

**Table S4 Information of Control Genes**

symbol	FBgn	gene functions
<i>jeb</i>	FBgn0086677	visceral mesoderm development
<i>CG8378</i>	FBgn0027495	negative regulation of transcription
<i>CG13178</i>	FBgn0033685	cilium assembly
<i>CG8878</i>	FBgn0027504	protein serine/threonine kinase; protein phosphorylation
<i>CG8407</i>	FBgn0033687	microtubule-based movement
<i>Oda</i>	FBgn0014184	cell differentiation; embryonic development
<i>wash</i>	FBgn0033692	GTPase binding; signal transductions; actin filament and microtubule bundles assembly
<i>CG33964</i>	FBgn0053964	unknown
<i>Cyp6t3</i>	FBgn0033697	oxidation-reduction process
<i>RpS11</i>	FBgn0033699	structural constituent of ribosome; translation; mitotic spindle organization
<i>Sr-CII</i>	FBgn0020377	scavenger receptor activity; defense response