

	Genotype used
Figure 1	<i>y, w, UbxFLP ; FRT82Bttk^{le11} / FRT82B ubi-nls::GFP</i>
	<i>y, w, UbxFLP ; Ase(5)::GFP/+; FRT82 ttk^{le11} / FRT82B ubi-nls::GFP</i>
Figures 2 and 3	<i>y, w, UbxFLP ; FRT82B ttk^{le11} / FRT82B ubi-nls::GFP</i>
	<i>y, w, UbxFLP ; neur::GFP; FRT82B ttk^{le11} / FRT82B ubi-nls::GFP</i>
Figure 4	<i>y, w, UbxFLP ; cycE^{AR95/+}, FRT82Bttk^{le11} / FRT82B ubi-nls::GFP</i>
	<i>y, w, UbxFLP ; cycE::lacZ-4.6WT/+; FRT82B ttk^{le11} / FRT82B ubi-nls::GFP</i>
	<i>y, w, UbxFLP ; cycE::lacZ-4,6m/+; FRT82B ttk^{le11} / FRT82B ubi-nls::GFP</i>
Figure 5	<i>y, w, UbxFLP ; FRT82B ttk^{le11} / TM6</i>
	<i>y, w, UbxFLP ; cycE::lacZ-D/+; FRT82B ttk^{le11} / FRT82B ubi-nls::GFP</i>
	<i>y, w, UbxFLP ; cycE::lacZ-ΔD/+; FRT82B ttk^{le11} / FRT82B ubi-nls::GFP</i>
Figure 6	<i>UAS-His::YFP ; neur^{p72}</i>
	<i>UAS-His::YFP; neur^{p72}, tub-Gal80^{ts}</i>
	<i>UAS-His::YFP / UAS-ttk69; neur^{p72}, tub-Gal80^{ts}</i>
Figure 7	<i>y, w, UbxFLP ; FRT82B ttk^{le11} / FRT82B ubi-nls::GFP</i>
	<i>y, w, UbxFLP ; FRT40A ham¹; FRT82B ttk^{le11} / FRT82B ubi-nls::GFP</i>
Figure S2	<i>cycE-lacZ-4.6</i>
	<i>cycE-lacZ-4,6m</i>
	<i>cycE-lacZ-ΔAC</i>
	<i>cycE-lacZ-ΔB</i>
	<i>cycE::lacZ-ΔD</i>
	<i>cycE::lacZ-D</i>
Figure S3	<i>UAS-His::YFP ; neur^{p72}, tub-Gal80^{ts}</i>
	<i>UAS-His::YFP ; neur^{p72}, tub-Gal80^{ts} / UAS-ham</i>
	<i>UAS-His::YFP / UAS-HA::seq; neur^{p72}, tub-Gal80^{ts}</i>
	<i>y, w, UbxFLP ; FRT40A ham¹ / FRT40A ubi-nls::GFP</i>
	<i>y, w, UbxFLP ; FRT42 seq^{A41} / FRT42 ubi-nls::GFP</i>
Figure S4	<i>UAS-Mep1GL00319; UAS-His::YFP; neur^{p72}</i>
	<i>UAS-Mep124534; UAS-His::YFP; neur^{p72}</i>
	<i>UAS-His::YFP; neur^{p72} / UAS- trlGL00699</i>
	<i>UAS-His::YFP; neur^{p72} / UAS-trIHMS02188</i>
	<i>UAS-Mi-2^{RNAi} / UAS-His::YFP; neur^{p72}</i>
	<i>UAS-Mi-2^{RNAi} / UAS-His::YFP; neur^{p72} / FRT82B ttk^{le11}</i>
Movies S1	<i>neur::GFP</i>
Movies S2 and S3	<i>y, w, UbxFLP ; neur::GFP; FRT82B ttk^{le11} / FRT82B ubi-nls::GFP</i>

Table S1. Fly genotypes. Fly genotypes used in each figure.