```
logo

NTDB id 114156 HPOKI112 RS07460 WP 025310055.1  MKKTLCLSFFLTFSNPLQALVIELLEEIKTSSHKGTFKAKVLDSKEPRQVLGVYNISPHKKLTLTITHISTAIVYQPLDE   80
NTDB id 1207 C694 RS07860 WP 000749005.1        MKKSLCLSFFLTFSNPLQALVIELLEEIKTSPHKGTFKAKVLDSKKPRQVLGVYNISPHKKLTLTITHISTAIVYQPLDE   80
consensus                                       !!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 114156 HPOKI112 RS07460 WP 025310055.1  KLSLETTLNPNRPTIPRNTQIVFSSKELKESHSHQMPSLNAPMQKPQNKPHSSQQPSQNFSYPESKLGSKNSKNSLLQPL  160
NTDB id 1207 C694 RS07860 WP 000749005.1        KLSLETTLNPNRPTIPRNTQIVFSSKELKESHPHQMPSLNAPMQKPQNKPHSSQQPSQNFSYPEPKLGSKNSKNSLLQPL  160
consensus                                       !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!

logo

NTDB id 114156 HPOKI112 RS07460 WP 025310055.1  AIPSKISPTNETQTPTNDTKPPLKHSSEDQENNLFIAPPTEKTLPNN..NADINEHHESNENKDNVEKQATRDPNIKEFA  238
NTDB id 1207 C694 RS07860 WP 000749005.1        AIPSKISPTNETQTPTNDTKPPLKHSSEDQESNLFITPPTEKTLPNNTSNADISENNESNENKDNVEKQAIRDANIKEFA  240
consensus                                       !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!! !!!!!!!!!!!**!!!! !**!!!!!!!!!!!!!! !!*!!!!!!

logo

NTDB id 114156 HPOKI112 RS07460 WP 025310055.1  CGKWVYDDENLQAYRPSILKRVDEDKQTATDITPCDYSTAENKSGKIITPYTKISVHKTEPLEEPQTFEAKNNFAILQAR  318
NTDB id 1207 C694 RS07860 WP 000749005.1        CGKWVYDDENLQAYRPSILKRVDEDKQTATDITPCDYSTAENKSGKIITPYTKISVHKTEPLEEPQTFEAKNNFAILQAR  320
consensus                                       !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 114156 HPOKI112 RS07460 WP 025310055.1  SSTEKCKRARARKDGTTRQCYLIEEPLKQAWESEYEITTQLVKAIYERPKQDDQVEPTFYETSELAYSSTRKSEITQNEL  398
NTDB id 1207 C694 RS07860 WP 000749005.1        SSTEKCKRARARKDGTTRQCYLIEEPLKQAWESEYEITTQLVKAIYERPKQDDQVEPTFYETSELAYSSTRKSEITHNEL  400
consensus                                       !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!

logo

NTDB id 114156 HPOKI112 RS07460 WP 025310055.1  NLNEKFMEFVEVYEGHYLNDIVKESSEYKEWVKNHVRFKEGVCMVLEIEEQPQAKSTPLSIENSRVVCVKKGNYLFNEV  477
NTDB id 1207 C694 RS07860 WP 000749005.1        NLNEKFMEFVEVYEGHYLNDIIKESSEYKEWVKNHVRFKEGVCMALEIEEQPRAKSTPLSIENSRVVCVKKGNYLFNEV  479
consensus                                       !!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!
```

X non conserved

X similar

X ≥ 50% conserved