**Table S1.** Mean and standard deviation of phenotypic values and of the number of individual records per line.

	starvation resistance		startle response	
	phen. value <sup>1</sup>	$\#$ rec. per line $^2$	phen. value	# rec. per line
all	$52.5 \pm 10.7$	$104.1\pm21.5$	$29.4 \pm 6.6$	$80.1 \pm 7.4$
female	$44.9 \pm 10.0$	$52.2 \pm 11.2$	$29.2 \pm 6.7$	$40.2 \pm 3.9$
male	$60.2 \pm 13.4$	$51.8 \pm 10.8$	$29.5 \pm 6.7$	$39.8 \pm 4.3$

Phenotypic values were calculated as the average of the medians of male and female records ("all") or as medians of female or male records separately.

 $<sup>^2</sup>$  Number of records per line.