



Supplemental Digital Content 2: *syx227* is absent from soluble n-ethylmaleimide sensitive factor attachment protein receptor (SNARE) complexes under isoflurane. Western blots of fly head samples taken under isoflurane (2mM) perfusion, probed for the presence of the truncated syntaxin1A protein in the SNARE complex. Left: a syntaxin1A antibody (8c3) identifies the endogenous protein in all samples (black arrowhead) and the longer full-length construct (due to the attached human influenza hemagglutinin (HA) tag, red arrowhead). Light red arrowhead shows syntaxin1A in SNARE complexes. Right: a HA antibody identifies the co-expressed full-length (*syxFL*, red arrowhead) and truncated (*syx227*, orange arrowhead) proteins. HA labelling can be seen in the SNARE complex (~100 kilodalton (kDa) smear) when the full-length protein is expressed, but completely absent when the truncated protein is expressed.