

**Table S3. Fitness based on weights as ratios of median genotypic frequency changes between years within year class.**

Age	Weights, $U$		
	$U_{AA}$	$U_{AB}$	$U_{BB}$
4	1.164	0.752	1.214
5	0.829	1.004	2.061
6	0.714	0.946	2.920
7	0.731	1.014	1.288
8	0.691	0.853	1.425
9	0.932	0.995	1.055
10	0.750	0.986	1.164
11	0.864	0.901	0.875
12	0.505	0.812	3.940
13	1.167	1.061	0.875
$\prod_{j=5}^{11} U_{ij}$	0.181	0.726	11.873
$W_i$	0.015	0.061	1.0

Products of weights,  $\prod_{j=5}^{11} U_{ij}$ , for ages 5–11. Fitness of genotypes,  $W_i$ , relative to the most fit  $BB$  genotype.