

Materials List for:

# Induction and Diagnosis of Tumors in *Drosophila* Imaginal Disc Epithelia

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## Materials

Name	Company	Catalog Number	Comments
<b>Reagents</b>			
Phosphate buffered saline (PBS)	Wako	162-19321	
TritonX-100	Wako	168-11805	
Formaldehyde	Wako	064-00406	
bovine serum albumin	Sigma	A7906	
normal goat serum	Sigma	G6767	
mounting medium, Vectashield	Vector Laboratories	H-1000	
DAPI	Sigma	D9542	
mouse-anti-Dlg 4F3	Developmental Studies Hybridoma Bank	4F3 anti-discs large, RRID:AB_528203	dilute in PBTG, 1:40
mouse-anti-MMP1	Developmental Studies Hybridoma Bank	3A6B4, RRID:AB_579780	3 mixed 1:1:1 and dilute in PBTG, 1:40
mouse-anti-MMP1	Developmental Studies Hybridoma Bank	3B8D12, RRID:AB_579781	3 mixed 1:1:1 and dilute in PBTG, 1:40
mouse-anti-MMP1	Developmental Studies Hybridoma Bank	5H7B11, RRID:AB_579779	3 mixed 1:1:1 and dilute in PBTG, 1:40
mouse-anti- $\alpha$ -tubulin	Developmental Studies Hybridoma Bank	AA4.3, RRID:AB_579793	dilute in PBTG, 1:100
Alexa Fluor 546 Phalloidin	Molecular probes	A22283	dilute in PBS, 1:40
goat anti-mouse IgG antibody, Alexa Fluor 546	Molecular probes	A11030	dilute in PBTG, 1:400
<b>Name</b>			
<b>Company</b>			
<b>Catalog Number</b>			
<b>Comments</b>			
<b>Fly strains</b>			
<i>sd-Gal4</i>	Bloomington Drosophila Stock Center	#8609	recombined with <i>UAS-EGFP</i>
<i>upd-Gal4</i>	Bloomington Drosophila Stock Center	#26796	recombined with <i>UAS-EGFP</i>
<i>UAS-IgI-RNAi</i>	Vienna Drosophila RNAi center	#51247	
<i>UAS-scrib-RNAi</i>	Vienna Drosophila RNAi center	#105412	
<i>UAS-Ras<sup>V12</sup></i>	Bloomington Drosophila Stock Center	#64196	
<i>UAS-Yki<sup>3SA</sup></i>	Bloomington Drosophila Stock Center	#28817	
<i>hsFLP</i>	Bloomington Drosophila Stock Center	#6	
<i>Act&gt;CD2&gt;GAL4 (flip-out GAL4)</i>	Bloomington Drosophila Stock Center	#4780	recombined with <i>UAS-EGFP</i>
<i>UAS-EGFP</i>	Bloomington Drosophila Stock Center	#5428	X chromosome

<i>UAS-EGFP</i>	Bloomington Drosophila Stock Center	#6658	third chromosome
<i>UAS-Dicer2</i>	Bloomington Drosophila Stock Center	#24650	second chromosome
<i>UAS-Dicer2</i>	Bloomington Drosophila Stock Center	#24651	third chromosome
<i>vkg-GFP</i>	Morin et al. 2001		GFP protein trap