0.03432	-0.16775	-0.16298	-0.16033	-0.14885	0.21932	0.21807	0.24793	0.12732
0.26196	-0.08039	-0.08504	-0.05842	-0.0377	0.14505	0.05822	0.08716	0.1535
0.01408	-0.10695	-0.11843	-0.07697	-0.11693	0.01614	0.03712	-0.01918	0.07601
0.12988	-0.09132	0.00721	-0.13421	-0.04646	-0.02645	-0.07643	0.03073	-0.0809
0.12851	0.46648	0.38324	0.42132	0.43719	0.74511	0.68715	0.6715	0.63644
0.08775	-0.08151	-0.11756	-0.03957	-0.06535	0.01634	-0.10989	-0.01655	-0.00394
0.08294	0.01566	-0.00189	-0.00595	0.02363	0.13927	0.03325	0.15565	0.07165
-0.38596	-0.28716	-0.33135	-0.35746	-0.35815	-0.24504	-0.32207	-0.45505	-0.31057
0.14289	-0.12374	-0.22649	-0.24222	-0.24159	0.01093	-8.90E-04	0.34593	0.05565
0.06263	-0.03094	0.01526	0.03412	0.03424	0.14458	0.05681	0.09635	0.14074
-0.09552	0.14672	0.12321	0.11818	0.05583	0.05919	0.10531	0.221	0.1592
0.05352	0.03978	0.06682	0.07702	0.03491	-0.04019	-0.08142	-0.08743	-0.00951
-0.15381	-0.24236	-0.10783	-0.0923	-0.14642	0.10091	0.06235	0.12264	0.04673
0.42616	-0.05791	-0.06576	-0.04218	-0.00643	0.30923	0.29523	0.29712	0.32294
0.06252	0.03979	-0.01564	-0.02327	0.06142	0.09085	0.15532	0.0907	0.17388
-0.04608	0.1123	0.13649	0.11346	0.10519	0.01308	0.03258	-0.03568	-0.00881
-0.05773	0.1036	0.12851	-0.00169	0.07885	0.12921	0.02165	0.15964	0.15063
-0.07607	-0.0616	-0.08443	-0.08049	-0.03902	-0.04764	0.0032	-0.0853	0.06344
0.03992	-0.02268	-0.14433	-0.12335	-0.07082	0.12877	0.11369	0.31846	0.14124
0.09654	0.17726	0.12833	0.17252	0.14497	0.11752	0.09943	0.22785	0.06196

0.04143	-0.03062	-0.00635	0.0028	0.02405	0.079	0.00204	0.02007	0.01397
-0.05418	-0.24071	-0.17072	-0.22739	-0.21918	-0.23106	-0.15131	-0.08286	-0.20584
-0.0602	-0.05503	-0.25057	0.1067	-0.10654	0.02495	0.25611	-0.21509	0.06656
0.28959	-0.06958	-0.16151	-0.07052	-0.06756	0.0095	0.03108	0.31006	0.06768
-0.06177	-0.07843	-0.15179	0.10633	0.12499	0.11998	0.11567	0.2577	0.0079
0.04929	0.05785	0.11175	0.08831	0.07588	0.00566	-0.00101	-0.03746	0.00101
0.02981	-0.24607	-0.35956	-0.24004	-0.26154	-0.15441	-0.04948	-0.23004	-0.03751
0.07394	0.02313	0.05437	0.06414	0.08872	0.09665	0.11011	0.04559	0.14527
0.08866	-0.05899	-0.07382	-0.0671	-0.05704	0.10215	0.10181	0.07201	0.10169
1.11774	0.46291	0.45008	0.41336	0.47649	0.17779	0.21574	0.17938	0.21875
0.05133	0.03311	0.05576	-0.06973	0.1477	-0.14299	-0.15307	0.12103	0.11551
0.31712	-0.01751	-0.20443	-0.10036	-0.17042	0.24918	0.31729	0.47745	0.3522
-0.26105	-0.69025	-0.79482	-0.67396	-0.72973	0.51425	0.59562	0.45967	0.50454
0.15452	-0.06356	-0.15509	-0.05732	-0.1644	0.15043	0.19347	0.17533	0.15694
-0.04637	0.04902	0.00362	0.05276	0.01514	0.03528	0.06402	0.00976	0.10061
0.17471	0.04886	-0.05343	-0.01331	0.04733	0.05514	0.01504	0.02396	0.07876
-0.06952	-0.20905	-0.0934	-0.15869	-0.07587	0.14955	0.17949	0.01737	0.23999
0.15289	0.12837	0.16217	0.14799	0.17782	0.18544	0.06893	0.16135	0.14011
-0.07832	-0.36373	-0.24642	-0.47187	-0.31165	-0.43021	-0.2277	-0.08576	-0.25543
0.00887	-0.04951	-0.04005	0.01529	-0.02939	0.09059	0.30851	0.2951	0.31715
0.15614	-0.02223	0.01976	-0.04363	0.05029	0.15312	0.04818	0.07968	0.07597
0.08766	0.00228	0.0704	0.07796	0.01294	0.07546	0.14837	0.00974	0.09568
0.04996	-0.13628	-0.10391	-0.06036	-0.07708	0.0474	-0.07484	-0.07606	-0.13002
0.20082	-0.00529	-0.1082	-0.07656	-0.12573	0.26545	0.36461	0.15846	0.33565
0.09975	0.33106	0.48889	0.61254	0.67534	0.51153	0.43411	0.54988	0.43205
-0.021199	-0.00205	0.07963	-0.09596	0.01049	-0.05276	-0.06173	-0.07479	-0.10667
0.00679	-0.05238	0.03453	0.03194	-0.01613	-0.0067	-0.04826	-0.10833	-0.02026
0.03279	0.04096	0.06871	0.0471	0.29907	0.05868	0.11947	0.05357	0.10342
0.11943	-0.11498	-0.04413	-0.1057	-0.11369	0.11581	0.04343	0.06484	0.03992
0.12263	-0.16013	-0.14236	-0.12975	-0.11881	-0.20083	-0.24167	-0.25285	-0.18832
0.00792	0.11894	0.05675	0.14569	0.1753	0.01131	0.08308	-0.11998	-0.05735
-0.02314	-0.04215	0.01277	0.06146	-0.01311	0.0189	0.01846	-0.13079	-0.02789
-0.09323	0.07289	0.04116	0.10645	0.18486	0.03375	0.07173	-0.04461	0.08382
0.3162	-0.51635	-0.45606	-0.50981	-0.57976	0.17221	0.2375	0.40399	0.22567
-0.1602	0.05365	0.09361	0.0355	0.088	-0.18847	-0.24928	-0.18451	-0.2361
-0.02601	-0.03473	0.02377	0.01816	-0.0403	0.01784	0.07394	0.16597	0.05616
0.11858	-0.01963	-0.08395	-0.0018	-0.04331	0.04417	-0.03209	0.01458	0.00267
0.01536	0.03308	-0.04837	0.04698	-0.02862	0.0353	0.06143	0.27487	0.11289
0.28749	-0.11835	-0.1739	-0.16748	-0.13815	0.22397	0.29748	0.20775	0.37468
-0.0226	0.14629	0.07025	0.11798	0.06449	0.15999	0.10189	0.3271	0.14289
0.11829	-0.08542	-0.19549	-0.03271	-0.03729	0.12245	0.1906	0.38017	0.25659
0.04866	0.03021	0.10309	-0.09108	-0.09228	-0.13041	-0.04181	-0.0575	-0.13412
-0.06443	-0.20807	-0.1209	-0.15772	-0.15289	-0.04105	-0.12321	-0.19296	-0.06231
0.0374	-0.04932	-0.08685	-0.08654	-0.03383	0.17149	0.15833	0.30372	0.11702
0.02937	0.04218	-0.16506	-0.14143	-0.14792	-0.08609	-0.15124	-0.07228	-0.05056
0.06317	-0.02238	0.06414	0.00134	0.01731	-0.05891	-0.06762	-0.10678	-0.07486
-0.03982	0.08611	0.05537	-0.02221	0.06718	0.0041	-0.02204	0.06425	0.01773
0.04019	0.09855	0.03537	0.05668	0.22434	0.11912	-0.10641	0.02884	-0.01456
0.13593	-0.00781	-0.01666	-0.10789	-0.00137	0.15243	0.1466	0.23128	0.16542
0.21915	0.17909	0.07762	0.1387	0.18352	0.21668	0.11395	0.50301	0.17582
0.1003	0.05049	-0.0253	-0.01517	-0.01754	-0.00989	-0.03773	0.15937	0.02362
0.03329	0.06063	0.07602	0.09963	0.04434	0.12426	0.1155	0.20865	0.13542

-0.05469	-0.01688	-0.13617	-0.04192	-0.05368	-0.00936	-0.04547	0.00633	0.06125
0.09537	0.03757	0.06376	0.06329	0.07799	0.05145	0.04423	0.04837	0.11502
0.08719	0.06976	0.18321	0.04366	0.14495	0.05719	0.11039	0.09383	0.12301
0.07294	0.11533	0.03433	0.07648	0.04508	-0.06055	-0.02423	0.02404	0.03524
-0.0707	0.08597	0.06718	0.33538	0.09826	0.0484	-0.0044	0.19802	0.02623
0.11535	0.20586	0.0957	0.09489	0.09362	0.273	0.3225	0.40467	0.3275
-0.04181	-0.0024	-0.0482	-0.05307	0.18673	0.05336	-0.01026	-0.02396	0.18388
0.01498	0.09507	0.13036	0.11675	0.16867	0.00278	0.045	-0.01615	0.07422
-0.00343	0.03484	6.90E-04	0.03481	0.09258	0.10619	0.09923	-0.01331	0.08925
0.10688	0.15742	0.12199	-0.00862	0.11623	0.05093	0.18209	0.20525	0.07667
0.03189	0.06576	0.00382	0.06006	0.08308	0.19921	0.12703	0.25438	0.23214
0.12245	0.13722	0.14583	0.03678	0.12754	0.29451	0.30742	0.35825	0.31155
0.12276	-0.08438	-0.08779	-0.07657	-0.06946	-0.0406	-0.0186	0.14501	-0.00936
0.01131	-0.00584	0.03233	-0.06435	0.02572	-0.04756	-0.04828	0.1715	0.13869
0.08183	0.14979	-0.00463	0.07668	0.04928	0.10183	0.11424	0.14396	0.1543
0.00689	0.0177	-0.00384	-0.08105	-0.0055	0.22416	0.20792	0.09758	0.18686
0.03536	-0.025	-0.00834	0.09749	0.03722	0.17901	0.13219	0.15281	0.24351
-0.05227	-0.09053	-0.02643	0.03055	0.09082	-0.15607	-0.30436	-0.27044	-0.14386
-0.01766	-0.03545	-0.03311	0.03037	0.02481	0.04392	0.07068	-0.0153	0.11764
-0.0858	0.09475	7.60E-04	0.06394	0.11978	-0.07826	0.00667	0.02088	0.06174
0.12566	-0.10837	0.04625	0.06385	0.05932	0.12156	0.11034	0.10953	0.20287
-0.01263	0.06197	0.10038	0.04344	0.05662	0.08278	0.01432	0.07931	0.03441
0.02042	-0.11093	0.06773	0.02616	0.07966	0.00669	0.09924	-0.0236	-0.01965
-0.04384	-0.07385	-0.13486	0.04522	-0.04384	-0.00226	0.05698	-0.01928	0.02525
-6.60E-04	0.03606	0.11814	0.05272	0.07062	-0.08022	0.10431	-0.03591	0.07512
0.02865	-0.09015	-0.05996	-0.08322	-0.05976	-0.01257	0.05503	-0.0573	-0.00184
0.11376	0.04971	-0.03233	0.02538	-0.00525	0.14182	0.11153	0.08005	0.10442
0.13039	-0.06229	-0.08556	-0.03964	-0.11433	0.18788	0.27465	0.13476	0.25746
0.00616	-0.19226	-0.01316	0.04085	0.00982	0.083	0.02175	-0.13466	0.01122
-0.08063	0.05937	0.0882	0.07016	0.08118	0.14698	0.08275	-0.00988	0.15389
0.07524	0.09028	0.17261	0.05676	0.1952	0.11871	0.29175	0.19735	0.26855
0.10694	0.05246	-0.05852	0.02065	-0.04447	0.1351	0.14311	0.1489	0.12578
-0.04582	0.00907	-0.03922	0.02216	-0.02828	5.80E-04	-0.01401	-0.02242	0.01267
0.19522	-0.0842	0.0391	-0.01874	-0.05158	-0.04585	0.06306	-0.11387	0.07595
0.11793	-0.23389	-0.24651	-0.23854	-0.25325	0.02644	-0.00195	0.00779	0.03716
0.0302	0.05627	0.06765	5.00E-04	0.09589	0.18254	0.0735	0.10274	0.05454
0.09277	8.90E-04	0.04374	-0.03991	0.04518	0.18335	0.13847	0.12939	0.14374
-0.00477	0.06291	0.05102	0.04055	0.03815	-0.1453	0.03196	-0.1648	-0.10206
0.05647	-0.06102	-0.04821	-0.05052	-0.05589	0.10356	0.01242	0.0286	0.06005
0.31689	0.37232	0.23433	0.23255	0.22326	-0.06932	-0.01693	0.04928	0.02415
0.15435	-0.08838	-0.0658	-0.05664	-0.0639	0.06131	0.1124	0.20898	0.07411
0.16517	0.03813	0.02245	0.12444	0.03137	0.05638	0.07573	0.03647	0.15184
-0.01588	-0.10627	-0.10317	-0.05992	-0.12651	0.27064	0.26428	0.12508	0.34412
0.39549	-0.17659	-0.11102	-0.18004	-0.10435	-0.24113	-0.19466	-0.29558	-0.23741
0.17811	-0.00731	0.0537	-0.03819	-0.01975	-0.04065	-0.03732	-0.03762	0.02416
-0.10687	-0.00591	9.40E-04	-0.03155	0.0403	-0.15415	-0.06338	-0.06605	0.06468
0.07481	-0.06307	-0.07955	-0.0946	-0.07772	0.15703	0.23623	0.16592	0.23805
0.00358	-0.03423	-0.12614	0.09103	0.11484	0.0693	0.01099	-0.12039	-0.0804
-0.00769	0.14356	-0.0391	-0.00234	-0.01725	0.07296	0.05805	0.38535	0.09211
-0.05872	-0.06367	-0.12564	-0.15416	-0.0475	0.09515	0.02003	-0.04623	0.04413
-0.02535	-0.0336	0.01655	0.00655	-0.05337	0.10385	0.1376	0.06722	0.15826
0.15071	0.21959	0.3159	0.22937	0.09123	0.39017	0.12826	0.44354	0.46473

0.11351	0.14732	0.1558	0.0866	0.12305	0.04313	0.02482	0.10647	-0.01528
0.11131	0.10111	0.15458	0.07883	0.16048	0.05264	0.12829	0.01257	0.09746
0.67953	0.18509	0.16453	0.1964	0.15997	0.41394	0.35128	0.36255	0.33901
0.08748	-0.07066	-0.08726	0.00178	-0.02694	-0.03644	-0.03635	0.00909	-0.04791
-0.29332	-0.62859	-1.25399	-1.10953	-1.0992	-1.01799	-0.91128	-0.93288	-0.75748
0.05892	-0.05515	0.01662	-0.037	-0.01941	0.03861	0.0137	-0.04417	0.03782
-0.01627	-0.05001	-0.08887	0.01588	-0.00342	0.05078	0.01815	-0.03256	0.05153
0.08839	0.07747	0.06717	0.11989	0.11793	0.20574	0.14258	0.16589	0.16198
0.11419	0.10697	0.03899	0.07031	0.01916	0.10955	0.095	0.07428	0.11295
0.04951	0.05708	-0.04487	0.07594	-0.0079	-0.06967	-0.02145	-0.10477	-0.0052
0.02116	0.06395	0.07128	0.08739	0.06185	0.08716	0.14882	0.00691	0.14027
0.03801	0.05293	-0.05087	0.04604	-0.05582	0.14805	0.22659	0.1732	0.28097
-0.12207	-0.10858	-0.06163	0.06805	-0.01952	-0.14282	-0.1546	-0.05895	-0.11238
-0.03399	0.15757	0.19725	0.07608	0.24376	0.08371	0.13699	0.04942	0.12907
0.06225	0.27933	0.2694	0.20724	0.31707	-0.08631	-0.17013	-0.19323	-0.06776
0.2509	0.01378	0.00621	0.10381	-0.04283	0.04547	0.0575	0.05223	0.12996
0.01745	0.04769	-0.02783	0.0864	0.1349	0.02029	-0.16995	-0.28411	-0.01798
0.07806	-0.08829	-0.06058	-0.04017	-0.04676	0.10113	0.11346	0.00764	0.10484
0.0547	-0.04832	-0.30954	-0.08714	-0.11412	0.02675	0.07834	0.2378	0.03123
0.01346	0.07588	0.08705	0.10003	0.12467	0.04041	-0.03702	0.02549	0.01112
-0.31101	-0.01263	0.03529	0.04336	0.12285	-0.09474	-0.0612	-0.21279	-0.17522
0.05675	-0.13789	-0.17687	-0.02907	-0.11987	-0.09537	-0.12341	-0.15328	-0.07478
-0.12384	0.14426	0.04936	0.17757	0.07506	0.09477	0.1628	0.11539	0.19883
0.0431	0.14584	0.19326	0.04483	0.07686	-0.01959	-0.05962	0.0866	0.07434
0.18022	-0.08469	-0.15712	0.05362	-0.14496	0.15835	0.04187	0.13374	-0.01195
0.03734	0.19204	0.21732	0.21465	0.342	0.13248	0.0985	0.12544	0.20639
0.09446	0.34071	0.39239	0.3632	0.39436	0.85832	0.91357	1.10911	0.88001
0.0292	-0.08626	-0.07748	-0.05175	-0.13842	0.21133	0.28522	0.20814	0.28928
-0.25761	-0.19019	-0.00368	0.11723	-0.04879	-0.0804	-0.07426	-0.1534	-0.03505
0.15714	-0.01323	-0.00671	0.01942	0.1218	0.16919	0.12852	0.08606	0.14889
-0.18237	0.02769	0.0104	0.01666	0.03558	0.06222	0.033	0.05679	0.10242
0.03961	-0.19439	-0.22844	-0.07141	-0.15297	0.16496	0.13378	-0.02303	0.06564
0.17534	0.07099	-0.09743	0.03239	-0.08002	0.13218	0.24584	0.41168	0.28201
2.30E-04	0.04276	0.04706	0.06688	0.05167	0.09532	0.01598	-0.02729	0.00514
-0.02693	0.04427	-0.01158	0.01937	-0.03563	-0.05651	-0.03425	0.20455	0.01157
-0.15345	-0.44983	-0.21723	-0.30708	-0.46078	-0.01593	-0.03453	-0.18877	0.25199
0.1856	0.1507	0.17503	0.19508	0.19584	0.13157	0.0313	0.0854	0.05881
0.14723	-0.01104	0.03198	-0.00624	0.03508	0.2242	0.18756	0.22968	0.21237
0.07976	-0.01789	0.01033	0.01594	0.00929	0.05119	0.06291	-0.02901	0.03946
0.16582	-0.08339	0.03476	-0.08182	0.02883	-0.43056	-0.56429	-0.49023	-0.56818
0.14479	-0.01268	-0.16054	-0.06345	-0.02865	0.10653	0.10468	0.02984	0.1378
-0.01331	-0.02893	0.00815	0.06193	0.04779	0.02948	7.80E-04	-0.03631	-0.05651
0.17052	0.02029	-0.04131	4.30E-04	-0.03245	-0.0235	-0.04149	-0.00938	0.04227
0.01722	-0.00854	-0.08685	-0.08178	-0.10496	0.14856	0.26438	0.4847	0.1952
0.05543	-0.11478	-0.09748	-0.08645	-0.09111	-0.05843	-0.04329	-0.09669	-0.05564
-0.05292	-0.01951	0.03309	-0.06538	0.14682	0.09467	0.18554	0.05145	0.04197
0.0893	-0.02547	0.07957	-0.03119	0.07069	0.0824	0.03446	0.0282	0.0383
-0.17382	-0.09045	-0.10022	5.00E-05	-0.11513	0.04733	0.07038	0.05399	0.10244
-0.05325	-0.01272	-0.00801	0.12352	0.05692	-0.04828	0.036419	0.0027	0.03325
0.20982	-0.04004	-0.05784	-0.01325	0.01222	0.08392	0.17937	0.02056	0.17719
-0.13164	-0.01666	-0.1627	-0.13649	-0.07034	-0.01159	0.08376	0.37522	0.03582
0.07755	-0.02357	0.11709	-0.03055	0.05289	-0.00775	-0.12454	0.10425	-0.12225

0.0546	0.10044	0.05965	0.04207	0.05239	0.07027	0.15112	0.19232	0.1807
0.08256	-0.1173	-0.17787	-0.16176	-0.12283	0.17661	0.09834	0.34415	0.14528
0.06049	-0.07623	-0.1747	-0.07876	-0.13682	0.06506	0.0862	0.2375	0.13897
0.09147	0.0538	-0.13251	-0.00519	-0.09981	-0.08205	-0.07096	-0.08042	-0.03253
-0.08795	-0.24106	-0.09648	-0.17648	-0.13696	-0.18259	-0.33633	-0.11285	-0.26015
-0.00661	-0.02975	0.0543	-0.02698	-0.00456	-0.00816	0.01367	0.21812	0.01799
-0.03662	0.04216	0.01983	0.06353	0.00633	-0.02228	-0.08698	-0.1092	-0.04414
0.0146	0.05602	0.11566	0.04925	0.14724	0.06048	-0.00657	0.08782	-0.05264
-0.29393	-0.05249	-0.04224	0.02099	-0.09968	0.12931	0.13703	0.11445	0.22538
0.1762	-0.18316	-0.15966	-0.12088	-0.13732	0.15286	0.19148	0.05525	0.15873
0.11019	0.11065	0.03265	0.13114	0.05855	0.09991	0.17654	0.01092	0.17775
0.01709	0.01471	0.11767	0.06495	0.04854	0.05985	0.13923	0.22564	0.12545
0.02112	-0.00901	-0.01638	-0.01212	0.13302	0.01176	0.00325	-0.01127	0.13718
0.42656	-0.03994	0.07069	-0.0207	0.06024	0.5356	0.59033	0.49502	0.54491
0.06974	0.07466	0.17303	0.06668	0.07976	0.00713	0.09342	0.10305	0.07076
-0.00203	-0.002	-0.15182	-0.05048	-0.04481	0.1323	0.17471	0.12861	0.20498
0.02924	0.04118	0.01904	0.05736	0.1005	0.12623	0.17251	0.03107	0.14476
0.02217	-0.00743	0.04989	-0.04829	-0.03315	-8.00E-04	0.02439	-0.08064	0.08648
0.12716	-0.07954	-0.12964	-0.03264	-0.0835	-0.00163	-0.01834	-0.03998	0.06888
0.28603	-0.13223	-0.00681	-0.08654	-0.03739	0.17301	0.16394	0.14738	0.22958
0.02962	-0.21103	-0.34011	-0.25193	-0.31602	-0.01265	0.00295	-0.02849	-0.00307
-0.12032	0.10381	0.16669	0.07634	0.10691	-0.04813	-0.01117	-0.11583	-0.07677
-0.03279	-0.00163	0.0635	0.03019	0.08706	0.05445	-0.07265	0.03322	0.0987
0.21233	-0.03066	0.03751	0.03119	0.12036	0.16179	0.17404	0.18578	0.24237
0.32401	0.0148	0.11548	0.03502	0.06835	0.39578	0.31151	0.35177	0.31822
-0.04327	-0.10614	-0.10994	-0.18892	-0.07873	-0.20077	-0.18814	-0.25418	-0.21325
0.05659	0.01494	0.07613	-0.02974	0.09428	0.08184	0.08172	0.1398	0.12898
0.21601	-0.21763	-0.13108	-0.07075	-0.10954	-0.14195	-0.22474	-0.26797	-0.22779
-0.04418	-0.23433	-0.1753	-0.22397	-0.19058	-0.08701	-0.04308	-0.01777	-0.05707
0.12653	-0.04885	-0.04394	-0.13502	-0.085	-0.05415	-0.02712	-0.05015	0.02764
-0.1246	0.14473	0.06856	0.1444	0.06561	0.0333	-0.02926	0.12937	0.00514
-0.19263	0.03397	0.09362	0.03887	0.0437	0.08287	0.02052	0.11046	0.05153
0.07516	0.00711	0.05456	-0.06186	-0.03447	-0.01226	0.06061	-0.02492	0.06021
-0.1119	-0.16505	-0.14841	-0.05161	-0.01355	-0.12125	-0.23848	-0.33917	-0.05915
0.06239	-0.04722	-0.00369	0.05733	-0.00439	-0.09416	-0.03424	-0.08609	-0.0422
0.06115	-0.0599	-0.08837	-0.08437	-0.08893	0.09752	0.11801	0.09537	0.13127
0.05653	-0.12082	-0.12348	-0.09626	-0.09554	0.0995	-0.06566	0.08283	0.01813
-0.05047	-0.05688	0.06652	0.00681	0.01431	-0.10867	-0.13124	0.03434	-0.05645
0.08634	-0.23473	0.09031	-0.18477	0.05105	0.06956	-0.0526	0.01367	-0.06754
-0.219	-0.0724	-0.03893	0.00218	0.04787	-0.07502	-0.12991	-0.24544	-0.12855
0.08377	0.01351	-0.07924	-0.03894	-0.06156	0.03709	-0.01947	0.06249	0.0229
0.24372	0.00904	-0.02029	0.03813	-0.06877	-0.03171	-0.01621	-0.04721	0.0321
-0.01805	0.09474	0.06573	0.20317	0.0592	0.21525	0.19989	0.30696	0.23535
-0.00844	0.00168	0.04696	0.03374	0.11354	0.0265	0.06551	-0.04971	0.09243
0.02342	-0.0029	-0.02717	-0.01078	-0.00793	0.11179	0.0857	0.0869	0.15777
0.00657	-0.06986	-0.15889	0.02624	-0.00913	0.10794	0.10282	0.07185	0.12824
0.12018	0.01307	0.023	0.04917	7.00E-05	-0.04114	-0.05308	-0.03005	-0.01792
0.04018	0.08857	0.05275	0.08443	0.12028	0.19822	0.23662	0.43138	0.30479
0.00282	-0.08184	-0.02335	-0.02592	-0.00865	0.06444	0.11624	0.14993	0.0772
-0.02822	0.09976	0.02838	0.11883	0.06425	0.06884	0.14373	0.05868	0.12315
0.0941	0.11608	0.03591	0.20723	0.11978	0.16342	0.16864	0.04622	0.17649
0.0856	0.00424	0.04897	0.14894	0.1205	-0.0051	0.04577	5.10E-04	0.12985

0.0036	0.02736	0.12558	-0.0391	-0.00623	0.06835	0.08491	0.081	0.11622
0.05981	0.03785	-0.00997	-0.04932	-0.02729	0.029	-0.03852	0.07526	-0.03552
0.04761	0.05921	0.0057	0.0193	0.10781	0.04629	0.01527	0.15024	0.05391
0.2285	0.03345	0.07014	0.03394	0.09218	0.27021	0.07141	0.24476	0.10155
0.10322	-0.09286	0.05106	-0.01641	-0.02417	0.13834	0.02638	0.08883	0.00822
-0.37617	0.50693	0.31796	0.51222	0.3797	-0.21597	-0.05678	-0.17524	-0.06124
-0.04322	-0.09185	-0.0094	0.04877	0.01285	0.06545	0.04482	0.08247	0.14236
0.06078	0.02139	0.01605	0.01637	0.03205	0.03741	-0.01431	-0.04628	-0.01651
0.06689	0.02708	0.06037	0.08985	-0.07687	0.12072	0.25882	0.02644	0.19142
-0.11742	0.00468	-4.20E-04	-0.00152	0.02723	-0.07981	0.0471	-0.09209	0.02555
0.07687	-0.00598	-0.05761	0.01669	-0.07118	0.00207	-0.01776	0.00579	-0.01862
-0.00142	0.08083	0.07989	0.09737	0.05102	0.16631	0.1792	0.15514	0.19505
0.04517	0.06851	0.00674	0.03589	0.04413	-0.00227	0.03241	-0.01308	0.00119
-0.04643	-0.18608	0.03447	0.08765	-0.2305	-0.15136	0.02837	-0.19854	0.03532
-0.00388	-0.2421	-0.07225	-0.07318	0.10256	-0.00742	-0.06106	-0.14127	-0.33423
-0.03078	0.09418	0.07014	0.09451	0.10112	0.19938	0.22337	0.19229	0.30117
-0.06655	0.0078	-0.07066	0.07109	0.0086	-0.03391	0.11157	-0.0585	0.06433
-0.05834	-0.08331	-0.01032	-0.06301	-0.04634	-0.04451	-0.03774	-0.0224	0.02313
0.09599	-0.07561	-0.11471	-0.05918	-0.00158	0.09076	0.08054	-0.04433	0.02085
0.07613	0.03166	0.10895	0.0664	0.07234	0.12802	0.12691	0.05983	0.11584
0.01199	-0.04082	-0.06242	0.05583	0.13145	0.15777	0.1667	0.01864	0.09232
0.07049	-0.12986	-0.06961	-0.07134	0.00699	0.07809	0.04312	-0.03802	0.10249
0.12533	0.0445	-0.02125	0.05163	0.09586	0.17785	0.28496	0.23355	0.26846
-0.16437	0.29715	0.19936	0.33164	0.31609	0.1113	0.12901	-0.03079	0.18418
-0.23779	-0.10025	-0.10509	-0.03851	-0.08149	-0.17969	-0.06668	-0.19105	-0.11921
-0.00105	0.00565	0.08534	0.06225	0.0964	0.07908	0.06384	0.08597	0.09825
-0.0264	-0.02933	0.04261	0.06784	-0.00519	-0.13626	-0.02324	-0.22685	0.00555
0.10936	0.05527	0.08075	0.04239	0.1242	-0.03252	-0.04008	0.13448	0.08516
-0.04591	-0.09511	-0.04798	-0.04679	-0.04613	-0.24665	-0.1864	-0.2579	-0.16236
0.25854	-0.34629	-0.23569	-0.24427	-0.26824	-0.06068	-0.13013	-0.1857	0.00465
0.09162	0.06467	0.35727	0.12593	-0.01694	0.12655	0.01393	0.05809	0.11184
-0.01625	0.0211	0.14009	0.00758	0.06609	0.11647	0.17244	0.04093	0.12737
-0.0948	0.06283	0.0096	0.06927	0.19377	-0.13878	-0.06497	-0.23175	-0.04333
0.06418	0.08245	0.16159	-0.01855	0.02245	0.04351	0.03127	0.13905	0.04405
-0.0688	0.00464	0.13392	0.05319	0.0858	0.0617	0.01803	0.06676	0.05489
-0.00996	0.02309	-0.02838	0.0678	0.02621	0.03435	-0.0257	-0.05666	0.15335
0.12781	-0.1954	-0.03073	-0.14481	-0.0466	-0.02864	-0.20279	-0.02381	-0.22713
-0.05819	-0.00462	0.15529	0.07669	0.06445	0.0603	0.14128	0.07075	0.03218
0.04875	0.04937	-0.01252	0.17615	0.13414	0.14985	0.06975	-0.16347	0.17807
0.03585	-0.05518	-0.06943	-0.00472	-0.05965	0.02092	-0.01346	-0.02465	-0.0555
0.27717	-0.04034	-0.22393	-0.08993	-0.18413	0.18248	0.28244	0.1855	0.19595
0.01592	-0.02873	-0.01845	-0.0033	-0.02473	0.08162	0.0484	0.07554	0.02318
0.26458	0.03113	0.05885	0.05706	0.05881	0.43271	0.36017	0.4743	0.39208
0.07625	-0.05627	-0.06297	-0.07534	-0.05498	0.07436	0.03658	2.00E-04	0.07249
-0.0285	0.1323	0.07521	0.04677	0.07808	-0.37084	0.09577	0.00992	0.09651
0.05571	-0.10266	-0.04189	0.00511	-0.07889	0.0081	-0.01912	-0.07057	0.03366
0.02785	0.21362	0.04361	0.17709	0.06384	0.30683	0.31538	0.58121	0.37045
0.12075	-0.09228	-0.22412	-0.17675	-0.06234	0.06421	-0.02739	0.29818	0.00645
0.21545	0.12378	0.04119	0.03838	0.12078	0.03857	0.10569	0.15662	0.02367
0.29689	-0.08744	-0.06822	-0.01708	-0.02685	0.07708	0.10335	0.02291	0.13546
0.05048	0.00705	-0.02847	-0.00391	0.03026	-0.00448	-0.03598	0.24108	0.03434
0.19316	0.02211	-0.0311	0.03667	-0.05887	0.23616	0.29368	0.23042	0.29689

0.02344	0.05615	0.01089	0.00225	0.04833	0.11452	0.02326	0.13206	0.01799
0.06112	-0.07101	-0.13489	-0.02753	-0.05608	-0.01374	0.10775	0.06521	0.09022
0.15675	0.06436	0.06953	0.1001	0.04861	-0.13832	-0.17913	-0.16339	-0.1921
-0.10843	0.02225	-0.01554	-0.00167	0.04317	0.00201	0.13305	0.1654	0.15477
-0.02224	0.32635	0.29079	0.2352	0.27575	0.03123	0.05778	0.18157	0.10339
0.01359	-0.0073	-0.03123	0.04676	0.04385	0.06352	-0.06353	-0.0055	0.12286
0.02706	0.08157	0.07426	0.13981	0.06313	0.00472	-0.02683	-0.15389	0.04569
-0.05715	0.02388	0.06068	-0.01585	0.0332	-0.35387	-0.20521	-0.36567	-0.27159
0.05535	0.00711	0.01522	-0.01503	-0.00846	0.13259	0.18705	0.15453	0.26722
-0.02909	0.20395	0.11869	0.2145	0.162	0.13986	0.12728	0.1715	0.20834
0.0493	-0.0195	-0.19116	-0.07271	-0.06347	0.03239	0.0745	0.04741	0.08013
0.00924	0.11841	0.09277	0.155	0.14353	-0.13329	-0.15701	-0.25466	-0.06348
0.00471	0.06619	0.01412	0.00212	0.07865	0.05416	0.11651	0.01771	0.12957
0.07228	0.09142	0.10334	-0.02014	0.06111	0.06215	0.01202	0.14727	0.01935
-0.00932	-0.14961	-0.09187	-0.01788	-0.1413	0.13039	0.25401	0.05781	0.15294
-0.07568	0.19823	0.20097	0.20978	0.1569	0.08859	0.10394	0.00983	0.11877
0.04397	-0.147	-0.08846	-0.01995	-0.04991	0.15493	0.23037	0.16031	0.28136
-0.08115	-0.11793	-0.08695	0.04569	0.01961	0.05288	-0.01046	-0.13182	-0.00823
-0.16081	-0.12146	0.00488	-0.04997	-0.01704	-0.04041	-0.00537	-0.18719	0.03718
-0.12616	0.17095	0.14813	0.1375	0.14467	0.05997	-0.02627	-0.06098	-0.03055
-0.03066	-0.03985	-0.20851	-0.02888	0.19566	-0.02872	-0.13539	-0.19636	-0.06575
0.0808	-0.08651	-0.07185	-0.07502	-0.04929	0.11895	-0.03491	0.05473	0.07403
-0.20842	-0.05984	-0.05079	-0.03611	-0.00812	-0.15317	-0.06479	0.20797	0.02005
-0.1025	-0.07362	-0.05944	-0.04029	-0.04134	-0.02273	0.01102	-0.07585	0.01672
0.19157	0.07958	0.01351	0.03484	0.00696	0.11799	0.12296	0.36259	0.1079
0.13399	-0.06161	-0.1347	0.0356	-0.0015	0.05629	0.1174	0.09792	0.13289
0.07676	0.15569	0.01953	-0.0532	-0.0238	0.14118	0.18509	0.27643	0.10853
0.04248	-0.01607	0.04262	0.06766	0.02672	0.18131	0.26127	0.1061	0.29298
0.00531	0.1179	-0.09537	0.09543	-0.08053	0.04515	0.14109	0.01811	0.22356
0.03764	-0.07016	-0.04851	-0.08025	-0.06944	0.03983	0.01339	0.11908	0.06731
-0.2031	-0.0023	0.07296	0.10485	-0.03737	0.04897	0.09518	0.19217	0.1395
0.06902	0.02585	0.09723	0.01804	0.15588	-0.00214	-0.12331	0.03644	-0.06419
0.04668	0.04	0.12122	0.06708	0.03832	0.1781	0.26456	0.03777	0.24281
0.0911	0.03613	0.026	0.11508	0.02379	0.13653	0.02083	0.30748	0.09971
0.12149	-0.0752	-0.15055	-0.09946	-0.13749	0.11457	0.17798	0.29	0.14351
0.07069	0.06678	0.18423	0.07433	0.14095	0.02244	0.06587	0.14922	0.12444
-0.31225	-0.31651	-0.32543	-0.33671	-0.44706	-0.06177	-0.02912	-0.13611	-0.15057
-0.14376	-0.03433	-0.04831	-0.04005	4.40E-04	-0.14324	-0.15275	-0.17838	-0.12228
0.02866	-0.2421	-0.13063	-0.18725	-0.15545	0.07342	0.00686	0.04261	0.10301
-0.09588	-0.11488	-0.25053	-0.12155	-0.21939	0.06483	0.04488	-0.17546	0.04802
0.01376	0.00694	0.02948	0.02535	0.08903	0.05668	0.05708	0.03903	0.09825
0.0982	0.00766	0.08044	0.03187	-0.01162	-0.03115	-0.04718	-0.08361	-0.05038
0.0296	-0.07969	0.14637	0.07974	0.04084	0.05367	0.0903	0.04771	0.02158
0.01087	0.02425	0.04192	0.04625	0.01695	-0.02402	-0.01937	-0.07677	0.03331
-0.00844	-0.22734	-0.19801	-0.10921	-0.17347	-0.2456	-0.29039	-0.40642	-0.33357
0.06883	-0.03369	-0.03227	-0.02555	0.0014	-0.05529	0.02567	-0.02172	0.0635
0.0229	-0.07132	0.06837	0.01052	-0.03325	-0.0391	0.06882	-0.10523	-0.08821
-0.08861	0.13169	0.17064	0.09924	0.14542	-0.15821	-0.09594	-0.16536	-0.00826
-0.06855	-0.06598	-0.14977	-0.13077	-0.0645	0.01739	0.05689	0.25384	0.05911
0.28083	-0.03923	-0.0165	-0.01823	0.12244	0.12422	0.03625	0.04651	0.01351
0.06611	0.01324	-0.08327	-0.04617	-0.00319	0.14438	0.19266	0.40099	0.19712
-0.02283	0.04882	0.16969	0.06026	0.02251	0.14847	0.17366	0.18657	0.19076

-0.12912	0.09683	0.09516	0.14758	0.12872	-0.01427	-0.00196	0.00425	0.07826
0.00748	-0.08123	0.05819	-0.03044	0.01141	-0.01993	-0.04019	-0.01376	-0.04435
-0.08848	-0.00226	0.04205	0.07228	-0.00521	-0.02409	-0.02701	-0.04183	-0.02258
0.10792	-0.06173	-0.12406	-0.06437	-0.00822	0.15301	0.12338	0.36467	0.10533
-0.02556	0.01769	0.07308	-0.03672	0.09884	0.06473	0.14728	0.02467	0.06839
0.05819	0.00861	0.04445	-0.00417	0.0528	0.04438	0.06822	0.11922	0.10791
-0.05868	-0.13001	-0.14807	-0.14019	-0.09387	0.02006	-0.09168	-0.00597	-0.14059
-0.06364	0.08101	0.1064	0.11479	0.1094	-0.00585	0.00244	0.0258	0.06413
0.02782	-0.05393	-0.16461	-0.02262	-0.11471	0.0292	0.06918	-0.01364	0.05253
-0.17055	-0.18683	0.05017	0.11621	0.04791	0.08448	-0.02656	0.03125	0.13005
0.12494	0.08423	0.07609	0.01901	0.09349	0.03035	-0.01436	0.10345	-0.00248
0.05903	0.18132	0.03466	0.24993	0.27886	0.26984	0.35233	0.44406	0.34023
0.13078	-0.12974	-0.17745	-0.12707	-0.16012	-0.09411	-0.04039	-0.17188	-0.02224
0.12494	0.14441	0.10157	0.12229	0.08574	0.0503	0.08556	0.02537	0.06248
0.15499	-0.00376	-0.04544	-0.00595	0.00159	-0.05012	-0.11521	-0.10842	-0.12724
-0.02575	0.07009	0.02243	0.04708	0.05843	-0.04612	0.04185	0.17245	0.02367
0.11572	-0.2268	-0.24956	-0.23906	-0.25963	0.02453	6.20E-04	0.01172	0.03149
0.04514	0.02528	0.04681	0.0172	0.05431	0.09625	0.11274	0.07884	0.12564
0.04344	-0.00628	-0.01058	-0.05284	-0.03924	0.0567	0.07266	0.33249	0.07462
0.15294	-0.03017	-0.08623	0.0305	-0.07053	0.05032	0.03615	-0.05352	0.11608
-0.01939	0.0095	0.01338	-0.01328	0.03713	-0.07193	0.04563	0.01902	0.02963
0.19112	-0.10738	-0.09075	-0.05942	-0.03075	0.12384	0.06822	0.07626	0.12303
0.22679	0.02883	0.07504	0.02533	0.01769	0.06651	-0.03445	0.25465	0.00311
0.03259	0.15498	0.11601	0.043	0.15151	-0.119	-0.00243	0.07773	-0.025
0.01481	0.04701	0.11105	0.09146	0.04662	0.07235	0.01103	-0.07421	0.03516
-0.01558	-0.29192	-0.19843	-0.24279	-0.23779	-0.13864	-0.09187	-0.13654	-0.1127
-0.02355	0.13389	0.18487	0.1027	0.18202	0.01874	0.01754	0.02948	0.04314
0.07864	-0.28832	-0.16967	-0.22757	-0.16469	0.0492	-0.10806	-0.04789	-0.04187
0.15559	0.06455	0.16561	0.10785	0.12101	0.11101	0.18461	0.06639	0.14095
0.02685	0.07487	-0.02098	0.09419	0.04013	0.10014	0.0806	0.0235	0.07152
0.04241	0.0502	-0.0345	-0.02108	-0.03624	-0.05073	-0.10362	-0.10173	-0.07595
0.0237	0.09614	-0.02709	0.00388	0.02678	0.0628	0.01564	0.18172	0.06667
0.00997	0.03764	0.05731	0.0415	0.08297	0.14403	0.17687	0.05699	0.0738
-0.01582	-0.01936	-0.11557	0.01424	-0.13961	-0.01774	0.00568	-0.04894	-0.04317
-0.39715	-0.19338	-0.19298	-0.18174	-0.16845	-0.01316	0.08322	-0.04282	0.08792
0.10194	0.01124	0.02151	-0.09619	0.04295	-0.06238	0.06251	-0.01884	0.03116
0.0595	0.04121	-0.00467	0.02397	0.02734	0.09012	0.15492	0.40623	0.13286
0.06234	0.11491	0.00389	0.06728	0.14828	0.13053	0.05337	0.28886	0.13421
0.10724	-0.10423	-0.03339	-0.07301	-0.04616	0.01467	-0.09625	-0.10841	0.11928
-0.05	0.04089	0.12822	0.05688	0.07481	-0.02567	-0.03917	-0.01522	0.06365
0.05721	5.50E-04	-0.02042	-0.0143	0.01889	0.10809	0.15911	0.02238	0.11978
0.29036	-0.18056	-0.17786	-0.15747	-0.03842	0.17856	0.01813	0.37681	0.0635
-0.06773	0.03446	0.10409	0.1265	0.0773	0.02688	0.05195	-0.01055	0.034
-0.42922	0.28442	0.23242	0.34342	0.09312	-0.23762	-0.03839	-0.2871	-0.02338
0.1528	-0.14349	-0.22803	-0.10491	-0.16913	-0.00614	0.05561	-0.03292	0.0618
0.11939	0.04487	0.01283	-0.03016	0.03801	0.07832	0.16285	0.12721	0.16222
0.02618	-0.04145	-0.03019	-0.06668	0.10578	0.04003	0.08455	0.00119	0.04833
0.23425	-0.05269	-0.04551	-0.03718	-0.05078	0.28153	0.3572	0.28099	0.30506
0.17042	0.02439	0.01554	0.05813	0.09386	0.07522	0.03362	0.11289	0.07942
-0.3752	-0.1637	-0.01873	-0.06113	-0.37288	-0.07127	0.00128	-0.21002	0.01352
0.06869	0.04134	0.02935	-0.00517	0.02198	-0.10965	-0.09112	-0.10719	-0.10645
0.10517	0.02106	0.03452	0.01067	0.00992	0.11081	0.06927	0.0974	0.08102

0.03331	0.01543	0.18963	-0.03227	0.08543	-0.01831	0.07447	-0.03506	-0.02617
-0.01082	-0.12691	-0.14972	-0.01783	-0.03547	-0.16903	-0.19783	-0.27455	-0.1786
0.07849	-0.06211	-0.13675	-0.07334	-0.142	0.00819	0.05689	0.02542	0.06033
0.15623	-0.12615	-0.11161	-0.12515	-0.11656	-0.03541	-0.02413	0.08342	-0.05435
-0.04264	-0.20832	-0.17044	-0.1983	-0.162	0.01491	-0.19792	-0.05302	-0.16203
-0.01937	0.1208	0.06442	0.12544	0.1427	-0.04805	-0.05573	-0.08925	-0.01317
0.07785	-0.03956	-0.11298	-0.0827	-0.08641	-0.11871	-0.13792	-0.11478	-0.12233
-0.06435	-0.01869	0.03147	-0.11839	0.07294	0.13149	0.02649	0.04956	0.18418
0.08663	-0.05271	-0.11166	-0.08161	-0.02947	-0.07094	-0.02367	-0.12264	0.00468
-0.00935	0.0768	0.1312	0.04386	0.14194	0.02704	-0.02922	-0.09704	-0.00186
0.13438	0.06136	0.05941	0.07502	0.08045	0.07883	0.20307	0.03068	0.12239
-0.00749	0.01758	0.03992	0.04415	-0.02533	-0.01942	-0.02096	-0.04738	-0.05835
0.11725	0.07738	0.0807	0.04522	0.13311	0.04257	0.03102	-0.03096	0.01721
-0.42187	-0.01523	-0.03416	0.07706	0.01259	-0.1473	-0.04838	-0.09568	0.08247
-0.06491	0.0038	0.03336	-0.00769	0.06004	-0.1422	-0.02061	-0.10858	0.00172
0.04	-0.03277	-0.11659	0.06312	-0.01949	0.12258	0.07542	0.01793	0.0517
0.0842	-0.032	0.00283	-9.20E-04	-0.03675	0.10077	0.11321	0.07426	0.09736
0.04431	-0.0124	0.001	0.04835	0.06842	0.04832	0.16301	-0.02974	0.13797
0.05726	0.22373	0.10463	0.17335	0.17249	0.08921	0.03499	0.24685	0.07905
0.07673	0.06567	0.05309	0.06094	0.06446	0.06049	0.01402	0.03109	-0.00111
0.00466	-0.06473	-0.08481	-0.05065	0.01765	0.03387	0.06321	-0.12624	-0.00835
0.24231	0.09576	0.09228	0.11751	0.1129	0.07596	0.18094	0.21764	0.15498
0.42955	-0.17796	-0.27633	-0.23041	-0.22541	0.0242	-0.05532	0.21441	0.02043
-0.44397	-0.26863	-0.18976	-0.39104	-0.3191	-0.03286	-0.17191	-0.48374	-0.07774
-0.04475	0.07874	0.04381	-0.05275	0.02981	-0.0673	-0.03305	0.00264	0.04492
0.01002	0.14102	0.23602	0.10311	0.16422	0.0542	0.15803	0.13635	0.19158
-0.01286	-0.02376	0.02445	0.06052	0.05987	0.05289	0.07639	-0.07336	0.01616
0.07707	0.02928	-0.0205	0.04767	-0.01819	-0.13116	-0.04137	-0.19481	0.01474
0.08835	0.07105	0.03818	0.03514	0.00147	0.1386	0.08396	0.09096	0.08369
0.08161	-0.49842	0.31168	0.06769	-0.09743	0.46515	-0.10352	0.26402	0.34985
-0.00225	-0.11058	-0.1531	-0.14274	-0.16372	-0.07281	-0.0551	-0.16316	-0.06894
0.18726	-0.02262	-0.02402	-0.05933	0.04811	0.01247	0.01355	0.39528	0.1714
0.02429	0.07611	0.0802	0.02189	0.0872	-0.00303	-0.02887	0.10363	0.03617
-0.08666	-0.09466	-0.13396	-0.09588	-0.07377	-0.03039	-0.06255	-0.05578	-0.0141
-0.04911	-0.00471	-0.00558	-0.02688	-0.03201	0.01394	0.0016	0.0058	0.10888
0.0396	0.00716	0.05356	0.01508	0.05213	0.09587	0.17256	0.08661	0.15877
-0.16448	-0.01357	-0.02005	0.0982	-0.06711	-0.18082	-0.12627	-0.72929	0.05258
0.04984	0.08788	0.04516	0.04303	-0.04246	0.0591	0.11339	0.07567	0.01455
-0.06072	0.02504	0.08185	0.02047	0.10628	-0.03017	-0.05706	-0.06734	-0.05319
0.04671	-0.19262	-0.08858	-0.13534	0.01746	0.08064	-0.0877	0.06566	0.03401
0.09722	0.0358	-0.02439	0.05746	0.05771	0.08937	0.13955	0.03339	0.08609
0.0836	-0.06041	-0.06827	-0.09369	-0.06579	0.11486	0.0933	0.01586	0.08374
0.07265	-0.08022	-0.10688	-0.06106	0.03972	0.03859	-0.00396	-0.05582	-0.041
-0.03312	0.05416	0.06034	0.06029	0.06966	-0.0158	-0.07876	-0.01773	0.00179
-0.13137	-0.04935	-0.03236	-0.00911	-0.01866	0.04891	-0.05372	-0.12341	0.00312
0.28967	-0.1414	-0.08411	-0.30775	-0.19791	0.2499	-0.22537	0.04446	0.06353
0.37164	-0.1865	-0.12176	-0.04756	-0.10046	0.12545	0.12411	0.15966	0.16805
0.03665	0.06915	0.00749	0.05297	0.02274	0.01789	0.0773	0.16212	0.09256
0.01846	0.03655	0.11342	0.08751	0.06113	0.04816	0.01826	-0.02359	0.0453
0.0827	0.07248	-0.118	-0.02365	-0.12983	0.20145	0.20252	0.34482	0.23474
0.22379	0.06343	0.09835	0.13545	0.05211	0.19507	0.18749	0.18976	0.17534
-0.05125	-0.00721	-0.056	0.09213	-0.00847	-0.10918	-0.16727	-0.15257	-0.18659

0.01078	-0.10894	-0.10826	-0.04891	-0.05301	0.0527	0.06511	0.00631	0.03623
0.21987	-0.17259	-0.08442	0.09761	-0.00885	0.29426	-0.01577	0.25088	0.06402
0.05727	0.09953	-0.024	0.05499	-0.03206	0.10341	0.05923	0.05231	0.06098
-0.04776	0.00651	-0.02294	0.00669	-0.04184	0.10618	0.01791	0.13355	0.0044
-0.02919	-0.07892	-0.09047	-0.02276	-0.03573	0.05308	0.12077	0.03823	0.08971
0.05766	-0.02815	-0.04449	-0.08081	-0.03176	0.14347	0.09406	0.13724	0.22822
0.30231	-0.11917	-0.08991	-0.10271	-0.1161	0.12015	0.10373	0.07959	0.12108
0.09832	-0.02066	0.06144	0.05867	0.02047	0.04527	0.02741	0.06777	0.08147
0.12855	0.05065	-0.10924	0.04035	-0.0011	0.02606	0.18324	0.37913	0.18348
-0.05896	0.06293	-0.23113	-0.02596	0.02259	0.01973	0.24509	0.26134	0.02199
0.08359	-0.04603	-0.03793	-0.089	-0.01671	-0.11611	0.11154	-0.06092	-0.00305
0.04467	-0.02649	-0.05129	-0.07171	-0.09704	0.02664	-0.03084	-0.00683	0.06606
0.14194	0.04948	-0.02019	-0.04264	-0.00454	0.27755	0.1996	0.30945	0.24342
-0.20581	1.46707	1.30347	1.34468	1.39928	-0.04663	0.05633	0.082	0.06248
-0.15798	-0.12241	0.11194	0.05161	-0.01282	0.08192	0.01417	-0.05093	0.06173
0.0277	-0.09854	0.06634	0.0418	0.05619	-0.03161	-0.09291	-0.12686	-0.00463
-0.03891	0.07111	0.12473	0.03292	0.07108	-0.14801	-0.10279	0.22786	-0.02842
0.11859	-0.0205	-0.03218	-0.01768	-0.01782	-0.09962	-0.05012	0.11783	-0.04891
0.14812	-0.03874	0.02452	0.01405	0.02062	0.13333	0.17001	0.08986	0.27525
0.06805	0.10995	0.03307	0.17052	0.09193	0.06469	0.10395	0.00938	0.19254
0.07311	0.20206	0.21736	0.20498	0.18232	0.1621	0.09009	0.22526	0.1177
0.1404	0.1013	0.21464	0.06558	0.12407	0.05404	0.04053	0.05367	0.09424
-0.12543	0.06362	0.10498	0.09303	0.10049	0.07105	0.00375	0.00248	0.09732
0.11023	0.13548	0.19545	0.0323	0.05129	0.02056	0.11078	0.09643	0.07368
-0.01831	0.08689	0.05666	0.13034	0.10297	0.15969	0.11183	0.14127	0.12129
0.005	0.1014	0.08233	0.05458	0.07473	-0.05281	0.06153	0.07566	0.06942
-0.06188	0.06671	0.10089	0.07052	0.06898	0.08395	0.06029	0.03609	0.06399
0.04922	0.09152	0.00839	0.04037	0.03118	-0.05466	-0.0784	0.23569	-0.05856
-0.01109	-0.0187	0.00286	0.04735	-0.03544	0.06625	0.05397	-0.02728	0.13113
-0.03656	0.01367	0.09845	-0.04204	0.093	-0.12353	0.03017	-0.12064	-0.021
-0.25057	-0.02034	0.01496	0.02332	-2.20E-04	-0.01293	0.08853	0.01284	0.09437
0.09524	0.00327	0.04532	-0.04045	-0.0074	0.08281	0.04459	0.14354	0.18681
0.02518	-0.06494	0.03702	0.00936	0.0948	0.09996	0.0695	0.23864	0.05542
-0.12677	-0.32501	-0.19857	-0.24901	-0.26077	-0.37592	-0.278	-0.53041	-0.3499
-0.04205	0.03768	0.08214	0.09597	0.03418	0.06841	0.10163	-0.07005	0.04229
0.08475	0.09503	0.02782	-0.03338	0.00888	0.10879	0.17774	0.18928	0.10602
0.13917	-0.19681	-0.08013	-0.00353	-0.14471	0.0767	0.08179	0.09291	0.17968
-0.00898	-0.14404	-0.14741	-0.11629	-0.07247	0.02387	0.00199	-0.05464	0.04743
-0.06617	0.14257	0.21247	0.14612	0.10888	0.02092	0.09925	0.00226	0.03496
-0.02864	-0.01334	0.01804	0.11369	0.06062	-0.00703	0.00622	-0.01245	0.01618
0.23604	-0.14703	-0.10385	-0.02801	0.05125	0.20701	0.19079	0.10274	0.20085
-0.24223	1.55648	1.49624	1.57548	1.44521	0.04813	0.10873	-0.03156	0.17335
-0.00365	-0.04098	-0.02383	-0.0069	0.0429	-0.07628	-0.04606	-0.13642	0.06146
-0.04584	0.08339	-0.00607	0.00376	0.01104	-0.08701	-0.04331	0.06939	-0.08259
-0.01763	-0.13825	0.02254	-0.07041	-0.04121	0.12825	0.20172	0.08299	0.20364
0.0831	-0.00538	0.01176	-0.02922	-0.00778	0.00577	0.12465	-0.01839	0.14708
-0.08955	-0.02712	-0.10366	-0.1127	0.00952	0.04269	0.08572	0.1844	0.08754
0.08702	-0.09728	-0.05302	-0.0338	-0.06956	0.00299	0.02078	0.01341	0.02088
-0.04744	-0.06611	-0.12096	-0.02339	-0.0627	-0.09714	-0.00249	0.00798	0.08439
0.10443	0.15248	-0.04288	0.0376	-0.07883	0.019	0.14924	0.41516	0.13455
0.03853	-0.10427	-0.07814	-0.02851	-7.10E-04	0.03437	0.01742	0.11669	0.08107
0.08745	-0.04235	0.05951	-0.06682	0.02145	0.01236	-0.05031	0.05074	-0.02537

-0.09312	0.09004	0.0977	-0.04499	0.00183	0.13153	0.03548	0.17192	0.04714
0.04723	0.01844	0.08058	-0.09351	-0.15141	0.03445	-0.03658	0.211	-0.04253
0.1503	-0.0125	-0.02731	0.03942	-0.03916	0.09704	0.1172	-0.04932	0.05116
-0.09011	-0.00291	0.03068	0.08898	0.06625	0.022	0.06962	-0.06191	-0.01433
0.09818	-0.08766	-0.06169	-0.0827	-0.00181	0.07971	0.13746	0.06984	0.18676
0.08024	0.01397	0.06236	-0.02783	0.04443	0.07382	0.02994	0.10097	0.06784
0.05719	0.13275	0.12395	0.18143	0.13215	0.11238	0.14594	0.07447	0.16651
0.15141	0.03115	-0.03878	0.05864	0.04025	0.15359	0.13199	0.12205	0.0427
-0.40405	-1.33577	-1.16425	-0.87841	-1.12141	-0.91121	-0.4757	-0.68181	-0.49301
0.18046	-0.02961	-0.07921	-0.03053	-0.13683	0.16927	0.25088	0.21287	0.36152
0.10991	0.06631	0.04485	0.03596	0.01223	0.04955	0.00802	-0.01227	-9.50E-04
0.0565	-0.00268	0.02116	0.02575	0.04907	0.02755	-0.003	0.03315	0.13952
0.05757	-0.05913	-0.1454	-0.02448	-0.09493	0.06321	0.08625	0.18275	0.05357
0.39895	0.08177	-0.00181	0.0783	0.06328	0.63701	0.6219	0.55284	0.64089
-0.05348	0.05222	0.04316	0.02615	0.04727	0.02736	-0.01284	0.20559	-0.04853
0.16993	-0.02409	-0.11416	-0.03829	-0.10481	0.0216	0.00142	0.05752	0.03628
0.21241	0.02319	-0.05984	-0.05905	-0.07563	0.1594	0.152	0.199	0.1315
-0.04797	0.12608	0.31162	0.11267	0.15823	0.0688	0.15459	0.13562	0.10991
0.03448	0.05808	0.1387	0.10663	0.09187	0.056	0.08504	-0.04686	0.08504
-0.17602	-0.73395	-0.83665	-0.63814	-0.72216	-0.63508	-0.58882	-0.5574	-0.44547
0.03227	0.10368	0.00242	0.09285	0.05974	0.03304	0.11693	0.1046	0.10011
0.14348	0.06979	0.05734	-0.01695	0.04166	0.18848	0.23563	0.07964	0.08125
0.10814	0.03874	0.03207	0.00149	0.00609	0.10013	0.14179	0.13628	0.14367
0.18017	0.11319	0.12864	0.10522	0.10507	0.18009	0.13854	0.11479	0.21345
0.30592	0.0696	0.0616	0.08713	0.0589	0.16241	0.10197	0.15494	0.1967
-0.07258	0.01733	0.04875	-0.01111	5.90E-04	0.01782	0.08697	0.01467	0.14198
-0.12424	-0.17474	-0.14238	-0.11512	-0.23458	-0.15708	-0.11132	-0.1478	-0.14805
0.08459	0.03373	0.05662	0.04008	0.08426	-0.01297	-0.077	0.241	-0.07375
-0.1849	0.03393	0.02388	0.08694	0.03667	0.1769	0.02021	0.07742	-0.04301
0.04188	-0.02379	-0.0233	-0.01031	-0.01544	0.067	-0.01278	0.06351	0.02383
0.08206	-0.17888	-0.22519	-0.20545	-0.17201	-0.11394	-0.07575	-0.17228	-0.04658
0.06924	0.09018	0.08616	-0.02103	0.08908	0.09107	0.15255	0.1658	0.07345
0.09195	0.04303	0.04961	0.01941	-0.00279	0.10593	0.07951	0.14378	0.10741
0.09461	-0.12074	-0.00981	0.08517	0.1846	0.1982	0.02625	0.0821	-0.02536
0.01548	-0.01768	-0.14479	-0.03513	-0.06578	-0.09099	-0.12879	-0.10549	-0.05456
0.57107	-0.39313	-0.32773	-0.36109	-0.0119	0.40309	0.01067	0.42569	0.05695
-0.15137	-0.01516	0.01189	0.11088	-0.00186	0.08927	0.05264	0.10374	0.05744
0.02315	-0.10059	-0.01484	-0.07259	-0.06237	0.10833	0.06585	0.08864	0.08163
0.06063	-0.0314	-0.07259	-0.0271	-0.08937	0.01664	0.07053	0.03177	0.1031
0.00436	0.01432	0.0028	0.04773	0.04448	0.1543	0.07014	0.08582	0.10038
0.01547	0.05704	-0.08864	0.06058	-0.03834	0.03855	0.00732	0.00271	0.05629
0.09164	-0.03389	-0.16286	-0.02283	-0.05051	0.11697	0.06568	-0.03619	0.09236
0.07163	0.04295	-0.00277	0.02871	-0.0157	0.07946	0.28664	0.1643	0.15268
-0.03005	-0.03649	-0.12064	0.00874	0.00272	0.08346	-0.00951	0.00968	0.09435
0.14079	-0.09355	-0.07222	-0.01861	0.01952	0.018	0.01297	0.15519	0.09174
0.05193	-0.02399	-0.08862	0.02402	-0.05936	0.15866	0.14936	0.04751	0.10783
-0.05449	-0.07155	-0.15756	0.04175	0.18251	0.00611	-0.14418	-0.26366	0.20766
0.19139	0.30029	0.22737	0.19693	0.21136	0.67351	0.64706	0.82569	0.67321
0.10323	-0.01854	0.03884	-0.01568	0.10672	-0.0387	-0.01731	-0.05063	0.00424
0.04164	-0.06959	-0.02204	-0.05439	-0.04976	0.12646	0.13553	0.19149	0.10112
0.16345	-0.09145	-0.06512	-0.09324	-0.06011	0.09069	0.05174	0.05415	0.08007
-0.10752	-0.51295	-0.30177	0.06187	-0.1553	0.07277	0.02929	0.08503	-0.01757

0.15234	-0.02196	-0.03309	0.00344	-0.11147	0.02026	0.13643	-0.0465	-0.01148
0.33994	0.07772	-0.08068	0.06949	-0.02816	-0.07788	-0.00511	0.16978	-0.04716
-0.1499	0.02239	0.00383	0.0329	-0.05092	-0.02494	0.11587	-0.18394	0.05525
-0.04916	0.09523	0.10977	0.02924	-0.02782	-0.07258	-0.0472	-0.02645	-0.05449
0.01937	-0.06593	0.01118	0.10773	0.01737	0.25739	0.33613	0.24803	0.27506
0.03068	0.06816	0.10041	0.03247	0.12995	-0.10527	0.03141	0.01233	0.08775
-0.02875	-0.04964	-0.06166	-0.00735	0.02245	0.0416	0.14601	-0.20805	0.02903
-0.00203	0.11015	0.03551	0.03217	0.06217	0.03351	0.04955	0.0481	0.01728
-0.03594	-0.05981	-0.03785	-0.05221	-0.04835	0.12311	-0.14204	0.14489	-0.11486
0.07542	0.14274	0.03284	0.1567	0.02423	0.11214	0.30641	0.33565	0.12357
0.2209	-0.07927	-0.04268	-0.08197	-0.0535	0.13773	0.02864	0.13643	0.09706
0.0112	0.03687	-0.00775	0.08143	-0.00855	-0.00212	0.01947	-0.12949	0.00438
0.06706	-0.07428	-0.09094	-0.03516	-0.04457	0.15748	0.22347	0.15337	0.19142
0.12995	0.10688	0.12509	0.14208	0.18531	0.23528	0.08892	0.15929	0.15483
0.16995	0.03798	0.02457	0.2078	0.424	0.39739	0.35601	0.36725	0.21501
-0.04058	0.08095	0.11582	0.0987	0.08515	0.07993	-0.04559	0.11204	0.01118
0.11118	0.08543	-0.00489	0.03215	0.01468	0.13359	0.04685	0.09354	0.04035
0.14758	0.02144	-0.09318	0.09105	-0.02524	0.09224	0.15443	0.12198	0.15368
0.18532	-0.013	-0.12257	-0.06141	-0.03667	-0.00514	0.06001	0.02705	0.02396
0.04287	0.18837	0.18833	0.18728	0.20399	-0.09785	-0.02298	-0.04821	0.12917
-0.03686	0.00171	0.05151	0.01669	0.07358	-0.21231	-0.07124	-0.00235	0.02994
0.03271	-0.13061	-0.29285	-0.08086	-0.14464	0.08114	0.1978	0.05964	0.11888
0.04669	0.04213	0.01104	0.01955	-0.04015	0.10028	0.05838	0.18121	0.03902
-3.50E-04	-0.0511	-0.05469	-0.05891	0.03916	-0.01933	0.02643	-0.10386	0.07816
-0.13177	-0.35014	-0.55767	-0.12853	-0.04699	0.06322	0.24664	0.20425	0.11872
-0.02879	0.04154	-0.0212	0.01242	-0.03613	-0.11192	-0.0295	0.14337	0.00681
0.0726	-0.06193	-0.05915	-0.12159	-0.15077	0.08287	0.05211	0.16868	0.02668
-0.51648	-0.22116	-0.31516	0.27137	-0.07191	-0.34462	-0.44755	-0.45052	0.11652
0.12282	-0.23317	-0.226	-0.08493	-0.1953	-0.1204	-0.10289	-0.12395	-0.03535
-0.02949	-0.03299	-0.08662	0.03735	0.019	0.08442	0.15595	0.07271	0.19836
0.00676	0.02287	0.031	0.072	0.09657	0.03275	-0.05261	-0.08599	0.00238
0.12081	0.09063	0.02146	0.05037	0.13427	-0.00936	-0.03009	-0.09091	-0.04372
0.030057	0.00777	0.0568	3.60E-04	-0.02157	0.22185	0.23328	0.16044	0.17907
0.05962	0.10779	0.02659	0.12362	0.04453	0.06103	0.03731	-0.00152	0.05453
-0.00264	0.03901	-0.0069	-0.03771	0.01408	0.12785	0.06927	0.20684	0.00412
0.00316	0.06216	-0.02722	-0.02523	-0.00832	0.0716	0.11518	0.02071	0.15336
0.05295	-0.01688	-0.01826	0.03771	0.03706	0.09046	0.05248	0.09568	0.13846
0.04991	-0.01279	0.0963	-0.01269	0.03828	0.13007	0.14579	0.0591	0.15597
0.00416	0.04948	0.17495	0.14652	-0.02663	0.16534	0.1688	0.09328	0.16748
-0.1124	-0.33494	-0.16522	-0.16546	-0.23913	0.14224	0.19539	0.11074	0.15415
-0.15329	0.13334	0.19954	0.03251	0.15194	-0.19888	-0.24853	-0.02975	-0.17395
0.07119	-0.16164	-0.00964	-0.14056	-0.02964	-0.0046	-0.25294	-0.159	-0.23307
-0.11065	0.13676	0.18094	0.16979	0.16445	0.0994	0.229	0.23417	0.32848
-0.00882	-0.01102	0.11392	0.05929	0.11309	0.06411	0.00839	0.02654	0.08133
-0.12642	0.02705	-0.03363	0.02849	0.07289	-0.14847	-0.21222	-0.22919	-0.01763
0.02361	0.04039	0.07568	0.07478	0.07006	0.1033	0.09141	0.01787	0.11511
-0.00872	0.03708	0.09531	-6.00E-04	0.06808	-0.07437	-0.15286	0.0865	-0.03979
0.02345	-0.03144	0.1166	0.03695	0.01256	0.03983	0.03908	0.01116	0.02782
0.00902	-0.02516	-0.03062	0.04336	0.0072	0.04194	0.06236	-0.03081	-0.02969
-0.18133	-0.07996	-0.08081	-0.08057	-0.03643	0.01209	-0.02857	-0.01621	-0.08541
-0.03753	0.1961	0.33064	0.46374	0.32424	0.4044	0.57292	0.15804	0.41883
0.16762	-0.13798	-0.23086	-0.1203	-0.09805	-9.70E-04	0.0025	-0.19484	-0.13973

0.16944	0.08201	-0.16621	0.1781	0.18871	0.19326	0.14742	0.26097	0.19506
0.18918	-0.06526	-0.04234	0.01176	0.05455	0.00298	-0.05175	-0.04682	-0.0149
-0.00778	0.0518	-0.02124	0.06913	0.04011	0.02979	0.18526	0.19769	0.01564
0.12633	0.02327	0.00455	0.0969	0.01011	-0.04309	0.00489	-0.12028	0.04409
-0.21421	-0.28618	-0.17843	-0.13733	-0.19352	-0.0329	-0.02265	-0.10066	-0.05813
0.04837	-0.04625	-0.03152	-0.04725	-0.03544	0.01365	-0.08209	-0.03335	-0.07658
-0.04025	0.04354	0.02801	0.15429	0.07267	0.06348	0.01276	0.03302	0.04157
-0.001	-0.03678	-0.02553	-0.03004	-0.03665	0.0022	-0.00285	0.01873	0.01218
0.00247	-0.07401	-0.07236	6.40E-04	-0.08186	0.1101	0.06493	0.00716	-0.05606
-0.0793	0.02822	-0.00989	-0.1895	-0.305	0.16264	-0.04765	-0.04579	-0.0458
-0.18201	0.16016	0.0897	0.08301	0.0651	0.03097	0.03881	0.06214	0.06591
0.18922	0.00642	0.06219	-0.03513	0.07512	0.06487	0.12626	0.07034	0.07942
-0.08099	0.3698	0.20332	0.19643	0.12776	-0.08319	-0.06772	-0.10726	-0.05278
0.00681	2.90E-04	0.01927	0.0046	0.00842	-0.00338	0.09554	-0.07322	0.02399
0.17275	-0.13784	-0.01636	-0.1014	-0.0521	0.11017	0.14974	0.00433	0.11192
0.10103	-0.0834	-0.1076	-0.02006	-0.10117	-0.00447	0.01545	-0.04607	0.02179
0.06041	-0.02073	-0.05486	0.01459	-0.11928	-0.05395	0.03271	-0.12084	0.06119
0.06473	0.03095	-0.08223	-0.0637	0.03784	0.32157	0.35833	0.20979	0.22752
-0.04596	-0.12354	0.01357	0.16676	0.17608	0.13596	0.02286	-0.18841	0.0088
0.02685	0.06198	0.00236	0.17873	0.09347	0.09647	0.24008	0.23814	0.15626
0.24795	-0.20597	-0.17138	-0.22571	-0.14957	0.37893	0.44497	0.31734	0.43848

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Probe ID	GenBank #	Sequence	Correlation	Magnitude	SNR	m_liver_lov	m_liver_lov	m_liver_lov
A_42_P77	AI408440	Similar to M	0.98641	3.1287	19.38721	-0.60951	-0.29592	-0.60454
A_42_P78	BI290606	Transcribed	0.98075	3.1883	27.49064	-0.66308	-0.32098	-0.59522
A_42_P46	NM_01933	Protein kin	0.95554	1.42157	10.39748	-0.18094	-0.15475	-0.43727
A_42_P53	BF284803	Interferon r	0.95306	1.65777	15.0846	-0.0431	0.09372	-0.0342
A_43_P11	BG381460	Transcribed	0.94774	1.57515	11.37989	-0.34994	-0.22876	-0.58417
A_43_P14	AA819629	Similar to n	0.93725	1.69875	9.4179	0.23899	-0.40802	-0.69945
A_43_P17	AW531805	Similar to T	0.93645	3.15235	19.62571	-0.45862	0.30111	-0.12504
A_43_P15	NM_02009	Interferon-i	0.92359	3.03561	7.8899	-1.16571	0.10878	0.08641
A_42_P72	NM_138912	5'-oligoa	0.92309	2.67118	20.76844	0.00553	0.24647	0.29868
A_43_P10	BU759862	Similar to E	0.91929	0.827	11.13741	-0.0249	-0.1597	-0.3092
A_43_P10	AA923988	Similar to M	0.91655	1.62518	9.7901	-0.3743	-0.03588	-0.28925
A_42_P61	BM390640	Transcribed	0.91423	1.49935	15.46924	-0.43042	-0.03742	-0.31287
A_42_P61	BF283485	SP110 nuc	0.9095	1.06018	11.6978	-0.35148	-0.09501	-0.25823
A_42_P68	BE096453	Ubiquitin-a	0.90718	0.85976	10.50599	0.12954	-0.24173	-0.263
A_42_P57	BM389417	Transcribed	0.89929	2.26346	28.5453	-0.17597	-0.22011	-0.09412
A_42_P68	BI276216	Thymidylat	0.89669	3.46474	16.67244	-0.06517	-0.38863	-0.77467
A_43_P12	NM_03261	Signal tran	0.88932	0.88867	7.62265	-0.21122	0.05248	-0.28354
A_42_P60	BQ191889	Similar to h	0.8863	0.81551	10.41673	-0.24456	-0.16209	-0.18581
A_43_P18	CB545203	Similar to u	0.8751	1.28361	7.62279	-0.28818	-0.12706	0.02758
A_42_P66	AI176721	Transcribed	0.87102	1.58489	7.81943	-0.73371	-0.62203	-1.29396
A_42_P62	AI014140	Similar to 2	0.85962	1.19619	6.35855	-0.08056	0.22548	-0.54038
A_42_P76	BF542538	CD83 antig	0.85955	1.60212	9.59749	-0.5267	-0.11217	-0.98068
A_43_P21	BQ204616	Interferon c	0.85343	1.17506	9.57936	-0.17587	0.02528	-0.53782

m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov
-0.27528	0.62194	1.14419	1.16261	1.04987	1.40097	1.28913	1.25255	1.32976
-0.56541	1.1411	1.00293	1.32352	1.30006	1.48242	1.60384	1.91851	1.82237
-0.15987	0.14088	0.26335	0.25497	0.09054	0.47929	0.49317	0.80774	0.67391
0.01613	0.37981	0.39281	0.46862	0.41111	0.38923	0.54128	0.9488	0.6121
-0.04247	-0.01076	0.32545	0.39021	0.50599	0.27503	0.37595	0.53078	0.30428
-0.22556	0.71129	0.13254	0.51083	0.64807	0.74996	0.82836	0.40961	0.79014
-0.16551	0.11905	0.70081	1.0069	0.54577	0.62712	0.72582	0.91799	0.81078
-0.55435	0.17623	0.95871	1.42312	0.40754	0.13948	0.83873	1.86282	0.87018
0.08628	1.33896	1.42462	1.77787	1.63101	1.03255	1.37664	1.39017	1.28752
-0.21707	0.25399	0.26582	0.41269	0.38807	0.35871	0.61583	0.65171	0.71735
-0.49534	0.0517	0.44307	0.85753	0.4517	0.16661	0.56772	0.70785	0.52335
-0.25843	0.00754	0.38782	0.12164	0.10261	0.24788	0.18895	0.42249	0.29988
-0.03383	0.01837	0.21544	0.33512	0.29314	0.63116	0.34721	0.63776	0.43401
-0.13707	0.21075	0.08179	0.20339	0.19862	0.25487	0.22036	0.05715	0.25938
-0.15603	0.44533	0.63453	0.54253	0.40284	0.5742	0.78032	0.76402	0.79923
-0.76965	0.18745	0.56543	0.51645	0.36763	0.19984	0.22596	0.40942	0.9241
-0.19585	-0.01036	0.24005	0.34562	0.07025	0.11522	0.00249	0.4533	0.24762
-0.05864	0.33318	0.34808	0.47938	0.53361	0.29329	0.26128	0.30156	0.3323
0.05036	0.2682	0.3702	0.16122	0.31078	0.20811	0.41906	0.29129	0.23571
-0.47593	0.28529	0.3519	0.48139	0.30175	0.09033	0.31435	0.44075	0.54773
-0.3713	0.09327	0.12902	0.61608	0.05943	-0.07992	-0.03559	0.38021	0.02412
-0.18768	-0.33438	0.23692	0.49467	-0.11138	0.44363	0.54162	0.56486	0.33602
-0.32847	0.13611	0.13676	0.39134	0.35433	0.73549	0.37605	1.04723	1.06656

m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç
-0.16152	0.11499	0.11604	-0.06593	2.76018	2.41235	2.81724	2.73976	0.76181
0.23157	0.3348	0.2523	0.26867	2.40748	2.36289	2.9229	2.91525	0.23787
-0.34614	0.13291	0.18046	0.24264	1.03502	1.18091	1.32567	1.21186	0.2388
-0.01377	0.10983	0.09888	0.13617	1.19443	1.10117	1.82004	1.8663	-0.02926
-0.01859	0.09532	0.17433	-0.01892	1.23501	0.93483	1.50798	1.41744	0.69393
0.10653	-0.26171	-0.34874	0.04313	1.23713	0.90911	1.57578	1.97894	0.18031
0.13332	0.48688	0.46858	0.28616	2.90563	2.74568	3.41952	3.09053	1.24366
-0.41887	0.19491	-0.23892	-0.69146	1.8099	2.17983	3.102	3.52583	-0.55066
0.29735	0.30264	0.61501	0.42194	2.08822	1.97551	2.4648	2.43902	-0.46865
-0.11394	-0.14674	-0.16786	-0.149	0.49751	0.41017	0.79834	0.89111	-0.02749
-0.00267	0.12208	-0.01138	0.01236	0.86307	0.70721	1.91595	1.81971	-0.04333
0.04865	0.08909	0.13219	0.04076	1.16416	1.18772	1.36882	1.23756	0.70935
-0.087	0.06046	0.06427	-0.18059	0.61569	1.05662	0.98408	0.84578	0.54292
0.1294	0.12228	0.23749	0.07218	0.49409	0.5595	0.84026	1.03294	0.0381
0.32235	0.46451	0.49337	0.62588	2.35489	2.19897	2.03729	1.81648	0.58381
0.0889	0.44675	0.25527	0.43165	2.73115	2.33146	3.68346	3.11476	1.51138
-0.09877	0.23001	0.33332	0.05708	0.47458	0.47649	1.08988	0.87561	0.05982
-0.0593	-0.10565	-0.27024	-0.06891	0.66172	0.57281	0.65414	0.72227	0.50674
0.11233	0.11201	-0.17053	0.07535	0.90426	0.53444	1.35397	1.68504	0.18283
-0.00708	-0.5184	-0.54822	-0.26938	0.58795	0.47709	1.13007	1.01884	0.52565
-0.15314	0.00189	-0.24682	-0.144	0.2113	0.57622	1.64191	1.58857	0.12287
-0.10409	-0.02479	-0.08672	-0.21003	0.8606	0.99477	1.59348	1.15238	0.93377
0.04465	0.06653	-0.05708	-0.04156	0.66784	0.58287	1.13823	1.29442	0.14436

m_liver_hiç	m_liver_hiç	m_liver_hiç	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
-0.0723	0.39577	0.54284	-0.15286	-0.4144	-0.4103	-0.06599	0.35058	0.16761
-0.03025	0.10362	0.06878	-0.04394	-0.17321	-0.03892	-0.02127	0.40113	0.24539
-0.47304	0.24959	0.24643	-0.06044	-0.32695	-0.13953	-0.20787	0.09306	-0.03179
0.04871	0.23992	0.08999	-0.22494	-0.04067	-0.14632	-0.06007	0.11679	0.19371
0.1365	0.49979	0.53793	0.02674	-0.14544	-0.09676	-0.08505	-0.07659	0.09716
-0.3536	-0.24823	0.34261	-0.09169	0.04112	-0.05013	-0.04938	0.17036	0.12028
0.97603	1.45662	1.21077	0.22922	0.26365	0.20846	0.2155	0.07624	0.14588
-0.36088	0.39475	-0.85718	-0.09753	0.13559	-0.20946	-0.30279	0.67851	0.38059
-0.26866	-0.4487	-0.53115	-0.076	0.1001	-0.06841	-0.05282	0.37755	0.441
-0.07147	0.03752	-0.17724	-0.03838	0.00164	0.00991	-0.02559	0.05772	0.09297
0.01802	0.13274	-0.15937	-0.07366	0.07329	-0.07863	0.00453	0.00911	0.07789
0.35803	0.63421	0.51713	-0.11943	-0.01417	-0.08166	-0.06495	0.01664	-0.01553
0.21128	0.51022	0.48842	-0.03098	-0.05514	-0.04353	-0.04242	0.15643	0.14718
-0.02142	-0.08395	0.10137	0.07329	-7.90E-04	0.03804	0.06395	0.06925	-0.01789
0.57414	0.58695	0.51398	-0.06824	0.169	0.12196	0.12477	0.0714	0.08968
1.24456	1.72337	1.97289	-0.34883	-0.3259	-0.32717	-0.41375	0.19644	0.06481
0.06625	0.09154	0.23682	0.02003	-0.05035	-0.04822	-0.04359	0.05278	0.0518
0.12518	0.26761	0.23747	0.06147	-0.27723	0.05049	0.0422	0.01532	-0.06302
-0.65365	0.04559	0.08437	-0.03504	0.12101	-0.14925	0.01125	0.02951	0.16512
0.0316	0.39235	0.1932	0.05932	-0.53285	-0.18204	-0.09292	0.03682	-0.2548
0.22089	0.56654	0.25657	0.02839	-0.1597	-0.08839	-0.07856	0.11495	0.00962
0.30804	0.96425	0.89897	-0.20513	-0.31473	-0.38913	-0.1933	0.13473	0.18188
-0.06204	0.05292	0.11664	-0.01715	0.01633	0.03401	0.00974	-0.02505	-0.05

m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
0.40277	0.3773	0.3233	0.27207	0.20447	0.37539	-0.28968	-0.32525	-0.212
0.2791	0.25942	0.48975	0.44558	0.47454	0.47019	-0.03232	0.11279	0.04808
-0.04558	0.01955	0.07073	-0.03734	-0.1219	0.2406	-0.14933	-0.03995	-0.0575
0.04948	0.11762	0.47728	0.28529	0.44489	0.33587	0.03583	0.05912	-0.00574
0.13276	0.17568	0.08965	0.21845	0.20917	0.21239	0.04016	0.03917	0.02379
0.24099	0.13125	0.29749	0.26313	0.3192	0.27869	-0.02729	0.00782	0.03215
0.07692	0.00944	0.53519	0.49064	0.61605	0.60018	0.21359	0.26756	0.06238
0.08979	0.00226	0.34955	0.28471	-0.04655	0.48654	-0.18895	-0.24605	-0.19792
0.31518	0.3577	0.57036	0.43664	0.52355	0.5474	0.03586	0.12759	0.02314
0.10106	0.07012	0.11294	0.07513	0.0704	0.07625	-0.09707	0.01219	0.03614
0.13667	-0.0445	0.14756	0.04988	0.08373	0.10463	-0.05869	0.05464	0.01784
0.00518	0.05361	0.3351	0.25791	0.14041	0.19933	0.11102	0.09012	0.05582
0.15215	0.12011	0.21474	0.2455	0.26331	0.19849	-0.12147	-0.12249	-0.0922
0.02433	-0.00588	-0.10485	0.01138	-0.01395	-0.053	-0.04297	0.01946	0.01307
0.02999	-0.08083	0.38471	0.24894	0.36092	0.33144	0.13638	0.14763	0.1626
-0.00646	0.03541	0.21037	0.03781	0.05563	0.36353	-0.31924	-0.31176	-0.50202
-0.03842	0.06288	0.05306	0.05065	0.0969	-0.07309	-0.14928	0.01405	0.01939
-0.06469	-0.04642	-0.01909	0.00759	0.01075	-0.02325	-0.01662	0.09468	-0.03136
0.02437	-0.15411	0.11447	0.0589	-0.01858	0.13862	-0.06988	0.0507	-0.08103
0.1281	-0.04199	-0.30542	-0.04422	-0.14951	0.2464	-0.08257	-0.07279	-0.2135
0.00461	-0.09893	0.01733	-0.04099	0.0494	0.04279	-0.17366	-0.13632	-0.24306
0.31327	0.13138	0.08743	0.07862	0.03515	0.21416	-0.4041	-0.47289	-0.44333
0.03449	0.04713	0.02952	0.1255	0.17633	0.09989	0.01025	0.01128	0.02209

m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
-0.30495	1.57128	1.15949	1.50372	1.52304	-0.11298	0.04928	-0.19745	0.16715
0.04905	1.32977	1.57534	1.41151	1.22382	-0.0792	-0.06484	-0.19812	-0.08095
-0.041	0.64175	0.51344	0.58009	0.51713	-0.17874	-0.0194	-0.10273	-0.05655
0.0089	1.01084	0.7501	0.8123	0.85995	-0.17729	-0.16623	-0.1776	-0.12802
-0.03252	0.71826	0.58162	0.87385	0.63097	-0.01599	-0.02122	-0.18961	0.06417
0.05134	0.65505	0.74306	0.80076	0.62086	-0.04269	-0.00179	-0.12024	-0.0224
0.18884	1.58967	1.52121	1.65918	1.31537	-0.04142	-0.0223	-0.13685	0.09265
-0.16788	0.97274	0.91181	0.67318	0.55983	-0.18215	-0.081	-0.17867	-0.3011
0.16784	1.4264	1.05028	1.19192	1.23682	-0.16344	-0.05285	0.10295	-0.10069
-0.04939	0.31216	0.32853	0.28382	0.26517	0.06902	0.01056	0.03704	0.09711
-0.04947	0.21966	0.21832	0.38452	0.12974	0.05857	0.1661	-0.00658	0.05507
0.00697	0.52888	0.77509	0.64882	0.45043	0.02674	0.15304	0.22654	0.00226
-0.05414	0.3396	0.45288	0.45252	0.33525	0.05785	0.04944	-0.0135	0.06031
0.08753	0.23045	0.30188	0.33823	0.23432	-0.05558	-0.08811	-0.06938	-0.05289
0.14715	0.5113	0.50489	0.52105	0.53987	0.19065	0.14371	0.10836	0.16491
-0.24776	0.84151	0.57901	0.68186	0.7296	-0.22913	-0.10871	-0.00883	-0.15814
0.03995	0.2261	0.21439	0.31164	0.20728	-0.04759	-0.03472	-0.09429	-0.0372
0.14136	0.20979	0.16954	0.18668	0.22538	0.03907	-0.01746	-0.03339	0.15497
-0.19106	0.35479	0.20123	0.47674	0.06585	-0.19376	-0.06919	-0.22386	-0.16993
-0.27667	0.23068	0.13448	0.32546	0.34247	-0.17226	-0.08779	-0.22644	0.12933
-0.09658	0.29569	0.20001	0.23032	0.22387	-0.13488	-0.05653	-0.23692	0.05519
-0.43599	0.01825	0.06359	0.18484	0.22338	-0.15386	-0.23544	-0.13322	-0.19565
0.01902	0.0951	0.14664	0.07133	0.06321	0.00696	0.13784	0.21338	0.02471

high_7d_plus_B_nmg.txt

Probe ID	GenBank #	Sequence	Correlation	Magnitude	SNR	m_liver_lov	m_liver_lov	m_liver_lov
A_43_P10	AA955927	Transcribed	0.98416	1.89913	20.96877	1.1897	1.19947	1.11499
A_43_P11	NM_01725	B-cell trans	0.9692	2.75689	31.17941	1.17447	1.35433	1.32751
A_43_P15	BU759048	Similar to C	0.95463	1.38762	11.3952	0.52466	0.66467	0.81712
A_42_P72	NM_03162	Mitogen-ac	0.95229	1.09998	8.02372	0.34281	0.58673	0.57598
A_42_P49	BE099763	FK506 binc	0.95045	2.88595	26.3684	2.04925	1.91783	2.03
A_43_P11	NM_01918	ADP-ribosy	0.94317	1.53904	13.76772	0.69844	1.00686	0.91637
A_42_P52	BG372544	Elongation	0.93108	1.13463	11.44809	0.5389	0.82221	1.01516
A_42_P50	BF284775	Similar to n	0.92268	1.11962	8.92332	0.18875	0.53907	0.60803
A_42_P65	BG380130	Neural prec	0.90952	1.0704	7.49448	0.36253	0.97604	0.60815
A_42_P80	NM_03157	Protein tyrc	0.90883	1.30833	19.97661	0.75694	0.82449	1.09771
A_42_P47	BQ781661	Data not fo	0.90827	1.25453	15.02715	0.89663	1.0502	1.19794
A_43_P10	AI009167	Transcribed	0.90559	1.64329	9.88481	0.22519	0.87026	0.56402
A_42_P80	BF564888	Transcribed	0.88956	2.71686	22.7769	0.82169	1.14227	1.23435
A_42_P77	BF549037	Transcribed	0.8866	1.63641	8.61844	0.56242	0.64047	0.94287
A_42_P64	AI029526	Cyclin-depr	0.88241	1.16518	8.65852	0.34045	0.46538	0.96375
A_42_P73	AW530025	RNA (guan	0.88027	1.21257	9.10269	0.1571	0.37501	0.55362
A_43_P13	AA859996	TBC1 dom	0.87864	0.77084	7.35608	0.40289	0.47551	0.67736
A_42_P75	BQ211418	Similar to S	0.87721	1.04175	6.758	0.07885	0.67241	0.87038
A_42_P75	AA858786	Ring finger	0.87153	0.8804	4.46289	0.29449	0.89696	0.68423
A_42_P81	AA858925	Erythrocyte	0.87131	1.04365	9.13639	0.29402	0.54606	0.54334
A_42_P59	BF547336	Similar to H	0.86971	1.21562	8.453	0.08194	0.56607	0.50873
A_42_P66	CA507081	Peroxisom	0.86932	1.2589	10.2627	0.12406	0.48956	0.66448
A_43_P14	AA819350	Rab6 inter	0.86584	0.61302	6.71668	0.14713	0.39571	0.37487
A_42_P53	NM_13887	Similar to K	0.86255	1.44002	13.26011	0.87449	0.8042	1.10494
A_42_P82	NM_03134	Delta sleep	0.8608	2.16146	19.79124	1.63711	1.16489	1.5726
A_43_P14	AI172479	Transcribed	0.85784	1.2225	10.81717	0.12305	0.27995	0.47464
A_42_P57	NM_05343	Ring finger	0.8577	1.01017	9.32341	0.22983	0.31945	0.39979
A_43_P14	BQ782502	Similar to F	0.85651	0.74399	8.99356	0.22678	0.10034	0.29019
A_42_P73	AW525344	Max bindin	0.85562	0.7433	5.48172	0.32858	0.25214	0.32903
A_42_P56	AI009123	Gene trap l	0.85205	0.97748	9.95328	0.35654	0.4267	0.54687

m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov
1.15397	-0.45182	-0.31309	-0.60488	-0.55176	0.05398	0.10273	-0.11349	-0.04963
1.25579	-1.23162	-0.73621	-0.95201	-0.83145	0.02861	-0.01862	-0.15656	-0.06466
0.7874	-0.4551	-0.00462	-0.41601	-0.36244	-0.15892	0.07925	-0.06426	-0.05104
0.71754	-0.46316	0.07191	-0.19054	-0.46635	0.14477	-0.09208	-0.17855	0.03904
2.11502	-0.91669	-0.80685	-0.89743	-0.81072	0.14805	-0.04478	-0.1997	0.01453
0.82804	-0.08822	0.04084	-0.25794	-0.31098	-0.13645	-0.19075	-0.37691	-0.21233
0.76114	-0.55931	-0.20951	-0.34396	-0.28834	-0.07704	0.07766	0.0565	-0.04131
0.31458	-0.61251	0.10644	-0.29164	-0.45021	-0.07185	0.11453	-0.05813	-0.0562
0.82174	-0.50959	0.16581	0.13577	-0.19143	-0.098	-0.24482	0.07886	-0.00393
0.9042	-0.36655	-0.3056	-0.44508	-0.35775	-0.13119	0.09276	-0.15342	-0.12229
0.95917	-0.37019	0.02186	-0.1221	-0.30747	-0.21297	-0.23012	-0.16414	-0.30697
0.36314	-1.21294	-0.39091	-0.69901	-0.68203	-0.24961	0.20877	9.90E-04	-0.138227
1.25788	-0.00976	0.17715	0.33936	0.38762	0.13552	-0.09451	-0.15344	-0.0237
0.81468	-1.09774	-0.1308	-0.60398	-0.5694	-0.47656	-0.7921	-0.60989	-0.43252
0.66989	-0.11422	0.04484	-0.06187	0.03137	-0.06162	0.16972	0.20178	0.01053
0.47328	-0.89967	-0.18948	-0.21909	-0.40279	0.16279	0.18694	-0.01241	0.13262
0.48085	-0.2152	-0.02902	-0.32474	-0.41217	-0.09753	-0.01442	-0.00581	-0.21502
0.36199	-0.12305	0.13581	-0.07582	-0.17901	-0.2505	-0.14633	-0.04031	-0.31005
0.39056	-0.80779	-0.08164	0.07485	-0.29365	-0.01984	0.30136	0.10888	-0.18134
0.39609	-0.18818	0.15766	-0.2524	-0.1772	-0.22551	-0.16184	-0.37187	-0.23879
0.45023	-0.51966	0.0441	-0.15905	-0.07214	-0.31309	-0.21509	-0.36111	-0.44687
0.43477	-0.68417	-0.08127	-0.31723	-0.50835	-0.02905	0.05052	0.22798	0.01467
0.34332	-0.34044	-0.13358	-0.09163	-0.32263	-0.0683	0.02901	0.03447	-0.16213
0.93739	-0.32359	-0.32811	-0.27566	-0.25964	-0.2054	-0.12226	0.14073	0.01196
1.76459	0.0068	0.25478	0.28221	0.34029	0.04381	0.2636	0.2041	0.19486
0.43456	-0.34684	-0.10253	-0.57576	-0.54739	-0.22909	-0.15548	-0.41865	-0.36793
0.4789	-0.29447	-0.02239	-0.25736	-0.01622	0.02435	0.05384	-0.2571	-0.17178
0.4123	-0.10896	-0.02983	-0.2112	-0.05197	0.08121	0.16506	-0.01877	0.1028
0.49949	-0.03015	-0.1341	-0.59565	-0.08337	-0.00491	0.3033	-0.3112	0.08044
0.53161	-0.3889	-0.10906	-0.28905	-0.11863	0.13887	0.06389	-0.06831	0.0505

m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç
1.26694	1.41251	1.4929	1.50264	0.23068	0.30978	-0.06303	0.00352	0.94325
1.78463	1.89981	1.78053	1.81128	0.78544	0.75195	0.7132	0.68687	1.31792
0.83994	1.09112	1.19257	1.18869	0.41151	0.35347	0.26318	0.2061	1.23168
0.68251	0.95538	0.92462	0.78926	0.11774	0.49102	0.07358	-0.06491	0.72566
1.60699	1.89986	1.77158	1.9893	0.37031	0.53779	0.12888	0.23962	0.6097
1.11428	1.29649	1.13651	1.20812	0.44948	0.7634	0.51272	0.33926	1.12981
0.43176	0.67876	0.90967	0.73892	-0.0814	-0.04487	0.04641	-0.15203	0.41233
0.60177	0.78229	1.04856	0.79794	-0.02236	0.29246	0.1465	-0.08079	0.74031
0.67482	0.99405	1.16406	0.82174	-0.01748	0.32782	0.4483	0.15603	0.55749
0.85334	0.82903	1.1217	0.95427	-0.29779	-0.32019	-0.38366	-0.26163	0.27029
0.68097	1.00093	1.08442	0.96251	0.0108	0.07536	-0.17765	-0.27838	0.63857
0.84658	1.12615	1.07142	0.5441	-0.18321	-0.023	0.29561	-0.20508	1.19686
2.04471	2.03908	2.1227	2.17332	1.4181	1.46986	1.57082	1.59612	2.43417
0.72685	0.8991	1.27418	1.24358	-0.30442	-0.07607	-0.49755	-0.49428	0.77978
0.7003	0.80636	1.35114	1.0369	-0.025	0.10429	0.3614	0.13664	0.33204
0.84495	0.85967	0.83881	0.59584	0.17764	0.27237	0.22659	0.20772	0.78016
0.11938	0.43456	0.85658	0.69169	0.07018	0.17609	-0.06529	-0.06376	0.2162
0.39618	0.47118	1.50391	0.95443	0.07708	0.25318	0.38719	0.42554	0.17957
0.40371	0.87605	0.60454	0.52905	-0.04374	0.06138	0.65525	0.34796	0.67684
0.55052	0.44377	1.34688	0.83542	0.23913	0.50369	0.51332	0.33767	0.15087
0.78824	0.80733	0.97342	0.61606	0.26194	0.52816	0.61597	0.5036	0.87232
0.55977	0.71872	1.19267	0.97341	0.25817	0.38399	0.24569	0.13054	0.52044
0.18174	0.37731	0.47809	0.52666	0.07119	0.16098	0.07899	0.05899	0.43441
0.76634	1.04323	1.39021	1.24888	0.05052	0.20689	0.45441	0.42254	0.88109
1.17083	1.10245	1.22926	1.24267	-0.12218	-0.03697	-0.10383	-0.02323	0.83822
0.70654	0.67086	0.85052	0.74154	-0.31877	-0.21558	-0.71283	-0.67334	0.46115
0.85427	0.61843	0.75511	0.89937	-0.07791	-0.14395	-0.23516	-0.1507	0.5736
0.52066	0.47953	0.66913	0.79936	0.23275	0.13863	-0.13499	-0.09819	0.49617
0.54067	0.71111	0.30648	0.57168	0.20971	-0.12057	-0.01934	-0.25183	0.59334
0.56454	0.75333	0.80021	0.8862	0.60077	0.6848	0.49722	0.55481	0.92114

m_liver_hiç	m_liver_hiç	m_liver_hiç	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
0.41124	0.74768	0.62546	0.71389	0.44605	0.62325	0.62314	-0.16561	-0.14747
0.62044	1.10803	0.95056	0.99319	1.08852	0.92758	0.94901	-0.28459	-0.24197
0.41865	1.03259	0.84773	0.50163	0.68725	0.57808	0.5704	-0.35014	-0.19787
-0.16722	0.54877	0.44396	0.394	0.34379	0.35634	0.36325	-0.20439	-0.20709
-0.22592	0.29033	0.16557	1.19467	0.98647	1.20448	1.1994	-0.66522	-0.60694
0.61101	1.12536	0.84351	0.78612	0.40384	0.65148	0.75593	-0.3123	-0.34887
0.0483	0.38701	0.34503	0.36565	0.19458	0.17908	0.20257	-0.11181	-0.0313
-0.02034	0.62386	0.56159	0.22072	0.30907	0.18948	0.2126	-0.026	-0.1205
-0.1625	0.45304	0.19739	0.45333	0.46669	0.39602	0.34739	-0.12407	-0.17198
0.09573	0.10916	0.09838	0.00184	0.04165	0.04531	0.07047	0.03919	-0.0554
0.6621	0.63867	0.49182	0.35071	0.35471	0.3438	0.25979	-0.09708	-0.00769
0.14213	0.82559	0.72697	0.20638	0.11191	0.1634	0.19676	-0.41176	-0.28288
1.66029	2.10123	2.27408	0.9681	0.77761	0.90288	0.9899	-0.52437	-0.69022
-0.34142	0.42993	0.36458	0.18322	-0.2197	0.02256	0.14797	-0.0113	-0.18245
0.71532	0.55023	0.34707	0.29735	0.36875	0.34568	0.33614	-0.25281	-0.06928
-0.11591	0.46836	0.68367	0.30476	0.2174	0.17422	0.29068	-0.19065	-0.16577
0.24515	0.29184	0.15642	0.02308	0.07049	0.12135	0.12069	0.04481	-0.03214
0.65646	0.72073	0.4286	0.41177	0.20829	0.44282	0.36039	-0.16339	-0.26503
-0.24602	0.32554	0.3562	0.35909	0.33022	0.2828	0.283	-0.18831	-0.00526
-0.05791	0.0678	0.08323	0.36555	0.34016	0.37555	0.28077	-0.14301	-0.22675
-0.20217	0.4537	0.62412	0.29892	0.32877	0.22988	0.30114	-0.47623	-0.42816
0.35684	0.79216	0.59158	0.1766	0.28827	0.17627	0.10344	0.02714	-0.05361
0.11934	0.35582	0.26341	0.08863	-0.10525	0.12682	0.1307	-0.07435	-0.21114
1.01411	0.96215	0.84103	0.28772	0.20766	0.32661	0.27714	-0.33793	-0.25342
0.45127	0.62718	0.66681	1.29537	1.27087	1.31598	1.16198	-0.73802	-0.58663
0.0705	0.25384	0.1326	0.05476	-0.19584	0.04968	0.14998	0.04943	-0.07149
-0.15399	0.07037	0.07446	0.22899	0.27572	0.17635	0.19499	-0.24124	-0.27344
0.1383	0.32006	0.20661	0.05049	0.06635	0.06751	0.0489	-0.11208	-0.20463
-0.04989	0.33915	-0.09266	0.16251	0.28161	0.09069	0.16093	-0.22894	-0.11183
-0.05249	0.68172	0.69006	0.34817	0.4049	0.33669	0.31608	0.01993	0.01527

m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
-0.13956	-0.07112	-0.2121	-0.12511	-0.13028	-0.14687	0.63744	0.64919	0.7082
-0.30811	-0.32125	-0.22643	-0.27226	-0.25031	-0.25293	0.94686	0.88083	0.86541
-0.2927	-0.33022	-0.11977	-0.15716	-0.19101	-0.26439	0.88965	0.94854	0.79164
-0.07398	-0.17761	-0.3493	-0.16574	-0.20238	-0.12665	0.64919	0.56085	0.62541
-0.6905	-0.69983	-0.09191	-0.0896	-0.04402	-0.09224	1.46556	1.63292	1.57955
-0.33225	-0.40733	-0.31644	-0.22098	-0.23652	-0.27866	1.04438	0.95944	0.92643
-0.04087	-0.14524	-0.1739	-0.07155	-0.13375	-0.09545	0.26024	0.21692	0.19331
-0.02813	-0.07281	-0.09641	-0.09452	-0.047	-0.08453	0.23871	0.32632	0.2644
-0.16349	-0.16738	0.0785	0.1908	0.07019	0.18221	0.46383	0.49371	0.48347
0.00671	-0.07128	-0.18903	-0.16692	-0.11173	-0.11624	0.06239	0.12447	0.092
-0.05552	-0.03198	-0.04273	-0.0901	-0.10587	-0.0361	0.0937	0.16188	0.12349
-0.28296	-0.33158	-0.19603	-0.17969	-0.16075	-0.21671	0.31448	0.40109	0.3742
-0.525	-0.65807	-0.33464	-0.28523	-0.31821	-0.17797	1.29292	1.35027	1.28898
0.04727	-0.09512	-0.09454	0.09946	-0.0738	0.14283	0.28532	0.33722	0.22114
-0.27392	-0.17	-0.03595	-0.06954	-0.19778	-0.1201	0.61824	0.41857	0.44942
0.04625	-0.10071	-0.17426	-0.01845	-0.0183	0.0793	0.27238	0.24875	0.28765
0.09755	0.00902	0.09846	-0.07889	0.01404	-0.09252	0.15598	0.11502	0.08629
-0.19282	-0.22006	-0.16664	-0.17961	-0.14398	-0.15722	0.65398	0.70949	0.68466
-0.10625	-0.19906	-0.30688	-0.02671	-0.23222	-0.05611	0.34069	0.24637	0.36551
-0.10069	-0.19175	-0.10297	0.08279	0.01256	0.05922	0.31306	0.40636	0.45591
-0.41617	-0.35687	-0.34852	-0.35033	-0.40218	-0.28905	0.15003	0.31775	0.31899
-0.03448	-0.07002	-0.03481	-0.09125	-0.0096	-0.00913	0.23366	0.20381	0.23295
-0.06864	-8.10E-04	-0.04187	0.01505	0.03779	0.02797	0.12076	0.01412	0.10113
-0.32715	-0.30228	0.16189	0.06195	0.22823	0.0798	-0.08141	0.06149	0.00201
-0.6395	-0.54249	0.08138	0.20207	0.14647	0.20974	1.21932	1.44605	1.41329
-0.01879	-0.03888	-0.07591	-0.00848	-0.04875	-0.00431	0.18843	0.23073	0.19423
-0.20983	-0.189	0.04416	0.18375	0.08616	0.19404	0.2227	0.29932	0.33515
-0.07261	-0.11796	0.09151	0.03353	0.03494	0.03577	0.07731	0.14334	0.12721
-0.17077	-0.26265	0.01259	0.05144	0.01859	-0.00969	0.27324	0.21565	0.28484
0.09967	0.00542	-0.08693	-0.00439	-0.0293	-0.01321	0.23615	0.22196	0.21955

m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
0.62933	-0.11845	-0.02818	-0.01039	-0.02794	0.24849	0.31897	0.24777	0.28269
0.84422	-0.41092	-0.32205	-0.35679	-0.27104	0.40009	0.25728	0.39291	0.35057
0.90923	-0.14807	-0.14491	-0.19139	-0.15707	0.46907	0.3369	0.59521	0.33153
0.54983	-0.16776	-0.15133	-0.09936	-0.14007	0.20106	0.17493	0.0227	0.12727
1.55876	-0.49918	-0.39246	-0.48165	-0.44539	0.72257	0.6137	0.60668	0.63623
0.98543	-0.22543	-0.15414	-0.25442	-0.21939	0.52134	0.60872	0.42471	0.59302
0.22531	-0.10567	-0.03618	-0.05836	-0.10532	-0.03034	-0.05406	0.05061	0.09397
0.24663	-0.08816	-0.06056	-0.02853	-0.11552	0.14173	0.13816	0.09553	0.15195
0.4719	0.07731	-0.06399	-0.05765	-0.10349	0.06443	0.10428	0.11227	0.1039
0.1362	-0.23735	-0.20723	-0.19533	-0.20723	-0.01504	-0.07604	-0.06338	-0.0369
0.14151	-0.07422	-0.0777	-0.11706	-0.09693	0.04548	-0.06502	0.00342	-0.04427
0.36834	-0.10044	-0.10657	-0.17041	-0.11229	0.3903	0.27854	0.35517	0.35474
1.42864	-0.24741	-0.36326	-0.23765	-0.29146	0.55758	0.58056	0.50391	0.66634
0.36212	-3.00E-04	-0.07963	0.08886	-0.00797	0.21112	0.19244	0.06469	0.24711
0.32664	-0.14957	-0.11079	-0.22746	-0.11155	0.19272	0.16274	0.47235	0.27669
0.22442	-0.01138	-0.12895	0.08125	0.02386	0.23676	0.36184	0.30187	0.27808
0.13598	-8.60E-04	-0.01035	-0.09457	-0.02433	0.07025	0.19305	-0.08713	0.12313
0.76894	-0.20182	-0.11781	-0.20479	-0.10149	0.22303	0.23024	0.25636	0.36305
0.09015	0.06396	-0.10324	-0.12847	-0.08162	0.13643	-0.0627	-0.1792	-0.00781
0.36315	-0.1133	-0.15432	-0.09216	-0.18798	0.23676	0.38046	0.2412	0.29629
0.23469	-0.0804	-0.25544	-0.17794	-0.19807	-0.17404	-0.18661	0.07087	-0.12458
0.17851	-0.03316	0.08702	0.07652	-0.03047	0.19405	0.26026	0.1538	0.29205
0.08873	-0.21587	-0.19976	-0.13311	-0.09488	0.03594	0.11919	-0.03809	0.15525
0.12339	-0.37409	-0.25918	-0.44294	-0.23521	0.2663	0.09166	0.18635	0.04262
1.22369	-0.38703	-0.42317	-0.37289	-0.3046	0.77521	0.78554	1.07958	0.74616
0.27945	0.00643	-0.07213	-0.05849	-0.01581	0.1333	0.12177	0.10606	0.20535
0.31128	-0.03915	-0.17665	-0.02595	-0.099	0.14713	0.1886	0.43142	0.24638
0.18529	-0.03332	-0.06417	0.0201	0.00685	0.0365	0.04083	-0.01551	0.09786
0.14072	-0.12336	-0.11602	-0.09969	-0.16691	0.13363	0.2022	0.25654	0.22433
0.21101	0.00818	-0.07648	0.05646	0.02772	0.12581	0.12853	0.05668	0.15416

high_7d_plus_B_nmg.txt

Probe ID	GenBank / Sequence	Correlation	Magnitude	SNR	m_liver_lov	m_liver_lov	m_liver_lov
A_43_P14	AA875256 Transcriber	0.98921	1.92903	18.2478	-0.48524	-0.20383	0.09494
A_43_P13	(NM_05396 Metallothio	0.98663	1.70476	17.09435	-0.60183	-0.24806	0.0712
A_43_P13	NM_13882 Metallothio	0.97727	1.87288	17.30954	-0.4979	-0.07742	0.06946
A_42_P83	CB579706 Similar to p	0.97502	0.98811	12.20772	-0.07901	-0.10265	0.02068
A_43_P20	CB545761 Small optic	0.94838	0.93814	13.4626	-0.29796	-0.19111	-0.29046
A_43_P22	CB547525 Phosphata	0.92633	0.7208	8.50932	-0.05882	-0.07082	-0.00538
A_43_P15	NM_08058 ATP-bindin	0.91098	0.48597	7.70587	-0.08309	0.01102	-0.04431
A_43_P10	CB605747 LOC36284	0.89493	0.61224	6.80276	-0.43216	-0.00717	0.08016
A_42_P56	BF556648 Transcriber	0.87911	2.2386	15.04755	-0.3192	-0.50083	-0.31927

m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov
-0.17255	-0.51907	-0.48138	-0.62702	-0.50903	-0.32982	-0.13955	-0.35575	-0.50741
-0.11474	-0.55957	-0.48529	-0.47384	-0.33734	-0.37766	-0.1848	-0.39383	-0.59431
-0.18191	-0.40299	-0.62902	-0.53752	-0.37494	-0.59887	-0.21723	-0.25721	-0.52863
0.01351	-0.22815	-0.26628	-0.27763	-0.13761	-0.26563	-0.06046	-0.17916	-0.36432
-0.27083	-0.43128	-0.35719	-0.31629	-0.23829	-0.22742	-0.20912	-0.2001	-0.32146
-0.13094	-0.10791	-0.11213	-0.22883	-0.14404	-0.21684	-0.08219	-0.44875	-0.37358
-0.12598	-0.08623	-0.12599	-0.09523	0.10113	-0.09378	0.02102	-0.00467	-0.0265
-0.18162	-0.26057	-0.02258	-0.1199	-0.15815	-0.31162	-0.20537	-0.08843	-0.37042
-0.53618	-0.55914	-0.77384	-0.76325	-0.67875	-0.8037	-0.30736	-0.51673	-0.57474

m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç
-0.37551	-0.42648	-0.33374	-0.48287	-1.40951	-1.07477	-1.49224	-1.67563	-0.30532
-0.12474	-0.31302	-0.37983	-0.48536	-1.19201	-1.18164	-1.17318	-1.24938	-0.05445
-0.34139	-0.46175	-0.13096	-0.29084	-1.45515	-1.42117	-1.2609	-1.33661	-0.14903
0.01476	-0.16495	-0.24667	-0.39669	-0.65542	-0.52698	-0.83367	-0.87657	-0.20619
-0.26597	-0.24482	-0.28633	-0.48043	-0.58303	-0.34743	-0.62861	-0.82186	-0.10584
0.03338	-0.14331	-0.2348	-0.25649	-0.29192	-0.36339	-0.74973	-0.76634	-0.18755
-0.10703	-0.05529	0.02028	-0.19041	-0.25701	-0.15997	-0.31974	-0.4264	0.01869
-0.06132	0.04001	-0.02366	-0.14309	-0.48386	-0.28963	-0.36823	-0.55994	-0.03934
-0.5013	-0.56856	-0.46476	-0.41938	-1.50904	-1.60768	-1.68103	-1.63384	-0.18409

m_liver_hiç	m_liver_hiç	m_liver_hiç	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
-0.22134	-0.26914	-0.51262	0.1729	0.30844	0.23864	0.22517	-0.22867	-0.34885
0.07749	-0.09214	-0.2355	0.12713	0.36609	0.19054	0.20941	-0.21508	-0.15726
0.11968	-0.14476	-0.30728	0.13167	0.07221	0.17744	0.18232	-0.15269	-0.34681
0.05455	-0.19123	-0.29883	0.07591	0.1502	0.10888	0.04348	-0.18886	-0.13101
-0.01049	-0.02815	-0.16836	0.1665	0.22481	0.18052	0.14761	-0.21758	-0.21471
0.16288	-0.0541	-0.27095	0.04024	0.06412	0.07253	0.07881	0.00343	-0.06229
0.05829	0.07946	-0.0536	0.0428	0.1354	0.14572	0.02933	-0.14651	-0.10443
0.07588	0.12353	-0.16332	-0.01658	0.11718	-0.09174	0.04439	-0.06956	0.00799
0.0146	-0.36592	-0.40094	0.01778	0	0.19179	0	-0.44484	-0.167

m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
-0.21148	-0.34554	0.05898	0.17102	0.11584	0.1253	0.48498	0.51017	0.59059
-0.22593	-0.23747	0.19672	0.10629	0.11603	0.13902	0.49683	0.52942	0.51206
-0.19071	-0.36122	0.0693	0.10552	0.16165	0.08631	0.39139	0.54022	0.48727
-0.13684	-0.11788	0.03079	0.09545	0.15432	0.06113	0.2031	0.20702	0.28608
-0.20898	-0.18238	0.04208	0.06645	0.11074	0.04118	0.23493	0.29401	0.37454
-0.1324	-0.07701	0.03049	0.02931	0.0474	0.04039	0.16785	0.20826	0.19704
-0.06768	-0.14476	0.01824	0.07179	0.13477	0.04221	0.16472	0.18552	0.25263
-0.08745	-0.03512	0.07745	-0.0474	0.00753	-0.03568	0.16562	0.18481	0.23751
-0.278713	-0.2243	-0.0455	0.22764	0.09619	0.22981	0.48096	0	0.57108

m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
0.47821	-0.03652	-0.14766	-0.02367	-0.0725	0.45475	0.57454	0.36086	0.49893
0.48452	-0.04439	-0.00389	-0.0419	-0.01541	0.47896	0.37189	0.65917	0.45753
0.59882	-0.03274	0.03269	-0.05359	0.02853	0.46714	0.48876	0.47795	0.50677
0.17599	-0.01551	-0.06383	-0.02133	-0.01305	0.24	0.30578	0.24542	0.26862
0.26028	0.0243	-0.07519	-0.00224	-0.05166	0.32872	0.46456	0.25995	0.31841
0.13867	0.06381	0.01705	-0.01724	1.40E-04	0.13976	0.18893	0.14328	0.12974
0.17789	-0.03091	0.01429	0.03432	-0.04672	0.16347	0.24687	0.10393	0.20804
0.15938	0.02565	0.01725	0.04775	0.02978	0.14002	0.13629	0.28009	0.13731
0	-0.30503	0.16801	0.02211	0.20335	0.45165	0.96643	0.47403	0.630703

high_7d_plus_B_nmg.txt

Probe ID	GenBank #	Sequence	Correlation	Magnitude	SNR	m_liver_lov	m_liver_lov	m_liver_lov
A_43_P14	NM_01248	Alpha-2-ma	0.96657	3.07309	22.39578	-2.23776	-2.32501	-2.4674
A_42_P80	BG377188	LOC36302	0.9531	0.82803	12.42501	-0.63019	-0.57025	-0.64285
A_42_P61	CB718858	Transcriber	0.95073	0.80032	8.53831	-0.68215	-0.44508	-0.59176
A_42_P64	AA893082	V-maf mus	0.94259	0.97809	11.66313	-0.44411	-0.57983	-0.502
A_42_P61	BE107055	Transcriber	0.92555	0.88821	9.48491	-0.5356	-0.39285	-0.80361
A_42_P47	AI144967	Thioredoxin	0.90918	0.7762	8.55822	-0.47539	-0.42665	-0.75523
A_42_P54	AI007934	Transcriber	0.90755	0.93611	11.21723	-0.39382	-0.49652	-0.69074
A_43_P17	CB547978	CTD (carboxy	0.90069	1.26258	11.10548	-0.91467	-1.03839	-1.27231
A_42_P57	BE105479	Transcriber	0.89738	0.84662	9.10718	-0.48269	-0.30185	-0.53451
A_43_P10	AA926239	Transcriber	0.89234	0.75018	7.86723	-0.39245	-0.35402	-0.71693
A_42_P71	AA964289	Similar to F	0.88458	0.83986	6.91626	-0.66658	-0.00385	-0.46053
A_42_P77	BF396511	Transcriber	0.87477	0.58802	7.34864	-0.36862	-0.20893	-0.44405
A_42_P65	BQ201671	OTU doma	0.87039	0.83274	9.01748	-0.29808	-0.40586	-0.51153
A_42_P50	BQ194398	Transcriber	0.8655	1.43905	14.17484	-0.60645	-0.72806	-0.60138
A_43_P12	(NM_01933	Regulator c	0.8579	0.57253	6.20852	-0.52702	-0.20332	-0.5579
A_42_P49	AI009713	Transcriber	0.85778	0.73121	8.33324	-0.45035	-0.58032	-0.47636
A_43_P16	M63991	Serine (or c	0.85574	1.55007	10.15522	-0.87227	-0.17228	-0.56771
A_42_P65	AI013657	Similar to F	0.85302	0.68595	8.09668	-0.44989	-0.41229	-0.48381
A_43_P12	NM_02225	Solute carr	0.85188	0.6287	8.39407	-0.41708	-0.40223	-0.48394
A_42_P72	AA891693	Similar to F	0.85089	1.44226	13.7357	-0.68189	-0.37333	-0.52281

m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov
-2.47109	-0.6555	-0.42924	-0.63251	-0.76811	0.0467	-0.02824	0.10456	0.12561
-0.50313	0.00612	0.0113	0.04687	0.17027	0.18532	0.31406	0.07385	0.16456
-0.84625	-0.01938	0.12749	0.01845	0.00353	0.21103	0.26303	-0.00206	0.16404
-0.52813	-0.05622	0.21499	0.25274	0.2075	0.19737	0.33614	0.06381	0.02588
-0.79813	0.11185	0.27146	0.08489	-0.01954	0.11517	-0.02303	0.03594	-0.09792
-0.65253	0.41949	0.07466	0.21816	0.08268	0.1651	0.2053	0.12802	0.06845
-0.63145	-0.08739	-0.0194	-0.18021	-0.13241	0.12376	0.15777	0.38421	0.20653
-1.04188	0.02203	-0.07801	-0.11601	0.01742	-0.11123	-0.42458	-0.20024	-0.16155
-0.35868	-0.03344	0.09823	0.15746	0.12363	0.21041	0.06372	0.14881	0.07015
-0.57102	-0.19423	0.10048	0.26026	0.05741	0.25193	0.03516	0.09995	0.14013
-0.57066	0.00759	0.06962	0.20688	-0.01541	0.16003	0.09608	0.44141	0.08989
-0.47242	-0.04254	-0.10934	-0.13352	-0.10792	0.0814	0.02297	-0.03913	0.06418
-0.50819	0.04703	0.05266	0.3363	0.21191	0.06674	0.30332	0.3797	0.26492
-0.54579	0.0653	0.13163	0.51254	0.56372	0.16014	0.00337	-0.04888	0.1456
-0.58356	-0.02294	-0.075	0.14884	-0.01786	-0.09886	-0.1257	-0.11227	-0.21351
-0.47075	-0.12952	0.13828	0.14661	0.17007	0.25882	0.32759	0.13002	0.13408
-0.68914	-0.05691	0.25632	0.14573	0.05287	0.15108	0.23951	0.5725	0.30736
-0.41683	0.04965	0.16864	-0.10435	-0.05149	0.2763	0.29623	0.0607	0.19045
-0.45562	0.04194	0.02455	0.10981	0.19778	-0.00745	-0.02203	-0.06073	-0.07481
-0.49453	-0.08218	0.34177	0.35213	0.08896	0.72811	0.93566	0.80187	0.79411

m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç
-2.49305	-2.94387	-3.29714	-3.30965	-0.45911	-0.37915	-0.71617	-0.83817	-0.43867
-0.45498	-0.6518	-0.69494	-0.77263	-0.18517	-0.21429	-0.23909	-0.11696	0.10631
-0.5359	-0.43605	-0.72146	-0.78146	-0.02938	0.10016	-0.00195	0.03741	0.1877
-0.67904	-0.59241	-1.04974	-0.96306	0.11018	0.21509	0.01225	0.11139	0.07459
-0.71456	-0.49114	-1.04276	-0.85572	0.14084	0.15793	0.02554	-0.06825	-0.25906
-0.5545	-0.41628	-0.74379	-0.48756	-0.17351	-0.12342	-0.0297	-0.17552	-0.0827
-0.56173	-0.59321	-0.96681	-0.75042	-0.07973	-0.01351	-0.17204	-0.15098	-0.39959
-1.05948	-1.09708	-1.56107	-1.23058	0.09053	0.01084	-0.28393	-0.15174	-0.80747
-0.5948	-0.42817	-0.75536	-0.68345	-0.26758	0.01194	-0.06729	-0.25723	0.01712
-0.52767	-0.39679	-0.81031	-0.65627	-0.05719	0.02919	-0.04547	-0.04917	0.0167
-0.51734	-0.35622	-0.98433	-0.71412	-0.01708	0.03998	0.01701	-0.02123	0.11202
-0.26476	-0.24863	-0.82529	-0.57249	-0.09535	-0.06666	-0.36796	-0.36438	0.22651
-0.38031	-0.35702	-0.85743	-0.72152	0.06424	0.02892	0.3512	0.10783	0.01054
-1.11731	-1.02449	-1.2311	-1.11012	-0.04443	0.03037	0.20928	0.18986	-0.34215
-0.26288	-0.32931	-0.95648	-0.58515	-0.15838	-0.12997	-0.13924	-0.08716	-0.25614
-0.29824	-0.21196	-0.50981	-0.55774	0.01528	0.0968	-0.03944	0.09076	0.29065
-0.74098	-0.50896	-1.53867	-1.15509	-0.18255	-0.18019	0.02738	-0.20688	0.7164
-0.3509	-0.39297	-0.59129	-0.58497	-0.02823	-0.10875	-0.467	-0.38367	-0.12942
-0.34369	-0.28463	-0.72441	-0.4728	0.12715	0.07054	0.17557	0.16555	0.0506
-0.5303	-0.57536	-0.64625	-0.75739	-0.05311	-0.36808	-0.09289	-0.132877	0.38372

m_liver_hiç	m_liver_hiç	m_liver_hiç	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
0.18612	-0.41802	-0.48334	0.00144	-0.3562	-0.04149	-0.14822	-0.15734	-0.0667
-0.2248	-0.17319	-0.20833	-0.03385	0.09596	-0.00997	-0.05073	0.11975	0.1329
-0.22198	-0.0036	-0.13526	-0.05277	-0.15907	-0.11985	-0.03796	0.17867	0.05605
-0.31236	-0.11295	-0.2683	0.0346	0.10972	0.04426	0.05346	0.17747	0.09616
-0.27537	-0.30376	-0.55245	-0.08228	-0.13945	-0.08919	-0.04517	-0.0291	0.03108
-0.16708	-0.15724	-0.02335	-0.03402	-0.29243	-0.05403	-0.12743	0.10378	0.07103
-0.41844	-0.36581	-0.54778	-0.05096	-0.29483	-0.05245	-0.04482	0.08585	0.05734
-0.86377	-1.10318	-1.25766	-0.27075	-0.27627	-0.24909	-0.12566	-0.22647	-0.07422
-0.44963	0.18588	0.09526	-0.21473	-0.0239	-0.13593	-0.21238	0.25795	0.22942
-0.23842	-0.07555	-0.28772	-0.21717	-0.38882	-0.20269	-0.23053	0.10137	0.11212
-0.13503	0.14645	-0.03342	0.10625	-0.07899	-0.00936	-0.05494	0.07415	0.11864
-0.07319	0.10075	-0.03582	-0.01265	-0.02647	0.00273	-0.01341	0.00702	-0.06543
0.32727	0.13269	0.03676	-0.09039	-0.03536	-0.05325	-0.109	0.0489	0.074
-0.67509	-0.39965	-0.42499	-0.05996	-0.26146	-0.07233	-0.03206	-0.12473	-0.10211
-0.34285	-0.04991	-0.2999	0.03394	-0.04366	-0.07299	-0.08387	0.1467	0.03189
-0.20989	-0.06363	-0.05285	-0.19151	-0.15451	-0.24068	-0.19937	-0.06869	-0.00351
-0.00577	0.91482	0.63115	0.08343	0.13347	-0.02837	0.00866	0.0228	0.06621
-0.49269	-0.42346	-0.45334	0.07973	0.00158	0.09586	0.09581	0.14333	0.06883
-0.28806	-0.16869	-0.15913	-0.0191	-0.12241	0.0193	-0.02936	-0.05935	-0.07658
-0.29146	-0.33497	0.11399	0.22271	0.05827	0.2068	0.30267	0.14124	0.09308

m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
-0.08725	-0.0336	-0.12646	-0.05241	-0.07353	-0.07944	-0.14853	-0.07028	-0.13728
0.07186	0.08006	-0.08513	-0.05034	-0.01834	-0.05189	-0.15462	-0.14449	-0.10971
0.25545	0.13771	-0.10599	0.08795	-0.06807	0.03944	-0.04513	-0.112	-0.20919
0.18131	0.10962	-0.16917	-0.13301	-0.06883	-0.09229	-0.11846	-0.0697	-0.08558
0.04709	0.05671	0.01345	0.07616	-0.01065	0.06768	0.00641	-0.11155	-0.03033
0.18622	0.05889	0.03038	0.03976	0.10988	0.13588	-0.08325	-0.18548	-0.14379
-2.80E-04	0.0648	-0.0499	-0.08039	-0.07616	-0.15761	-0.13097	-0.08511	-0.14462
-0.10261	-0.01986	0.00717	-0.07952	0.10973	-0.09507	-0.23298	-0.24498	-0.22313
0.29758	0.13973	-0.10394	-0.0362	-0.00857	-0.10851	-0.08183	-0.10725	-0.07212
0.16941	0.22678	-0.19398	-0.08172	-0.09727	-0.06443	-0.37161	-0.39526	-0.4117
0.04492	-0.03217	-0.39956	-0.1207	0.0258	-0.09935	-0.04095	-0.16643	-0.08393
0.03194	-0.04602	0.115698	0.08906	0.06071	0.04121	-0.00671	-0.03865	-0.00583
0.09693	0.11212	0.03964	0.02307	0.11702	0.01365	-0.20896	-0.1305	-0.14088
-0.06152	-0.10669	-0.09374	0.0149	-0.03633	-0.0407	-0.09872	-0.24103	-0.03278
0.03142	-0.05372	-0.00887	0.00771	-0.0412	-0.05891	-0.03064	-0.02412	-0.05489
-0.01223	0.05463	0.23044	0.26246	0.21778	0.23638	-0.22636	-0.18193	-0.11982
0.02993	0.0618	0.04001	0.01332	0.07074	-0.01751	0.04632	0.03774	0.07638
0.05643	0.10675	-0.06144	-0.00677	-0.08103	0.06588	0.04418	0.02472	0.06274
-0.04644	0.04138	-0.0387	0.1085	0.07205	0.0389	-0.00989	-0.00494	-0.00552
0.14217	0.1489	-0.1058	-0.1188	-0.13075	-0.09588	0.04125	0.1038	-6.00E-05

m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
-0.09593	-0.07217	-0.05723	-0.04489	0.06876	-0.00607	-0.09498	-0.15136	-0.05864
-0.09855	0.05311	0.03303	0.05195	-0.00944	0.03321	-0.03692	-0.05005	-0.03149
-0.11203	0.07976	0.01995	0.13977	0.11237	-0.06891	-0.00743	0.00174	-0.0395
-0.0699	0.13401	0.16882	0.18647	0.13881	-0.01436	-0.04207	-0.03241	-2.80E-04
-0.04183	0.03384	-0.01213	0.07316	0.03701	0.12545	0.09469	0.05232	0.09697
-0.10356	-0.1	-0.06541	-0.05962	-0.01448	-0.09198	0.07019	-0.17994	0.09674
-0.05525	0.08195	0.08772	0.00974	0.10776	-0.16368	-0.08226	-0.04006	-0.04886
-0.17269	-0.02705	0.00125	0.04812	0.07978	0.05413	-0.09317	-0.07468	-0.08731
-0.02465	-0.03333	0.0116	-0.00513	-0.04672	-0.04228	-0.00259	-0.05239	-0.01322
-0.35382	0.0161	-0.04448	0.1052	0.05108	-0.08877	-0.07891	-0.18356	-0.12675
-0.10683	-0.02489	0.00377	0.00619	0.01179	-0.03007	0.02701	-0.11213	0.05452
0.01591	-0.07838	-0.07461	-0.04956	-0.04703	0.11389	0.15062	0.04922	0.1272
-0.12859	0.0211	-0.01193	0.06398	0.04292	-0.10629	-0.09055	-0.09428	-0.0663
-0.13333	-0.06402	-0.12776	-0.09163	-0.01199	-0.3729	-0.09571	-0.27107	-0.24181
-0.01309	-0.06904	0.04697	0.04191	-0.01906	-0.05013	0.02311	-0.13632	-0.0234
-0.14956	0.08641	0.0511	0.1267	0.08007	0.00314	0.0527	0.29499	0.05175
-0.01647	0.04241	0.02654	-0.02066	0.01426	-0.09783	-0.0193	0.04473	0.00109
-0.00361	0.07279	0.06813	0.13752	0.09134	-0.08147	-0.08564	-0.03745	0.0041
0.0886	0.05429	-0.01294	-0.02451	0.04477	0.09358	0.17933	0.31798	0.09839
0.11984	0.16506	0.14324	0.17866	0.192	0.23875	0.15861	0.20373	0.19793

high_7d_plus_B_nmg.txt

Probe ID	GenBank / Sequence	Correlation	Magnitude	SNR	m_liver_lov	m_liver_lov	m_liver_lov
A_43_P14	BQ204885 Transcribed	0.95676	0.8423	7.59386	-0.2282	0.07304	0.05438
A_42_P51	BE099478 Transcribed	0.93404	0.91156	7.76887	-0.25114	0.10082	0.18749
A_43_P15	NM_01923 Serum/gluc	0.93206	2.00942	14.56486	0.26944	0.01062	-0.205
A_42_P67	BQ211765 RAS, dexam	0.916	1.36363	10.53657	0.18449	0.19041	0.25324
A_43_P13	AF036548 Response	0.88191	1.16527	10.7142	-0.44391	0.00246	0.32445
A_42_P64	BF282811 Transcribed	0.87204	1.49538	26.38626	0.3619	0.368	0.41968
A_42_P83	BF396317 Transcribed	0.85577	1.30968	7.80868	-0.75871	-0.16712	-0.05853

m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov
-0.04468	-0.3582	0.11679	-0.18986	-0.19309	0.23005	0.00341	-0.0305	0.00289
0.00566	-0.56661	0.09562	-0.0775	-0.14682	0.0633	0.06846	-0.11456	0.03572
0.18354	-0.17644	-0.68229	-0.94539	-0.44093	0.76304	0.7003	0.52915	0.78047
0.34462	-0.17078	-0.17674	-0.63835	-0.42332	0.18318	0.21118	0.10065	0.1108
-0.28848	-0.11161	-0.04288	0.07343	-0.0572	-0.24835	-0.23314	-0.21588	-0.12179
0.48048	-0.16393	-0.09957	-0.06598	-0.0586	0.21242	0.0921	0.1529	0.08465
-0.1893	-0.75377	0.14365	-0.41249	-0.41549	0.36968	0.34875	0.31815	0.37566

m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç
-0.19899	0.17671	0.08887	-0.08419	-0.2467	0.03617	-0.03094	-0.36981	0.162
-0.05239	0.13325	0.00799	-0.1608	-0.29745	-0.10173	-0.02462	-0.09485	0.41091
0.16423	-0.08811	-0.29637	0.15784	-0.22022	-0.65822	-0.77798	-0.43899	-0.0084
-0.09875	-0.09122	-0.40049	-0.04755	-0.28151	-0.46251	-0.84746	-0.74525	0.05779
-0.11371	0.01088	-0.06293	-0.17155	-0.26057	0.00262	0.06285	-0.08522	-0.42421
0.11885	0.32621	0.13078	0.19063	-0.49023	-0.40581	-0.37076	-0.38356	-0.45791
0.06976	0.05177	0.13059	-0.14519	-0.60609	-0.14814	-0.28963	-0.73062	0.60016

m_liver_hiç	m_liver_hiç	m_liver_hiç	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
-0.38493	0.06645	-0.014	0.64365	0.57651	0.69002	0.60472	-0.06549	-0.15624
-0.33137	0.21662	-0.1019	0.68242	0.71483	0.66344	0.61339	-0.04089	-0.11792
-0.43346	-0.13224	-0.12702	1.41181	1.44399	1.51631	1.42052	-0.14704	-0.23339
-0.57394	-0.32011	-0.31453	0.82972	0.80896	0.78673	0.69238	-0.53907	-0.33505
0.11205	0.08593	-0.46229	0.64378	0.84732	0.8357	0.75562	-0.0293	-0.16202
-0.76621	-0.57595	-0.55648	0.86326	0.76552	0.91076	0.80063	-0.08991	-0.03519
-0.50868	0.18533	0.17906	0.6139	0.65076	0.5573	0.63344	-0.0688	-0.07256

m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
-0.04197	-0.11015	-0.26005	-0.18221	-0.25617	-0.15587	0.5831	0.60011	0.55446
-0.07768	-0.13125	-0.26654	-0.19166	-0.30738	-0.20657	0.5351	0.61985	0.57825
-0.16094	-0.19226	-0.45898	-0.28503	-0.32203	-0.28236	1.34688	1.4272	1.50225
-0.4718	-0.50375	-0.50504	-0.45361	-0.4962	-0.54175	0.98724	0.75672	0.62615
-0.08438	-0.2085	-0.2855	-0.22978	-0.25793	-0.28666	0.84878	0.902	0.93721
-0.0805	-0.04534	0.08931	0.13292	0.15306	0.09045	0.84531	0.95	0.89736
0.04183	0.01398	-0.0264	0.11918	-0.03422	0.05512	0.78077	0.8886	0.91509

m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
0.63335	-0.01301	-0.06545	0.01487	-0.03887	0.19336	0.24718	0.1066	0.19629
0.59395	0.041	-0.08379	-0.01615	-0.09842	0.15308	0.14841	0.15696	0.24073
1.47187	-0.24233	-0.38928	-0.2619	-0.32859	0.81643	0.83067	0.74089	0.8581
0.73072	-0.59384	-0.43625	-0.559	-0.56604	0.0099	0.03046	0.24882	0.14074
0.91322	-0.1421	-0.135	-0.17081	-0.18506	0.24912	0.3415	0.30603	0.29788
0.93229	0.06245	0.03725	0.09301	0.09062	0.2894	0.25993	0.18485	0.2392
0.8798	-0.03502	-0.23194	-0.17059	-0.21128	-0.02067	0.07983	0.27738	0.02572

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Probe ID	GenBank #	Sequence	Correlation	Magnitude	SNR	m_liver_lov	m_liver_lov	m_liver_lov
A_42_P46	AI009871	Transcriber	0.95914	0.83894	10.70114	-0.2741	-0.20134	-0.37638
A_43_P11	BQ780215	Data not fo	0.94821	1.67661	19.49353	-0.27275	-0.47087	-0.49344
A_43_P11	NM_01709	Potassium	0.94013	1.32007	9.24481	-0.62784	-0.60066	-0.41755
A_42_P51	BF284521	Prickle-like	0.93567	1.33193	13.27116	-0.20007	-0.16542	-0.04662
A_43_P17	BI275276	Similar to F	0.91909	1.52824	18.19343	-0.46485	-0.44999	-0.3705
A_42_P46	AI170406	Data not fo	0.91589	1.34198	10.62802	-0.5431	-0.05235	-0.00704
A_42_P80	AW252658	Similar to F	0.91391	1.66613	14.02443	-0.92655	-0.44478	-0.29307
A_42_P65	NM_13919	Tumor nec	0.91143	2.97211	19.09412	-0.8809	-0.82604	-1.03009
A_42_P79	AI011603	Transcriber	0.90599	0.8561	8.39461	-0.47575	-0.21286	-0.2317
A_42_P47	BQ782509	Coated ves	0.90031	0.60861	8.26392	-0.14643	8.30E-04	-0.03039
A_42_P70	BG373825	Transcriber	0.89727	0.9285	9.48322	-0.02055	-0.26661	-0.13698
A_42_P66	AI168966	Transcriber	0.8962	0.9827	6.52766	-0.49775	0.20404	-0.14766
A_42_P73	BI295887	Similar to K	0.89298	0.7807	11.61248	-0.21509	-0.09263	-0.3845
A_42_P59	BI299334	Transmem	0.89283	1.36976	16.1198	-0.31839	-0.50627	-0.4511
A_42_P72	NM_14474	Carboxyles	0.89229	1.14377	15.24573	0.07918	0.24784	0.06516
A_42_P54	AA849042	Transcriber	0.89186	1.05634	11.42568	-0.38848	-0.16758	-0.17379
A_42_P58	AI168939	Data not fo	0.89181	1.53635	11.63148	-0.83499	-0.15395	-0.15364
A_42_P56	BQ208738	Similar to F	0.88883	0.63125	11.4311	-0.24117	-0.33177	-0.30078
A_43_P10	AA849779	Ubiquitin a	0.88693	0.66606	7.48771	-0.09804	-0.1089	-0.35433
A_42_P66	AI180221	RING1 and	0.8866	0.77651	9.57255	-0.05797	-0.14546	-0.34678
A_43_P16	BQ209739	Similar to C	0.88572	0.5447	7.66974	-0.13886	-0.02118	-0.02381
A_43_P12	NM_03156	Cd36 antig	0.8826	1.79159	18.95945	-0.18421	-0.0269	-0.03629
A_42_P84	BF283728	LOC36111	0.87978	1.22296	8.53187	-0.52316	-0.54184	-0.77061
A_43_P16	BI277487	Damage-sp	0.87808	0.73324	8.63548	-0.01325	-0.29753	-0.09023
A_43_P16	BF414193	Minichrom	0.87714	0.53567	6.07613	-0.16407	-0.03562	-0.17552
A_42_P81	BF396663	Transcriber	0.87557	0.77073	6.85439	-0.43185	0.06909	-0.07425
A_42_P75	AI575671	Similar to F	0.86913	0.61061	6.54042	-0.35556	-0.20276	-0.2494
A_43_P17	AI549208	Similar to F	0.86851	0.89468	8.18017	-0.19238	-0.07466	-0.23697
A_42_P48	BQ782526	Similar to n	0.86829	1.15398	8.14109	-0.49926	-0.38218	-0.29642
A_43_P14	CB547330	Trk-fused c	0.86638	0.95416	11.39803	-0.61657	-0.45002	-0.45404
A_42_P69	AA957410	Non-cataly	0.86431	0.72462	6.05967	-0.37842	-0.25678	-0.05553
A_42_P48	AW435169	Ab2-427	0.86389	2.23231	11.92976	-0.42743	-0.58024	-1.43795
A_42_P72	AA956496	Fas-activat	0.86235	0.92191	14.29281	-0.36656	-0.36367	-0.31295
A_42_P54	NM_03178	Nuclear fac	0.86123	0.71249	6.75817	-0.1572	-0.34282	-0.13794
A_42_P65	BM392056	Similar to e	0.86058	0.82937	7.07538	-0.19566	0.16164	-0.18947
A_43_P18	BQ206031	Similar to F	0.85644	0.50533	7.46307	-0.07684	-0.18147	-0.14598
A_42_P58	AI104683	Solute carr	0.85516	0.74149	19.00892	-0.23407	-0.32263	-0.26756
A_43_P14	NM_03178	Nuclear fac	0.85425	0.94692	6.17998	-0.29884	-0.37655	-0.16407
A_42_P45	BQ190381	Sema dom	0.85275	0.45405	8.16459	-0.1297	0.06174	-0.14008
A_42_P64	BM392421	Transcriber	0.85189	0.90589	8.16676	-0.3875	-0.17822	-0.57441
A_43_P15	BF554679	Heterogen	0.85067	0.62731	6.42037	-0.01288	-0.13693	-0.2302
A_42_P67	CA503810	Transcriber	0.85028	0.85786	10.48604	-0.37677	-0.3513	-0.28232
A_42_P79	BF562819	NIMA (nevi	0.85008	0.79899	7.40384	-0.42662	-0.3946	-0.16638

m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov
-0.33309	-0.084	0.12249	-0.19142	-0.195	0.23014	0.41197	0.10791	0.14168
-0.24993	-0.3027	-0.10811	-0.08658	-0.10711	0.41584	0.79602	0.51499	0.66043
-0.54144	-0.61417	0.13019	-0.66192	-0.41463	0.04438	0.32334	-0.11641	0.04476
-0.15124	-0.02855	0.22545	0.03114	0.05401	0.46151	0.84243	0.64821	0.75698
-0.39549	-0.0013	0.18685	-0.02207	0.04926	0.52135	0.66526	0.22442	0.52168
-0.09423	-0.29043	0.08631	0.16187	-0.03075	0.35426	0.52607	0.19394	0.29362
-0.36223	-0.3977	0.19793	-0.13093	-0.08604	0.12843	0.35328	0.1673	0.02423
-1.0718	0.11426	0.30559	0.21613	0.10088	0.68284	0.78145	0.77092	0.94784
-0.43489	-0.3333	0.10705	-0.17405	-0.12753	-0.11804	0.19374	0.05049	-0.06148
-0.19643	-0.26263	0.09512	-0.02863	-0.06201	0.24587	0.29319	0.13892	0.23467
-0.05472	0.12906	0.23637	-0.05596	0.10761	0.30391	0.47849	0.12808	0.39251
-0.60458	-0.17454	0.25573	-0.20057	-0.32818	0.20658	0.22212	0.37682	0.01782
-0.20636	-0.16373	0.05406	0.08306	-0.00295	0.06513	0.13495	0.2506	0.15054
-0.36992	-0.00532	0.05248	0.24417	0.21393	0.32712	0.31115	0.36923	0.52779
0.07092	0.01449	-0.06336	-0.15043	-0.09401	0.60195	0.79804	0.84029	0.85468
-0.36159	-0.18408	0.19575	0.23679	0.11384	0.09848	0.42191	0.36561	0.20206
-0.242	-0.25315	0.24609	-0.02422	-0.21297	0.54817	0.76453	0.55442	0.63017
-0.33152	0.00747	0.03612	-0.06033	-0.01153	0.17579	0.33043	0.06936	0.19217
-0.29011	-0.17565	-0.05339	-0.28341	-0.20222	0.28043	0.32304	0.17064	0.37493
-0.23967	0.17183	0.0561	-0.01323	0.08861	0.41492	0.34086	0.20434	0.4375
0.00251	-0.02876	0.09696	-0.15244	-0.25307	0.04533	0.19996	0.10341	-0.0683
-0.25168	-0.12793	0.13634	0.04172	0.05348	0.32486	0.58213	0.52034	0.26888
-0.38458	-0.60259	-0.10427	-0.31364	-0.03453	0.00287	0.11747	0.248	0.14464
-0.04112	0.07466	0.04008	-0.15189	0.05227	0.11497	0.33621	0.03836	0.10034
-0.22093	-0.07196	0.07591	-0.19172	-0.21455	0.17971	0.23017	-0.02712	0.11147
-0.31834	-0.17992	0.14639	-0.19947	-0.22712	0.15031	0.11312	0.2225	0.14147
-0.21193	-0.31105	0.13179	0.04233	-0.01885	0.22464	0.31778	0.05966	0.12407
-0.37806	-0.37836	0.07784	-0.50987	-0.48409	-0.11591	0.23461	-0.02155	-0.01857
-0.47788	-0.7531	0.1002	-0.05014	-0.2125	0.53126	0.58773	0.20544	0.28152
-0.42028	-0.09598	0.11116	-0.02191	-0.10481	0.18619	0.05811	0.03902	0.13119
-0.09546	0.21344	-0.058	-0.27353	-0.22877	0.03046	0.4852	0.04696	0.1672
-0.76269	-0.06362	0.08931	0.22775	0.03934	0.47659	0.79202	0.90651	0.91015
-0.33487	0.0333	0.18598	-0.0229	0.04106	0.15205	0.15317	0.36204	0.2249
-0.0215	-0.13474	-0.07256	-0.1972	-0.00186	0.40341	0.4051	0.28437	0.33031
-0.20001	0.06444	0.18696	0.11174	0.21155	0.07983	0.52409	0.27791	0.15898
-0.15844	0.02316	0.11444	0.07276	0.10653	0.33926	0.35932	0.28137	0.31577
-0.27305	0.07273	0.03797	0.11182	0.19542	0.22867	0.35154	0.19203	0.25316
-0.03193	-0.19949	0.00732	-0.52607	-0.23558	0.65683	0.53649	0.13007	0.40662
-0.18478	-0.10551	-0.00822	-0.1831	-0.13884	0.00696	0.03215	0.24195	0.12494
-0.4699	0.02158	-0.00103	-0.1265	-0.03107	0.27473	0.07405	0.33554	0.23265
-0.16867	0.19018	0.17356	-0.19224	0.09301	0.26477	0.29432	0.0626	0.27762
-0.41956	-0.32794	-0.00759	-0.21826	-0.12439	0.37143	0.40301	0.3531	0.57258
-0.54533	-0.25832	0.29499	0.05731	0.09968	0.19848	0.49243	0.34955	0.49303

m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç
-0.0429	0.03285	-0.00751	-0.11008	0.17776	0.13941	-0.14237	-0.14712	0.71645
0.5043	0.22276	0.28006	0.15036	0.58493	0.34333	0.47176	0.46283	1.37984
0.19424	0.01117	0.16459	-0.21138	0.31514	0.16537	-0.0842	-0.04332	1.10069
-0.10645	-0.10656	-0.17898	0.02911	0.37911	0.14885	0.42409	0.11485	1.32236
0.26304	0.12913	0.15283	0.12993	0.86391	0.80592	0.62161	0.66036	1.36829
-0.11317	0.09052	0.25333	0.071	0.36814	0.30304	0.27613	-0.0288	1.44471
0.19327	0.22428	0.18143	0.16664	0.54287	0.56918	0.65128	0.5514	1.56392
-0.24721	0.16391	0.02514	-0.00195	0.9194	1.22175	1.19355	0.73605	2.17545
0.17604	0.19187	0.25698	-0.04714	0.0657	0.13953	0.1315	0.11469	0.71521
-0.07978	-0.02918	-0.14169	-0.09075	0.12582	0.21264	0.08333	-0.06582	0.73276
0.32087	0.13838	0.17863	0.238	0.50128	0.53657	0.04183	0.17777	1.15022
-0.29691	0.15536	-0.15598	-0.16491	0.06937	0.48943	0.0041	-0.09889	0.88208
-0.13391	0.0428	0.11758	0.02488	0.17859	0.18088	0.27509	0.19694	0.61696
-0.1149	-0.20013	-0.2368	-0.00317	0.33987	0.48117	0.20609	0.38492	1.12341
-0.08913	-0.09681	-0.08463	0.01069	0.46763	0.45119	0.42573	0.47658	1.21305
-0.22669	-0.08137	-0.19985	-0.23067	0.13055	0.19711	0.4064	0.41608	0.97371
0.45692	0.59674	0.54913	0.37677	0.54041	0.39969	0.45359	0.32926	1.47147
0.08867	0.00815	0.02319	0.10319	0.20984	0.1707	0.03018	0.01881	0.37927
0.16296	0.08037	0.12345	0.23269	0.34492	0.34193	0.00397	-0.01838	0.72548
-0.03586	0.01785	-0.23874	0.03766	0.40399	0.36942	0.19861	0.33392	0.74057
0.05969	0.14114	-0.00739	-0.00822	0.06526	0.15232	-0.14088	-0.10378	0.58192
-0.26645	-0.17651	-0.30324	-0.38989	0.02319	-0.08962	0.05063	0.09587	1.45136
0.16207	-0.00646	0.18823	-0.10755	0.22407	0.25614	0.44445	0.14298	0.94618
0.25586	0.07182	0.02983	0.19886	0.49415	0.30488	0.04531	0.37889	0.83315
0.07007	0.07891	-0.0996	-0.06411	0.16484	0.23747	-0.20236	-0.06931	0.69838
-0.09328	0.18199	-0.24051	-0.10137	0.13173	0.04693	-0.06031	-0.02262	0.80163
-0.04005	0.02485	-0.01314	-0.09225	0.11291	0.14149	0.18969	-0.03402	0.63361
0.32291	0.01207	0.05077	-0.07571	0.15007	0.13686	-0.24787	-0.08587	0.65871
0.18518	0.2802	0.37087	-0.05129	0.19525	0.39833	0.2504	0.21682	1.0513
-0.00763	0.14234	0.04894	0.12388	0.18756	0.38405	0.06144	0.02765	0.70624
0.0759	-0.1178	-0.00649	0.22858	0.22569	0.22002	-0.04505	-0.20021	0.78475
-0.14417	-0.23717	0.04182	-0.20578	0.58611	0.25494	1.10979	0.90867	1.28177
-0.20493	-0.13673	-0.20368	-0.04792	0.43879	0.48649	0.3478	0.23812	0.59126
-0.02502	0.04003	-0.00734	0.16724	0.44651	0.5315	0.16962	0.46299	0.89075
0.29738	0.25816	0.03268	0.37817	0.4765	0.42718	0.47285	0.07712	0.91799
0.00998	-0.0507	-0.19938	0.08718	0.32033	0.15337	0.12874	0.28339	0.59327
0.13475	0.03034	0.00516	0.07153	0.29205	0.15366	0.23129	0.24333	0.46755
0.05961	0.05715	-0.0148	0.18197	0.56049	0.43718	-0.15962	0.16196	1.37622
-0.05322	-0.0047	0.02422	-0.15794	-0.07987	-0.02156	-0.04144	-0.10731	0.29723
-0.38593	-0.1318	-0.4879	-0.2803	0.11703	0.10269	-0.14029	-0.06207	0.75708
0.21285	0.07873	0.01663	0.10324	0.42589	0.30194	-0.04545	0.28827	0.83204
-0.02061	0.14285	0.19626	0.16636	0.20926	0.28571	0.20874	0.18773	0.73286
-0.07141	0.09945	-0.02265	-0.21051	0.02573	-0.02469	0.10117	-0.05226	0.58309

m_liver_hiç	m_liver_hiç	m_liver_hiç	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
0.3196	0.60125	0.53356	-0.04413	0.0126	-0.07592	-0.06381	-0.06207	-0.03493
1.09934	1.27149	1.46878	0.03386	0.14237	-0.05513	0.01859	-0.04754	-0.0067
0.36737	0.77929	0.84543	-0.13472	-0.29413	-0.26267	-0.11107	-0.20961	-0.18106
0.78328	1.19189	1.36588	0.00307	-0.16309	-0.1271	-0.06944	-0.03954	-0.0382
0.82835	1.10499	1.13051	-0.13064	-0.00955	-0.09834	-0.06428	0.13123	0.03331
0.83699	1.14619	1.24331	-0.15093	-0.3661	-0.1016	-0.06457	0.11849	0.02813
0.55721	1.29378	1.223	-0.06721	0.09222	-0.06126	-0.0023	0.11044	0.07215
1.63327	2.1612	2.10969	0.09676	-0.23208	0.04108	-0.10727	0.13819	0.0315
0.17582	0.57696	0.60122	-0.13993	-0.02857	-0.16389	-0.10236	-0.03617	-0.09743
0.30861	0.46387	0.40005	0.01104	-0.07057	-0.1433	-0.02035	0.1257	0.13499
0.52143	0.76446	0.79902	0.14808	0.13202	0.12747	0.11736	-0.01775	-0.11541
0.36763	1.04258	0.59255	-0.13739	-0.23053	-0.19346	-0.18499	0.12538	0.02451
0.33479	0.70027	0.5722	-0.01715	-0.09991	-0.05301	-0.08569	-0.08149	-0.017
0.6245	1.05923	1.02623	-0.05979	-0.15886	0.08032	-0.01305	-0.01772	-0.02309
0.70483	1.17054	1.19335	-0.0453	-0.09671	0.00702	0.00923	0.1506	0.07937
0.39451	0.91351	0.8522	-0.14194	-0.14992	-0.16556	-0.13583	0.10516	0.04469
0.67384	1.3578	1.2577	0.02628	0.15954	-0.01656	0.04272	-0.12135	0.05235
0.20815	0.37183	0.36049	0.04984	0.13809	0.02305	0.04372	0.09741	0.01862
0.13889	0.39101	0.47251	-0.0967	-0.17636	-0.14042	-0.07736	0.0866	-0.00511
0.20216	0.7154	0.65803	0.01071	-0.03828	-0.00127	-0.0299	-0.0056	0.04537
0.28954	0.51726	0.45276	-0.06909	-0.0373	-0.0375	-0.02547	0.03636	4.60E-04
1.05687	1.38757	1.62266	-0.02241	0.04303	-0.03348	0.03431	-0.04184	-0.11098
0.36527	0.60082	0.75939	0.09535	-0.15342	-0.11151	-0.06921	-0.40687	-0.19133
0.5386	0.58577	0.5333	0.01092	-0.00337	0.04563	-0.01855	-0.03429	-0.01826
0.14703	0.39842	0.30273	-0.14155	-0.1164	-0.06623	-0.11655	-0.02261	-0.03037
0.23101	0.76451	0.53043	-0.10375	6.60E-04	-0.16223	-0.01091	0.23144	0.08301
-0.03196	0.33789	0.48325	0.00636	-0.0243	-0.06406	0.02132	-0.08001	-0.14919
0.32155	0.74514	0.55883	-0.02074	-0.08126	-0.06934	-0.06317	0.05909	0.05495
0.49131	0.7295	0.68808	-0.0795	-0.13686	-0.22399	-0.13439	-0.16368	-0.07069
0.18627	0.56977	0.41344	0.06023	0.0418	-0.00537	0.07842	-0.11656	-0.14083
0.29189	0.42666	0.60898	-0.07482	-0.15296	-0.10772	-0.1041	-0.12483	-0.16452
0.66678	1.5453	2.22706	0.20118	0.10414	0.20654	0.15764	-0.00799	-0.063
0.49036	0.67532	0.55265	-0.05383	-0.22277	-0.11023	-0.18287	0.09369	0.14687
0.04051	0.63145	0.62781	-0.06539	0.06897	0.1178	0.10444	0.04993	-0.02187
0.48034	0.90683	0.58883	0.03375	0.28605	0.1051	0.1084	0.1121	0.18536
0.09912	0.274	0.49221	0.00969	0.12748	-0.00352	0.06869	-0.02985	-2.00E-04
0.47729	0.45396	0.46984	-0.09573	-0.17303	-0.05034	-0.10115	0.07474	0.066
0.06199	0.59093	0.80472	0.09364	0.16119	0.06636	0.17485	-0.00849	-0.07159
0.23617	0.42062	0.42649	-0.05307	0.00791	-0.11954	-0.088	-0.01938	0.00304
0.03077	0.48983	0.60745	-0.35913	-0.183	-0.34253	-0.14107	-0.12974	-0.22406
0.07695	0.45466	0.59692	0.04227	0.07921	0.08236	0.01851	0.00379	0.04521
0.41148	0.63914	0.21802	0.02616	-0.10966	0.03523	0.01553	0.11164	0.0401
0.03446	0.48107	0.56442	-0.08886	-0.14815	-0.18663	-0.06283	0.06214	0.02236

m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
-0.03659	-0.03592	-0.05634	-0.02969	-0.02047	-0.0275	-0.13757	-0.17743	-0.10301
-0.02043	0.01648	0.01541	0.00136	0.04512	0.02926	-0.05593	-0.08782	-0.02444
-0.12647	-0.18742	-0.01415	0.12236	0.00319	0.1753	-0.35619	-0.42147	-0.31184
0.04929	-0.03394	0.07204	0.1721	0.07321	0.17319	-0.12771	-0.24359	-0.07636
0.21987	0.0995	-0.00693	-0.07104	0.02668	0.03267	-0.11184	-0.11037	-0.20431
0.08321	0.00254	0.0279	0.11039	0.05587	0.14626	-0.03166	0.03564	-0.03785
0.1088	0.08463	0.16972	0.16107	0.07915	0.10346	-0.02962	-0.02501	-0.04065
-0.04833	0.01842	0.11943	0.12206	-0.06416	-0.13718	-0.28566	0.03485	0.21538
0.02656	-0.13232	0.0597	0.03052	0.06742	0.19998	-0.23413	-0.04664	-0.05167
0.10898	0.07914	0.01601	-0.01193	0.03796	0.07557	-0.14029	-0.13763	-0.12655
0.02985	-0.04969	0.06326	0.10306	0.12887	0.16171	0.02091	0.073	0.08807
0.05451	-0.0597	-0.03054	-0.04627	-0.05134	-0.02168	-0.14958	-0.05166	-0.16041
-0.06504	-0.05179	-0.06045	-0.06419	-0.04864	-0.07355	-0.18821	-0.10257	-0.13842
0.01389	0.04556	-0.07192	-0.05707	-0.02529	-0.04365	0.07368	0.02061	0.09663
0.03141	-0.02769	-0.09416	-0.01787	0.03811	-0.06388	0.00419	-0.0037	-0.05407
0.06025	0.01014	-0.10231	-0.08524	-0.084	-0.11344	-0.18688	-0.11209	-0.14728
0.06693	-0.04919	-0.08385	-9.50E-04	-0.10163	-0.01388	0.23264	0.21249	0.15719
0.01467	0.01845	0.00131	-0.08256	0.00643	0.04754	-0.0838	-0.0577	-0.11395
0.1017	0.08999	-0.03881	0.05384	0.0757	0.06578	-0.24783	-0.26901	-0.22988
0.05737	-0.03226	0.12959	0.14931	0.19003	0.10767	-0.0551	-0.015	-0.09866
0.02662	-0.01253	0.02246	0.07909	0.13629	0.05864	-0.09772	-0.04764	-0.03111
-0.04418	-0.16447	-0.49898	-0.37021	-0.41651	-0.36221	-0.20744	-0.11784	-0.15604
-0.07979	0.04105	-0.08307	0.02869	-0.10582	0.07642	-0.01756	-0.14294	0.00136
0.01469	-0.03288	0.02294	0.15205	0.13956	0.15667	0.03776	0.02304	0.10226
0.01449	-0.02964	0.02913	0.07475	0.12991	0.04628	-0.14514	-0.08123	-0.05847
0.0517	0.04025	0.11188	0.06711	0.05726	0.10084	-0.07403	0.02393	-0.01162
-0.0298	-0.00304	-0.0316	0.06483	0.09513	0.07825	-0.06465	-0.08134	-0.04843
0.07419	-0.02393	0.03825	0.17261	0.07872	0.10936	-0.10687	-0.04301	-1.20E-04
-0.03285	-0.01386	-0.10388	0.10566	-0.12438	0.03465	-0.06818	-0.02629	0.14073
0.00577	-0.10867	-0.03558	-0.0206	-0.01849	-0.03586	-0.00124	-0.04287	-0.05175
-0.08563	-0.12075	0.22299	0.07237	0.18081	0.14999	-0.06684	-0.16485	-0.16713
0.08904	0.04005	-0.03425	0.11703	0.02457	0.11763	0.1062	0.12267	0.11662
0.06826	0.07963	-0.05627	-0.07575	-0.14417	-0.10831	-0.12523	-0.0516	-0.1832
0.02611	-0.08172	0.07758	-0.01572	0.049	-0.00634	-0.20693	-0.08634	-0.12105
0.10486	0.0915	0.16934	0.09746	0.03636	0.15817	-0.02144	-0.08916	0.03932
-0.02142	0.02932	0.09901	0.12259	0.04062	0.10904	0.02537	-0.03467	-0.0367
-0.01017	0.06149	0.01441	-0.0062	0.002	0.01068	-0.06151	-0.07622	-0.07933
0.01868	-0.06971	-0.00443	-0.04167	-0.03195	0.03682	-0.08999	-0.07809	-0.09732
-0.03592	-0.02622	-0.00183	0.03639	0.041	0.02439	-0.03447	-0.04225	0.02191
-0.14128	-0.27683	-0.15802	-0.14008	-0.05784	-0.181	-0.30713	-0.24051	-0.25519
0.02764	0.01562	0.03034	0.10703	0.15154	0.09176	-0.09548	-5.40E-04	-4.90E-04
0.13777	0.04904	0.20877	0.22768	0.23023	0.27818	-0.01869	-0.05362	-0.00782
-0.01869	-0.02405	0.04207	-0.03259	0.056	0.00529	-0.09909	-0.1062	-0.16117

m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
-0.21077	-0.01833	0.03468	0.03617	0.05717	0.04171	-0.0211	-0.02048	-3.40E-04
-0.06529	-0.06457	-0.15597	-0.05788	-0.05685	8.80E-04	-0.05013	1.70E-04	-0.01571
-0.36529	-0.07269	-0.20324	-0.07538	-0.02586	-0.00826	-0.13708	-0.09062	-0.03041
-0.21664	-0.05804	-0.09905	-0.0584	-0.05537	-0.01596	0.11405	-0.04276	0.11167
-0.16524	0.09416	0.14383	0.12931	0.12104	0.2077	0.17191	0.19086	0.26593
0.05173	0.0817	0.00631	0.0538	0.06091	-0.08815	-0.07267	-0.1023	-0.03003
-0.01169	0.15152	0.06763	0.15507	0.12672	0.15668	0.16251	0.30132	0.20254
-0.06522	-0.15835	0.08247	-0.01388	-0.12588	0.12856	0.13795	-0.2787	0.13081
-0.15598	-0.06714	-0.14574	-0.06456	-0.11238	0.03715	0.03075	0.09536	0.08886
-0.12466	0.03737	0.08373	0.13376	0.14736	0.06501	6.00E-05	0.10751	0.0775
0.09334	-0.12036	-0.10349	-0.04911	-0.09289	0.11046	0.12785	0.07341	0.15638
-0.05824	-0.0105	0.03999	-0.04637	-0.00788	-0.07149	-0.0355	0.07416	0.03486
-0.06928	-0.14801	-0.15736	-0.09146	-0.08512	-0.1136	-0.18192	-0.13722	-0.15438
0.07358	-0.06947	0.07371	-0.01483	0.06019	0.11701	0.14252	0.15989	0.16189
-0.02176	0.023	0.11095	0.01267	0.02971	0.03302	0.02784	-0.08496	-0.00391
-0.06448	0.03975	-0.00368	0.01518	0.01798	-0.06505	-0.02087	0.02122	-0.03875
0.12201	0.07971	0.03731	0.07078	0.0321	0.36811	0.20611	0.43646	0.31408
-0.10871	-0.00183	-0.00254	0.08222	0.0566	0.03036	-0.00145	0.04139	0.07704
-0.18965	0.02406	0.00182	0.07561	0.07115	0.02703	0.01577	-0.04158	0.01469
-0.01804	-0.0619	-0.00957	-0.06466	-0.06149	0.15364	0.10823	0.08041	0.12845
-0.0293	0.00262	0.00685	0.08955	0.02402	0.11699	0.12174	0.06245	0.11927
-0.13735	-0.13598	-0.36031	-0.17733	-0.3339	-0.36921	-0.32824	-0.40771	-0.30294
-0.15019	-0.18539	-0.34606	-0.06763	-0.03504	-0.11867	-0.01029	0.07733	-0.05001
0.0407	0.01648	0.00255	0.03277	-0.03635	0.13777	0.20882	0.17031	0.22249
-0.08117	-0.00466	0.00149	0.01613	-0.02654	0.06142	0.06069	-0.04404	0.06698
0.00174	0.05364	0.03576	-0.03521	0.00617	0.09573	0.11203	0.25854	0.01278
-0.04229	-0.07077	-0.16892	0.03	-0.12634	-0.04318	0.01913	-0.07109	0.03982
-0.08321	0.07671	0.07166	0.07599	0.05772	0.0365	0.0014	0.00736	0.07672
-0.0899	-0.04213	-0.10447	0.07788	-0.01957	0.291	0.34158	0.26971	0.05486
0.08113	-0.05106	-0.12061	-0.01047	-0.04916	0.12235	0.04791	-0.02956	0.13763
-0.07551	-0.19175	-0.12014	-0.1625	-0.08898	0.05798	0.16521	0.06319	0.14798
0.06101	-0.14397	-0.15829	-0.06379	-0.09022	-0.01445	-0.07065	-0.16578	-0.02419
-0.07796	0.12164	0.08322	0.12118	0.13043	-0.14387	-0.02853	0.02611	-0.07828
-0.06702	-0.01191	-0.03074	-0.11364	0.04042	0.0553	0.07353	0.21172	0.09081
-0.07456	0.13192	0.10903	0.03083	0.01686	0.13578	0.1038	0.28204	0.16715
-0.06357	0.00783	-0.05675	-0.01623	-0.01523	0.15701	0.0644	0.22003	0.10079
-0.0314	0.09312	0.09277	0.10937	0.13482	0.03205	0.01764	0.05576	0.08897
0.02173	-0.04073	-0.14345	-0.07729	-0.04595	0.1049	0.00485	0.13901	0.12342
-0.01847	-8.10E-04	0.01156	-0.00784	-0.0258	-0.00956	-0.07376	-0.01018	-0.03837
-0.12059	-0.41028	-0.44987	-0.40367	-0.4746	0.02924	-0.08584	-0.03029	-0.04839
-0.00993	0.11627	0.10137	0.09826	0.0625	0.11259	0.05655	0.05783	0.05968
0.03962	0.12899	0.07225	0.15483	0.12788	0.24081	0.34951	0.19206	0.40356
-0.25909	0.11073	0.08033	0.14087	0.14783	-0.02585	0.092	0.01854	0.13524

high_7d_plus_B_nmg.txt

Probe ID	GenBank #	Sequence	Correlation	Magnitude	SNR	m_liver_lov	m_liver_lov	m_liver_lov
A_42_P81	BF391476	Similar to E	0.97921	1.47232	14.72656	1.0294	0.73143	0.90474
A_42_P55	BM385405	Transcribed	0.97802	3.29462	17.52191	1.71757	1.64326	2.60851
A_42_P73	AW529678	Similar to M	0.96505	1.39434	11.91995	0.92465	1.06685	1.07318
A_42_P60	BF402375	Transcribed	0.95508	1.1908	8.89585	0.38416	0.62091	0.78661
A_42_P68	NM_01264	Syndecan	0.95372	1.92694	13.39084	1.01376	1.27929	1.45125
A_43_P12	NM_05279	Zinc finger	0.95049	4.42195	40.12289	2.81373	2.85617	3.31433
A_42_P78	AI012106	Transcribed	0.9462	1.73487	12.03754	0.71494	1.10387	1.30594
A_42_P55	NM_01304	Tumor nec	0.9411	1.1078	10.84908	0.65711	0.43394	1.04241
A_43_P14	BE117350	Similar to F	0.93993	1.16806	8.73293	0.73702	0.6207	0.88288
A_42_P48	BF413895	CDNA clon	0.93827	1.61372	11.33377	0.93791	0.74128	1.63341
A_42_P68	AI071491	Transcribed	0.93473	1.24066	9.84808	0.67376	0.70059	0.76318
A_42_P83	AI407284	Influenza v	0.93364	1.01456	8.48923	0.20238	0.53057	0.75198
A_43_P12	NM_02218	Nuclear rec	0.93245	1.90425	17.96234	1.21034	1.10608	0.98037
A_43_P13	NM_05721	Basic trans	0.93098	1.57367	10.72262	0.71831	0.95523	1.05617
A_42_P62	NM_01255	Early growt	0.92579	3.01288	28.37977	1.98094	1.8672	2.08441
A_42_P52	AA849748	Hypothetic	0.92487	2.10478	23.11716	1.08726	1.37969	1.5471
A_42_P51	BI301193	Protein-tyr	0.9205	0.87856	8.55023	0.80948	0.43253	0.59249
A_42_P62	NM_02436	Hairy and e	0.91801	1.23662	7.66503	0.83488	0.3302	0.77196
A_43_P15	BF548548	Transcribed	0.91759	0.98387	7.69279	0.22885	0.47146	1.04619
A_42_P69	AI102097	Transcribed	0.91592	2.56341	23.90354	1.69312	1.69896	2.00808
A_42_P54	BF420059	Immediate	0.91571	1.14754	12.17366	0.51637	0.44212	0.47407
A_42_P81	AW143082	Transcribed	0.91444	1.24326	6.63185	0.12337	0.79966	1.41437
A_43_P14	BQ207103	Similar to M	0.91198	1.45821	19.62884	0.86893	0.75005	0.95026
A_42_P51	AW528848	Similar to F	0.90583	1.15738	16.35009	0.19728	0.14328	0.46321
A_43_P10	CA507280	Transcribed	0.90538	1.19875	9.56831	0.67941	0.52268	0.66663
A_43_P14	AI598434	Transcribed	0.90466	0.98484	9.86796	0.48291	0.32886	0.40011
A_43_P14	NM_02436	Hairy and e	0.90168	1.24924	14.13222	0.61326	0.90066	1.02289
A_42_P72	AA998660	Transcribed	0.90032	0.79952	6.00061	0.41998	0.47866	0.74931
A_42_P47	BQ202832	Similar to e	0.89755	1.31974	13.40104	0.54806	0.32538	0.32816
A_42_P57	BI289280	B-cell leuk	0.89297	2.2536	14.55886	0.6443	0.49657	0.6875
A_42_P59	BQ190249	Transcribed	0.8908	1.10481	14.02937	0.66908	0.81555	0.99355
A_42_P74	NM_01256	Glucokinas	0.89023	2.07266	10.19212	0.90371	0.35128	1.66101
A_43_P14	BM385851	Period hor	0.88772	2.03746	15.96946	0.92077	0.91233	1.63938
A_42_P82	AI059241	Transcribed	0.88683	1.31248	12.72159	1.01699	0.89222	1.22545
A_43_P17	BF408325	Similar to F	0.883	0.97073	6.27229	0.27063	0.34798	1.14078
A_42_P81	BE104885	Two pore s	0.88287	0.79831	6.59433	0.17918	0.15786	0.35605
A_43_P15	BF283858	Data not fo	0.87383	1.3792	9.61409	1.04332	0.83455	1.19361
A_43_P11	NM_01707	Forkhead t	0.87083	1.54066	6.38627	0.53093	0.94891	0.8303
A_42_P81	BF548541	Phosphate	0.87021	1.11022	9.93205	0.3087	0.47506	0.74386
A_42_P81	BM388440	Pleckstrin f	0.868	0.95023	11.39891	0.45904	0.35035	0.59864
A_42_P69	AI599104	Chromodor	0.86449	1.09672	10.19671	0.66653	0.34717	0.4935
A_42_P53	AI179310	Transcribed	0.85812	1.12211	19.27289	0.65304	0.53432	0.73799
A_42_P69	BI276840	LPS-induce	0.858	0.66631	6.46285	0.37879	0.27659	0.31811
A_43_P22	BF405011	Similar to F	0.8565	1.66788	10.40358	0.84603	0.54883	1.4098
A_43_P10	BI284261	Similar to c	0.85249	3.17058	13.09642	0.90304	1.01603	2.14635

m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov
1.07271	-0.28782	-0.17172	-0.39012	-0.32135	-0.19583	-0.32989	-0.47887	-0.2857
2.5416	-0.50641	-0.29553	-0.75445	-0.55619	-0.6201	-0.60284	-0.88748	-0.79369
1.15783	-0.44995	-0.06403	-0.24655	-0.32844	-0.20079	-0.27529	-0.43169	-0.3512
0.73345	-0.22088	0.01646	-0.23206	-0.21218	0.01014	-0.37517	-0.41547	-0.33385
1.69566	-0.16726	-0.06195	-0.19399	-0.15594	2.40E-04	-0.29723	0.02561	0.04649
3.08995	0.20673	0.39736	0.20005	0.3125	-1.20283	-1.05173	-1.55328	-1.28069
1.32653	-0.37635	-0.11365	-0.42811	-0.09711	-0.09712	-0.26835	-0.39842	-0.23294
0.89396	-0.11684	-0.0722	-0.23248	0.0553	-0.04391	0.1047	-0.03446	0.16545
0.84321	-0.30878	-0.12711	-0.65171	-0.48067	-0.02911	-0.07952	-0.41896	-0.17262
1.21089	-0.2132	-0.0293	-0.33873	-0.28906	-0.14818	0.03153	-0.18296	-0.17422
0.88667	-0.40219	-0.29182	-0.68428	-0.42342	0.19142	0.13445	-0.0677	-0.07978
0.69367	-0.23365	-0.07269	-0.32904	-0.20792	0.14524	-0.06095	-0.084	-0.08261
1.00031	-0.24488	-0.23642	-0.56145	-0.4422	-0.17804	-0.18016	-0.39767	-0.2432
1.08067	-0.31647	-0.09253	0.03247	0.05484	-0.11812	-0.22788	-0.38454	-0.28122
2.11476	-0.93017	-0.88659	-1.1922	-0.99524	-0.6054	-0.79268	-0.93433	-0.83233
1.37285	-0.8516	-0.64515	-0.64209	-0.61751	0.021	-0.09336	-0.18515	-0.17163
0.88721	-0.00811	-0.08787	-0.07209	0.11659	0.39485	0.22138	-0.01922	0.2414
0.99067	-0.07337	-0.25554	-0.7005	-0.22294	0.28718	0.15769	-0.25801	0.10991
0.77315	0.0135	-0.08894	-0.13418	-0.27262	-0.20105	-0.24265	-0.18823	-0.31058
1.82299	-0.09769	0.16152	-0.0731	0.06565	-0.72374	-0.58166	-0.94227	-0.7828
0.60845	-0.48879	-0.37682	-0.79463	-0.36961	0.07474	0.14668	-0.21718	-0.09055
1.32954	-0.36524	-0.04144	-0.29915	-0.20507	-0.11658	-0.29418	-0.21029	-0.66498
0.83985	-0.0089	-0.06222	-0.05177	0.08722	-0.69911	-0.43434	-0.50992	-0.60427
0.35346	0.0206	-0.08682	-0.12644	0.01903	-0.31942	-0.25008	-0.24854	-0.18947
0.72639	0.39819	0.44803	-0.03034	0.34214	-0.09386	0.02052	-0.5396	-0.27358
0.27145	-0.23496	-0.2267	-0.65055	-0.42849	-0.166	-0.0114	-0.25078	-0.12325
0.87954	-0.34865	0.00928	-0.38021	-0.24322	0.07293	-0.01816	-0.02189	-0.07157
0.85724	-0.39625	-0.10567	-0.09259	0.01884	0.00787	0.02425	-0.28419	-0.26887
0.36494	-0.19922	-0.22227	-0.47272	-0.31365	-0.00869	0.05454	-0.18028	0.01626
0.84516	-0.8508	-0.95603	-1.45339	-1.05676	-0.19099	-0.04623	-0.52629	-0.27308
0.8481	-0.29264	-0.13721	-0.17412	-0.1857	0.09433	0.16797	-0.08367	0.08772
1.81076	-0.01142	-0.0465	0.00751	0.13936	-0.25552	-0.4774	-0.7385	-0.7386
1.3973	0.11331	0.20263	0.1761	0.16641	-0.56996	-0.45064	-0.96308	-0.70231
1.10563	-0.19667	0.09588	-0.3981	-0.339	0.03746	0.09827	-0.01296	-0.01596
0.71831	-0.24521	-0.13771	-0.33172	-0.21009	-0.18163	-0.0981	-0.38984	-0.23044
0.42841	-0.62487	-0.21765	-0.00859	0.04924	-0.42459	-0.22602	-0.55821	-0.43044
1.12752	0.00775	0.16488	-0.39213	-0.28739	-0.13864	0.0313	-0.39365	-0.16697
0.9215	-0.76897	-0.33797	-0.29712	-0.55343	-0.33375	-0.42398	-0.17179	-0.27905
0.59795	-0.37986	-0.07607	-0.23643	-0.32025	0.11539	-0.0322	0.37923	0.20156
0.61242	0.04891	0.13272	-0.05283	0.10313	-0.31308	-7.40E-04	-0.45789	-0.27917
0.5559	-0.38521	-0.26091	-0.51214	-0.30084	-0.06207	-0.20188	-0.09272	0.0352
0.78437	-0.033	-0.06619	0.01851	0.03609	0.17093	0.01951	-0.06039	-0.0012
0.42243	0.01728	0.17059	-0.19092	-0.03354	0.13183	0.40729	-0.09005	0.04623
1.22866	0.20169	0.23951	0.3471	0.38367	-0.48592	-0.51822	-0.89633	-0.69853
1.39143	-0.78501	-0.22925	-0.52056	-0.72351	-1.12088	-1.38258	-2.72155	-1.50731

m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç
1.05138	0.91997	0.87934	1.1491	-0.3727	-0.3387	-0.70379	-0.4743	-0.09594
1.29403	1.17687	2.33126	2.23713	-0.7413	-0.48878	-1.01164	-0.89827	-0.97781
0.87957	1.09408	1.00292	1.05238	-0.2759	-0.0834	-0.48882	-0.48253	0.06649
0.41284	0.70485	0.72794	0.86053	-0.38771	-0.23958	-0.69733	-0.73243	-0.09906
0.92645	1.52103	1.42422	1.57338	-0.4053	-0.20883	-0.38076	-0.42695	-0.23515
3.01129	3.03642	3.2436	3.30797	-0.11683	-0.18473	-0.42204	-0.24598	-0.42491
1.02657	1.06536	1.00341	1.04047	-0.59625	-0.59653	-0.72362	-0.57179	0.08254
0.49995	0.43178	1.00271	0.71555	-0.24239	-0.24323	-0.38354	-0.26978	-0.2258
0.66903	0.6515	0.63707	0.80759	-0.11935	-0.12359	-0.80458	-0.54092	0.21344
0.2684	0.81338	1.37659	1.14801	-0.35813	-0.33681	-0.64269	-0.59377	-0.00247
0.67821	0.41546	0.56966	0.81357	-0.08691	-0.40413	-0.64132	-0.36651	-0.07741
0.58661	0.80014	0.73016	0.76081	-0.304	-0.0618	-0.51529	-0.29944	0.23243
0.65844	0.50882	0.5114	0.60189	-0.63466	-0.57468	-1.15115	-0.9594	-0.32176
0.81157	1.14698	0.88901	1.13018	-0.26082	-0.21158	-0.08003	-0.07191	-0.18771
1.30501	1.27385	1.29109	1.61242	0.23478	0.14432	-0.08851	0.13052	-0.65989
0.71244	0.96108	0.79176	0.91926	-0.77057	-0.69799	-0.78722	-0.77645	-0.39633
0.75159	0.48993	0.48034	0.8018	0.00178	-0.05344	-0.24707	0.00882	0.04747
0.61638	0.3423	0.50163	0.93948	-0.13953	-0.47632	-0.91328	-0.48966	0.21013
-0.10972	0.41237	0.82201	0.50406	-0.37372	-0.07629	-0.41069	-0.55514	-0.31212
1.2357	1.25128	1.21048	1.34712	-0.29805	-0.28633	-0.5451	-0.38154	0.24031
0.64468	0.59362	0.6163	0.70569	0.0666	-0.0603	-0.14001	-0.13767	-0.03303
0.16407	0.48075	1.46473	0.61648	-0.41052	-0.02043	-0.49476	-0.38038	-0.08947
0.69203	0.75898	0.84806	0.85466	-0.23248	-0.30308	-0.42468	-0.19767	-0.2331
0.5669	0.54766	0.69467	0.63112	-0.22548	-0.16301	-0.47564	-0.30979	-0.50476
0.84628	0.64521	0.56118	0.77753	-0.09731	-0.3557	-0.56875	-0.2328	-0.07362
0.4738	0.4498	0.39651	0.44495	-0.41053	-0.26286	-0.83682	-0.66407	-0.14013
0.62256	0.76926	0.68002	0.70324	-0.35526	-0.29182	-0.53334	-0.4002	0.367
0.58021	0.43387	0.46069	0.69872	-0.08462	-0.17868	-0.08261	0.11775	0.28049
0.94123	0.80179	0.76541	0.93384	-0.22468	-0.21996	-0.67968	-0.44581	0.16171
1.36048	0.96582	0.98907	1.38207	0.01167	-0.36818	-0.65514	-0.29243	-0.06288
0.7454	0.77715	0.79092	0.80391	-0.24976	-0.1811	-0.36051	-0.3016	0.27059
0.20679	0.33626	1.42579	0.9425	-0.48907	-0.36633	-0.95696	-0.39388	-0.82812
0.97228	0.93616	1.92673	1.62866	-0.09964	0.0293	-0.18426	-0.16251	0.3837
0.79782	0.91363	1.11435	1.02245	0.03756	0.24372	-0.2879	-0.17137	0.16156
0.08365	0.28187	1.42761	0.67943	-0.32449	0.0046	-0.47222	-0.6131	-0.20982
0.4079	0.34615	0.40052	0.3994	-0.36743	-0.41628	-0.12039	-0.1107	-0.04749
0.75812	0.66306	0.80477	0.93629	-0.24267	0.05456	-0.59968	-0.53	0.53012
0.67587	1.06005	1.11237	0.70557	-0.75241	-0.47217	-0.46502	-0.6819	-0.50205
0.46762	0.66399	1.06159	0.89857	-0.33646	-0.12696	-0.43302	-0.45267	0.1354
0.2312	0.03276	0.03638	0.16376	-0.17364	-0.27279	-0.39568	-0.2538	-0.08039
0.85243	0.55048	0.53067	0.73773	-0.36911	-0.25592	-0.6045	-0.48606	0.20585
0.2553	0.16923	0.20332	0.26091	0.04135	0.10697	0.02517	-0.03343	-0.35975
0.68414	0.57342	0.51696	0.46262	0.12545	0.1376	-0.20604	-0.11826	0.38105
0.76871	0.63953	1.36445	1.29982	-0.17544	0.0642	-0.5401	-0.42656	-0.04568
0.7177	1.08732	2.34826	1.79672	-0.3184	-0.21317	-0.55531	-0.70442	0.44575

m_liver_hiç	m_liver_hiç	m_liver_hiç	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
-0.62767	-0.33749	-0.32148	0.29545	0.2766	0.36388	0.34491	-0.21866	-0.252	
-1.18937	-1.08921	-1.41117	0.96568	0.98958	1.02589	0.90355	-0.53788	-0.66862	
-0.9492	-0.24414	-0.22801	0.10984	0.12025	0.08429	0.09058	0.02768	-0.06205	
-0.84446	-0.46635	-0.39562	0.20718	0.04224	0.11718	0.12725	-0.09975	-0.11522	
-1.25769	-0.26079	-0.50906	0.24034	0.16511	0.28743	0.15223	0.07353	0.13716	
-1.14241	-0.86149	-0.88637	0.72557	0.69894	0.70578	0.76761	0.20585	0.11224	
-1.34071	-0.65519	-0.45689	0.69385	0.90023	0.77305	0.89151	-0.0336	-0.13057	
-0.17048	-0.44258	-0.56492	0.19028	0.27565	0.18861	0.14734	-0.06063	-0.01485	
-0.48654	-0.08861	-0.19375	0.23279	0.37488	0.25387	0.19908	0.1397	-0.07991	
-0.12755	-0.24504	-0.30958	0.21952	0.25022	0.16939	0.30669	-0.09142	-0.04876	
-0.92092	-0.69623	-0.2439	0.04281	-0.03692	-0.01054	-0.00543	-0.25553	-0.24519	
-0.64642	-0.01146	-0.18189	0.09678	0.15703	0.153	0.07974	0.11633	0.01742	
-0.60067	-0.69131	-0.80073	0.17472	0.23233	0.21024	0.12344	-0.11165	-0.11855	
-1.19931	-0.40311	-0.5268	0.99522	0.73238	0.92587	0.75278	-0.11789	-0.29	
-1.14587	-0.94935	-0.95398	1.01996	0.77345	0.98191	1.02149	0.12448	0.10674	
-1.08115	-0.63722	-0.66025	0.14218	0.13624	0.15872	0.16766	0.21571	0.14435	
-0.43442	-0.25663	-0.14896	0.36481	0.35531	0.30555	0.31904	-0.08967	-0.13846	
-0.49487	-0.16389	0.04272	0.30629	0.16322	0.2943	0.2696	-0.25931	-0.27061	
-0.03546	-0.19555	-0.3941	0.33498	0.24647	0.29162	0.21037	-0.23428	-0.18902	
-0.45072	-0.19592	-0.35272	0.3079	0.28302	0.29378	0.35805	-0.05188	-0.03683	
-0.7066	-0.48626	-0.52216	0.35096	0.28828	0.28923	0.26384	-0.18649	-0.1763	
-0.30445	-0.09407	-0.22901	0.34819	0.32685	0.28968	0.28434	-0.3608	-0.31956	
-0.46344	-0.50846	-0.53487	0.34983	0.44474	0.42997	0.38446	-0.34737	-0.32133	
-0.61723	-0.51566	-0.55152	0.28136	0.24911	0.45819	0.36516	0.00249	-0.0992	
-0.88621	-0.50952	-0.49544	0.36314	0.29049	0.36033	0.36669	0.14581	0.02769	
-0.67111	-0.48376	-0.52745	-0.10193	0.00939	-0.04335	-0.02882	-0.07435	-0.03975	
-0.22466	0.13172	-0.1413	0.2671	0.24309	0.20841	0.2826	-0.19879	-0.22355	
-0.53501	-0.19409	-0.17688	0.14921	0.14236	0.08169	0.27984	0.0952	-0.01298	
-0.29211	-0.164	-0.1876	0.31685	0.41244	0.3754	0.41616	-0.33599	-0.34464	
-0.67565	-0.59502	-0.66282	0.1053	0.00446	0.09106	0.03627	-0.30592	-0.22555	
-0.10318	0.15066	-0.0378	0.09973	0.14511	0.11129	-0.01458	-0.00333	-0.00897	
-0.71856	-1.05176	-0.96545	0.02233	0.01761	0.11589	-0.02967	-0.02474	-0.10593	
0.44894	0.44908	0.35821	0.82639	0.93945	0.87942	0.75472	0.15376	0.15846	
-0.36772	-0.06312	-0.04522	0.21688	0.19092	0.26867	0.20726	-0.27676	-0.28308	
0.06492	-0.10793	-0.14781	0.1751	0.06082	0.1503	0.06118	-0.17739	-0.07929	
-0.71789	-0.36527	-0.43533	0.1156	-0.02791	0.03265	0.06272	-0.25238	-0.05612	
-0.26605	0.26936	0.27854	0.23689	0.19293	0.33697	0.32206	-0.03904	-0.01563	
-0.77183	-0.53874	-0.79618	-0.17309	-0.06143	-0.6807	0.15402	0.11048	-0.23653	
-0.03055	0.16177	0.18932	0.15053	0.13813	0.11389	0.23611	-0.0569	-0.02442	
-0.63354	-0.5061	-0.56044	0.35217	0.29777	0.31403	0.34609	-0.17824	-0.11667	
-0.05304	-0.08649	-0.03109	-0.02578	0.06019	-4.00E-04	0.16391	-0.10521	-0.09368	
-0.40586	-0.6304	-0.38269	0.31684	0.34668	0.35866	0.33705	-0.2012	-0.20107	
-0.2667	-0.02938	-0.04102	0.20424	0.32819	0.16727	0.20133	-0.0933	-0.14457	
0.19167	-0.08077	-0.23895	-0.05507	0.21868	0.06459	0.19197	0.33694	0.22991	
0.2124	0.45609	0.25179	1.08658	0.90563	0.9989	0.98477	-0.09646	-0.17617	

m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
-0.17592	-0.17186	-0.0701	-0.01307	-0.03049	-0.00597	0.40372	0.45786	0.36586
-0.52428	-0.59473	-0.50005	-0.25076	-0.33095	-0.32193	1.22406	1.29159	1.29983
0.05661	0.02407	-0.1723	-0.14074	-0.13548	-0.03675	0.12023	0.24693	0.26514
0.02695	0.02997	-0.23932	-0.19967	-0.1568	-0.1299	0.22316	0.16	0.12382
-0.00286	-0.0209	0.05952	0.12827	0.03056	0.03844	0.47573	0.45514	0.38147
0.21044	0.13521	-0.35669	-0.29326	-0.29337	-0.29295	0.88043	0.91794	0.92178
-0.07702	-0.16193	-0.38463	-0.26554	-0.39034	-0.29065	1.01894	1.1068	0.99616
-0.06878	0.01359	0.05051	0.04263	0.10732	0.08061	0.22403	0.22775	0.23034
0.10705	-0.0331	-0.11525	-0.08031	-0.01443	0.02226	0.35939	0.31776	0.28189
-0.17413	-0.08653	-0.08132	-0.16954	-0.05736	-0.10715	0.42584	0.36347	0.38114
-0.12106	-0.15645	-0.13696	0.1449	0.05813	0.03917	0.19924	0.22411	0.23376
0.10549	-0.09102	-0.04873	-0.04242	-0.04328	-0.01408	0.0488	0.14928	0.09868
-0.03763	-0.03425	-0.05259	0.07358	0.06112	0.04056	0.16673	0.26946	0.24656
-0.12021	-0.1415	-0.47782	-0.24144	-0.40122	-0.24382	1.02122	0.94349	0.97716
0.10607	0.02324	-0.17479	-0.19719	-0.1861	-0.21398	0.34102	0.39787	0.26737
0.20186	0.12469	-0.42439	-0.39364	-0.4352	-0.38294	-0.04475	0.04077	-0.08743
-0.064	-0.0743	-0.03058	0.14301	0.06918	0.03276	0.47052	0.57123	0.46567
-0.1578	-0.30463	-0.00416	0.07204	0.08683	0.05568	0.18763	0.31863	0.241
-0.21181	-0.23005	-0.12131	-0.07039	0.03156	-0.1015	0.21862	0.3109	0.31314
0.01409	-0.08773	-0.52659	-0.57272	-0.49635	-0.55721	0.30228	0.13209	0.30415
-0.14611	-0.1266	-0.16019	-0.09075	0.00633	-0.08111	0.31951	0.34544	0.3532
-0.28744	-0.27256	-0.16669	-0.03301	-0.00933	-0.08984	0.26881	0.42661	0.70732
-0.3505	-0.35623	-0.32519	-0.2907	-0.25246	-0.27288	0.86451	0.93319	0.84738
-0.02745	-0.10225	-0.04416	-0.0919	-0.06606	-0.10676	0.48108	0.54563	0.53648
0.14419	-0.01561	-0.18731	-0.11445	-0.16637	-0.12778	0.53936	0.54692	0.60331
-0.07564	-0.05431	0.08347	0.01959	0.05038	0.0366	0.05175	0.08094	0.07191
-0.17999	-0.29902	0.01321	0.05542	0.02044	0.03481	0.22924	0.32884	0.22296
0.15263	0.05328	-0.23036	-0.12479	-0.22563	-0.11211	0.23311	0.22419	0.22184
-0.35782	-0.29346	-0.0479	-0.05772	-0.0703	-0.04476	0.84805	0.93299	0.95054
-0.03079	-0.32211	0.07958	0.16897	0.10413	0.11027	0.11994	0.05612	0.03788
0.10837	-0.03497	-0.05652	0.08367	0.04726	0.02765	-0.04236	-0.04858	-0.02691
-0.05346	0.03384	-0.1712	-0.06643	-0.00139	-0.0063	0.13797	-0.02356	0.0456
0.19034	0.13918	-0.49194	-0.42143	-0.37535	-0.39281	1.06691	1.14935	1.11046
-0.25393	-0.19587	0.024	-0.00707	-0.01994	-0.01153	0.1024	0.24001	0.20988
-0.11404	-0.07968	-0.12586	-0.05484	-0.0784	0.00812	0.16732	0.11534	0.1318
-0.12292	-0.10522	-0.14903	-0.06646	-0.19646	-0.08764	0.11307	-0.02387	0.13796
0.05337	0.03329	0.14061	-0.00979	0.07889	0.02861	0.0365	-0.02479	0.11957
0.29444	-0.50632	-0.44017	0.21305	0.31986	-0.22985	0.14347	0.20021	-0.34308
-5.00E-04	0.03731	0.00989	-0.1117	-0.03961	-0.03635	0.37357	0.38625	0.3006
-0.11604	-0.1289	0.0672	0.04334	-0.00226	0.06582	0.20836	0.17436	0.15612
-0.02135	0.00883	0.09817	-0.00808	0.04029	0.05613	0.0224	0.08379	0.02299
-0.17616	-0.11666	-0.16864	-0.16487	-0.13573	-0.15484	0.38186	0.44285	0.44469
-0.04606	-0.14416	0.00252	0.05746	0.08669	0.08197	0.25281	0.2204	0.30219
0.18843	0.23673	-0.0428	-0.16197	-0.02964	-0.15525	0.03149	-0.03677	0.00858
-0.08904	-0.11724	-0.11098	-0.0351	-0.12645	-0.01688	0.69449	0.69938	0.57355

m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
0.52927	-0.12514	-0.21469	-0.11442	-0.02794	0.32862	0.21827	0.39775	0.27927
1.2105	-0.34775	-0.4547	-0.408	-0.41	0.54572	0.61629	0.42278	0.52423
0.11245	-0.04648	-0.1491	-0.01229	-0.11009	0.09244	0.20879	0.11155	0.19682
0.23722	0.01956	-0.07698	0.09757	0.08851	0.00322	0.04866	-0.01668	0.09412
0.40236	-0.02396	0.11993	-0.01986	0.06615	0.3549	0.33805	0.40442	0.27939
0.94515	0.15208	0.07573	0.13017	0.10542	0.3865	0.40531	0.35091	0.44203
1.10084	-0.05608	-0.1873	-0.09577	-0.16514	0.31928	0.23514	0.5122	0.24266
0.16594	-0.0623	-0.04064	0.00203	0.01889	0.18408	0.12477	0.2042	0.14811
0.40044	0.08248	0.10613	0.13883	0.15937	0.29797	0.2723	0.28788	0.39332
0.29747	-0.14204	-0.0824	-0.13952	-0.0544	0.15906	0.09846	0.22909	0.13078
0.19063	-0.14529	-0.1928	-0.08855	-0.15326	0.24007	0.29298	0.28086	0.19509
0.21573	-0.12074	-0.00128	-0.11219	-0.1546	0.06594	0.00414	-0.00573	0.03441
0.15249	0.01576	-0.03502	-0.00319	-0.06496	0.11466	0.29529	0.3724	0.22267
0.98372	-0.09232	-0.22613	-0.04403	-0.18484	0.16828	0.42508	0.14187	0.46644
0.39379	0.1149	0.14027	0.02911	0.06862	-0.0402	0.10364	0.18486	0.15068
0.04102	0.30215	0.18964	0.24097	0.18984	0.05003	0.06318	0.15625	0.1552
0.51778	0.0439	-0.0934	-0.03548	-0.13803	0.07357	0.07973	0.09281	0.09154
0.3097	-0.23872	-0.1648	-0.18731	-0.18555	0.08108	0.05955	0.05763	0.08453
0.3146	-0.16495	-0.1508	-0.1322	-0.09255	0.13318	0.11327	0.07085	0.16799
0.12845	-0.49027	-0.48989	-0.4575	-0.38017	-0.34617	-0.16045	-0.36746	-0.13068
0.39502	-0.06082	-0.11801	-0.05726	-0.13461	0.091	0.09813	-0.01559	0.12043
0.36811	-0.25112	-0.18186	-0.13322	-0.17155	0.22632	0.23615	0.22183	0.27981
0.94011	-0.14833	-0.08505	-0.16837	-0.11105	0.7264	0.63093	0.93373	0.66334
0.55967	-0.00364	0.02548	-0.14149	0.05101	0.11625	0.18233	0.13134	0.146
0.53526	-0.03541	-0.04549	-0.0318	0.02667	0.07798	0.15676	0.00949	0.17554
0.10369	-0.01709	0.03728	-0.11214	-0.01381	0.23399	0.12759	0.40565	0.19421
0.2652	-0.10304	-0.19974	-0.16443	-0.22227	-0.06809	-0.04006	-0.05797	-0.03619
0.28773	0.07529	-0.20349	0.06068	-0.15381	-0.02874	0.07723	-0.01395	0.11343
0.97726	0.01663	-0.02801	-0.08141	-9.70E-04	0.35198	0.32213	0.6501	0.32477
0.09161	-0.3293	-0.16682	-0.05031	-0.21166	-0.04327	0.10482	0.00449	0.13648
-0.11958	-0.06677	-0.06886	0.00352	-0.05233	0.03746	0.08924	-0.11175	0.10213
0.03735	-0.03743	-0.09104	-0.021	0.01765	0.0829	0.17488	-0.16594	-0.02898
1.05453	-0.08244	0.00486	-0.02445	-0.05133	0.58512	0.5203	0.49468	0.47771
0.20271	-0.10211	-0.19084	-0.09587	-0.12074	-0.13497	-0.05881	-0.05135	-0.08597
0.06792	-0.12862	-0.10072	-0.03341	-0.07503	0.03163	0.01311	-0.04977	0.01162
0.05096	-0.18092	-0.22119	0.00637	-0.10075	-0.16836	-0.15063	-0.14418	-0.08238
0.01582	-0.13826	-0.05334	-0.0444	-0.00837	0.03165	0.13977	-0.04853	0.14358
-0.23587	0.14265	-0.28682	-0.34136	-0.51159	0.02163	0.09242	-0.39701	0.06577
0.37461	-0.1117	-0.0657	-0.09984	0.01028	0.25767	0.02675	0.24892	0.1752
0.1276	-0.07486	-0.09248	-0.06894	-0.03203	0.10982	0.09942	0.14048	0.12347
0.19054	-0.06701	-0.1457	-0.07146	0.01264	0.05578	0.00743	0.38201	-0.00567
0.40148	0.15055	0.04233	0.17752	0.07281	0.293	0.40655	0.31299	0.34217
0.21748	-0.11637	-0.11409	-0.03584	-0.10671	0.24764	0.28516	0.20019	0.28948
0.11811	-0.0691	-0.00997	-0.01422	0.03661	0.0453	-0.13129	0.01662	-0.05574
0.67174	-0.39548	-0.41634	-0.36314	-0.29988	0.16994	0.11576	0.14589	0.17219

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Probe ID	GenBank #	Sequence	Correlation	Magnitude	SNR	m_liver_lov	m_liver_lov	m_liver_lov
A_42_P71	BM390469	RGD15645	0.94959	0.70512	7.35555	-0.53501	-0.27408	-0.29289
A_43_P14	NM_03151	Interleukin	0.945	1.73401	12.42093	-0.70994	-0.85268	-0.95315
A_42_P68	BF553164	Transcribed	0.94423	1.70799	12.57691	-1.18154	-1.12749	-1.10288
A_42_P59	AI233753	Transcribed	0.93165	0.74093	10.12518	-0.47954	-0.68938	-0.45584
A_43_P11	BM387331	Similar to F	0.93002	0.78605	8.97171	-0.56705	-0.42783	-0.45545
A_42_P54	AI231766	Single-stra	0.92513	0.69982	7.97485	-0.4982	-0.31664	-0.48173
A_43_P14	AI101395	Transcribed	0.91479	0.51581	7.82206	-0.21069	-0.2255	-0.26946
A_43_P14	AW142664	Transcribed	0.91011	0.77153	7.25556	-0.48747	-0.66724	-0.48764
A_43_P15	AW916118	Cyclin-depr	0.90891	0.709	7.77029	-0.50128	-0.30492	-0.27537
A_43_P11	BF284739	Transcribed	0.90776	1.37216	11.12965	-0.94353	-0.66498	-0.78985
A_43_P10	AI704353	Similar to p	0.90699	0.82983	11.86738	-0.21582	-0.40181	-0.42966
A_42_P81	AI104433	Similar to g	0.90629	0.72259	8.97092	-0.43387	-0.25875	-0.3755
A_43_P17	AW532061	Helicase w	0.90512	1.13477	9.6133	-0.69768	-0.62556	-0.51194
A_42_P64	NM_03151	Interleukin	0.90396	1.44416	12.12526	-0.70484	-0.54414	-0.88939
A_42_P66	AI599938	Deleted in	0.90318	1.18555	9.14365	-0.63671	-0.27531	-0.43101
A_42_P66	BF550967	LSM7 hom	0.90286	0.60472	9.15209	-0.25172	-0.26545	-0.4184
A_42_P84	AI144944	Fukuyama	0.89865	0.67391	6.35389	-0.74704	-0.21869	-0.49094
A_43_P14	NM_01301	Protein tyrc	0.89561	1.20228	12.47525	-0.59807	-0.45685	-0.6899
A_42_P79	BF556066	LSM8 hom	0.89164	1.11851	7.00897	-0.63134	-0.27439	-0.84623
A_43_P12	NM_02254	Translocas	0.8905	0.45013	8.84367	-0.28384	-0.21096	-0.232
A_42_P58	BE112026	Transcribed	0.88996	0.73901	9.22532	-0.63037	-0.36755	-0.55107
A_42_P64	NM_01962	Zinc finger	0.88974	0.8383	8.14488	-0.74844	-0.65842	-0.56598
A_43_P14	AA874896	Similar to F	0.88857	0.90874	10.37797	-0.60395	-0.26054	-0.29265
A_42_P73	AI176879	Transcribed	0.88552	1.32676	12.36422	-0.57806	-0.57482	-0.91114
A_42_P56	NM_01301	Protein tyrc	0.88467	1.14434	13.70751	-0.35386	-0.35397	-0.76351
A_43_P10	BF397678	Transcribed	0.88351	1.7261	14.88353	-1.15291	-0.96079	-1.24174
A_42_P56	AI548424	Transcribed	0.8833	0.58903	7.62509	-0.31859	-0.40238	-0.30095
A_42_P57	BG374304	Transcribed	0.88106	0.72804	6.32042	-0.44942	-0.43402	-0.58371
A_42_P76	AI071605	Mitochondr	0.8806	0.66181	9.59264	-0.35235	-0.47293	-0.26885
A_42_P57	BM386790	Transcribed	0.87844	0.56645	8.66864	-0.38464	-0.46138	-0.43701
A_42_P52	BQ199380	Similar to a	0.87805	1.28426	11.23402	-0.60752	-0.43945	-0.56663
A_42_P62	AA944385	Transcribed	0.87689	0.58791	6.21679	-0.67513	-0.53606	-0.22267
A_42_P75	AA956059	Transcribed	0.87666	1.69099	12.75155	-1.37282	-0.72712	-1.18348
A_42_P64	AW532762	Similar to c	0.87521	1.01522	10.69644	-0.40524	-0.23302	-0.3132
A_42_P54	AA926087	Complexin	0.87401	0.58103	5.39568	-0.60042	-0.36299	-0.39005
A_43_P15	NM_01720	Lipopolysa	0.87322	1.42758	10.928	-0.87729	-0.67135	-0.6415
A_43_P10	BQ199734	Transcribed	0.87219	0.53061	7.92811	-0.13876	-0.108859	-0.34471
A_42_P70	BF403819	Signal seq	0.87214	0.91724	6.33866	-1.15598	-0.69327	-0.33883
A_42_P54	BG671895	Data not fo	0.87152	0.65545	8.20891	-0.59507	-0.31438	-0.22095
A_42_P80	AI176554	Transcribed	0.87074	1.00869	12.43448	-0.47224	-0.35059	-0.32357
A_42_P75	AI236523	Similar to s	0.87014	0.74835	8.3885	-0.19496	-0.38925	-0.34474
A_43_P15	BE108550	Data not fo	0.86888	0.88347	9.06486	-0.29158	-0.28537	-0.34658
A_43_P16	BQ191086	Similar to F	0.86622	1.12751	15.51955	-0.67811	-0.57652	-0.37111
A_42_P63	NM_03165	Syntaxin 8	0.86442	0.64715	7.52804	-0.51956	-0.15353	-0.31422
A_42_P74	AA875129	Similar to e	0.86258	1.06536	8.10974	-0.82261	-0.40895	-0.50509
A_43_P14	BF408129	Transcribed	0.86233	0.55497	4.22904	-0.45511	-0.04703	-0.27262
A_42_P47	AI104594	Similar to F	0.86055	0.49948	7.01347	-0.34034	-0.20881	-0.39617
A_43_P15	NM_02448	CDK5 regu	0.85941	0.75237	10.24729	-0.18304	-0.27445	-0.42141
A_42_P46	AW919823	Similar to s	0.85798	0.73618	6.51765	-0.41511	-0.19672	-0.12567
A_42_P71	AW535924	Transcribed	0.85636	0.65181	4.74421	-0.55241	0.10753	-0.25608
A_42_P51	NM_01925	Dolichol-ph	0.85109	0.936	12.93377	-0.45941	-0.35302	-0.21635

m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov
-0.36187	-0.06861	0.06861	-0.15835	0.07691	0.27634	0.16262	0.07824	0.08113
-0.9135	0.03572	0.12972	-0.27667	-0.17266	0.20254	0.23802	0.02538	0.37594
-0.94178	0.14862	0.49777	0.11039	0.2507	0.62627	0.46005	0.32504	0.38082
-0.40366	-0.15162	-0.09492	-0.08798	0.08726	0.06618	0.18267	-0.04801	-0.05905
-0.38104	-0.16888	-0.00837	-0.078	0.01705	0.00634	0.06918	-0.16084	-0.02207
-0.3857	-0.12901	-0.08819	-0.14425	0.12943	0.0519	0.21362	-0.0718	0.00525
-0.31865	0.0063	0.05929	-0.06893	0.0388	0.14177	0.27395	0.09683	0.09503
-0.45392	-0.16959	-0.08635	-0.21885	0.05634	0.09313	0.34254	-0.04252	-0.12533
-0.30627	-0.0396	0.1769	-0.05425	-0.03474	0.07734	0.07492	0.10484	0.13743
-0.79096	-0.24369	0.16743	0.2546	-0.25187	0.1777	-0.07825	-0.372	0.16864
-0.36487	0.01542	0.0554	0.08342	0.20817	0.0685	0.19383	-0.02504	0.16135
-0.27347	-0.15255	0.03935	0.04913	0.13034	0.09385	0.09685	-0.09732	-0.02755
-0.69091	-0.37038	0.34771	0.05784	-0.0796	0.24098	0.6151	0.37106	0.18508
-0.64674	-0.02909	-0.02609	-0.02178	0.10522	0.26391	0.4074	0.30186	0.30719
-0.43018	-0.47632	0.02299	-0.20178	-0.083	0.09244	0.22378	-0.01582	0.22528
-0.26202	-0.09963	0.06135	0.01206	0.09005	0.07599	0.03296	0.09589	0.08354
-0.3666	-0.00663	0.01685	-0.04002	-0.09667	0.20476	0.04076	0.08211	0.13707
-0.65916	-0.21224	-0.08832	0.08591	-0.017648	0.20407	0.37447	0.28643	0.14141
-0.56062	0.11626	0.09869	0.24708	0.05763	0.3445	-0.00531	-0.02554	-0.1059
-0.23404	-0.04299	0.07895	-0.02811	0.06861	0.0281	0.13991	0.04226	-0.09778
-0.47832	0.09745	-0.06666	-0.05628	0.09466	0.2357	0.12656	0.00595	0.1084
-0.65336	-0.06429	0.09625	-0.10293	-0.14636	0.15531	0.15221	-0.19999	-0.00591
-0.51365	-0.05187	0.12709	0.17461	0.01883	0.12334	0.33778	0.17625	0.31424
-0.74482	0.02403	-0.04872	0.07018	0.11338	0.4081	0.53769	0.18932	0.65101
-0.70231	-0.04054	-0.11323	0.0963	0.05303	0.18933	0.38198	0.19789	0.22069
-1.19205	-0.37642	0.09554	-0.29843	-0.37708	0.29214	0.26323	0.11994	0.28244
-0.3088	-0.0887	-0.01895	-0.26303	0.0129	0.04038	0.27343	-0.0448	0.05047
-0.34309	0.25024	-0.02833	0.046	0.19337	0.10246	-0.02284	-0.06345	-0.09734
-0.34712	-0.01644	0.12347	0.21917	0.31906	0.09597	0.28192	-0.04739	0.13935
-0.4072	-0.00155	-0.05167	0.04882	0.04887	0.05096	0.15827	-0.00963	0.04731
-0.32065	-0.24782	0.16485	0.29443	0.00766	0.17851	0.02495	0.08526	0.12587
-0.39014	-0.09965	0.2268	-0.005	0.11742	0.0257	0.26981	0.0083	-0.16117
-1.1123	-0.21208	0.01826	-0.41084	-0.37956	0.47	0.24219	0.27276	0.10168
-0.30661	0.12262	0.19892	0.24933	0.22174	0.3901	0.33037	0.33831	0.17008
-0.28053	-0.12163	-0.04704	-0.05897	0.17326	0.04284	0.21788	-0.04685	0.0325
-1.01265	-0.30426	-0.14314	-0.52041	-0.3426	0.11527	0.25109	-0.08382	0.23305
-0.26293	-0.13843	0.03066	0.02534	-0.02005	0.11694	0.232	0.19332	0.10136
-0.75427	-0.35616	0.35157	0.13916	-0.0511	7.20E-04	0.08885	0.19724	-0.25937
-0.29342	-0.00855	0.11935	0.10974	0.12964	0.09559	0.20292	0.04286	-0.05527
-0.28964	-0.04329	-0.00979	-0.22618	-0.15495	0.18279	0.19539	0.04606	0.18526
-0.1949	0.0023	0.23506	0.18576	0.32524	0.31009	0.20359	0.08235	0.20042
-0.39794	0.0389	0.12283	-0.08905	-0.13752	0.06373	0.09296	0.33803	0.13754
-0.43964	0.17536	0.16482	0.14992	0.34068	-0.12794	-0.00548	-0.18424	-0.12211
-0.33043	0.04651	0.04275	0.19123	0.23009	0.16218	0.1236	-0.03621	-0.02837
-0.77643	-0.00128	0.2882	0.36035	0.19916	0.0368	0.06371	0.03747	-0.18459
-0.21402	0.13858	0.32725	0.06539	-0.28709	0.23231	0.25192	0.01722	0.31165
-0.34126	-0.12272	0.09545	0.07597	-0.07441	-2.60E-04	0.17479	0.01468	-0.03769
-0.25535	0.06348	0.10294	0.15438	0.19181	0.13744	0.18003	0.00573	0.12288
-0.14008	-0.04304	0.19759	0.28958	0.3933	0.247	0.30698	0.09463	0.09254
-0.36486	-0.24534	0.09741	0.05131	0.13476	0.30916	0.1626	0.24749	0.351
-0.15631	0.14378	0.16307	0.29784	0.30003	0.23868	0.4841	0.31725	0.17322

m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç
0.02041	-0.02882	-0.16958	-0.09377	0.29053	0.47866	0.22735	0.36008	0.65274
-0.49922	-0.38996	-0.70854	-0.61168	0.44224	0.6481	0.50683	0.38973	1.20462
-0.74079	-0.74638	-0.84722	-0.58205	0.71001	0.89972	0.35254	0.516	0.93809
-0.22035	-0.20612	-0.2	-0.19394	0.15059	0.25189	0.10356	0.15206	0.33306
-0.04627	-0.11498	-0.28806	-0.10882	0.24025	0.30023	0.20431	0.26569	0.63007
-0.18634	-0.25184	-0.38885	-0.40022	0.16095	0.0388	0.05232	0.21315	0.53001
-0.16894	-0.13207	-0.28655	-0.22131	0.27021	0.20089	0.02516	0.1747	0.4082
-0.02811	-0.26238	-0.32887	-0.1774	0.13377	0.04441	0.00358	0.30647	0.56499
-0.13677	-0.1371	-0.02812	0.06391	0.30074	0.39401	0.20982	0.25292	0.59517
-0.4148	-0.75946	-0.92594	-0.86576	0.29052	0.38226	0.34502	0.34536	0.60011
-0.1008	-0.14863	-0.185	-0.14334	0.3362	0.28363	0.40762	0.47171	0.53415
0.08876	0.15011	-0.08317	0.03134	0.19882	0.26436	0.35272	0.35921	0.62441
-0.47621	-0.25476	-0.47039	-0.55384	0.07469	0.26421	0.13113	-0.00718	0.86534
-0.19173	-0.37849	-0.63331	-0.50148	0.32099	-0.0444	0.55505	0.68613	0.88112
-0.08964	-4.10E-04	-0.04839	0.01296	0.40714	0.42435	0.53276	0.49872	1.11482
0.0719	-0.04769	-0.04711	0.09952	0.21145	0.34746	0.30453	0.35786	0.3627
-0.40907	-0.29323	-0.57088	-0.41094	0.09761	0.21666	0.07783	0.07468	0.52433
-0.31948	-0.30149	-0.72425	-0.49864	0.41651	0.10527	0.58933	0.56321	0.71447
-0.52755	-0.15794	-0.42221	-0.27553	0.2613	0.45644	0.60015	0.84358	0.74736
-0.20645	-0.16583	-0.19864	-0.26031	0.04947	0.00392	0.14802	0.15143	0.28946
-0.14879	-0.24082	-0.51477	-0.28392	0.08173	0.04145	-0.06025	-0.05172	0.39239
-0.64569	-0.55599	-0.52428	-0.53381	0.19802	0.20232	-0.18815	-0.19122	0.45255
-0.00885	0.05897	-0.01878	-0.19463	0.3635	0.60197	0.51562	0.42681	0.5878
0.06905	-0.26073	-0.2218	-0.20775	0.28498	-0.0606	0.31705	0.30571	0.62723
-0.42511	-0.30843	-0.62645	-0.61462	0.36525	0.38437	0.53318	0.53234	0.67935
-0.3924	-0.34557	-0.2908	-0.34664	0.01691	0.25652	-0.21636	-0.26643	0.96418
-0.05406	-0.23821	-0.28339	-0.14533	0.15363	-0.05336	7.70E-04	0.11131	0.51302
-0.37882	-0.34929	-0.75844	-0.31799	0.18938	0.23764	0.3188	0.3561	0.37018
-0.0132	-0.06444	-0.1385	-0.13699	0.27725	0.24617	0.29206	0.39049	0.30264
-0.20729	-0.3566	-0.43136	-0.31974	0.11115	0.14913	0.08492	0.05986	0.14374
-0.1803	0.02921	-0.18862	-0.03971	0.30937	0.30696	0.48156	0.6383	1.00317
-0.32449	-0.4354	-0.37261	-0.27063	0.10338	0.15275	0.02365	0.05731	0.33312
-0.42566	-0.23159	-0.48161	-0.33237	0.00913	0.10338	-0.19816	-0.13154	1.05557
0.01402	0.20804	-0.11041	0.13315	0.52759	0.72988	0.63916	0.79002	0.95236
-0.26218	-0.40442	-0.45646	-0.30289	0.04597	-0.21253	-0.02037	0.27039	0.65313
-0.46794	-0.58672	-0.72872	-0.81132	0.32248	0.22463	0.01048	0.02516	0.8478
-0.00107	-0.04513	-0.11566	-0.06473	0.13583	0.10676	0.14539	0.15895	0.42373
-0.58367	-0.20496	-0.26422	-0.54073	-0.06004	0.19019	0.25361	0.00829	0.22125
0.0189	0.05412	0.00244	0.07843	0.19836	0.23331	0.35993	0.30973	0.42875
-0.17358	-0.1935	-0.33441	-0.18995	0.50662	0.5143	0.28503	0.39286	0.88945
-0.06523	-0.01728	-0.23931	-0.05148	0.30583	0.20227	0.55815	0.55004	0.63042
-0.45663	-0.26851	-0.41241	-0.18223	0.27513	0.29081	0.173	0.20642	0.53163
-0.40132	-0.44385	-0.3556	-0.36298	0.58822	0.50474	0.62963	0.72205	0.70299
-0.1366	-0.08294	-0.28297	-0.20932	0.2114	0.24466	0.35911	0.4557	0.45163
-0.15922	0.05341	-0.40234	-0.23543	0.0352	0.48531	0.50448	0.33746	0.6159
-0.10746	-0.12896	-0.1971	-0.00673	0.17028	0.34112	0.22699	0.03342	0.65232
-0.05362	-0.08843	-0.10469	-0.31687	0.19644	0.03242	0.17317	0.10443	0.19427
-0.26431	-0.0527	-0.28422	-0.13821	0.45188	0.38543	0.31759	0.40517	0.79159
0.09926	0.12745	0.01248	-0.02047	0.38912	0.55938	0.56097	0.55768	0.78124
-0.12147	-0.00822	-0.34908	-0.34176	0.17141	0.05749	0.43756	0.4665	0.75684
0.21871	0.09452	0.08889	0.21259	0.61817	0.59731	0.58025	0.58537	0.80588

m_liver_hiç	m_liver_hiç	m_liver_hiç	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
-0.05747	0.35461	0.26377	-0.01642	-0.06461	-0.00393	-0.00296	0.08134	-0.03473
0.34683	0.9367	1.01864	0.01065	-0.36695	-0.05345	-0.1068	0.11253	-0.01365
-0.27388	0.53653	0.54168	-0.07338	-0.04936	-0.12302	-0.01007	0.13629	0.04292
0.02629	0.22734	0.18439	-0.18211	-0.07959	-0.17128	-0.18004	-0.01955	-0.10435
-0.10187	0.47764	0.307	-0.02723	0.06869	-0.12629	-0.03921	0.07192	-0.12552
-0.127	0.42478	0.2892	-0.03795	0.07695	-0.03221	-0.04406	0.01494	-0.04708
0.24433	0.31598	0.07041	-0.0456	0.05227	-0.03109	-0.05176	0.15955	0.02953
-0.06032	0.09765	0.21322	-0.12903	-0.19874	-0.21317	-0.08107	-0.09222	-0.19881
-0.07726	0.45876	0.4715	-0.24882	-0.25945	-0.09953	-0.11198	0.22873	0.06657
0.28272	0.68679	0.7297	-0.23757	-0.26933	-0.13369	-0.13647	0.23233	0.13704
0.16199	0.59974	0.61129	-0.00589	0.08524	0.012	-0.00485	0.12982	0.02897
-0.06696	0.5854	0.40592	0.09245	0.12544	0.05096	0.06599	0.08485	-0.03038
0.09454	0.56678	0.48634	-0.00912	0.04572	-0.01473	0.07335	-0.01463	-0.02904
0.31631	0.81108	0.98302	-0.1375	-0.06449	-0.15938	-0.10636	-0.07864	0.07363
0.05634	1.11294	0.68489	0.06213	-0.15442	0.07339	0.02961	0.04022	-0.17595
0.01231	0.45101	0.25884	0.0367	-0.10618	0.00727	-0.05309	0.01523	0.04736
-0.27765	0.36291	0.26278	-0.02489	-0.25808	-0.08645	-0.0357	0.17199	0.04085
0.4598	0.60187	0.62899	-0.21544	-0.26609	-0.32154	-0.27266	0.16331	0.22326
-0.14412	0.42362	0.35486	0.10464	-0.22834	0.09932	-0.08213	-0.24425	0.00258
0.11255	0.22938	0.20831	0.01695	0.04509	0.02246	0.1028	0.11706	0.00342
0.01854	0.28334	0.23447	-0.07896	-0.03001	-0.01123	-0.03405	0.21185	0.0731
-0.15206	0.10696	0.31954	-0.05855	0.00444	-0.07489	-0.02673	-0.02613	-0.0457
0.25944	0.66407	0.45286	-0.20301	-0.34148	-0.24125	-0.28913	0.06473	0.01924
0.4198	0.65124	0.79993	-0.08668	-0.08726	-0.07061	0.00429	0.13432	0.0066
0.49925	0.6762	0.5489	-0.35415	-0.43948	-0.29281	-0.31693	0.24785	0.2547
0.14116	0.68891	0.56265	-0.03326	0.09846	-0.04821	-0.03746	0.0683	0.00499
0.0299	0.21954	0.26294	-0.09964	0.01755	-0.09199	0.01134	0.08922	0.04767
-0.22623	0.1925	0.26776	0.00562	-0.3654	-0.08246	-0.03408	-0.00646	-0.21843
-0.00103	0.10795	-0.01954	-0.06972	0.05258	-0.08235	-0.06073	0.14843	0.08077
0.18532	0.09642	0.0123	-0.11775	-0.4488	-0.12488	-0.15122	0.0445	-0.01177
0.4102	1.06811	0.72131	-0.04512	-0.1822	-0.13439	-0.18467	0.24569	0.14645
-0.0709	0.17841	0.01322	-0.00485	-0.11432	-0.07191	0.03148	0.17567	0.06685
0.0406	0.67047	0.60161	-0.05632	0.05716	-0.07214	-0.01586	0.16086	0.05813
0.31706	0.84415	0.68924	-0.19071	-0.1205	-0.03509	-0.06204	0.15993	0.06471
-0.20621	0.16777	0.07545	-0.07573	0.07665	-0.01166	0.01964	-0.05263	-0.00574
0.457	0.57692	0.62581	0.15507	-0.06599	0.06033	0.10323	-0.1272	-0.06862
-0.00925	0.31979	0.5329	-0.03101	-0.06513	-0.04884	-0.01421	0.00202	-0.08863
-0.00622	0.29376	0.2178	-0.30143	-0.16236	-0.31185	-0.17648	4.00E-05	-0.07535
0.13114	0.40085	0.23723	-0.05169	-0.15897	-0.03425	0.01316	0.20276	-0.02192
0.36062	0.73601	0.61264	0.03079	-0.12252	0.02542	0.00682	0.11554	0.0576
0.0453	0.53611	0.65771	0.00368	0.08145	0.04166	0.06291	0.10561	0.03331
0.20169	0.71781	0.76128	-0.08344	-0.39741	-0.12091	-0.16211	0.12719	-0.00523
0.30693	0.51175	0.55095	-0.07216	-0.12033	0.00847	0.02057	0.12551	-0.02907
-0.08242	0.37157	0.29419	-0.02813	0.06802	0.00653	-0.08789	0.08357	0.03369
0.11906	0.62728	0.38611	-0.01392	0.04078	-0.18308	-0.08134	0.23101	-0.00117
-0.06425	0.34471	0.29832	0.07897	-0.32919	0.00907	-0.04692	0.06352	0.11706
0.05208	0.10999	0.355	-0.04285	0.03432	-0.10268	-0.04845	0.10881	-0.05018
0.22891	0.49106	0.36366	-0.0872	-0.10313	-0.02663	0.0201	0.0304	-0.05854
0.04152	0.5278	0.49918	0.11266	0.29308	0.17099	0.13106	0.11893	-0.00983
-0.20584	0.49884	0.49157	-0.11375	-0.0976	-0.15023	-0.21967	-0.05835	-0.07214
0.65787	0.61006	0.4851	0.01868	-0.06684	0.06275	0.04775	0.20528	0.10007

m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
0.13066	0.02662	0.03435	0.12918	0.131	0.14663	-0.0793	4.90E-04	-0.05023
0.12474	0.0199	-0.01338	0.12989	0.12706	0.18985	-0.27065	-0.22187	-0.41384
0.22651	0.05597	0.18791	0.20398	0.2613	0.19017	-0.10883	0.06022	-0.04271
0.05423	-0.08669	0.01195	0.00816	-0.11955	-0.00768	-0.14446	-0.09036	-0.08114
0.03255	-0.06086	0.05752	-0.01323	0.06668	0.09374	-0.16437	-0.21621	-0.27181
0.08465	-0.06585	-0.01591	0.02536	0.05843	-0.01076	-0.11098	-0.04401	-0.02973
0.17451	0.03548	-0.0117	0.02834	0.06738	0.09316	-0.06643	-0.09145	-0.07107
-0.00823	-0.13116	-0.02673	0.05783	-0.0238	0.05715	-0.03009	-0.04468	-0.06694
0.25836	0.03238	0.02118	0.01069	0.02238	-0.0152	-0.14118	0.00225	-0.10763
0.31001	0.23295	0.01548	0.02511	0.0855	0.10662	-0.23257	-0.33798	-0.33613
0.16204	0.06039	0.04015	0.00397	0.08381	0.04033	-0.18181	-0.13941	-0.14423
0.08018	9.10E-04	-0.02742	-0.04728	-0.0178	0.00815	0.00712	0.08722	0.02708
0.13757	-0.00236	0.12452	0.1569	0.07531	0.07272	-0.01815	0.03783	0.01862
0.04617	0.02381	0.08711	0.11596	0.13393	0.11058	-0.24826	-0.12459	-0.14139
0.01389	0.03976	-0.09426	0.0442	0.04323	-0.03728	-0.03686	-0.04246	-0.05532
0.09524	0.09061	6.00E-04	0.05488	0.09653	1.80E-04	-0.05692	-0.07859	-0.01939
0.09829	0.0134	-0.15806	-0.05697	-0.09023	-0.07176	-0.16245	-0.14078	-0.24986
0.22797	0.28579	0.12813	0.2229	0.14844	0.20154	-0.39361	-0.41378	-0.34464
0.01849	-0.04204	0.09653	0.15633	-0.02058	0.13332	0.09657	0.08298	0.1803
0.08418	0.00941	-0.0259	0.02231	0.02465	-0.00408	-0.05042	0.02311	0.00978
0.14474	-0.01056	-0.0796	-0.12133	-0.05185	-0.0553	-0.1158	-0.06619	-0.20591
0.09236	-0.0113	-0.09323	0.01037	-0.03829	0.01774	-0.05707	-0.10489	-0.09864
0.13043	0.03715	0.07289	0.10101	0.08066	0.08457	-0.26803	-0.33631	-0.27402
0.13906	0.16691	0.00859	0.13675	0.02759	0.10627	0.06571	0.03767	0.03804
0.2776	0.26359	0.08187	0.08843	0.16265	0.11088	-0.43808	-0.47563	-0.43233
0.10634	0.03266	-0.16008	-0.19204	-0.12583	-0.0688	-0.01601	-0.12562	-0.10969
0.11013	0.08648	0.01439	0.03222	-0.03249	0.01438	-0.1104	-0.13783	-0.08138
-0.07569	-0.11351	-0.2069	0.04777	-0.03269	0.00722	-3.10E-04	-0.00335	-0.13409
0.16943	0.0663	-0.01998	-0.0254	0.00973	-0.02142	-0.07925	-0.02748	-0.07035
0.03185	-0.03664	0.08655	-0.00642	0.08805	0.09439	-0.23185	-0.14109	-0.23235
0.34599	0.2146	0.20291	0.2726	0.19821	0.23619	-0.32918	-0.33208	-0.38011
0.18129	0.10385	0.03441	0.13367	0.09103	0.10488	-0.14413	-0.15835	-0.15696
0.21646	0.05123	-0.07771	-0.11521	-0.11001	-0.07913	-0.09314	-0.08835	-0.09823
0.13547	0.02626	0.09287	0.02193	0.12749	0.02423	-0.11427	0.07942	-0.18234
0.01586	-0.04503	0.04822	0.06373	-0.06713	0.00591	0.01519	0.02428	0.04267
0.07735	0.02672	-0.37503	-0.09265	-0.07148	-0.0668	0.18664	-0.01829	0.01094
0.00932	-0.0242	0.05722	0.16644	0.11376	0.09216	0.00341	0.03787	0.07942
-0.0113	-0.13116	0.04546	0.07606	-0.01056	0.06856	-0.22243	-0.06052	-0.11516
0.20473	0.08111	-0.02223	0.02402	-0.0335	0.03374	-0.12881	0.01405	-0.10574
0.06179	-0.08493	-0.06719	-0.04619	-0.01908	-0.02959	0.03377	0.05849	0.07919
0.10602	0.01974	0.03705	0.02417	-0.02707	0.0484	-0.01126	0.03127	-4.30E-04
0.07071	-0.00192	-0.01364	-0.07981	-0.0422	0.05802	-0.09483	0.00164	-0.14315
0.1218	0.00188	0.02886	0.05537	0.05056	0.06967	-0.11797	-0.00937	-0.09718
0.04403	-0.04094	-0.00858	-0.01602	0.02203	-0.02745	-0.1441	-0.09752	-0.0853
0.10604	-0.12718	-0.0285	0.03242	-0.03496	-0.03949	-0.12428	-0.15407	-0.1952
0.00872	-0.0304	-0.04032	0.01036	-0.01258	0.06	-0.09737	-0.19306	-0.13868
0.04413	0.00846	-0.07118	0.00484	-0.03741	0.02144	-0.10517	-0.11282	-0.03763
-0.02105	0.03399	0.01945	0.08451	0.09601	0.04698	-0.12155	-0.1237	-0.09915
0.14809	-0.04677	-0.0581	0.06324	0.0867	0.04679	-0.06552	0.0212	0.07628
-0.01859	-0.15254	0.07597	0.11525	0.18198	0.20925	-0.14672	-0.12812	-0.15002
0.27166	0.21022	0.11659	0.11355	0.12776	0.08199	-0.0236	-0.01029	-0.1169

m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
0.04431	0.13015	-5.90E-04	0.1225	0.01217	0.12278	0.23384	0.09569	0.20814
-0.19886	0.20468	0.13438	0.32013	0.30906	0.07483	0.0734	-0.07369	0.20134
-0.01285	0.25946	0.1964	0.3402	0.20708	0.50325	0.61677	0.46899	0.53479
-0.06041	0.00442	-0.07226	-0.06077	0.00976	0.16156	0.19819	0.32846	0.24709
-0.08798	-0.03499	-0.02712	-0.00426	-0.0151	0.30366	0.29542	0.24613	0.27687
-0.0673	0.00649	-0.00582	0.00162	0.01004	0.19946	0.22658	0.14379	0.22863
-0.02568	0.08938	0.0549	0.09293	0.07057	0.084	0.07453	0.01705	0.18896
-8.80E-04	-0.07222	-0.14583	-0.04632	-0.17863	0.20815	0.29664	0.20873	0.27633
-0.04422	0.10942	0.16886	0.16351	0.15189	0.06701	0.22901	0.12328	0.16585
-0.26009	-0.09821	-0.09842	0.00641	-0.0076	0.06736	0.1594	0.1169	0.24459
-0.11418	0.07014	0.1239	0.11694	0.11811	0.0471	0.02628	-0.02508	0.07631
0.07635	0.06138	0.08017	0.06256	0.07313	0.19851	0.17208	0.19384	0.20201
-0.06352	0.02841	0.0931	0.07446	0.09235	0.20629	0.22152	0.30173	0.21173
-0.19756	0.19966	0.06385	0.29345	0.03822	-0.02052	-0.04492	-0.13531	-0.04887
0.03852	-0.03943	-0.08817	-0.12654	0.06594	0.35376	0.38661	0.2411	0.36906
0.0199	0.03333	0.05551	0.08281	0.06989	0.10163	0.1906	0.10573	0.20771
-0.2019	0.10583	0.03891	0.10975	0.10779	-0.12115	-0.06144	-0.23404	-0.01562
-0.38025	0.06982	0.01498	0.02001	0.02816	-0.09075	-0.06332	0.15161	-0.03725
0.02921	-0.05521	0.21106	0.07206	0.13506	0.39134	0.29697	0.19303	0.23733
0.02662	0.16982	0.08081	0.12578	0.07973	0.01696	0.04252	6.00E-05	0.07966
-0.08635	0.01322	-0.01176	-0.02757	0.03569	-0.03937	-0.00144	-0.02459	0.0432
-0.03699	5.20E-04	-0.06941	0.12173	-0.07048	-0.064	-0.10655	-0.21844	-0.07503
-0.25744	0.08086	0.10901	0.09474	0.08739	0.08954	0.17401	-0.08608	0.15342
0.11195	0.14235	0.02124	0.13998	0.14362	0.18156	0.25288	0.40775	0.22679
-0.34669	-0.01296	0.03599	0.06558	0.04739	-0.06716	-0.09827	-0.19649	-0.08242
-0.02018	-0.13882	-0.16697	-0.01083	-0.05143	-0.09519	-0.11803	-0.18539	-0.10418
-0.09846	0.08599	-0.01396	0.04898	0.02062	-0.06665	-0.03546	0.02514	-0.05326
0.00898	-0.15692	-0.15908	-0.10679	-0.10367	0.03152	0.04217	0.00941	0.13555
-0.04051	0.14318	0.14289	0.1863	0.15785	0.14107	0.11894	0.13513	0.16788
-0.06325	0.00747	0.0147	0.01675	0.03199	0.11106	0.23115	0.03356	0.19981
-0.17773	0.31931	0.29197	0.3292	0.23983	-8.70E-04	0.12363	0.01716	0.1202
-0.09945	0.14866	0.03238	0.12506	0.05144	0.03022	0.12484	0.04129	0.17256
-0.0166	-0.06223	0.0142	-0.00898	-0.09211	-0.14785	-0.23791	-0.22022	-0.10498
0.0159	0.10384	0.18064	0.12496	0.07929	0.07659	0.03008	0.13107	0.08985
-0.03304	-0.01156	-0.00459	0.02704	-0.04686	0.11897	0.09297	0.20908	0.11046
0.02524	-0.10353	-0.09995	0.09594	0.13477	-8.10E-04	0.01903	-0.0986	-0.08715
9.00E-05	0.04697	-0.03409	0.03997	0.01142	0.17727	0.31127	0.18112	0.23768
-0.17041	-0.07046	-0.21202	-0.05902	-0.25768	-0.1034	-0.04828	0.07517	0.06476
0.02974	0.18773	0.09486	0.16592	0.14885	-0.00195	0.05125	0.00331	0.07637
0.03448	-0.02856	-0.01141	-0.01374	-0.00799	-0.03488	0.12388	-0.071	0.1335
0.0372	0.11977	0.07021	0.08505	0.09585	0.14516	0.09835	0.12248	0.12488
0.02876	0.00878	0.08303	0.04823	0.06354	-0.09929	0.04902	-0.02871	-0.00874
0.02908	0.08005	0.05602	0.07142	0.04476	0.05685	0.08246	0.03051	0.08564
-0.0834	0.00573	-0.0299	-0.04947	0.01333	0.02765	0.02309	-0.05926	0.05961
-0.05984	-0.05065	0.09448	-0.0159	-0.06566	0.15149	0.1652	0.06852	0.10639
-0.04296	-0.0346	0.02837	0.12322	0.17154	0.08569	0.11834	-0.02506	0.15742
-0.08781	0.04829	0.11065	0.12663	0.05985	0.05298	0.03033	0.03895	0.05217
-0.0641	-0.08583	-0.0742	-0.00523	-0.02183	-2.90E-04	0.04817	0.073	-0.01629
0.05014	0.10066	0.01439	0.12319	-0.01234	0.28862	0.35724	0.14696	0.3412
-0.10536	0.08568	0.03639	0.10016	0.00849	0.05057	0.0545	0.03599	0.24428
-0.02899	0.13532	0.12212	0.17547	0.19362	0.10365	0.1901	0.0915	0.21476

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Probe ID	GenBank #	Sequence	Correlation	Magnitude	SNR	m_liver_lov	m_liver_lov	m_liver_lov
A_43_P18	CB606048	Similar to h	0.97867	1.24531	12.07012	-0.39552	-0.14305	-0.0499
A_43_P18	CB548137	Clone UI-R	0.96667	1.00034	11.24536	-0.23476	-0.03019	-0.03761
A_42_P57	BF281520	Fascin hor	0.96398	0.75739	8.17674	-0.34386	-0.0116	0.0748
A_43_P22	CB547308	Bromodom	0.96149	0.78029	10.90081	-0.13419	0.03642	0.06965
A_43_P17	BF550735	Similar to p	0.95982	0.74174	11.21987	-0.08584	0.0221	0.03934
A_43_P17	AW525189	Glycine-, g	0.95501	0.97327	11.21034	-0.34747	0.07293	0.01831
A_43_P12	NM_03207	Prostaglan	0.95283	1.03578	8.4568	-0.2702	0.00399	-0.0684
A_42_P83	BF412992	Outer dens	0.95269	0.70494	12.4388	-0.31739	-0.03501	-0.05007
A_43_P23	BF544348	Similar to u	0.95066	1.01277	12.87377	-0.33561	-0.14723	-0.06399
A_43_P11	NM_01303	Somatosta	0.94705	0.75918	7.95954	-0.17652	0.04664	0.03079
A_43_P18	CB606453	Methyl-Cp	0.94671	0.78167	12.33049	-0.08304	0.16382	0.0964
A_43_P17	BQ193826	CDC91 cel	0.93973	1.23311	13.98395	-0.33103	-0.0755	-0.04627
A_43_P15	BI291651	Transcribe	0.93799	0.78054	12.36281	-0.07977	0.1014	0.00165
A_43_P21	CB546317	Similar to b	0.93281	0.70432	10.45817	-0.14041	0.04433	0.04811
A_43_P18	CB606419	Similar to k	0.93238	0.90452	8.306	-0.24074	0.17484	-0.04587
A_43_P21	CB544376	Block of pr	0.93107	0.5782	8.0624	-0.20195	0.11535	0.00902
A_43_P22	AW918003	Elongation	0.93026	0.78076	7.68685	-0.21463	-0.00363	0.05794
A_43_P20	CB546018	Transcribe	0.9277	1.02306	12.44917	-0.07202	-0.1679	-0.05361
A_43_P10	CB548150	Similar to p	0.92663	0.60667	10.31827	-0.11827	-0.21969	-0.03042
A_43_P23	BM387441	Integrin, al	0.92614	0.56371	9.16976	-0.09704	-0.09692	0.06774
A_43_P16	M35965	Thyroglobu	0.92501	0.6565	9.55344	-0.31495	0.20262	-0.00404
A_43_P18	CB606103	Transcribe	0.91682	0.85045	15.20778	-0.23041	-0.05575	-0.00245
A_43_P21	CB547061	PRP31 pre	0.91627	0.62609	8.55174	-0.19435	-0.02266	0.09056
A_43_P10	CB548075	Similar to h	0.9162	0.63283	8.43509	-0.06403	-0.10973	0.02513
A_42_P67	BF288617	Microtubule	0.91539	0.56831	9.96544	-0.09201	0.095	0.06068
A_42_P52	X14211	Phenyletha	0.91461	0.57881	8.79824	-0.26794	0.01899	-0.04111
A_43_P12	NM_03104	Inositol 1,4	0.91385	1.02144	7.99465	-0.38886	-0.02156	0.04346
A_43_P14	AI072420	Tripartite r	0.91328	1.01823	11.28215	-0.31624	0.20087	-0.01509
A_43_P20	CB545981	Transcribe	0.90983	0.72125	6.77294	-0.33834	0.01198	-0.14962
A_42_P61	NM_01263	Prolactin re	0.90737	1.34305	17.53675	-0.30327	0.01034	0.07426
A_43_P15	BF556330	Transcribe	0.90368	0.55896	6.09487	-0.24955	-0.01576	0.18202
A_42_P63	NM_01297	Potassium	0.90027	1.00284	11.64032	0.01298	-0.07181	-0.08277
A_43_P15	BF282863	Melanoma	0.89715	0.64921	7.34066	-0.33731	-0.09762	-0.00605
A_43_P14	AA925321	Rapostlin	0.89675	1.00121	6.00645	-0.43003	0.11639	-0.03883
A_43_P16	AF037202	Similar to E	0.89414	0.95867	9.03129	-0.24268	-0.00769	0.11632
A_42_P67	AI030215	Similar to a	0.89009	0.77338	7.6122	-0.06289	0.11263	0.01285
A_43_P16	CB545051	Sirtuin 5	0.88977	1.04392	6.63992	-0.44841	0.02188	-0.06318
A_43_P22	BE107873	Data not fo	0.88834	0.87073	5.65993	-0.35743	0.05217	0.20703
A_42_P51	NM_01928	Chondroitin	0.88768	0.69602	8.29762	-0.00161	0.22072	0.0448
A_42_P80	AI715355	Similar to F	0.88549	0.71357	11.9357	-0.19247	-0.05048	-0.07484
A_43_P16	AJ458940	Zinc transp	0.88258	0.45476	6.69819	-0.1326	-0.00505	0.08225
A_43_P11	NM_01310	Phosphodi	0.87927	0.65456	5.90963	-0.33214	0.06636	0.13523
A_43_P16	U78129	Similar to k	0.87868	0.54791	5.21524	-0.03429	-0.10541	-0.3478
A_42_P68	BF406644	Data not fo	0.86957	0.51503	8.13553	-0.2119	-0.23864	-0.10991
A_43_P21	CB544564	Similar to V	0.86841	0.53859	6.45098	-0.36748	0.06035	-0.1268
A_43_P14	AA963282	Similar to N	0.86299	0.96808	10.6083	-0.25086	0.1727	-0.16038
A_43_P18	CB546430	DEAH (Asp	0.85944	1.02003	7.47298	-0.00927	-0.08234	-0.13591
A_42_P76	BI275926	Activated k	0.85859	1.15868	13.31808	-0.59076	-0.41182	-0.41482

m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov
-0.08037	-0.16184	-0.0971	-0.03958	-0.14145	0.59184	0.60551	0.80429	0.81111
-0.15642	-0.11816	-0.08417	-0.0122	-0.12771	0.47948	0.53411	0.62495	0.46248
-0.13913	-0.1491	-0.03087	-0.06726	-0.13857	0.30671	0.37325	0.55976	0.43629
-0.01997	0.02013	-0.11004	-0.17579	-0.06231	0.36062	0.41446	0.51971	0.4628
0.0187	-0.00427	-0.1345	-0.156	-0.01464	0.29468	0.45791	0.5303	0.56569
-0.08773	-0.26406	-0.04796	-0.07553	-0.0664	0.43725	0.57447	0.67595	0.3996
0.18791	-0.04789	-0.24313	-0.05112	-0.1718	0.80158	0.56787	0.66392	0.67612
-0.07663	-0.11252	-0.1049	-0.17802	-0.12405	0.40434	0.46159	0.29039	0.44196
0.07084	-0.05093	-0.20052	-0.2127	-0.00962	0.59794	0.53819	0.48671	0.67976
0.10104	-0.04135	-0.18555	-0.08187	-0.09822	0.40844	0.34949	0.63542	0.40863
0.02476	-0.04916	-0.17233	-0.21901	-0.02278	0.37907	0.50274	0.36743	0.49025
-0.16193	-0.02493	0.02804	-0.19281	-0.00841	0.76331	0.69069	0.65647	0.7032
-0.00801	-0.15123	-0.20517	-0.1498	-0.07997	0.51074	0.31245	0.43176	0.53252
0.01187	0.05098	-0.08392	-0.08287	0.00484	0.21044	0.24671	0.38298	0.40424
-0.17236	-0.18732	0.09987	-0.01444	-0.08666	0.57827	0.30904	0.64643	0.79716
-0.1066	0.06308	-0.02653	-0.05059	-0.00246	0.24736	0.2939	0.48494	0.36902
-0.0516	-0.28217	-0.08907	-0.19737	-0.08553	0.29299	0.50014	0.44338	0.30478
0.04844	0.0981	-0.16235	-0.28041	0.04222	0.60276	0.80748	0.43632	0.6317
0.01111	-0.04127	-0.14533	-0.02879	0.06811	0.38515	0.31664	0.30404	0.4178
0.02867	-0.06132	-0.01913	-0.04646	-0.00514	0.21727	0.31948	0.26048	0.42314
-0.06774	-0.00723	-0.12826	-0.0854	0.01594	0.30082	0.30755	0.39174	0.36845
-0.01345	-0.07578	-0.14049	-0.12254	0.00276	0.47534	0.44581	0.405	0.46961
0.0687	-0.17305	-0.12696	-0.21255	0.05228	0.32136	0.47982	0.30158	0.4211
0.00442	-0.00557	-0.09601	-0.00583	-0.00517	0.13283	0.29642	0.44777	0.4539
0.05523	-0.06078	-0.07065	-0.14316	-0.05341	0.11326	0.28389	0.30965	0.35818
-0.05665	0.12931	-0.04898	-0.15632	-0.02028	0.25614	0.24198	0.30786	0.31131
-0.25468	-0.28135	-0.12143	0.0066	-0.07595	0.66913	0.56602	0.61769	0.64558
0.01648	0.07323	-0.1277	-0.19964	-0.15613	0.51031	0.42642	0.40178	0.49127
-0.28763	-0.00177	0.14707	0.09466	0.07118	0.27658	0.18958	0.72561	0.45686
0.0529	-0.19304	-0.23722	-0.29185	-0.03835	0.71803	0.86187	0.61613	0.84342
-0.01189	0.01491	0.05785	-0.07619	0.03511	0.12036	0.21454	0.55207	0.38383
-0.03093	0.24013	-0.19479	-0.31636	0.05939	0.50081	0.66864	0.49974	0.65807
-0.06541	0.07766	-0.13121	-0.1125	-0.03405	0.27053	0.23725	0.42448	0.47263
-0.30675	-0.33304	0.05948	0.11187	-0.02858	0.46996	0.54305	0.45209	0.59281
0.08334	-0.07206	-0.22843	-0.34501	-0.02554	0.66228	0.34888	0.44641	0.64067
-0.05525	-0.11857	0.02418	-0.07313	-0.22842	0.18556	0.25692	0.77851	0.60418
-0.15588	-0.59566	0.03816	0.08106	0.12786	0.49334	0.57582	0.65262	0.53247
-0.07109	-0.56777	-0.15795	-0.24174	-0.25034	0.5506	0.50524	0.79687	0.41239
-0.00391	-0.07255	-0.2171	-0.21283	-0.14336	0.52869	0.2318	0.29372	0.40274
-0.06055	-0.07353	-0.15815	-0.27548	-0.06057	0.32278	0.36988	0.1177	0.29126
0.0257	0.13067	-0.0767	-0.12175	0.05528	0.14594	0.27433	0.25502	0.32772
0.09133	-0.17378	0.04999	-0.11165	0.00724	0.21252	0.43104	0.30741	0.35886
0.01081	0.05945	-0.16879	0.01109	0.04783	0.15982	0.18665	0.47421	0.33483
-0.11585	-0.05566	0.01366	0.08253	0.06838	0.23458	0.12595	0.40215	0.31855
-0.21583	0.04323	0.0101	0.05745	-0.02911	0.22478	0.31902	0.42806	0.21666
-0.27584	-0.05874	-0.08149	-0.39819	-0.29161	0.58853	0.47856	0.49063	0.42647
0.08702	0.23268	-0.26961	-0.3172	0.10858	0.67763	0.6991	0.51689	0.72171
-0.46902	-0.08159	-0.04374	-0.34717	-0.20754	0.55714	0.70554	0.47147	0.59792

m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç
-0.67671	-0.37996	-0.55785	-0.55397	-0.23966	-0.39215	-0.10025	-0.70573	-0.08673
-0.63826	-0.26455	-0.53639	-0.46113	-0.32753	-0.17714	0.03061	-0.61427	-0.24638
-0.3954	-0.1904	-0.42539	-0.34234	-0.26276	-0.25031	0.02036	-0.614	-0.23918
-0.39863	-0.22238	-0.33435	-0.40819	-0.16011	-0.23246	-0.07949	-0.38615	-0.21931
-0.29534	-0.20356	-0.33658	-0.28292	-0.14142	-0.21041	-0.01514	-0.3702	-0.01694
-0.41509	-0.33871	-0.32387	-0.49225	-0.43378	-0.53457	-0.18236	-0.6551	-0.05559
-0.48092	-0.27324	-0.33516	-0.3041	-0.23534	-0.47554	-0.06065	-0.66209	-0.19875
-0.25458	-0.28627	-0.35994	-0.3207	-0.12614	-0.34456	-0.11992	-0.40078	0.06628
-0.41696	-0.49876	-0.4735	-0.35927	-0.17298	-0.39713	-0.07936	-0.36755	-0.04122
-0.32882	-0.15701	-0.34731	-0.27825	-0.26489	-0.32769	-0.04233	-0.59984	-0.29498
-0.28926	-0.31773	-0.3859	-0.39432	-0.15834	-0.33234	-0.07042	-0.36986	-0.04599
-0.54726	-0.48686	-0.64562	-0.43905	-0.46313	-0.53727	-0.20162	-0.5895	-0.11402
-0.35297	-0.24356	-0.47436	-0.26379	-0.10409	-0.30196	-0.01395	-0.33269	-0.01022
-0.43758	-0.39396	-0.45467	-0.2867	-0.20367	-0.18566	0.03362	-0.44607	-0.1037
-0.47122	-0.24943	-0.20399	-0.36253	-0.29961	-0.26128	-0.0444	-0.50264	0.0412
-0.22144	-0.12518	-0.25008	-0.32087	-0.20427	-0.13305	-0.09301	-0.42649	-0.24848
-0.35763	-0.21756	-0.48727	-0.51824	-0.42162	-0.27215	-0.07067	-0.81729	-0.00852
-0.19778	-0.44479	-0.59286	-0.37856	-0.19269	-0.50553	-0.22737	-0.40209	0.04661
-0.30492	-0.21944	-0.26965	-0.20905	-0.09	-0.16522	-0.01772	-0.18257	-0.10833
-0.20937	-0.216	-0.27069	-0.33839	-0.14132	-0.20506	-0.16288	-0.41614	-0.11692
-0.32194	-0.2357	-0.33162	-0.36819	-0.19261	-0.20611	-0.0644	-0.27928	-0.08019
-0.36799	-0.50558	-0.42854	-0.30395	-0.13938	-0.11956	-0.0011	-0.15736	-0.04566
-0.19688	-0.24389	-0.18053	-0.34606	-0.22647	-0.39913	-0.08548	-0.26943	0.02012
-0.26953	-0.23038	-0.3898	-0.31069	-0.08151	-0.06558	-5.70E-04	-0.37309	-0.11723
-0.27713	-0.16599	-0.25051	-0.34755	-0.3184	-0.35334	-0.09847	-0.43804	-0.08386
-0.18889	-0.29078	-0.40464	-0.31365	-0.08128	-0.17728	-0.08838	-0.25378	0.00951
-0.42026	-0.39406	-0.48018	-0.29284	-0.23391	-0.48466	0.05548	-0.36168	0.22359
-0.38861	-0.68732	-0.69472	-0.4725	-0.19053	-0.31269	-0.10952	-0.46989	-0.20821
-0.29748	-0.20561	-0.41405	-0.31922	-0.10138	-0.16451	-0.06609	-0.56395	-0.24585
-0.45863	-0.59299	-0.64887	-0.63227	-0.4358	-0.6891	-0.26354	-0.59928	0.19206
-0.15644	-0.10077	-0.26292	-0.38784	-0.22804	-0.20407	-0.11528	-0.41765	-0.12905
-0.24714	-0.37302	-0.68744	-0.37649	-0.1325	-0.35787	-0.18225	-0.42575	-0.05299
-0.18041	-0.26727	-0.48629	-0.25797	-0.27106	-0.1369	-0.10212	-0.46483	-0.07283
-0.49279	-0.17523	-0.49372	-0.7852	-0.29352	-0.35428	0.21108	-0.56331	0.06519
-0.43658	-0.25332	-0.67812	-0.36841	-0.11098	-0.39833	-0.09784	-0.33448	-0.02138
-0.27	-0.21573	-0.4794	-0.21958	-0.22355	-0.13007	-0.33893	-0.5758	0.19769
-0.74468	-0.44414	-0.19661	-0.53598	-0.38997	-0.37343	0.18044	-0.69166	0.2029
-0.50797	-0.2286	-0.22275	-0.19852	-0.36092	-0.43789	0.25957	-0.59499	0.10975
-0.41796	-0.28391	-0.31341	-0.31183	-0.22702	-0.36133	-0.31078	-0.4054	-0.14013
-0.32418	-0.3507	-0.38367	-0.32691	-0.27136	-0.5296	-0.38587	-0.56584	-0.07124
-0.13997	-0.14318	-0.2476	-0.28526	-0.0563	-0.24355	-0.21466	-0.28263	-0.01818
-0.40624	-0.22322	-0.31441	-0.36455	-0.28428	-0.4939	-0.05411	-0.39755	0.09157
-0.14926	-0.26757	-0.4082	-0.21109	-0.11158	-0.18427	-0.15438	-0.55595	-0.17778
-0.34128	-0.20754	-0.2613	-0.16877	-0.21579	-0.06722	-0.08953	-0.36553	-0.27509
-0.25671	-0.11852	-0.31339	-0.27723	-0.06133	-0.08726	0.10893	-0.23629	-0.21775
-0.41697	-0.33592	-0.66213	-0.47312	-0.07555	-0.03914	-0.17455	-0.38417	0.31862
-0.27837	-0.40901	-0.68589	-0.09151	-0.0446	-0.54661	-0.15604	-0.39642	0.10695
-0.49653	-0.44756	-0.62842	-0.65871	-0.37917	-0.43974	-0.78037	-0.70338	0.43417

m_liver_hiç	m_liver_hiç	m_liver_hiç	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
0.09349	0.00295	0.07478	0.05268	-0.15208	0.01957	0.00392	-0.23085	-0.02639
0.05016	0.05663	-0.09084	-0.01385	-0.19246	0.01766	0.01351	-0.01857	-0.04398
0.22286	0.12561	-0.11096	-0.00642	-0.07147	-0.02107	-0.05136	0.0116	-0.00117
0.1629	0.01905	-0.14773	-0.08115	0.09395	-0.02973	-0.08423	-0.00162	-0.02617
0.11474	0.05842	-0.09176	-0.03663	-0.00222	-0.04068	-0.0674	-0.06413	0.01809
0.07328	0.0043	0.1406	-0.04353	-0.0245	-0.12113	0.01889	0.04047	0.02673
0.30778	-0.03331	0.06997	0.05188	-0.05597	-0.0045	-0.0691	-0.3904	-0.06123
0.03979	-0.03624	-0.04427	-0.01852	-0.08388	-0.0907	-0.08691	-0.07784	-0.00871
0.0489	0.08343	-0.03681	-0.15047	-0.02172	0.03719	-0.03358	0.06199	0.13883
0.14878	-0.15975	-0.0712	-0.04959	-0.03629	0.02473	0.02578	-0.10888	-0.05229
0.02894	-0.07346	-0.13293	-0.09948	-0.0075	-0.02203	-0.03666	0.02465	0.01745
-0.2202	-5.30E-04	-0.05073	-0.14275	-0.03451	-0.18252	-0.16152	0.10348	0.07314
0.0967	-0.08016	-0.08023	-0.026	-0.02837	0.00767	-0.00841	-0.0865	-0.0455
0.01243	-0.10251	-0.12729	-0.0684	-0.09091	0.00409	-0.05888	0.05156	0.0683
-0.03526	-0.06957	-0.02207	-0.00238	-0.03575	0.04577	-4.10E-04	-0.33452	-0.02368
-0.00942	0.02247	-0.07058	-0.02759	0.03301	-0.04595	-0.08994	0.09355	0.07747
0.20356	0.04148	-0.15749	-0.03978	0.098	-0.0766	-0.00577	-0.04309	0.05567
-0.03745	-0.08762	0.04826	-0.11853	-0.08777	-0.09698	-0.15075	0.05156	0.07631
0.14865	0.05814	-0.08297	-0.01956	0.03114	0.06607	-0.01912	0.03189	0.08317
0.09215	-0.10183	-0.22899	-0.06513	0.03194	-0.01558	-0.05791	-0.04577	0.034
-0.04852	0.06132	-0.20935	-0.00187	0.03636	0.01176	-0.09404	0.04025	-0.02023
-0.07866	0.09105	0.01426	-0.1073	-0.09089	-0.02431	-0.14357	0.03939	0.10284
0.12935	-0.02479	-0.30356	0.00959	0.03321	-0.05587	-0.01346	0.01695	0.03727
0.12186	-0.07814	-0.09249	-0.06688	-0.21032	-0.00875	-0.09331	0.02687	0.18994
0.00101	-0.05563	-0.26071	-0.06307	-0.05576	-0.02823	-0.0321	0.01399	0.01221
0.16419	0.01065	-0.09006	-0.09229	-0.10095	-0.00926	-0.06107	0.06773	0.05411
0.07911	0.0826	0.6102	-0.03299	0.15078	-0.11993	0.01824	-0.23062	-0.0581
-0.09187	-0.09157	-0.0458	-0.12243	-0.17189	-0.0506	-0.11919	0.09349	0.00729
0.11722	0.03229	0.0616	-0.00372	-0.01663	-0.03325	-0.15174	-0.0884	-0.04956
0.04656	0.16087	0.14036	-0.02195	0.05926	0.00536	0.01398	0.0409	0.07998
0.31516	0.11105	-0.10557	-0.04008	-0.00666	-0.09155	-0.01644	-0.00905	0.05064
-0.0457	-0.11652	-0.07405	-0.0983	-0.04569	0.04873	-0.03809	0.14716	0.10618
0.04434	0.03446	-0.06051	0.18501	0.02561	0.17611	0.06348	-0.01636	0.05275
-0.23422	-0.06093	0.30325	-0.1049	0.06395	0.0284	-0.00464	-0.00386	-0.13735
-0.20814	-0.10942	-0.13752	-0.13659	-0.08511	-0.01868	-0.01873	-0.0176	-0.03384
0.04547	0.25071	0.24041	0.01761	-0.13049	0.00481	-0.12023	0.01259	0.11097
-0.03293	0.21873	0.32831	-0.07761	-0.05083	-0.20737	-0.13029	0.088	0.08107
0.30523	0.01505	0.34453	0.02569	0.18587	0.12804	0.11235	-0.08356	-0.06677
0.14572	-0.14978	-0.25311	0.01503	0.08577	0.0128	0.07154	-0.15805	-0.06141
-0.07642	-0.22667	-0.32081	-0.13169	-0.04734	-0.10267	-0.11186	-0.12453	-0.05916
0.11633	-0.13187	-0.21201	-0.0621	-0.0955	-0.02533	-0.01291	0.0727	0.06395
-0.14051	0.18677	-0.12813	-0.14853	0.10464	-0.13938	-0.05477	0.15383	0.22537
0.12569	-0.1187	-0.01017	0.04319	-0.05594	-0.00521	-0.01469	-0.12435	-0.04745
-0.15771	-0.17504	-0.22141	0.02467	0.03089	0.00384	0.01043	-0.20263	-0.06411
0.00651	-0.02999	-0.15941	-0.09955	0.1092	-0.01874	-0.02837	0.07378	-0.07157
0.03285	0.22476	0.19591	-0.01802	-0.0396	0.05508	-0.01466	0.13844	0.12791
-0.31485	-0.40115	-4.50E-04	-0.09892	-0.07977	-0.0252	-0.06724	0.21446	0.04391
-0.04644	0.1424	0.01075	-0.048	0.01353	-0.0116	0.06932	-0.14033	-0.17982

m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
-0.06021	0.10772	-0.16533	-0.10032	-0.09959	-0.03399	0.04367	-0.06845	-0.03143
-0.08869	0.02105	-0.04983	-0.02386	0.04074	0.01738	0.00971	0.03461	0.01482
0.01689	-0.00928	0.07428	0.02534	-0.049	-0.05702	-0.05964	-0.0031	-0.03458
0.01235	0.0097	0.03086	0.0135	0.07719	-0.01622	-0.0601	-0.05073	-0.04446
0.00889	0.06806	0.02747	0.01689	0.02638	-0.01524	-0.05886	-0.09094	-0.05335
0.03523	-0.07017	-0.06816	0.0513	0.02319	0.06607	0.00448	-0.03418	0.01339
0.05621	0.0444	-0.07374	0.04647	0.11033	0.06727	0.00563	-0.07504	-0.04041
-0.02344	-0.01881	-0.02478	-0.0536	-0.01692	0.00489	-0.02612	-0.07716	-0.01366
0.02843	0.04611	0.02579	-0.0297	0.02773	-0.01812	-0.01673	-0.10184	-0.07156
-0.07359	0.06137	-0.03195	0.05541	0.02778	0.06204	-0.01669	0.02965	0.13087
0.0147	-0.01129	0.01009	-0.01156	0.09584	-0.01002	-0.12254	-0.01545	-0.02871
-0.04968	-0.04313	0.19691	-0.00543	-0.01086	0.01079	-0.08272	-0.03948	-0.11172
-0.0706	-0.0074	0.04818	0.0977	0.06971	0.04281	0.01116	9.00E-05	0.03301
0.02188	0.04217	-3.70E-04	-0.07131	0.04376	-0.07579	-0.05358	0.01979	-0.07934
-0.01237	0.05302	0.03158	0.08347	0.06197	0.06284	0.08778	0.06292	0.07647
0.05433	0.02984	-0.02383	0.00858	-0.06892	-0.12593	-0.01387	-0.03365	-0.01246
-0.01907	0.01547	0.10669	0.03181	-0.0402	-0.02549	0.04027	0.00913	0.05126
0.01649	0.03433	0.06332	0.07176	0.06579	-0.0295	-0.11611	-0.04308	-0.00908
0.05846	0.03275	-0.05476	-0.04204	0.02606	-0.0717	0.01065	-0.06839	0.04952
-0.01701	0.00863	-0.03829	0.00218	0.07683	0.00743	-0.04413	-0.02932	-0.00343
0.04653	0.02608	-0.01709	-0.00219	0.05867	-0.06935	-0.10642	-0.01519	-0.02286
0.12664	0.03949	0.00116	-0.03992	0.02239	-0.06963	-0.12511	-0.0792	-0.17943
-0.01197	0.04335	-0.00666	0.00975	0.03951	-0.00174	-0.00312	-0.00923	0.02516
0.09493	0.04155	-0.03393	-0.04143	0.0136	-0.05334	-0.09413	-0.04169	-0.12919
0.02196	0.00211	0.02621	0.02023	0.0592	0.00631	-0.05835	0.00732	-0.009
0.07106	0.01137	-6.80E-04	-0.02528	0.08505	0.00745	-0.05098	-0.01797	-0.06413
0.12396	0.10374	-0.05449	0.10447	0.04412	0.03523	0.12974	-0.02398	0.07678
0.10302	0.02209	-0.03468	-0.11647	0.04097	-0.04641	-0.17366	-0.04366	-0.18462
-0.02224	0.01965	-0.04395	-0.11107	0.04916	-0.0321	0.06681	-0.02427	-0.04256
0.06501	0.05377	0.10514	0.12921	0.1224	0.12213	-0.22197	-0.17923	-0.15246
-0.01423	0.09313	0.02873	0.01862	0.04173	0.01864	0.00752	0.02271	0.02627
0.14871	0.02057	-0.04352	-0.07687	0.01205	-0.09556	-0.11033	-0.0239	-0.06118
-0.01793	5.10E-04	0.05189	-0.0374	0.09932	0.07601	-0.05347	-0.02121	-0.0331
0.06573	0.0048	-0.27215	0.05092	0.19032	-0.01563	0.10896	0.09921	0.10974
0.02863	0.05634	0.0339	0.03762	0.04776	-0.00518	0.17847	-0.0525	0.13898
0.04839	0.01527	-0.11595	-0.11473	-0.0593	-0.09211	-0.05729	-0.14912	-0.08234
-0.14678	-0.07084	0.19297	-0.00163	-0.11246	0.02238	-0.24752	-0.06736	-0.14681
0.13466	0.13581	0.06556	0.24846	0.00426	0.1895	0.16162	-0.04202	0.20041
-0.12648	0.07019	0.1076	0.12979	0.10246	0.0924	-0.01252	-0.02028	0.07643
-0.07366	-0.07706	-0.04442	-0.05791	-6.20E-04	-0.04065	-0.11313	-0.07228	-0.05079
0.03481	-8.80E-04	0.02631	0.04258	0.09776	0.03889	-0.11341	0.01245	0.00271
0.03949	0.04346	0.05109	0.0808	0.01592	0.03304	-0.005	0.03707	0.08545
0.0043	0.06112	-0.00867	0.06602	0.02289	0.09341	0.11703	-0.05492	0.08166
-0.07398	-0.00293	0.00265	-0.02679	-0.05258	-0.033	0.06036	-0.04707	0.02129
0.01033	-0.0238	0.15101	-0.0563	0.00207	0.01411	-0.07247	0.03124	-0.03417
0.17	0.08739	-0.04456	-0.04192	-0.01359	-0.06738	-0.10335	-0.04536	-0.17722
0.14582	0.16094	0.09195	-0.01261	0.02906	-0.09249	-0.13378	-0.09526	0.04583
-0.1639	-0.20582	0.15807	0.10182	0.1048	0.14079	-0.01004	-0.04065	0.06272

m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
-0.10187	0.02389	-0.06611	0.02208	0.03958	-0.11724	-0.18608	-0.23252	-0.19117
0.02958	-0.03603	0.03293	0.03444	0.04397	-0.01345	-0.07493	-0.09699	-0.05773
0.00158	0.00627	0.06404	0.00241	0.04535	-0.03227	-0.04455	-0.08641	-0.07622
-0.00653	-0.00195	0.064	0.07667	0.0482	-0.01215	-0.06927	-0.07727	-0.08757
-0.00864	-0.05856	-0.00569	0.03513	-0.00577	0.06594	-0.0409	-0.07431	-0.089
-0.05853	0.00124	0.00605	0.08058	0.01036	-0.07866	-0.07301	-0.03152	-0.06353
-0.10245	0.00861	-0.15498	5.50E-04	0.08126	0.05042	0.02554	-0.02417	0.0042
-0.06861	-0.06888	0.02767	-0.02318	-0.0042	-0.09611	-0.10582	-0.047	-0.05196
-0.02232	-0.07915	0.0195	0.08284	0.0485	0.03733	-0.04136	-0.05004	-0.05091
0.02741	-0.01389	-0.00958	-0.02073	-0.03091	0.04608	0.04022	0.19004	-0.06874
0.01951	-0.00299	0.01654	0.04765	0.03439	0.00219	-0.07592	-0.07401	-0.07423
-0.04751	0.16538	0.01003	-0.0203	0.03015	-0.02629	-0.08299	-0.04545	0.08384
0.04114	-0.02679	-0.01697	0.03286	-0.01363	0.02126	0.08763	0.17072	0.03559
-0.01731	0.04255	0.01339	-0.00724	0.05736	-0.03425	-0.00341	-0.07825	-0.04094
0.00128	0.03314	-0.09463	-0.04068	0.03942	-0.0382	0.01921	0.18291	-0.07614
-0.018	0.01398	0.05731	0.03859	0.06615	-0.07709	-0.05732	0.02454	0.00786
-0.01714	0.05529	0.08198	0.03338	0.0239	0.08131	0.01742	0.11159	-0.024
-0.03311	0.05091	0.09302	0.05029	0.06827	-0.01698	-0.02023	-0.02764	-0.06624
0.04618	0.04479	0.0918	0.02474	0.10489	-0.03625	-0.02756	-0.06307	-0.02263
-0.04714	-0.0355	0.0188	0.02407	-0.02467	-0.00366	-0.07393	-0.06482	-0.10246
-0.00176	0.00992	0.11641	0.04834	0.06111	-0.05769	-0.04579	-0.04889	-0.03074
-0.02639	0.01857	0.05329	0.06058	0.07579	-0.09242	-0.10298	-0.09313	-0.07179
-0.01972	0.05745	-0.01011	0.05855	0.06672	0.01451	-0.02223	-0.03406	-0.00381
-0.04028	0.03347	0.05109	0.04804	0.07971	-0.01156	-0.07086	-0.12542	-0.06393
0.01371	0.02056	0.05218	0.03879	0.03201	-0.00239	-0.05657	-0.0623	-0.04438
-0.02089	-0.02269	0.05052	0.00444	0.05809	-0.02227	-0.05921	-0.15919	-0.08941
-0.04206	-0.02478	-0.10172	0.08356	0.0112	-0.00339	0.01316	0.20383	-0.0152
-0.03209	0.00225	0.07875	0.08489	0.06738	-0.14303	-0.09205	-0.14406	-0.08216
0.02786	-0.02551	0.04101	0.08482	0.0451	-0.14667	0.01224	-0.04724	-0.01333
-0.18546	-0.1825	-0.16239	-0.19815	-0.14943	-0.34255	-0.42062	-0.26585	-0.40777
-0.08003	0.01503	0.01073	0.02139	0.03904	-0.00917	-0.08052	0.02496	-0.06828
-0.03014	0.00348	0.08449	-0.00705	0.06127	-0.17517	-0.10233	-0.1718	-0.16712
-0.10801	-0.10752	-0.10184	-0.08452	-0.07494	-0.06557	0.01585	-0.25486	-0.01176
-0.06468	-0.09551	-0.10829	-0.05577	0.17825	0.05556	-0.13242	-0.20973	-0.11737
0.03564	0.02569	-0.0266	0.07582	0.05538	-0.03253	0.08581	-0.19751	0.07761
-0.06258	-0.01167	0.07986	0.01543	0.0735	0.00828	0.00818	-0.20401	-0.04192
-0.11961	0.00125	-0.12884	-0.02485	-0.06379	-0.16453	-0.22514	-0.02063	-0.11157
0.02919	0.038	-0.02316	0.009	0.09648	0.02446	0.0977	0.27969	0.02434
0.03377	-0.00362	-0.07688	-0.04702	5.00E-05	0.0038	-0.04079	0.29676	-0.01702
-0.05604	-0.21389	-0.23945	-0.19242	-0.22039	-0.17309	-0.19155	-0.16164	-0.20876
0.02683	0.03036	0.00924	0.06593	0.07047	-0.01516	0.00221	0.01165	-0.03118
-0.07564	0.11163	0.08213	-0.00526	0.02225	0.06455	0.02926	0.2529	-0.051
-0.04083	-0.05485	-0.04698	0.046	0.05621	-0.02545	0.0288	-0.17046	-0.11865
-0.00332	-0.02366	-0.07638	0.03778	2.10E-04	-0.05881	-0.02471	0.02598	0.00166
-0.02555	-0.00714	0.02456	0.00662	-0.03828	0.02318	0.02	-0.07952	1.90E-04
-0.0848	-0.09244	-0.01168	-0.06455	0.0038	-0.03136	0.0088	0.04944	-0.05468
0.071	0.0325	0.02822	0.04633	0.00973	0.06898	0.19628	-0.17782	0.07652
-0.01787	-0.06018	-0.11827	-0.114	-0.0819	-0.00446	0.03788	0.03129	0.08536

high_7d_plus_B_nmg.txt

Probe ID	GenBank #	Sequence	Correlation	Magnitude	SNR	m_liver_lov	m_liver_lov	m_liver_lov
A_42_P45	BG378761	Similar to a	0.96062	2.20421	22.99659	0.8138	0.89953	1.15198
A_42_P64	BQ204955	Hepatic prc	0.95571	2.91166	16.34064	1.55175	1.78507	2.89004
A_43_P23	BF523808	Similar to c	0.93127	1.83497	7.26155	0.50191	0.66201	1.31308
A_42_P59	BF404316	Transcribe	0.93071	2.34345	9.65617	0.99723	1.29291	1.46146
A_42_P51	BI300416	Transcribe	0.92616	0.96205	7.35608	0.47114	0.19483	0.89433
A_42_P56	BM392175	3-hydroxy-	0.92502	2.93913	27.6829	1.56162	1.72496	1.92381
A_43_P12	NM_05374	Ubiquilin 1	0.91162	0.68378	11.23892	0.28352	0.26685	0.42133
A_43_P15	BF407610	Transcribe	0.90941	3.97383	30.04297	2.11385	2.00163	2.57113
A_42_P70	BI280516	Similar to g	0.90354	1.50151	14.21002	0.56942	0.54639	0.62858
A_42_P65	NM_01266	Tyrosine ar	0.90278	1.38771	13.09787	1.05697	1.04349	1.15544
A_42_P47	BI290504	PAX intera	0.8959	0.88568	9.10611	0.42609	0.51168	0.35908
A_43_P18	CB548106	Similar to k	0.89183	0.69992	9.19018	0.15327	0.16774	0.47857
A_42_P45	BF418041	TBC1 dom	0.88868	0.74418	6.96674	0.30225	0.31379	0.56671
A_42_P49	NM_03197	Heat shock	0.8844	3.51501	24.80327	1.35368	1.46332	2.01591
A_42_P65	BI291770	Similar to F	0.88196	0.96574	15.84472	0.46024	0.43707	0.38231
A_42_P54	AI454224	Transcribe	0.88142	0.83955	8.31831	0.16499	0.48757	0.58435
A_42_P48	NM_17558	Guanine nu	0.88022	1.2251	12.68826	0.20914	0.18172	0.72454
A_42_P53	NM_02440	A disintegri	0.87955	0.94127	11.11235	0.32298	0.33097	0.61411
A_43_P19	AI105070	Similar to n	0.87645	1.80664	24.43233	1.17658	1.43157	1.41252
A_42_P64	BQ779931	Transcribe	0.87365	0.90035	10.46225	0.2754	0.31181	0.40692
A_42_P66	AI100775	Prenylated	0.86606	0.61724	8.90432	0.2625	0.38598	0.61898
A_43_P17	CB545618	DnaJ (Hsp	0.85596	0.99917	11.09068	0.35488	0.0411	0.18023
A_42_P84	AI717310	Ubiquitinati	0.85557	0.90113	11.73013	0.41043	0.46615	0.7548
A_43_P10	AA800948	Tubulin, alp	0.85336	0.98335	19.51987	0.12893	0.15597	0.31195
A_43_P11	NM_01291	Activating t	0.85125	2.99896	7.66585	0.96521	1.88635	2.81058

m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov
1.14431	-0.45248	-0.27434	-0.32968	-0.20218	-0.14271	-0.21429	-0.37419	-0.18535
2.67731	0.16562	0.39606	0.14964	0.16752	-0.55176	-0.72386	-0.84623	-0.62064
0.67035	-0.75186	0.04833	0.49669	-0.07783	-0.35597	-0.61518	-0.80063	-0.46841
1.06388	-0.72612	-0.22737	0.07345	-0.23052	-0.29676	-0.33182	-0.44454	-0.28015
0.83811	-0.16461	-0.09427	-0.06073	-0.10869	-0.06186	0.04932	-0.46019	0.01554
1.67009	-0.59081	-0.20776	-0.63062	-0.65004	-0.24144	-0.26843	-0.44336	-0.40017
0.29854	0.04857	0.1627	-0.04189	0.05896	-0.03478	0.21843	-0.06234	0.07233
2.37631	-0.04633	-0.2379	-0.51456	-0.45628	0.20164	0.3861	0.39811	0.39463
0.75232	-0.30765	0.12434	-0.25832	0.13587	0.32482	0.02498	0.09774	-0.03729
1.16802	0.00396	-0.00168	-0.2319	-0.07778	-0.29092	3.30E-04	-0.42538	-0.20908
0.46349	-0.39244	-0.09833	-0.20545	-0.2435	-0.107	-0.12974	-0.1119	4.50E-04
0.13803	-0.07241	0.07802	0.05823	0.07338	-0.06179	-0.10713	-0.08336	-0.06098
0.51903	-0.04603	-0.16585	-0.33972	-0.28143	-0.22133	-0.03487	-0.13481	-0.16016
1.63846	-0.52806	-0.1497	-0.1753	-0.12487	0.27651	0.36136	0.69725	0.48367
0.35901	-0.09194	-0.00763	-0.09957	-0.11442	0.20829	0.34367	0.11785	0.18414
0.39812	-0.23067	0.053	-0.01261	0.02539	0.12169	-0.05892	0.03625	-0.10037
0.51716	-0.24419	-0.18649	-0.45388	-0.20106	0.02971	0.10341	0.00432	0.02646
0.56825	-0.29945	0.22418	0.07294	0.06218	-0.23316	-0.15851	-0.40056	-0.43807
1.24294	-0.35866	-0.0305	0.01811	-0.06968	0.52981	0.58463	0.74895	0.58686
0.40136	-0.07649	0.01571	0.08346	-0.01179	-0.27574	-0.29272	-0.42478	-0.36568
0.5232	0.00495	0.04565	-0.15202	-0.09754	-0.17959	-0.11151	-0.15957	-0.17464
0.39331	0.06719	0.01798	-0.00264	0.07712	0.05043	0.06831	-0.10455	0.06725
0.64976	-0.12102	0.09993	0.01813	-0.06701	0.04287	0.2571	-0.01243	0.05594
0.3291	-0.29632	-0.25583	-0.15785	-0.16459	0.0373	0.10894	0.04085	0.05634
1.85876	-0.91348	0.1582	-0.42861	-0.29843	-0.0122	1.10151	-0.1251	0.18795

m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç
1.6772	1.55567	2.24401	2.08126	0.17404	0.19	0.44268	0.37214	0.28469
1.49533	1.75293	2.87207	2.613	0.23736	0.53621	0.22945	0.19582	0.3906
0.57638	0.97055	1.76773	1.78502	0.23358	0.04783	0.81128	0.71379	0.35261
1.6896	1.88397	2.23681	2.21014	-0.35416	0.02495	0.09155	-0.01453	0.19399
0.50398	0.42129	1.30974	1.09013	-0.0122	0.09819	0.00497	-0.07173	0.20818
2.2432	2.43577	2.51924	2.47909	0.38042	0.50406	0.41772	0.44619	1.76076
0.60312	0.56009	0.92205	0.73584	0.27525	0.23239	0.20203	0.26452	0.28503
3.04675	3.04013	3.34903	3.55507	-0.34432	-0.16625	-0.7295	-0.61513	0.16208
1.33767	1.0215	1.4593	1.34909	0.28958	0.5454	0.56319	0.61825	0.55495
1.09006	0.99271	1.25184	1.29117	0.2449	0.09589	-0.0343	0.2417	1.16292
0.37544	0.683	0.79333	0.75125	-0.00822	0.20209	0.21279	0.04718	0.42958
0.44994	0.57364	0.88616	0.57669	0.03287	0.18111	0.2624	0.18967	-0.18559
0.17341	0.37692	0.7725	0.82088	0.08304	0.09459	-0.02964	-0.02829	0.45731
2.45381	2.3871	3.26945	2.93901	-0.45753	-0.03618	-0.23744	-0.43589	-0.34331
0.84353	0.80516	0.96169	0.93903	0.20342	0.35402	-0.02342	0.02816	0.48219
0.62639	0.89068	0.72195	0.75756	0.09948	0.17011	0.17552	0.13505	0.11328
0.93492	0.73082	1.11894	1.03012	0.24608	0.09304	-0.0583	0.15501	0.48992
0.50227	0.53886	0.78808	0.70557	0.32944	0.27323	0.34477	0.36457	0.51703
1.59333	1.82573	1.75008	1.61667	0.44832	0.55021	0.49756	0.48316	0.95405
0.3913	0.33045	0.80549	0.71524	0.18883	0.26834	0.12806	0.42679	0.13916
0.34516	0.36295	0.57198	0.56358	0.0868	0.17663	0.04653	0.07232	0.11545
0.57746	0.63859	1.12279	1.02348	0.06614	-0.01298	0.10979	0.12963	0.02347
0.71877	0.76844	1.11359	0.93374	0.54535	0.53509	0.61458	0.56914	0.90663
0.64862	0.70932	0.71353	0.75955	0.22268	0.28251	0.3111	0.27535	0.02254
1.79434	2.21961	3.51602	2.98356	1.55277	1.15962	2.37613	0.698	1.77106

m_liver_hiç	m_liver_hiç	m_liver_hiç	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
0.24428	0.33919	0.21743	-0.01944	0.07368	-0.06375	-0.08576	-0.10934	-0.09555
-0.12882	0.30006	0.2333	0.24051	0.19876	0.21797	0.19682	-0.02402	-0.01984
0.07118	0.33459	0.67168	0.13765	-0.06283	-0.1354	-4.50E-04	0.09342	-0.04914
-0.32729	0.15291	0.01124	0.37258	-0.09728	-0.4401	-0.12045	0.17196	0.01378
0.17894	0.3327	0.3539	0.01594	0.06908	0.04268	-0.05038	-0.09965	-0.24649
1.14208	1.47072	1.49544	0.17027	-0.14768	0.11784	0.1142	0.07132	0.00429
0.11979	0.21234	0.12385	0.06194	0.13956	0.08679	0.0636	0.05868	0.00151
0.04658	0.12888	0.01192	0.52966	0.09772	0.46786	0.43514	-0.70759	-0.69216
0.32237	0.55188	0.40788	0.07446	0.04569	0.06058	0.15613	-0.21496	-0.25489
0.42137	0.86866	0.88617	0.02008	-0.21329	-0.00199	-0.012	0.12198	0.02788
-0.18029	0.31857	0.08255	0.02139	-0.19993	-0.00426	0.00379	0.01359	-0.07345
0.08571	-0.07229	-0.04989	0.03251	0.07288	0.09265	0.03358	0.02539	0.04147
0.20553	0.33243	0.25602	0.11234	-0.08344	0.0586	0.04151	-0.02179	-0.01796
-0.07794	-0.13672	-0.25999	0.58692	0.53615	0.59605	0.42411	-0.69118	-0.69576
0.22085	0.44092	0.3364	0.11019	0.12607	0.14075	0.11566	-0.05462	-0.09543
-0.25036	0.07044	-0.03677	-0.12131	0.05644	-0.09737	-0.19937	-0.03429	0.14928
0.42209	0.22738	0.3562	0.17208	0.31128	0.10404	0.29237	0.00747	-0.11262
0.13865	0.39543	0.34393	-0.06757	-0.04439	-0.08676	-0.13457	0.13778	0.10149
0.73599	0.93241	0.74544	0.20497	0.28137	0.1235	0.08698	0.20487	0.18133
-0.04168	0.23239	0.11625	-0.16033	-0.29109	-0.0665	-0.2118	-0.00757	0.2158
-0.14934	0.06012	0.02395	0.02459	-0.16637	0.07046	0.02681	0.12999	0.09739
-0.18517	-0.32965	-0.14302	0.06133	-0.18022	0.01144	0.03334	-0.02667	0.00873
0.68642	0.87272	0.90975	0.26311	0.33852	0.26078	0.17604	-0.00414	0.03739
-0.20288	-0.17498	-0.24553	-0.09464	-0.13977	-0.08311	-0.01675	-0.063	-0.09727
1.415	2.13344	2.07	0.25523	0.43492	0.14718	0.25534	-0.34827	0.04111

m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
-0.07132	-0.15691	-0.0141	0.00819	0.06221	0.01184	0.18931	0.25819	0.27399
-0.02772	-0.01666	-0.31215	-0.19923	-0.1941	-0.20242	0.32836	0.34748	0.2956
-0.16213	0.00947	-0.27781	-0.17146	-0.07098	0.02789	0.17736	-0.07933	0.0353
-0.74319	-0.32552	0.23811	0.01254	0.14651	0.2432	0.47353	-0.12194	-0.10025
-0.04243	-0.1345	-0.08299	-0.05982	-0.07587	0.04212	0.00991	-0.07351	0.04914
-0.02722	-0.07333	0.05372	0.04377	0.04672	0.1006	0.00428	0.08411	-0.03069
0.01497	0.01081	-0.00359	0.01065	0.05817	0.02616	0.08289	0.09008	0.06562
-0.81158	-0.69303	0.45606	0.42192	0.49256	0.4722	0.47687	0.54718	0.39866
-0.23023	-0.13838	-0.04423	0.04293	0.0369	0.04117	0.20999	0.2031	0.30105
-0.02437	0.07505	-0.03161	-0.03946	0.03789	-0.05157	0.01879	0.06775	-0.01197
-0.11758	-0.03332	-0.18415	-0.04922	-0.06788	-0.08995	0.15945	0.11139	0.11374
0.06956	-0.04485	-0.04131	-0.05441	-0.07202	-0.05297	0.11169	0.08722	0.01094
0.04353	0.08644	-0.20764	-0.20952	-0.10989	-0.034	0.12188	-0.0392	0.09653
-0.88239	-0.74136	0.51524	0.55177	0.62238	0.61108	0.56016	0.55331	0.51995
-0.05199	-0.05318	0.07946	0.08487	0.10224	0.1263	0.22081	0.17141	0.18835
0.01587	-0.11439	-0.0742	-0.03812	-0.04074	-0.05353	-0.04425	-0.03294	-0.12947
0.09953	-0.04181	-0.0364	-0.07315	0.01019	-0.04531	0.18204	0.27002	0.20222
0.14693	0.09864	-0.15635	-0.1124	-0.10709	-0.0548	-0.31984	-0.27542	-0.27154
0.21925	0.1518	0.10234	0.09041	0.09149	0.15207	0.23706	0.24538	0.23989
0.00693	6.20E-04	-0.14235	-0.09485	-0.03055	-0.12405	-0.08935	-0.07418	-0.12597
0.11148	0.14358	0.08832	0.06146	0.11547	0.06403	-0.0253	0.03562	-0.05778
-0.00736	-0.02888	-0.04797	-0.03443	0.04309	0.00247	0.02276	0.04164	0.00452
-0.00532	0.07421	-0.00136	0.02899	0.08537	0.02559	0.12938	0.10984	0.11616
-0.04517	-0.0554	-0.03836	-0.03657	0.02912	-0.01314	-0.00653	-0.08928	-0.04645
0.02974	-0.21053	-0.17294	-0.11655	-0.12788	-0.24417	0.61254	0.18648	0.5338

m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
0.22196	-0.11377	-0.1214	-0.07603	-0.01665	0.2035	0.13346	0.17875	0.209
0.29582	-0.13255	-0.04909	-0.08856	-0.10623	0.26866	0.20909	0.25724	0.17483
-0.1832	-0.04572	-0.06214	-0.01465	0.14241	-0.18393	-0.14624	0.00386	0.13208
-0.01245	-0.32369	-0.14037	-0.27084	-0.32825	0.11216	-0.06618	0.22773	0.80735
0.04313	-0.17346	-0.01493	-0.03261	-0.02518	0.07411	0.04197	7.20E-04	0.09391
0.13305	-0.12288	-0.14171	-0.1559	-0.05192	0.00214	-0.01914	-0.046	0.03742
0.10349	-0.00345	0.05695	-4.00E-04	0.03744	0.08566	-0.0029	0.07888	0.04878
0.47002	-0.49367	-0.42019	-0.5587	-0.42365	0.35758	0.34298	0.27482	0.32443
0.21009	-0.05239	-0.13537	-0.10195	-0.05141	0.02621	0.12308	0.26058	0.08384
-0.02086	-0.04276	0.01928	-0.03292	0.03373	-0.11146	-0.01782	-0.1127	-0.03966
0.07017	0.00888	-0.01629	0.00905	0.05563	0.06881	0.11525	-0.03084	0.09608
-0.0176	-0.01354	-0.02786	0.01654	-0.04539	-0.05525	-0.01999	-0.14379	0.06119
0.1091	-0.06379	-0.08412	-0.00498	0.05181	-0.01025	-0.00759	-0.17476	0.02686
0.52165	-0.47612	-0.43351	-0.49288	-0.42655	0.18909	0.12163	0.12792	0.15262
0.15238	-0.02132	-0.04739	0.05131	0.01689	0.18327	0.2545	0.15926	0.25562
-0.15105	0.1494	1.80E-04	0.07248	-0.13255	-0.06187	-0.00821	-0.03488	0.12367
0.24485	-0.06837	-0.11898	-0.02626	-0.03678	0.12427	0.09136	0.1395	0.12917
-0.29783	-0.02093	-0.01597	0.01882	0.01778	-0.05665	-0.10471	-0.11075	-0.07182
0.22424	-0.11817	-0.08603	-0.03997	-0.08873	0.06572	0.01383	0.02372	0.10199
-0.14831	0.13085	0.07463	0.03438	0.14654	-0.12065	-0.09796	-0.11738	-0.08391
0.02115	0.06374	0.18164	0.06114	0.11999	0.17668	0.18714	0.18154	0.16781
0.06864	0.01565	-0.00151	0.10832	0.0796	-0.07053	-0.01419	-0.0657	0.07366
0.08378	0.03559	0.08903	0.10772	0.08843	0.13444	0.05124	0.0717	0.09033
-0.01465	-0.18636	-0.20188	-0.16617	-0.15389	-0.30875	-0.25249	-0.30141	-0.23972
0.07498	-0.32676	0.10173	0.44687	0.04716	-0.0758	-0.02994	-0.37147	0.0618

high_7d_plus_B_nmg.txt

Probe ID	GenBank #	Sequence	Correlation	Magnitude	SNR	m_liver_lov	m_liver_lov	m_liver_lov
A_43_P11	BM392107	Cdc42 binc	0.97707	0.95832	8.94747	0.12248	0.07713	0.06857
A_42_P65	AA945962	Similar to h	0.97606	1.58065	10.88806	0.13634	0.21883	0.14886
A_42_P49	BE116861	Heterogen	0.96135	1.2455	10.87788	0.0494	0.29009	0.22128
A_43_P10	BQ781097	Ring finger	0.95023	1.01755	8.20606	0.24028	-0.09757	0.17076
A_42_P58	AI177145	Eukaryotic	0.94872	0.8415	9.19604	-0.13246	0.16572	0.01363
A_42_P78	NM_13884	Saccharom	0.94841	1.33145	8.68625	-0.1385	0.28399	0.11085
A_43_P15	BQ191078	Protein kin	0.94593	1.06181	9.37555	-0.0608	0.21299	0.21629
A_42_P61	AA859172	Multiple inc	0.94545	1.37993	12.55695	0.066	0.29555	0.09204
A_42_P68	BF416982	Similar to s	0.94403	1.04536	10.03808	-0.00719	0.1282	0.15816
A_43_P11	AA818404	Similar to F	0.93614	1.21912	8.9418	0.27857	0.11338	0.15388
A_43_P16	BQ211850	Ubiquitin-lil	0.93155	0.64254	6.63244	0.03309	0.07085	0.0685
A_43_P11	NM_01706	Karyopheri	0.93089	1.04558	8.38579	-0.13415	0.15192	0.23968
A_42_P80	BQ201620	Transcriber	0.93084	1.37543	12.68715	-0.12338	0.07893	-0.00801
A_42_P59	BQ202162	Similar to A	0.92903	0.62748	7.39293	0.27275	0.02608	0.11305
A_42_P72	BE099830	Transcriber	0.92841	1.06304	10.15434	0.16913	0.14156	0.00474
A_42_P52	BM387413	CDC42 sm	0.92762	0.83915	9.64048	-0.06178	0.07727	-0.00609
A_43_P14	CA506484	Transcriber	0.92686	0.78582	7.11441	-0.05714	0.0859	0.01198
A_43_P11	CA508481	Eukaryotic	0.92554	0.98545	14.46256	0.29578	0.12875	0.0445
A_42_P79	AI412429	Proliferatin	0.92514	1.50757	11.35365	0.27995	0.64363	0.54768
A_43_P14	AA924077	Data not fo	0.92264	0.69205	10.03162	0.04438	0.04535	0.24828
A_42_P63	BM383803	Peptidylprc	0.9218	0.94779	11.61728	0.14511	0.05241	0.11409
A_43_P16	BU759255	Nin one bir	0.92026	0.79584	11.21578	0.3697	0.36405	0.39232
A_43_P11	BQ209791	Similar to n	0.91988	0.75969	9.19874	-0.07836	0.07159	0.10198
A_42_P70	BQ209762	Similar to e	0.9178	0.87989	8.43067	0.07991	0.09767	0.16962
A_42_P71	AA893807	Transcriber	0.91543	0.85341	9.72022	0.12584	0.20073	0.28968
A_43_P14	NM_01736	Nucleopori	0.91535	0.94245	7.45089	0.18621	-0.01928	0.10339
A_43_P14	CA509937	Guanine nu	0.91425	0.63382	7.09986	0.03632	-0.01927	-0.03648
A_43_P16	AI232346	Similar to F	0.91384	0.90041	9.32473	-0.09957	0.21778	0.22324
A_42_P48	AI171990	Similar to p	0.91318	0.64871	7.55441	0.03161	0.25443	0.07179
A_43_P16	BQ211646	DEAD (Asp	0.91317	1.13701	8.38178	-0.40896	-0.05904	0.07307
A_42_P83	AI230004	Transcriber	0.91277	0.88281	9.47817	0.04489	0.19236	0.3505
A_43_P10	AI598903	Similar to a	0.91272	0.48198	4.70158	0.15247	-0.02991	0.07657
A_42_P53	AI180170	Eukaryotic	0.91191	0.6596	6.4426	0.03024	0.29556	0.01828
A_43_P17	AI412066	Similar to F	0.91151	1.53312	8.10249	-0.11697	0.03568	0.44222
A_43_P12	NM_05379	Protein kin	0.91131	1.10609	11.05066	0.26473	0.18419	0.55127
A_42_P61	BQ190160	Transcriber	0.91119	0.73091	7.40511	0.10707	-0.09596	0.20603
A_43_P11	NM_01301	Tyrosine 3-	0.91105	1.1713	10.32406	-0.07251	0.36477	0.40748
A_42_P75	BQ190250	Transcriber	0.90927	1.31142	15.29696	0.40871	0.46491	0.51101
A_42_P63	AA892987	Similar to T	0.90903	1.14614	16.11168	0.20244	0.28821	0.3876
A_43_P13	NM_03198	Syndecan I	0.90897	0.90907	9.96082	0.01666	0.20002	0.00147
A_43_P13	H31600	Similar to F	0.9087	0.6101	6.24773	0.25797	-0.07472	0.31141
A_43_P15	BQ208532	Cyclin-depr	0.90794	0.67164	9.19006	0.16839	0.33943	0.29177
A_42_P59	BI286733	Forkhead b	0.90777	0.63996	6.36004	0.07441	-0.00383	0.05608
A_42_P52	BF407592	Similar to F	0.9046	0.78225	6.82504	-0.14808	0.09904	0.07048
A_42_P75	BQ203445	Cytidine m	0.90398	0.54927	6.15598	0.32481	0.00299	0.11577
A_42_P77	BQ192740	Transcriber	0.90208	0.91563	7.62287	-0.01695	0.33381	0.33485
A_42_P84	BM385792	Neoplastic	0.90184	3.35576	31.41839	0.63912	0.80538	0.84179
A_43_P14	CA340359	Similar to F	0.90075	0.57187	5.56148	0.20806	0.01824	0.07217
A_43_P14	BM387872	Transcriber	0.90036	0.79909	7.7269	0.12712	0.32521	0.43286
A_43_P19	CB606191	RIO kinase	0.89543	1.35283	8.90907	-0.33921	0.08767	0.01531
A_42_P59	BM387864	Similar to F	0.89526	1.77668	10.94924	0.1129	0.50923	0.165

A_42_P45	BE103417	Transcriber	0.89511	0.81561	9.66076	0.00449	0.35425	0.10975
A_42_P73	AW521344	Transcriber	0.89418	0.81956	7.17515	0.15893	0.18148	0.18755
A_42_P72	CA339586	Transcriber	0.8937	0.98607	7.21901	-0.16521	0.14568	0.23707
A_42_P67	BQ190629	Mitochondr	0.89349	1.13985	10.82957	-0.22219	-0.22739	0.16656
A_43_P12	NM_01928	Actin relate	0.89268	0.89741	9.06421	0.26117	-0.01727	-0.00315
A_42_P60	AA892492	Transcriber	0.89229	0.73383	7.2065	-0.20312	0.12326	0.38904
A_42_P61	BQ190339	Transcriber	0.89186	1.4847	13.98444	0.14298	0.16696	0.39605
A_42_P63	BF551136	Transcripti	0.89105	0.87099	5.55583	0.01589	-0.05888	0.1572
A_42_P67	BG667338	Data not fo	0.89104	1.15662	5.91833	-0.03931	0.04957	-0.21967
A_43_P10	AI008205	Death assc	0.89076	1.22216	8.83583	0.35374	0.57362	0.37242
A_42_P62	BG374711	Similar to a	0.89066	0.63822	7.39405	-0.03142	-0.14743	-0.14191
A_43_P14	AI535415	Peptidylprc	0.89058	0.51923	6.72381	-0.1227	0.04765	0.18069
A_42_P82	BE099675	Transcriber	0.89017	1.768	24.42164	0.5562	0.36655	0.64189
A_42_P58	AI234654	Tumor sus	0.88955	0.48135	6.15423	0.12239	0.09683	0.00725
A_42_P49	BQ199879	CDNA clon	0.88834	1.62063	16.06874	0.68485	0.67462	0.58994
A_42_P72	BF410552	Similar to E	0.88784	0.75093	7.3196	-0.18091	-0.04004	-0.14053
A_42_P74	AW251238	Similar to n	0.88766	1.63171	18.21433	0.15118	-0.01848	0.1195
A_42_P77	AA859622	HGF-regul	0.88748	0.7692	7.63627	0.26612	-0.18595	0.00601
A_42_P81	BI291860	Nucleolar p	0.88632	1.56012	7.58047	0.12851	0.43261	0.7279
A_43_P10	BE110980	Transcriber	0.88483	1.68672	17.38774	-0.46256	-0.49439	-0.56158
A_42_P66	BQ782216	Transcriber	0.88437	0.97558	10.51842	0.20239	0.45921	0.32486
A_42_P76	NM_14587	Fatty acid b	0.88429	2.4002	27.98722	0.68607	0.41817	0.57819
A_42_P52	AA850781	Peptidylprc	0.88411	0.67889	8.04461	-0.06605	-0.13008	0.17155
A_43_P15	CA340813	RAB6A, m	0.88387	0.97212	6.25989	-0.1077	0.39637	0.0681
A_42_P77	BI275878	GCD14/PC	0.88371	1.06032	10.47586	0.31243	0.20263	0.29598
A_42_P60	AA800225	Similar to F	0.88359	0.64661	6.12676	0.142	-0.15154	0.25409
A_43_P14	BG379703	Similar to F	0.88312	0.94321	10.63554	0.40422	0.36049	0.46334
A_42_P66	BG373352	Transcriber	0.88229	0.71643	8.15446	0.11561	0.30159	0.40996
A_42_P47	BQ201884	BCL2-like	0.88006	1.19387	13.13391	-0.08957	0.09011	0.07187
A_43_P13	NM_13870	RAB geran	0.87985	0.69568	8.50448	0.13392	0.15997	0.19583
A_43_P10	AA817907	Similar to c	0.87869	0.55853	5.61184	-0.00335	0.28399	-0.09395
A_42_P49	BE103095	Rho GTPa	0.87856	0.63767	7.91443	0.1647	0.00256	0.26157
A_43_P14	AW251358	Laminin, g	0.87614	1.34667	18.61734	0.45043	0.3961	0.51838
A_42_P58	AI070401	Similar to F	0.87596	0.56796	6.1661	-0.01153	0.26893	0.21044
A_43_P11	NM_01318	Protein kin	0.87427	0.59361	10.24572	0.29461	0.03547	0.09709
A_42_P63	AW144358	Tax1 (hum	0.87343	1.45122	9.09756	0.02191	-0.11288	-0.21709
A_42_P48	AI012285	Data not fo	0.87308	0.57186	6.73045	-0.07411	0.0821	-0.06182
A_42_P64	BQ781323	Triple funct	0.87307	0.67551	8.45548	0.21457	0.23931	0.16591
A_42_P80	BF387389	Similar to F	0.87282	0.90255	6.7319	0.1114	0.18398	0.374
A_43_P14	AW525072	Transcriber	0.87215	0.88378	7.5639	-0.04299	0.34683	0.27783
A_43_P17	CA511538	CDNA clon	0.87168	0.7712	4.35	-0.08719	0.4803	0.09644
A_42_P81	BQ783302	Data not fo	0.87037	0.56227	5.65932	0.12438	0.20961	0.05799
A_43_P10	BQ206877	SUMO/sen	0.86987	0.66763	5.83012	0.1896	0.3486	0.33808
A_42_P67	NM_03164	Core prom	0.86973	1.70425	13.29531	0.50442	0.30828	0.55477
A_43_P12	NM_02184	Myeloid ce	0.86919	1.40519	10.38628	0.19134	0.29857	-0.0176
A_42_P58	AA900771	Transcriber	0.86856	0.67241	8.56338	0.05662	0.03277	0.11258
A_42_P55	AA818446	Similar to F	0.86848	0.60065	5.6672	-0.0547	-0.17275	0.15737
A_43_P12	NM_02238	Proliferatin	0.86841	0.82727	9.43377	0.195	-0.02188	0.24528
A_42_P58	AW914961	General tra	0.8684	1.03675	6.26944	-0.18902	0.26045	0.37292
A_43_P16	CA507587	Similar to u	0.86787	0.48724	6.6253	0.08331	0.08461	0.12637
A_43_P11	NM_01264	HLA-B-ass	0.86782	0.97821	8.68324	-0.01379	-0.15293	-0.19224
A_43_P10	BF548044	Similar to E	0.86703	0.91556	6.74385	0.18861	0.21354	0.02306

A_42_P59:AW251358	Laminin, ga	0.86577	1.30107	15.11944	0.26335	0.50532	0.40408
A_43_P15:AF473850	YTH doma	0.86548	1.12134	9.23039	0.22236	0.33999	0.37389
A_42_P60:AI547698	Similar to F	0.86473	0.55564	5.93048	-0.10161	-0.09067	-0.09449
A_42_P66:BI302656	Similar to 4	0.86431	0.9749	5.72751	-0.13108	0.35395	0.32084
A_43_P12:NM_05337	Translocas	0.86359	0.70152	10.12309	-0.04667	-0.04802	-0.0213
A_42_P67:BI300464	Similar to T	0.86318	0.99123	10.07743	0.04171	0.18036	0.24255
A_43_P14:AI234106	Ubiquitin-lil	0.86305	0.56642	7.25926	0.2592	0.16669	0.2491
A_42_P52:BG671136	Similar to E	0.8616	1.2031	7.54623	-0.1465	0.46031	0.4059
A_42_P64:BQ209772	MAP kinas	0.8606	1.1637	13.05386	0.25261	0.48626	0.45054
A_42_P60:AW525072	Transcriber	0.8605	0.49115	7.24602	0.01491	0.07069	0.21823
A_42_P69:NM_13886	Leukotrien	0.86049	1.47387	13.62563	-0.25437	-0.0607	-4.70E-04
A_42_P53:AI175668	Transcriber	0.85981	0.66908	9.81334	0.08967	0.09356	0.19665
A_42_P65:AW917841	Cortactin is	0.85907	0.55822	7.09526	0.16378	0.29253	-0.01086
A_43_P11:NM_01735	RAB10, me	0.85893	0.93848	5.21494	-0.55249	0.29175	0.13355
A_43_P11:BF552637	Tumor nec	0.85862	1.05273	16.0175	0.12522	0.3826	0.32284
A_42_P53:AW921193	Solute carr	0.85836	0.72871	5.64645	0.30072	0.01348	-0.08592
A_43_P10:AI103428	Retinoic ac	0.85813	0.7053	7.59302	-0.08474	0.30166	0.23903
A_43_P14:BG379328	Calcium hc	0.85797	0.57466	7.03583	-0.2937	0.14363	0.18923
A_42_P72:AI230617	Adenylosuc	0.85753	0.63003	7.54481	0.11439	0.22876	0.13853
A_42_P66:AI070121	Transcriber	0.85666	0.61585	7.05827	0.19664	0.21647	0.24387
A_42_P74:BF284155	Similar to s	0.85529	1.08104	7.06195	-0.09497	-0.09576	0.27146
A_43_P12:NM_02440	Axin 1	0.85523	0.56384	7.54448	0.2138	0.20683	0.24529
A_42_P56:BQ206691	DOT1-like,	0.85478	1.28997	8.68796	0.10492	0.48531	0.5424
A_43_P12:NM_02279	Nuclear ub	0.85476	0.53998	4.61845	-0.11531	-0.13354	-0.25711
A_42_P81:BF287009	CCAAT/en	0.85432	1.03193	6.45836	-0.49699	0.46065	0.46255
A_42_P54:BF284014	Similar to c	0.85394	0.53787	7.52656	-0.21237	0.10826	0.09542
A_43_P10:AA956317	Transcriber	0.85292	0.79737	6.92157	0.33696	0.06925	0.45375
A_42_P83:BG374179	Similar to T	0.85279	1.11432	5.30246	0.01832	0.59457	0.06053
A_42_P45:AW533281	TWIST nei	0.85189	0.83121	7.45788	-0.04118	0.27781	0.2547
A_42_P45:BE117966	Beta-caten	0.8516	0.61251	6.49819	-0.08807	0.09784	0.19209
A_42_P80:NM_01736	PDZ and L	0.85151	0.64956	8.39207	0.02452	0.13764	0.28178
A_42_P69:BQ200920	Similar to F	0.85101	0.56608	6.24855	-0.02668	0.0228	-0.02045
A_43_P18:BF549592	Phospholip	0.85089	1.1054	9.55749	0.05379	0.70729	0.32351
A_43_P13:BQ210099	Retinoic ac	0.8507	0.52243	4.80263	-0.10493	0.07555	0.05558

m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov	m_liver_lov
0.08363	-0.28126	0.11927	-0.36802	-0.32432	0.08451	0.13299	0.11136	0.15859
0.167	-0.30059	-0.04658	-0.66173	-0.65124	0.49555	0.25815	0.01808	0.38717
0.05508	-0.41227	0.05505	-0.46622	-0.4738	0.11903	0.27438	0.13909	0.09971
0.11082	-0.12537	-0.1502	-0.6164	-0.34458	0.02855	0.24137	-0.04355	0.17856
0.11991	-0.20429	-0.0664	-0.21044	-0.17916	0.19319	0.0936	0.22971	0.27824
0.1696	-0.55689	0.09109	-0.34795	-0.35456	0.23015	0.01972	0.07023	0.23239
-0.04294	-0.48766	0.02849	-0.49318	-0.4569	-0.15438	0.24358	0.05573	0.06445
0.39158	-0.3587	-0.11981	-0.40142	-0.25056	0.41572	0.34981	0.17158	0.20863
0.03705	-0.73682	-0.0597	-0.24642	-0.26844	0.27801	0.25718	0.02068	0.13331
0.17774	-0.46937	0.05399	-0.25714	-0.40652	0.31164	0.27537	0.23902	0.92551
-0.01387	-0.06372	-0.03648	-0.47416	-0.41105	0.14971	0.18944	0.07388	0.03641
0.12186	-0.31241	-0.00739	-0.45866	-0.45865	-0.05944	-0.02376	-0.10247	0.06953
-0.23737	-0.45593	0.06818	-0.35047	-0.1982	0.10672	0.45273	0.28033	0.17645
0.11789	-0.27767	-0.04323	-0.33071	-0.20776	0.01596	0.22807	-0.14382	0.01287
0.14622	-0.12704	0.09399	-0.03174	-0.04726	0.23176	0.24323	-0.11637	0.43424
0.05119	-0.13123	-0.04734	-0.29907	-0.13432	0.25017	0.39986	0.08215	0.29998
-0.02493	-0.41131	0.05968	-0.4908	-0.41476	0.09228	0.13963	0.08262	0.12582
0.02115	-0.22427	-0.20497	-0.3255	-0.16502	0.3659	0.4484	0.29463	0.28833
0.39232	-0.61728	0.04943	-0.69311	-0.5869	-0.1041	0.23752	-0.00858	-0.06171
0.12131	-0.18553	0.0347	-0.08871	-0.08459	-0.02898	0.40387	0.11294	0.05936
0.46725	-0.43166	-0.15593	-0.11805	-0.07362	0.36652	0.4418	0.25508	0.25469
0.41999	-0.26433	0.06716	0.0884	0.06751	0.31497	0.54099	0.40844	0.32182
-0.03311	-0.09896	-0.06932	-0.40053	-0.33497	0.05068	0.13023	0.0354	0.15812
0.1907	-0.05604	-3.00E-05	-0.17063	-0.13107	0.34589	0.49657	0.21788	0.26199
0.42548	-0.24174	-0.07134	-0.21732	-0.34277	0.12327	0.16237	-0.03031	0.1262
0.14225	-0.3664	0.1747	-0.36981	-0.26099	0.1049	0.23414	0.07726	0.06656
-0.0997	-0.06637	-0.03047	-0.42838	-0.23605	-0.02191	0.13183	-0.15338	-0.02849
0.00525	-0.27447	0.02984	-0.23829	-0.23931	0.05355	0.13259	0.04302	-0.03531
0.13276	-0.26772	-0.10226	-0.17856	-0.17147	0.20782	0.01444	-0.11557	0.08275
0.1629	-0.42861	0.10302	-0.34036	-0.45352	0.123	0.13332	0.07577	0.29499
0.15039	-0.10243	0.1324	-0.1517	-0.17652	-0.11547	0.16473	0.07167	0.08728
0.0534	0.08869	-0.08524	-0.32134	-0.23914	0.0261	0.14436	-0.20154	-0.02876
0.05461	-0.03619	-0.07418	-0.23844	-0.27403	0.17077	0.03404	0.12106	0.00972
0.520209	-0.62913	0.21801	-0.12034	-0.41498	0.01465	0.49761	0.19142	-0.08932
0.30831	-0.08439	0.10387	-0.13401	-0.10344	-0.04943	0.39027	0.10389	0.46789
0.04431	-0.11141	0.01381	-0.40049	-0.31225	0.22166	0.47151	0.19624	0.32113
0.38111	-0.41341	-0.00609	-0.29957	-0.08429	0.20062	0.34503	0.1515	0.19862
0.33906	-0.30351	-0.16617	-0.4764	-0.6068	0.1533	0.41824	0.21386	0.3123
0.24179	-0.25498	0.07787	-0.14869	-0.19081	0.1116	0.2977	0.11239	0.18995
-0.06573	-0.31479	-0.04837	-0.30745	-0.24054	0.06927	0.23397	0.12962	0.06295
0.32906	-0.02956	0.00112	-0.40422	-0.1594	0.02858	0.14795	-0.10134	0.12855
0.32824	-0.10212	0.02752	-0.23474	-0.16894	0.01558	0.18545	0.03409	0.04954
0.29535	-0.28792	-0.11899	-0.29668	-0.06846	0.36926	0.15656	0.27912	0.29924
-0.25837	-0.41173	0.20881	-0.09196	-0.24468	-0.09049	0.36965	0.15025	0.07888
0.21279	-0.15878	-0.04466	-0.21225	-0.1369	0.09741	0.28523	-0.11973	0.09094
0.19162	-0.62559	0.13852	-0.17048	-0.29638	0.25995	0.05581	0.20186	0.01986
0.77701	-0.28111	0.18977	-0.24395	-0.15599	0.12051	0.37169	0.13908	0.15063
0.13197	0.06523	-0.14178	-0.32594	-0.20078	0.164	0.21603	-0.13155	0.23076
0.28913	-0.01445	0.14014	-0.12358	-0.11274	0.11702	0.3536	0.08429	0.04104
0.3279	-0.5627	-0.09929	-0.20538	-0.14689	0.0227	-0.10024	-0.25212	-0.05175
0.30919	-0.55068	-0.03693	-0.75489	-0.79338	0.22284	0.17186	0.06212	0.21532

-0.03013	-0.29533	-0.08123	-0.25491	-0.24304	-0.01153	-0.01076	-0.03647	-0.03181
0.23349	-0.08952	-0.04284	-0.42928	-0.21362	0.34896	0.0779	-0.01553	0.21686
-0.04524	-0.58357	0.12109	-0.38699	-0.47855	-0.03795	-0.04481	0.24266	-0.11455
-0.01394	-0.59427	-0.15407	-0.19691	-0.30815	0.2645	0.35445	0.45603	0.41309
0.13628	-0.10934	-0.23293	-0.3145	-0.01634	0.03675	0.31287	-0.0842	0.20586
0.26149	-0.19208	0.06119	-0.35277	-0.20816	0.13035	0.10303	-0.10082	0.00666
0.31998	-0.4273	-0.32645	-0.56591	-0.36919	-0.18753	0.15682	-0.31926	-0.19623
0.28393	-0.49143	-0.04707	-0.0469	0.09442	0.3109	0.36999	0.00546	0.48335
0.07955	0.03497	-0.09929	-0.6407	-0.369	0.51136	0.11357	-0.00375	0.71005
0.40023	-0.43581	-0.13884	-0.79613	-0.58942	0.09064	0.01808	-0.19546	0.02166
-0.20374	-0.0721	0.15977	-0.13772	-0.11986	0.12005	0.12959	0.14129	0.16801
0.06375	0.00564	-0.01148	-0.26672	-0.06373	0.01008	0.25874	0.02376	0.19537
0.53871	-0.25669	-0.24359	-0.35331	-0.25486	0.03194	0.14064	-0.1187	0.02038
0.07184	0.13354	-0.03491	-0.31529	-0.11402	0.16018	0.20814	-0.06234	0.10011
0.78642	-0.17613	-0.12072	0.07061	0.20441	0.55585	0.52182	0.36569	0.5434
-0.13776	-0.25827	0.17993	-0.34072	-0.02603	0.36419	0.30678	0.33055	0.35542
0.21712	0.00457	-0.0201	-0.06048	-0.03386	0.34474	0.4447	0.16424	0.32594
0.21562	0.0632	0.04149	-0.13507	0.06225	0.36037	0.43115	-0.00337	0.31159
0.58902	-0.74212	0.17207	-0.36094	-0.15829	0.1206	0.27475	0.4021	0.08197
-0.56792	-0.53865	-0.35884	-0.73314	-0.62852	0.01203	0.16175	-0.18588	0.25783
0.1522	-0.18279	-0.05274	-0.35206	-0.43006	-0.08396	0.08862	0.10648	0.02263
0.50918	-0.74317	-0.58452	-0.82429	-0.82108	0.36666	0.84455	0.48987	0.47639
0.08692	-0.14647	-0.04619	-0.17673	0.01165	0.14433	0.43196	0.0736	0.14594
-0.05982	-0.30768	-0.02059	-0.34592	-0.57271	-0.09068	0.09001	0.22957	0.02181
0.3927	-0.07859	-0.07306	0.00107	0.13609	0.21824	0.42838	0.30455	0.3273
0.12994	0.14931	-0.0198	-0.3717	-0.0921	0.43037	0.59814	0.27991	0.51299
0.36719	0.00735	-0.03028	-0.35977	-0.15801	0.16425	0.2199	-0.01735	0.13344
0.24954	-0.19852	-0.11607	-0.43604	-0.45266	-0.03398	0.07298	0.08284	-0.02302
0.01433	-0.75279	-0.41615	-0.69259	-0.6372	0.13759	0.28035	0.15129	0.33785
0.32148	-0.26294	-0.0719	-0.09838	-0.06754	-0.02058	-0.04443	-0.09684	0.0725
-0.16864	-0.10245	0.05517	-0.07674	-0.07702	0.37824	0.21426	0.11421	0.1264
0.15058	-0.14631	-0.05487	-0.18907	-0.17244	-0.05317	0.12904	-0.0025	0.06475
0.44219	-0.36281	-0.2616	-0.54292	-0.33623	0.15778	0.46546	0.19995	0.36608
0.1177	-0.2456	0.12502	-0.04059	-0.14291	0.17211	0.27794	0.36719	0.09591
0.14704	-0.00314	-0.02683	0.01781	0.1424	0.2306	0.3359	0.17684	0.31666
0.09349	0.09378	-0.19631	-0.4924	-0.16245	0.21675	0.0374	-0.45916	-0.02262
0.13467	-0.07165	-0.05997	-0.19569	0.08145	0.18959	0.23677	0.17166	0.09841
0.19495	-0.2603	0.06897	-0.11457	-0.12985	-0.00242	0.10468	0.1124	0.08341
0.408	0.01388	0.11255	-0.30198	-0.48215	-0.12961	0.09176	-0.19678	-0.00566
0.00969	-0.7232	0.0477	-0.14665	-0.44301	-0.05521	-0.01745	0.29249	0.05602
-0.10428	-0.33261	0.24697	-0.37851	-0.43257	0.35344	0.22419	-0.14687	-0.01084
0.21413	-0.09233	-0.13	-0.44647	-0.16426	0.33548	0.22832	0.1313	0.22593
0.10235	-0.24942	0.16788	-0.23177	-0.29286	-0.05224	0.15572	-0.00617	-0.18416
0.70667	-0.8281	0.03625	-0.33774	-0.27684	-0.03095	0.11129	-0.10723	-0.02584
0.21708	-0.57119	-0.05441	-0.46253	-0.31369	0.09338	-0.15606	0.02672	0.24045
-0.02393	-0.38862	-0.048	-0.35968	-0.41746	-0.18997	0.08633	-0.09424	-0.14041
0.07656	-0.17456	0.08827	-0.09843	-0.09258	0.02918	0.38146	-0.14801	0.17849
0.13628	-0.54976	-0.02077	-0.29594	-0.33901	-0.04579	0.08206	-0.05844	-0.06339
0.23537	-0.69685	0.24423	-0.04529	-0.26337	-0.20391	0.33533	0.11656	-0.05371
0.14176	-0.10501	0.06487	-0.0992	-0.06327	-0.07411	0.11411	0.00646	0.07683
-0.10908	-0.25255	-0.12449	-0.47391	-0.30816	0.09283	-0.10608	0.07857	0.09277
0.01772	-0.41249	0.20607	0.01141	-0.35068	0.37413	0.25962	0.20361	0.38811

0.34972	-0.53485	-0.35313	-0.35238	-0.54984	0.15867	0.21862	0.33331	0.30634
0.40893	-0.27448	-0.02833	-0.53408	-0.18424	0.33981	0.12063	0.06773	0.18705
-0.11545	-0.14451	0.01269	-0.39846	-0.30592	0.03737	0.10814	-0.05869	0.25264
0.24446	-0.7978	0.1731	-0.33916	-0.47412	-0.08391	-0.14906	0.26235	-0.14791
0.00365	-0.10333	-0.11976	-0.41935	-0.14738	0.04199	0.32405	0.02446	0.11482
0.08864	-0.23888	0.27562	-0.19921	-0.26723	0.02784	0.20818	0.41209	0.08216
0.17114	-0.24029	0.06167	-0.11733	-0.05422	0.07317	0.15281	-0.09362	0.06261
0.25845	-0.68188	0.06177	-0.33646	-0.31203	-0.19201	-0.15619	-0.0166	-0.25139
0.53524	-0.17902	-0.24664	-0.38958	-0.32764	-0.03142	-0.14894	0.15687	0.04274
0.10669	-0.2236	-0.07311	-0.06398	-0.15512	-0.02173	0.03322	-0.03208	0.11062
0.10922	-0.23078	-0.06829	0.06204	0.18231	0.31362	0.19069	0.02293	0.1809
-0.03283	-0.26831	-0.09744	-0.3414	-0.26878	0.08483	0.2561	0.15397	0.12016
0.04522	0.07346	-0.0325	-0.25976	-0.17921	-0.09747	0.09589	0.0183	0.02755
0.14141	-0.7957	-0.0421	-0.04011	-0.31036	0.16436	0.0149	0.09381	0.2082
0.11786	-0.32028	-0.03066	-0.0787	-0.18966	0.1398	0.17591	0.24939	0.17188
0.05311	0.08979	-0.19751	-0.14052	-0.02254	0.2589	0.47509	0.12611	0.27933
-0.146	-0.24986	-0.03485	-0.20065	-0.19506	-0.20912	0.02799	0.05856	0.078
4.50E-04	-0.17044	0.0678	0.20132	0.11476	0.07229	0.27367	0.13696	0.24662
0.29489	-0.1305	0.03251	-0.25578	-0.2215	0.31751	0.23309	0.10362	0.09046
0.02433	-0.17997	0.06955	-0.32521	-0.30069	-0.034	0.18786	-0.03532	-0.03219
0.21119	-0.7449	0.07076	-0.27621	-0.20916	0.07163	0.19789	-0.36313	-0.14134
0.21645	-0.08305	0.08747	-0.17306	-0.21157	-0.00972	0.21662	0.11691	0.1668
0.49995	-0.73086	0.10811	0.05655	-0.35683	0.18031	0.20164	-0.00491	-0.02763
-0.07793	-0.04817	-0.08836	-0.372	-0.31534	0.23693	0.20748	0.05868	0.35153
0.31881	-0.39242	0.11523	-0.00529	0.02133	0.28844	0.50607	0.41121	0.3613
0.01257	-0.06463	0.09742	-0.01036	-0.0212	0.12003	0.32039	0.28593	0.06455
0.47586	-0.05685	-0.0987	-0.27631	0.05519	0.03674	0.41336	-0.10842	0.13786
0.61441	-0.60745	0.07727	-0.05248	-0.63126	0.41373	0.11956	0.06215	0.24167
0.0888	-0.27492	-0.1957	-0.18593	-0.08868	0.23393	0.11787	0.13339	0.04441
-0.00429	-0.14313	0.22791	-0.29118	-0.1364	-0.01619	0.13439	0.25182	0.01159
0.11404	-0.06499	0.03891	0.07547	0.06858	0.03318	0.09296	0.20654	0.02365
0.04458	-0.23208	0.01483	-0.36776	-0.33461	0.38507	0.30763	0.14301	0.17271
0.27499	-0.35076	-0.23331	-0.24519	-0.43894	-0.24714	-0.42781	-0.20626	-0.11458
-0.2542	-0.21806	0.14992	-0.32135	-0.36681	-0.08609	0.13991	0.21536	0.04891

m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç	m_liver_hiç
0.81483	0.7549	0.68133	0.63953	0.30573	0.42533	-0.11611	-0.14002	1.02257
0.67485	0.99954	0.97868	1.05582	0.5961	0.58551	0.05713	0.18711	1.54047
0.44116	0.66046	0.67307	0.53927	0.36104	0.44559	0.10258	0.07228	1.16149
0.68515	0.61364	0.62175	0.79197	0.32382	0.28465	-0.39682	-0.21973	0.99808
0.57483	0.56324	0.5236	0.57692	0.45452	0.46083	0.15819	0.15949	0.9214
0.85723	1.04384	0.88638	1.05893	0.50473	0.71058	0.42648	0.47133	1.53168
0.70223	0.65327	0.86063	0.62186	0.09356	0.22664	-0.12902	-0.21925	0.80044
0.766	0.9212	0.79251	0.81229	0.62731	0.58148	0.42649	0.49723	1.56608
0.62323	0.64149	0.91905	0.6863	0.14225	0.05986	0.06584	-0.03056	0.94077
0.81508	0.77938	1.17866	0.92384	0.3198	0.49836	0.35792	0.11802	1.20797
0.30983	0.46178	0.34863	0.44455	0.10465	0.21962	-0.27946	-0.11985	0.62017
0.39485	0.42657	0.7468	0.59594	0.19388	0.13663	0.03604	0.07552	0.89886
0.89928	0.89196	1.12073	0.8829	0.11503	0.18824	0.25869	0.26022	1.28819
0.2077	0.25761	0.39006	0.41491	0.18128	0.11842	-0.13066	0.00894	0.69863
0.83102	0.84381	1.25277	1.07147	0.45613	0.50387	0.40359	0.24614	1.07004
0.72861	0.49203	0.57042	0.63736	0.5033	0.39124	0.23057	0.32089	0.99437
0.38588	0.27876	0.24214	0.42477	0.26777	0.20672	-0.18944	-0.05881	0.87449
0.84648	0.69424	0.47514	0.71639	0.223	0.17281	0.16303	0.25684	0.86147
1.05366	1.13711	0.99885	0.99279	0.30534	0.40558	-8.80E-04	0.04106	1.37607
0.54475	0.61947	0.70193	0.57794	0.37942	0.33849	0.24678	0.20138	0.67384
0.82417	0.74549	0.73686	0.70539	0.21066	0.21426	0.24321	0.22476	0.91263
0.70159	0.67213	0.73619	0.70483	0.46825	0.42588	0.40826	0.4158	0.92309
0.18519	0.22497	0.30088	0.24773	0.18475	0.29542	-0.12927	-0.03812	0.73579
0.70344	0.73508	0.72786	0.99542	0.46257	0.48542	0.17515	0.20366	0.83765
0.40083	0.43723	0.76361	0.70646	0.12517	0.14931	-0.04581	-0.03759	0.80465
0.47234	0.47004	0.92509	0.96338	0.28107	0.38107	0.19889	0.20896	0.91771
0.27182	0.2594	0.29566	0.33513	0.13509	0.14009	-0.25475	-0.04466	0.67167
0.54702	0.7069	0.63485	0.64051	0.46626	0.57315	0.28817	0.30625	0.89023
0.41564	0.52982	0.48088	0.42254	0.31243	0.5023	0.14424	0.20086	0.79911
0.83432	0.75619	0.97421	0.86386	-0.03223	0.20159	0.2437	0.09427	1.05309
0.55103	0.36863	0.7636	0.72591	0.27529	0.1696	0.32997	0.36574	0.75349
0.29072	0.31475	0.27706	0.48836	0.08955	0.19218	-0.31322	-0.16625	0.46884
0.31882	0.67345	0.32307	0.42789	0.30761	0.5015	0.16639	0.25914	0.7222
0.96171	1.29991	1.63396	1.29045	0.41151	0.76172	0.59761	0.2386	1.37596
0.7479	0.61515	1.13145	0.92242	0.50787	0.25798	0.45182	0.44827	1.04172
0.45147	0.38201	0.62784	0.65198	0.29965	0.26345	-0.21455	-0.14598	0.56553
1.05723	1.07241	0.89512	0.85707	0.50791	0.49502	0.43111	0.56663	1.40791
0.95614	0.78711	0.96242	0.98712	0.18088	0.25427	-0.14638	0.02205	0.73555
0.91004	0.88594	1.2161	1.05587	0.58792	0.476	0.54246	0.52591	1.02097
0.73668	0.48409	0.74014	0.7642	0.28622	0.13642	0.23338	0.25855	0.86024
0.40285	0.32388	0.54721	0.57442	0.34468	0.21787	-0.09264	0.12888	0.62653
0.65522	0.49902	0.4874	0.56664	0.19779	0.14083	-0.04201	0.16385	0.67884
0.38127	0.36609	0.45734	0.58307	0.17094	0.19136	-0.15296	-0.01735	0.68242
0.53833	0.71607	0.67405	0.661	0.01954	0.19967	0.26634	0.10311	0.8017
0.22698	0.3622	0.34867	0.37504	0.35377	0.25367	-0.08286	-0.04039	0.64508
0.47234	0.77497	0.80529	0.656	0.13389	0.34798	0.12829	0.1232	0.88117
2.58518	2.41779	2.78266	2.61906	0.69579	0.60031	0.72608	0.72512	2.25574
0.36336	0.2653	0.09637	0.36573	0.34006	0.32755	-0.08172	0.06173	0.66192
0.429	0.77218	0.82412	0.71726	0.54753	0.32887	0.19349	0.27086	0.99028
0.80622	1.333673	1.20332	1.05383	0.34301	0.47064	0.50897	0.4308	1.25945
1.30726	1.03792	1.30257	1.3141	0.54126	0.57254	-0.13246	-0.06933	1.26906

0.46343	0.48657	0.67582	0.76213	0.28176	0.41267	0.23645	0.22839	0.64814
0.14454	0.29111	0.49133	0.66656	0.30036	0.28458	0.2402	0.27064	0.8021
0.14106	0.40719	0.46765	0.44587	0.03537	0.39345	-0.02323	-0.11129	0.78393
0.64618	0.64882	0.90793	0.89834	0.48362	0.48163	0.26503	0.27273	0.80639
0.77064	0.32239	0.48584	0.63653	0.43139	0.08655	0.07364	0.29216	0.91252
0.2816	0.31905	0.3871	0.37522	0.30315	0.10928	0.03609	0.16898	0.84914
0.77292	0.69859	0.74219	0.90384	0.47323	0.02641	0.15886	0.31614	1.37363
0.50402	0.66015	0.94592	0.73847	0.22824	0.20294	0.37272	0.3458	1.08916
0.66373	0.68529	0.88149	1.03953	0.64458	0.65869	0.36619	0.52172	1.14031
0.6403	0.50585	0.86958	0.91272	0.10621	0.12859	-0.30506	-0.22815	0.97124
0.26011	0.33088	0.44691	0.496	0.11522	0.4101	0.00576	-0.02729	0.55212
0.38688	0.2455	0.3999	0.35503	0.06421	-0.10269	-0.07391	0.13294	0.6707
1.41949	1.48199	1.51379	1.54828	0.20925	0.28901	-0.04423	0.07539	1.2151
0.21883	0.21052	0.25821	0.35003	0.34463	0.29754	0.06614	0.21807	0.6386
1.52974	1.47611	1.55448	1.61762	0.81388	0.77267	0.90808	1.0595	1.64394
0.48936	0.31645	0.7867	0.52338	0.17371	0.33615	0.32538	0.24603	0.85617
0.87049	0.8561	0.82294	0.99684	0.65998	0.85057	0.47002	0.53716	1.31511
0.80349	0.63432	0.61575	0.75143	0.55466	0.4297	0.06944	0.28538	0.92013
1.14767	1.37118	1.64989	0.98244	0.72189	0.6864	0.35002	0.59128	1.52184
0.79995	0.66824	0.85495	0.75223	0.19335	0.35588	0.12723	-0.04229	1.29321
0.48233	0.55219	0.61289	0.57526	0.00322	0.30603	0.13446	-0.04671	0.80056
1.52647	1.26553	1.4678	1.30715	0.48392	0.56429	0.15754	0.21435	1.70719
0.47639	0.39386	0.49726	0.46001	0.25169	0.16556	0.08165	0.21016	0.86755
0.10872	0.59289	0.31576	0.324	0.19754	0.69537	0.24141	0.23947	1.01729
0.91931	0.94024	1.19295	1.09581	0.38902	0.18657	0.4688	0.67897	0.94828
0.57725	0.48689	0.47391	0.71412	0.46363	0.4408	-0.04294	0.20109	0.70852
0.65692	0.70877	0.92633	0.94013	0.44794	0.56252	0.3387	0.44072	0.83099
0.21249	0.35392	0.37509	0.43879	0.24251	0.31335	0.04665	0.09693	0.48605
0.5322	0.44984	0.55735	0.43221	-0.09941	-0.10655	-0.46536	-0.49971	0.75791
0.50335	0.62378	0.58969	0.56515	0.15245	0.27756	0.24383	0.27248	0.79464
0.42084	0.44282	0.27874	0.35079	0.22078	0.44687	0.10169	0.23127	0.83438
0.2238	0.42873	0.56526	0.48977	0.24979	0.25025	-0.00845	0.03537	0.53302
0.93418	0.84859	0.92029	1.18007	-0.03622	-0.30481	-0.21683	-0.10453	0.79001
0.45314	0.55973	0.46492	0.48995	0.20262	0.56078	0.46371	0.31812	0.68948
0.52584	0.55745	0.45182	0.50652	0.36365	0.25448	0.26667	0.38358	0.5904
1.24389	1.04531	0.96731	1.32036	0.80147	0.30029	0.2218	0.80411	1.40901
0.41425	0.29407	0.4095	0.23922	0.36708	0.17883	0.27741	0.25661	0.60748
0.32871	0.57888	0.65679	0.70191	0.03483	0.1496	0.04791	-0.30959	0.60338
0.48614	0.64269	1.01956	0.8041	0.45667	0.62072	0.15994	0.39086	0.77419
0.2854	0.59137	0.63318	0.4828	-0.00432	0.29158	0.29509	0.09714	0.65691
0.37465	0.36885	0.39546	0.22568	0.28178	0.68459	-0.05554	-0.14402	0.9103
0.20824	0.30621	0.42489	0.47667	0.14259	-0.01411	-0.22904	-0.05134	0.62267
0.38139	0.66082	0.53046	0.49166	0.06853	0.38577	-0.03179	-0.03399	0.62059
1.42661	1.10252	1.43111	1.45033	1.45656	1.17643	1.14265	1.2539	1.60173
0.92152	0.997	1.13507	1.16537	0.40579	0.43854	0.22288	0.11068	0.92187
-0.01403	0.10444	0.31505	0.1039	-0.00173	-0.07278	-0.24018	-0.30585	0.38171
0.32558	0.15448	0.461	0.20446	0.43329	0.36575	-0.00149	0.01456	0.74834
0.46588	0.2752	0.72255	0.63998	0.04169	0.20752	0.21177	0.2233	0.40951
0.5055	0.53196	0.93782	0.34361	-0.03144	0.09313	0.24784	0.10652	1.04268
0.32932	0.2895	0.35538	0.4128	0.30094	0.27101	0.18239	0.14903	0.58023
0.23024	0.27196	0.24479	0.45647	0.09305	0.20132	-0.35762	-0.08865	0.99692
0.2072	0.64736	0.5522	0.37771	0.15462	0.70213	0.3952	0.026	0.98852

0.7176	0.79497	1.06571	0.83582	-0.08357	0.24542	-0.00715	-0.14214	0.6093
0.9477	0.67671	0.80214	1.03766	0.17987	0.06554	-0.28226	-0.08256	0.81105
0.16482	0.05599	0.39611	0.25672	0.23963	0.16697	0.13109	0.01065	0.45182
0.24636	0.66157	0.90936	0.54862	-0.05277	0.30559	0.21819	-0.03551	0.75662
0.41	0.21462	0.2117	0.31028	0.29507	0.07447	0.14618	0.26979	0.68658
0.81649	0.69305	1.01362	0.90052	0.53512	0.58779	0.46828	0.41844	0.62703
0.52152	0.48915	0.50305	0.40179	0.08524	0.23222	-0.05354	0.06046	0.65725
0.64962	1.00267	0.97957	0.91195	-0.03145	0.23943	0.43763	0.24791	1.134
0.67963	0.86401	0.96909	0.99919	-0.11328	0.00808	-0.27306	-0.21453	0.862
0.20775	0.14774	0.55446	0.53885	0.13694	0.07816	0.1824	0.26275	0.31958
1.35797	1.40704	1.33647	1.40656	-0.09103	0.00121	0.13728	0.18806	1.02968
0.25385	0.31205	0.55093	0.36823	-0.1993	-0.1099	-0.22926	-0.20146	0.34978
0.28292	0.16749	0.43646	0.27294	0.08177	-0.01431	-0.10611	-0.06973	0.43236
0.51661	0.71807	0.84422	0.4445	0.2207	0.51206	0.53049	0.36216	1.08155
0.84257	0.85721	0.98498	0.90685	0.16569	0.28596	0.18496	0.17779	0.65246
0.78497	0.46769	0.50481	0.78403	0.28051	0.1245	-0.12423	0.16646	0.66301
0.15193	0.25858	0.69677	0.41087	0.09605	0.25012	0.18688	0.142	0.56502
0.52866	0.50126	0.71778	0.4267	0.06032	0.0715	0.31204	0.20869	0.71368
0.47611	0.54211	0.36561	0.56102	0.26422	0.2554	-0.00118	0.16862	0.41747
0.39385	0.46796	0.4338	0.43149	0.07263	0.10677	-0.28576	-0.19578	0.50195
0.82797	0.78761	0.77806	0.77102	0.369	0.24277	0.34625	0.43356	1.17408
0.54932	0.28638	0.4976	0.46055	0.39884	0.209	0.11633	0.17216	0.34093
0.86132	1.23833	1.25068	0.88651	0.33002	0.57393	0.55334	0.31449	1.15813
0.33252	0.24252	0.25189	0.38398	0.33563	0.23978	-0.17116	-0.04519	0.52732
0.77882	1.04958	0.95811	1.08005	0.15786	0.13276	0.34258	0.36823	1.27272
0.45265	0.40092	0.64496	0.51427	0.09204	0.14832	0.13563	0.07203	0.33023
0.75754	0.48855	0.68176	0.88496	0.40094	0.11231	-0.01011	0.16348	0.9762
0.61721	0.70816	0.97996	0.43956	0.2478	0.4025	0.20472	-0.14578	1.23985
0.5843	0.70276	0.63339	0.65916	0.14266	0.51342	0.2296	0.36093	0.54832
0.35235	0.44603	0.2743	0.34093	0.05911	0.08554	0.1415	0.18949	0.716
0.47749	0.57193	0.70674	0.66462	-0.02729	0.22161	0.29565	0.19567	0.41639
0.33411	0.36751	0.31764	0.32546	-0.0032	0.17886	-0.3078	-0.17001	0.58811
0.39139	0.71526	0.71768	0.71149	0.07943	0.35127	0.43751	0.20805	1.03371
0.16786	0.20025	0.48415	0.37052	-0.18742	0.04227	-0.32368	-0.29544	0.36312

m_liver_hiç	m_liver_hiç	m_liver_hiç	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
0.4498	0.71869	0.78787	0.08953	0.09987	0.04155	0.12013	-0.09957	-0.17764
0.68103	1.29973	1.14122	0.10849	-0.03811	0.13542	0.06162	-0.08078	-0.229
0.40853	1.07583	1.03892	0.00681	0.02424	0.02611	0.04491	-0.03447	-0.05732
0.51713	0.67913	0.6393	0.04832	0.05373	0.1052	0.04741	-0.01846	-0.10287
0.28338	0.71746	0.78348	0.11684	0.14671	0.10205	0.12277	-0.12493	-0.0379
0.09203	1.38921	1.14459	0.19314	0.13661	0.11706	0.06598	-0.13913	-0.16888
0.15822	0.59139	0.50475	0.01361	0.00418	-0.03028	-0.00397	-0.10497	-0.14298
0.33356	1.17351	1.31607	0.20172	0.21976	0.16965	0.11011	-0.11521	-0.0873
0.40749	0.64601	0.81135	-0.05319	-0.08925	-0.12983	0.0088	-0.17291	-0.09189
0.70826	0.95623	0.92498	-0.0734	-0.15719	-0.06187	-0.09332	-0.23552	-0.14664
0.1151	0.45742	0.39208	-0.06718	-0.00379	0.03699	-0.0251	0.04735	-0.0413
0.06604	0.84581	1.13451	-0.01934	-0.01041	-0.05971	0.08925	-0.12765	-0.06861
0.56774	1.35496	1.35442	-0.11222	-0.11762	-0.17872	-0.10326	-0.06051	-0.04708
0.11213	0.44456	0.39524	-0.00859	0.03834	-0.00378	-0.03344	0.00391	-0.00351
0.42191	0.87314	0.91804	-0.01026	0.04744	-0.04783	-0.05151	-0.0691	-0.10634
0.35131	0.59407	0.61598	0.14187	0.16018	0.11056	0.1206	-0.21495	-0.21946
0.10425	0.51299	0.39437	-0.02201	-0.1049	-0.13367	0.01291	-0.16145	-0.17895
0.77429	0.74865	0.63761	-0.0269	-0.02281	0.07335	-0.0234	-0.06869	-0.11407
0.55069	1.14931	0.48547	0.06346	-0.00812	0.0311	0.08572	-0.05203	-0.12704
0.43469	0.69607	0.59331	-0.01557	0.05404	0.01638	0.02669	0.07943	0.05487
0.3377	0.5332	0.5777	0.14893	0.15527	0.13261	0.12312	-0.15641	-0.17303
0.5808	0.75657	0.72247	0.10405	0.17699	0.07976	0.13063	-0.13035	-0.05634
0.31736	0.58211	0.49972	-0.02881	-0.16604	0.01982	-0.01137	-0.02272	6.50E-04
0.19957	0.62091	0.57923	0.04755	-0.17839	0.06358	0.06857	0.15245	-0.00528
0.24195	0.69703	0.79683	-0.01724	-0.01269	-0.02996	-0.06942	-0.03785	-0.03227
0.35203	0.92994	0.74762	0.11602	0.10237	-0.01491	0.00518	0.15625	-0.07775
0.14814	0.53047	0.42374	0.12013	0.19348	0.17886	0.06519	0.05363	-0.02872
0.48524	0.89642	0.60751	0.32529	0.47103	0.20085	0.16595	0.09707	-0.07871
-0.00692	0.52014	0.56249	0.02241	0.01816	0.02354	0.03598	-0.00398	-0.07007
0.07929	0.92386	0.91389	0.13558	0.00199	0.02595	0.07273	-0.22716	-0.11404
0.49914	0.94454	1.03583	0.12956	0.02968	0.0888	0.10154	-0.04893	-0.01437
0.01583	0.43686	0.41128	-0.02276	-0.06238	0.02741	0.03605	0.0709	-0.10513
0.16361	0.6486	0.48116	0.07952	-0.14158	0.06226	-0.0177	0.0014	-0.08413
0.85608	1.20796	0.83458	0.13593	-0.07197	-0.0968	0.09418	-0.00773	-0.22608
0.82076	1.11339	1.23052	0.2079	0.17603	0.17294	0.20843	-0.02572	-0.05122
0.32127	0.48208	0.51586	0.02984	0.01129	-0.07986	-0.02712	0.06317	-0.03846
0.19439	1.08011	0.96875	0.17154	0.23589	0.21152	0.25211	0.11934	0.07098
0.39308	0.62007	0.6104	0.10373	0.08459	0.05313	0.08489	-0.10811	-0.17817
0.72908	1.0112	1.12163	-0.06863	-0.06063	-0.07127	-0.09638	0.01932	0.08453
0.40984	0.55407	0.81006	0.21055	0.3658	0.20237	0.29963	-0.08779	-0.16638
0.20658	0.39274	0.46002	-0.06982	-0.11144	-0.02747	0.00758	-0.02325	-0.06609
0.1833	0.46953	0.30484	0.06952	0.08104	0.0556	0.06324	0.02798	0.00141
0.01937	0.4482	0.47913	0.0901	0.08461	0.02143	0.09527	-0.24528	-0.16185
0.24091	0.78357	0.38786	0.09887	0.00687	-0.02969	0.09361	-0.01121	-0.02394
0.29248	0.41071	0.29622	0.059	0.03422	0.03164	0.0264	0.01051	0.0398
0.13069	0.67929	0.60774	0.05552	0.15828	0.11556	0.14091	-0.06298	-0.01789
1.71703	2.10452	2.14751	0.59683	0.4989	0.47761	0.42601	-0.2702	-0.30231
0.21257	0.43255	0.37716	0.05836	-0.07015	0.0909	0.01921	0.07484	7.80E-04
0.77087	0.80662	0.51795	0.26932	0.16793	0.1992	0.26247	0.01829	0.07133
-0.05205	0.96963	1.04246	0.00704	-0.10574	-0.03702	-0.02942	-0.08687	0.00884
0.27631	0.75354	0.79162	0.60037	0.60172	0.42565	0.6065	-0.55777	-0.58262

0.16728	0.80477	0.61209	0.07746	0.14352	0.16618	0.08212	0.15721	0.07563
0.18686	0.76367	0.75034	0.23339	-0.03331	0.09894	0.11254	0.02216	0.01114
0.25187	0.9202	0.66024	-0.0858	-0.12032	0.02059	6.90E-04	0.04813	-0.06112
0.61871	0.94113	0.93976	0.07582	-0.08463	0.03161	0.07464	0.17547	0.07772
0.47707	0.48294	0.74061	0.0861	-0.00763	0.08166	0.09546	-0.24156	-0.24533
0.17158	0.5933	0.62948	-0.05311	0.12278	0.04817	0.0605	0.065	0.05559
0.86764	1.00671	1.00196	0.1269	0.29624	0.18674	0.24616	-0.33684	-0.22438
0.03043	0.78139	0.76915	0.23023	-0.12904	0.11858	0.15156	-0.19568	-0.22932
0.16212	1.23134	1.01867	0.19212	-0.01894	-0.03059	0.01391	-0.16204	-0.02988
0.13089	0.68104	0.61745	0.05061	-0.0621	-0.02187	0.02003	0.01914	-0.14273
0.23223	0.70696	0.53708	-0.01338	0.00919	-0.00596	-0.0516	-0.04157	-0.17444
0.14041	0.45619	0.47333	0.13594	0.21832	0.14546	0.17672	0.08076	0.06516
0.94026	1.24665	1.15867	0.0261	-0.00432	-0.03766	-0.05889	-0.24768	-0.18332
0.13635	0.39402	0.42575	-0.02687	-0.0798	0.01844	-0.02503	-0.02946	-0.06323
0.94858	1.23824	1.29485	0.28819	0.17983	0.21132	0.19577	-0.08163	-0.16469
0.26188	0.63846	0.72201	0.09181	-0.01113	0.05886	0.00483	-0.1758	-0.16425
0.91063	1.21055	1.00633	0.35916	0.10915	0.41357	0.39861	-0.46255	-0.60321
0.42222	0.52512	0.64657	-0.01235	0.04723	-0.02838	-0.03421	-0.10846	-0.07982
0.35366	1.00296	1.29328	0.08646	0.28244	-0.05278	0.35815	-0.24151	-0.09948
0.82272	1.24981	1.12197	0.0383	-0.01194	0.07887	0.01076	0.08727	-0.00227
0.56219	0.83114	0.6908	-0.00919	-0.24892	-0.08323	-0.096	-0.11674	-0.28056
1.71157	1.60918	1.59982	-0.05983	-0.07893	-0.06599	-0.08747	-0.38628	-0.38091
0.44874	0.52259	0.51893	0.18711	0.23449	0.19042	0.27407	0.15201	-0.01166
0.02356	1.00231	0.59842	0.10617	0.03885	0.16509	0.06035	0.01729	-0.01387
0.36347	0.92695	1.21985	0.22977	0.19665	0.1335	0.18814	-0.06031	0.00158
0.29439	0.55257	0.50205	0.09819	0.21206	0.1362	0.03689	0.05507	0.00156
0.27088	0.66648	0.71361	0.10262	0.01422	0.09397	0.0185	0.02502	-0.0622
0.02642	0.55453	0.59543	0.04036	0.11515	0.04132	0.06407	-0.01362	-0.0475
0.26049	0.67765	0.58068	0.07769	-0.01976	0.01588	0.07715	-0.0168	-0.06268
-0.04554	0.69313	0.76449	0.23865	0.15039	0.25118	0.1261	-0.03145	0.00313
0.17381	0.51613	0.50878	-0.00306	-0.01501	0.0087	0.00218	-0.03684	-0.06957
0.28035	0.58999	0.58463	-0.07576	-0.06363	-0.13402	-0.1623	-0.02208	0.02867
0.40275	0.71254	0.43078	0.06208	0.07233	0.05519	0.05071	-0.15371	-0.15374
0.07465	0.56852	0.54848	0.05785	0.0478	0.06315	0.03001	-0.15584	-0.03691
0.35345	0.44623	0.45238	0.11927	0.00409	0.17438	0.17594	-0.03274	-0.06186
0.42348	0.9359	1.21303	0.03502	0.15118	0.0733	0.13918	-0.25479	-0.241
0.31263	0.39355	0.57246	0.15683	0.30429	0.09589	0.1757	-0.16967	-0.08534
0.183	0.57289	0.49478	0.03048	0.02398	-0.00363	0.02196	0.06181	0.09009
0.30292	0.95774	0.65528	0.01181	-0.14439	0.12723	0.00344	-0.06372	0.11247
0.26319	0.80359	0.54626	0.11283	0.24507	0.09596	0.0906	-5.80E-04	-0.00467
0.00102	0.70263	0.57411	0.18111	0.03389	0.11895	0.07156	-0.2168	-0.07545
-0.06638	0.36966	0.41453	-0.00834	0.06237	0.09326	0.05046	-0.05162	-0.17891
0.01943	0.63116	0.36728	-0.0422	0.05123	-0.03056	0.02553	0.00767	0.03761
0.66054	1.09074	1.40096	0.3521	0.37732	0.27977	0.32054	-0.29625	-0.2992
-0.07939	0.7208	0.72395	0.26591	0.15554	0.25876	0.28377	-0.3225	-0.07481
0.15605	0.41787	0.52026	-0.14653	-0.15744	-0.16798	-0.08221	0.01971	-0.07023
0.3929	0.44903	0.53504	0.07237	0.00993	0.01775	0.10071	0.00246	-0.04529
0.24398	0.55024	0.52865	0.2121	0.12819	0.19049	0.15617	-0.11205	-0.22934
0.34111	1.05986	0.94208	0.16115	0.07587	-0.03725	0.02647	-0.06902	0.11215
0.2111	0.30322	0.2369	0.1628	0.07438	0.08874	0.1564	-0.21024	-0.15518
0.3212	0.72183	0.71379	-0.24765	-0.03114	-0.0787	-0.14504	0.06236	0.07054
0.59817	0.9648	0.56505	0.31405	0.18291	0.1215	0.11944	-0.08698	-0.06327

0.56444	0.63763	0.43608	0.11741	-0.17516	0.12661	0.09453	-0.14269	-0.17772
-0.14053	0.43686	0.6898	0.20239	0.20418	0.17893	0.35076	-0.02513	-0.02384
0.07503	0.33156	0.52796	-0.01775	-0.08338	-0.02549	0.09976	0.02855	-0.11029
-0.00308	0.9384	0.76968	0.03061	0.01068	-0.0172	-0.02258	0.13026	0.02243
0.35202	0.55038	0.42728	0.04607	0.1259	0.08554	0.04328	0.01251	0.03808
0.3724	0.52681	0.7335	0.06665	0.00257	0.04548	0.08208	-0.18021	-0.19986
0.03932	0.28238	0.34257	0.15138	0.23959	0.1709	0.23994	-0.01319	-0.10094
-0.03101	1.01672	0.78677	-0.0072	0.09802	0.06774	0.06957	0.0025	0.02794
0.52957	1.06823	0.92524	0.27563	0.35352	0.29879	0.19017	0.02621	-0.08213
0.16487	0.45578	0.46321	0.07902	0.04373	0.03508	0.07491	-0.01191	-0.05475
0.24161	0.77733	0.68203	0.1167	0.11347	0.10362	0.04245	-0.00716	-0.05218
0.25585	0.57444	0.52034	0.04069	0.1222	0.09226	0.0888	0.03984	0.01271
0.26931	0.43318	0.57279	0.08383	0.07688	0.06458	0.00297	-0.04238	-0.05777
-0.13299	0.81381	0.80326	0.18017	0.12116	0.06838	0.25038	-0.24431	-0.1469
0.62122	0.70667	0.49864	-0.06647	-0.11413	-0.09921	-0.05537	0.09323	0.06808
0.36887	0.47371	0.61933	0.15852	0.06854	0.01475	0.01691	-0.3006	0.01866
0.41374	0.70966	0.45238	0.04673	-0.05627	0.02288	0.04243	0.00402	-0.02078
0.40042	0.59024	0.6029	-0.00423	0.04754	-0.03094	-0.00377	0.03299	0.03651
-0.1997	0.31124	0.13556	0.01305	0.03	0.08435	0.05914	-0.05152	-0.1082
0.19498	0.36305	0.17476	0.15591	-0.00699	0.13265	0.18826	0.06695	-0.08595
0.01042	0.72816	0.80839	0.37194	0.31109	0.24229	0.26814	-0.04832	-0.10117
0.35151	0.20674	0.25765	0.08281	0.11748	0.04851	0.07406	-0.19599	-0.10167
0.30687	0.67529	0.74659	0.08981	0.16429	0.01045	0.15483	0.03235	-0.02031
-0.07131	0.39728	0.48277	-0.15802	-0.19774	-0.13355	-0.18675	-0.09004	-0.07306
0.19687	1.02241	0.18903	0.0716	0.20127	0.09616	0.12716	-0.06742	-0.02581
0.26884	0.46311	0.34628	0.10003	0.06782	0.07098	0.08337	0.06349	-0.02401
0.40378	0.48853	0.57478	0.21994	0.2933	0.23848	0.34865	0.08804	-0.0596
0.00654	0.61991	1.37707	0.35848	0.27799	0.05465	0.21704	-0.20833	-0.11692
-0.11844	0.60353	0.49947	0.04138	0.11696	0.106	0.15255	0.09873	-0.10161
0.3073	0.66787	0.41609	-0.12072	-0.02646	-0.1167	-0.00845	0.23043	0.15911
0.30184	0.68421	0.67835	-0.00924	0.04009	0.04964	-0.00387	0.01597	0.0305
-0.10547	0.26254	0.24832	0.00722	0.10951	0.03406	-0.00351	-0.00428	-0.04398
0.35508	0.94285	0.82178	-0.05353	-0.18719	-0.06387	-0.09718	-0.01414	-0.06976
0.06763	0.51438	0.38033	0.02854	0.06815	0.01665	-0.0235	0.07765	-0.08975

m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
-0.05499	-0.11302	0.04143	0.1624	0.0615	0.19992	0.07941	0.17118	0.13526
-0.07501	-0.14553	-0.06518	0.10403	-0.07102	0.0346	0.22737	0.16575	0.19321
0.03647	-0.07918	-0.01569	0.08877	0.08108	0.05016	0.1581	0.25896	0.18564
0.0062	-0.08305	0.1434	0.00309	-0.01907	0.0328	0.10488	0.13756	0.17762
-0.0505	0.03867	0.11168	0.08496	0.03613	0.11939	0.07894	0.12705	0.11739
8.00E-05	-0.131	-0.03807	-0.06672	-0.06923	0.0434	0.18816	0.20413	0.14703
-0.05731	-0.15752	-0.02979	0.0893	0.07612	0.05757	1.10E-04	-0.02651	0.00139
-0.08991	-0.04521	-0.08098	-0.00149	-0.00585	0.02383	0.30729	0.2664	0.28075
-0.03378	-0.08138	-0.09382	-0.11916	0.03601	-0.01471	0.13547	0.12448	0.0729
-0.04624	-0.05823	0.02333	0.21704	0.18986	0.24611	0.05255	0.09153	0.14728
0.00992	-0.08539	0.08065	0.02924	0.0577	0.00941	0.02979	0.19817	-0.0146
-0.03263	-0.19489	-0.05402	-0.13742	-0.02074	-0.10555	0.09495	0.01064	0.06204
-0.05644	-0.0932	0.00183	0.00697	-0.01008	-0.03136	-0.03487	0.08809	0.0644
-0.01073	0.01531	0.04276	-0.00879	0.05411	0.05578	0.02189	0.05475	0.10284
0.0342	-0.11183	0.01579	0.0837	0.0468	0.1332	0.10316	0.03658	0.03918
-0.1632	-0.20326	0.06825	0.23697	0.19092	0.22416	0.09701	0.13545	0.19231
-0.19632	-0.15806	-0.01637	-0.04383	-0.09549	-0.03267	-0.25858	-0.20658	-0.20859
-0.0456	-0.04348	0.0426	0.11974	0.15724	0.11695	0.26038	0.25308	0.2683
-0.04459	-0.15196	-0.03564	0.01337	0.00753	-0.05914	0.39115	0.45411	0.45261
0.05577	0.00533	0.0295	0.01041	0.00424	0.03167	0.10235	0.11878	0.11028
-0.09447	-0.0407	-0.02763	0.11239	0.11279	0.07289	0.19103	0.20777	0.22864
-0.00138	-0.01236	0.11175	0.18645	0.08636	0.12794	0.13245	0.17702	0.25201
-0.01642	-0.03412	0.00895	-0.03786	0.06909	0.01501	-0.01138	0.04926	0.02937
0.13926	-0.027	0.06164	0.05331	0.01272	0.01317	0.0429	0.12093	0.09398
0.03325	-0.04623	-0.08996	-0.03148	-0.06912	-0.00969	-0.06443	-0.02663	-0.05022
0.15604	-0.00752	-0.21103	-0.16981	-0.19081	-0.01173	0.01486	-0.08972	0.01555
0.05201	-0.11179	-0.00119	0.02643	0.05788	0.02504	-0.00203	0.06053	5.00E-04
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-0.00782	0.00648	-0.0795	0.05555	-0.03295	0.0207	0.10442	0.07262	0.19553
-0.01808	-0.12419	0.00474	-0.00234	-0.05106	0.04658	0.02378	0.10417	0.06684
-0.02805	-0.14343	0.03912	0.036	0.07418	0.0895	0.10429	0.19874	0.10889
0.02211	-0.13251	-0.09657	0.07503	-0.07247	0.11179	0.05277	0.1082	0.18918
-0.04212	-0.03766	0.02569	0.0267	0.08887	0.03755	0.12392	0.06828	0.18646
0.13217	0.0205	-0.05194	6.80E-04	-0.03443	0.00738	-0.03067	-0.03015	-0.01846
0.10508	0.00547	-0.08781	-0.03194	-0.10043	-0.06725	0.16507	0.23123	0.21548
-0.07571	-0.10577	0.07711	0.19083	0.13732	0.18897	0.08612	0.04715	0.0614
0.06712	-0.01528	0.05968	0.11921	0.04995	0.16812	0.05735	-0.01681	0.01738
-0.1598	-0.17938	0.20987	0.21262	0.10282	0.21498	0.21702	0.27674	0.17185
-0.01211	-0.0048	-0.00546	-0.03051	0.01699	0.01189	-0.00344	0.08608	0.01708
-0.02404	-0.0529	0.01601	0.0524	0.12014	0.03834	0.06105	0.14569	0.12263
-0.06275	-0.15571	0.03524	0.05318	0.08546	0.11254	0.08338	-0.03229	0.06711
0.10072	-0.04606	0.02595	0.05316	0.04104	0.06407	0.09882	0.08323	0.06129
0.0674	0.04488	-0.01049	-0.01017	-0.0182	0.12544	0.12296	0.01169	0.04176
0.04647	-0.06599	-0.05335	0.0528	0.05299	0.03631	0.1658	0.25188	0.24292
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0.06891	-0.02653	0.01005	0.07307	0.08106	0.02985	0.01887	0.0061	0.02675
0.03486	-0.04067	0.00725	0.06031	-0.00727	0.0626	0.19606	0.19895	0.30302
0.04795	-0.04388	-0.17892	-0.19239	-0.04218	-0.02753	0.20288	0.13152	0.11147
-0.50294	-0.50155	0.18302	0.34894	0.28507	0.36396	0.64859	0.52708	0.58913

0.10173	0.03096	-0.01842	-0.03002	-0.00876	-0.04632	0.11074	0.14519	0.12106
-0.02584	-0.13105	-0.24681	0.11233	-0.02774	-0.0496	0.0344	0.05245	0.03135
-0.05942	-0.1146	-0.04595	-0.00805	-0.11232	-0.01256	0.22358	0.14216	0.15786
0.16029	0.02046	0.07119	0.00359	-0.0051	0.06715	0.02665	0.08139	0.0974
-0.22781	-0.21076	0.09425	0.17756	0.17669	0.17464	0.03764	0.05352	0.08026
0.05088	-0.0271	0.01498	0.01074	-0.02064	0.05559	0.0657	0.05687	0.08424
-0.27424	-0.22879	0.12336	0.08818	0.04006	0.09687	0.42765	0.37391	0.44573
-0.10084	-0.10956	-0.14888	-0.03923	-0.0602	0.13092	0.23701	0.18678	0.11974
-0.09169	-0.04552	0.12442	-0.0293	0.35386	0.1039	0.29049	0.05457	0.22825
0.02609	-0.04087	0.01689	0.19434	0.12263	0.17809	0.1428	0.13212	0.14037
0.02952	-0.11075	0.0376	0.05431	0.04341	0.07981	-0.00783	-0.0054	0.05676
0.09693	0.01474	0.07756	0.0552	0.04446	0.0451	0.09308	0.12291	0.07733
-0.17892	-0.20387	-0.05621	-0.07761	-0.16302	-0.07716	0.09173	0.07001	0.06553
0.00219	-0.03417	0.00173	0.07435	0.10474	0.07733	-0.04804	-0.02608	-0.01353
-0.01926	-0.03899	-0.09242	0.02255	0.05951	0.08352	0.30189	0.28152	0.32161
-0.10349	-0.08168	0.03778	0.19147	0.06739	0.11984	0.16672	0.07238	0.05066
-0.46928	-0.54918	0.41162	0.46229	0.47424	0.46021	0.27135	0.36999	0.35855
-0.04394	-0.03959	0.04758	0.08356	0.13931	0.09666	0.04683	-0.04649	0.06589
0.04139	-0.12367	-0.12408	-0.18198	0.04163	-0.14936	0.2421	0.28214	0.23093
0.07976	0.02641	-0.11019	0.04	0.08842	0.06625	0.09715	0.05729	0.12266
-0.19101	-0.24665	0.15844	0.11423	0.19187	0.15728	-0.12713	0.09749	-0.08438
-0.32128	-0.29732	0.23231	0.23944	0.31688	0.2957	-0.40851	-0.47388	-0.393
0.12339	0.01344	0.08183	0.09599	0.00738	0.1036	0.11419	0.17263	0.13541
0.00959	-0.10464	-0.00455	-0.0781	-0.13899	0.04461	0.14225	0.10075	-0.01345
-0.02842	-0.00581	0.00143	0.08448	0.03168	0.05432	0.18883	0.23811	0.28871
0.06626	-0.03792	-0.02721	-0.01571	0.03392	0.03196	0.13577	0.13231	0.16114
-0.00491	-0.07617	-0.14243	-0.00249	-0.01368	-0.04177	0.04895	0.07691	0.11599
-0.01916	-0.11566	0.06598	0.11236	0.14896	0.0593	0.13711	0.17506	0.19064
-5.10E-04	-0.05522	0.05445	0.1633	0.14578	0.12266	0.19386	0.11197	0.24392
0.05234	0.03038	-0.11959	0.01405	0.00734	-0.00479	0.19451	0.23035	0.21447
-0.08029	0.02605	0.01425	0.14517	0.06536	0.12736	0.13194	0.08149	0.1306
0.03127	-0.032	-0.01363	0.01424	-0.05875	0.05508	-0.10272	-0.11906	-0.06067
-0.17878	-0.14321	-0.00528	0.04208	0.02676	0.0301	0.07273	0.06909	0.08253
-0.0702	-0.02737	0.14847	0.12011	0.09356	0.08238	0.12437	0.2041	0.21904
-0.01883	-0.01851	0.20651	0.23365	0.29196	0.28265	0.14386	0.14657	0.18211
-0.26515	-0.22032	0.16175	0.12442	-0.04027	0.12304	0.07348	0.09	0.08434
-0.09656	-0.04976	0.1309	0.15136	0.08883	0.1271	0.14925	0.22683	0.21076
0.10541	0.0598	-0.0468	-0.05813	-0.03317	-0.07364	0.00834	0.15602	0.04998
-0.0308	-0.01969	0.05216	0.01955	-0.07907	0.0361	-0.10786	-0.02452	-0.07218
-0.01686	-0.02216	0.01799	-0.03934	-0.0387	-0.08593	0.11591	0.13723	0.16227
0.01311	0.04047	-0.03163	0.07133	0.03268	0.10509	0.20492	-0.00737	0.13323
-0.0613	-0.06519	0.00136	0.00553	0.00667	0.04555	0.24457	0.16961	0.30187
0.02036	-0.05303	0.08492	0.05201	0.00254	0.00755	0.12942	0.23459	0.17926
-0.23861	-0.2479	0.29956	0.26191	0.22079	0.22232	0.29684	0.33537	0.32355
-0.13829	-0.12524	-0.02757	-0.05396	-0.17233	-0.08658	0.44662	0.42409	0.34353
3.00E-05	-0.02633	-0.07523	-0.06963	-0.06291	-0.05244	-0.10125	-0.04987	-0.10893
0.0654	-0.02209	-0.04388	0.04666	0.01044	0.0769	0.07603	0.04669	0.06752
-0.14408	-0.15565	0.04036	0.13711	0.13354	0.07623	0.17419	0.25044	0.17194
0.10793	-0.01629	0.00955	0.00951	-0.01976	0.02199	0.04558	-0.06895	-0.03476
-0.11132	-0.0852	-0.05908	0.10758	0.04611	0.04231	0.08865	0.15895	0.13577
0.07321	0.02631	-0.01074	-0.14918	-0.02877	-0.17135	0.0457	0.2097	0.09775
-0.09413	-0.14048	-0.00929	0.06065	-0.12497	-0.03311	0.23872	0.35041	0.22777

-0.16716	-0.14408	0.04123	0.03764	0.08009	0.02959	-0.02431	0.08746	0.0453
0.08119	-0.0428	0.06809	0.07693	0.05845	0.14569	0.3511	0.35739	0.38714
0.04708	-0.03666	0.13513	0.15033	0.09092	0.11324	0.12906	0.11596	-0.02298
0.10258	-1.10E-04	-0.15223	0.0193	0.03628	-0.01746	-0.0227	0.01022	0.07202
0.03973	0.02177	0.0248	0.04243	-0.01771	0.03639	0.04174	0.06604	0.11467
-0.08305	-0.07812	0.07128	0.13234	0.02692	0.01351	-0.11816	0.00206	-0.02119
-0.0302	-0.06798	-0.02828	0.09296	0.08242	0.05952	0.07478	0.10253	0.09703
-0.12972	-0.08127	0.09499	0.09863	0.03674	0.03551	0.13725	0.20457	0.143
-0.00475	-0.08245	0.01956	-0.00368	0.03581	0.03341	0.17145	0.21292	0.15182
-0.00466	-5.60E-04	-0.03039	-0.07555	0.00667	-0.00555	0.09944	0.12101	0.10983
-0.01996	-0.16204	-0.06988	0.05464	-0.08967	-0.03035	0.05668	0.03468	0.02682
-0.00625	-0.00618	0.0598	0.02224	0.02419	0.03858	0.15899	0.18495	0.07986
-0.12134	-0.16219	-0.05853	0.0275	0.08266	0.07215	-0.01466	0.01163	0.00291
0.04344	-0.03398	-0.19532	-0.12139	0.03094	-2.00E-05	0.17167	0.19765	0.21792
0.19598	0.0466	-0.0162	0.02669	0.02475	0.0196	-0.14	-0.12967	-0.06425
-0.00243	-0.03628	0.16391	-0.06322	0.18137	0.02845	0.2503	0.29262	0.38198
-0.00538	-0.07944	-0.01554	-0.03821	-0.01533	-0.04341	0.07862	0.10442	0.09527
0.0155	-0.00997	0.04939	0.01853	0.05926	0.07712	0.03271	0.07772	0.05391
0.00915	-0.03158	0.02327	0.08625	0.08454	0.08677	0.09802	0.09725	0.05578
0.06637	-0.03041	-0.04478	-0.05538	-0.08918	-0.02253	0.11717	0.20434	0.10949
0.18927	0.04961	-0.1022	0.05782	-0.09071	0.03857	0.24678	0.26155	0.30868
-0.0995	-0.06436	0.08832	0.20111	0.11542	0.09269	0.0074	0.14062	0.18869
0.17502	-0.00264	-0.00738	-0.0201	0.01707	-0.04362	0.07793	0.10858	0.08969
0.04207	-0.06207	-0.1347	2.00E-04	0.09199	-0.02101	0.10343	4.80E-04	0.09377
0.01284	-0.07711	0.05409	0.06651	-0.07709	0.02315	0.28259	0.23685	0.24372
0.04505	-0.07188	0.041	0.15173	0.14985	0.12423	0.09085	0.11477	0.08295
0.06058	-0.04528	-0.06649	-0.05753	-0.03818	-0.04532	0.36132	0.37057	0.38886
-0.02715	0.09618	-0.12116	0.04069	-0.02734	-0.0018	0.35791	0.11954	0.22394
0.04464	-0.1582	0.09078	-0.02598	-0.11514	-0.04403	0.08207	0.1976	0.06305
-0.02638	0.03262	0.24016	0.21092	0.11708	0.18362	0.03149	0.01995	0.01325
-0.0206	-0.0015	-0.04421	-0.03745	0.0041	-0.01261	0.03217	0.09906	0.03024
0.09905	-0.01832	-0.04129	0.00398	-0.00808	-0.00569	-0.00352	0.07348	0.08388
-0.05915	-0.03695	-0.05905	-0.13129	-0.03541	-0.06041	0.11983	0.16125	0.0768
0.05321	-0.06139	0.01281	-0.08509	-0.03959	0.02517	0.11377	0.12336	0.07644

m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_	m_kidney_
0.16661	-0.07984	-0.23302	-0.12961	-0.13517	0.13172	0.19213	0.43808	0.20102
0.25268	-0.06644	-0.08734	0.00862	-0.03997	0.29184	0.36132	0.18359	0.3501
0.20374	-0.01256	-0.06697	0.07194	-0.08824	0.16331	0.1896	0.07591	0.174
0.19251	-0.1027	-0.00399	-0.16566	-0.01799	0.2553	0.28969	0.39396	0.38002
0.14724	-0.00367	-0.14213	-0.06472	-0.07296	-0.02469	0.0071	0.27892	0.03264
0.34649	-0.0355	-0.0102	0.08505	0.11068	0.16993	0.06669	0.17577	0.19715
0.0037	-0.17042	-0.19257	-0.14777	-0.2306	0.0956	0.1738	0.10806	0.17989
0.24351	-0.12492	-0.13668	-0.07153	-0.053	0.03533	-0.03473	-0.04401	-0.04275
0.13076	-0.07456	-0.07467	0.011	0.0445	0.24327	0.12592	0.20593	0.18302
0.07416	0.04918	-0.05974	0.07137	0.04283	0.20466	0.37857	0.52548	0.31149
0.0949	-7.90E-04	0.10516	-0.01414	-0.03621	0.13333	0.07932	0.1457	0.12041
0.02332	-0.17662	-0.04184	-0.10989	-0.06022	0.21682	0.12898	0.08624	0.22615
0.00648	0.00202	-0.00498	0.09597	-0.00887	0.17006	0.10991	0.08965	0.16595
0.04947	-0.02532	0.02745	-0.02922	0.01443	0.06821	0.01808	0.07855	0.06665
0.08109	-0.04902	-0.05428	0.0678	0.05672	0.19547	0.20591	0.19346	0.19893
0.12843	-0.16436	-0.20373	-0.16512	-0.1987	0.1351	0.16485	0.31217	0.19505
-0.03243	-0.01198	-0.16525	-0.1257	-0.13393	-0.07224	-0.15347	0.03246	-0.07286
0.2727	-0.10955	-0.00801	-0.09477	-0.04218	0.21434	0.25451	0.38812	0.2957
0.43277	-0.0331	0.02148	-0.01935	-0.02198	0.3517	0.36125	0.28904	0.40134
0.062	0.03369	0.03041	0.10695	0.0373	0.17216	0.16712	0.1766	0.27326
0.167	-0.05924	-0.13484	-0.05798	-0.06521	0.17269	0.20413	0.24964	0.2119
0.16589	0.15502	0.0425	0.15414	0.07542	0.23647	0.33666	0.49504	0.32458
0.08657	-0.09199	0.01313	-0.05581	-0.02226	0.00948	-0.02921	-0.07575	-0.03004
0.1552	0.12619	0.08663	0.06853	0.1167	0.08417	0.30463	0.12886	0.31338
-0.03339	-0.07854	-0.11471	-0.01846	-0.06783	-0.01275	-0.02838	-0.03416	0.00338
0.06019	-0.16375	-0.0078	-0.03521	-0.04688	0.16865	0.12563	0.05444	0.18384
0.03334	-0.12782	-0.02409	-0.07468	-0.07484	0.08706	0.09045	0.01243	0.10185
0.23174	-0.01703	0.08693	0.04303	0.014	0.18868	0.18447	0.12	0.26444
0.06696	0.01985	-0.05193	0.01988	-0.03794	0.12909	0.18031	0.08744	0.14921
0.21062	-0.04004	-0.09152	0.02019	-0.15427	0.0605	0.08452	0.01329	0.16842
0.12233	0.0715	0.02731	0.07564	0.03383	0.05268	0.03783	0.02958	0.08499
0.09004	-0.0483	-0.0298	-0.0943	-0.00803	0.05618	0.09179	0.14801	0.12659
0.21427	-0.04749	-0.02059	-0.08884	0.01281	0.14133	0.16983	0.102	0.23497
0.09433	-0.05538	-0.19587	-0.05538	-0.06768	0.01017	0.0601	0.07869	0.25501
0.09103	0.00116	0.07583	0.0151	0.03359	0.20956	0.24577	0.21745	0.3069
0.04399	0.05025	0.07393	0.09873	0.038	0.10089	0.11434	0.11822	0.16361
0.17594	-0.08521	-0.11155	-0.10114	-0.10928	-0.04978	-0.05394	-0.00732	-0.04143
0.04766	-0.09154	-0.18218	-0.04693	-0.11194	0.19047	0.27138	0.22213	0.27181
-0.02359	0.13867	0.14125	0.14454	0.14367	0.14178	0.10017	0.12079	0.13236
0.22025	-0.09645	-0.16614	-0.18663	-0.18372	0.1986	0.13514	0.34328	0.09604
0.08058	0.00174	-0.00107	0.01087	0.04435	0.09009	0.04744	0.14331	0.0745
0.1229	0.11262	0.09765	0.04674	0.00329	0.16652	0.16728	0.09621	0.15058
0.09198	-0.14839	-0.14091	-0.00627	-0.07553	0.13616	0.07867	-0.01288	0.09344
0.05341	-0.00251	0.00802	0.04365	-0.0707	0.13538	0.19277	0.11751	0.26537
0.06509	-0.02456	-0.06429	0.00979	0.06461	0.08464	0.08022	0.04232	-0.0012
0.17367	0.03148	-0.10144	-7.10E-04	-0.04581	0.11397	0.09877	0.08084	0.10692
0.97556	-0.68212	-0.74338	-0.8156	-0.77727	0.36002	0.39196	0.4514	0.43977
0.06043	2.10E-04	0.12805	0.02181	0.04459	0.1216	0.20092	0.04066	0.1476
0.20022	0.20539	0.04384	4.00E-04	0.05744	0.12143	0.13888	0.03013	0.15483
0.26646	-0.10836	-0.04618	-0.00282	-0.02847	0.01127	-0.0338	0.0091	0.03404
0.60028	-0.39464	-0.54057	-0.41866	-0.46574	0.37657	0.43489	0.61131	0.45277

0.20328	0.10152	0.1336	0.05254	0.03839	-0.00554	0.01751	-0.00742	0.05444
0.07481	0.03335	-0.06951	0.0277	0.05426	0.10411	0.03637	-0.02081	0.09375
0.17679	0.0024	0.00122	-0.01786	-0.07567	0.01329	0.13519	0.09344	0.17429
0.14406	-0.01788	-0.07777	-0.03169	0.06424	0.07384	0.17857	0.14135	0.24959
0.0553	-0.226	-0.26779	-0.21907	-0.26364	-0.00387	0.02891	-0.01259	0.03556
0.08217	-0.01121	-0.06207	-0.06817	-0.07098	0.01162	7.40E-04	0.12457	0.02721
0.38718	-0.20655	-0.2367	-0.25905	-0.19875	0.26624	0.18792	0.45661	0.20884
0.24281	-0.11793	-0.14213	-0.02237	-0.02347	0.1757	0.01841	0.00127	0.17889
0.08016	-0.29122	0.0411	-0.11336	-0.11412	0.30936	0.48722	0.00473	0.27129
0.27133	0.01837	-0.04642	-0.01098	0.07416	0.28035	0.3466	0.42544	0.28527
0.09361	-0.01207	-0.05531	0.01619	-0.02109	0.10986	0.19442	0.05686	0.25652
0.13572	0.1262	0.06356	0.06582	0.06125	0.12753	0.11996	0.12773	0.12012
0.01982	-0.19909	-0.11007	-0.23725	-0.2057	-0.05677	-0.08801	0.04094	-0.03317
0.02239	-0.03255	0.00395	-0.00417	-0.01034	0.13956	0.13023	0.05735	0.09969
0.39176	-0.0089	-0.13309	0.05552	-0.03852	0.1875	0.28287	0.18118	0.34193
0.05159	-0.00129	-0.08275	-0.00194	0.04073	0.18202	0.40532	0.34598	0.17238
0.3599	-0.36935	-0.31867	-0.33151	-0.27745	0.29129	0.36968	0.18666	0.35233
0.01156	-0.04011	-0.06765	-0.03852	-0.0348	0.09774	0.13164	0.0837	0.14111
0.1768	-0.13769	-0.04997	0.00579	0.10394	0.38214	-0.02586	0.19641	0.09773
0.23572	0.11016	0.15466	0.1692	0.14803	0.13706	0.12491	0.06705	0.11586
0.03275	-0.24781	-0.25296	-0.28929	-0.19959	-0.01533	0.02136	-0.06508	0.02273
-0.45015	-0.19649	-0.17517	-0.14412	-0.16545	-0.45736	-0.43806	-0.52771	-0.39917
0.14894	0.11162	0.07388	0.05658	0.09977	0.08285	0.17753	0.34157	0.20165
0.02732	-0.01961	0.01895	-0.06978	-0.07615	-0.05319	0.10966	0.03437	0.04752
0.22884	0.08779	-0.00806	-0.06149	0.00698	0.29244	0.21471	0.31103	0.21492
0.16925	0.01248	0.04727	0.038	0.05615	0.11913	0.11976	0.07399	0.14942
0.12714	-0.04614	-0.01731	-0.01931	-0.03603	0.10631	0.12805	0.01249	0.14993
0.14562	0.00403	-7.20E-04	-0.00519	-0.04499	0.13525	0.21788	0.10862	0.15372
0.12647	-0.10794	-0.09896	-0.09042	-0.07918	0.1468	0.2565	0.13425	0.25475
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