

Supplemental Table 1. Deer level covariates. All covariates tested for each deer (n=45) are shown. IOME = iron-oxide magnetic extraction, PTA = phosphotungstic acid precipitation, PO = per os/oral, IP = intraperitoneal, IC = intracranial, IV = intravenous. Genotype refers to the amino acids at codon 96 (G = glycine, S = serine).

Deer	Genotype	Sex	Technique	Route	Inoculum
107	GG	Female	IOME	PO	Saliva
108	GG	Female	IOME	IP	Blood
113	GG	Female	IOME	PO	Saliva
121	GS	Male	IOME	IC	Brain
122	GG	Male	IOME	PO	Saliva
132	GG	Male	IOME	PO	Saliva
137	GS	Female	IOME	IV	Blood
144	GG	Female	IOME	PO	Saliva
147	GG	Male	IOME	PO	Saliva
303	GS	Female	IOME	IV	Blood
322	GG	Female	IOME	IV	Blood
324	GG	Female	IOME	IV	Blood
325	GG	Female	IOME	IV	Blood
346	GG	Male	IOME	IV	Blood
347	GS	Female	IOME	IV	Blood
357	GS	Female	IOME	IV	Blood
372	GG	Female	IOME	IV	Blood
4116	GG	Male	IOME	IV	Blood
4128	GG	Male	IOME	IV	Blood
4461	GG	Male	IOME	Contact	Contact
4506	GG	Male	IOME	IV	Blood
4512	GG	Male	IOME	IV	Blood
6332	GG	Male	IOME	Contact	Contact
6333	GG	Male	IOME	IP	Blood
6335	GG	Male	IOME	IP	Blood
6338	GG	Male	IOME	Contact	Contact
6364	GG	Female	IOME	IP	Blood
6372	GS	Female	IOME	Contact	Contact
773	GS	Male	PTA	PO	Brain
775	GS	Male	PTA	PO	Brain
776	GG	Male	PTA	PO	Brain
777	GS	Male	PTA	PO	Brain
778	GG	Female	PTA	PO	Brain
781	GG	Female	PTA	PO	Brain
782	GG	Male	PTA	PO	Brain
783	GS	Female	PTA	PO	Brain
784	GG	Male	PTA	PO	Brain
785	GG	Female	PTA	PO	Brain
786	GG	Female	PTA	PO	Brain
812	GG	Male	PTA	Aerosol	Brain
813	GG	Female	PTA	Aerosol	Brain
815	GG	Male	PTA	Aerosol	Brain
816	GG	Female	PTA	Aerosol	Brain
817	GG	Male	PTA	Aerosol	Brain
818	GG	Female	PTA	Aerosol	Brain