

***Drosophila melanogaster* CG15760 is a candidate invertebrate Shisa-like protein**

MWLRPSPSHTNALQCLLLSLFLLLGLLPANVSARFCEGCTQGCTQGCCPPYQGGPRPLPPSSDSHVLNL
FFATHWFFWCVVVAIILAILCAYSLWKKRRTLCGWGFNEHHTQSEGDSAGSCYA^{PPQY}SRCNSFHHP^{PPP}
^YTEVTSK^{PDLY}PLVFTCNDSGNGKNGSSSYLMSQSDQHFRYMANSSSSLSDFVNNSCVAGMLPESGG
AGGAFHGAESGATQAASLNLSLAMGGLGGSVTGAAGTSGGSGTPVIYSNGCIQPNPLHSLENCQPSAQV
SGVSSLANIGTPGSPPQATSPTGEVREILDQIRQLQAGVSYEQLLLNGTGAKPRLQHTLSTPSNSQQVLQ
PILTTSASISGGTSGRSKKFFTSGSKTQPNKALYIPMAAIGGSGSGAQRCVLKSPVSSVVSGASFFVNRG
RVARKGWITRSAP^{TP}PGSALPPNRLGDDSP^{LL}LLNEHDEDAID^{DE}DEE^QEVVDRQRNHQETQRGHEDTDS
ETEAEARNHRRQHRHHRGHRGHRRGQLE

^{CEGCTQGCCCTQGCC}: Six cysteine motif characteristic of Shisa-like proteins

^{WFFW}: motif consisting of four aromatic residues found in Shisa-like proteins

^{PPPY}: PY motifs

Putative signal sequence

Transmembrane domain