

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 (P -value)	N	ρ (P -value)	N	ρ (P -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.