

Exon I

	1.....10.....20.....30.....40.....50.....60.....70.
HXB2	MEPVDPRLEPWKHPGSQPKTACTNCYCKKCCFHCQVCFITKALGISYGRKKRRQRRRAHQNSQTHQASLSKQ
Bru	T.....T.....PP.G.....V.....
Jr	S.....L.....TK.G.....PP.D.....V.....
Oyi	SN.....R.L.....TK.G.....P.D.K.....V.....
93In	N.....N.....N.....SY..L..QK.GL.....S.P.S.ED..NPI..
96Bw	N.....R.....K.....Y..Y..L..Q..G.....STPPS.ED..NLI.E.
92Br	N.....N.....N.....R.SY..L..Q..G.....S.PPS.ED..NPPI..
Eli	.D...N...N.....R.P.NK.H.....Y..P..LN.G.....GPP.GG.A..VIPIP..
Mal	.D...N...N.....R.P.NK.....Y..M...G.....PP.GN.A..DP.PE.
Z2	.D...NI..N.....NR.H.....Y.....G.....PS.GN...DPIPI..
Ug05RP	SI..N.....R.P.NK.....Y..L...G.....P.GD.A..VIPIP..
Ug11LTS	N.....N.....S.P.NK.....Y..I...G.....SP.GDH...DPIPI..
Ug11RP	.D...NI..N.....T.P.NK....V..Y..L..QS.G.....GPT.SNKQ..NPPI..
CM240	..L...N...N.....T...SK.....W...L..LK.G.....KH..GTP.S.KD..NPPI..

Exon II

	80.....90.....100	Country	Clade
HXB2	PTSQPRGD-PTGPKE-KKKVERETETDPFD	France	B
Bru	-	France	B
Jr	.S..Q...-.....S.....DN	USA	B
Oyi	.A.....-.....S.....E.	Gabon	B
93In	.LP RTP.-...SE.S.....SK.K.....	India	C
96Bw	.LP RTQ.N-...SE.S.....SK..A...A	South Africa	C
92Br	.LP.T...-Q..SE.S.....SK.....	Brazil	C
Eli	.S.....-.....Q.....S.A....	DR Congo	D
Mal	.S..H...H.....	DR Congo	D
Z2	.S.....-.....	DR Congo	D
Ug05RP	.S.....-.....	Uganda	D
Ug11LTS	.S.....-.....	Uganda	D
Ug11RP	.IP RTQ.I-S...E.S.....DK....RR.	Uganda	A
CM240	.LP II.RN-...D...S...E.ASKA...QC.	Thailand	CRF_AE