

Supplemental Table S11. Comparison of Spearman's correlation coefficient (ρ) between ΔE_{A-B} and $S_{A/B}$ for the dosage sensitive and dosage insensitive ortholog sets. To determine mRNA expression levels, RNA-seq reads were mapped to reference transcript annotations with a “-g 0” option.

Organism	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	-0.569 (< 10 ⁻³⁷)	429	-0.622 (< 10 ⁻³⁰)	270	-0.516 (< 10 ⁻¹¹)	159
Flies	-0.266 (< 10 ⁻⁴)	235	-0.338 (< 10 ⁻⁴)	130	-0.144 (< 10 ⁻²)	105
Worms	-0.425 (< 10 ⁻¹²)	246	-0.599 (< 10 ⁻⁴)	57	-0.346 (< 10 ⁻⁵)	189

^a Only ortholog sets defined as “dosage sensitive” or “dosage insensitive” were included.