



**B**  
Liver

Virus	Odds Ratio	95% CI	P-Value
LaDV	3.84	(1.21, 13.67)	0.0216†
MuSaV	0.77	(0.14, 2.93)	0.7208
MuPIV	0.52	(0, 16.76)	0.7467
MuFARV	2.67	(0, 1556.18)	0.7445
MuFAHLV	2.67	(0, 1556.18)	0.7445
MuAst-2	0.70	(0.23, 1.87)	0.4859
MuAst-1	1.33	(0.25, 5.17)	0.7062
MHV	1.53	(0.01, 38.92)	0.8309
MuRotaV	1.33	(0, 35.01)	0.8838
MuBV	7.68	(0.01, 61504.73)	0.7364
MuAPBV	2.81	(0.93, 9.07)	0.0682
MuCPV	0.82	(0.26, 2.67)	0.7311
MuKoV	1.00	(0.01, 16.71)	0.998
MmusPyV-3	11.02	(0.04, 6369.63)	0.3123
MNV	0.92	(0, 17.67)	0.9678

Fecal

Virus	Odds Ratio	95% CI	P-Value
LaDV	1.57	(0.53, 4.67)	0.4109
MuSaV	0.52	(0.1, 1.85)	0.3325
MuPIV	0.25	(0, 4.11)	0.3849
MuFARV	2.67	(0, 1556.18)	0.7445
MuFAHLV	0.27	(0, 5.67)	0.4446
MuAst-2	1.51	(0.55, 4.5)	0.4328
MuAst-1	0.65	(0.24, 1.64)	0.3719
MHV	0.11	(0, 0.86)	0.0323†
MuRotaV	0.67	(0.06, 3.68)	0.6686
MuBV	3.61	(0.01, 765.94)	0.5881
MuAPBV	2.10	(0.76, 6.01)	0.1505
MuCPV	0.88	(0.33, 2.3)	0.792
MuKoV	0.77	(0.14, 3.01)	0.725
MmusPyV-3	8.79	(0.03, 2822.61)	0.426
MNV	1.02	(0.13, 6.91)	0.9847

**Supplemental Figure 1.** Association between *Capillaria hepatica* infection and carriage of individual viruses identified by PCR in a prior study of the same mouse population. **(A)** Bar graph displaying prevalence of 15 viruses in the feces or liver of mice with or without *Capillaria hepatica* infection. **(B)** Association between nematode infection and carriage of viruses in the liver or feces. Odds ratios were calculated using Firth logistic regression analysis. †, crude  $P < 0.05$ , however, after controlling the family-wise error rate, these associations were not significant. LaDV, lactate dehydrogenase-elevating virus; MuSaV, murine sapovirus; MuPIV, murine picornavirus; MuFARV, murine feces-associated rhabdovirus; MuFAHLV, murine feces-associated hepe-like virus; MuAst-2, murine astrovirus 2; MuAst-1, murine astrovirus 1; MHV, murine hepatitis virus; MuRotaV, murine rotavirus; MuBV, murine bocavirus; MuAPBV, murine-associated porcine bocavirus; MuCPV, murine chapparrivirus; MuKoV, murine kobuvirus; MmusPyV-3, Mus musculus polyomavirus 3; MNV, murine norovirus