

Table S1. Partial correlations between female preference and relative gamete mutation load or relative somatic quality for different maximum mutation probabilities and mutation effect sizes

Effect size	Number of loci	Relative gamete mutation load			Relative somatic quality		
		max = 0.01	max = 0.05	max = 0.1	max = 0.01	max = 0.05	max = 0.1
Large	5	0.06	-0.15	-0.30**	0.23*	-0.46***	-0.31**
Large	10	0.10	-0.25*	-0.38**	0.26*	-0.36**	-0.37**
Small	20	-0.27*	-0.27*	-0.32**	0.29*	-0.32**	-0.33**
Small	40	-0.08	-0.20	-0.13	0.25*	-0.20	-0.41***

*P<0.05, **P<0.01, ***P<0.001