

Table S1: p-values from statistical analysis using two-sided t-tests of tissue and time point expression as measured by qPCR.

						Female Carcass PBM					Female Ovaries PBM					
		Embryo	Larvae	Pupae	Male	0 hr	2 hr	24 hr	48 hr	72 hr	0 hr	2 hr	24 hr	48 hr	72 hr	
Ago3	Female Carcass PBM	Embryo														
		Larvae	0.0031													
		Pupae	0.5915	0.0988												
		Male	0.1256	0.0561	0.1274											
		0 hr	0.0006	0.1580	0.0381	0.0472										
	Female Ovaries PBM	2 hr	0.0034	0.7066	0.0954	0.0691	0.3396									
		24 hr	0.0003	0.0487	0.0270	0.0448	0.6071	0.1411								
		48 hr	0.9310	0.0403	0.5937	0.0411	0.0156	0.0416	0.0114							
		72 hr	0.0045	0.9389	0.1117	0.0568	0.1952	0.6896	0.0810	0.0441						
		0 hr	0.0130	0.8574	0.1559	0.0589	0.2992	0.6880	0.1860	0.0566	0.9061					
		2 hr	0.8558	0.0891	0.8016	0.1222	0.0399	0.0897	0.0303	0.8047	0.0977	0.1263				
		24 hr	0.7325	0.0872	0.5364	0.1672	0.0494	0.0931	0.0409	0.7608	0.0924	0.1088	0.6752			
		48 hr	0.0023	0.0008	0.0031	0.1450	0.0006	0.0014	0.0006	0.0001	0.0008	0.0009	0.0022	0.0034		
		72 hr	0.0000	0.0000	0.0000	0.9517	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0011	0.0670	
Aub	Female Carcass PBM	Embryo														
		Larvae	0.0003													
		Pupae	0.0002	0.6728												
		Male	0.0034	0.6012	0.4092											
		0 hr	0.0000	0.1562	0.3397	0.1368										
	Female Ovaries PBM	2 hr	0.0001	0.3059	0.5855	0.2340	0.5657									
		24 hr	0.0000	0.0165	0.0457	0.0419	0.1027	0.0146								
		48 hr	0.0000	0.6404	0.3642	0.8096	0.0647	0.1524	0.0081							
		72 hr	0.0000	0.0231	0.0670	0.0458	0.2126	0.0415	0.4714	0.0102						
		0 hr	0.8853	0.1226	0.1000	0.1840	0.0646	0.0952	0.0536	0.0450	0.0456					
		2 hr	0.5716	0.0537	0.0445	0.0790	0.0301	0.0469	0.0283	0.0098	0.0222	0.5828				
		24 hr	0.4040	0.0351	0.0293	0.0518	0.0199	0.0321	0.0196	0.0045	0.0148	0.4399	0.8225			
		48 hr	0.0067	0.0004	0.0003	0.0006	0.0002	0.0006	0.0003	0.0000	0.0002	0.0088	0.0313	0.0512		
		72 hr	0.0030	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1141	0.4935	0.7207	0.0549	
Piwi	Female Carcass PBM	Embryo														
		Larvae	0.0000													
		Pupae	0.0000	0.0818												
		Male	N/A	N/A	N/A											
		0 hr	0.0000	0.0304	0.0003	N/A										
	Female Ovaries PBM	2 hr	N/A	N/A	N/A	N/A	N/A									
		24 hr	0.0000	0.0110	0.0001	N/A	0.2045	N/A								
		48 hr	N/A	N/A	N/A	N/A	N/A	N/A	N/A							
		72 hr	0.0000	0.5909	0.0222	N/A	0.0671	N/A	0.0253	N/A						
		0 hr	0.0000	0.7588	0.0885	N/A	0.0023	N/A	0.0005	N/A	0.3449					
		2 hr	0.0009	0.0113	0.0769	N/A	0.0023	N/A	0.0009	N/A	0.0057	0.0126				
		24 hr	0.0000	0.0110	0.0001	N/A	0.2045	N/A	N/A	N/A	0.0253	0.0005	0.0009			
		48 hr	0.0514	0.0005	0.0007	N/A	0.0012	N/A	0.0005	N/A	0.0004	0.0005	0.0017	0.0011		
		72 hr	0.0000	0.0000	0.0000	N/A	0.0000	N/A	0.0000	N/A	0.0000	0.0000	0.0000	0.0000	0.8410	

P-values less than 0.05 and 0.001 are highlighted in light and dark orange respectively. N/A indicates little or no amplification of the target gene in one of the compared samples in technical and biological replicates, which prohibited performance of the test. This occurred for Piwi amplified from male samples and female carcass samples.