

Supporting Table 3

Linkage analysis of *T. gondii* infection phenotypes in F2 (LEW x BN) rats

Locus	cM [§]	anti-Tg by WB*		anti-Tg by IF [†]		Brain cysts [‡]	
		χ^2 [¶]	p	χ^2	p	χ^2	p
D10Wox26	3.2	40.6	1.6 x 10 ⁻⁹	43.4	8.4 x 10 ⁻⁹	20.4	3.8 x 10 ⁻⁵
D10Rat34	3.3	33.5	2.7 x 10 ⁻⁹	42.1	1.6 x 10 ⁻⁸	26.4	1.9 x 10 ⁻⁶
D10Rat33	2.7	43.6	3.4 x 10 ⁻¹⁰	47.3	1.3 x 10 ⁻⁹	18.5	9.8 x 10 ⁻⁵
D10Rat167	2.4	45.6	1.2 x 10 ⁻¹⁰	49.8	4.0 x 10 ⁻¹⁰	25.1	3.6 x 10 ⁻⁶
D10Mit3	1.5	47.9	4.0 x 10 ⁻¹¹	51.2	2.0 x 10 ⁻¹⁰	31.5	1.4 x 10 ⁻⁷
D10Rat164	0.9	61.3	4.9 x 10 ⁻¹⁴	65.6	1.9 x 10 ⁻¹³	32.6	8.5 x 10 ⁻⁸
D10Mco17	0.6	61.4	4.7 x 10 ⁻¹⁴	66.4	1.3 x 10 ⁻¹³	32.6	8.4 x 10 ⁻⁸
D10Arb4	4.6	64.0	1.3 x 10 ⁻¹⁴	71.6	1.0 x 10 ⁻¹⁴	33.8	4.6 x 10 ⁻⁸
D10Rat32	3.0	79.6	5.2 x 10 ⁻¹⁸	89.3	1.9 x 10 ⁻¹⁸	47.5	4.8 x 10 ⁻¹¹
D10Rat116	1.7	80.6	3.1 x 10 ⁻¹⁸	90.1	1.3 x 10 ⁻¹⁸	43.4	3.8 x 10 ⁻¹⁰
D10Rat80	2.7	76.2	2.9 x 10 ⁻¹⁷	84.9	1.6 x 10 ⁻¹⁷	42.5	5.9 x 10 ⁻¹⁰
D10Wox24	3.4	59.0	1.5 x 10 ⁻¹³	62.0	1.1 x 10 ⁻¹²	34.1	3.9 x 10 ⁻⁸
D10Rat58	1.8	51.6	6.1 x 10 ⁻¹²	54.3	4.5 x 10 ⁻¹¹	29.2	4.5 x 10 ⁻⁷
D10Rat27		49.0	2.2 x 10 ⁻¹¹	51.6	1.7 x 10 ⁻¹⁰	25.2	3.4 x 10 ⁻⁶

* : Detection of anti-*T. gondii* (Tg) Ab by western blot (WB)

† : Semi quantitative evaluation of anti-*T. gondii* Ab titers by immunofluorescence (IF)

‡ : Counting of brain cysts

§ : Distance in cM between two adjacent markers

¶ : Pearson's χ^2 statistics with 2 (anti-TG by WB and brain cysts) or 4 (anti-TG by IF) degrees of freedom