

Supplementary Table 1. Reported results of ancillary tests performed on tissues from the 3 study cases (cases 1–3) and 6 case control (cases 4–9) pumas (*Puma concolor coryi*).

	Case ID								
	1	2	3	4	5	6	7	8	9
Infections agent									
<i>Bordetella</i> spp.	N	NP	NP	NP	NP	NP	NP	NP	N
Calicivirus	Ab	NP	NP	NP	NP	NP	NP	NP	P
Canine distemper virus	N	NP	NP	NP	NP	NP	NP	NP	N
<i>Chlamydia</i> spp.	N	N	N	NP	NP	NP	NP	NP	N
Feline herpesvirus 1	N	N	N	NP	NP	NP	NP	NP	N
Feline immunodeficiency virus	N	N	N	N	N	N	N	NP	N
Feline infectious peritonitis virus	NP	N	N	NP	NP	NP	NP	NP	NP
Feline leukemia virus	N	N	N	N	N	N	P	NP	N
Feline panleukopenia virus	Ab	NP	NP	NP	NP	NP	NP	NP	N
Influenza A virus	N	NP	NP	NP	NP	NP	NP	NP	N
<i>Mycoplasma</i> spp.	N	NP	NP	NP	NP	NP	NP	NP	N
Pseudorabies virus	N	NP	NP	NP	NP	N	N	NP	N
Rabies virus	NP	NP	N	NP	N	NP	NP	NP	NP
<i>Toxoplasma gondii</i>	N	Ab	NP	NP	NP	NP	NP	NP	NP
Virus isolation (lung)	N	N	N	NP	NP	NP	NP	NP	NP
Blood culture	N	N	N	NP	P*	NP	NP	NP	NP
Aerobic culture of lung	N	N	P†	NP	NP	NP	NP	NP	NP
Aerobic culture of tracheal aspirate	NP	P‡	N	NP	NP	NP	NP	NP	NP
Aerobic culture of liver	NP	P§	P!	NP	NP	NP	NP	NP	NP
Aerobic culture of abdominal swab	P#	NP	NP	NP	NP	NP	NP	NP	NP
Toxicology									
Anticoagulant rodenticide screen	NP	N	N	NP	NP	NP	NP	NP	NP
Brain cholinesterase activity	NP	N	N	NP	NP	NP	NP	NP	NP
Heavy metal screen	NP	N	NP	NP	NP	NP	NP	NP	NP
Paraquat screen	NP	N	N	NP	NP	NP	NP	NP	NP
Petroleum screen	NP	N	N	NP	NP	NP	NP	NP	NP

Ab = antibodies detected; N = agent not detected; NP = test not performed; P = agent(s) detected.

* *Streptococcus* spp. and *Listeria* spp. detected.

† *Corynebacterium* spp., *Enterobacter* spp., *Escherichia coli*, *Klebsiella* spp., *Pseudomonas* spp., and *Streptococcus* spp. detected.

‡ *Pseudomonas aeruginosa* detected.

§ *Staphylococcus aureus*, *Pseudomonas fluorescens*, and non-hemolytic *Streptococcus* spp. detected.

‡ *Staphylococcus aureus*, *Pseudomonas fluorescens*, non-hemolytic *Streptococcus* spp., and gram-negative rods detected.

Proteus mirabilis and beta-hemolytic *Streptococcus* spp. detected.