

List Updated: April 2013

Pathogen	Catalogue	Genome
Actinobacillus pleuropneumoniae	APP	DNA
Aegyptianella pullorum (babesia pullorum)	A.pullorum	DNA
Aeromona hydrophila	A. hydrophila	DNA
Africa horse sickness virus	AHSV	RNA
African swine fever virus	ASFV	DNA
Akabane virus	AKABANE	RNA
Anaplasma centrale	A.centrale	DNA
Anaplasma marginale	A.marginale	DNA
Anaplasma ovis	A.ovis	DNA
Anaplasma phagocytophilum	A. phagocytophilum	DNA
Anaplasma platys (f. Ehrlichia platys)	A.platys	DNA
Anaplasma sp.	Anaplasma sp.	DNA
Aspergillus fumigatus	A.fumigatus	DNA
Aujeszky's disease virus (suid herpesvirus)	AUJESZKY	DNA
Avian metapneumovirus	aMPV	RNA
Avian polyomavirus	APV	DNA
Avian poxvirus	Avian pox	DNA
Avian infectious bronchitis virus	IBV	RNA
Avian influenza virus, serotype H5N1	H5N1	RNA
Avian influenza virus, serotype H7	H7N1	RNA
Avian influenza virus, serotype H9	H9N2	RNA
Avian leukosis virus/Rous sarcoma virus	ALV/RSV	RNA
Avian orthoreovirus	A. orthoreovirus	RNA
Avian paramyxovirus	ApMV	RNA
Babesia bigemina	B.bigemina	DNA
Babesia bovis	B.bovis	DNA
Babesia caballi	B.caballi	DNA
Babesia canis	B.canis	DNA
Babesia gibsoni	B.gibsoni	DNA
Babesia equi	B.equi	DNA
Babesia ovis	B.ovis	DNA
Babesia sp.	Babesia sp.	DNA

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Bartonella henselae	B. henselae	DNA
Bartonella spp.	Bartonella spp.	DNA
Besnoitia spp.	Besnoitia spp.	DNA
Bovine herpesvirus 1 (IBR)	BHV-1	DNA
Bovine herpesvirus 5	BHV-5	DNA
Bovine coronavirus	BCV	RNA
Bovine leukemia virus	BLV	RNA
Bovine parainfluenzavirus 3	BPI3	RNA
Bovine respiratory syncytial virus	BRSV	RNA
Bovine rotavirus A	BoRVA	RNA
Bovine viral diarrhea virus	BVD	RNA
Bluetongue disease	BTV	RNA
Bluetongue virus 1	BTV1	RNA
Bluetongue virus 2	BTV2	RNA
Bluetongue virus 8	BTV8	RNA
Brachyspira hyodysenteriae	B. hyodysenteriae	DNA
Brachyspira pilosicoli	B. pilosicoli	DNA
Brucella abortus	B. abortus	DNA
C. fetus subsp. fetus/venerealis	C.fetus	DNA
Campylobacter Coli	C.coli	DNA
Campylobacter jejuni	C.jejuni	DNA
Canine adenovirus type 1	CAV-1	DNA
Canine adenovirus type 2	CAV-2	DNA
Canine herpes virus	CHV	DNA
Canine parainfluenza virus	CPIV	RNA
Canine parvovirus type 1 (CPV-1)	CPV-1	DNA
Canine parvovirus type 2 (CPV-2)	CPV-2	DNA
Canine coronavirus	CaCoV	RNA
Chicken anemia virus	CAV	DNA
Chlamydophila spp.	Chlamydia sp.	DNA
Chlamydophila psittaci/abortus	C. psittaci/C. abortus	DNA
Chlamydophila felis	C. felis	DNA
Classical swine fever virus	CSFV	RNA
Clostridium difficile	C. difficile	DNA

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Clostridium perfringens	C. perfringens	DNA
Contigious agalactia-Mycoplasma agalactiae	M.agalactiae	DNA
Coxiella burnetti	C. burnetti	DNA
Crimean-Congo hemorrhagic fever virus	CCHF	RNA
Dirofilaria immitis	D. immitis	DNA
Distemper virus	CDV	RNA
Eastern equine encephalitis	EEEV	RNA
Ehrlichia spp.	EHRlichIA	DNA
Ehrlichia canis	E. canis	DNA
Epizootic haematopoietic necrosis virus	EHNv	DNA
Epizootic hemorrhagic disease virus	EHDV	RNA
Equine herpesvirus 1	EHV-1	DNA
Equine herpesvirus 2	EHV-2	DNA
Equine herpesvirus 3	EHV-3	DNA
Equine herpesvirus 4	EHV-4	DNA
Equine herpesvirus 5	EHV-5	DNA
Equine infectious anemia virus	EIAV	RNA
Equine influenza virus H3N8	EIV H3N8	RNA
Equine influenza virus H7N7	EIV H7N7	RNA
Equine viral arteritis	EAV	RNA
Equine rotavirus strain H-1	EQUINE RVA	RNA
Falcon adenovirus	FAdV	DNA
Feline Calicivirus	FCV	RNA
Feline coronavirus (Feline infectious peritonitis)	FCoV	RNA
Feline immunodeficiency virus	FIV	RNA
Feline leukemia virus	FeLV	RNA
Feline Panleukopenia Virus	FPV	DNA
Feline viral rhinotracheitis	FVR	DNA
Foot and mouth disease virus (fiebre aftosa)	FMDV	RNA
Flavobacterium columnare	F. columnare	DNA
Fusarium sp.	FUSARIUM	DNA
Giardia intestinalis (syn. lamblia, duodenalis)	G. intestinalis	DNA
Gallid herpesvirus 1 (Infectious Laryngotracheitis virus)	ILTV	DNA
Gallid herpesvirus 2 (Marek`s disease virus)	MDV	DNA

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Haemophilus parasuis	H. parasuis	DNA
Histomonas meleagridis	H. meleagridis	DNA
Histophilus somni	H.somni	DNA
Infectious bursal disease virus	IBDV	RNA
Infectious hypodermal and hematopoietic necrosis virus	IHHNV	DNA
Infectious pancreatic necrosis virus	IPNV	RNA
Infectious salmon anemia virus	ISAV	RNA
Influenza A virus	INFLUENZA A	RNA
Japanese encephalitisvirus	JEV	RNA
Kemerovo virus	KEMEROVO	RNA
Kudoa sp.	KUDOVA	DNA
Lawsonia intracellularis	LAW.INT	DNA
Leishmania spp.	LEISHMANIA	DNA
Leptospira interrogans	L. interrogans	DNA
Leptospira spp.	LEPTOSPIRA	DNA
Listeria monocytogenes	L. monocytogenes	DNA
Lipovnik virus	LIPV	RNA
Monodon baculovirus	MBV	DNA
Mourilyan virus	MoV	RNA
Mycobacterium avium subsp. paratuberculosis	M. avium	DNA
Mycobacterium bovis	M. bovis	DNA
Mycoplasma gallisepticum	M. gallisepticum	DNA
Mycoplasma haemocanis (f. Haemobartonella canis)	M. haemocanis	DNA
Mycoplasma haemofelis (or Haemobartonella felis)	M. haemofelis	DNA
Mycoplasma hyopneumoniae	M. hyo	DNA
Mycoplasma spp.	MYCOPLASMA	DNA
Mycoplasma suis (Eperythrozoon suis)	M. suis	DNA
Necrotizing hepatopancreatitis bacteria	NHPB	DNA
Neospora caninum	N. caninum	DNA
Nervous necrosis virus	NNV	RNA
Newcastle disease virus	NDV	RNA
Norwalk virus (Norovirus)	NOROVIRUS	RNA
Nucleospora salmonis	N.SALMONIS	DNA
Ornithobacterium rhinotracheale	ORT	DNA

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Ovine herpes virus type 2	OvHV- 2	DNA
Pasteurella mannheimia haemolytica	P. haemolytica	DNA
Pasteurella multocida	P. multocida	DNA
Penaeid shrimp infectious myonecrosis virus	IMNV	RNA
Penaeus monodon hepatopancreatic parvovirus	HPV	DNA
Penaeus vannamei nodavirus	PvNV	RNA
Peste des petits ruminants virus	PPRV	RNA
Pigeon circovirus	PiCV	DNA
Piscirickettsia salmonis	P.salmonis	DNA
Porcine circovirus type-2	PCV2	DNA
Porcine epidemic diarrhea virus	PEDV	RNA
Porcine parvovirus	PPV	DNA
Porcine reproductive and respiratory syndrome virus	PRRS	RNA
Porcine rubulavirus	PoRV	RNA
Psittacine beak and feather disease virus	PBFDV	DNA
Psittacid herpesvirus 1 (Pacheco's Disease virus)	PsHV-1	DNA
Plasmodium sp.	PLASMIDIUM	DNA
Rabies virus	RABV	RNA
Renibacterium salmoninarum	R. salmoninarum	DNA
Rickettsia prowazekii	R.prowazekii	DNA
Rickettsia rickettsii	R.Rickettsii	DNA
Rickettsia spp.	RICKETTSIA	DNA
Rhodococcus equi	R.equi	DNA
Salmon pancreas disease virus	SPDV	RNA
Salmonella Enteritidis	S. Enteritidis	DNA
Salmonella spp.	SALMONELLA	DNA
Sarcocystis neurona (Equine Protozoal Myeloencephalitis)	S.neurona	DNA
Spring viraemia of carp virus	SVCV	RNA
Streptococcus equi	S.equi	DNA
Staphylococcus aureus	S.aureus	DNA
Streptococcus phocae	S.phocae	DNA
Streptococcus iniae	S.iniae	DNA
Swine influenza virus	SIV H1N1	RNA
Swine vesicular disease virus	SVDV	RNA

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Taura syndrome virus	TSV	RNA
Theileria annulata	T.annulata	DNA
Theileria lestoquardi	T.lestoquardi	DNA
Theileria ovis	T.ovis	DNA
Theileria parva	T.parva	DNA
Theileria sp.	Theileria sp.	DNA
Trypanosoma congolense	T.congolense	DNA
Trypanosoma evansi	T.evansi	DNA
Trichomonas gallinae	T.gallinae	DNA
Trypanosoma vivax	T.vivax	DNA
Toxoplasma gondii	TOXO	DNA
Uukuniemi virus	UUKV	RNA
Venezuelan equine encephalitis	VEEV	RNA
Vibrio sp.	VIBRIO	DNA
Viral hemorrhagic septicemia virus	VHSV	RNA
West Nile virus	WNV	RNA
Western equine encephalitis	WEEV	RNA
White spot syndrome virus	WSSV	DNA
Yersinia ruckeri	Y.ruckeri	DNA
Yellow head virus	YHV	RNA



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