

Supplementary Table S1. Fly stocks. This table contains the details of all the *Drosophila melanogaster* stocks and/or transgenic lines used in this study.

Designation	Alternate designations	Source	Stock IDs and Additional Information	References
<i>hsFLP^{l22} ; ; Ubi-GFP, FRT80B</i>		1620 was from Leonie Quinn	Constructed by combining BDSC stocks: <i>w⁻ ; Ubi-GFP, FRT80B</i> (1620) and <i>hsFLP^{l22}, y⁻, w⁻ ; vasa-phiC31</i> (23649)	
<i>Ptp61F^Δ</i>		Coral Warr		Buszard et al., 2013
<i>FRT80B</i>		BDSC	2035	
<i>FRT82B</i>		BDSC	1988	
<i>y⁻, w⁻, eyFLP² ; Act>y⁺>GAL4, UAS-GFP ; FRT82B, tub-GAL80</i>	<i>MARCM82B</i>	Original stock was from Xianjue Ma	Constructed by combining MARCM stock from Xianjue Ma with BDSC stock: <i>eyFLP², w⁻, y⁻</i> (5580)	
<i>y⁻, w⁻, eyFLP² ; Act>y⁺>GAL4, UAS-GFP ; FRT82B, tub-GAL80, scrib^l</i>	<i>revMARCM82B</i>	Original stock was from Xianjue Ma	Constructed by combining BDSC stock 5580 with stock from Xianjue Ma	
<i>scrib^l</i>		David Bilder		Bilder & Perrimon 2000
<i>UAS-Ptp61F^{IsoB2.1}</i>	<i>Ptp61Fn^{2.1}, Ptp61Fn</i>	Coral Warr	Nuclear-localised isoform, 2 nd chromosome insertion (2.1)	Wu et al., 2011; Buszard et al., 2013

<i>UAS-Ptp61F^{IsoB4.1}</i>	<i>Ptp61Fn^{4.1}</i>	Coral Warr	Nuclear-localised isoform, 3 rd chromosome insertion (4.1)	Wu et al., 2011; Buszard et al., 2013
<i>equatorial-GAL4</i>	<i>eq-GAL4</i>	Henry Sun		Tang and Sun, 2002
<i>10×Stat92E-GFP</i>	<i>10×Stat-GFP</i>	Erica Bach		Bach et al. 2007
<i>UAS-myrRFP</i>	<i>UAS-RFP</i>	BDSC		
<i>eyFLP ; ; Actin>CD2>GAL4, UAS-GFP</i>	<i>EAG, eyFLPout, eyFLP ; Act>>GAL4</i>	Generated from combining eyFLP with the Act>>GAL4 UAS-GFP (obtained from Laura Johnston)		
<i>eyFLP ; UAS-Ras85D^{V12}, UAS-dlg1^{RNAi} (v41134) / CyO, tub-GAL80 ; Actin>CD2>GAL4, UAS-GFP</i>	<i>EAGRD</i>	Konrad Basler		Willecke et al., 2011
<i>UAS-Ptp61F RNAi</i>	<i>Ptp61F^{RNAi}</i>	VDRC	v37436	
<i>UAS-Stat92E RNAi</i>		VDRC	v43866	
<i>UAS-Socs44A RNAi</i>		VDRC	v102764	
<i>UAS-Socs36E RNAi</i>		VDRC	v52182	
<i>UAS-Dicer-2</i>	<i>Dcr2</i>	VDRC	v60009	
<i>UAS-luciferase RNAi</i>		BDSC	31603	