```
logo
                                          MEQYSQMLKVMVIDDSKTIRRTAETLLQKEGCEVITAYDGFEALSKIAENPDIIFVDIMMPRLDGYQTCALIKNNSNYRS
                                          EDAFEGKIILIVDEPISDIIKFNLARVYDTITAFDGREALAYEDAHHLVILLMLEELDGLEVAKEVRKSQAFQ
NTDB id 374 SMU RS06885 WP 002262930.1    ......MKKILIVDDEKPISDIIKFNLAKEGYDTITAFDGREALSKYEEENPDLIILDLMLPELDGLEVAKEVRKN...S    71
NTDB id 973732 AABM56 RS19540 WP 007161679.1 MEQYSEGLKVMVIDDSKTIRRTAETLLKKVGCEVITAIDGFDALAKIADSHPHIIFVDIMMPRLDGYQTCALIKNNSAFR    80
NTDB id 1047 HON27 RS03110 WP 000389061.1 MEDAFQNLKVMVIDDSKTIRRTAETLLQREGCEVITAVDGFEALSKIAEANPDIVFVDIMMPRLDGYQTCALIKNSQNYQ    80
consensus                                 **      *!****!!*!*!*******! **!***!!!*!!**!!*!*** *!*****!*!*!*!!!**********  *

logo
                                          NYPVIMLSSKDGLFDKAKGRYVGSDQVLTKPFSKRELLNAIKTHVSSTTPLESAV
                                          ATIIIMLSARDSEIDQVILEIADDIVIINDLTARVRAILPRFENIQTSAEENASGIPEIIIGDLQILPDAFVA
NTDB id 374 SMU RS06885 WP 002262930.1    HVPIIMLSAKDSEFDKVIGLEIGADDYVTKPFSNRELLARVKAHLRRTENIESAVAEENASGIPEIIIGDLQILPDAFVA   151
NTDB id 973732 AABM56 RS19540 WP 007161679.1 ATPVIMLSSRDGLFDKAKGRIVGSDQYLTKPFSKEELIGAIKTHVPSFTPLEQAS.......................   135
NTDB id 1047 HON27 RS03110 WP 000389061.1 NIPVIMLSSKDGLFDQAKGRVVGSDEYLTKPFSKDELLNAIRNHVSS.................................   127
consensus                                 *!*!!!!**!**!!***!***!*!*!*!!!!!*!!***** !* *    ** *

logo
                                          KKRGTEVELTHREFELLHHLATHTGQVMTREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYM
NTDB id 374 SMU RS06885 WP 002262930.1    KKRGTEVELTHREFELLHHLATHTGQVMTREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYM   231
NTDB id 973732 AABM56 RS19540 WP 007161679.1 ..............................................................................   135
NTDB id 1047 HON27 RS03110 WP 000389061.1 ..............................................................................   127
consensus

logo
                                          KSYD
NTDB id 374 SMU RS06885 WP 002262930.1    KSYD   235
NTDB id 973732 AABM56 RS19540 WP 007161679.1 ....   135
NTDB id 1047 HON27 RS03110 WP 000389061.1 ....   127
consensus
```

X non conserved

X similar

X ≥50% conserved