

Additional File 2.

Supplementary Table 2: List of transgenic lines

Strategy	Construct	Transgenic lines
piggyBac	HMMA006 (embryonic driver, <i>attP</i>), Figs. 1B; 3A	06_F5M2 (attP#1)
	HMMA389 (spermatogenesis driver), Fig. 2A	389_F25M1
	HMMA185 (ϕ C31 RMCE docking), Fig. 3B	185_F3F1 (RMCE#1)
	HMMA223 (ϕ C31 RMCE self-docking), Fig. 4C	223_M3M2 (RMCE-sd#1) 223_F7M1 (RMCE-sd#2) 223_F5F1 (RMCE-sd#3) 223_M10F1 (RMCE-sd#4)
ϕC31-int	HMMA182 (single <i>attB</i> donor), Fig. 3A Injected into 06_F5M2 (attP#1)	attP#1_182_M12F1 attP#1_182_F8M1 attP#1_182_F15F1 attP#1_182_F25M1
ϕC31-RMCE	HMMA336 (RMCE donor TREp:Cas9), Fig. 3B Injected into 185_F3F1 (RMCE#1)	RMCE#1_336_M1M1 RMCE#1_336_M17F1 RMCE#1_336_M21M1 RMCE#1_336_M32M1 RMCE#1_336_M33F1 RMCE#1_336_M34M3 RMCE#1_336_F12F1 RMCE#1_336_F3F2