

Supplementary Table 13: Fitnesses in a diploid two-locus epistatic model.

		$\sigma^{\circ}$					
		TC	Tc	tC	tc	T0	t0
$\text{♀}$	TC	1	1	1	$1 + \frac{h}{2}s$	1	1
	Tc	1	1	$1 + \frac{h}{2}s$	$1 + hs$	1	$1 + hs$
	tC	1	$1 + \frac{h}{2}s$	1	$1 + hs$	1	1
	tc	$1 + \frac{h}{2}s$	$1 + hs$	$1 + hs$	$1 + s$	$1 + hs$	$1 + s$

Fitnesses of different male-female gametic combinations when there is a beneficial partially recessive interaction between an autosomal allele and an X-linked allele (males are the heterogametic sex). T/t - trans-acting autosomal gene; C/c - cis-acting X-linked locus; 0 - indicates a male gamete carrying a Y chromosome;  $s$  - selection coefficient;  $h$  - dominance coefficient.