

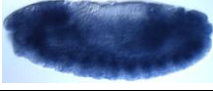
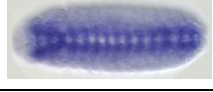



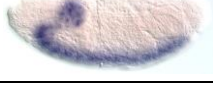



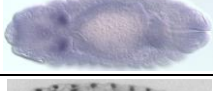
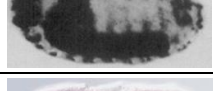

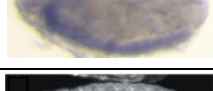
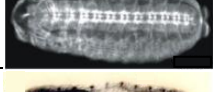







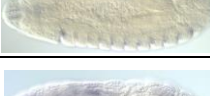

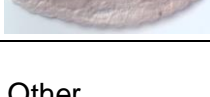



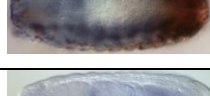

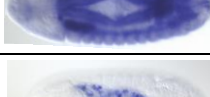
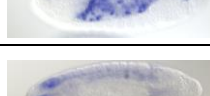



Gene Name	Expression Pattern	Expression	RNA-edited	3' UTR extension	Citation
<i>Appl</i>		CNS, Brain, Ventral nerve cord			
<i>Atpa*</i>		CNS, Ventral nerve cord	Yes [§]		Brody et al., (2002) Mech. Dev.113 41-59
<i>CaMKII</i>		CNS, ubiquitous		Yes	
<i>CG42748</i>		CNS, Brain, Ventral nerve cord	Yes [§]		
<i>dlg1</i>		CNS, Ventral nerve cord		Yes	
<i>Dscam</i>		CNS, Brain, Ventral nerve cord		Yes	
<i>gish</i>		CNS, brain, ventral nerve cord, ubiquitous		Yes	
<i>GluCla</i>		CNS, Brain, Ventral nerve cord	Yes [§]		
<i>heph</i>		CNS, Brain, Ventral nerve cord	Yes	Yes	
<i>Imp</i>		CNS, Brain, ventral nerve cord, ubiquitous		Yes	
<i>kis</i>		CNS, Brain, ventral nerve cord	Yes [§]		Daubresse et al., (1999) Development 126: 1175-1187
<i>pan</i>		CNS, Brain		Yes	
<i>para</i>		CNS, Brain, ventral nerve cord, PNS	Yes [§]		Hong and Ganetsky (1994)J of Neuroscience 14:5160-5169
<i>Rim</i>		CNS, ventral nerve cord, PNS	Yes [§]	Yes	
<i>Sap47</i>		CNS, ventral nerve cord, PNS	Yes	Yes	
<i>scrib</i>		CNS, ventral nerve cord, PNS			Li et al. (2001) Mech. Dev. 108:185-190.
<i>shot</i>		CNS, brain, ventral nerve cord	Yes [§]		Lee, S. et al. (2000) J. Neurosci. 20:1096-1108
<i>slo</i>		CNS, brain, ventral nerve cord, PNS	Yes [§]	Yes	Becker et al., Neuroscience (1995), 15:6250-6259

<i>Syp</i>		CNS, ventral midline cells	Yes		
<i>tutI</i>		CNS, brain, ventral nerve cord, ventral	Yes [§]	Yes	
<i>unc-13</i>		CNS, brain, ventral nerve cord	Yes [§]	Yes	Aravamudan et al., Nature Neuroscience 1999, 2:965-71
<i>rg</i>		CNS, brain, ventral nerve cord, lateral cord			
<i>CAP</i>		PNS, dorsal lateral sensory complex	Yes [§]		
<i>lap</i>		PNS, dorsal lateral sensory complex	Yes [§]	Yes	
<i>rdgA</i>		PNS, Photoreceptor bundles that		Yes	
<i>CG43729</i>		SNS, stomatogastric nervous system			
Other					
<i>cic</i>		Ectoderm, Ubiquitous		Yes	
<i>CG34417</i>		Muscle system			
<i>E(bx)[†]</i>		Ubiquitous			
<i>Mhc[*]</i>		Muscle system	Yes [§]		
<i>Mtd[l(3)82 Fd]</i>		Endoderm, midgut		Yes	
<i>ps</i>		Endoderm, mesoderm, salivary gland	Yes [§]	Yes	
<i>l(1)G0196</i>		Plasmacytes A, yolk nuclei	Yes [§]		
<i>dp</i>		Pericardial cell, digestive system			

No whole-mount embryonic images: *A2bp1*, *CaMKI* (3' UTR extension), *CG32000*, *CG42492* (RNA-edited[§]), *cpx* (RNA-edited[§], 3' UTR extension), *Mbs* (3' UTR extension), *mim*, *Sh* (RNA-edited[§], 3' UTR extension), *SK* (RNA-edited[§]), *Dscam* (3' UTR extension)

*Cartoon of embryo with CNS expression from embryonic file Brody *et al.*, 2002.

†Antibody expression in *Tab/+* embryos; wild-type myosin (blue) and muscle attachment sites (brown).

‡ Also in the Ubiquitous class, are: *Nedd4* (3' UTR extension), *Patronin* and *Sxl* (3' UTR extension)

§ Validated in: St Laurent G., *et al.* "Genome-wide analysis of A-to-I RNA editing by single-molecule sequencing in *Drosophila*." *Nature Structural & Molecular Biology*. doi:10.1038/nsmb.2675 (2013).