

Protein Alignment Summary Table (Rev)

Name(s)	Locus	Accession No.	First Author	Reference
Q23-C&C-CG Q23	HIVQ2317	AF004885	Poss M	<i>J Virol</i> 72 (10) 8240-8251 (1998)
SE7253	ASOSE7253	AF069670	Carr JK	Unpublished (1998)
SE8538	ATZSE8538	AF069669	Carr JK	Unpublished (1998)
SE6594	AUGSE6594	AF069672	Carr JK	Unpublished (1998)
SE7535	AUGSE7535	AF069671	Carr JK	Unpublished (1998)
SE8891	AUGSE8891	AF069673	Carr JK	Unpublished (1998)
AF082486	AF082486	AF082486	Liitsola K	<i>AIDS</i> 12 (14) 1907-1919 (1998)
92UG037	H92UG037	U51190	Gao F	<i>J Virol</i> 70 (3) 1651-1657 (1996)
U455 U455A	HIVU455A	M62320	Oram JD	<i>ARHR</i> 6 (9) 1073-1078 (1990)
UG273A	HIV1UG273A HIVUG273A	L22957	Louwagie J	<i>J Virol</i> 69 (1) 263-271 (1995)
UG275A	HIV1UG275A HIVUG275A	L22951	Louwagie J	<i>J Virol</i> 69 (1) 263-271 (1995)
MBC18 C18 MBCC18	AUMBCC18B	AF042102	Oelrichs RB	<i>ARHR</i> 14 (9) 811-814 (1998)
RL42	HCHRL42CG	U71182	Graf M	<i>ARHR</i> 14 (3) 285-288 (1998)
D31	HIV1D31	U43096	Kreutz R	<i>ARHR</i> 8 (9) 1619-1629 (1992)
HAN HAN-2 HAN2	HIVHAN2	U43141	Sauermann U	<i>ARHR</i> 6 (6) 813-823 (1990)
HXB2 HXB2CG	HIVHXB2R	K03455	Wong-Staal F	<i>Nature</i> 313 (6000) 277-284 (1985)
HXB2R HXB2RCG				
LAI HIVHXB2CG				
LAI BRU BRUCG	HIVLAICG	K02013	Wain-Hobson S	<i>Cell</i> 40 , 9-17 (1985)
OY1, 397	HIVOY1	M26727	Huet T	<i>AIDS</i> 3 (11) 707-715 (1989)
CAM1	HIVCAM1	D10112	McIntosh AA	Unpublished (1991)
MANC	HIVIMANC	U23487	Zhu T	<i>Nature</i> 374 (6522) 503-504 (1995)
3202A21	HIV1ACH320A	U34604	Gullion C	<i>ARHR</i> 11 (12) 1537-1541 (1995)
ACH3202A21				

II-A-38
DEC 98

89SP061	H89SP061	AJ006287	Olivares I	<i>ARRHR</i> 14 (18) 1649–1651 (1998)
JRFL	HIVJRFL	U63632	O'Brien WA	<i>Nature</i> 348 , 69–73 (1990)
MNCG MN	HIVMN	M17449	Gurgo C	<i>Virology</i> 164 , 531–536 (1988)
RF HAT3	HIVRF	M17451	Starcich BR	<i>Cell</i> 45 , 637–648 (1986)
SF2_SF2CG LAV2	HIVSF2CG	K02007	van Beveren CP	In: <i>Weiss RNA Tumor Viruses</i> , Second Edition, Vol. 2: 1124–1141;
ARV2 LAV-2 ARV-2				Unpublished (1995)
WEAU160 GHOSH	HIVWEAU160	U21135	Ghosh SK	Unpublished (1995)
92BR025	H92BR025	U52953	Gao F	<i>J Virol</i> 70 (3) 1651–1667 (1996)
BW96BW0502	BW96BW0502		Novitsky V	Unpublished (1998)
DJ259A DJ2592	HIVIDJ259A HIVDJ259A HIVDJ2592	L22940	Louwagie J	<i>J Virol</i> 69 (1) 263–271 (1995)
DJ373A	HIVIDJ373A HIVDJ373A	L23065	Louwagie J	<i>J Virol</i> 69 (1) 263–271 (1995)
ETH2220 C2220	HIVETH2220	U46016	Salminen MO	<i>ARRHR</i> 12 (14) 1329–1339 (1996)
11246	IN11246	AF067159	Lole KS	<i>J Virol</i> 73 (1) 152–160 (1999)
21068	CIN21068	AF067155	Lole KS	<i>J Virol</i> 73 (1) 152–160 (1999)
301904	CIN301904	AF067157	Lole KS	<i>J Virol</i> 73 (1) 152–160 (1999)
301905	CIN301905	AF067158	Lole KS	<i>J Virol</i> 73 (1) 152–160 (1999)
301999	CIN301999	AF067154	Lole KS	<i>J Virol</i> 73 (1) 152–160 (1999)
SM145A SM145A2	HIVISM145A	L22946	Louwagie J	<i>J Virol</i> 69 (1) 263–271 (1995)
UG268A2	HIVUG268A2	L22948	Louwagie J	<i>J Virol</i> 69 (1) 263–271 (1995)

II-A-39
DEC 98

SE365A2	HIV1SE365A HIVSE365A2	L22945	Louwagie J	<i>J Virol</i> 69 (1) 263–271 (1995)
94UG1141	94UG114	U88824	Gao F	<i>J Virol</i> 72 (7) 5680–98 (1998)
UG269A	HIV1UG269A HIVUG269A	L22949	Louwagie J	<i>J Virol</i> 69 (1) 263–271 (1995)
UG274A2	HIV1UG274A HIVUG274A2	L22950	Louwagie J	<i>J Virol</i> 69 (1) 263–271 (1995)
84ZR085	84ZR085	U88822	Gao F	<i>J Virol</i> 72 (7) 5680–98 (1998)
ELI ELJCG	HIVELJCG	K03454	Alizon M	<i>Cell</i> 46 , 63–74 (1986)
NDK	HIVNDK	M27323	Spire B	<i>Gene</i> 81 , 275–284 (1989)
Z2Z6 Z2 Z34	HIVZ2Z6	M22639	Theodore T	Unpublished (1988)
93BR0201	93BR020	AF005494	Gao F	<i>J Virol</i> 72 (7) 5680–98 (1998)
BZ126A	HIV1BZ126A	L22082	Louwagie J	<i>ARHR</i> 10 (5) 561–567 (1994)
BZ163A	HIV1BZ163A	L22085	Louwagie J	<i>ARHR</i> 10 (5) 561–567 (1994)
FIN9363	FIN9363	AF075703	Salminen M	Unpublished (1998)
DRCBL	DRCBL	AF084936	Debyser Z	<i>ARHR</i> , in press (1999)
HH8793 G_FL-HH8793	HH8793121	AF061641	Salminen M	<i>ARHR</i> 8 (9) 1733–1742 (1992)
SE6165 G6165 G_SE- G6165	AF061642	AF061642	Carr JK	<i>Virology</i> 247 (1) 22–31 (1998)
VI91	VI91		Laukkanen T	Unpublished (1998)
VI97	VI97		Laukkanen T	Unpublished (1998)
U40561, U4056, 90CR056, H90CF056	90CF056	AF005496	Murphy E	<i>ARHR</i> 9 (10) 997–1006 (1993)
SE91733	SE91733	AF082395	Laukkanen T	<i>ARHR</i> 15 (3) 293–297 (1999)
SE92809	SE92809	AF082394	Laukkanen T	<i>ARHR</i> 15 (3) 293–297 (1999)
YBF30	NCMYBF30	AJ006022	Simon F	<i>Nature Medicine</i> 4 (9) 1032–1037 (1998)

ANT70C	HIVANT70C	L20587	Vanden Haesevelde M	<i>J Virol</i> 68 (3) 1586-1596 (1994)
MVP5180	HIVMVP5180	L20571	Gurtler LG	<i>J Virol</i> 68 (3) 1581-1585 (1994)
90cr402 HIVU51188	HIV90CF402	U51188	Gao F	<i>J Virol</i> 70 (10) 7013-7029 (1996)
90CR402 CAR-E 4002				
93TH253	H93TH253	U51189	Gao F	<i>J Virol</i> 70 (10) 7013-7029 (1996)
CM240	HIV1CM240	U54771	Carr JK	<i>J Virol</i> 70 (9) 5935-5943 (1996)
DJ263	DJ263	AF063223	Carr JK	<i>Virology</i> 247 (1) 22-31 (1998)
DJ264	HDJ264	AF063224	Carr JK	<i>Virology</i> 247 (1) 22-31 (1998)
IBNG AG_LNG-IBNG	HIVIBNG	L39106	Howard TM	<i>ARHR</i> 10 (12) 1755-1757 (1994)
94CY032-3	AF049337	AF049337	Gao F	<i>J Virol</i> 72 (12) 10234-10241 (1998)
GR11 97PVCH	AF049292	AF049292	Nasioulas G	<i>ARHR</i> 14 (8) 685-690 (1998)
97PVMY GR84	97PVMY	AF119819	Nasioulas G	<i>ARHR</i> 14 (8) 685-690 (1998)
CPZGAB CIVCG	SIVCPZGAB	X52154	Huet T	<i>Nature</i> 345 , 356-359 (1990)
CPZANT	SIVCPZANT	U42720	Vanden Haesevelde MM	<i>Virology</i> 221 (2) 346-350 (1996)
SIVCPZUS	SIVCPZUS	AF103818	Gao F	<i>Nature</i> 397 (6718) 436-441 (1999)

Amino Acids

II-A-42
DEC 98
B.FR.HXB2
A.KE.Q23.CxC-CG
A.SE.S05R7253
A.SE.TZSR8558
A.SE.UGSR6594
A.SE.UGSR7535
A.SE.UGSR8891
A.UGA.4P082486
A.UGA.92U0037
A.UG.0455
A.UG.UG273A
A.UG.UG275A
B.AU.MBC18
B.ON.RL42
B.DE.D31
B.DE.HAN
B.FR.IAI
B.GA.OYI
B.GB.CAM1
B.GB.WAN
B.NL.ACH320A
B.SP.89SP061
B.US.JRFL
B.US.MN
B.US.RF
B.US.SF2
B.US.WEAL160
C.BM.BM96BM0502
C.DJ.DJ299A
C.DJ.DJ373A
C.ET.ETH220
C.IN.11246
C.IN.21068
C.IN.301904
C.IN.301905
C.IN.301999
C.SO.SM145A
C.UG.UG268A2
D.SN.SE365A2
D.UG.94UG141
D.UG.UG269A
D.UG.UG274A2
D.ZR.84ZR085
D.ZR.ELI
D.ZR.NDK
D.ZR.Z2Z6
F.BR.93BR0201
F.BR.BZ163A
F.FN.FIN9363
G.BE.DRCBL
G.FI.HH8193
G.SE.SE6165
H.BE.VI991
H.BE.VI997
H.CF.90CF056
J.SE.SE9173
J.SE.SE92809
N.CM.YBF30
O.CM.ANT70C
O.CM.MVPS180
AE.CF.90CF482
AE.TH.93TH253
AG.IDU.CM240
AG.IDU.DJ263
AG.IDU.DJ264
AG.NG.IBNG
AGI.CY.94CY0323
AGI.GR.97PVCH
AGI.GR.97PVWY
CEZGAB
CEZANT
SIVCpZUS
MARGSDS...DELLR...IVRLIKL...YQNSPPP...NEEG...TPQARRRRRRR...WEPORQIHSISERLITGLRSAPVPLQ...PPLPERLTLT...CNEPDCGTSGRTO...GVSPOIIVESPVLSEGTKE
...
--GD.A-Q.L-A-I-I-A-F.NS.KN-NE-Q-S-C-s-pd-p-IGG-INSE-STMP-EHQOGRATVVS

exon \ exon
high affinity
binding site
Leu-rich
effector domain