

Supplemental Table S7. Comparison of Spearman's correlation coefficient (ρ) between ΔE_{A-B} and $S_{A/B}$ for the dosage sensitive and dosage insensitive ortholog sets. Only ortholog sets with $\bar{d}_s \leq 1$ were included in the analysis.

Organisms	All ^a		Dosage sensitive		Dosage insensitive	
	ρ (<i>P</i> -value)	N	ρ (<i>P</i> -value)	N	ρ (<i>P</i> -value)	N
Mammals	-0.475 (< 10 ⁻²¹)	364	-0.524 (< 10 ⁻¹⁷)	234	-0.400 (< 10 ⁻⁵)	130
Flies	-0.345 (< 10 ⁻⁷)	228	-0.382 (< 10 ⁻⁵)	128	-0.288 (< 10 ⁻²)	100
Worms	-0.427 (< 10 ⁻⁷)	161	-0.700 (< 10 ⁻⁶)	44	-0.332 (< 10 ⁻³)	117

^a Only ortholog sets that could be defined as "dosage sensitive" or "dosage insensitive" were analyzed.