

STS List

VID	Name of virus	target region/gene
S00571	Adeno-associated virus 2 (AAV-2)	p19/p40
S00570	Adeno-associated virus 2 (AAV-2)	p19/p40
S00082	Adeno-associated virus (AAV)	AAV sequences
S00676	African cassava mosaic virus (ACMV)	DNA-A
S00675	African cassava mosaic virus (ACMV)	coat protein (CP)
S00293	African cassava mosaic virus (ACMV)	DNA-B
S00268	African horse sickness virus (AHSV)-serotype 1	segment L2
S00269	African horse sickness virus (AHSV)-serotype 2	segment L2
S00270	African horse sickness virus (AHSV)-serotype 3	segment L2
S00271	African horse sickness virus (AHSV)-serotype 4	segment L2
S00272	African horse sickness virus (AHSV)-serotype 5	segment L2
S00273	African horse sickness virus (AHSV)-serotype 6	segment L2
S00274	African horse sickness virus (AHSV)-serotype 7	segment L2
S00275	African horse sickness virus (AHSV)-serotype 8	segment L2
S00276	African horse sickness virus (AHSV)-serotype 9	segment L2
S00648	African swine fever virus (ASFV)	8CR ORF
S00556	African swine fever virus (ASFV)	ORF I14L
S00458	African swine fever virus (ASFV)	ORFI11L
S00363	Aquatic Birnavirus	genome segment A
S00362	Aquatic Birnavirus	genome segment A
S00361	Aquatic Birnavirus	genome segment A
S00360	Aquatic Birnavirus	genome segment A
S00264	Avian leukosis virus (ALV)	subgroups A-E
S00263	Avian leukosis virus (ALV)	subgroup J
S00262	Avian leukosis virus (ALV)	subgroup J (HPRS-103)
S00294	Avian pneumovirus (APV)-Fr/85/1	glycoprotein (G) gene
S00002	Baculovirus	polyhedrin gene of AcMNPV, AgMNPV, BmMNPV, SfMNPV, SeMNPV, OpMNPV, HzSNPV and AfMNPV
S00692	Banana bunchy top virus (BBTV)	DNA-1
S00691	Banana bunchy top virus (BBTV)	DNA-5
S00690	Banana bunchy top virus (BBTV)	DNA-6
S00689	Banana bunchy top virus (BBTV)	DNA-4
S00688	Banana bunchy top virus (BBTV)	DNA-3
S00433	Borna disease virus (BDV)	p10 protein
S00365	Borna disease virus (BDV)	open reading frame for the p38/40 protein of BDV
S00364	Borna disease virus (BDV)	open reading frame for the p38/40 protein of BDV
S00085	Borna disease virus (BDV)	BDV p24 RNA
S00084	Borna disease virus (BDV)	BDV p24 RNA
S00097	Bovine herpesvirus 1 (BHV-1)	glycoprotein C (gC) gene

S00096	Bovine herpesvirus 1 (BHV-1)	RR gene
S00095	Bovine herpesvirus 1 (BHV-1)	bICP0 gene
S00055	Bovine herpesvirus 1 (BHV-1)	81-bp internal segment of LTR
S00054	Bovine herpesvirus 1 (BHV-1)	276-bp external segment of LTR
S00053	Bovine herpesvirus 1 (BHV-1)	glycoprotein C (gC) gene
S00052	Bovine herpesvirus 1 (BHV-1)	RR gene
S00051	Bovine herpesvirus 1 (BHV-1)	bICP0 gene
S00602	Bovine herpesvirus 4 (BHV-4)	thymidine kinase gene
S00601	Bovine herpesvirus 4 (BHV-4)	thymidine kinase gene
S00033	Bovine leukemia virus (BLV)	glycoprotein 51 (gp51) region of the env gene
S00032	Bovine leukemia virus (BLV)	glycoprotein 51 (gp51) region of the env gene
S00518	Bovine papillomavirus 2 (BPV-2)	L1 region
S00519	Bovine papillomavirus 4 (BPV-4)	E7 region
S00288	Bovine papillomavirus 4 (BPV-4)	E7 ORF
S00287	Bovine papillomavirus 4 (BPV-4)	E7 ORF
S00537	Bovine respiratory syncytial virus (BRSV)	G protein
S00250	Bovine viral diarrhea virus (BVDV)	5' UTR
S00190	Bovine viral diarrhea virus (BVDV)	5' end of gp53 (E2)
S00189	Bovine viral diarrhea virus (BVDV)	5' end of gp53 (E2)
S00405	Bovine viral diarrhoea virus 1 (BVDV-1), NADL strain	p20 (Npro), C coding region
S00633	Canine Parvovirus (CPV)	
S00632	Canine Parvovirus (CPV)	capsid protein VP1/VP2
S00199	Caprine herpesvirus 2 (CrpHV-2)	DNA polymerase (DPOL) gene
S00198	Caprine herpesvirus 2 (CrpHV-2)	DNA polymerase (DPOL) gene
S00562	Channel catfish virus (CCV)	left and right direct repeats (DRL and DRR) in circular or concatemeric CCV DNA
S00561	Channel catfish virus (CCV)	left and right direct repeats (DRL and DRR) in circular or concatemeric CCV DNA
S00560	Channel catfish virus (CCV)	ORF8
S00559	Channel catfish virus (CCV)	ORF8
S00697	Chikungunya (CHIK) virus	
S00196	Chimpanzee hepatitis B virus (ChHBV)	S-gene
S00259	Choristoneura fumiferana entomopoxvirus (CfEPV)	nph I region
S00461	Citrus psorosis virus (CPV)	coat protein (CP)
S00460	Citrus psorosis virus (CPV)	coat protein (CP)
S00193	Classical swine fever virus (CSFV)	E2 gene
S00438	Cotesia congregata polydnavirus (CcPDV)	early parasitism-specific protein 1 (EP1)
S00495	Cytomegalovirus (CMV)	major immediate-early (MIE) gene
S00494	Cytomegalovirus (CMV)	major immediate-early (MIE) gene
S00493	Cytomegalovirus (CMV)	major immediate-early (MIE) gene
S00245	Cytomegalovirus (CMV)	Immediateearly
S00221	Cytomegalovirus (CMV)	gB region
S00220	Cytomegalovirus (CMV)	gB region

S00175	Cytomegalovirus (CMV)	the major immediate early gene (UL123,exon4) of CMV
S00174	Cytomegalovirus (CMV)	nucleotides 170,255 to 170,329 of the CMV AD 169 genome (UL122)
S00161	Cytomegalovirus (CMV)	435bp sequence of CMV DNA within the fourth exon of the gene encoding the major immediate early antigen (MIE) of the CMV
S00127	Cytomegalovirus (CMV)	
S00126	Cytomegalovirus (CMV)	
S00112	Cytomegalovirus (CMV)	glycoprotein B (gB) gene
S00111	Cytomegalovirus (CMV)	glycoprotein B (gB) gene
S00290	East African cassava mosaic virus -UG1 (EACMV/UG1)	DNA-B
S00289	East African cassava mosaic virus -UG1 (EACMV/UG1)	DNA-B
S00292	East African cassava mosaic virus -UG3 (EACMV/UG3)	DNA-B
S00291	East African cassava mosaic virus -UG3 (EACMV/UG3)	DNA-B
S00679	East African cassava mosaic virus (EACMV)	DNA-A
S00678	East African cassava mosaic virus (EACMV)	BC1/ICR
S00677	East African cassava mosaic virus (EACMV)	coat protein (CP)
S00680	East African cassava mosaic virus-CM (EACMV/CM)	AC2/AC3
S00681	East African cassava mosaic virus-TZ (EACMV/TZ)	AC2/AC3
S00510	Enterovirus	VP2 capsid protein-coding regions
S00509	Enterovirus	5' UTR
S00374	Enterovirus	5' NTR
S00348	Enterovirus	5' NCR
S00241	Enterovirus	the highly conserved 5' NCR
S00240	Enterovirus	the highly conserved 5' NCR
S00158	Enterovirus	Enteroviruse genome
S00157	Enterovirus	Enteroviruse genome
S00132	Enterovirus	5' UTR
S00117	Enterovirus	
S00116	Enterovirus	
S00110	Enterovirus	
S00107	Enterovirus	
S00003	Epstein-Barr virus (EBV)	BZLF1 (Zta) mRNA
S00647	Epstein-Barr virus (EBV)	EBNA-1
S00320	Epstein-Barr virus (EBV)	BHRF1 gene
S00319	Epstein-Barr virus (EBV)	latent membrane protein 2 (LMP2)
S00280	Epstein-Barr virus (EBV)	30bp deletion latent membrane protein-1 (del-LMP1)
S00246	Epstein-Barr virus (EBV)	Glycoprotein 220 (gp220)
S00535	Equid herpesvirus 1 (EHV-1)	glycoprotein B (gB)
S00555	Equine arteritis viruses (EAV)	replicase gene
S00554	Equine arteritis viruses (EAV)	replicase gene
S00553	Equine arteritis viruses (EAV)	glycoprotein GL gene

S00552	Equine arteritis viruses (EAV)	glycoprotein GL gene
S00410	Equine herpesvirus 2 (EHV-2)	ORF64 (tegument protein)
S00409	Equine herpesvirus 2 (EHV-2)	ORF64 (tegument protein)
S00563	Equine herpesvirus 4 (EHV-4)	gene 63
S00286	Equine herpesvirus 4 (EHV-4)	ORF33
S00285	Equine herpesvirus 4 (EHV-4)	ORF33
S00284	Equine herpesvirus 4 (EHV-4)	ORF64
S00283	Equine herpesvirus 4 (EHV-4)	ORF64
S00282	Equine herpesvirus 4 (EHV-4)	ORF63
S00281	Equine herpesvirus 4 (EHV-4)	ORF63
S00606	Equine infectious anemia virus (EIAV)	gag gene
S00605	Equine infectious anemia virus (EIAV)	gag gene
S00101	Equine infectious anemia virus (EIAV)	EIAV env gene
S00100	Equine infectious anemia virus (EIAV)	EIAV env gene
S00099	Equine infectious anemia virus (EIAV)	EIAV Wyo gag gene
S00098	Equine infectious anemia virus (EIAV)	EIAV Wyo gag gene
S00086	Equine infectious anemia virus (EIAV)	highly conserved gag gene
S00328	Feline coronavirus (FCoV)	3' UTR
S00327	Feline coronavirus (FCoV)	3' UTR
S00649	Feline immunodeficiency virus (FIV)	V3/V4 region
S00258	Feline immunodeficiency virus (FIV)	env gene V3-V6
S00257	Feline immunodeficiency virus (FIV)	env gene V3-V6
S00083	Feline immunodeficiency virus (FIV)	FIV gag gene (293bp:wild-typeFIV, 272bp:RNA competitor)
S00062	Feline immunodeficiency virus (FIV)	FIV pol gene
S00061	Feline immunodeficiency virus (FIV)	FIV pol gene
S00408	Feline immunodeficiency virus lion lentivirus (FIV-Plc)	
S00318	Feline leukemia virus (FeLV)	U3 long terminal repeat (U3 LTR) region
S00213	Fer-de-Lance virus (FDLV)	polymerase (L) gene
S00212	Fer-de-Lance virus (FDLV)	polymerase (L) gene
S00211	Fer-de-Lance virus (FDLV)	hemagglutinin-neuraminidase (HN) gene
S00210	Fer-de-Lance virus (FDLV)	hemagglutinin-neuraminidase (HN) gene
S00255	Foot-and-mouth disease viruses (FMDVs)	1Agene (the major structural protein VP1)
S00004	Friend leukemia virus (FV)	env gene
S00696	Gammaherpesvirus-68 (gHV-68)	gB
S00695	Gammaherpesvirus-68 (gHV-68)	gB
S00694	Gammaherpesvirus-68 (gHV-68)	gp150
S00693	Gammaherpesvirus-68 (gHV-68)	gp150
S00703	GB virus-C/hepatitis G virus (GBV-C/HGV)	E2
S00702	GB virus-C/hepatitis G virus (GBV-C/HGV)	E2
S00701	GB virus-C/hepatitis G virus (GBV-C/HGV)	5' NCR
S00700	GB virus-C/hepatitis G virus (GBV-C/HGV)	5' NCR
S00378	H-1 Parvovirus	the 5' and 3' ends

S00223	Hantaan (HTN), Seoul (SEO) virus	precore/core region
S00203	Hantaan (HTN), Seoul (SEO) virus	S segment, N
S00202	Hantaan (HTN), Seoul (SEO) virus	S segment, N
S00201	Hantaan (HTN), Seoul (SEO) virus	M segment, G2
S00200	Hantaan (HTN), Seoul (SEO) virus	M segment, G2
S00006	Hepatitis A virus (HAV)	the conserved sequence of the VP1 capsid region
S00046	Hepatitis A virus (HAV)	RNA polymerase region, genotype IB-based
S00045	Hepatitis A virus (HAV)	RNA polymerase region, genotype IB-based
S00007	Hepatitis B virus (HBV)	any multimers of the pregenomic HBV mRNA
S00030	Hepatitis B virus (HBV)	
S00685	Hepatitis B virus (HBV)	preCore/Core region
S00684	Hepatitis B virus (HBV)	preCore/Core region
S00683	Hepatitis B virus (HBV)	preS1, preS2 and HBsAg region
S00682	Hepatitis B virus (HBV)	preS1, preS2 and HBsAg region
S00617	Hepatitis B virus (HBV)	core region
S00616	Hepatitis B virus (HBV)	pre-S segment
S00615	Hepatitis B virus (HBV)	pre-S segment
S00614	Hepatitis B virus (HBV)	pre-S segment
S00613	Hepatitis B virus (HBV)	HBV precore sequences
S00612	Hepatitis B virus (HBV)	HBV precore sequences
S00256	Hepatitis B virus (HBV)	the gene encoding the HBV surface antigen
S00239	Hepatitis B virus (HBV)	the pre-S region of HBV
S00238	Hepatitis B virus (HBV)	for HBV genotyping
S00237	Hepatitis B virus (HBV)	for HBV genotyping
S00236	Hepatitis B virus (HBV)	the core promoter/precore region
S00235	Hepatitis B virus (HBV)	the core promoter/precore region
S00222	Hepatitis B virus (HBV)	precore/core region
S00156	Hepatitis B virus (HBV)	HBV splice-generated protein (HBSP) gene
S00008	Hepatitis C virus (HCV)	the highly conserved 5'-NC of HCV genome
S00671	Hepatitis C virus (HCV)	3' NCR 2
S00670	Hepatitis C virus (HCV)	3' NCR 2-3
S00669	Hepatitis C virus (HCV)	3' NCR 1-2
S00668	Hepatitis C virus (HCV)	3' NCR 1-3
S00635	Hepatitis C virus (HCV)	5' UTR
S00634	Hepatitis C virus (HCV)	5' UTR
S00610	Hepatitis C virus (HCV)	highly conserved 5'UTR of the genome
S00609	Hepatitis C virus (HCV)	highly conserved 5'UTR of the genome
S00600	Hepatitis C virus (HCV)	to amplify the fragments for genotypes 2,3,4
S00599	Hepatitis C virus (HCV)	to amplify the fragments for genotypes 1,5,6
S00576	Hepatitis C virus (HCV)	5' UTR
S00575	Hepatitis C virus (HCV)	5' UTR
S00574	Hepatitis C virus (HCV)	5' UTR

S00573	Hepatitis C virus (HCV)	5' UTR
S00566	Hepatitis C virus (HCV)	5' UTR/core region
S00565	Hepatitis C virus (HCV)	5' UTR/core region
S00564	Hepatitis C virus (HCV)	5' UTR/core region
S00508	Hepatitis C virus (HCV)	5' NCR
S00470	Hepatitis C virus (HCV)	5' NCR
S00469	Hepatitis C virus (HCV)	5' NCR
S00468	Hepatitis C virus (HCV)	E1/E2
S00467	Hepatitis C virus (HCV)	E1/E2
S00437	Hepatitis C virus (HCV)	NS5
S00436	Hepatitis C virus (HCV)	NS3
S00435	Hepatitis C virus (HCV)	NS2, NS3
S00434	Hepatitis C virus (HCV)	E2, p7, NS2
S00396	Hepatitis C virus (HCV)	region T of the 3' X-tail
S00395	Hepatitis C virus (HCV)	region T of the 3' X-tail
S00394	Hepatitis C virus (HCV)	5' part of the 3' X-tail
S00393	Hepatitis C virus (HCV)	5' part of the 3' X-tail
S00377	Hepatitis C virus (HCV)	highly conserved 5'-untranslated region of the HCV genome
S00326	Hepatitis C virus (HCV)	5' UTR
S00325	Hepatitis C virus (HCV)	NS5 regions of the HCV genome
S00324	Hepatitis C virus (HCV)	NS4 regions of the HCV genome
S00323	Hepatitis C virus (HCV)	NS3 regions of the HCV genome
S00322	Hepatitis C virus (HCV)	core regions of the HCV genome
S00302	Hepatitis C virus (HCV)	3' NCR
S00301	Hepatitis C virus (HCV)	5' NCR
S00300	Hepatitis C virus (HCV)	5' NCR
S00299	Hepatitis C virus (HCV)	hypervariable region 1 (HVR-1) of E2 protein
S00265	Hepatitis C virus (HCV)	5' NCR
S00247	Hepatitis C virus (HCV)	5' UTR
S00231	Hepatitis C virus (HCV)	5' NCR
S00230	Hepatitis C virus (HCV)	5' NCR
S00179	Hepatitis C virus (HCV)	highly conserved 5' UTR
S00178	Hepatitis C virus (HCV)	highly conserved 5' UTR
S00173	Hepatitis C virus (HCV)	5' UTR
S00153	Hepatitis C virus (HCV)	hypervariable region 1 (HVR-1)
S00152	Hepatitis C virus (HCV)	hypervariable region 1 (HVR-1)
S00031	Hepatitis D virus (HDV)	917 to 1270 of HDV genomic RNA
S00608	Hepatitis E virus (HEV)	HEV RNA polymerase gene
S00607	Hepatitis E virus (HEV)	HEV RNA polymerase gene
S00547	Hepatitis E virus (HEV)	ORF2
S00546	Hepatitis E virus (HEV)	ORF2
S00545	Hepatitis E virus (HEV)	ORF1

S00544	Hepatitis E virus (HEV)	ORF1
S00048	Hepatitis E virus (HEV)	RNA polymerase region, genotype 1-based
S00047	Hepatitis E virus (HEV)	RNA polymerase region, genotype 1-based
S00525	Hepatitis G virus (HGV)	NS3 region
S00524	Hepatitis G virus (HGV)	NS3 region
S00523	Hepatitis G virus (HGV)	5' NCR
S00522	Hepatitis G virus (HGV)	5' NCR
S00390	Hepatitis G virus (HGV)	core fragment
S00389	Hepatitis G virus (HGV)	NS-3 fragment
S00568	Herpes simplex virus 1 (HSV-1)	thymidine kinase (TK) gene, type 1 specific
S00567	Herpes simplex virus 1 (HSV-1)	UL 42 region
S00176	Herpes simplex virus 1 (HSV-1)	UL42:278bp
S00155	Herpes simplex virus 1 (HSV-1)	DNA polymerase (DPOL) gene
S00611	Herpes simplex virus 2 (HSV-2)	Xho-2 sequences
S00569	Herpes simplex virus 2 (HSV-2)	thymidine kinase (TK) gene, type 2 specific
S00177	Herpes simplex virus 2 (HSV-2)	Thymidine kinase:110bp
S00011	Herpes simplex virus (HSV)	viral thymidine kinase gene
S00502	Herpes simplex virus (HSV)	GlycoproteinBgene
S00123	Herpes simplex viruses 1 (HSV-1)	
S00122	Herpes simplex viruses 1 (HSV-1)	
S00125	Herpes simplex viruses 2 (HSV-2)	
S00124	Herpes simplex viruses 2 (HSV-2)	
S00243	Herpes simplex viruses (HSV)	DNA polymerase (DPOL) gene
S00228	Herpes simplex viruses (HSV)	glycoprotein B (gB) gene
S00143	Herpes simplex viruses (HSV)	glycoprotein D (gD) gene
S00142	Herpes simplex viruses (HSV)	glycoprotein D (gD) gene
S00106	Herpes simplex viruses (HSV)	glicoprotein D (gD) gene
S00105	Herpes simplex viruses (HSV)	glicoprotein D (gD) gene
S00580	Human adenovirus	VA RNA regions
S00579	Human adenovirus	VA RNA regions
S00001	Human adenovirus (Ad5)	E2B
S00026	Human adenovirus (Ad5)	E1a
S00027	Human adenovirus (Ad5)	E1b
S00028	Human adenovirus (Ad5)	pIX
S00029	Human adenovirus (Ad5)	E3
S00572	Human adenovirus (Ad5)	
S00796	Human adenovirus (Ad5)	E1B
S00797	Human adenovirus (Ad5)	E1A
S00160	Adenovirus (Ad)	956bp product of the sequenced Ad 2 genome
S00159	Adenovirus (Ad)	956bp product of the sequenced Ad 2 genome
S00041	Adenovirus (Ad)	hexon
S00104	Human coronaviruse (HuCV)	HuCV-229E S1gene portion

S00103	Human coronaviruse (HuCV)	HuCV-229E N gene
S00009	Human cytomegalo virus (HCMV)	
S00515	Human cytomegalovirus (CMV)	major immediate-early (MIE) gene
S00487	Human cytomegalovirus (CMV)	morphological transforming region II
S00486	Human cytomegalovirus (CMV)	morphological transforming region II
S00521	Human cytomegalovirus (HCMV)	UL18
S00520	Human cytomegalovirus (HCMV)	glycoprotein B (gB)
S00334	Human cytomegalovirus (HCMV)	gB region
S00333	Human cytomegalovirus (HCMV)	gB region
S00332	Human cytomegalovirus (HCMV)	gB region
S00331	Human cytomegalovirus (HCMV)	gH region
S00330	Human cytomegalovirus (HCMV)	gH region
S00329	Human cytomegalovirus (HCMV)	gH region
S00219	Human cytomegalovirus (HCMV)	Major capsid protein gene
S00218	Human cytomegalovirus (HCMV)	Major capsid protein gene
S00217	Human cytomegalovirus (HCMV)	Immediate-early gene
S00163	Human cytomegalovirus (HCMV)	fourth exon of the major IE gene
S00162	Human cytomegalovirus (HCMV)	fourth exon of the major IE gene
S00145	Human cytomegalovirus (HCMV)	exon 4 of the major immediate-early gene
S00115	Human cytomegalovirus (HCMV)	glycoprotein B (gB) gene
S00113	Human cytomegalovirus (HCMV)	fourth exon of the immediate-early gene
S00108	Human cytomegalovirus (HCMV)	major IE gene
S00044	Human cytomegalovirus (HCMV)	US12 gene
S00043	Human cytomegalovirus (HCMV)	US2 gene
S00429	Human endogenous retroviral (HERV-H)	gag, pol genes
S00646	Human endogenous retrovirus family (HERV-W)	long terminal repeat (LTR) element
S00170	Human enteroviruses	5' UTR
S00421	Human foamy virus (HFV)	bel gene
S00420	Human foamy virus (HFV)	bel gene
S00419	Human foamy virus (HFV)	pol gene
S00418	Human foamy virus (HFV)	pol gene
S00010	Human Herpes virus	thpe 8 specific
S00638	Human herpesvirus 6 (HHV-6)	HHV-6 DNA
S00637	Human herpesvirus 6 (HHV-6)	HHV-6 DNA
S00598	Human herpesvirus 6 (HHV-6)	glycoprotein H gene (NGH)
S00597	Human herpesvirus 6 (HHV-6)	large tegument protein (LTP) gene
S00596	Human herpesvirus 6 (HHV-6)	large tegument protein (LTP) gene
S00595	Human herpesvirus 6 (HHV-6)	large tegument protein (LTP) gene
S00131	Human herpesvirus 6 (HHV-6)	
S00130	Human herpesvirus 6 (HHV-6)	
S00081	Human herpesvirus 6 (HHV-6)	U100 (gp82/105)
S00080	Human herpesvirus 6 (HHV-6)	U94 (Rep)

S00079	Human herpesvirus 6 (HHV-6)	U91 (IE-A(antisense)nonspliced/singlesplice)
S00078	Human herpesvirus 6 (HHV-6)	U89-U90 (IE-A(Kpn))
S00077	Human herpesvirus 6 (HHV-6)	U89-U90 (IE-A(Kpn))
S00076	Human herpesvirus 6 (HHV-6)	U73 (Originbindingprotein)
S00075	Human herpesvirus 6 (HHV-6)	U53 (Protease)
S00074	Human herpesvirus 6 (HHV-6)	U42 (Conservedtransactivator)
S00073	Human herpesvirus 6 (HHV-6)	U41 (MajorDNAbindingprotein)
S00072	Human herpesvirus 6 (HHV-6)	U39 (gB)
S00071	Human herpesvirus 6 (HHV-6)	U31 (Largetegumentprotein)
S00070	Human herpesvirus 6 (HHV-6)	U19 (IE-B)
S00069	Human herpesvirus 6 (HHV-6)	U18-U19-U20 (IE-B)
S00068	Human herpesvirus 6 (HHV-6)	U16-U17 (IE-Bsinglesplice,US22family)
S00641	Human herpesvirus 6 (HHV-6) and Human herpesvirus 7 (HHV-7)	exon 50 of the dystrophin gene
S00640	Human herpesvirus 7 (HHV-7)	HHV-7DNA
S00639	Human herpesvirus 7 (HHV-7)	HHV-7DNA
S00317	Human herpesvirus 7 (HHV-7)	U98/100 (Glycoprotein complex)
S00316	Human herpesvirus 7 (HHV-7)	U89/90 (IE-A)
S00315	Human herpesvirus 7 (HHV-7)	U73 (Origin binding protein)
S00314	Human herpesvirus 7 (HHV-7)	U60/66 (DNA packaging)
S00313	Human herpesvirus 7 (HHV-7)	U53 (Protease)
S00312	Human herpesvirus 7 (HHV-7)	U42 (Conserved transactivator)
S00311	Human herpesvirus 7 (HHV-7)	U41 (Major DNA binding protein)
S00310	Human herpesvirus 7 (HHV-7)	U39 (gB)
S00309	Human herpesvirus 7 (HHV-7)	U31 (Large tegument protein)
S00308	Human herpesvirus 7 (HHV-7)	U18/20 (IE-B)
S00307	Human herpesvirus 7 (HHV-7)	U19 (IE-B)
S00306	Human herpesvirus 7 (HHV-7)	U18 (IE-B)
S00305	Human herpesvirus 7 (HHV-7)	U16/17 (IE-B)
S00304	Human herpesvirus 7 (HHV-7)	U14 (Tegument phosphoprotein)
S00303	Human herpesvirus 7 (HHV-7)	U10 (nuclear phosphoprotein)
S00665	Human herpesvirus 8 (HHV-8)	ORF57
S00664	Human herpesvirus 8 (HHV-8)	ORF57
S00656	Human herpesvirus 8 (HHV-8)	latency-associated nuclear antigen (LNA-1)
S00534	Human herpesvirus 8 (HHV-8)	K1 external domain (K1EX)
S00533	Human herpesvirus 8 (HHV-8)	K1 N terminus (K1N)
S00532	Human herpesvirus 8 (HHV-8)	gH, ORF22
S00531	Human herpesvirus 8 (HHV-8)	tegument, ORF75
S00530	Human herpesvirus 8 (HHV-8)	KS233, ORF26
S00167	Human herpesvirus 8 (HHV-8)	
S00166	Human herpesvirus 8 (HHV-8)	minor capsid protein
S00483	Human Herpesviruses (HHVs)	the major capsid protein of HHV-7
S00482	Human Herpesviruses (HHVs)	the major capsid protein of HHV-6

S00497	Human immunodeficiency virus 1 (HIV-1)	RAS
S00496	Human immunodeficiency virus 1 (HIV-1)	NEF
S00440	Human immunodeficiency virus 1 (HIV-1)	gag gene
S00424	Human immunodeficiency virus 1 (HIV-1)	gag gene
S00423	Human immunodeficiency virus 1 (HIV-1)	env gene
S00422	Human immunodeficiency virus 1 (HIV-1)	tat, rev, nef genes
S00392	Human immunodeficiency virus 1 (HIV-1)	vif gene, conserved region 5' and 3'
S00391	Human immunodeficiency virus 1 (HIV-1)	vif gene, conserved region 5' and 3'
S00359	Human immunodeficiency virus 1 (HIV-1)	SI V3 sequences
S00358	Human immunodeficiency virus 1 (HIV-1)	SI V3 sequences
S00357	Human immunodeficiency virus 1 (HIV-1)	SI V3 sequences
S00356	Human immunodeficiency virus 1 (HIV-1)	SI V3 sequences
S00355	Human immunodeficiency virus 1 (HIV-1)	gp120 V3 domains
S00354	Human immunodeficiency virus 1 (HIV-1)	gp120 V3 domains
S00345	Human immunodeficiency virus 1 (HIV-1)	HIV-1MN proviral DNA
S00344	Human immunodeficiency virus 1 (HIV-1)	HIV RNA
S00343	Human immunodeficiency virus 1 (HIV-1)	HIV RNA
S00254	Human immunodeficiency virus 1 (HIV-1)	
S00253	Human immunodeficiency virus 1 (HIV-1)	
S00252	Human immunodeficiency virus 1 (HIV-1)	pol gene
S00251	Human immunodeficiency virus 1 (HIV-1)	pol gene
S00227	Human immunodeficiency virus 1 (HIV-1)	RT gene (mutant type)
S00226	Human immunodeficiency virus 1 (HIV-1)	RT gene (wild type)
S00225	Human immunodeficiency virus 1 (HIV-1)	RT gene
S00181	Human immunodeficiency virus 1 (HIV-1)	protease (pro) gene
S00180	Human immunodeficiency virus 1 (HIV-1)	protease (pro) gene
S00151	Human immunodeficiency virus 1 (HIV-1)	gp120 (env) V3-V5 region
S00150	Human immunodeficiency virus 1 (HIV-1)	gp120 (env) V3-V5 region
S00149	Human immunodeficiency virus 1 (HIV-1)	gp120 (env) V1-V2 region
S00148	Human immunodeficiency virus 1 (HIV-1)	gp120 (env) V1-V2 region
S00093	Human immunodeficiency virus 1 (HIV-1)	Complete LTR (C-LTR)
S00092	Human immunodeficiency virus 1 (HIV-1)	Complete LTR (C-LTR)
S00091	Human immunodeficiency virus 1 (HIV-1)	Pan-LTR
S00090	Human immunodeficiency virus 1 (HIV-1)	Pan-LTR
S00102	Human immunodeficiency virus 2 (HIV-2)	HIV-1 LTR DNA
S00042	Human immunodeficiency virus 2 (HIV-2)	V3 region of gp105 (HIV-2ROD env gene)
S00485	Human immunodeficiency virus (HIV)	HIV DNA
S00484	Human immunodeficiency virus (HIV)	HIV DNA
S00428	Human papillomavirus 16 (HPV-16)	long control region (LCR)
S00427	Human papillomavirus 16 (HPV-16)	E2
S00426	Human papillomavirus 16 (HPV-16)	E6/E7
S00425	Human papillomavirus 16 (HPV-16)	E6/E7

S00666	Human papillomavirus 16 (HPV16)	E6
S00492	Human papillomavirus 16 (HPV16)	non coding region of HPV 16
S00491	Human papillomavirus 16 (HPV16)	non coding region of HPV 16
S00513	Human papillomavirus 47 (HPV47)	E7 open reading frame
S00644	Human papillomavirus 6 (HPV6)	E6/7
S00643	Human papillomavirus 6 (HPV6)	E2
S00653	Human papillomavirus (HPV)	full-length viral genome
S00478	Human papillomavirus (HPV)	HPV LI DNA
S00477	Human papillomavirus (HPV)	HPV LI DNA
S00476	Human papillomavirus (HPV)	HPV LI DNA
S00475	Human papillomavirus (HPV)	HPV LI DNA
S00474	Human papillomavirus (HPV)	HPV LI DNA
S00473	Human papillomavirus (HPV)	HPV LI DNA
S00472	Human papillomavirus (HPV)	HPV LI DNA
S00471	Human papillomavirus (HPV)	HPV LI DNA
S00387	Human papillomavirus (HPV)	L1 open reading frames
S00386	Human papillomavirus (HPV)	L1 open reading frames
S00385	Human papillomavirus (HPV)	E1open reading frame
S00384	Human papillomavirus (HPV)	E1open reading frame
S00234	Human papillomaviruses (HPV)	the central segment of the HPV16 LCR
S00233	Human papillomaviruses (HPV)	for HPV typing
S00232	Human papillomaviruses (HPV)	for HPV typing
S00457	Human papillomaviruses (HPV), RTRX7	E1/E7
S00456	Human papillomaviruses (HPV), RTRX7	E1/E7
S00455	Human papillomaviruses (HPV), RTRX7	E2/E4
S00454	Human papillomaviruses (HPV), RTRX7	E2/E4
S00453	Human papillomaviruses (HPV), RTRX7	NCR/E6
S00452	Human papillomaviruses (HPV), RTRX7	NCR/E6
S00451	Human papillomaviruses (HPV), RTRX7	L2
S00450	Human papillomaviruses (HPV), RTRX7	L2
S00449	Human papillomaviruses (HPV), RTRX7	L1
S00448	Human papillomaviruses (HPV), RTRX7	L1
S00342	Human papillomaviruses(HPVs)	the late L1 ORF
S00341	Human papillomaviruses(HPVs)	the late L1 ORF
S00012	Human papilloma virus (HPV)	
S00619	Human parainfluenza virus 1 (HPIV-1)	hemagglutinin-neuraminidase (HN) gene
S00618	Human parainfluenza virus 1 (HPIV-1)	hemagglutinin-neuraminidase (HN) gene
S00620	Human parvovirus 11	for HPV typing
S00631	Human parvovirus 16	L1 region
S00630	Human parvovirus 16	L1 region
S00629	Human parvovirus 16	L1 region
S00628	Human parvovirus 16	L1 region

S00627	Human parvovirus 16	L1 region
S00622	Human parvovirus 16	for HPV typing
S00621	Human parvovirus 16	for HPV typing
S00588	Human parvovirus 16	Type 16 Specific Primer (New)
S00587	Human parvovirus 16	Type 16 Specific Primer (Conventional)
S00623	Human parvovirus 18	for HPV typing
S00590	Human parvovirus 18	Type 18 Specific Primer (New)
S00589	Human parvovirus 18	Type 18 Specific Primer (Conventional)
S00624	Human parvovirus 31	for HPV typing
S00592	Human parvovirus 31	Type 31 Specific Primer (New)
S00591	Human parvovirus 31	Type 31 Specific Primer (Conventional)
S00625	Human parvovirus 33	for HPV typing
S00594	Human parvovirus 33	Type 33 Specific Primer (New)
S00593	Human parvovirus 33	Type 33 Specific Primer (Conventional)
S00626	Human parvovirus 35	for HPV typing
S00578	Human parvovirus B19	B19 DNA
S00577	Human parvovirus B19	B19 DNA
S00586	Human parvovirus (HPV)	beta-Globin
S00585	Human parvovirus (HPV)	HPVearlyprotein1(E1)
S00584	Human parvovirus (HPV)	HPV late structural protein 1 (L1)
S00583	Human parvovirus (HPV)	HPV late structural protein 1 (L1)
S00582	Human parvovirus (HPV)	ORF L1
S00581	Human parvovirus (HPV)	ORF L1
S00512	Human respiratory syncytial virus (RSV)	G gene
S00511	Human respiratory syncytial virus (RSV)	G gene
S00013	Human T-cell leukemia virus type I (HTLV-I)	pX region
S00040	Human T-cell lymphotropic virus 1 (HTLV-1)	5' LTR
S00039	Human T-cell lymphotropic virus 1 (HTLV-1)	5' LTR
S00038	Human T-cell lymphotropic virus 1 (HTLV-1)	pol gene
S00037	Human T-cell lymphotropic virus 1 (HTLV-1)	gag gene
S00036	Human T-cell lymphotropic virus 1 (HTLV-1)	env gene
S00035	Human T-cell lymphotropic virus 1 (HTLV-1)	tax gene
S00673	Indian peanut clump virus (IPCV) -H	coat protein (CP)
S00296	Infectious bursal disease virus (IBDV)-serotype 2	5' NCR of segment A
S00295	Infectious bursal disease virus (IBDV)-serotype 2	3' NCR of segment A
S00672	Infectious salmon anaemia virus (ISAV)	segment 2
S00034	Infectious salmon anaemia virus (ISAV)	segment 8
S00014	Influenza A virus	segment 8
S00347	Influenza A virus	HA genes
S00346	Influenza A virus	HA genes
S00655	Influenza B virus	NA gene
S00654	Influenza B virus	HA gene

S00652	Influenza B virus	segment 7 (M1/BM2)
S00015	Influenza C virus	segment 7
S00404	Influenza virus A/PR/8/34	NS gene
S00403	Influenza virus A/PR/8/34	M gene
S00402	Influenza virus A/PR/8/34	NA gene
S00401	Influenza virus A/PR/8/34	NP gene
S00400	Influenza virus A/PR/8/34	HA gene
S00399	Influenza virus A/PR/8/34	PA gene
S00398	Influenza virus A/PR/8/34	PB1 gene
S00397	Influenza virus A/PR/8/34	PB2 gene
S00373	Influenza viruses	A/N2
S00372	Influenza viruses	A/N1
S00371	Influenza viruses	A/H3
S00370	Influenza viruses	A/H1
S00369	Influenza viruses	B/NS
S00368	Influenza viruses	A/NP
S00063	Jaagsiekte sheep retrovirus (JSRV21)	exogenous JSRV
S00016	JC virus (JCV)	regulatory region
S00604	JC virus (JCV)	T-antigen genes
S00603	JC virus (JCV)	T-antigen genes
S00459	JC virus (JCV)	VP1
S00089	Kaposi's sarcoma-associated herpesvirus (KSHV/HHV8)	KSHV/HHV8 major capsid protein (MCP) gene
S00088	Kaposi's sarcoma-associated herpesvirus (KSHV/HHV8)	KSHV/HHV8 major capsid protein (MCP) gene
S00087	Kaposi's sarcoma-associated herpesvirus (KSHV/HHV8)	KSHV/HHV8 genes ORF K12 (encoding kaposin)
S00379	Kilham rat virus (KRV)	the 5' and 3' ends
S00660	LaCrosse (LAC) virus	L segment
S00659	LaCrosse (LAC) virus	M segment
S00658	LaCrosse (LAC) virus	S segment
S00144	Lymphocytic choriomeningitis virus (LCMV)	glycoprotein (GP)-1
S00121	Measlesvirus	
S00120	Measlesvirus	
S00321	Molluscum contagiosum virus (MCV)	MC54L gene
S00197	Mosquito-borne flavivirus	3' NCR of NS5 gene
S00017	Mouse hepatitis virus (MHV)	S1 region of spike glycoprotein
S00018	Mouse mammary tumor virus (MMTV)	envelope gene (proviral genome)
S00261	Mouse mammary tumor virus (MMTV)	integration site
S00021	Mouse Polyoma virus	region of the early sense strand
S00645	Multiple sclerosis-associated retrovirus (MSRV)	pol gene
S00543	Mumps virus	haemagglutinin-neuraminidase (HN)
S00542	Mumps virus	small hydrophobic (SH)
S00541	Mumps virus	small hydrophobic (SH)

S00538	Mumps virus, genotypes A	
S00539	Mumps virus, genotypes C	
S00540	Mumps virus, genotypes D	
S00119	Mumpsvirus	
S00118	Mumpsvirus	
S00650	Murine gammaherpesvirus-68 (MHV-68)	M112
S00067	Murine leukemia virus (MLV)	655-bp of 5' region of the viral genome
S00066	Murine leukemia virus (MLV)	622-bp of 5' region of the viral genome
S00065	Murine leukemia virus (MLV)	582-bp of 5' region of the viral genome
S00064	Murine leukemia virus (MLV)	380-bp of 5' region of the viral genome
S00019	New castle disease virus (NDV)	F0 fusion protein gene
S00209	Nodavirus	coat protein (CP)
S00242	Norwalk like virus (NLV)	
S00195	Ophidian pramyxoviruses (OPMV)	L-gene
S00194	Ophidian pramyxoviruses (OPMV)	L-gene
S00114	Orf virus	viral RNA polymerase
S00192	Oyster herpesvirus 1 (OsHV-1)	region C
S00191	Oyster herpesvirus 1 (OsHV-1)	region B
S00388	Parainfluenza 3 Virus Variant	PIV3 HN gene
S00504	Parainfluenza virus (PIV)	5' NCR of F gene
S00447	Parvovirus B19	VP1/VP2
S00446	Parvovirus B19	VP1/VP2
S00445	Parvovirus B19	VP1
S00444	Parvovirus B19	NS
S00267	Parvovirus B19	VP1/VP2 coding region
S00266	Parvovirus B19	VP1/VP2 coding region
S00172	Parvovirus B19	NS1 coding sequence
S00171	Parvovirus B19	VP1 coding sequence
S00224	Parvovirus B19 (B19V)	5' and 3' ends of the entire 2 kb NS1 ORF
S00407	PcLV	
S00406	PcLV	
S00514	Picornaviruses	NS1codingregion
S00505	Picornaviruses	5' NCR
S00020	Polio virus	the conserved 5' NT region of the enterovirus genome
S00412	Polioviruses	VP1, 2A
S00411	Polioviruses	5' NCR
S00376	Polioviruses	P2-P3 region
S00375	Polioviruses	P2 region
S00340	Polioviruses	the amino-terminal codons of VP1
S00339	Polioviruses	the amino-terminal codons of VP1
S00338	Polioviruses	5' UTR/the amino-terminal codons of VP1
S00337	Polioviruses	5' UTR

S00336	Polioviruses	5' UTR
S00335	Polioviruses	5' UTR
S00507	Polyomavirus JC (JCV)	regulatory region
S00506	Polyomavirus JC (JCV)	VP1coding region
S00204	Porcine circovirus 1 (PCV-1)	
S00205	Porcine circovirus 2 (PCV-2)	
S00557	Porcine lymphotropic herpesvirus 1 (PLHV-1)	DNA polymerase (DPOL) gene
S00298	Porcine lymphotropic herpesvirus 1 (PLHV-1)	DNA polymerase (DPOL) gene
S00297	Porcine lymphotropic herpesvirus 1 (PLHV-1)	DNA polymerase (DPOL) gene
S00657	Porcine lymphotropic herpesvirus 1 and 2 (PLHV-1 and 2)	DNA polymerase (DPOL) gene and ORF A5
S00558	Porcine lymphotropic herpesvirus 2 (PLHV-2)	DNA polymerase (DPOL) gene
S00686	Porcine reproductive and respiratory syndrome virus (PRRSV)	ORF5
S00636	Porcine reproductive and respiratory syndrome virus (PRRSV)	PRRSV ORF7
S00383	Porcine reproductive and respiratory syndrome virus (PRRSV)	ORF 1b of the LV sequence
S00382	Porcine reproductive and respiratory syndrome virus (PRRSV)	ORF 1b of the LV sequence
S00381	Porcine reproductive and respiratory syndrome virus (PRRSV)	ORF7
S00380	Porcine reproductive and respiratory syndrome virus (PRRSV)	ORF7
S00206	Porcine reproductive and respiratory syndrome virus (PRRSV)	ORF7 encodes nucleocapsid (N)
S00279	porcine reproductive and respiratory syndrome virus (PRRSV)-American	3' end of ORF3-5
S00277	porcine reproductive and respiratory syndrome virus (PRRSV)-Danish	3' end of ORF3-5
S00278	porcine reproductive and respiratory syndrome virus (PRRSV)-Lelystad	3' end of ORF3-5
S00698	Potato leafroll virus (PLRV)	ORF5
S00439	Potato virus Y (PVY)	
S00417	Potato spindle tuber viroid (PSTVd)	ribozymes flanking
S00516	Prunus necrotic ringspot virus (PNRSV)	RNA 3
S00687	Pseudorabies virus (PrV)	gC gene
S00249	Puumala virus (PUU)	the Ssegment of the PUU Sotkamo sequence
S00248	Puumala virus (PUU)	the Ssegment of the PUU Sotkamo sequence
S00443	Rabbit haemorrhagic disease virus (RHDV)	non-structural protein
S00442	Rabbit haemorrhagic disease virus (RHDV)	capsid protein
S00441	Rabbit haemorrhagic disease virus (RHDV)	capsid protein
S00260	Rabbit haemorrhagic disease virus (RHDV)	capsid protein
S00651	Rabies virus (PV)	N gene
S00503	Respiratory syncytial virus (RSV)	viral nucleocapsid gene
S00501	Respiratory syncytial virus (RSV)	G gene
S00500	Respiratory syncytial virus (RSV)	G gene
S00499	Respiratory syncytial virus (RSV)	human RSV N gene and 1B gene
S00498	Respiratory syncytial virus (RSV)	human RSV N gene
S00349	Rhinovirus	5' NCR

S00699	Rinderpest virus (RPV)	P/M gene
S00488	Rodent parvoviruses	MOPV1genomic sequence position
S00642	Rotavirus	VP 7 gene
S00188	Rotavirus	VP7 gene region F
S00187	Rotavirus	VP7 gene region E
S00186	Rotavirus	VP7 gene region D
S00185	Rotavirus	VP7 gene region C
S00184	Rotavirus	VP7 gene region B
S00183	Rotavirus	VP7 gene region A
S00182	Rotavirus	VP7 gene
S00169	Rotaviruses	gene 4 sequence
S00168	Rotaviruses	gene 4 sequence
S00490	Rubella virus (RV)	E1open reading frame
S00489	Rubella virus (RV)	E1open reading frame
S00367	Rubella virus (RV)	rubella specific RNA
S00366	Rubella virus (RV)	rubella specific RNA
S00479	Sendai virus	NP gene
S00481	Sheep-Associated Malignant Catarrhal Fever Virus (SA-MCFV)	SA-MCFV DNA
S00480	Sheep-Associated Malignant Catarrhal Fever Virus (SA-MCFV)	SA-MCFV DNA
S00432	Simian immunodeficiency virus (SIV)	gag gene
S00431	Simian immunodeficiency virus (SIV)	nef gene
S00430	Simian immunodeficiency virus (SIV)	nef gene
S00059	Simian immunodeficiency virus (SIVagm)	gag gene o fSIVagm.sab
S00058	Simian immunodeficiency virus (SIVagm)	gag gene o fSIVagm.sab
S00057	Simian immunodeficiency virus (SIVagm)	SIVagm.sab (env fragment)
S00056	Simian immunodeficiency virus (SIVagm)	SIVagm.sab (env fragment)
S00060	Simian immunodeficiency virus (SIVmac251)	gag gene
S00416	Simian immunodeficiency virus strain mac (SIVmac)/human immunodeficiency virus 1 (HIV-1) chimeric viruses (SHIVs)	
S00415	Simian immunodeficiency virus strain mac (SIVmac)/human immunodeficiency virus 1 (HIV-1) chimeric viruses (SHIVs) NM-3rN	
S00414	Simian immunodeficiency virus strain mac (SIVmac)/human immunodeficiency virus 1 (HIV-1) chimeric viruses (SHIVs) NM-3n	
S00413	Simian immunodeficiency virus strain mac (SIVmac)/human immunodeficiency virus 1 (HIV-1) chimeric viruses (SHIVs) NM-3	
S00023	Simian virus 40 (SV40)	Rb-pocket binding domain
S00094	Sindbis virus	Sindbis virus E2 glycoprotein gene
S00663	Snowshoe hare (SSH) virus	L segment
S00662	Snowshoe hare (SSH) virus	M segment
S00661	Snowshoe hare (SSH) virus	S segment
S00208	Spring viremia of carp virus (SVCV)	glycoprotein (G)
S00207	Spring viremia of carp virus (SVCV)	membrane protein (M)

S00517	temperature-sensitive (ts) mutants of Bombyx mori nucleopolyhedrovirus (BmNPV)	late expression factor-8 (lef-8)
S00466	Tobacco vein mottling virus (TVMV)	P1
S00465	Tobacco vein mottling virus (TVMV)	HC-Pro
S00464	Tobacco vein mottling virus (TVMV)	CI
S00463	Tobacco vein mottling virus (TVMV)	Nib
S00462	Tobacco vein mottling virus (TVMV)	NCR
S00551	TT virus (TTV)	ORF2
S00550	TT virus (TTV)	ORF2
S00549	TT virus (TTV)	ORF1
S00548	TT virus (TTV)	ORF1
S00229	TT virus (TTV)	
S00165	TT virus (TTV)	TTV DNA
S00164	TT virus (TTV)	TTV DNA
S00141	TT virus (TTV)	3' UTR
S00140	TT virus (TTV)	3' UTR
S00139	TT virus (TTV)	5' UTR
S00138	TT virus (TTV)	5' UTR
S00137	TT virus (TTV)	5' UTR/ORF2
S00136	TT virus (TTV)	5' UTR/ORF2
S00135	TT virus (TTV)	5' UTR
S00134	TT virus (TTV)	ORF1
S00133	TT virus (TTV)	ORF1
S00050	TT virus (TTV)	ORF1
S00049	TT virus (TTV)	ORF1
S00529	Tupaia herpesviruse strain 2 (THV-2)	DNA polymerase (DPOL) gene
S00528	Tupaia herpesviruse strain 2 (THV-2)	DNA polymerase (DPOL) gene
S00216	Tupaia herpesviruse strain 2 (THV-2)	major DNA binding protein (DNBI) gene
S00215	Tupaia herpesviruse strain 2 (THV-2)	probable processing and transport protein (PRTP) gene
S00214	Tupaia herpesviruse strain 2 (THV-2)	glycoprotein B (gB) gene
S00024	Vaccinia virus	hemagglutinin gene
S00353	Varicella-Zoster virus (VZV)	PS variable region
S00352	Varicella-Zoster virus (VZV)	R 5variable region
S00351	Varicella-Zoster virus (VZV)	R4 variable region
S00350	Varicella-Zoster virus (VZV)	R2 variable region
S00244	Varicella-Zoster virus (VZV)	Gene29 (majorbindingprotein)
S00129	Varicella-Zoster virus (VZV)	
S00128	Varicella-Zoster virus (VZV)	
S00109	Varicella-Zoster virus (VZV)	DNA polymerase (DPOL) gene
S00025	Vesicular stomatitis virus (VSV)	Phosphoprotein gene of New Jersey serotype
S00527	Vesicular stomatitis virus (VSV)	P region
S00526	Vesicular stomatitis virus (VSV)	G region

S00667	Walleye dermal sarcoma virus (WDSV)	long terminal repeat (LTR)
S00674	Western equine encephalitis virus (WEE)	26S region
S00154	Woodchuck hepatitis virus (WHV)	X protin
S00147	Woodchuck hepatitis virus (WHV)	X protin
S00146	Woodchuck hepatitis virus (WHV)	DNA core (C)