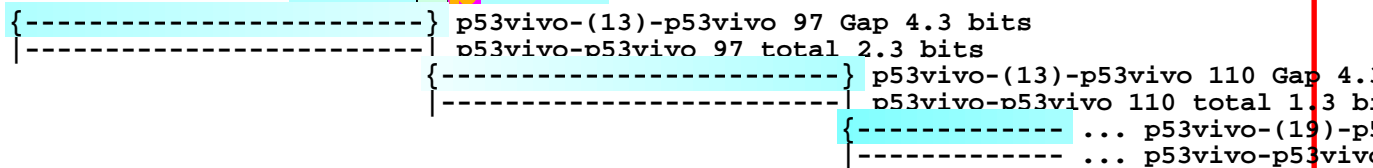
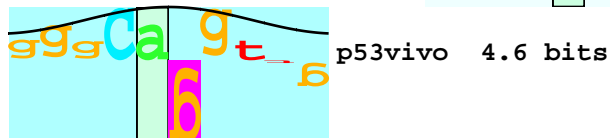
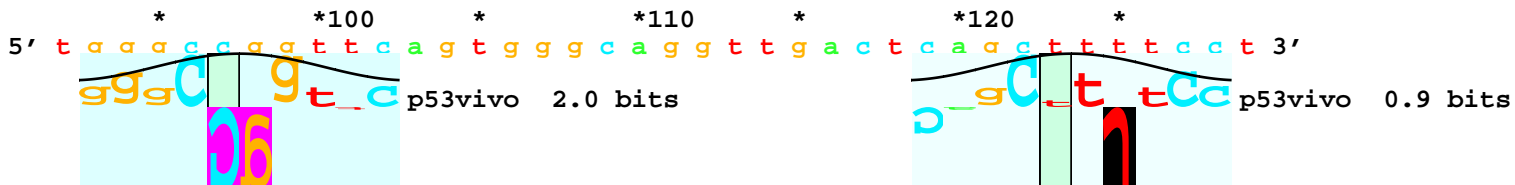
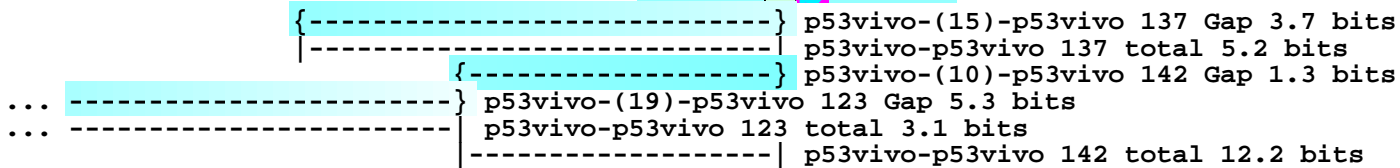
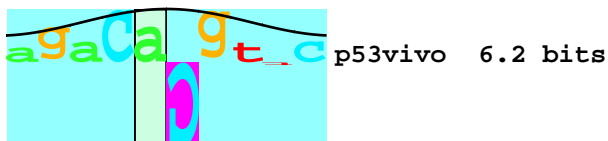
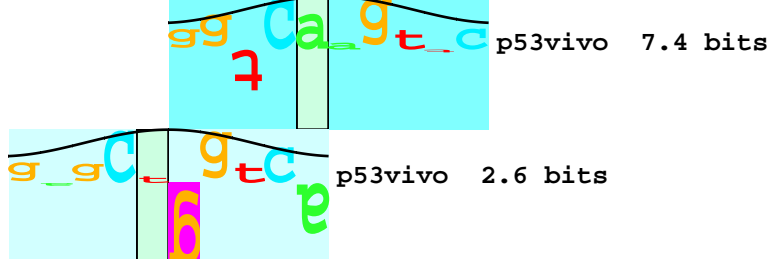


piece 1, U28935, mdm2-1, config: linear, direction: +, begin: 92, end: 192



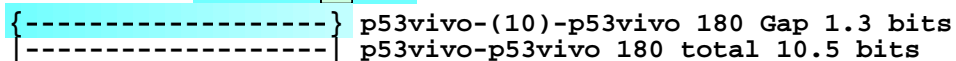
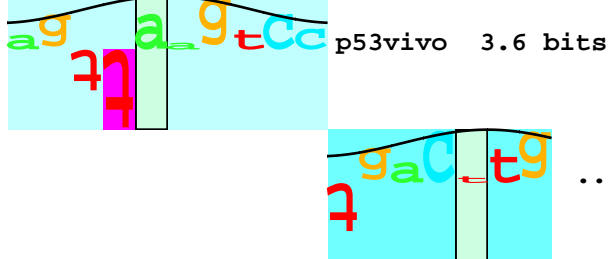
*130 * *140 * *150 * *160 *

5' c t t g a g c t a a t c a a g t t c a g a c a c g t t c c g a a a c t g c a 3'



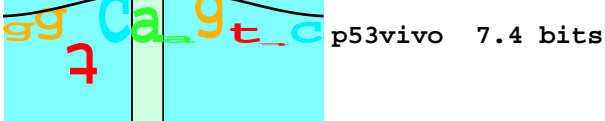
*170 * *180 * *190 *

5' g t a a a a g g a a t t a a g t c c t g a c t t g 3'

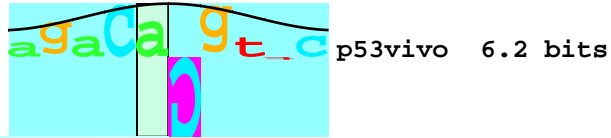
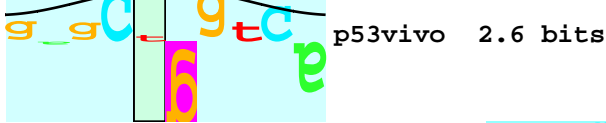


piece 2, U28935, mdm2-2, config: linear, direction: +, begin: 130, end: 230

*130 * *140 * *150 * *160 *
5' c t t g a g c t g g t c a a g t t c a g a c a c g t t c c g a a a c t g c a 3'

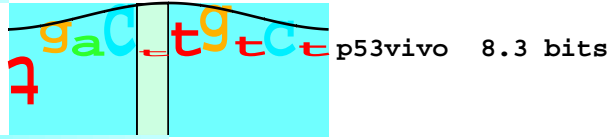
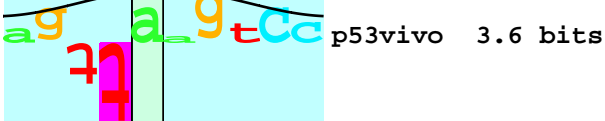


... } p53vivo-(19)-p53vivo 123 Gap 5.3 bits
... } p53vivo-p53vivo 123 total 3.1 bits



{ p53vivo-(15)-p53vivo 137 Gap 3.7 bits
{ p53vivo-p53vivo 137 total 5.2 bits
{ p53vivo-(10)-p53vivo 142 Gap 1.3 bits
{ p53vivo-p53vivo 142 total 12.2 bits

*170 * *180 * *190 * *200 *
5' g t a a a a g g a c t t a a g t c c t g a c t t g t c t c c a g c t g g g g 3'



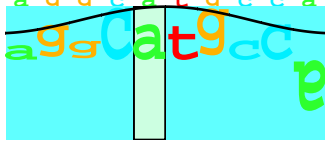
{ p53vivo-(10)-p53vivo 180 Gap 1.3 bits
{ p53vivo-p53vivo 180 total 10.5 bits

*210 * *220 * *230
5' c t a t t t a a a c c a t g c a t t t t c c c a g 3'

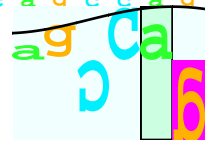
piece 3, U51127, Humirf5, config: linear, direction: +, begin: 199, end: 299

*200 * *210 * *220 * *230 *
5' g c t t c a a t g g g t c a a c g g g g a a a a g a a a t t a t t c t g c a 3'

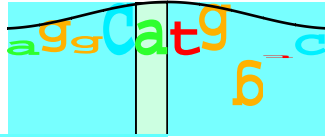
*240 * *250 * *260 * *270
5' t c c c c t g g a g g c a t g c c a c a a g g c a t g g t c c c a g c c a a g 3'



p53vivo 9.3 bits



... p53vivo



p53vivo 7.9 bits



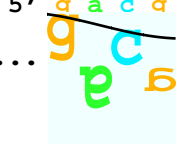
p53vivo-(12)-p53vivo 249 Gap 5.3 bits

p53vivo-p53vivo 249 total 11.9 bits

p53vivo-(12)-p53vivo 261

p53vivo-p53vivo 261

* *280 * *290 *
5' g a c g g a g a t a a c a c c a t c t t c a a g g 3'

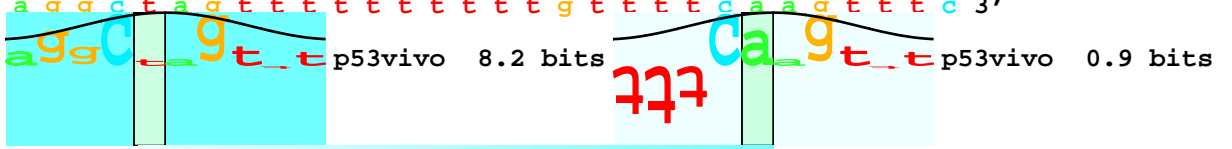


p53vivo 0.8 bits

piece 4, U23824, hMSH2-1, config: linear, direction: +, begin: 689, end: 789

*690 * *700 * *710 * *720 *
5' g t c g g a g a g g g g t a t a c g a g g t a a c a a a a t a c t g g g a g 3'

*730 * *740 * *750 * *760
5' g a g g a g g a a g g c t a g t t t t t t t t t t g t t t t c a a g t t t c 3'



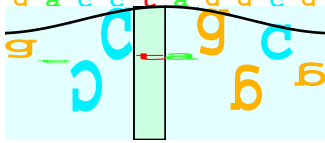
{-----} p53vivo-(19)-p53vivo 739 Gap 5.1
 |-----| p53vivo-p53vivo 739 total 3.9 b

* *770 * *780 *
5' c t t c t g a t g t t a c t c c c a t g c t t c c 3'

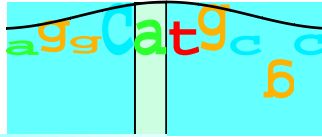
piece 5, U23824, hMSH2-2, config: linear, direction: +, begin: 894, end: 994

* *900 * *910 * *920 * *930
5' a c a g a a a g g a g c t c t a c t a a g g a t g c g c g t c t g c g g g t 3'

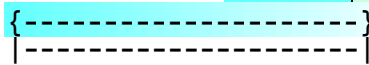
* *940 * *950 * *960 *
5' t t c c g c g c a a c c t a g g c c a c a g g c a t g c g c a g t a g c t a a 3'



p53vivo 1.6 bits



p53vivo 9.0 bits



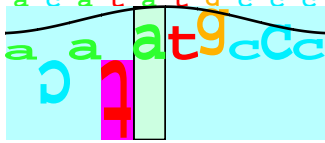
p53vivo-(11)-p53vivo 944 Gap 2.9 bits
p53vivo-p53vivo 944 total 7.7 bits

*970 * *980 * *990
5' a g t c a c c a g c g t g c g c g g g a a g c t g 3'

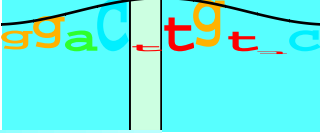
piece 6, J05614, PCNA, config: linear, direction: +, begin: 988, end: 1088

*990 * *1000 * *1010 * *1020 *
5' a c c a t a a a g c t g g g g c t t g a c g a g c c g g g a c c g g g a c c 3'

*1030 * *1040 * *1050 * *1060
5' c g a t c t c c a c a t a t g c c c c g g a c t t g t t c t g c g g c c g g g 3'



p53vivo 4.1 bits



p53vivo 9.7 bits

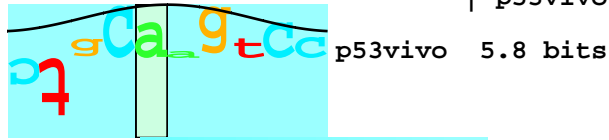
{-----} p53vivo-(10)-p53vivo 1038 Gap 1.3 bits
|-----| p53vivo-p53vivo 1038 total 12.5 bits

* *1070 * *1080 *
5' t t c a g g a g t c a a a g a g g c g g g g a g a 3'

piece 7, AF332559, PUMA, config: linear, direction: +, begin: 238, end: 338

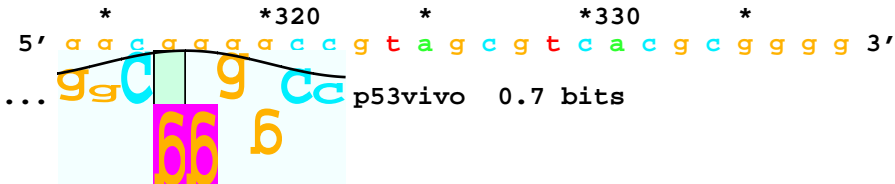


{-----} p53vivo-(18)-p53vivo 280 Gap 5.3 bits
 {-----} p53vivo-p53vivo 280 total 3.5 bits



{-----} p53vivo-(10)-p53vivo 288 Gap 1.3 bits
 {-----} p53vivo-p53vivo 288 total 13.0 bits

{-----} ... p53vivo-(19)-p53vivo
 {-----} ... p53vivo-p53vivo

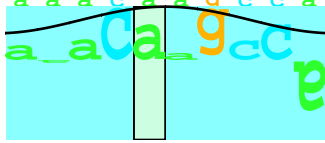


... {-----} p53vivo-(19)-p53vivo 298 Gap 5.3 bits
 ... {-----} p53vivo-p53vivo 298 total 4.0 bits

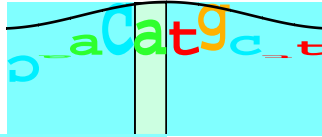
piece 8, M35878, IGF-1, config: linear, direction: +, begin: 5018, end: 5118

*5020 * *5030 * *5040 * *5050 *
5' g g g t c t g t g t a g a c c t t g a g t t t t a g a g a t g t a a c g g g 3'

*5060 * *5070 * *5080 * *5090
5' g a c c t a g a a a a c a a g c c a c c a a c a t g c t t g c a t g a t t c 3'



p53vivo 6.8 bits



p53vivo 7.4 bits



p53vivo-(11)-p53vivo 5068 Gap 2.9 bits
p53vivo-p53vivo 5068 total 11.3 bits

* *5100 * *5110 *
5' t g a g c c c c t g a g g c a a a a c g c t t t g 3'

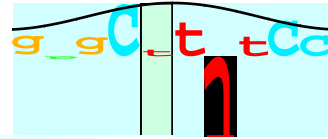
piece 9, M35878, IGF-2, config: linear, direction: +, begin: 5937, end: 6037

*5940 * *5950 * *5960 * *5970
5' g c g g g a g a c a a a t a t g t a a g a g c t t t t c c t c t t g t t a 3'



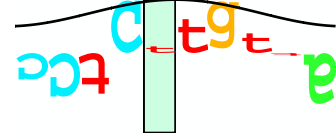
p53vivo 0.2 bits

{-----} ... p53vivo-(18)-p53vivo



p53vivo 2.7 bits

{-----} p53vivo-(10)-p53vivo 5951 Gap 1.3 bits
|-----| p53vivo-p53vivo 5951 total 1.6 bits

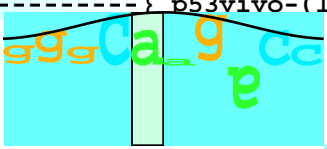


p53vivo 0.0 bits

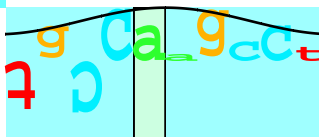
|-----} ... p53vivo-p53vivo

* *5980 * *5990 * *6000 * *6010
5' a a a a a a a a a a a a c a a g a c c t g c c a a g c c t g g g t a c t c a g 3'

... {-----} p53vivo-(18)-p53vivo 5969 Gap 5.3 bits



p53vivo 8.7 bits



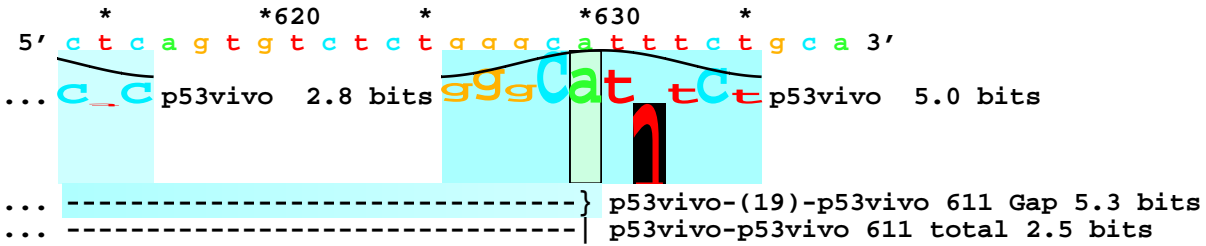
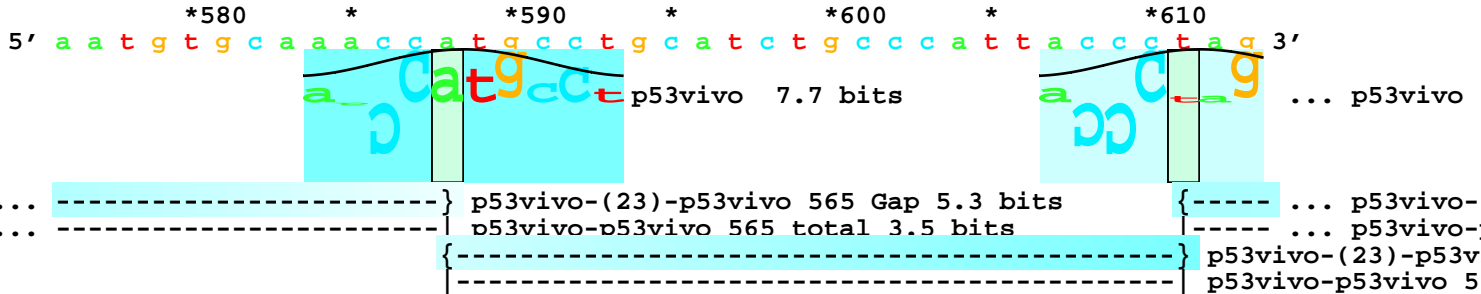
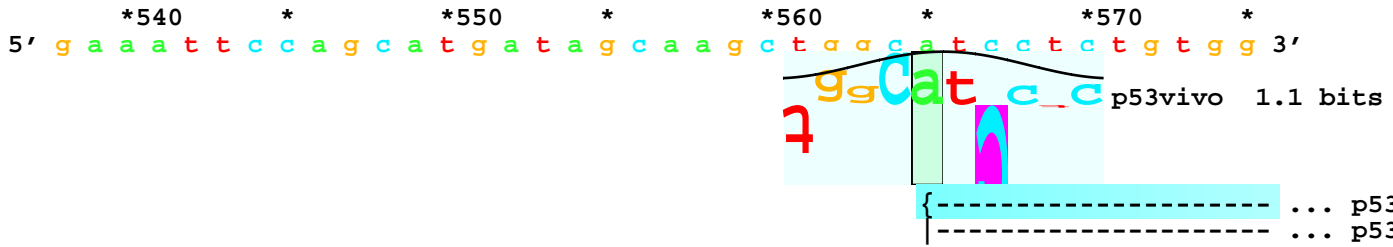
p53vivo 5.6 bits

{-----} p53vivo-(10)-p53vivo 5987 Gap 1.3 bits
|-----| p53vivo-p53vivo 5987 total 13.0 bits

... {-----} p53vivo-p53vivo 5969 total 3.5 bits

* *6020 * *6030 *
5' a g c c t c t t g a g g g c a a t t c t t a c t c 3'

piece 10, J05193, ACTA, config: linear, direction: +, begin: 538, end: 638



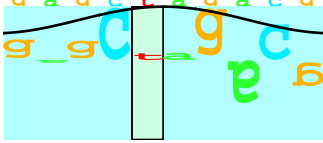
piece 11, J03206, EGFR, config: linear, direction: +, begin: 1, end: 94

5' c t c c t c c t c c c g c c c t g c c t c c c g c g c c t c g g c c c g c g 3'

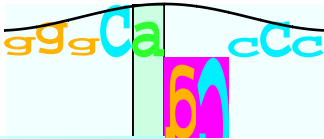
* *10 * *20 * *30 *

5' c a a a c t a g a c c t t c g g g c a g c c c c g g c g c a g c g g g c 3'

*40 * *50 * *60 * *70 *



p53vivo 4.5 bits



p53vivo 0.8 bits

{-----} p53vivo-(13)-p53vivo 44 Gap 4.3 bits
 |-----| p53vivo-p53vivo 44 total 1.0 bits

*80 * *90

5' c g c a g c g c c t c c g c c c c c 3'

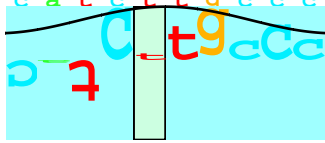
piece 12, AF008303, TGF-beta1, config: linear, direction: +, begin: 71, end: 171

5' c a c c g t g c c c g g c g c a g a a t t c t t t t t t t t a g a g a t g a 3'

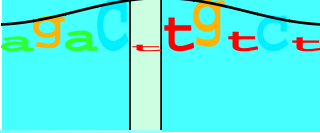
* *80 * *90 * *100 *

5' g g t a t t g c c a t c t t g c c c a g a c t t g t c t c g a a c t c c t g 3'

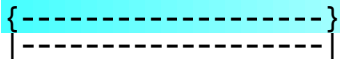
*110 * *120 * *130 * *140 *



p53vivo 5.6 bits



p53vivo 10.7 bits

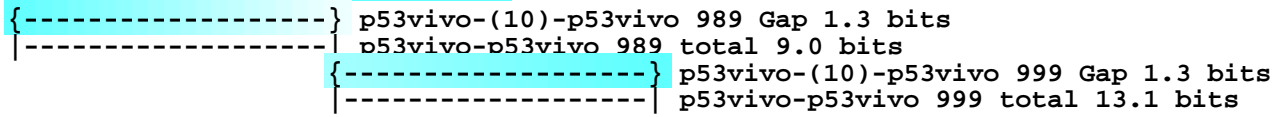
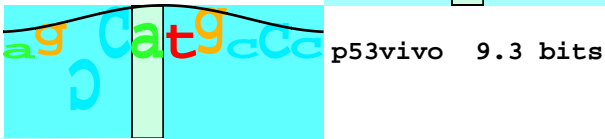
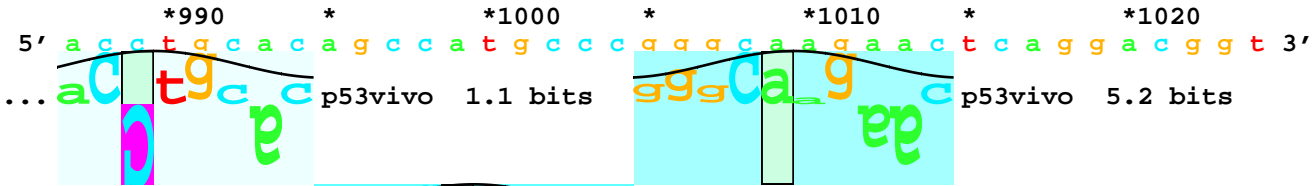


p53vivo-(10)-p53vivo 121 Gap 1.3 bits
 p53vivo-p53vivo 121 total 15.0 bits

5' g g c t c a a a c a a t c c a c c c a c c t c g g 3'

*150 * *160 * *170

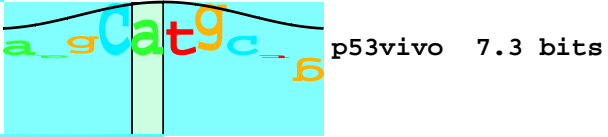
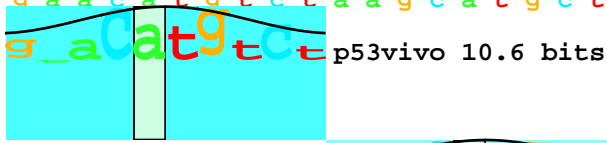
piece 13, AF008303, TGF-beta-2, config: linear, direction: +, begin: 949, end: 1049



piece 14, L24498, GADD45, config: linear, direction: +, begin: 3786, end: 3886

5' t c a g c c g a g a t g t g c t a g t t t c a t c a c c a g g a t t t t c t 3'

5' g t g g t a c a g a a c a t g t c t a a g c a t g c t g g g g a c t g c c a 3'

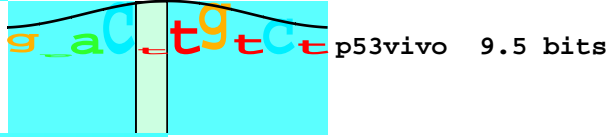
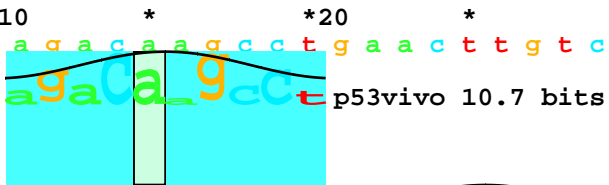


{-----} p53vivo-(10)-p53vivo 3836 Gap 1.3 bits
|-----| p53vivo-p53vivo 3836 total 16.6 bits

5' g c a g c g g a a g a g a t c c c t g t g a g t c 3'

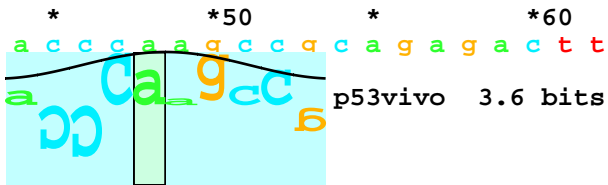
piece 15, U96098, CollagenaseIV, config: linear, direction: +, begin: 1, end: 65

5' c a c a c c c a c c c a g a c a a g c c t g a a c t t g t c t g a a g c c c a 3'



{-----} p53vivo-(10)-p53vivo 15 Gap 1.3 bits
 |-----| p53vivo-p53vivo 15 total 18.9 bits
 {-----} ... p53vivo-(23)-p53vivo 15 Gap 5.3 bits
 |-----| ... p53vivo-p53vivo 15 total 18.9 bits

5' c t g a g a c c c a a g c c c a c a g a g a c t t t t c 3'



... {-----} p53vivo-(23)-p53vivo 25 Gap 5.3 bits
 ... |-----| p53vivo-p53vivo 25 total 7.8 bits

piece 16, U24170, WAF1-1, config: linear, direction: +, begin: 2257, end: 2357

5' t g c t t g g g c a g c a g g c t g t g g c t c t g a t t g g c t t t c t g 3'

*2260

*2270

*2280

*2290

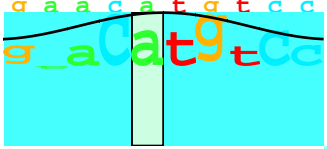
5' g c c a t c a g g a a a c a t g t c c c a a c a t g t t g a g c t c t g g c a 3'

*2300

*2310

*2320

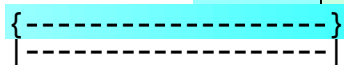
*2330



p53vivo 10.8 bits



p53vivo 5.9 bits



p53vivo-(10)-p53vivo 2307 Gap 1.3 bits
p53vivo-p53vivo 2307 total 15.4 bits

5' t a g a a g a g g c t g g t g g c t a t t t t g t 3'

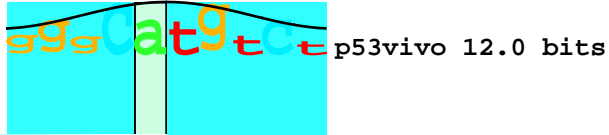
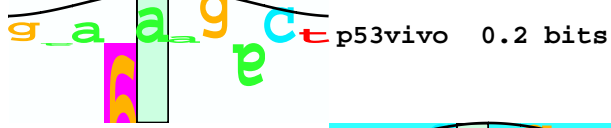
*2340

*2350

piece 17, U24170, WAF1-2, config: linear, direction: +, begin: 3148, end: 3248

*3150 * *3160 * *3170 * *3180 *
5' g a g a a a g a a g c c t g t c c t c c c c g a g g t c a g c t g c g t t a 3'

*3190 * *3200 * *3210 * *3220
5' g a g a a a a a a g a c t g g g c a t g t c t g g g c a g a g a t t t c c a 3'



{-----} p53vivo-(10)-p53vivo 3193 Gap 1.3 bits
|-----| p53vivo-p53vivo 3193 total 10.8 bits

* *3230 * *3240 *
5' g a c t c t g a g c a g c c t g a g a t g t c a g 3'

piece 18, U24170, config: linear, direction: +, begin: 3153, end: 3253

5' a g a a g c c t g t c c c t c c c c g a g g t c a g c t g c g t t a g a g a a 3'

*3160 *3170 *3180 *3190

g_ ... p53vivo

5' a g a a g a c t g g g c a t g t c t g g g c a g a g a t t t c c a g a c t c 3'

... a a g c t p53vivo 0.2 bits

g g c a t g t c t p53vivo 12.0 bits

{-----} p53vivo-(10)-p53vivo 3193 Gap 1.3 bits
 |-----| p53vivo-p53vivo 3193 total 10.8 bits

*3230 *3240 *3250

5' t g a g c a g c c t g a g a t g t c a g t a a t t 3'

piece 19, U17193, BAX, config: linear, direction: +, begin: 442, end: 542

5' g t a a t c c c a g c g c t t t g g a a g g c t g a g a c g g g g t t a t c 3'

5' t c t t g g g c t c a c a a g t t a g a g a c a a g c c t a a a c c t g g a a 3'



{-----} p53vivo-(11)-p53vivo 492 Gap 2.9 bits
 |-----| p53vivo-p53vivo 492 total 9.2 bits
 {-----} p53vivo-(10)-p53vivo 503 Gap
 |-----| p53vivo-p53vivo 503 total 11

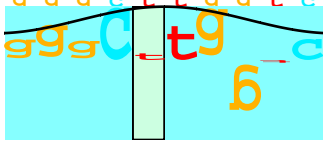
5' c t a t a t t g c t a g a t c c a g g t c t c t g 3'

... C p53vivo 2.2 bits

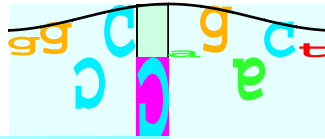
piece 20, AF257772, MCG10, config: linear, direction: +, begin: 1964, end: 2064

* *1970 * *1980 * *1990 * *2000
5' a t c c c c a c a c c c t c c t g g g c a t g a g g a a t t t g c a g t g t 3'

* *2010 * *2020 * *2030 *
5' t a g g g c t t g g t c t t g g c c c a g a c t t a g c a c c a g t t g g t 3'

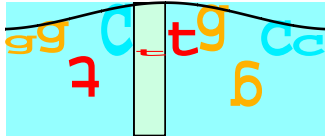


p53vivo 7.0 bits

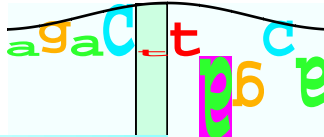


p53vivo 1.5 bits

{-----} p53vivo-(12)-p53vivo 2008 Gap 5.3 bits
|-----| p53vivo-p53vivo 2008 total 3.3 bits



p53vivo 6.1 bits

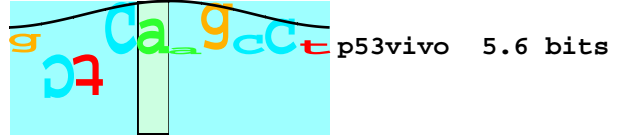
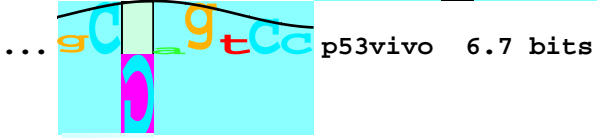
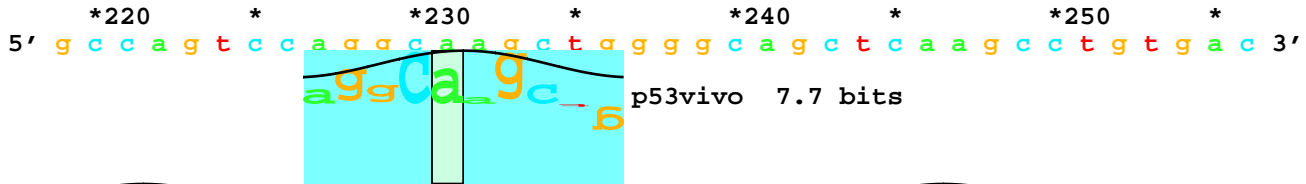
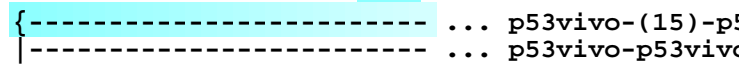
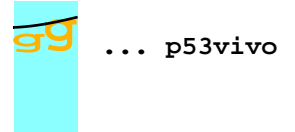


p53vivo 0.6 bits

{-----} p53vivo-(11)-p53vivo 2014 Gap 2.9 bits
|-----| p53vivo-p53vivo 2014 total 3.8 bits

*2040 * *2050 * *2060
5' c c c a c t c c c t g t t t t c c c c a t a g g g 3'

piece 21, AF081565, KAI1, config: linear, direction: +, begin: 181, end: 266



... } p53vivo-(15)-p53vivo 206 Gap 3.7 bits
 ... } p53vivo-p53vivo 206 total 4.7 bits

{ p53vivo-(10)-p53vivo 221 Gap 1.3 bits
 | p53vivo-p53vivo 221 total 13.0 bits

{ p53vivo-(15)-p53vivo 231 Gap 3.7 bits
 | p53vivo-p53vivo 231 total 9.6 bits

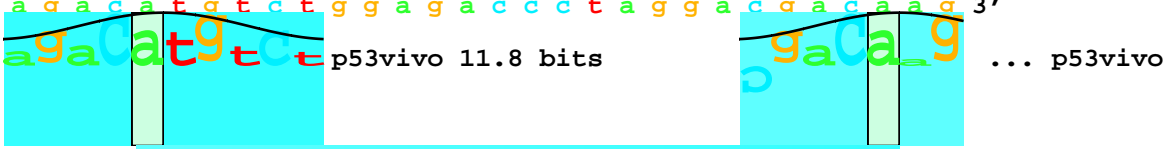
*260 *

5' t c a g g a c c t g 3'

piece 22, AC026112, APAF1, config: linear, direction: +, begin: 46929, end: 47029

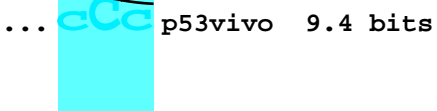
*46930 * *46940 * *46950 * *46960 *
5' c a g c a g g g g c t c c c t t g g g c c c c g a c t t c t t c c g g c t c 3'

*46970 * *46980 * *46990 * *47000
5' t t c a c c t c a g a c a t g t c t g g a g a c c c t a g g a c g a c a a g 3'

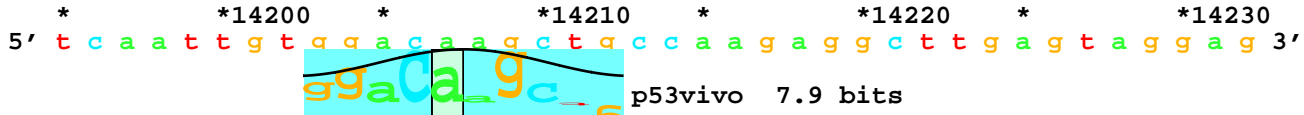
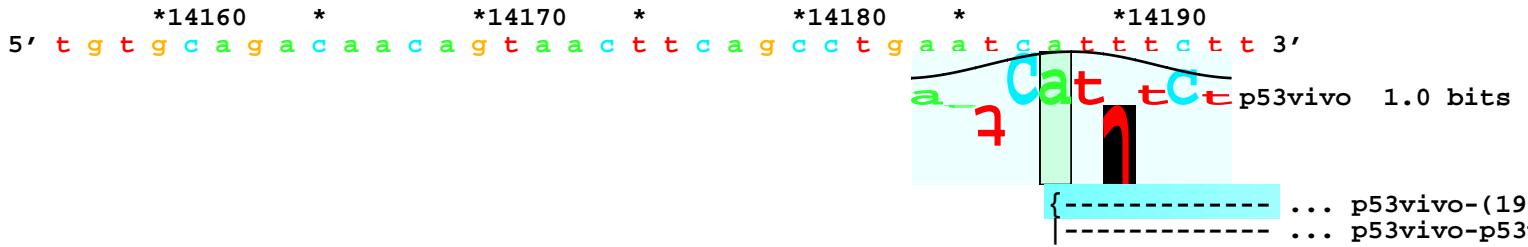


{ p53vivo-(23)-p53vivo 46979 to 46999 }
p53vivo-p53vivo 46979 to 46999

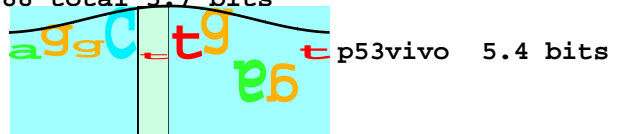
* *47010 * *47020 *
5' c c c a g g g c a g c t t c t t c a c c a g g g g 3'



piece 24, AC090307, MASPIN-2, config: linear, direction: +, begin: 14157, end: 14257



... } p53vivo-(19)-p53vivo 14188 Gap 5.3 bits
 ... } p53vivo-p53vivo 14188 total 3.7 bits



{ } p53vivo-(15)-p53vivo 14207 Gap 3.7 bits
 { } p53vivo-p53vivo 14207 total 9.7 bits



piece 25, L38719, POLD1, config: linear, direction: +, begin: 1624, end: 1724

5' * *1630 * *1640 * *1650 * *1660
g g c c a c t t c g g a a g c t g a g a g a g g g g c g g g g c c t g c c 3'

5' * *1670 * *1680 * *1690 *
c t g c a g t c a a a c a a g c a a g g c g t g g c c t t g c c c a c a c t 3'
p53vivo 5.0 bits ... p53vivo

p53vivo 8.5 bits

{-----} p53vivo-(15)-p53vivo 1674 Gap 3.7 bits
|-----| p53vivo-p53vivo 1674 total 9.8 bits
{-----} p53vivo-(10)-p53vivo
|-----| p53vivo-p53vivo 168

*1700 * *1710 * *1720
5' t g a a c a g g c g g g g g c g t g g c c c g t c 3'

... p53vivo 2.7 bits

p53vivo 3.1 bits

p53vivo 5.1 bits

{-----} p53vivo-(10)-p53vivo 1705 Gap 1.3 bits
|-----| p53vivo-p53vivo 1705 total 6.9 bits

piece 26, AF274972, PIDDD, config: linear, direction: +, begin: 45, end: 145

* *50 * *60 * *70 * *80
 5' c t t t g c g c g c c g c c t g c a g c g c a a c t t c c c c g g g c g c t 3'

p53vivo 0.9 bits

... p53vivo-(21)-p53vivo 70
 ... p53vivo-p53vivo 70

* *90 * *100 * *110 * *120
 5' g c c t g g a c a g g c c t g c c t g c g t g c t g g a a c a t g t c t g g 3'

p53vivo 7.6 bits

p53vivo 12.0 bits

... } p53vivo-(21)-p53vivo 70 Gap 5.3 bits
 ... } p53vivo-p53vivo 70 total 3.2 bits

a g g c t g c c t p53vivo 7.3 bits

{ p53vivo-(18)-p53vivo 95 Gap 5.3 bits
 { p53vivo-p53vivo 95 total 14.1 bits

* *130 * *140 *
 5' c c t c c a a g g a c c g t c g g t g g g c g a t 3'

piece 27, U75285, Survivin, config: linear, direction: +, begin: 2677, end: 2777

*2680 * *2690 * *2700 * *2710

5' c c c c g c c t c t a c t c c c a g a a g g c c g c g g g g g t g g a c c 3'

* *2720 * *2730 * *2740 * *2750

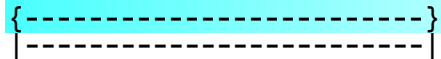
5' g c c t a a g a a a a c c t g c c c t c c c g a c a t g c c c c g c g g c g 3'



p53vivo 4.8 bits



p53vivo 10.4 bits



p53vivo-(13)-p53vivo 2727 Gap 4.3 bits
p53vivo-p53vivo 2727 total 11.0 bits

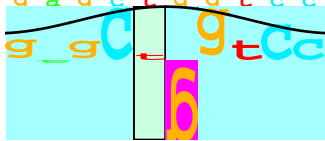
* *2760 * *2770 *

5' c g c c a t t a a c c g c c a g a t t t g a a t c 3'

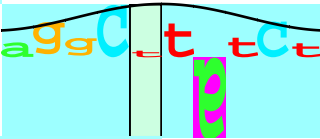
piece 28, U48705, Tyrosine kinase DDR, config: linear, direction: +, begin: 613, end: 713

5' c c c t t c t c t t a g a a t t c t g g a c t c c t a t g t g g g a g g g c 3'

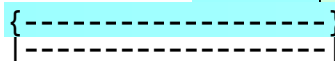
5' a a c a g g g t a a g c t g g t c c a g g c t t a t c t g a t g t t t a a t 3'



p53vivo 5.3 bits



p53vivo 5.7 bits



p53vivo-(10)-p53vivo 663 Gap 1.3 bits
p53vivo-p53vivo 663 total 9.6 bits

5' t c t a t c a t a t c c t c a a c a a g g a a t t 3'

piece 29, X96438, PRG1, config: linear, direction: +, begin: 271, end: 371

5' a g g c c t g t g a g g g a t c c t g t g g c t a a a a t g a g c c c c t c 3'

* *280 * *290 * *300 *

a_g g c c c p53vivo 0.0 bits

5' t c c a g g t g c c a c a t g c c t c g a c a t g t g c c t g c a g c c c g 3'

*310 * *320 * *330 * *340 *

a c a t g c c c p53vivo 7.3 bits

... ----- } p53vivo-(21)-p53vivo 300 Gap 5.3 bits
 ... ----- } p53vivo-p53vivo 300 total 2.1 bits

g a c a t g t c p53vivo 7.6 bits

----- } p53vivo-(10)-p53vivo 321 Gap 1.3 bits
 ----- } p53vivo-p53vivo 321 total 13.5 bits

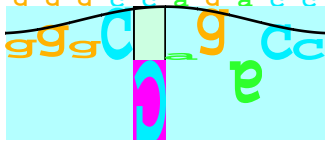
5' g g a t c t c a c c c a c c c c c a c t c a c g a 3'

*350 * *360 * *370

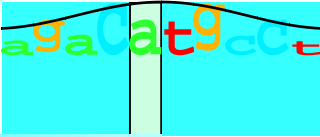
piece 30, M83094, GPX, config: linear, direction: +, begin: 2255, end: 2355

* *2260 * *2270 * *2280 * *2290
5' g g c c c a g c t t g g a a g g g t a a c c t g g a c c g c t g c c g c c t 3'

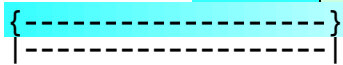
* *2300 * *2310 * *2320 * *2330
5' g g t t g c c t a a a c c a g a c c a g a c a t g c c t g c t g c t c c t t 3'



p53vivo 4.3 bits



p53vivo 11.7 bits



p53vivo-(10)-p53vivo 2305 Gap 1.3 bits
p53vivo-p53vivo 2305 total 14.7 bits

* *2340 * *2350 *
5' c c g g c t t a g g a g g a g c a c g c g t c c c 3'

piece 31, L27475, Caspase-1, config: linear, direction: +, begin: 1316, end: 1416

5' c c t g a t g c a g g c t a c a g t t c t g a t t c t t t a a t g g g a a a 3'

*1320

*

*1330

*

*1340

*

*1350

5' a g a a a t a a a g a c a t g c a t a t g c a t g c a c a g t g a g t a t t 3'

*

*1360

*

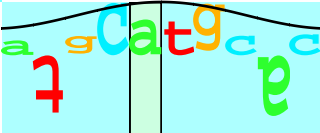
*1370

*

*1380

*

*1390



{-----} p53vivo-(10)-p53vivo 1366 Gap 1.3 bits
|-----| p53vivo-p53vivo 1366 total 11.6 bits

5' t c c c a a t a c a t g t a c a g g c c c t g c c 3'

*

*1400

*

*1410

*

piece 32, AY046902, CDC25C, config: linear, direction: +, begin: 587, end: 687

5' c c t a a c g c t g g t g g g c c a a a c a c t a t c c t g c t c t g g c t 3'

*590

*

*600

*

*610

*

*620

5' a t g g g g c g g g g c a a g t c t t a c c a t t t c c a g a a c c a a g c a 3'

*

*630

*

*640

*

*650

*

*660



p53vivo 10.9 bits



... p53vivo



p53vivo-(21)-p53vivo 637 Gap
p53vivo-p53vivo 637 total 11

5' c a c g c c c c a g g t g a t c t g c g a g c c 3'

*

*670

*

*680

*

... C p53vivo 6.1 bits



piece 33, U18300, DDB2, config: linear, direction: +, begin: 1, end: 72

5' g a g c t c c a a g c t g g t t t g a a c a a g c c c t g g g c a t g t t t 3'

* *10 * *20 * *30 *

a_g C g t_t p53vivo 3.4 bits

g g g C a t g t_t p53vivo 10.5 bits

g_a C a_g c c c p53vivo 9.7 bits

{-----} p53vivo-(10)-p53vivo 12 Gap 1.3 bits
 |-----| p53vivo-p53vivo 12 total 11.8 bits

{-----} p53vivo-(11)-p53vivo 22 Gap 2.3 bits
 |-----| p53vivo-p53vivo 22 total 17.3 bits

{-----} ... p53vivo-(21)-p53vivo 33 Gap 5.3 bits
 |-----| ... p53vivo-p53vivo 33 total 6.3 bits

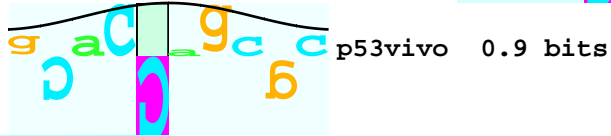
*40 * *50 * *60 * *70 *

5' g g c g g g a a g t t g g c t t a g c t c g g c t a c c t g t g g c 3'

g g g C a g c_c p53vivo 1.0 bits

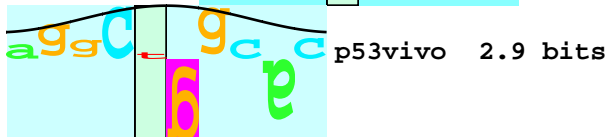
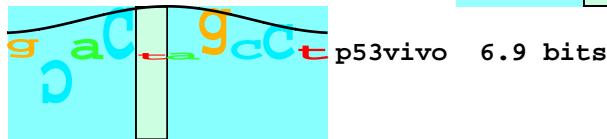
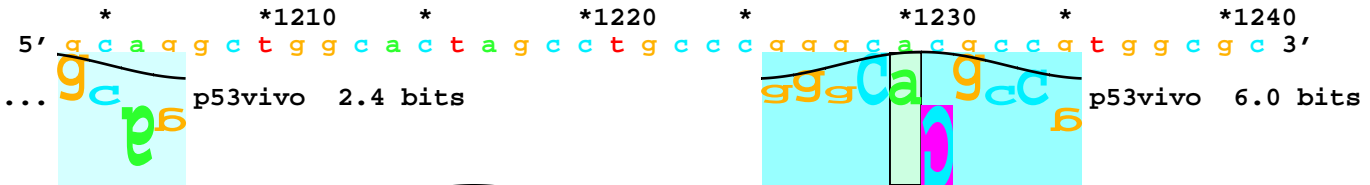
... {-----} p53vivo-(21)-p53vivo 33 Gap 5.3 bits
 ... |-----| p53vivo-p53vivo 33 total 6.3 bits

piece 34, J00277, C-Ha-ras, config: linear, direction: +, begin: 1166, end: 1266



{-----} p53vivo-(13)-p53vivo 1175 Gap 4.3 bits
 {-----} p53vivo-p53vivo 1175 total 2.3 bits

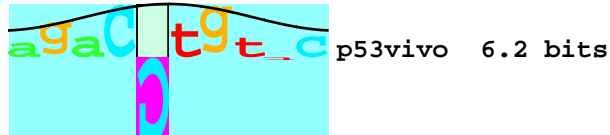
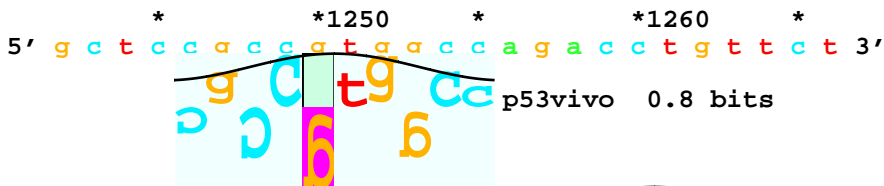
{---} ... p53vivo-(14)-p53vivo
 {---} ... p53vivo-p53vivo



{-----} p53vivo-(14)-p53vivo 1202 Gap 5.3 bits
 {-----} p53vivo-p53vivo 1202 total 4.1 bits

{-----} p53vivo-(10)-p53vivo 1210 Gap 1.3 bits
 {-----} p53vivo-p53vivo 1210 total 5.2 bits

{-----} p53vivo-(14)-p53vivo 1216 Gap 5.3 bits
 {-----} p53vivo-p53vivo 1216 total 7.6 bits
 {-----} p53vivo-(10)-p53vivo 1220 Gap 1.3 bits
 {-----} p53vivo-p53vivo 1220 total 8.3 bits

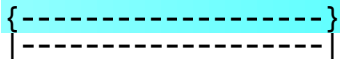
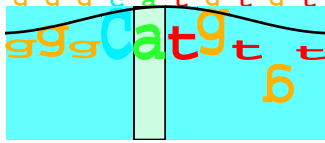


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{-----} p53vivo-(10)-p53vivo 1250 Gap 1.3 bits  
|-----| p53vivo-p53vivo 1250 total 5.6 bits
```

piece 35, Y07755, S100A2 gene, config: linear, direction: +, begin: 2465, end: 2565

* *2470 * *2480 * *2490 * *2500
5' a g t g g c c t t t g a a g g g g g g g t t g g a t t t c a g c a g g a t a 3'

* *2510 * *2520 * *2530 * *2540
5' g a g g g c a t g g g c a t g t g t g g g c a c g t t c t g a a c a g a g g 3'



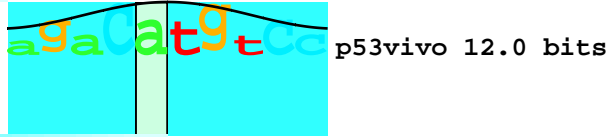
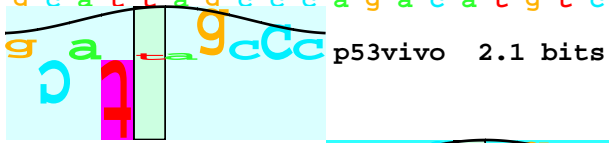
p53vivo 9.1 bits
p53vivo 6.4 bits
p53vivo-(10)-p53vivo 2515 Gap 1.3 bits
p53vivo-p53vivo 2515 total 14.1 bits

* *2550 * *2560 *
5' g g t c a g c g c a a g c c g a g g g t c t t g g 3'

piece 36, AF029081, 14-3-3 sigma, config: linear, direction: +, begin: 6708, end: 6808

*6710 * *6720 * *6730 * *6740 *
5' t t g g g a c g t c a a a c t t a a a a t c c c c t t t a c t t c c t t g g 3'

*6750 * *6760 * *6770 * *6780
5' a a a c c c t g t a c c a t t a g c c c a g a c a t g t c c c t a c t c c t 3'



{-----} p53vivo-(10)-p53vivo 6760 Gap 1.3 bits
|-----| p53vivo-p53vivo 6760 total 12.8 bits

* *6790 * *6800 *
5' c c t t g t g g c a a a g a g a a g g a t c t c g 3'