

## HIV2/SIV GAG

### Protein Alignment Summary Table (Gag)

Name	Accession No.	Region	First Author	Reference
ROD	M15390	complete genome	Guyader,M.	Nature 326 (6114), 662–669 (1987)
NHIZ	J03654	complete genome	Zagury,J.F.	PNAS 85, 5941–5945 (1988)
ISY	J04498	complete genome	Franchini,G.	PNAS 86, 2433–2437 (1989)
ST	M31113	complete genome	Kumar,P.	J. Virol. 64, 890–901 (1990)
UC2	U38293	complete genome	Barnett,S.W.	Unpublished (1997)
BEN	M30502	complete genome	Kirchhoff,F.	Virology 177, 305–311 (1990)
CAM2	D00835	complete genome	Tristem,M.F.	J. Gen. Virol. 72, 721 (1991)
D194	J04542	complete genome	Kuehnel,H.	PNAS 86, 2383–2387 (1989)
GHI	M30895	complete genome	Hasegawa,A.	ARRHR 5, 593–604 (1989)
MDS	Z48731	gag pol vif tat rev nef env	Becker,M.	Unpublished
U22047 KR	U22047	complete genome	Kraus,G.K.	PNAS 90 (9), 4226–4230 (1993)
7924A1	L33081	partial p16/p28 gag	Gao,F.	J. Virol. 68, 7433–7477 (1994)
60415K1	L33076	p16/p28 partial gag	Gao,F.	J. Virol. 68, 7433–7477 (1994)
FA1	L33082	partial p16/p28 gag	Gao,F.	J. Virol. 68, 7433–7477 (1994)
HIV2ALT HIV2D205	X61240	complete genome	Dietrich Et. Al,U.	ARRHR 8, 1619 (1992)
UC1	L07625	complete genome	Barnett,S.W.	J. Virol. 67, 1006–1014, (1993)
EHOA	U27200	complete genome	Rey-Cuille,M.A.	Virology 202 (1), 471–476 (1994)
60667K1	L33078	p16/p28 partial gag	Gao,F.	J. Virol. 68, 7433–7477 (1994)
JA1	L33085	partial p16/p28 gag	Gao,F.	J. Virol. 68, 7433–7477 (1994)
FT	L33084	partial p16/p28 gag	Gao,F.	J. Virol. 68, 7433–7477 (1994)
7810A1	L33080	partial p16/p28 gag	Gao,F.	J. Virol. 68, 7433–7477 (1994)
ON	L33086	partial p16/p28 gag	Gao,F.	J. Virol. 68, 7433–7477 (1994)
22381	L33077	p16/p28 partial gag	Gao,F.	J. Virol. 68, 7433–7477 (1994)
FO784	L33083	gag, p16/p28 region	Gao,F.	J. Virol. 68, 7433–7477 (1994)
MM251	M19499	complete genome	Franchini,G.	Nature 328, 539–543 (1987)
MM32H	D01065	complete genome	Rud,E.W.	J. Gen. Virol. 75, 529 (1994)
MM1A11	M76764	complete genome	Luciw,P.A.	ARRHR 8: 395–402 (1992)
MM239	M33262	complete genome	Regier,D.A.	ARRHR 6, 1221–1231 (1990)
MM142	M16403	complete genome	Chakrabarti,L.	Nature 328, 543–547 (1987)
MNE	M32741	complete genome	Benveniste,R.E.	Unpublished (1990)

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SMMH4	X14307	complete genome	Hirsch, V.M.	Nature 339, 389-391 (1989)
SIVSMMH9	M80194	complete genome	Courgnaud, V.	J. Virol. 66, 414-419 (1992)
SMMPB1	M31325	complete genome	Dewhurst, S.	Nature 345, 636-640 (1990)
SIVsmSL92a	U17646	source gag	Chen, Z.	J. Med. Primatol. 24, 108-115 (1995)
SIVsmSL92f	U48815	gag	Chen, Z.	J. Virol. 70 (6), 3617-3627 (1996)
PA1	L33087	gag, ltr	Gao, F.	J. Virol. 68, 7433-7447 (1994)
STM	M83293	complete genome	Novembre, F.J.	Virology 186, 783-787 (1992)
STM22579	X60667	gag, pol	Khan, A.S.	J. Med. Primatol. 20, 167-171 (1991)









CONSENSUS-A  
 ROD DLIh1EggetP?re??TEEDLIhINSUFGKDQ\$ P6 \ 509  
 NIHZ -----Y-PP----- 522  
 ISY -----H-.T-----N-- 519  
 ST -F-Q-KQ-C-.T----- 520  
 UC2 -----R-.A----- 521  
 BEN -----R-H-.E----- 521  
 CAM2 -A-C-.T----- 521  
 D194 -H-G.A----- 521  
 GH1 -KA-H-.A----- 522  
 MDS -K-CK-.T-----T- 521  
 KR -----HK-.A----- 521

CONSENSUS-B  
 D205 -----E- 516  
 UC1 -----E- 521  
 EHOA -----E- 519

CONSENSUS-SD  
 MM251 -----e- 502  
 MM32H -----G- 506  
 MM1A11 -----G- 510  
 MM239 -----G- 510  
 MM142 -----G- 506  
 MNE -----E- 506  
 SMMH4 -----E- 507  
 SMMH9 -----E- 507  
 SMMPB14.441 -----E- 507

CONSENSUS-STM  
 STM -----?-----E- 482  
 STM22579 -----V-----E- 507  
 510