

Table S6. List of genes upregulated in *Pph13* at less than 1 day old

Gene	GO description	Microarray data	
		Fold change	P-value
Phototransduction			
<i>CG11426</i>	Phosphatidate phosphatase activity	2.39	0.00025
Defense/phagocytosis			
<i>CG11652</i>	Phagocytosis/engulfment	3.74	0.00172
<i>CG3638</i>	Phagocytosis/engulfment	3.36	0.00295
<i>dro6</i>	Defense response	2.23	0.00538
<i>mthl6</i>	GPCR	4.06	0.0091
Enzymes with unknown biological process			
<i>Cys</i>	Cysteine-type endopeptidase inhibitor activity	2.85	6.00E-05
<i>GstE3</i>	Glutathione transferase activity	3.42	3.00E-05
<i>α-Est7</i>	Carboxylesterase activity	2.51	0.00024
<i>Cyp6a23</i>	Cytochrome P450	2.06	0.00043
<i>CG7742</i>	Rab GTPase activator activity	2.61	0.00061
<i>GstE5</i>	Glutathione transferase activity	2.05	0.00227
Cytoskeletal			
<i>Acp65Aa</i>	Structural constituent of chitin	2.78	6.00E-05
<i>Tektin-C</i>	Microtubule binding	3.08	0.00048
Transport			
<i>Lsp2</i>	Nutrient reservoir activity	2.42	0.00157
<i>CG7091</i>	High affinity inorganic phosphate:sodium symporter activity	3.15	0.00319
<i>CG7333</i>	Secondary active organic cation transmembrane transporter activity	2.13	0.00577
Metabolism			
<i>Amy-d</i>	Alpha-amylase activity	2.17	0.00408
<i>Cyp6a9</i>	Cytochrome P450	2.2	0.00512
<i>CG8757</i>	Oxidoreductase activity	2.48	0.00725
Other			
<i>Takr99D</i>	Tachykinin receptor signaling pathway	2	0.00033
<i>RpL28</i>	Structural constituent of ribosome	3.57	0.00226
<i>lectin-28C</i>	Galactose binding	2.07	0.00447
<i>CG13340</i>	Aminopeptidase activity	2.21	0.00945
Unknown			
<i>CG16898</i>	Unknown	2.85	0.00022
<i>CG13737</i>	Unknown	2	0.00058
<i>CG32368</i>	Unknown	2.06	0.00147
<i>CG3934</i>	Unknown	3.43	0.00249
<i>CG7126</i>	Unknown	2.8	0.00787
<i>CG32115</i>	Unknown	6.72	0.00843
<i>CG31223</i>	Unknown	2.57	0.00859
<i>CG32945</i>	Unknown	2.94	0.00916