```
logo
                                                  MEQHSQNLKVMVIDDSKTIRRTAETLLQREGCDVITAYDGFEALSKIYEHNPDIIFVDIMMPRLDGYQTCALVKNSQNNQYS
                                                  EDAFNAKRILIVDEPSDIIKFNLAKVGYETIFRDALARYADAHFHLVILDLMLPELDGLEVAKEIRKNPAFK

NTDB id 374 SMU RS06885 WP 002262930.1            ......MKKILIVDDEKPISDIIKFNLAKEGYDTITAFDGREALSKYEEENPDLIILDLMLPELDGLEVAKEVRK...NS    71
NTDB id 273041 C5F70 RS26590 WP 010564379.1       MEQHSNALRVMVIDDSKTIRRTAETLLKNVGCDVITAIDGFDALARIVDHHPHIIFVDIMMPRLDGYQTCALVKNNPAFK    80
NTDB id 1047 H0N27 RS03110 WP 000389061.1         MEDAFQNLKVMVIDDSKTIRRTAETLLQREGCEVITAVDGFEALSKIAEANPDIVFVDIMMPRLDGYQTCALIKNSQNYQ    80
consensus                                         **    * ******!!*!*!*******! **!***!!!*!!**!!*** * *!*****!*!*!*!!!*********   *

logo
                                                  SIPVIMLSSKDGLFDKAKGRYVGVDQYLTKPFSKRELLNAIKAHVSSTENYESAV
                                                  HVPIIMLSAKDSEFDQVIGLEIGADDFVTIPSNDELARVRNYLPGFAAIEQHAEENASGIPEIIIGDLQILPDAFVA

NTDB id 374 SMU RS06885 WP 002262930.1            HVPIIMLSAKDSEFDKVIGLEIGADDYVTKPFSNRELLARVKAHLRRTENIESAVAEENASGIPEIIIGDLQILPDAFVA   151
NTDB id 273041 C5F70 RS26590 WP 010564379.1       SIPVIMLSSKDGLFDKAKGRIVGVDQFLTKPFSKEELLGAIKAYVPGFAAVEQAH.......................   135
NTDB id 1047 H0N27 RS03110 WP 000389061.1         NIPVIMLSSKDGLFDQAKGRVVGSDEYLTKPFSKDELLNAIRNHVSS.............................   127
consensus                                          *!*!!!!*!!**!!***!***! !***!!!!!**!!!*******     ** *

logo
                                                  KKRGTEVELTHREFELLHHLATHTGQVMTREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYM

NTDB id 374 SMU RS06885 WP 002262930.1            KKRGTEVELTHREFELLHHLATHTGQVMTREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYM   231
NTDB id 273041 C5F70 RS26590 WP 010564379.1       ......................................................................................   135
NTDB id 1047 H0N27 RS03110 WP 000389061.1         ......................................................................................   127
consensus

logo
                                                  KSYD

NTDB id 374 SMU RS06885 WP 002262930.1            KSYD   235
NTDB id 273041 C5F70 RS26590 WP 010564379.1       ....   135
NTDB id 1047 H0N27 RS03110 WP 000389061.1         ....   127
consensus
```

X non conserved
X similar
X ≥ 50% conserved