

S3 Table: Functions of whole gene duplications with upregulated expression

Gene	<i>D. melanogaster</i> ortholog	function
Cuffdiff	<i>2.g417</i>	<i>CG42808</i> no function
	<i>GE11098</i>	<i>Spn38F</i> endopeptidase. Reproduction. Seminal fluid gene.
	<i>GE24648</i>	<i>UGt86Di</i> glucuronosyltransferase activity, metabolism
	<i>GE26061</i>	<i>Sodh-2</i> Sorbitol dehydrogenase
	<i>2.g556</i>	<i>CG8894</i> coumarate ligase, metabolic process
	<i>GE14157</i>	<i>Pms2</i> mismatch repair, recombination, MutL alpha complex
	<i>GE13159</i>	<i>CG13283</i> metalloendopeptidase
	<i>GE20775</i>	<i>Cp16</i> chorion protein
	<i>GE26133</i>	<i>CG14907</i> unknown
	<i>GE24030</i>	<i>CG33099</i> gibberellin 20-oxidase activity
HMM	<i>GE19533</i>	$\gamma$ -trypsin endopeptidase
	<i>GE26134</i>	<i>CG14906</i> methyltransferase
	<i>GE13159</i>	<i>CG13283</i> metallo endopeptidase
	<i>2.g417</i>	<i>CG42808</i> unknown
	<i>GE26133</i>	<i>CG14907</i> unknown