

Table S1. Comparison of the control region in *C. rutilans* and other six species from different Zygoptera families. *, Gap in sequence; **, TR Alignment Parameters (match, mismatch, indels = 2,5,5).

Species	Control region position (bp)	Size (bp)	TR region	Copy number
<i>Ischnura elegans</i> (Coenagrionidae)	14767-15962	1196	2	3.0/2.9
<i>Matrona basilaris</i> (Calopterygidae)	14638-16149	1512	2	2.4/2.0
<i>Euphaea formosa</i> (Euphaedidae)	14782-15700	919	2	2.5/2.4
<i>Chalcopteryx rutilans</i> (Polythoridae)	14756-15653	898	2	1.9/2.2
<i>Mesopodagrion tibetanum</i> (Megapodagrionidae)	14637-15363 *	727	1	4.3
<i>Pseudolestes mirabilis</i> (Pseudolestidae)	14716-15122 **	407	1	2.1
<i>Platycnemis foliacea</i> (Platycnemididae)	14791-15382	592	2	3.1/2.4