

Table S15. Performance of strains carrying the ultraconserved region *CG15121-CG1689* in its disrupted or intact form based on four proxies of global homeostasis

Proxy (Parameter Measured)	Strains ^a		
	REC	INV1	INV2
Negative gravitaxis (height reached)			
<i>Females</i>	0.812, (0.677, 0.946)	0.844, (0.768, 0.920)	0.834, (0.753, 0.915)
<i>Males</i>	0.772, (0.674, 0.870)	0.764, (0.672, 0.856)	0.716, (0.610, 0.821)
Heat-shock resistance (fraction surviving flies)			
<i>Females</i>	0.880, (0.776, 0.984)	0.860, (0.667, 1.053)	0.700, (0.437, 0.96)
<i>Males</i>	0.610, (0.499, 0.721)	0.700, (0.584, 0.816)	0.690, (0.518, 0.86)
Desiccation resistance (time to death)			
<i>Females</i>	17.15, (16.073, 18.227)	16.95, (15.731, 18.169)	17.10, (15.905, 18.295)
<i>Males</i>	12.75, (11.948, 13.552)	13.05, (12.453, 13.647)	13.05, (12.493, 13.607)
Starvation resistance (time to death)			
<i>Females</i>	2.10, (1.905, 2.295)	2.175, (1.932, 2.418)	2.625, (2.496, 2.754)
<i>Males</i>	2.17, (2.001, 2.349)	2.125, (2.021, 2.229)	2.175, (2.001, 2.349)

^a Mean, 95% CI (lower boundary, upper boundary). $n = 20$ for all proxies except for heat-shock ($n = 5$).