

Protein Alignment Summary Table (NEF)

Name	Accession No.	Region	First Author	Reference
AGMTYO	X07805	complete genome	Fukasawa, M.	Nature 333, 457-461 (1988)
AGM3	M30931	complete genome	Baier, M.	Virol. 176, 216-221 (1990)
AGM155	M29975	complete genome	Johnson, P.R.	J. Virol. 64, 1086-92 (1990)
SIVREV	L40990	complete genome	Hirsch, V.M.	J. Virol. 69, 955-967 (1995)
VER2L	U04017	nef partial, LTR	Jin, M.J.	EMBO J. 13, 2935-2947 (1994)
AGM691	M33719	nef partial, LTR	Johnson, P.R.	J. Virol. 64, 1086-92 (1990)
AGTYOAB	M63387	nef partial, LTR	Sakuragi, J.-I.	Virol. 185, 455-459 (1991)
AGM677	M66437	complete genome	Fomsgaard, A.	Virol. 182, 397-402 (1991)
GRI3L	U04006	nef partial, LTR	Jin, M.J.	EMBO J. 13, 2935-2947 (1994)
GRI2L	U04007	nef partial, LTR	Jin, M.J.	EMBO J. 13, 2935-2947 (1994)
AGTYOAA	M63386	nef partial, LTR	Sakuragi, J.-I.	Virol. 185, 455-459 (1991)
U04016	U04016	nef partial, LTR	Jin, M.J.	EMBO J. 13, 2935-2947 (1994)
TANI1	U58991	complete genome	Soares, M.A.	Virol. 228, 394-399 (1997)
SAB1C	U04005	complete genome	Jin, M.J.	EMBO J. 13, 2935-2947 (1994)
U20811	U20811	nef	Jubier-Maurin, V.	J. Virol. 69, 7349-7353 (1995)
U20813	U20813	nef	Jubier-Maurin, V.	J. Virol. 69, 7349-7353 (1995)
U21093	U21093	3' nef partial, LTR	Jubier-Maurin, V.	J. Virol. 69, 7349-7353 (1995)
U26297	U26297	nef partial	Bibollet-Ruche, F	Unpublished (1995)
U26298	U26298	nef partial	Bibollet-Ruche, F	Unpublished (1995)
U26299	U26299	nef partial	Bibollet-Ruche, F	Unpublished (1995)
SAB1L15	U04008	nef partial, LTR	Jin, M.J.	EMBO J. 13, 2935-2947 (1994)
SAB1L14	U04009	nef partial, LTR	Jin, M.J.	EMBO J. 13, 2935-2947 (1994)
SAB2L16	U04010	nef partial, LTR	Jin, M.J.	EMBO J. 13, 2935-2947 (1994)
SAB2L17	U04011	nef partial, LTR	Jin, M.J.	EMBO J. 13, 2935-2947 (1994)
SAB3L18	U04012	nef partial, LTR	Jin, M.J.	EMBO J. 13, 2935-2947 (1994)
SAB3L19	U04013	nef partial, LTR	Jin, M.J.	EMBO J. 13, 2935-2947 (1994)
SAB4L10	U04014	nef partial, LTR	Jin, M.J.	EMBO J. 13, 2935-2947 (1994)
SAB4L4	U04015	nef partial, LTR	Jin, M.J.	EMBO J. 13, 2935-2947 (1994)
SYK	L06042	complete genome	Hirsch, V.M.	J. Virol. 67, 1517-28 (1993)

AGM NEF

VERVET. CON MGLgnSKPqHKKd1s1MhALHKT-vT-YGLLADPLIG?Sst?QBECDK?rKtSL IRKtNgAmTpeg. RrLiQeGD?WdEMSD...?EeE...VGFVrPRVPLRQmTYKLAVDfSHFLAKEKGLDGIYsD 118
 AGMTYO --SQ---A--YSK-Q-----H-----T---V-----A-----Q-----E-E-----T-E-----D-E..... 123
 AGM3 -----A-----Q-L-----G-----K-----K-----D-Q-----E..... 123
 AGM155 -----S-----TI-R-A-H-----Q-L-----G-----K-----D-Q-----E..... 123
 STYREV -----HY-----Q-K-----T-AV--Y-G-----D.....E.....D.....K-----E 123
 AGM691 -----X-----E 8
 AGTYOAB -----X----- 8

GRIVET. CON --SS--R-QQGL-K-RG-RGKPGADWV--S-----Q--V-----G-A-K-W...GK-K--D...TF--D...D-E.....Q-----S-----n 120
 AGM677 --SS--R-QQGL-K-RG-RGKPGADWV--S-----Q--V-----G-A-K-W...GK-K--D...TF--D...D-E.....Q-----S-----E 120
 GR13L -----N 1
 GR12L -----N 1

TANTALUS. CON --GS--REQQGL-R-R-R-AP-V--M-----Q-NI-----MNNNGS...TRRGKSTPE.G-KLAA-D.T-D-WBP-E-E.....?---W-P 120
 SIU04016 -----X---W-P 7
 TANI -----E---W-P 121

SABAUS. CON --gKS-Q-QgrS-W-sk-RgaPeI--DM-----l-Q-HI-----A-S-?DG-?QGDSSR-E-ik?K??-rQP.S-Y...de-e...?--?--i-g-----E-f-E 116
 SABC -----GKS-Q-QRHS-W-sk-ROAP-IQ--DM-----L-Q-HI-----A-S-DG--QGDSSR-E-VKMKHQ-RQP.S-Y...EDE-E...CL--A-----I-G-----E 124
 SIU20811 --GKS-Q-QERS-W-AK-ROVPEIQ--DM-----L-Q-HI-----A-S-KDG--KQGDSSR-E-VKMKHQ-RQP.S-Y...DDE-T...Q--M-T-F-G-----E--F-E 124
 SIU20813 --AKS-QRQORS-W-sk-REAPQI--DM-----L-Q-HI-----AES-KDG--KQGDSSR-ED-ITMRHP-RQP.S-Y...DDE-E...I-----F--I-G-----E--F-E 124
 SIU21093 -----XE---F-E 8
 SIU26297 --GKS-Q-QORS-W-SN-ROVPEI--DM-----Q-HI-----A-S-SDG--QGDSSR-E-ikWKP-SQP.S-Y...E-E-E...S--K--A-----I 107
 SIU26298 --GKS-Q-QORS-W-sk-ROAPEI--DM-----Q-HI-----A-S-SDG--QGDSSR-E-ikWKP-NQP.S-Y...D-E-E...E-----I 107
 SIU26299 --GKS-Q-QHS-W-sk-ROAPQI--DM-----L-Q-NI-----A-S-DGS-KQGDSSR-E-ikYKQ-RQP.S-Y...EDE-E...T-F----- 107

SYKES. CON --STS--S-QIRSEKYYAIGWRLFgKQ-TP-P-E-SRPLQPCRGGF--AM-ST-TEPIDPHGDR...DWGHS-GQKfSPg-IVQDEGDTGL-----C-Qt--TL-----I-L--I-N-----Q-MN-CE 128
 SYK -----STS--S-QIRSEKYYAIGWRLFgKQ-TP-P-E-SRPLQPCRGGF--AM-ST-TEPIDPHGDR...DWGHS-GQKfSPg-IVQDEGDTGL-----C-Qt--TL-----I-L--I-N-----Q-MN-CE 128

