

Table S1. Genotypes of fly strains

Figure 1C	<i>trol:GFP/+; esg-GAL4 UAS-tdTomato/+</i>
Figure 1D	<i>Oregon-R</i>
Figure 2	<i>Oregon-R</i>
Figure 3B, C	<i>esg-GAL4 UAS-GFP CG6967[KI, smGFP-HA]/+</i>
Figure 3D	<i>esg-GAL4 UAS-GFP CG6967[KI, smGFP-HA]/MyoIA-lacZ</i>
Figure 4A	<i>esg-GAL4 UAS-GFP tub-GAL80[ts]/+; UAS-FLP Act>CD2>GAL4/+</i>
Figure 4A	<i>esg-GAL4 UAS-GFP tub-GAL80[ts]/+; UAS-FLP Act>CD2>GAL4/UAS-CG6967</i>
Figure 4C	<i>w[1118]</i>
Figure 4C	<i>CG6967[KO, tdTomato]/CG6967[18]</i>
Figure 5A	<i>AGO1:GFP/esg-lacZ</i>
Figure 5C	<i>esg-GAL4 UAS-tdTomato/+; tub-GAL80[ts]/+</i>
Figure 5D	<i>esg-GAL4 UAS-tdTomato/UAS-AGO1[RNAi, TRiP.HMC03509]; tub-GAL80[ts]/+</i>
Figure 5E	<i>esg-GAL4 UAS-tdTomato/+; tub-GAL80[ts]/+</i>
Figure 5E	<i>esg-GAL4 UAS-tdTomato/UAS-AGO1[RNAi, TRiP.HMC03509]; tub-GAL80[ts]/+</i>
Figure 6D	<i>Dad:GFP/MyoIA-lacZ</i>
Figure 6E	<i>MyoIA-GAL4/+; tub-GAL80[ts]/+</i>
Figure 6E	<i>MyoIA-GAL4/+; tub-GAL80[ts]/UAS-Dad[RNAi, TRiP.HMS01102]</i>
Figure 6F	<i>esg-GAL4 UAS-GFP tub-GAL80[ts]/+; UAS-FLP Act>CD2>GAL4/+</i>
Figure 6F	<i>esg-GAL4 UAS-GFP tub-GAL80[ts]/+; UAS-FLP Act>CD2>GAL4/UAS-CG6967</i>
Figure 6F	<i>esg-GAL4 UAS-GFP tub-GAL80[ts]/UAS-Dad; UAS-FLP Act>CD2>GAL4/UAS-CG6967</i>
Figure 6F	<i>esg-GAL4 UAS-GFP tub-GAL80[ts]/+; UAS-FLP Act>CD2>GAL4/UAS-CG6967 UAS-Dad[RNAi, TRiP.HMS01102]</i>
Figure 6G	<i>w[1118]</i>
Figure 6G	<i>CG6967[KO, tdTomato]/CG6967[18]</i>
Figure 6G	<i>CG6967[KO, tdTomato] tkv[7]/CG6967[18]</i>
Figure 7A	<i>Oregon-R</i>
Figure 7B	<i>esg-GAL4 UAS-GFP tub-GAL80[ts]/+; UAS-FLP Act>CD2>GAL4/+</i>
Figure 7B	<i>esg-GAL4 UAS-GFP tub-GAL80[ts]/ UAS-LUC-mir-1; UAS-FLP Act>CD2>GAL4/+</i>
Figure 7B	<i>esg-GAL4 UAS-GFP tub-GAL80[ts]/ UAS-miR-1SP attP40; UAS-FLP Act>CD2>GAL4/ UAS-miR-1SP attP2</i>
Figure S1A, B	<i>CG6967[KI, smGFP-HA]/ CG6967[KI, smGFP-HA]</i>
Figure S2	<i>AGO1:GFP[CA06914]/ CG6967[KI, smGFP-HA]</i>
Figure S3B	<i>ap-GAL4 Dad:GFP/+</i>
Figure S3C	<i>ap-GAL4 Dad:GFP/+; UAS-Dad[RNAi, TRiP.HMS01102]/+</i>
Figure S4A	<i>w[1118]</i>
Figure S4A	<i>CG6967[KO, tdTomato]/CG6967[18]</i>
Figure S4B	<i>esg-GAL4 UAS-tdTomato/+; tub-GAL80[ts]/+</i>
Figure S4B	<i>esg-GAL4 UAS-GFP tub-GAL80[ts]/+; UAS-FLP Act>CD2>GAL4/UAS-CG6967</i>