Sequences producing significant alignments:

Accession	Description	Max score	Total score	Query coverage	E value	Max ident	Links	
HM119591.1	Xenotropic MuLV-related virus 5' LTR, partial sequence; and gag p	1373	1373	100%	0	100%		JHK-3 virus
JF908815.1	Xenotropic murine leukemia virus isolate VCaP, complete genome	1275	1424	94%	0	99%		VCaP virus
AC115959.17	Mus musculus chromosome 1, clone RP24-65D16, complete seque	1275	1424	94%	0	99%		
HQ246218.1	Murine leukemia virus N417, complete genome	1271	1271	94%	0	99%		
JF908816.1	Xenotropic murine leukemia virus isolate LAPC4, complete genome	1264	1407	94%	0	99%		
X94150.1	Retroviridae complete genome (murine type C retrovirus)	1247	1247	94%	0	99%	G	
U13766.1	Murine leukemia virus MCF1233, complete genome	1247	1247	94%	0	99%		
AC122266.2	Mus musculus BAC clone RP23-213K18 from 8, complete sequence	1186	1313	94%	0	97%		
AC158362.5	Mus musculus BAC clone RP23-214K5 from chromosome 8, comple	1186	1313	94%	0	97%		
AY252102.1	Murine leukemia virus strain BM5eco, complete genome	1181	1181	94%	0	97%		
M64095.1	Murine leukemia virus gag protein, complete cds	1181	1181	94%	0	97%		
HE599400.1	Mus musculus genomic DNA containing PreXMRV-1 complete provi	1175	1318	94%	0	97%		
FR871849.1	PreXMRV-1 complete proviral genome	1175	1175	94%	0	97%	G	
DQ366149.1	Murine leukemia virus isolate NeRV, complete genome	1175	1175	94%	0	97%		
DQ366148.1	Mus musculus isolate MelARV endogenous B-tropic ecotropic murin	1175	1175	94%	0	97%	G	
DQ366147.1	Mus musculus endogenous ecotropic murine leukemia virus 1, com	1171	1171	94%	0	97%	G	
AK090128.1	Mus musculus colon RCB-0549 Cle-H3 cDNA, RIKEN full-length enr	1171	1171	94%	0	97%	UGM	
AK090125.1	Mus musculus brain CRL-1443 BC3H1 cDNA, RIKEN full-length enri	1171	1298	94%	0	97%	M	
AK090120.1	Mus musculus CRL-1751 WEHI 164 cDNA, RIKEN full-length enrich	1171	1171	94%	0	97%	GM	
J01998.1	AKV murine leukemia virus, complete proviral genome	1171	1171	94%	0	97%		
U63133.1	Mus musculus C-type ecotropic endogenous retrovirus, complete m	1170	1170	94%	0	97%	EGM	
M19118.1	Mouse endogenous ecotropic murine leukemia proviral locus 3 (Em	1170	1170	94%	0	97%		
AK090127.1	Mus musculus brain CRL-1443 BC3H1 cDNA, RIKEN full-length enri	1166	1166	94%	0	97%	GM	
AF034782.1	Synthetic helper virus genomic sequence fragment	1166	1166	94%	0	97%		
AC182253.3	Mus musculus BAC clone RP24-320A8 from chromosome y, comple	1164	1164	94%	0	97%		
AK090126.1	Mus musculus brain CRL-1443 BC3H1 cDNA, RIKEN full-length enri	1160	1160	94%	0	96%	UGM	
M87550.1	Murine leukemia virus putative gag protein (gag), putative reverse	1160	1160	94%	0	96%		
AK145006.1	Mus musculus mammary gland RCB-0526 Jyg-MC(A) cDNA, RIKEN	1158	1158	94%	0	96%	M	
AB213653.1	Murine leukemia virus gag, env genes for gag polyprotein, env poly	1147	1274	94%	0	96%		
EU007908.1	Mus musculus apolipoprotein A-II (Apoa2) gene, complete cds	1140	1140	94%	0	96%		
AC083892.19	Mus musculus strain C57BL/6J chromosome 1 clone rp23-116m12,	1140	1261	94%	0	96%		
K03363.1	MuLV (strain RadLV/VL3(T+L+)) RNA, complete genome	1131	1261	94%	0	96%		
AB213652.1	Murine leukemia virus gag, env genes for gag polyprotein, env poly	1125	1252	94%	0	96%		
U43202.1	RFP provirus of Murine leukemia virus gag precursor protein, pol pr	1125	1246	94%	0	96%		
K00021.1	Friend spleen focus-forming virus (proviral), complete genome	1125	1125	94%	0	96%	G	
AF169256.1	Murine leukemia virus SL3-3, complete genome	1107	1107	94%	0	95%		
EU035300.1	Xenotropic murine leukemia virus isolate NZB-9-1 putative gag-pro	981	981	94%	0	92%		
AC202413.4	Mus musculus BAC clone CH36-265C6 from chromosome y, comple	979	1115	94%	0	93%		
AC144409.3	Mus musculus BAC clone RP24-302I24 from chromosome Y, compl	979	1115	94%	0	93%		
AC175744.2	Mus musculus BAC clone RP24-163J18 from chromosome y, compl	974	1100	94%	0	92%		
AC117614.14	Mus musculus chromosome 5, clone RP23-110C17, complete seque	970	970	94%	0	92%		
K02712.2	FBR murine osteosarcoma, complete proviral sequence integrated	970	1091	94%	0	92%	E	
AF033814.1	Murine osteosarcoma virus, complete genome	959	1080	94%	0	91%	G	
V01184.1	Provirus of a replication defective murine sarcoma virus (FBJ-MuSV	942	1064	76%	0	96%		
AF136154.1	Murine leukemia virus long terminal repeat, partial sequence	922	922	78%	0	95%		
DQ387871.1	Murine leukemia virus clone N2a#58 5' UTR	870	870	66%	0	98%		
AC206013.3	Mus musculus BAC clone RP23-465I7 from chromosome 14, compl	846	846	94%	0	89%		
CT573018.19	Mouse DNA sequence from clone RP24-378G4 on chromosome 14,	846	846	94%	0	89%		
AC216709.3	Mus musculus BAC clone RP24-160F5 from chromosome y, comple	835	835	94%	0	88%		
NG_006884.3	Mus musculus vomeronasal 2, receptor, pseudogene 16 (Vmn2r-ps	833	833	94%	0	88%		
AC124194.3	Mus musculus BAC clone RP23-277L21 from 2, complete sequence	833	833	94%	0	88%		
AK040896.1	Mus musculus adult male aorta and vein cDNA, RIKEN full-length e	833	833	94%	0	88%	UM	
CT030655.7	Mouse DNA sequence from clone RP23-259C9 on chromosome 13,	833	897	94%	0	100%		
AL928935.14	Mouse DNA sequence from clone RP24-114E18 on chromosome 2,	833	833	94%	0	88%		
AL627077.14	Mouse DNA sequence from clone RP23-384D6 on chromosome 4 C	833	833	94%	0	88%		
M80675.1	AKT8 provirus v-akt oncogene, complete cds	806	806	59%	0	99%		
AF221065.1	DG-75 Murine leukemia virus, complete genome	802	802	94%	0	88%		
JF908817.1	Xenotropic murine leukemia virus isolate EKVX, partial genome	782	782	90%	0	88%		
AB050720.1	Mus musculus castaneus endogenous murine leukemia virus Frg1 D	754	886	94%	0	93%		
AY140895.1	Mus musculus endogenous defective Murine leukemia virus LI-8 ga	734	734	80%	0	89%	UEM	
M64096.1	Murine leukemia virus gag protein, complete cds	667	995	89%	0	94%		
X14576.1	Murine leukemia virus defective Du5H genome (unintegrated)	664	1105	89%	0	94%		
JF274252.1	Xenotropic MuLV-related virus RKO, complete genome	654	654	94%	0	84%		< XMRV
FN692043.2	Xenotropic MuLV-related virus 22Rv1/CWR-R1 complete proviral ge	654	654	94%	0	84%		< XMRV
GQ497344.1	Xenotropic MuLV-related virus clone WPI-1106 putative gag-pro-po	654	654	94%	0	84%		< XMRV
GQ497343.1	Xenotropic MuLV-related virus clone WPI-1178 putative gag-pro-po	654	654	94%	0	84%		< XMRV
EF185282.1	Xenotropic MuLV-related virus VP62, complete genome	654	654	94%	0	84%		< XMRV

DQ399707.1	Xenotropic MuLV-related virus VP62, complete genome	654	654	94%	0	84%		< XMRV
DQ241302.1	Xenotropic MuLV-related virus VP42, complete genome	654	654	94%	0	84%		< XMRV
DQ241301.1	Xenotropic MuLV-related virus VP35, complete genome	649	649	94%	0	84%		< XMRV
AK037011.1	Mus musculus adult female vagina cDNA, RIKEN full-length enriche	627	627	94%	5.00E-176	83%	GM	
AK004927.1	Mus musculus adult male liver cDNA, RIKEN full-length enriched lib	627	627	94%	5.00E-176	83%	EGM	
AL627184.18	Mouse DNA sequence from clone RP23-125F21 on chromosome 4 (	627	627	94%	5.00E-176	83%		
FR872816.1	XMRV complete proviral genome, isolate S-162	625	625	94%	2.00E-175	84%		
AC138792.2	Mus musculus BAC clone RP23-235I2 from chromosome 8, comple	621	621	94%	2.00E-174	83%		
AK158167.1	Mus musculus adult inner ear cDNA, RIKEN full-length enriched libr	621	621	94%	2.00E-174	83%	UGM	
AK036817.1	Mus musculus adult female vagina cDNA, RIKEN full-length enriche	621	621	94%	2.00E-174	83%	UGM	
AC167466.6	Mus musculus chromosome 7, clone RP24-220N8, complete sequer	610	610	94%	5.00E-171	83%		
AC102432.9	Mus musculus chromosome 19, clone RP24-114A21, complete seq	610	610	94%	5.00E-171	83%		
AC118010.11	Mus musculus chromosome 5, clone RP23-451E8, complete sequer	604	604	94%	2.00E-169	83%		
AC127575.4	Mus musculus BAC clone RP24-240L12 from chromosome 8, compl	604	604	94%	2.00E-169	83%		
AC161413.5	Mus musculus chromosome 19, clone RP23-106D17, complete seq	604	604	94%	2.00E-169	83%		
AC212854.3	Mus musculus BAC clone CH36-119G5 from chromosome y, compl	593	593	94%	5.00E-166	83%		
AC193421.3	Mus musculus BAC clone CH36-338N11 from chromosome y, comp	593	593	94%	5.00E-166	83%		
AL627314.6	Mouse DNA sequence from clone RP23-354H24 on chromosome 4	590	590	94%	6.00E-165	82%		
AC163703.4	Mus musculus BAC clone RP23-359B23 from chromosome 8, comp	577	577	94%	5.00E-161	82%		
AC159275.6	Mus musculus BAC clone RP23-367C13 from chromosome 8, comp	577	577	94%	5.00E-161	82%		
K02730.1	Murine leukemia virus NZB-9-1 xenotropic proviral DNA, pol and en	568	568	46%	3.00E-158	96%		
JN961264.1	Mus musculus targeted KO-first, conditional ready, lacZ-tagged mu	566	566	44%	1.00E-157	98%		
S80082.1	Murine AIDS virus-related provirus long terminal repeat, complete	562	562	94%	1.00E-156	82%	E	
AY818896.1	Murine leukemia virus serotype HEMV provirus, complete genome	560	674	93%	5.00E-156	89%		
AC163634.4	Mus musculus BAC clone RP23-152O2 from chromosome 12, comp	553	553	94%	8.00E-154	82%		
M26005.1	Mouse endogenous retrovirus truncated gag protein, complete cds	553	553	94%	8.00E-154	82%	E	
L02109.1	Mus musculus proviral retroviral insertion in the cGMP-phosphodies	549	549	94%	1.00E-152	82%	G	
AC104918.13	Mus musculus chromosome 7, clone RP23-335G1, complete sequer	547	547	94%	4.00E-152	82%		
AC112789.4	Mus musculus BAC clone RP23-151J21 from chromosome 7, compl	547	547	94%	4.00E-152	82%		
AC163222.4	Mus musculus chromosome 7, clone RP24-157O12, complete sequ	547	547	94%	4.00E-152	82%		
AC164640.4	Mus musculus BAC clone RP23-228M12 from chromosome 7, comp	547	547	94%	4.00E-152	82%		
AC153954.3	Mus musculus 10 BAC RP24-236E2 (Roswell Park Cancer Institute	547	547	94%	4.00E-152	82%		
FJ544576.1	Mus musculus mobilized endogenous polytropic provirus clone 5 tru	542	542	94%	2.00E-150	82%		