

Novel Parvovirus Related to Primate Bufaviruses in Dogs

Technical Appendix

Technical Appendix Table. Sequence identity percentages between canine bufaviruses and other parvoviruses in the complete genome and in selected proteins*

Virus†	ITA/2011/297–15					HUN/2012/22					HUN/2012/126							
	Gen		NS1		VP1		Gen		NS1		VP1		Gen		NS1		Capsid	
	nt	aa	nt	aa	nt	aa	nt	aa	nt	aa	nt	aa	nt	aa	nt	aa	nt	aa
Canine bufaviruses																		
Ca/ITA/2011/297–15	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Ca/HUN/2012/22	99.8	99.8	99.6	99.9	99.6	/	/	/	/	/	/	/	/	/	/	/	/	/
Ca/HUN/2012/126	99.8	99.8	99.7	99.9	99.6	99.9	99.9	99.8	99.9	99.8	/	/	/	/	/	/	/	/
Other parvoviruses																		
Hu/BuV 1a/JX027296	61.6	67	47.5	68.2	64.5	61.7	67	47.6	68.1	64.6	61.7	67	47.6	68.1	64.7			
Hu/BuV 1b/JX027295	61.7	67	47.2	68.3	64.5	61.7	67	47.3	68.2	64.6	61.7	67.1	47.3	68.2	64.7			
Hu/BuV 2/JX027297	61	66.9	47.9	66	62.5	61	66.9	48	66	62.7	61	67	48	66	62.9			
Hu/BuV 3/AB847987	61.1	67.1	48.4	66.6	62.8	61.1	67.2	48.4	66.5	62.9	61.1	67.3	48.5	66.5	63			
Si/WUHARV/JX627576	63.2	69.4	51.4	67.9	67.2	63.2	69.4	51.4	67.8	67.4	63.3	69.5	51.4	67.8	67.6			
Po/Zsana/2013/HUN/KT965075	59.6	65.7	46.5	65.9	65.3	59.6	65.7	46.5	66	65.8	59.6	65.7	46.5	66	66			
Bat/Megabat BuV 1/LC085675	58	65.3	45.7	61.1	60.7	59.4	65.2	45.7	61.1	60.9	59.4	65.2	45.7	61.1	61			
Ro/Mpungu BuV/NC_026815	57	64.7	44.9	55.9	54.9	57	64.3	45	55.8	55.1	57	64.4	45	55.8	55.1			
Ro/Rat BuV SY/KT716186	56.7	63.7	43.1	55	54.1	56.8	63.2	43.2	54.9	54.5	56.8	63.3	43.2	54.9	54.5			
Ca/CPV-2/NC_001539	45	56	40.6	42.6	33.4	45	56	40.6	42.6	33.2	45	56.1	40.7	42.6	33.2			

*Gen, genome; NS, nonstructural protein; VP, virus capsid protein. Bold type indicates highest identities.

†Ca, canine; Hu, human; Po, porcine; Ro, rodent; Si, simian.