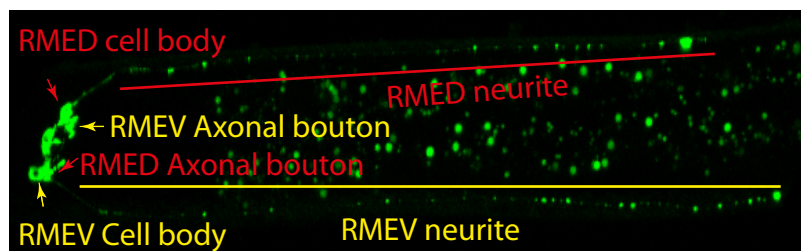
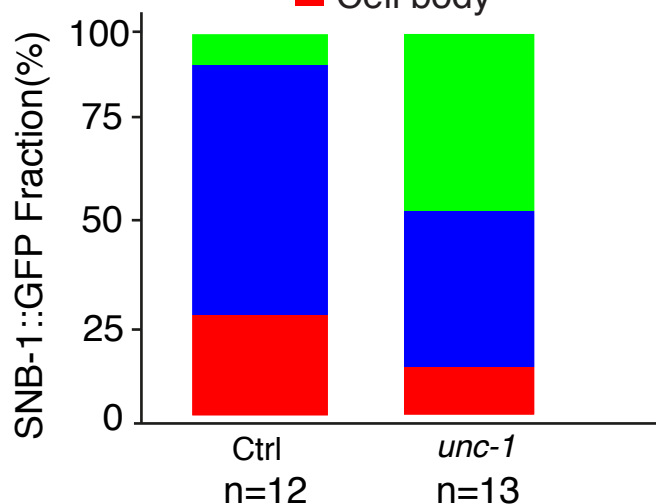


A



■ D/V
■ Axonal bouton
■ Cell body



B

<i>H. sapiens</i> -NP_004090.4	-----
<i>M. musculus</i> AAC64173.1	-----
<i>D. melanogaster</i> AFH04298.1	MPDSMMDMEHRDHLHRQQQQSHHHQPPRLTASTSTFAPPAPAGSQSEERDRDRDRERDH
<i>C. elegans</i> NP_509202.1	-----
<i>H. sapiens</i> -NP_004090.4	-----
<i>M. musculus</i> AAC64173.1	-----
<i>D. melanogaster</i> AFH04298.1	HLHHHQSNNVASSPLPVTASIQLHQQQPQQQQQQQPLTQLQQPQLREREHHQQQQQQQQQ
<i>C. elegans</i> NP_509202.1	-----
<i>H. sapiens</i> -NP_004090.4	-MAEKRHTRDSEA--QRLPDSFK-----DSPS
<i>M. musculus</i> AAC64173.1	-MSVKRQSSSHVQS--QRIPESFR-----ENSK
<i>D. melanogaster</i> AFH04298.1	MMQQPQQQQQQMQQPQQQLPHSHHALMQSQQQQA I HRAEARRD TQAKHSHGFLYSDEEIS
<i>C. elegans</i> NP_509202.1	-MSNKERTEPQWVTPSSNQDVPP-----DYE
<i>H. sapiens</i> -NP_004090.4	KGLGPCGWILVAFSFLFTVITFPISIWMCIKIKEYERAII FRLGRILQGGAKGPGLF FFI
<i>M. musculus</i> AAC64173.1	TELGAAGWILVAASFFVVIITFPISIWMCIKIVKEYERVII FRLGRILQGGAKGPGLF FFI
<i>D. melanogaster</i> AFH04298.1	DKASTCGKLLIFLSVALVIMTLFPFSLFVCFKVVQYEYERAVI FRLGRILMQGGAKGPGI FFI
<i>C. elegans</i> NP_509202.1	TIGTIFGYALQALSWLIIIVTFPFSMCVCLKVIKEYERVVIFRIGRLVFGGARGPGLFI
<i>H. sapiens</i> -NP_004090.4	LPCTDSFIKVD MRTISFDIP PQEILTKDSVTISVDGVVYRVQ NATLAVANITNADSATR
<i>M. musculus</i> AAC64173.1	LPCTDSL IKVD MRTISFDIP PQEVLTKDSVTISVDGVVYRVQ NATLAVANITNADSATR
<i>D. melanogaster</i> AFH04298.1	LPCIDSYARVDLRTRTYDVPPQEVLT KDSTVSVDVAVVYRVSNATVS IANVENAHHSTR
<i>C. elegans</i> NP_509202.1	IPCIDTYRKIDLRVVSYPVPPQEILSKDSVTVSVDVAVVYFR TSDPIASVNNVDDAIYSTK
<i>H. sapiens</i> -NP_004090.4	LLAQTTLRNVLG TKNLSQILSDREEIAHNMQSTLDDATDAWG I KVERVEIKDVKLPVQLQ
<i>M. musculus</i> AAC64173.1	LLAQTTLRNALG TKNLSQILSDREEIAHNMQSTLDDATD DWG I KVERVEIKDVKLPVQLQ
<i>D. melanogaster</i> AFH04298.1	LLAQTTLRNLTMGTRHLHEILSERMTISGTMQVQLDEATDAWG I KVERVEIKDVRLPVQLQ
<i>C. elegans</i> NP_509202.1	LLAQTTLRNALGMKTLTEMLTEREAI AQLCETILDEGTEHWGVKVERVEVKD IRLPQQLT
<i>H. sapiens</i> -NP_004090.4	RAMAAEAEASREARAKVIAAEGEMNASRALKEASMVITESPAALQLRYLQTLTTIAAEKN
<i>M. musculus</i> AAC64173.1	RAMAAEAEAAAREARAKVIAAEGEMNASRALKEASMVITESPAALQLRYLQTLTTIAAEKN
<i>D. melanogaster</i> AFH04298.1	RAMAAEAEAAAREARAKVIAAEGEQKASRALREASEVIGDSPAALQLRYLQTLNTISAEKN
<i>C. elegans</i> NP_509202.1	RAMAAEAEAAAREARAKVIAAEGEQKASRALKEAADVIQANPVALQLRHQLALNSIAAEHN
<i>H. sapiens</i> -NP_004090.4	STIVFPLPIDMLQGGIIGAKHSHLG-----
<i>M. musculus</i> AAC64173.1	STIVFPLPVDMLQGGIMGSNH-----
<i>D. melanogaster</i> AFH04298.1	STIVFPLPIDLITYFLKTNEATTQQNARAAAAAIGNTPPPLQLAPQQQMGGQQQPQYQQP
<i>C. elegans</i> NP_509202.1	STIVFPVPVEMFGAFMKKDQ-----
<i>H. sapiens</i> -NP_004090.4	-----
<i>M. musculus</i> AAC64173.1	-----
<i>D. melanogaster</i> AFH04298.1	QQQQQQYQPQQQQQQQQQQPQQQDQLYQQGQQISSAM
<i>C. elegans</i> NP_509202.1	-----

ju1057(A to V)

Figure 1- S1