

Table S1. The representative retrovirus sequences used for genome screening and phylogenetic reconstruction

Name	Accession No./Source
Bovine foamy virus	NC 001831.1
Equine foamy virus	NC_002201.1
Feline foamy virus	NC_001871.1
SFVspm	EU010385.1
SFVgor	HM245790.1
SFVcpz	NC_001364.1
SFVmac	NC_010819.1
SFVagm	NC_010820.1
Bovine leukemia virus	NP_056895.1
Human T-cell leukemia virus type 1 (HTLV-1)	NP_057860.1
Human T-cell leukemia virus type 2 (HTLV-2)	NP_041003.2
Bovine immunodeficiency virus	NP_040563.1
Human immunodeficiency virus type 2 (HIV-2)	NP_663784.1
Human immunodeficiency virus type 1 (HIV-1)	ABK51636.1
Simian immunodeficiency virus of colobus (SIVcol)	AAK01033.1
Simian immunodeficiency virus of chimpanzee (SIVcpz)	ABU53017.1
Jembrana disease virus	AAA64389.1
Caprine arthritis-encephalitis virus	NP_040939.1
Ovine maedivisna virus	YP_536867.1
Equine infectious anemia virus	NP_056902.1
Feline immunodeficiency virus	NP_040973.1
Lymphoproliferative disease virus	AAA62195.1
Avian leukosis virus	YP_004222728.1
Rous sarcoma virus	NP_056886.1
Murine endogenous retrovirus ERV-L	CAA73251.1
Python molurus endogenous retrovirus	AAN77283.1
Mouse mammary tumor virus	NP_056880.1
Jaagsiekte sheep retrovirus	NP_041186.1
Simian retrovirus 2	AAA47562.1
Simian retrovirus 1	AAA47732.1
Snakehead retrovirus	NP_043924.1
Walleye dermal sarcoma virus	NP_045937.1
Feline leukemia virus	NP_955577.1
Moloney murine leukemia virus	NP_057933.2
Baboon endogenous virus	BAA89659.1
Gibbon ape leukemia virus	NP_056790.1
Porcine endogenous retrovirus C	CAC39617.1
Rabbit endogenous lentivirus type K (RELK)	Ref. 1
Gray mouse lemur prosimian immunodeficiency virus (pSIVgml)	Ref. 2
Sloth endogenous foamy virus (SloEFV)	Ref. 3
Coelacanth endogenous foamy virus (CoEFV)	This study
Mustelidae endogenous lentivirus (MELV)	Ref. 4
HERV-S	Ref. 5

HERV-L	Ref. 5
HERV-FRD	Ref. 5
HERVH-RTVLH2	Ref. 5
HERV-Hconsensus	Ref. 5
HERVH-RGH2	Ref. 5
HERV-Fc1	Ref. 5
HERV-Fc2	Ref. 5
HERV-W	Ref. 5
HERV-E	Ref. 5
ERV-3	Ref. 5
HERV-T	Ref. 5
Xen1	Ref. 5
HML1	Ref. 5
HML2	Ref. 5
HML3	Ref. 5
HML4	Ref. 5
HML5	Ref. 5
HML6	Ref. 5
HML7	Ref. 5
HML8	Ref. 5
HML9	Ref. 5

References

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