

Table S1 Chi-square statistic for tests of three alternative hypotheses for the minimum number of X-autosome incompatibilities required for infertile phenotype in F₁ males

Generation	RTW ^a			Sperm count		
	X-A ^b	X-2A ^c	X-3A ^d	X-A	X-2A	X-3A
N2	17*	5.7*	1.2	7.1*	0.5	3.5
N3	2.4	0.01	0.3	0.9	1.4	3.4

^aRTW, relative testis weight

^bInfertility requires incompatibility between X and 1 autosomal dominant locus

^cInfertility requires incompatibilities between X and 2 unlinked autosomal dominant loci with additive effects

^dInfertility requires incompatibilities between X and 3 unlinked autosomal dominant loci with additive effects

*Rejects hypothesis at $\alpha = 0.05$