Supplemental Table S1. Regulation of RNase X25 expression under nutritional stress or other conditions, obtained from public databases or the literature

Sample source	Treatment/condition	Expression	Reference
2 nd instar larvae	Fed w/ sugar	No Change ¹	Zinke et al., 2002
2 nd instar larvae	Starvation	No Change ¹	Zinke et al., 2002
y w flies	Fed w/ yeast	Downregulated ²	Gershman et al., 2007
3 rd instar W ¹¹¹⁸ larvae	Fed w/ wheat germ agglutinin	Upregulated	Li et al., 2009
3 rd instar W ¹¹¹⁸ larvae	Starvation	No Change	Li et al., 2009
2 nd instar larvae	Starvation	Upregulated	Palanker et al., 2009
Oregon R adults	Fed w/ pyrethrum	Upregulated	Jensen et al., 2006
Cultured Kc167 cells	Treated w/ Ecdysone	Downregulated	Akdemir et al., 2007
Cultured Kc167 cells	Exposed to γ-ray	Upregulated	Akdemir et al., 2007

Footnotes

References

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¹ Only transcripts with 4 fold or more change in expression were reported.

² In this experiment, flies were yeast-deprived for 4 days and then refed with yeast-containing media. Thus, downregulation upon refeeding could indicate upregulation of *RNase X25* during the low nutrient period.