

Supplemental Table S1. Comparison of Spearman's correlation coefficient (ρ) between ΔE_{A-B} and $S_{A/B}$ between the complex and non-complex ortholog sets.

Organism	All		Complex		Non-complex	
	ρ (<i>P</i> -value)	N	ρ (<i>P</i> -value)	N	ρ (<i>P</i> -value)	N
Mammals	-0.332 (< 10 ⁻²⁵)	854	-0.685 (< 10 ⁻²⁶)	190	-0.243 (< 10 ⁻¹¹)	664
Flies	-0.225 (< 10 ⁻⁵)	355	-0.415 (< 10 ⁻³)	66	-0.186 (< 10 ⁻³)	289
Worms	-0.360 (< 10 ⁻⁴⁹)	1589	-0.483 (< 10 ⁻⁴)	73	-0.352 (< 10 ⁻⁴⁴)	1516