

**Table S7.** Sex-biased differentially-expressed genes in both larvae and gonads

DE in larvae group	Gonads	
	Female	Male
A	WASP Family Member 1 ( <i>WASF1</i> ), Ataxin 2 Like ( <i>ATX2L</i> )	WD repeat domain 90 ( <i>WDR90</i> ), AKT Serine/Threonine Kinase 2 ( <i>AKT2</i> ), Obscurin Like 1( <i>OBSL1</i> ), ADP Ribosylation Factor 1 ( <i>ARF1</i> ) isoform 2
B	Neural cell adhesion molecule L1 like ( <i>NCHL1</i> ), ADP Ribosylation Factor 1 ( <i>ARF1</i> ) isoform 1, DAB Adaptor Protein 2 ( <i>DAB2</i> )	family with sequence similarity 198 member A ( <i>FAM198A</i> ), Microtubule Actin Crosslinking Factor 1 ( <i>MACF1</i> )