

Supplementary file from

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Effect of genetic drift on determinants of protein evolution

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**Table S2.** Distribution of fitness effects and the proportion of SNVs

<i>Nes</i>	Highly expressed		Lowly expressed	
	<i>M.m.castaneus</i>	<i>M.m.musculus</i>	<i>M.m.castaneus</i>	<i>M.m.musculus</i>
0-1*	0.069 (0.003)	0.119 (0.008)	0.129 (0.004)	0.185 (0.010)
1-10	0.043 (0.003)	0.065 (0.011)	0.062 (0.003)	0.078 (0.015)
10-100	0.071 (0.008)	0.101 (0.025)	0.092 (0.007)	0.113 (0.030)
>100	0.817 (0.010)	0.715 (0.032)	0.718 (0.010)	0.625 (0.041)

\* - The proportion of neutral nonsynonymous SNVs of *M.m.musculus* was significantly higher than that in *M.m.castaneus* ( $P < 0.01$  – Z test). This is true for both highly and lowly expressed genes.