

Table S1. The accession numbers for NCBI and ENSEMBL of *C. elegans*, *Drosophila*, *Ciona*, and amphioxus GnRHRs are given beneath receptor's name as well as gene location in brackets.

Invertebrate Species				
	C.elegans	Drosophila	<i>Ciona intestinalis</i>	<i>Amphioxus</i>
Receptors	GnRHR NP_001249720 (Ch1)	GnRHR1 FBgn0025595 (Ch2L)	GnRHR1 NP_001027765 (Ch3)	GnRHR1 EU433377 (Scaffold 15)
		GnRHR2 FBgn0036278 (Ch3L)	GnRHR2 NP_001027656 (Ch3)	GnRHR2 EU433378 (Scaffold 15)
			GnRHR3 NP_001165352 (Ch3)	GnRHR3 EU433379 (Scaffold 629)
			GnRHR4 NP_001165351 (ScaffoldHT000157)	GnRHR4 FJ426561 (Scaffold 15)