Mouse strain (species) **SCHUNTX** STRAx **SCHUNTX PWDx** Eimeria isolate **SCHUNT STRA BUSNA PWD** Batch STRA **BUSNA PWD BUSNA** (Mmd) (Mmd) (Mmm) (Mmm) (species) (Mmd-Mmm) (Mmd-Mmm) (Mmd) (Mmd) Brandenburg139 2 3 2 3 (E. ferrisi) **B1**

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B2

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B4

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Supplementary Table S1. Chronology of experimental infections.

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3

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4

Brandenburg64

(*E. ferrisi*)
Brandenburg139

(E. ferrisi)

Brandenburg64

(*E. ferrisi*)
Brandenburg64

(E. ferrisi)

Brandenburg88

(*E. falciformis*)
Brandenburg64

(E. ferrisi)

Brandenburg88

(E. falciformis)