

Table S1. List of genes downregulated in *Pph13* at 72 hours APF

Gene	GO description	Microarray data	
		Fold change	<i>P</i> -value
Phototransduction			
<i>Gβ76C</i>	GTPase activity	-3.75	0
<i>NinaC</i>	Protein kinase and motor activity	-3.65	0
<i>Arr2</i>	Metarhodopsin binding	-2.84	0.00002
<i>trp</i>	Calcium channel activity	-2.16	0.00011
Defense			
<i>TotB</i>	Stress response	-2.5	0
<i>CG8889</i>	Hydrolase activity	-2.68	0
<i>CG31313</i>	Endopeptidase Inhibitor	-2.35	0.00002
<i>nimB2</i>	Mesoderm development	-2.25	0.00002
Unknown			
<i>CG5172</i>	Unknown	-2.84	0.00001
<i>Osi18</i>	Unknown	-2.45	0.00002
<i>PIP82</i>	Unknown	-2.12	0.00002
<i>CG10953</i>	Unknown	-2.35	0.00038