

Circular virus	Rodent species	Accession number	Nonamer sequence	Stem length (bp)	No. of nt in genome	No. of aa in Rep protein	Family domains in Rep protein	Top hit (E-value)	Similarity (%)
M-13 R-15	<i>P. truei</i> <i>N. cinerea</i>	JF755410 JF755401	GGGTAATAC TAATATTAC	14 17	2,193 1,758	270 345	Viral Rep; RNA helicase Gemini-AL1; RNA helicase	Giardia intestinalis ( $4 \times 10^{-35}$ ) Porcine circovirus 2 ( $7 \times 10^{-14}$ )	29 20
M-44	<i>M. musculus</i>	JF755408	AAGTAATAC	18	2,294	309	Viral Rep; RNA helicase	Reclaimed water circovirus-like genome RW-E ( $1 \times 10^{-73}$ )	44
M-45	<i>M. musculus</i>	JF755409	GGGTAATAC	11	2,506	203	Viral Rep	Reclaimed water circovirus-like genome RW-A ( $2 \times 10^{-19}$ )	20
M-53	<i>M. musculus</i>	JF755415	GCGTCTTAC	8	1,124	Rep 1: 149	Viral Rep	Marine circovirus-like genome CB-A ( $1 \times 10^{-20}$ )	20
V-64	<i>M. pennsylvanicus</i>	JF755407	CTCAGTTAC	18	2,986	Rep 2: 125 Rep 1: 174 Rep 2: 192	RNA helicase No conserved domain RNA helicase	Giardia intestinalis ( $2 \times 10^{-18}$ ) Geminiviruses ( $3 \times 10^{-2}$ ) Bat circovirus-like genome TM-6c ( $6 \times 10^{-14}$ )	12 10 12
V-69	<i>M. pennsylvanicus</i>	JF755403	GACCCTTAC	10	2,220	321	Viral Rep; RNA helicase	Giardia intestinalis ( $2 \times 10^{-89}$ )	44
V-72	<i>M. pennsylvanicus</i>	JF755411	CTTTACTAC	17	2,070	313	Viral Rep; RNA helicase	Giardia intestinalis ( $2 \times 10^{-82}$ )	52
V-76	<i>M. pennsylvanicus</i>	JF755404	TGCCGTTAC	11	3,781	349	Gemini-AL1; RNA helicase	Giardia intestinalis ( $6 \times 10^{-16}$ )	20
V-77	<i>M. pennsylvanicus</i>	JF755405	TGCCGTTAC	11	3,781	349	Gemini-AL1; RNA helicase	Giardia intestinalis ( $6 \times 10^{-16}$ )	20
V-81	<i>M. pennsylvanicus</i>	JF755412	CTTTACTAC	17	2,070	313	Viral Rep; RNA helicase	Giardia intestinalis ( $2 \times 10^{-82}$ )	52
V-84	<i>M. pennsylvanicus</i>	JF755413	CTTTACTAC	17	2,070	313	Viral Rep; RNA helicase	Giardia intestinalis ( $2 \times 10^{-82}$ )	52
V-86	<i>M. pennsylvanicus</i>	JF755416	CTCAGTTAC	18	2,984	Rep 1: 193 Rep 2: 192	No conserved domain RNA helicase	Geminiviruses ( $3 \times 10^{-2}$ ) Bat circovirus-like genome TM-6c ( $6 \times 10^{-14}$ )	10 12
V-87	<i>M. pennsylvanicus</i>	JF755406	TGCCGTTAC	11	3,781	349	Gemini-AL1; RNA helicase	Giardia intestinalis ( $6 \times 10^{-16}$ )	20
V-89	<i>M. pennsylvanicus</i>	JF755402	GGGTAATAC	8	2,069	309	Viral Rep; RNA helicase	Giardia intestinalis ( $5 \times 10^{-79}$ )	50
V-91	<i>M. pennsylvanicus</i>	JF755417	CTCAGTTAC	18	2,984	Rep 1: 193 Rep 2: 192	No conserved domain RNA helicase	Geminiviruses ( $3 \times 10^{-2}$ ) Bat circovirus-like genome TM-6c ( $6 \times 10^{-14}$ )	10 12
V-97	<i>M. pennsylvanicus</i>	JF755414	CTTTACTAC	17	2,070	313	Viral Rep; RNA helicase	Giardia intestinalis ( $2 \times 10^{-82}$ )	52