

Figure 1

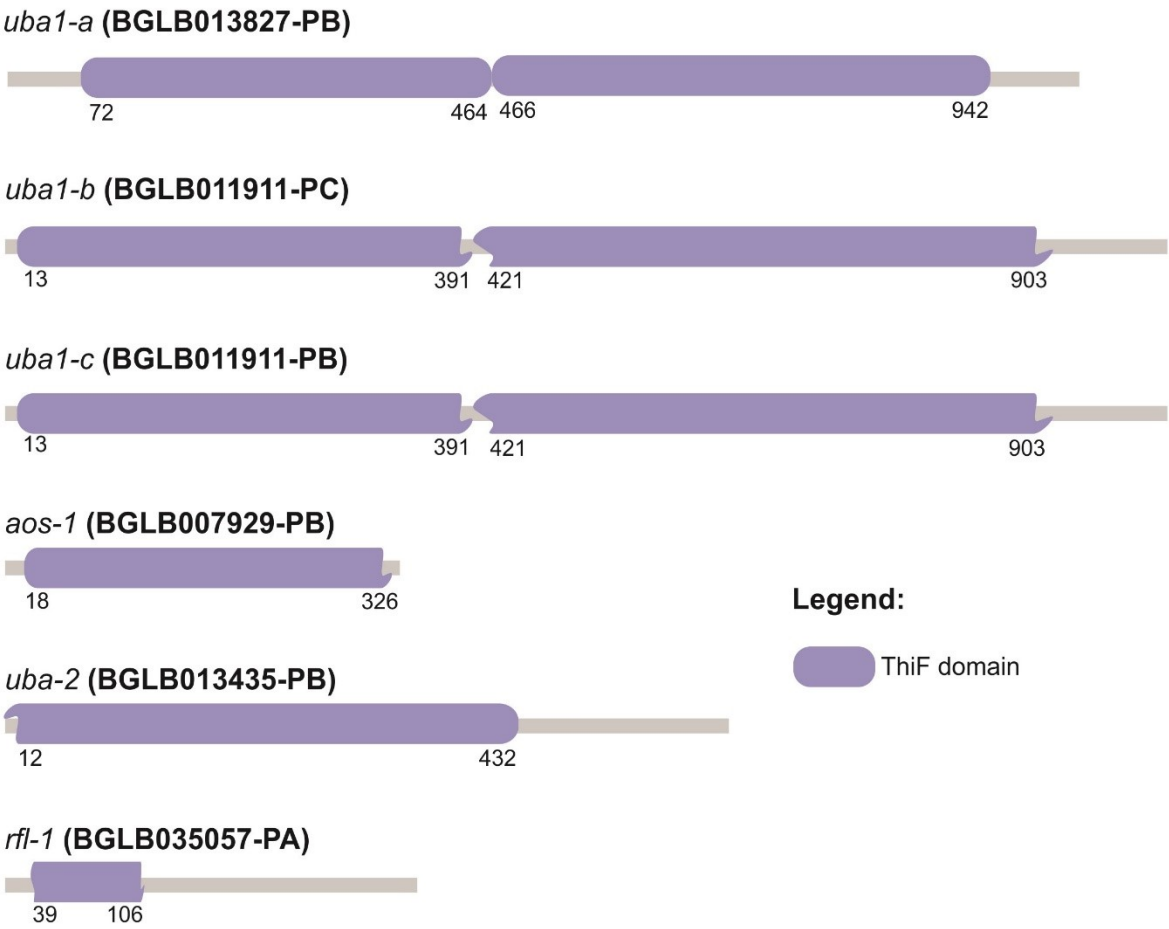


Figure 2

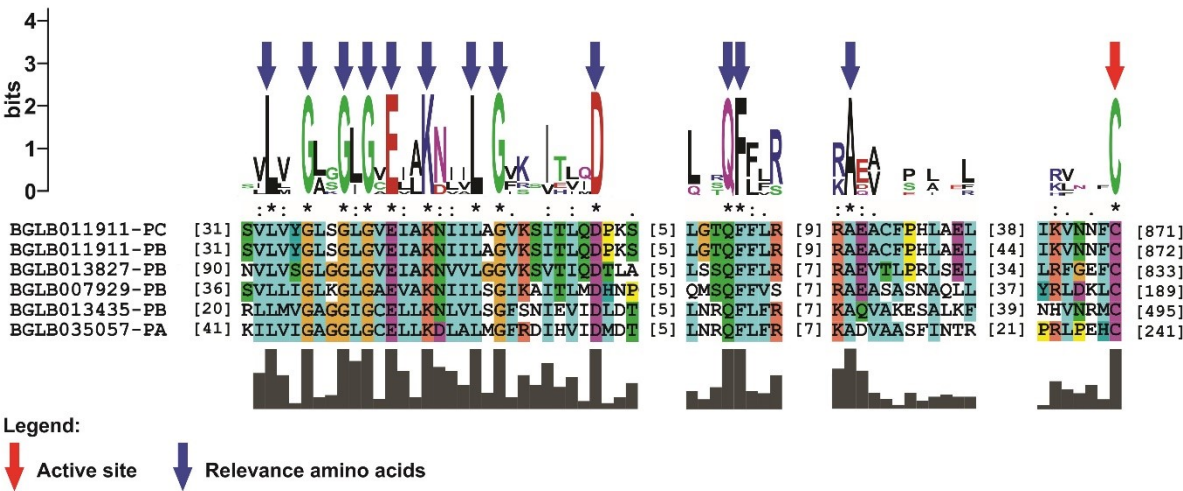


Figure 3

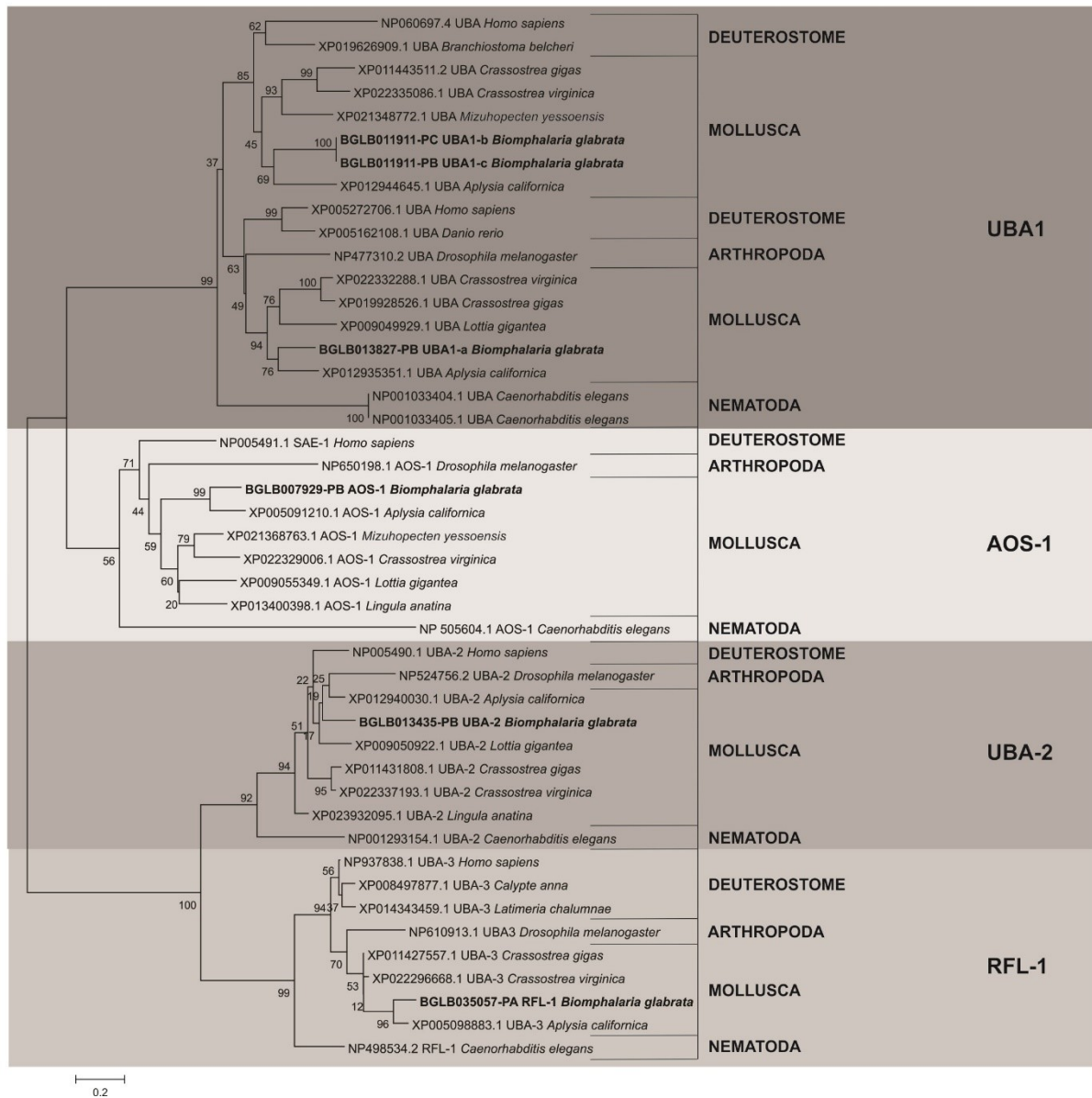


Figure 4



Figure 5

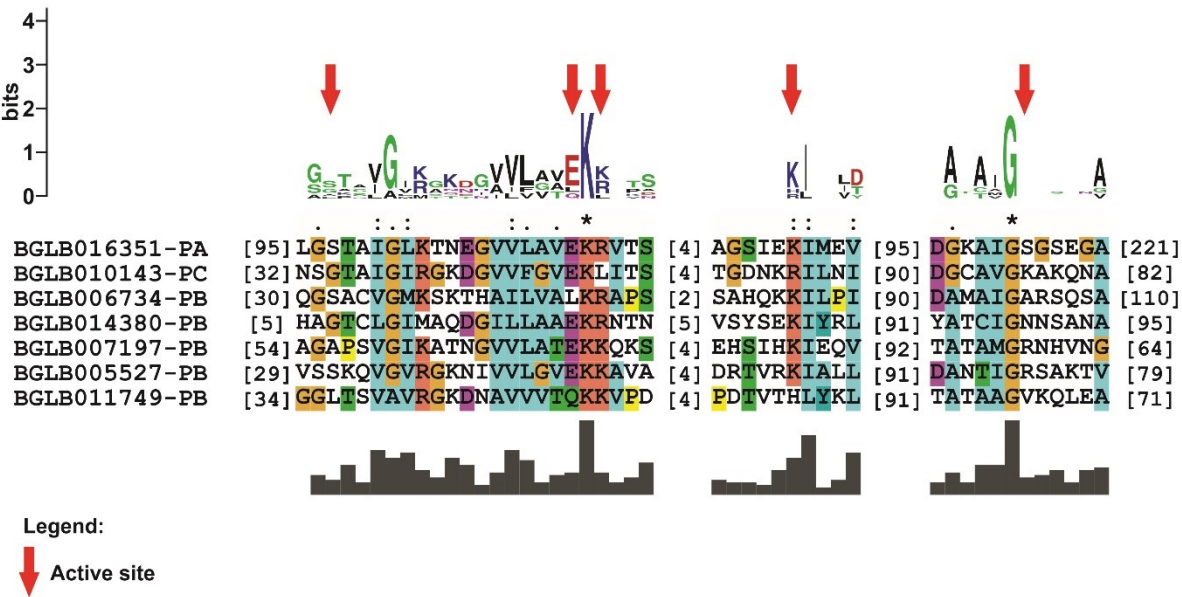


Figure 6

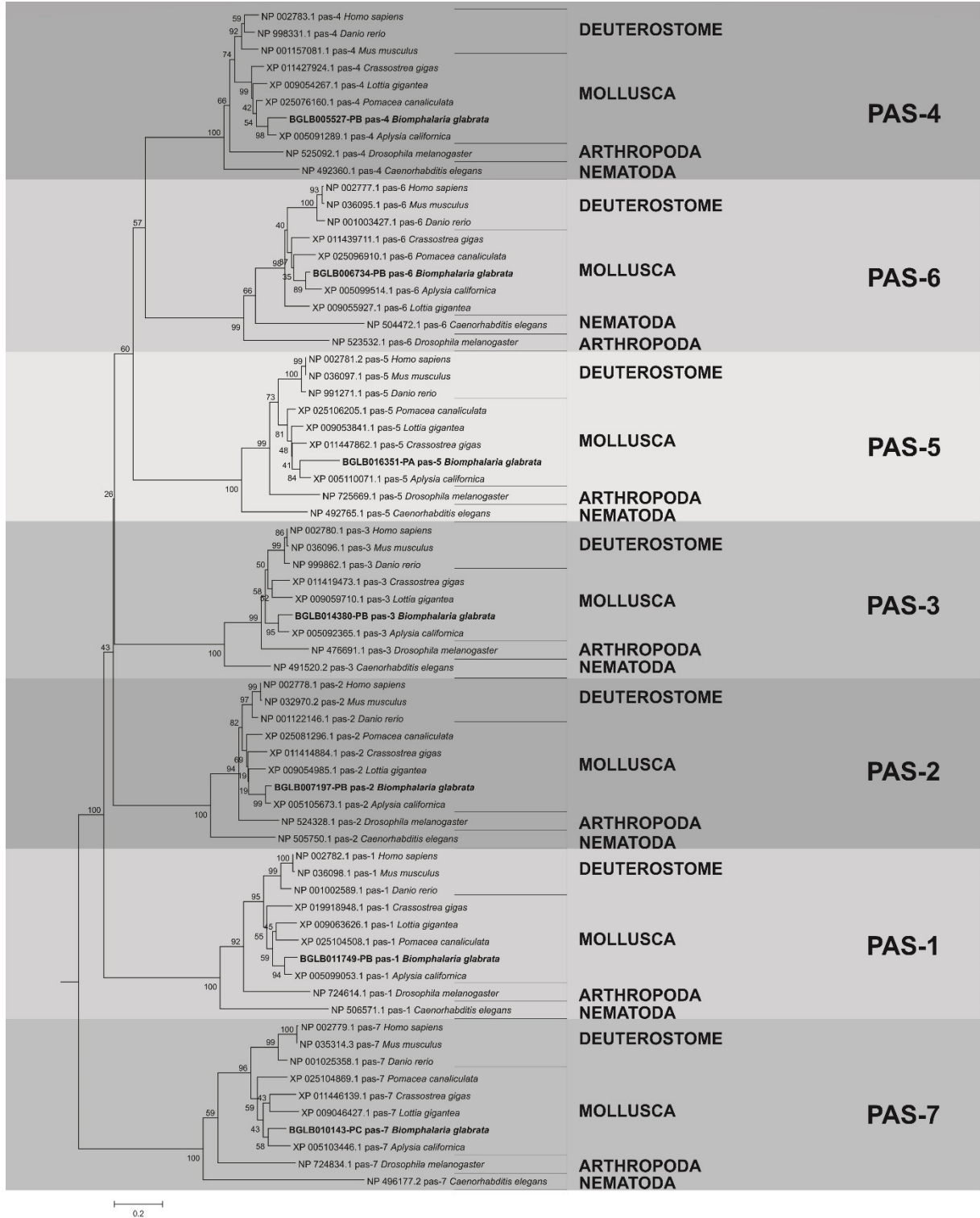


Figure 7

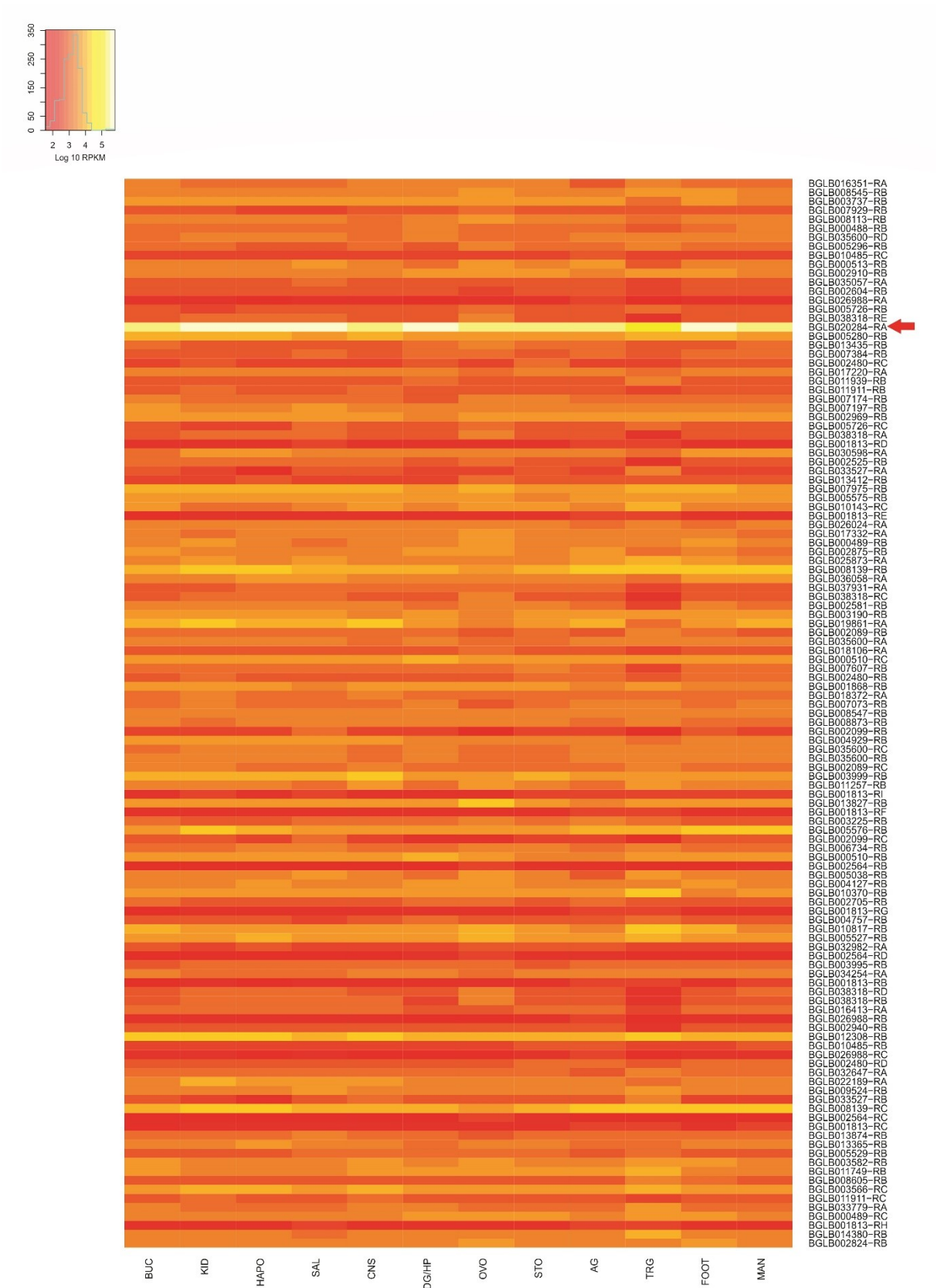


Figure S1

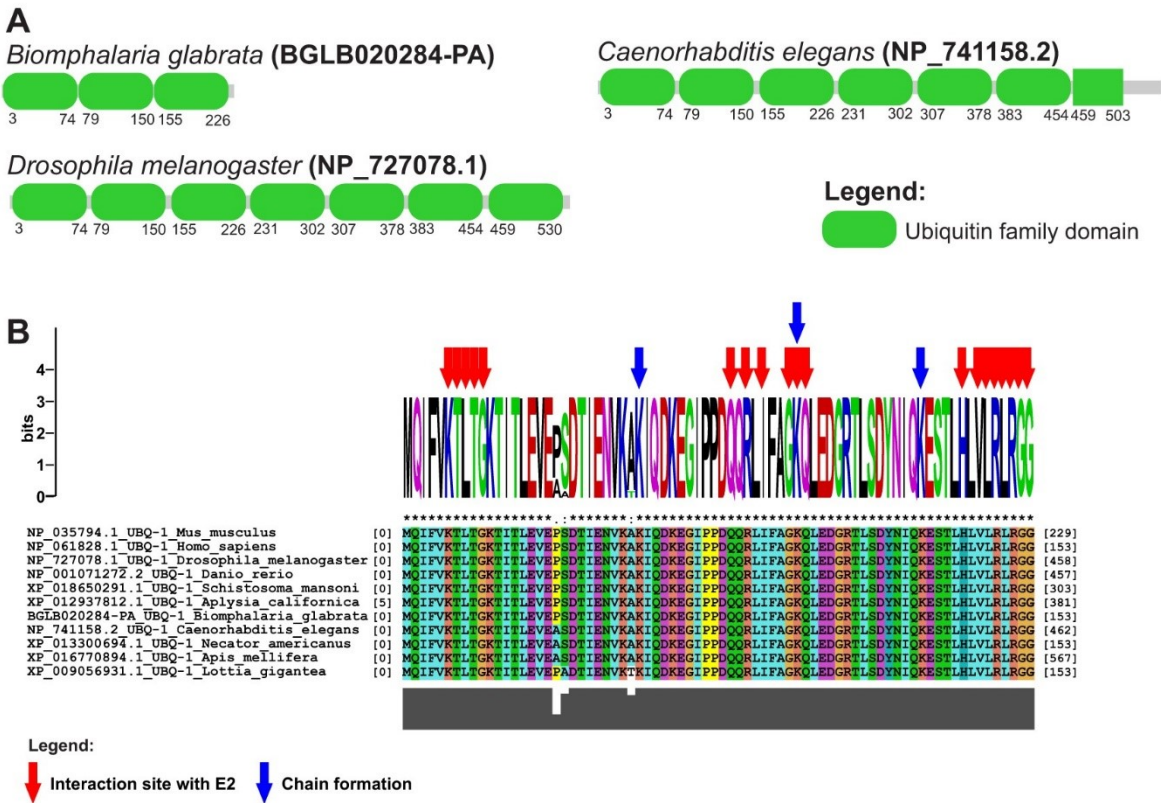


Figure S2

A



B

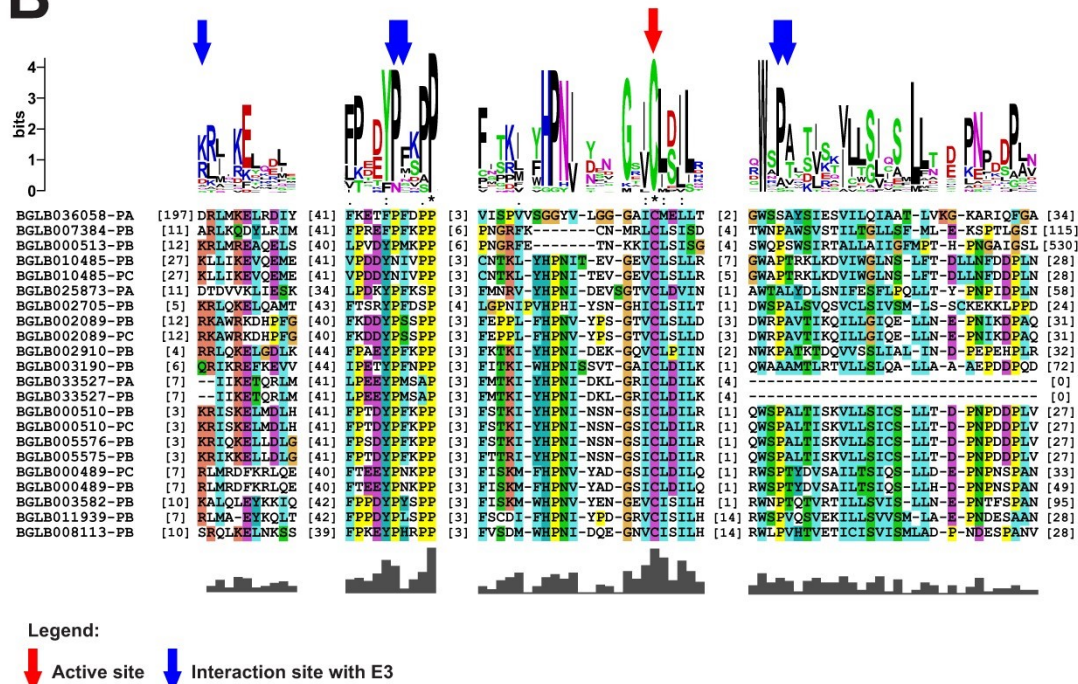


Figure S3

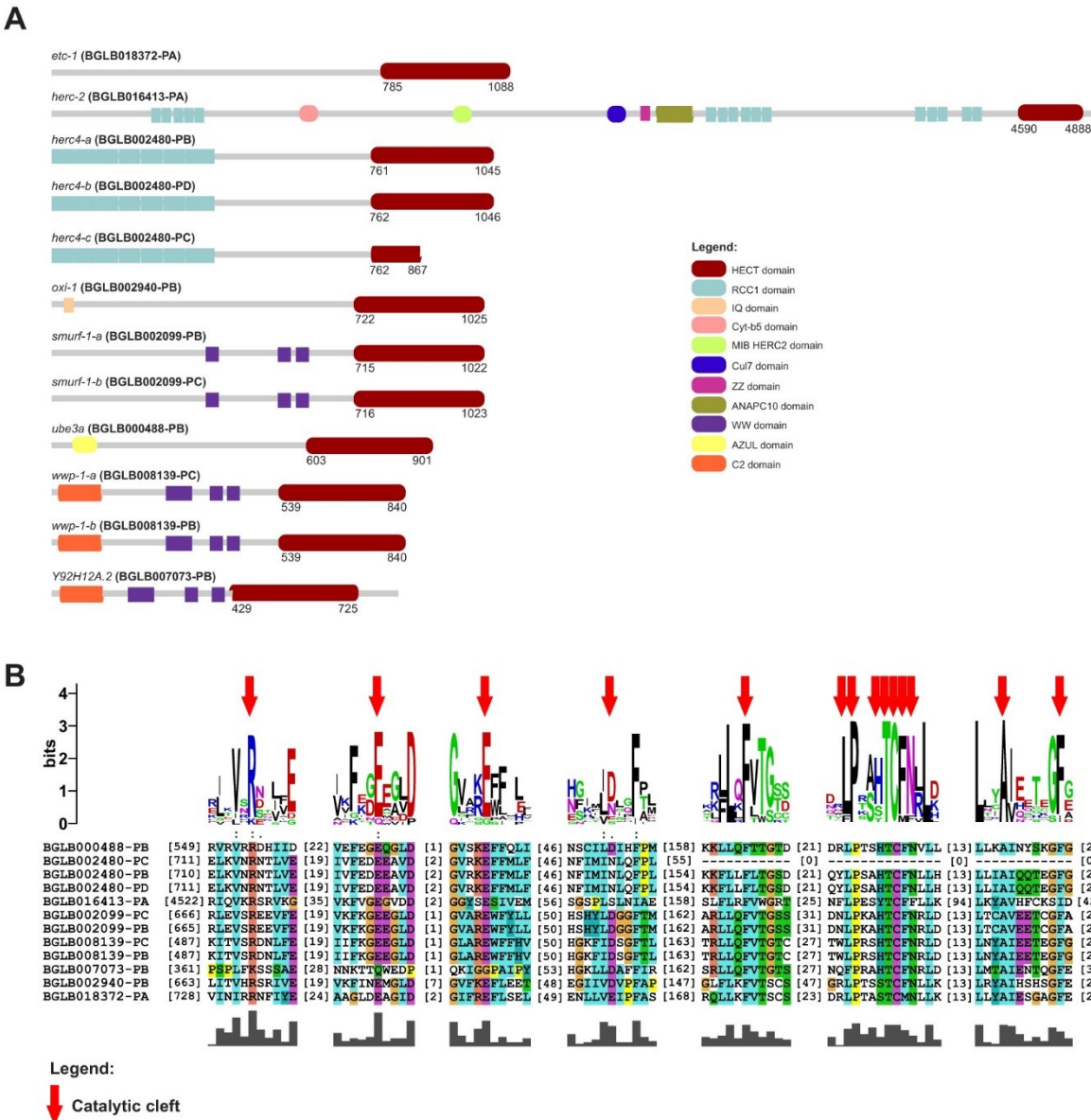
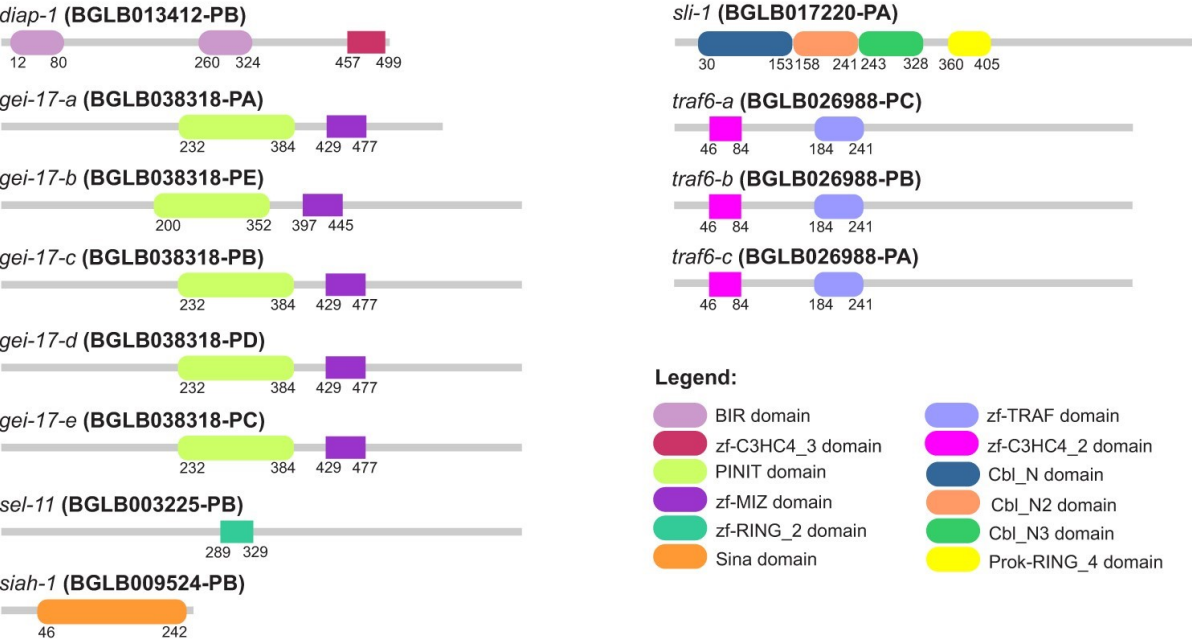
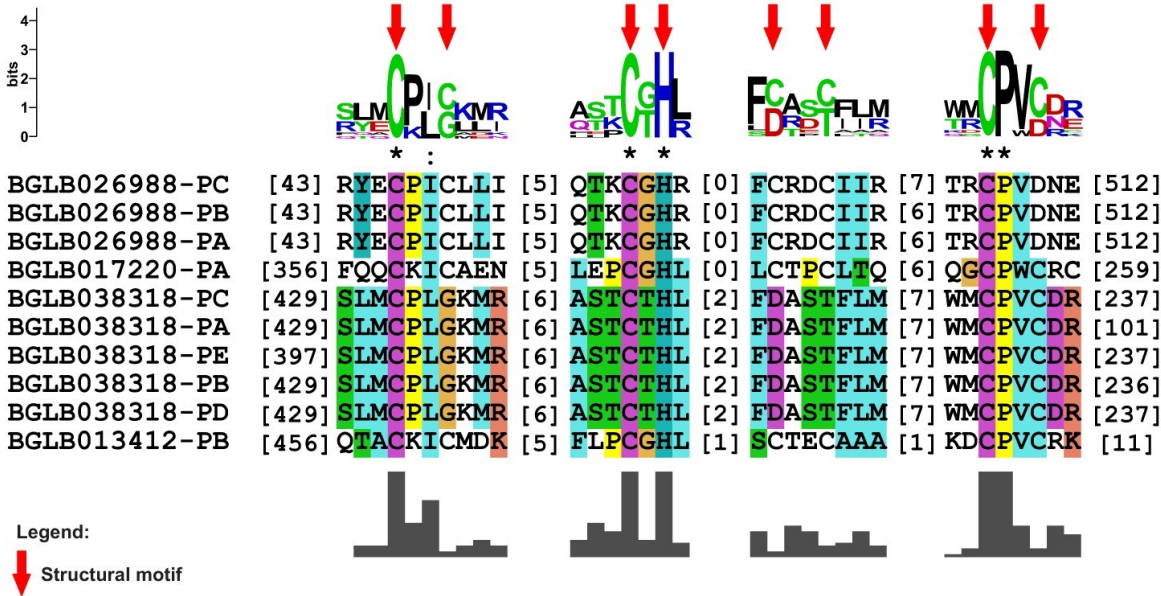


Figure S4

A



B



A

cg11070-a (BGLB035600-PD)

cg11070-b (BGLB035600-PB)

cg11070-c (BGLB035600-PA)

cg11070-d (BGLB035600-PC)

cnh-1-a (BGLB001813-PI)

cnh-1-b (BGLB001813-PH)

cnh-1-c (BGLB001813-PG)

cnh-1-d (BGLB001813-PF)

cnh-1-e (BGLB001813-PE)

cnh-1-f (BGLB001813-PD)

cnh-1-g (BGLB001813-PC)

cnh-1-h (BGLB001813-PB)

cyn-4 (BGLB022189-PA)

prp-19 (BGLB008873-PB)

ufd-2 (BGLB026024-PA)

Legend:

- Ufd2P_core domain
- U-box domain
- ANAPC3 domain
- Rtf2 domain
- Prp19 domain
- Wd40 domain
- Pro_isomerase domain

B

bits

4

3

2

1

0

↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓

PDYLCGKISFEIMR

ITPS-GITYDKKDIIE

GHFDPVTRTD

BGLB001813-PI [199] PDYLCGKISFEIMR [3] ITPS-GITYDKKDIIE [5] GHFDPVTRTD [29]

BGLB001813-PH [199] PDYLCGKISFEIMR [3] ITPS-GITYDKKDIIE [5] GHFDPVTRTD [29]

BGLB001813-PG [199] PDYLCGKISFEIMR [3] ITPS-GITYDKKDIIE [5] GHFDPVTRTD [29]

BGLB001813-PF [199] PDYLCGKISFEIMR [3] ITPS-GITYDKKDIIE [5] GHFDPVTRTD [29]

BGLB001813-PE [199] PDYLCGKISFEIMR [3] ITPS-GITYDKKDIIE [5] GHFDPVTRTD [29]

BGLB001813-PD [199] PDYLCGKISFEIMR [3] ITPS-GITYDKKDIIE [5] GHFDPVTRTD [29]

BGLB001813-PC [199] PDYLCGKISFEIMR [3] ITPS-GITYDKKDIIE [5] GHFDPVTRTD [29]

BGLB001813-PB [199] PDYLCGKISFEIMR [3] ITPS-GITYDKKDIIE [5] GHFDPVTRTD [29]

BGLB008873-PB [0] -MALCCAISNEVPE [4] SPVS-GHVEKRLIEK [4] NGTDPISNEK [468]

BGLB035600-PD [980] PEEFLDPIMGTLMS [3] MLPSSRNIVDRNVIA [4] DQTDPFNRQP [29]

BGLB035600-PB [980] PEEFLDPIMGTLMS [3] MLPSSRNIVDRNVIA [4] DQTDPFNRQP [29]

BGLB035600-PA [980] PEEFLDPIMGTLMS [3] MLPSSRNIVDRNVIA [4] DQTDPFNRQP [29]

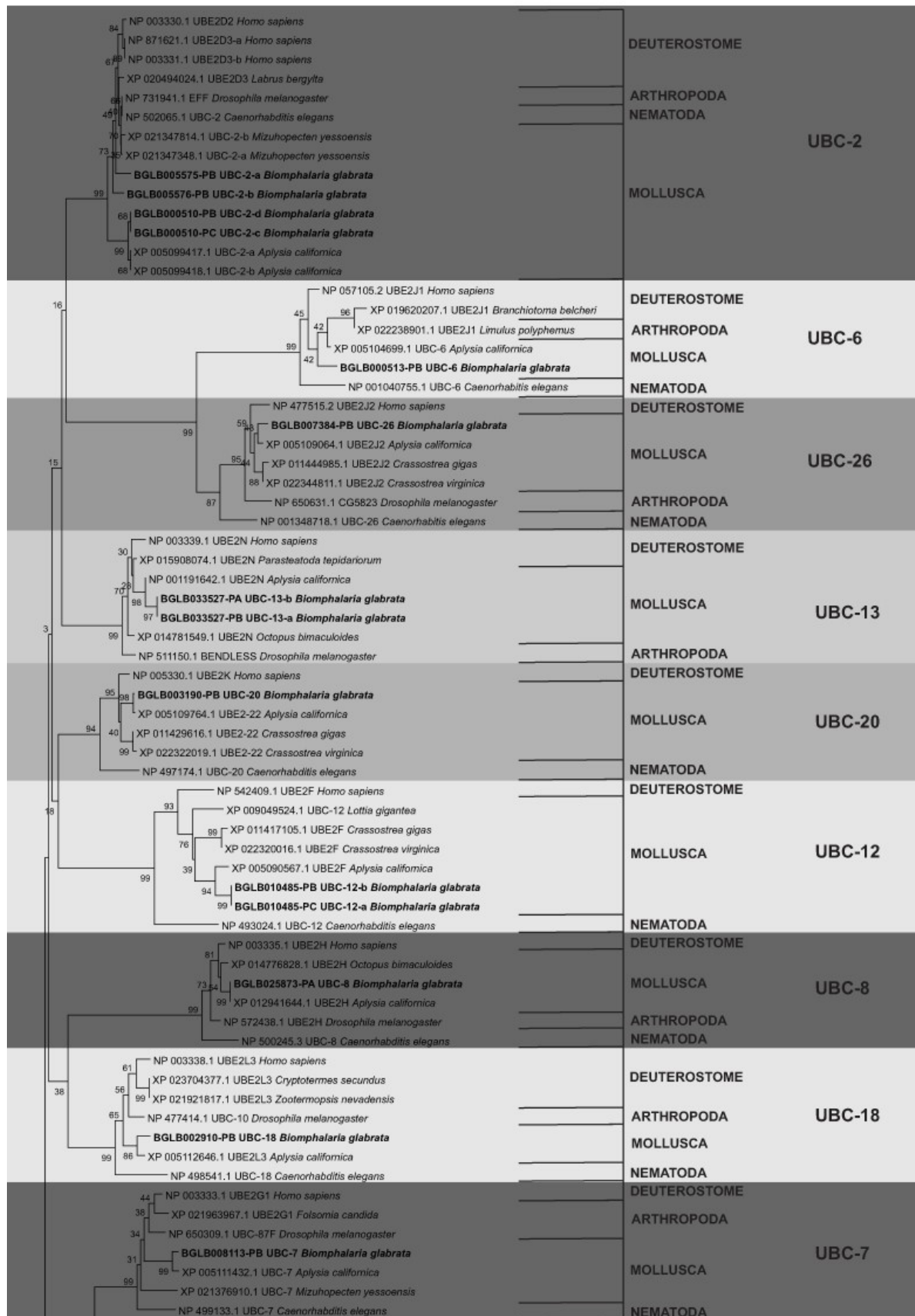
BGLB035600-PC [979] PEEFLDPIMGTLMS [3] MLPSSRNIVDRNVIA [4] DQTDPFNRQP [29]

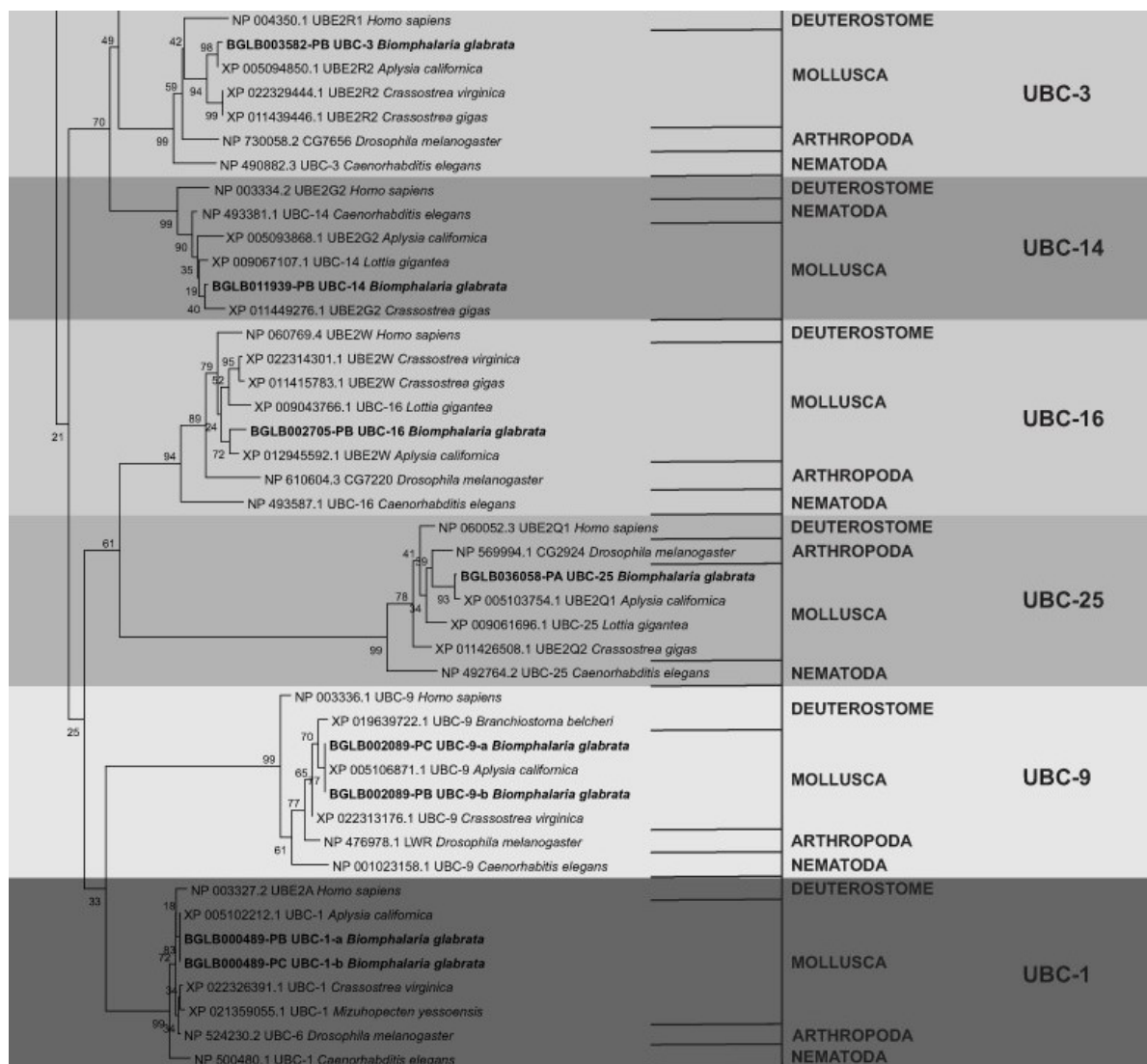
BGLB022189-PA [70] QGQYHCPIITFKVFN [7] IKTT-GNVYSYEAVER [6] HWKDLLTDEP [278]

Legend:

↓ Structural motif

Figure S6





0.2

Figure S7

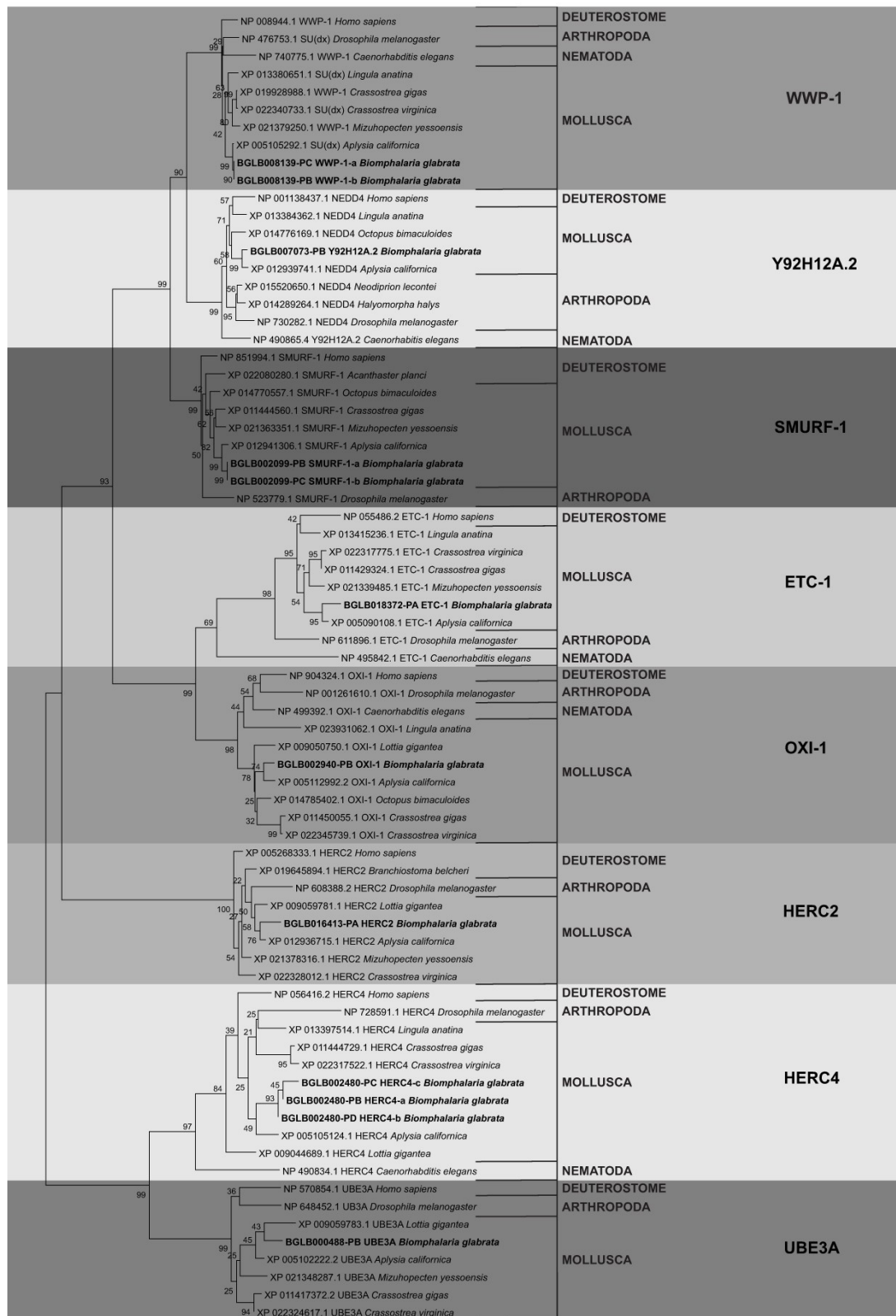


Figure S8

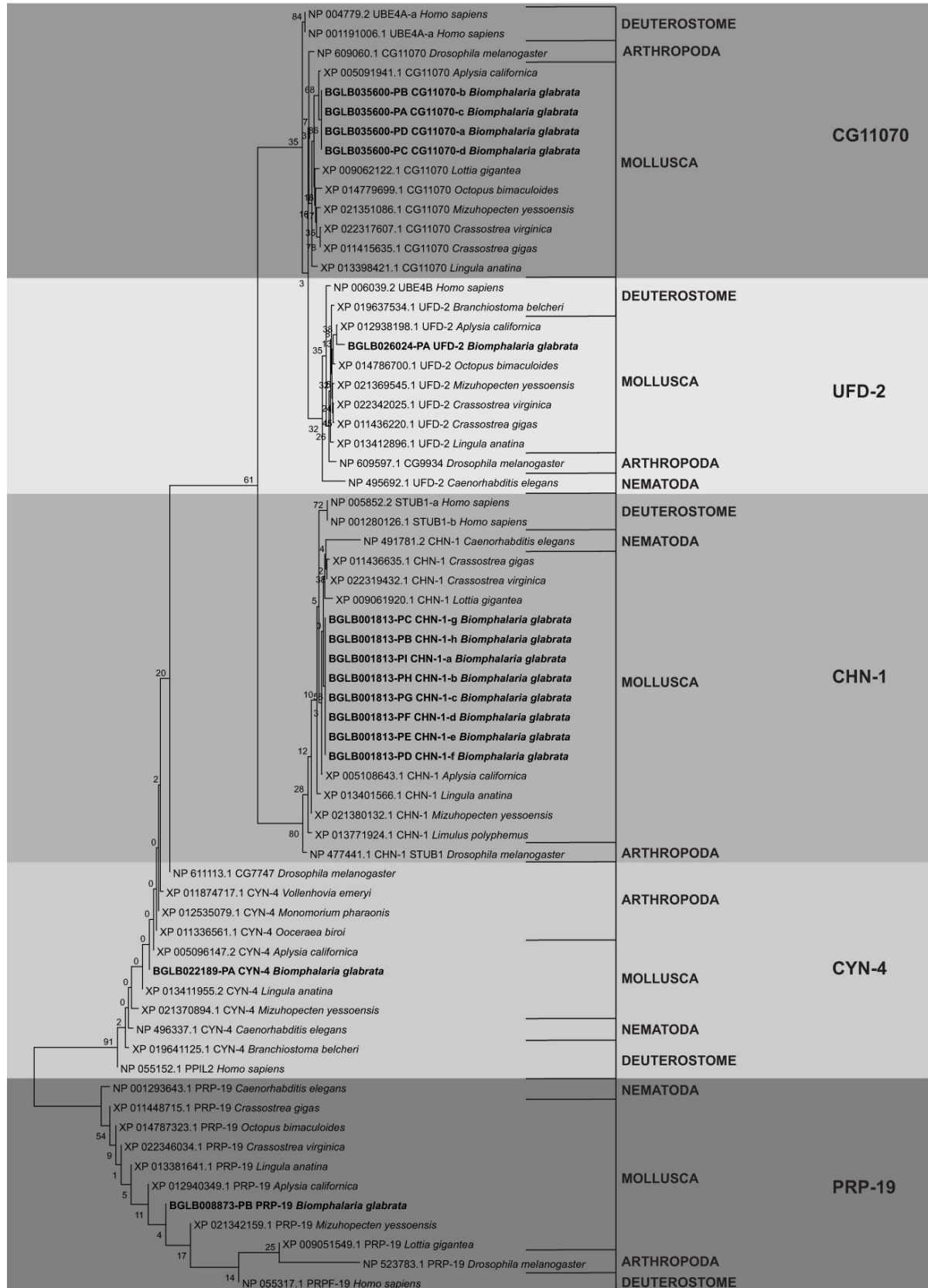
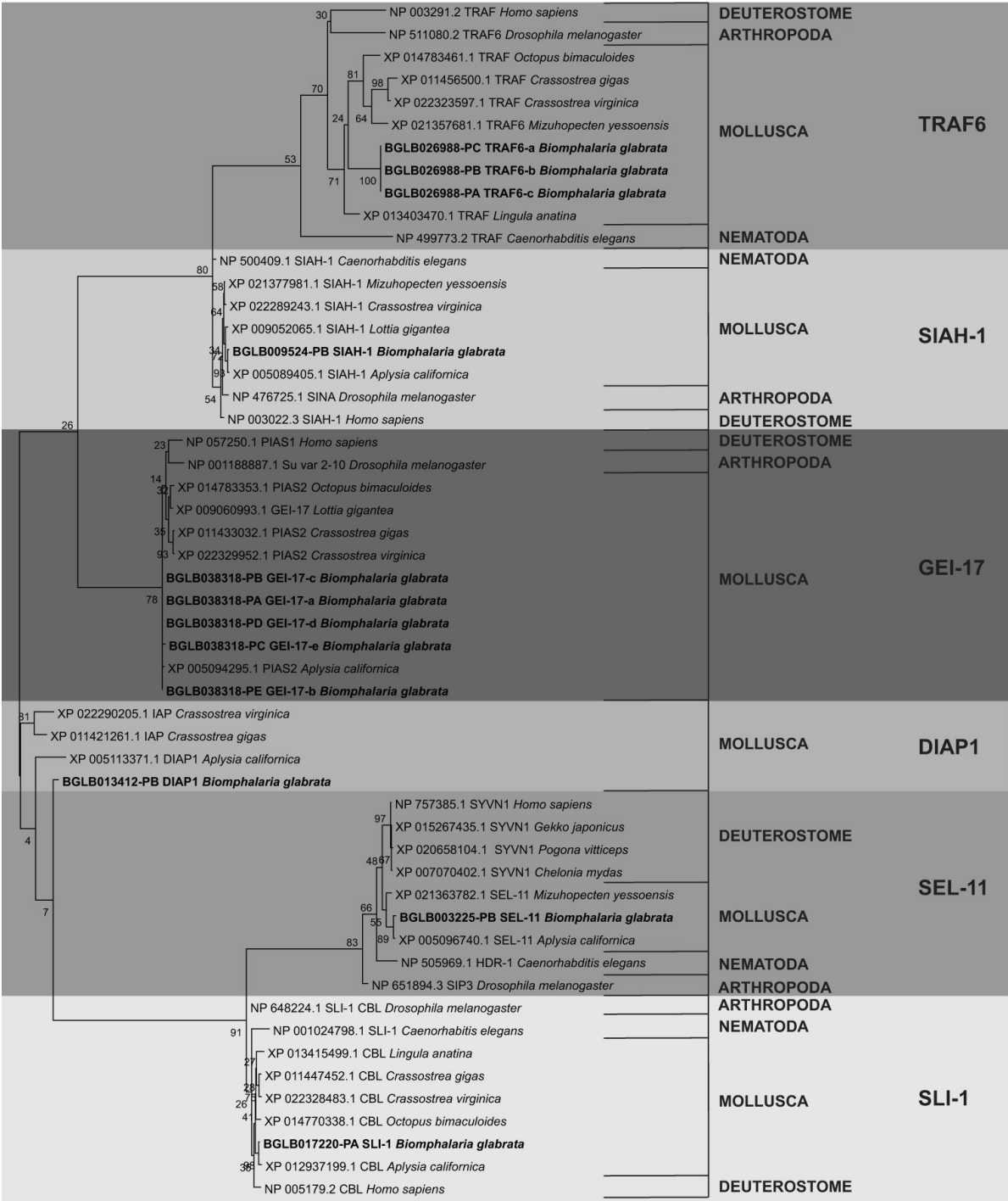


Figure S9



1

Figure S10

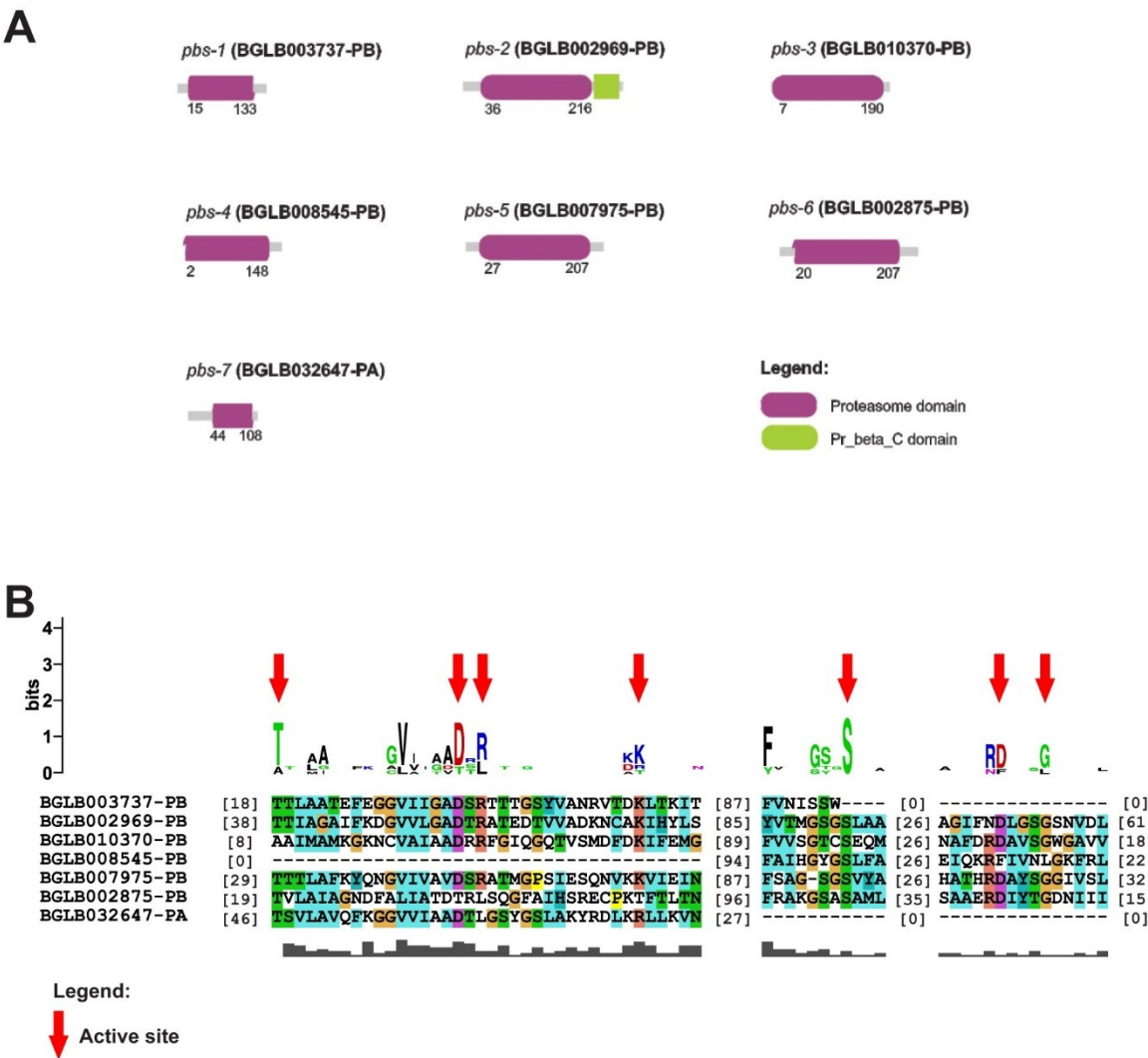


Figure S11

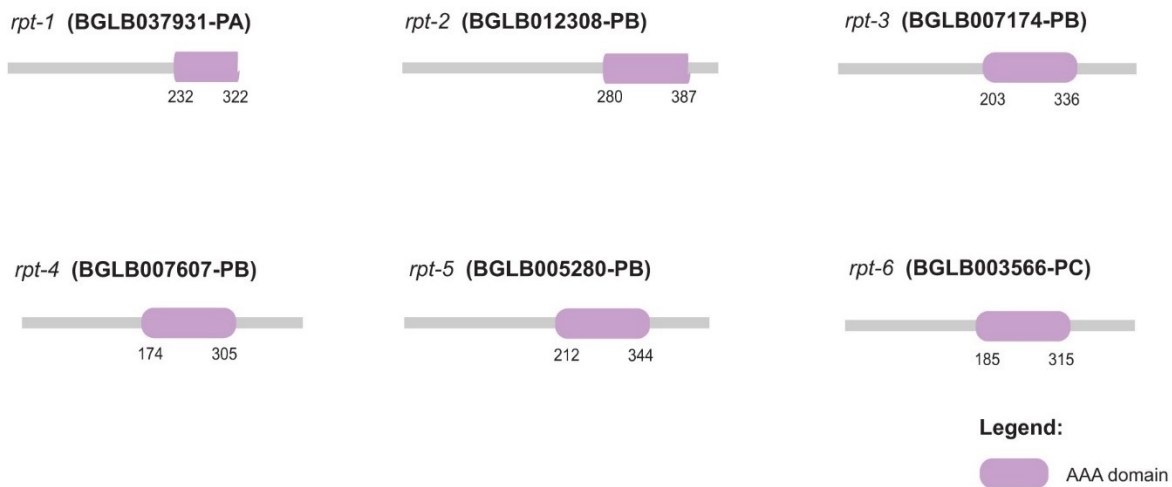


Figure S12

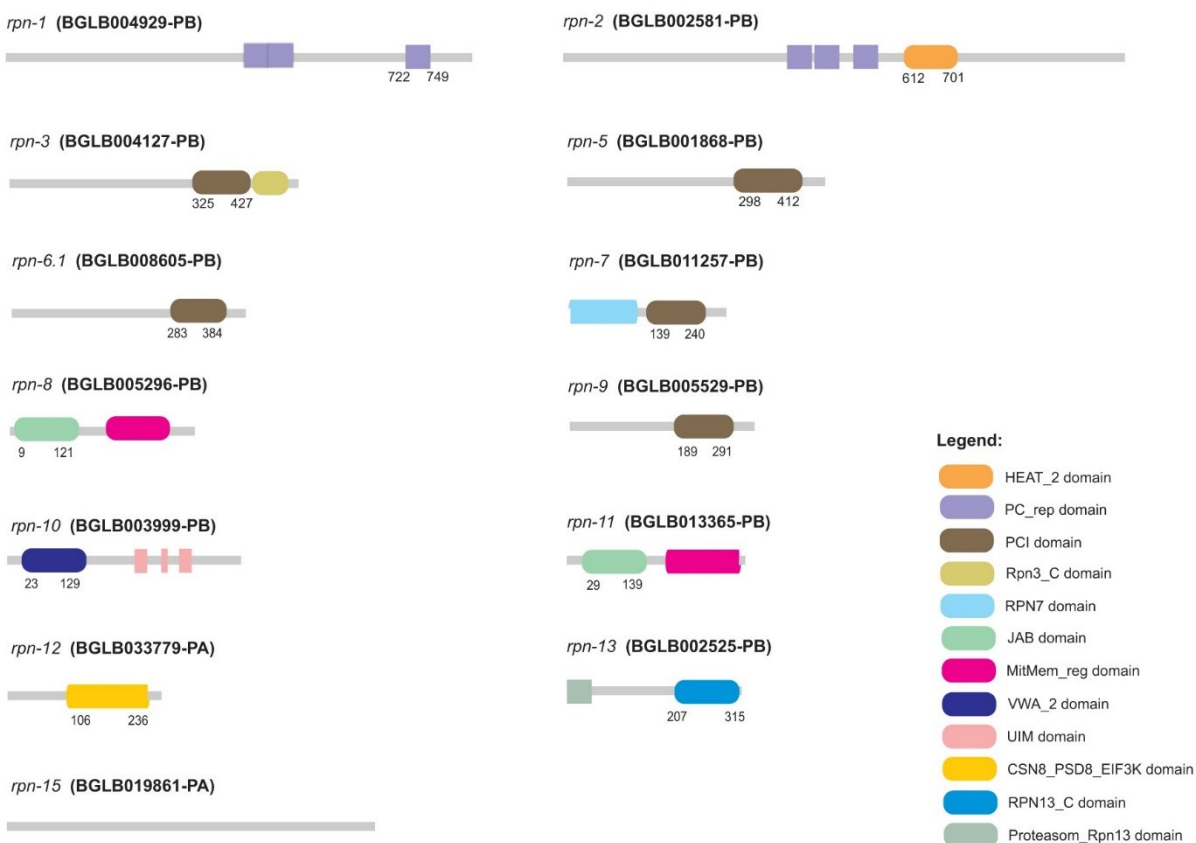


Figure S13

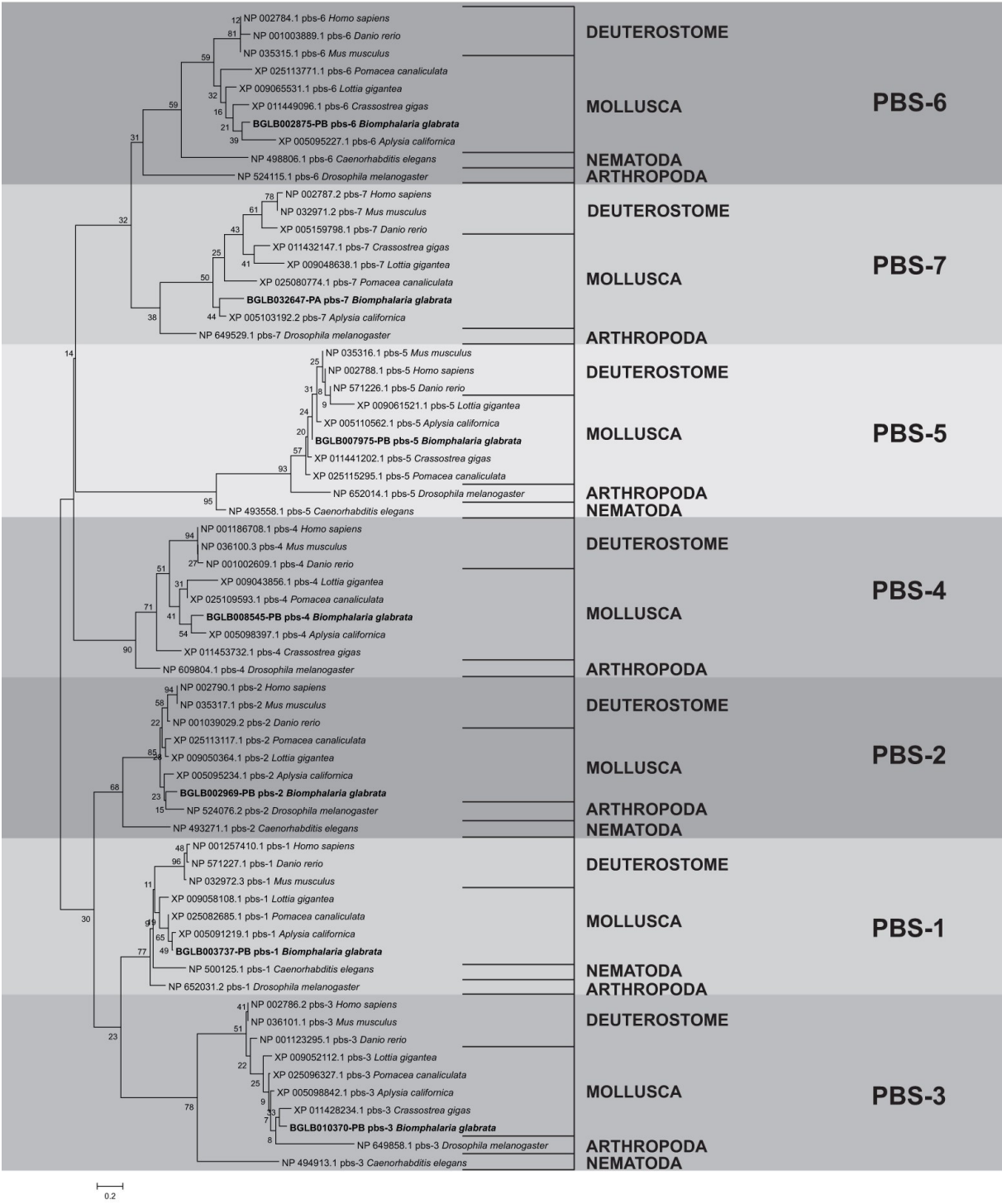


Figure S14

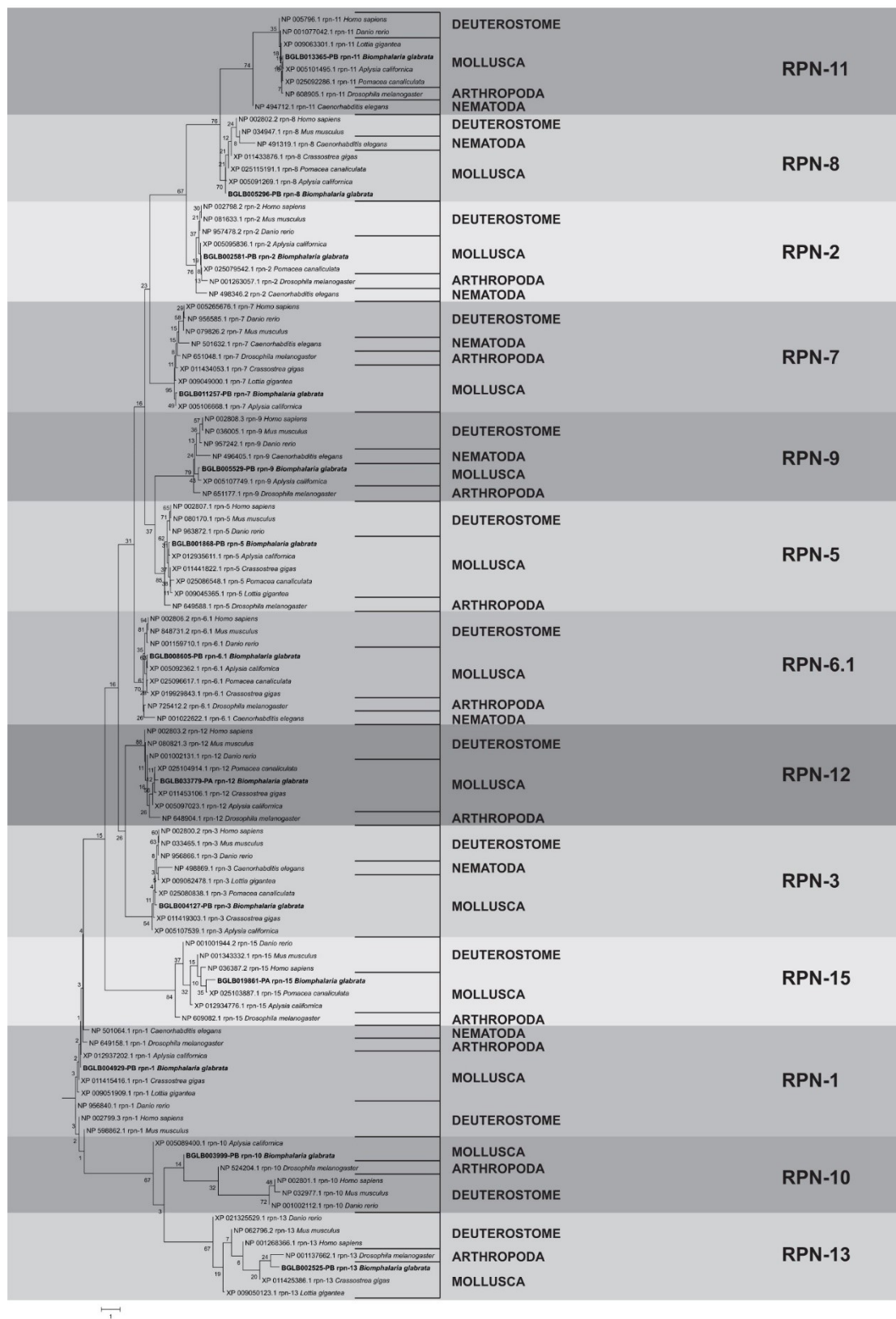


Figure S15

