

**Additional file 1. Table S1.** Transposable elements (TE) in the genomes of *Hyposoter didymator* and *Campoletis sonorensis*. Total number and percentage are given for each TE class. Detection performed using the REPET pipeline (see Methods). LINE, long interspersed nuclear element; LTR, long terminal repeat; SINE, short interspersed nuclear element.

Transposable elements (TE) classes	<i>Hyposoter didymator</i>		<i>Campoletis sonorensis</i>	
	Total number	Percentage of TE classes	Total number	Percentage of TE classes
LINE	98	10%	189	20%
LTR retrotransposons	106	11%	193	20%
SINE retrotransposons	33	3%	56	6%
DNA transposons	299	30%	314	33%
Others	464	46%	199	21%
Total	1000	/	951	/