

Supplementary Fig. 8. Partial amino acid sequences of the GRFamide preprohormones in staurozoans. The sequences are highlighted as in Supplementary Fig. 1.

Calvadosia cruxmelitensis

>HAHC01044519.1 TSA: Calvadosia cruxmelitensis, contig
Ccruz.17646.c0_g1_i1, transcribed RNA sequence

MNLLQYSAAIILLVSLAHCM PGH SKRDHVIEEIDEIDEVDDREM HSTHDENERRENHHDDEEKRGAEPRATI
EHTRGLDERREIIEH DTEHEKRN LGAREAKEQFLRGFRFSREMEEQFLRGFRGREALSQFLKGRFGRESEDOFL
RGRFGRESMEQFLKGRFGRESESQFLRGFRGREAMEQFLRGFRFSRELEEQFLRGFRGREMEEQFLKGRFGRED
MEQFLRGFRGRSSDEGSSNELREYFAASRYHNGDADSQAYEDKRSLQMKK

Haliclystus auricula

>HAAH01071884.1 TSA: Haliclystus auricula, contig
TRINITY_DN13894_c0_g1_i2, transcribed RNA sequence

RGRFGREMEEQFLRGFRGREDMEQFLRGFRGRELEGQFLRGFRGRESEDQFLRGFRGREQFLRGFRGRETEDQ
FLRGFRGREDMAQFLRGFRGREVEEQFLRGFRGREDMEQFLRGFRGRENHGKESREFYAARIDDDYDTNEK
RSTP

Haliclystus sanjuanensis

>HAHB01040451.1 TSA: Haliclystus sanjuanensis, contig Hsan.40451,
transcribed RNA sequence

MKATCLLVLLCAIISIQC LPHNKRALEDHVVEEIDEIDEQDKRDAKRTSHESNTKREDDHHNEDRREQFLRGFR
FGREMEEQFLRGFRGREDMEQFLRGFRGRELEEQFLRGFRGREKEEQFLRGFRGREQFLRGFRGREMEGQFLR
GRFGREDMAQFLRGFRGREMEEQFLRGFRGREDMEQFLRGFRGRENHGKESREFYAARIDDDGYDADEKRST
QLK

Craterolophus convolvulus

>HAGZ01051122.1 TSA: Craterolophus convolvulus, contig
Convo_TRINITY_DN6267_c0_g2_i1, transcribed RNA sequence

MNFVVLWMAIGLMSTAAHGLPAQDKRSAAEHVIEEIDEIDE TDERESH PGGE EKRSHEPRGMVEHTRSENER
REHAHHDESH EERS SHPDREAREQFLRGFRGREGMSQFLRGFRGREDEEQFLRGFRGREDMEQFLRGFRGRE
MHQFLRGFRGREDEEQFLRGFRGRELEAQFLRGFRGREAMHELLRETYGHNHDEEGKELREFVSARYDSGEAD
SRHYDDKRSLHGERK

Lucernaria quadricornis

>HAHD01021334.1 TSA: Lucernaria quadricornis, contig
TRINITY_DN15109_c1_g3_i1, transcribed RNA sequence

MSDHVIEVDEIDEDIDRETERKEATDEPRAATEDERSMHEKRHTSDSERTTREA AEQFLRGFRGREAVAQFLR
GRFGRETEEQFLRGFRGREAVAQFLRGFRGRETEEQ