

Supplemental Table 2. Reference genomes and identity scores of the pairwise comparison analysis for family *Gemoviridae*.

Genus	Species	Virus	Abbreviation in Fig. 2	Accession	Pairwise identity scores to BuGyKV
<i>Gemycircularvirus</i>	<i>Blackbird associated gemycircularvirus 1</i>	Faecal-associated gemycircularvirus 1c, complete genome	GCiV Bb-1	KF371641	58.401
<i>Gemycircularvirus</i>	<i>Bovine associated gemycircularvirus 1</i>	Faeces associated gemycircularvirus 22 isolate 52_Fec78023_cow, complete sequence	GCiV Bo-1	KT862253	56.601
<i>Gemycircularvirus</i>	<i>Bromus associated gemycircularvirus 1</i>	Bromus-associated circular DNA virus 3 isolate BasCV-3_NZ-NZG01_Sef-2012, complete genome	GCiV Br-1	KM510192	57.701
<i>Gemycircularvirus</i>	<i>Cassava associated gemycircularvirus 1</i>	Cassava associated gemycircularvirus 1 isolate G14, complete genome	GCiV Cs-1	JQ412056	57.301
<i>Gemycircularvirus</i>	<i>Chickadee associated gemycircularvirus 1</i>	Poecile atricapillus GI tract-associated gemycircularvirus isolate 254065908, complete genome	GCiV Ce-1	KT309029	56.401
<i>Gemycircularvirus</i>	<i>Chicken associated gemycircularvirus 1</i>	Faeces associated gemycircularvirus 20 isolate 27_Fec79971_chicken, complete sequence	GCiV Ch-1	KT862243	58.601
<i>Gemycircularvirus</i>	<i>Chicken associated gemycircularvirus 2</i>	Faeces associated gemycircularvirus 17 isolate 27_Fec16497_chicken, complete sequence	GCiV Ch-2	KT862242	58.501
<i>Gemycircularvirus</i>	<i>Dragonfly associated gemycircularvirus 1</i>	Dragonfly-associated circular virus 2 isolate FL2-5X-2010, complete genome	GCiV Df-1	JX185429	58.701
<i>Gemycircularvirus</i>	<i>Equine associated gemycircularvirus 1</i>	Faeces associated gemycircularvirus 18 isolate 30_Fec80061_horse, complete sequence	GCiV Eq-1	KT862248	57.001
<i>Gemycircularvirus</i>	<i>Fur seal associated gemycircularvirus 1</i>	Faecal-associated gemycircularvirus 4, complete genome	GCiV Pho-1	KF371638	59.501
<i>Gemycircularvirus</i>	<i>Gerygone associated gemycircularvirus 1</i>	Faecal-associated gemycircularvirus 6, complete genome	GCiV Gy-1	KF371636	55.701
<i>Gemycircularvirus</i>	<i>Gerygone associated gemycircularvirus 2</i>	Faecal-associated gemycircularvirus 5, complete genome	GCiV Gy-2	KF371637	56.801

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<i>Gemycircularvirus</i>	<i>Gerygone associated gemycircularvirus 3</i>	Faecal-associated gemycircularvirus 3, complete genome	GCiV Gy-3	KF371639	59.201
<i>Gemycircularvirus</i>	<i>Hypericum associated gemycircularvirus 1</i>	Hypericum japonicum associated circular DNA virus isolate VNHJ1W, complete genome	GCiV Hy-1	KF413620	58.101
<i>Gemycircularvirus</i>	<i>Lama associated gemycircularvirus 1</i>	Faeces associated gemycircularvirus 21 isolate 29_Fec80018_llama, complete sequence	GCiV LI-1	KT862245	58.201
<i>Gemycircularvirus</i>	<i>Mallard associated gemycircularvirus 1</i>	Faecal-associated gemycircularvirus 7, complete genome	GCiV Du-1	KF371635	58.501
<i>Gemycircularvirus</i>	<i>Miniopterus associated gemycircularvirus 1</i>	Miniopterus associated gemycircularvirus 1 isolate BtMf-CV-23/GD2012, complete genome	GCiV Mi-1	KJ641719	60.901
<i>Gemycircularvirus</i>	<i>Mongoose associated gemycircularvirus 1</i>	Mongoose feces-associated gemycircularvirus d strain 478d, complete genome	GCiV Mg-1	KP263547	58.701
<i>Gemycircularvirus</i>	<i>Mosquito associated gemycircularvirus 1</i>	Mosquito VEM virus SDBVL G, complete genome	GCiV Mo-1	HQ335086	58.701
<i>Gemycircularvirus</i>	<i>Odonata associated gemycircularvirus 1</i>	Odonata associated gemycircularvirus-1 isolate OdaGmV-1-US-260BC-12, complete genome	GCiV Od-1	KM598385	57.601
<i>Gemycircularvirus</i>	<i>Odonata associated gemycircularvirus 2</i>	Odonata associated gemycircularvirus-2 isolate OdaGmV-2-US-1634LM2-12, complete genome	GCiV Od-2	KM598388	56.801
<i>Gemycircularvirus</i>	<i>Poaceae associated gemycircularvirus 1</i>	Poaceae-associated gemycircularvirus 1 isolate PaGmV-1_TO_STO14-29204_2014, complete genome	GCiV Pc-1	KT253577	59.501
<i>Gemycircularvirus</i>	<i>Porcine associated gemycircularvirus 1</i>	Faeces associated gemycircularvirus 19 isolate 49_Fec80061_pig, complete sequence	GCiV Po-1	KT862250	57.901
<i>Gemycircularvirus</i>	<i>Porcine associated gemycircularvirus 2</i>	Faecal-associated gemycircularvirus 2, complete genome	GCiV Po-2	KF371640	58.801
<i>Gemycircularvirus</i>	<i>Pteropus associated gemycircularvirus 1</i>	Pacific flying fox faeces associated gemycircularvirus-10 isolate Tbat_45285, complete genome	GCiV Pt-1	KT732804	57.301
<i>Gemycircularvirus</i>	<i>Pteropus associated gemycircularvirus 2</i>	Pacific flying fox faeces associated gemycircularvirus-2 isolate Tbat_A_103791, complete genome	GCiV Pt-2	KT732793	57.401
<i>Gemycircularvirus</i>	<i>Pteropus associated gemycircularvirus 3</i>	Pteropus associated gemycircularvirus 3 isolate Tbat_A_103852, complete genome	GCiV Pt-3	KT732797	57.201
<i>Gemycircularvirus</i>	<i>Pteropus associated gemycircularvirus 4</i>	Pteropus associated gemycircularvirus 4 isolate Tbat_H_103806, complete genome	GCiV Pt-4	KT732814	58.501
<i>Gemycircularvirus</i>	<i>Pteropus associated gemycircularvirus 5</i>	Pacific flying fox faeces associated gemycircularvirus-8 isolate Tbat_H_12377, complete genome	GCiV Pt-5	KT732802	58.701

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<i>Gemycircularvirus</i>	<i>Pteropus associated gemycircularvirus 6</i>	Pacific flying fox faeces associated gemycircularvirus-4 isolate Tbat_H_103639, complete genome	GCiV Pt-6	KT732796	58.201
<i>Gemycircularvirus</i>	<i>Pteropus associated gemycircularvirus 7</i>	Pacific flying fox faeces associated gemycircularvirus-11 isolate Tbat_L_103909, complete genome	GCiV Pt-7	KT732812	58.601
<i>Gemycircularvirus</i>	<i>Pteropus associated gemycircularvirus 8</i>	Pteropus associated gemycircularvirus 8 isolate Tbat_31579, complete genome	GCiV Pt-8	KT732806	59.501
<i>Gemycircularvirus</i>	<i>Pteropus associated gemycircularvirus 9</i>	Pteropus associated gemycircularvirus 9 isolate Tbat_21383, complete genome	GCiV Pt-9	KT732795	59.801
<i>Gemycircularvirus</i>	<i>Pteropus associated gemycircularvirus 10</i>	Pteropus associated gemycircularvirus 10 isolate Tbat_H_103958, complete genome	GCiV Pt-10	KT732794	56.401
<i>Gemycircularvirus</i>	<i>Rat associated gemycircularvirus 1</i>	Gemycircularvirus gemy-ch-rat1, complete genome	GCiV Ra-1	KR912221	58.701
<i>Gemycircularvirus</i>	<i>Sclerotinia gemycircularvirus 1</i>	Sclerotinia sclerotiorum hypovirulence associated DNA virus 1, complete genome	GCiV Sc-1	GQ365709	58.401
<i>Gemycircularvirus</i>	<i>Sewage derived gemycircularvirus 1</i>	Sewage-associated gemycircularvirus-1 isolate SaGmV-1_NZ-BS3970-2012, complete genome	GCiV Se-1	KM821747	57.501
<i>Gemycircularvirus</i>	<i>Sewage derived gemycircularvirus 2</i>	Sewage derived gemycircularvirus 2 isolate BS4117, complete sequence	GCiV Se-2	KJ547641	56.601
<i>Gemycircularvirus</i>	<i>Sewage derived gemycircularvirus 3</i>	Sewage-associated gemycircularvirus-6 isolate BS4014, complete sequence	GCiV Se-3	KJ547636	58.501
<i>Gemycircularvirus</i>	<i>Sewage derived gemycircularvirus 4</i>	Sewage-associated gemycircularvirus-7a isolate BS3939, complete sequence	GCiV Se-4	KJ547637	57.801
<i>Gemycircularvirus</i>	<i>Sewage derived gemycircularvirus 5</i>	Sewage-associated gemycircularvirus-9 isolate BS3970, complete sequence	GCiV Se-5	KJ547639	58.701
<i>Gemycircularvirus</i>	<i>Sheep associated gemycircularvirus 1</i>	Faeces associated gemycircularvirus 16 isolate 47_Fec80064_sheep, complete sequence	GCiV Ov-1	KT862249	59.901
<i>Gemycircularvirus</i>	<i>Soybean associated gemycircularvirus 1</i>	Soybean leaf-associated gemycircularvirus 1 strain SlaGemV1-1, complete genome	GCiV So-1	KT598248	57.401
<i>Gemyduguivirus</i>	<i>Dragonfly associated gemyduguivirus 1</i>	Dragonfly-associated circular virus 3 isolate TO-DFS3B2-2010, complete genome	GDV Df-1	JX185428	59.501
<i>Gemygorvirus</i>	<i>Mallard associated gemygorvirus 1</i>	Meles meles fecal virus isolate VS4700006, complete genome	GGoV Du-1	JN704610	59.301
<i>Gemygorvirus</i>	<i>Starling associated gemygorvirus 1</i>	Faecal-associated gemycircularvirus 10, complete genome	GGoV St-1	KF371632	61.401

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<i>Gemygorvirus</i>	<i>Sewage derived gemygorvirus 1</i>	Human genital-associated circular DNA virus-1 isolate 349, complete genome	GGoV Se-1	KJ413144	59.101
<i>Gemygorvirus</i>	<i>Pteropus associated gemygorvirus 1</i>	Pacific flying fox faeces associated gemycircularvirus-1 isolate Tbat_A_103952, complete genome	GGoV Pt-1	KT732790	59.701
<i>Gemygorvirus</i>	<i>Canine associated gemygorvirus 1</i>	Faeces associated gemycircularvirus 15 isolate 53_Fec7_dog, complete sequence	GGoV Ca-1	KT862254	58.301
<i>Gemykibivirus</i>	<i>Badger associated gemykibivirus 1</i>	Badger feces-associated gemycircularvirus strain 588t, complete genome	GKiV Ba-1	KP263543	58.301
<i>Gemykibivirus</i>	<i>Black robin associated gemykibivirus 1</i>	Faecal-associated gemycircularvirus 8, complete genome	GKiV BI-1	KF371634	58.501
<i>Gemykibivirus</i>	<i>Blackbird associated gemykibivirus 1</i>	Faecal-associated gemycircularvirus 9, complete genome	GKiV Bb-1	KF371633	58.601
<i>Gemykibivirus</i>	<i>Bovine associated gemykibivirus 1</i>	215 virus complete sequence	GKiV Bo-1	LK931483	59.901
<i>Gemykibivirus</i>	<i>Dragonfly associated gemykibivirus 1</i>	Dragonfly-associated circular virus 1 isolate FL1-2X-2010, complete genome	GKiV Df-1	JX185430	59.501
<i>Gemykibivirus</i>	<i>Human associated gemykibivirus 1</i>	Sewage-associated gemycircularvirus-10a isolate BS3980, complete sequence	GKiV Hu-1	KJ547644	58.601
<i>Gemykibivirus</i>	<i>Human associated gemykibivirus 2</i>	Gemycircularvirus SL1, complete genome	GKiV Hu-2	KP133075	58.801
<i>Gemykibivirus</i>	<i>Human associated gemykibivirus 3</i>	Mongoose feces-associated gemycircularvirus c strain 541c, complete genome	GKiV Hu-3	KP263546	57.801
<i>Gemykibivirus</i>	<i>Human associated gemykibivirus 4</i>	Human gemycircularvirus GeTz1, complete genome	GKiV Hu-4	KT363839	57.001
<i>Gemykibivirus</i>	<i>Human associated gemykibivirus 5</i>	Gemycircularvirus HV-GeV2, complete genome	GKiV Hu-5	KU343137	58.701
<i>Gemykibivirus</i>	<i>Mongoose associated gemykibivirus 1</i>	Mongoose feces-associated gemycircularvirus b strain 160b, complete genome	GKiV Mg-1	KP263545	57.501
<i>Gemykibivirus</i>	<i>Pteropus associated gemykibivirus 1</i>	Pacific flying fox faeces associated gemycircularvirus-12 isolate Tbat_A_64418, complete genome	GKiV Pt-1	KT732813	58.501
<i>Gemykibivirus</i>	<i>Rhinolophus associated gemykibivirus 1</i>	Rhinolophus associated gemykibivirus 1 isolate BtRh-CV-6/Tibet2013, complete genome	GKiV Rh-1	KJ641737	58.701
<i>Gemykibivirus</i>	<i>Rhinolophus associated gemykibivirus 2</i>	Rhinolophus associated gemykibivirus 2 isolate BtRf-CV-8/NM2013, complete genome	GKiV Rh-2	KJ641726	59.701

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<i>Gemykibivirus</i>	<i>Sewage derived gemykibivirus 1</i>	Sewage-associated gemycircularvirus-3 isolate BS4149, complete sequence	GKiV Se-1	KJ547643	58.901
<i>Gemykibivirus</i>	<i>Sewage derived gemykibivirus 2</i>	Sewage-associated gemycircularvirus-2 isolate BS3911, complete sequence	GKiV Se-2	KJ547642	58.601
<i>Gemykolovirus</i>	<i>Pteropus associated gemykolovirus 1</i>	Pacific flying fox faeces associated gemycircularvirus-6 isolate Tbat_A_103779, complete genome	GKoV Pt-1	KT732798	56.801
<i>Gemykolovirus</i>	<i>Pteropus associated gemykolovirus 2</i>	Pacific flying fox faeces associated gemycircularvirus-7 isolate Tbat_H_103921, complete genome	GKoV Pt-2	KT732800	59.201
<i>Gemykrogvirus</i>	<i>Sewage derived gemykrogvirus 1</i>	Sewage-associated gemycircularvirus-4 isolate BS3913, complete sequence	GKgV Se-1	KJ547634	66.901
<i>Gemykrogvirus</i>	<i>Caribou associated gemykrogvirus 1</i>	Caribou feces-associated gemycircularvirus, complete genome	GKgV Cb-1	KJ938717	84.301
<i>Gemykrogvirus</i>	<i>Bovine associated gemykrogvirus 1</i>	HCBI9.212 virus complete sequence	GKgV Bo-1	LK931484	76.701
<i>Gemykroznavirus</i>	<i>Rabbit associated gemykroznavirus 1</i>	Faecal-associated gemycircularvirus 11, complete genome	GKaV Rb-1	KF371631	57.201
<i>Gemytondovirus</i>	<i>Ostrich associated gemytondovirus 1</i>	Faecal-associated gemycircularvirus 12, complete genome	GToV Os-1	KF371630	58.401
<i>Gemyvongvirus</i>	<i>Human associated gemyvongvirus 1</i>	Human associated gemyvongvirus 1 isolate DB1, complete genome	GVoV Hu-1	KP974693	58.001

Supplemental Table 3. Reference genomes and identity scores of the pairwise comparison analysis for subfamily*Gammaherpesvirinae.*

Genus	Species	Virus	Abbreviation in Fig. 3	Accession	Pairwise identity scores to:			
					Buffalo F18	Goat S8	Sheep S4	Sheep S9
<i>Lymphocryptovirus</i>	<i>Callitrichine gammaherpesvirus 3</i>	Callitrichine herpesvirus 3 strain CJ0149, complete genome	LcV CalGHV-3	NC_004367.1	61.701	58.801	55.701	62.901
<i>Lymphocryptovirus</i>	<i>Human gammaherpesvirus 4</i>	Human gammaherpesvirus 4, complete genome	LcV HGHV-4	NC_007605.1	60.701	58.901	57.701	63.901
<i>Lymphocryptovirus</i>	<i>Macacine gammaherpesvirus 4</i>	Macacine herpesvirus 4, complete genome	LcV McGHV-4	NC_006146.1	59.801	59.801	53.401	65.901
<i>Lymphocryptovirus</i>	<i>Macacine gammaherpesvirus 10</i>	Lymphocryptovirus Macaca/pfe-lcl-E3, complete genome	LcV McGHV10	KP676001.1	59.801	58.001	57.901	65.901
<i>Lymphocryptovirus</i>	<i>Papiine gammaherpesvirus 1</i>	Cercopithecine herpesvirus 12 DNA polymerase gene, partial cds	LcV PaGHV-1	AF091051.1	60.101	61.701	60.101	61.501
<i>Lymphocryptovirus</i>	<i>Pongine gammaherpesvirus 2</i>	Pongine herpesvirus 2 DNA polymerase-like gene, partial sequence	LcV PoGHV-2	AY191465.1	62.501	55.901	57.401	59.301
<i>Macavirus</i>	<i>Alcelaphine gammaherpesvirus 1</i>	Alcelaphine herpesvirus 1, complete genome	MV AlGHV-1	NC_002531.1	63.101	62.001	65.401	72.001
<i>Macavirus</i>	<i>Alcelaphine gammaherpesvirus 2</i>	Alcelaphine herpesvirus 2 isolate topi-AIHV-2, complete genome	MV AlGHV-2	NC_024382.1	63.701	63.201	60.601	77.601
<i>Macavirus</i>	<i>Bovine gammaherpesvirus 6</i>	Bovine herpesvirus 6 isolate Pennsylvania 47, complete genome	MV BoGHV-6	NC_024303.1	99.401	92.001	78.701	58.301
<i>Macavirus</i>	<i>Caprine gammaherpesvirus 2</i>	Caprine herpesvirus 2 glycoprotein B (gB) and DNA polymerase (DPOL) genes, partial cds	MV CpGHV-2	NC_043059.1	70.601	65.901	64.801	71.301
<i>Macavirus</i>	<i>Hippotragine gammaherpesvirus 1</i>	Hippotragine herpesvirus 1 DNA polymerase gene, partial cds	MV HiGHV-1	NC_043060.1	65.901	65.901	64.501	65.901
<i>Macavirus</i>	<i>Ovine gammaherpesvirus 2</i>	Ovine herpesvirus 2 strain BJ1035, complete genome	MV OvGHV-2	NC_007646.1	60.701	59.201	63.101	98.301

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<i>Macavirus</i>	<i>Suid gammaherpesvirus 3</i>	Porcine lymphotropic herpesvirus long unique region, partial sequence	MV SuGHV-3	NC_038264.1	57.201	61.301	61.201	71.601
<i>Macavirus</i>	<i>Suid gammaherpesvirus 4</i>	Porcine lymphotropic herpesvirus 2 isolate 568 long unique region, partial sequence	MV SuGHV-4	NC_038265.1	58.101	60.501	61.901	63.001
<i>Macavirus</i>	<i>Suid gammaherpesvirus 5</i>	Porcine lymphotropic herpesvirus 3 isolate 489 long unique region, partial sequence	MV SuGHV-5	AY170316.1	59.301	58.101	60.501	64.501
<i>Percavirus</i>	<i>Equid gammaherpesvirus 2</i>	Equid herpesvirus 2 strain 86/67, complete genome	PV EGHV-2	NC_001650.2	62.101	56.601	57.201	64.501
<i>Percavirus</i>	<i>Equid gammaherpesvirus 5</i>	Equid herpesvirus 5 strain 2-141/67, complete genome	PV EGHV-5	NC_026421.1	62.701	62.701	59.201	60.401
<i>Percavirus</i>	<i>Felid gammaherpesvirus 1</i>	Felis catus gammaherpesvirus 1 isolate 31286, complete genome	PV FeGHV-1	NC_028099.1	58.901	59.601	61.801	58.501
<i>Percavirus</i>	<i>Mustelid gammaherpesvirus 1</i>	Badger herpesvirus envelope glycoprotein B (gB) and DNA polymerase (pol) genes, complete cds	PV MusGHV-2	NC_038266.1	57.801	56.001	56.601	55.801
<i>Percavirus</i>	<i>Phocid gammaherpesvirus 3</i>	Harp seal herpesvirus isolate FMV04-1493874 DNA polymerase gene, complete cds	PV PhoGHV-3	KF466473.1	58.801	60.001	58.401	61.201
<i>Percavirus</i>	<i>Vespertilionid gammaherpesvirus 1</i>	Eptesicus fuscus gammaherpesvirus, complete genome	PV VesGHV-1	MF385016.1	60.301	57.101	62.801	58.001
<i>Rhadinovirus</i>	<i>Ateline gammaherpesvirus 2</i>	Herpesvirus ateles thymidylate synthase (TS) gene, complete cds	RhV AtGHV-2	NC_038267.1	58.301	63.001	64.601	60.901
<i>Rhadinovirus</i>	<i>Ateline gammaherpesvirus 3</i>	Ateline herpesvirus 3 complete genome	RhV AtGHV-3	NC_001987.1	58.901	64.801	64.601	61.501
<i>Rhadinovirus</i>	<i>Bovine gammaherpesvirus 4</i>	Bovine herpesvirus 4 long unique region, complete sequence	RhV BoGHV-4	NC_002665.1	60.001	59.401	60.201	65.801
<i>Rhadinovirus</i>	<i>Cricetid gammaherpesvirus 2</i>	Rodent herpesvirus Peru, complete genome	RhV CriGHV-2	NC_015049.1	63.901	67.101	58.901	56.901
<i>Rhadinovirus</i>	<i>Human gammaherpesvirus 8</i>	Human herpesvirus 8 strain GK18, complete genome	RhV HGHV-8	NC_009333.1	62.701	61.801	56.601	67.701
<i>Rhadinovirus</i>	<i>Macacine gammaherpesvirus 5</i>	Macacine herpesvirus 5, genome	RhV McGHV-5	NC_003401.1	66.001	65.001	56.801	57.801

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<i>Rhadinovirus</i>	<i>Macacine gammaherpesvirus 8</i>	Retroperitoneal fibromatosis-associated herpesvirus isolate RFHVMnM78114, complete genome	RhV McGHV-8	KF703446.1	63.001	63.601	59.601	70.601
<i>Rhadinovirus</i>	<i>Macacine gammaherpesvirus 11</i>	Macaca fuscata rhadinovirus isolate 12E2, complete genome	RhV McHV-11	JN885137.1	63.501	62.501	57.901	68.501
<i>Rhadinovirus</i>	<i>Macacine gammaherpesvirus 12</i>	Macaca nemestrina rhadinovirus 2 strain J97167, complete genome	RhV McHV-12	KP265674.2	65.001	64.401	55.601	64.501
<i>Rhadinovirus</i>	<i>Murid gammaherpesvirus 4</i>	Murine herpesvirus 68 strain WUMS, complete genome	RhV MuGHV-4	NC_001826.2	61.601	64.601	66.001	71.401
<i>Rhadinovirus</i>	<i>Murid gammaherpesvirus 7</i>	Wood mouse herpesvirus strain WM8, complete genome	RhV MuGHV-7	GQ169129.1	57.701	58.301	61.701	61.301
<i>Rhadinovirus</i>	<i>Saimiriine gammaherpesvirus 2</i>	Saimiriine herpesvirus 2 complete genome	RhV SaGHV-2	NC_001350.1	62.501	63.001	69.001	65.601
				Buffalo F18	100.001	91.401	78.101	62.501
				Goat S8	91.401	100.001	76.301	61.901
				Sheep F4, 15, 18	78.101	76.301	100.001	63.101
				Sheep F9, 11, 14, 16	62.501	61.901	63.101	100.001
Not included members of genus <i>Lymphocryptovirus</i> (no Pol sequence available):								
<i>Lymphocryptovirus</i>	<i>Cercopithecine gammaherpesvirus 14</i>							
<i>Lymphocryptovirus</i>	<i>Gorilline gammaherpesvirus 1</i>							
<i>Lymphocryptovirus</i>	<i>Panine gammaherpesvirus 1</i>							