

**Supplemental Table S2: Evaluation of expected versus observed inheritance of neurobehavioral phenotypes.**

F2 lineage (nM)	n	Neither Phenotype	Visual deficit	Hyperactivity	Both Phenotypes		Chi-square
					Expected	Observed	
0	15	87% (13)	7% (1)	7% (1)	0% (0)	0% (0)	$\chi^2=0.0670$ $df=4$ $p=0.999$
1	20	5% (1)	65% (13)	65% (13)	42% (8)	35% (7)	
3	16	6% (1)	93% (14)	38% (6)	35% (6)	31% (5)	
10	18	6% (1)	72% (13)	61% (11)	44% (8)	39% (7)	
30	17	6% (1)	71% (12)	71% (12)	50% (9)	47% (8)	
100	15	0% (0)	93% (14)	60% (9)	56% (8)	53% (8)	