```
logo
NTDB id 667029 MPG48 RS02390 WP 245065633.1  MKQSLLKKIGLVIGGFGALMALGLLANKD..SNNNNKEEIFQVNESKFPLSDYFFEEVKEEPKKEESPKTITTPQPTAPT    78
NTDB id 1218 CAA10657.1 2413..3543( )        .MNKWLKGVIVFIGGFATITTISLVYHQKPKAPLNNQPSLLNDDEVKYPLQDYTFTQNPQPTNTESSKDA.TIKALQ...    75
consensus                                    * *  !! * * !!!!* *  * !* *  ** * !! * * *  ! !*!! !! !   * **  ! !*  *! * * ***

logo
NTDB id 667029 MPG48 RS02390 WP 245065633.1  TANVSTNPIITDYSHLNSNLNKQNDTITHLQQVLQSPPKMKPKLKHTKEQLEFLNTRLKPLEPTKPAT......KPETEY   152
NTDB id 1218 CAA10657.1 2413..3543( )        ......EQLKAALKALNSKEMNYS.KEETFKSPPIDPNTTPPKKDFSLKQLDLLAARITPFKQSPKNYEENLIFPVDNPK   148
consensus                                    ****** **     *!!!      *   *   **  !*  *!!  **  !!* !  !* !  ****  ********* *

logo
NTDB id 667029 MPG48 RS02390 WP 245065633.1  GVDSFSNLRYKDIGTNEHKLLRTITADRMIPAFLITPINSQIAGKVTAQVESDIFASMGRAVLIPKGSKVIGYYNNNNQI   232
NTDB id 1218 CAA10657.1 2413..3543( )        GIDGFTNLKEKDIATNENKLLRTITADKMIPAFLITPISSQIAGKVIAQVESDIFAHMGKAVLIPKGSKVIGYYSNNNKM   228
consensus                                    !*! !*!!* !!!*!!!*!!!!!!!!!*!!!!!!!!!! !!!!!!! !!!!!!!!!*!!*!!!!!!!!!!!!!! !!! *

logo
NTDB id 667029 MPG48 RS02390 WP 245065633.1  GQYRLNIAWTRIITPQGINIMLTNARGADVKGYNGLVGKYISRNFQRYGIPLLTNTLSNGLLIGITSALANQQNRKGDGN   312
NTDB id 1218 CAA10657.1 2413..3543( )        GEYRLDIVWSRIITPHGINIMLTNAKGADIKGYNGLVGELIERNFQRYGVPLLLSTLTNGLLIGITSALNNRGNKEG.AT   307
consensus                                    ! !!! ! !*!!!!!*!!!!!!!!!*!!!*!!!!!!!!  ! !!!!!!!*!!!  !!*!!!!!!!!!!! !  !* !**

logo
NTDB id 667029 MPG48 RS02390 WP 245065633.1  PFFGDYLLMQLTRNTGMGINQVINQMLRQYGAQNPIIIREGSRVFISPNLDIFIPKPKDGEVLVEFFKEKKPLIKKSNE   392
NTDB id 1218 CAA10657.1 2413..3543( )        NFFGDYLLMQLMRQSGMGINQVVNQILRDKSKIAPIVVIREGSRVFISPNTDIFFPIPRENEVIAEFLK ........   376
consensus                                    *!!!!!!!!!! !**!!!!!!!*!!*!!      !!**!!!!!!!!!!!! !!! ! !** !!* !! !***********

logo
NTDB id 667029 MPG48 RS02390 WP 245065633.1  EVNNEEEI   400
NTDB id 1218 CAA10657.1 2413..3543( )        ........   376
consensus                                    ********
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X non conserved

X similar

X $\geq$ 50% conserved