Supplemental Table S6. Comparison of Spearman's correlation coefficient (ρ) between $\Delta E_{\text{A-B}}$ and $S_{\text{A/B}}$ for the dosage sensitive versus dosage insensitive ortholog sets or for the complex versus non-complex ortholog sets in flies. *D. melanogaster - D. pseudoobscura* orthlog sets were used. Expression levels were estimated in L3 larva from both species.

Categories of ortholog sets	ρ (*P*-value)	N
Dosage sensitive vs. dosage insensitive		
All[a]	-0.482 ($< 10^{-26}$)	441
Dosage sensitive	-0.567 ($< 10^{-19}$)	226
Dosage insensitive	-0.399 ($< 10^{-8}$)	215
Complex vs. non-complex		
All	-0.412 ($< 10^{-33}$)	799
Complex	-0.631 ($< 10^{-21}$)	127
Non-complex	-0.364 ($< 10^{-26}$)	672

[a] Only ortholog sets defined as "dosage sensitive" or "dosage insensitive" were included.