

**Supplementary Fig. 1:** Analysis of DMARCM clone number in the adult midgut

**a, b,** Distribution of actively proliferating cell lineages throughout the entire length of adult midgut analyzed 7 days following a single heat shock. Proliferating clones were defined as clusters of three or more GFP positive cells. Three independent trials were performed,  $n \geq 8$  guts per treatment group. **a, b,** Percentage of guts containing proliferating clones. High,  $\geq 30$  clones per gut; Medium, 15-30 clones per gut; low, 1-14 clones per gut. **a,** DMARCM. **b,** MARCM.

**Supplementary Table 1:** Analysis of DMARCM clone number in the adult midgut

		DMARCM					MARCM				
		Heat shock (min)					Heat shock (min)				
Clone number		0	15	30	45	60	0	15	30	45	60
% guts	0	100	39	0	0	0	100	74	14	21	0
	1-14	0	61	79	76	44	0	0	0	10	0
	15-29	0	0	21	24	56	0	0	5	32	0
	>30	0	0	0	0	0	0	26	81	37	100
n		19	23	24	17	16	14	23	21	19	8