

**Table S1:** Samples positive for the detection of EcPV9-L1 and EcPV2-L1 by Real Time PCR. Breed, age, sex and origin of sampled animals are reported in the table

ID	EcPV9-L1 Cq $\pm$ 1SD	EcPV2-L1 Cq $\pm$ 1SD	Breed	Age	Sex	Origin
ID71	31.59 $\pm$ 3.33	23.8 $\pm$ 1.0	Shire	10.0	F	Pralormo, Piedmont
ID18A	35.76 $\pm$ 0.34	>38.00	English thoroughbred	N.A.	F	Vigone, Piedmont
ID143	35.72 $\pm$ 0.65	>38.00	English thoroughbred	10.0	F	Pisa, Tuscany
ID151	35.42 $\pm$ 0.66	>38.00	English thoroughbred	8.0	F	Vigone, Piedmont
ID107	28.79 $\pm$ 0.74	32.4 $\pm$ 0.2	English thoroughbred	9.0	F	Vigone, Piedmont
ID134	29.20 $\pm$ 0.17	26.9 $\pm$ 1.5	English thoroughbred	9.0	F	Faenza, Emilia Romagna
ID149	33.62 $\pm$ 0.54	32.7 $\pm$ 1.2	English thoroughbred	15.0	F	Umbertide, Umbria
ID163	33.60 $\pm$ 0.56	35.3 $\pm$ 0.6	English thoroughbred	8.0	F	Umbertide, Umbria
ID166	30.01 $\pm$ 0.27	16.5 $\pm$ 0.5	English thoroughbred	11.0	F	Noceto, Emilia Romagna
ID10A	32.87 $\pm$ 0.36	33.59 $\pm$ 1.84	English thoroughbred	11.0	F	Pralormo, Piedmont
ID75	27.85 $\pm$ 0.22	>38.00	English thoroughbred	21.0	F	Siracusa, Sicily