```
logo

NTDB id 55028 OCU30 RS07500 WP 077312582.1   MATKTQPSGAATHSSKRERLPDGPDWTFDLLEQYHTEIRQAAEHFRLDTYTNQIEIITSEQMMDAYSSIGMPINYNHWSF   80
NTDB id 1450 BW25113 RS06185 WP 000190854.1  ......MATIDSMNKDTTRLSDGPDWTFDLLDVYLAEIDRVAKLYRLDTYPHQIEVITSEQMMDAYSSVGMPINYPHWSF   74
consensus                                    *******    **     !!*!!!!!!!!!!* !* !!    ! **!!!!!**!!!*!!!!!!!!!!!!*!!!!!!*!!!!

logo

NTDB id 55028 OCU30 RS07500 WP 077312582.1   GKKFIQTEQGYKHGQMGLAYEIVINSDPCIAYLMEENTVTMQALVMAHACYGHNSFFKGNYLFQTWTDASSIIDYLLFAK   160
NTDB id 1450 BW25113 RS06185 WP 000190854.1  GKKFIETERLYKHGQQGLAYEIVINSNPCIAYLMEENTITMQALVMAHACYGHNSFFKNNYLFRSWTDASSIVDYLIFAR   154
consensus                                    !!!!! !!  !!!!! !!!!!!!!!! !!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!! !!!! *!!!!!!!*!!!*!!*

logo

NTDB id 55028 OCU30 RS07500 WP 077312582.1   KYIHHCEEKYGEKEVEALIDSCHALMNYGVDRYKRPEKISIAEEKARQEEREAYLQSQVNELWRTVPKMEKE..LPDEPC   238
NTDB id 1450 BW25113 RS06185 WP 000190854.1  KYITECEERYGVDEVERLLDSCHALMNYGVDRYKRPQKISLQEEKARQKSREEYLQSQVNMLWRTLPKREEEKTVAEARR   234
consensus                                    !!!**!!!*!!  !!! !*!!!!!!!!!!!!!!!!! !!!* !!!!!!  !! !!!!!!! !!!!*!! ! !***** **

logo

NTDB id 55028 OCU30 RS07500 WP 077312582.1   FPSEPQENILYFIEKNAPLLESWQREIVRIVRKVSQYFYPQKQTQVMNEGWATFWHYTILNYLYDEGVVSDKFILEFLHS   318
NTDB id 1450 BW25113 RS06185 WP 000190854.1  YPSEPQENLLYFMEKNAPLLESWQREILRIVRKVSQYFYPQKQTQVMNEGWATFWHYTILNHLYDEGKVTERFMLEFLHS   314
consensus                                    *!!!!!!!*!!!*!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!
```

X non conserved
X similar
X $\geq$ 50% conserved