Eimeria intensity	Hyp.	Alpha (p-value)	Load in ΔCt for both parental subspecies	Shape
Present study, *Eimeria* sp.	H0	0.74 (0.02)	−0.70	2.33
Present study, *Eimeria ferrisi*	H0	0.74 (0.02)	−0.70	2.33

Pinworm intensity	Hyp.	Alpha (p-value)	Load in count Mmd	Load in count Mmm	Aggregation Mmd	Aggregation Mmm	Z parameter
Present study	H3	♀ 0.91 (0.04) ♂ 1.46 (<0.001)	♀ 35.57 ♂ 30.38	♀ 68.67 ♂ 51.86	♀ 1.45 ♂ 2.10	♀ 2.00 ♂ 1.33	♀ −1.04 ♂ −1.23
Present study (data from Baird et al., 2012)	H1	1.21 (<0.001)	94.37	46.81	1.88	1.34	−0.13

Note: Parameters estimated by maximum likelihood for each data set. Alpha is the hybridization effect (deviation of parasite estimated load from the additive model) given with its significance p-value. If sexes are separated, corresponding parameters for each sex are given with symbols ♀ and ♂. Nested hypotheses are as follows. H0: same expected load for the subspecies and between sexes; H1: same expected load across sexes, but can differ across subspecies; H2: same expected load across subspecies, but can differ between the sexes; H3: expected load can differ both across subspecies and between sexes. *Mus musculus domesticus* and *Mus musculus musculus* are named hereafter Mmd and Mmm.