

Supplementary Fig. 9. Partial amino acid sequences of the pQPPGAWamide preprohormones in staurozoans. The sequences are highlighted as in Supplementary Fig. 1.

Calvadosia cruxmelitensis

>Ccr AWamide

MHVILSLLLVFIVNHMT EAGSHHHDNLGPMPPAIRKEIDEIYEDMISKELNEDLPDIYDKRENQPPGAWGKRE
NQPPGVWGKRENQPPGAWGKRENQPPGAWGKRENQPPGAWGKRENHQPAGWGKRENQPGAWGKRENQPPGVWG
KRENQPPGVWGR

Haliclystus auricula

>HAHA01038762.1 TSA: Haliclystus auricula, contig
TRINITY_DN7857_c0_g2_i1, transcribed RNA sequence

QPPGVWGKRMENQPPGVWGKRENQPPGVWGKRENQPPGVWGKRENQPPGVWGKRENQPPGVWGKRENKRENQPP
GVWGKRENQPPGVWGKRENQPPGVWGR

Haliclystus sanjuanensis

>HAHB01030546.1 TSA: Haliclystus sanjuanensis, contig Hsan.30546,
transcribed RNA sequence

RENQPPGVWGKRDNQPPGVWGKRENQPPGVWGKRDNQPPGVWGKRENQPPGVWGKRDNQPPGVWGKRENQPPG
VWGKRENKKNQPPGVWGKRENQPPGVWGKRENQPPGVWGKRENQPPGVWGKRENKRENQPPGVWGKRENQPP
GVWGKRENKRENQPPGVWGKRENQPPGVWGR

Craterolophus convolvulus

>HAGZ01008087.1 TSA: Craterolophus convolvulus, contig
Convo_TRINITY_DN5429_c0_g1_i1, transcribed RNA sequence

EIDDLYEIEIFGKEEDKKVSDVLDLRRENQPPGVWGKRENQPPGVWGKRENQPPGVWGKRENQPPGVWGKRENQPP
PGVWGKRENQPPGVWGKR

Lucernaria quadricornis

>HAHD01030305.1 TSA: Lucernaria quadricornis, contig
TRINITY_DN14230_c0_g4_i1, transcribed RNA sequence

MSNCLLASLALVFLSHYIEAYEHAEDLSRPLPPSIRKEIDDLIDEVMRRTEESHYSAGEKRESQPGRSGKREN
QLPTGTWGKREKIPTGVWGKRENQPPKGTWGRQDIPTGVWGKRENQPPKGTWGRQDIP