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logo

NTDB id 80034 LV28 RS27660 WP 023594237.1   ..........MAYISTGSEWTFELIQRYEHEIARIAKDFRLDTYPNQIEIITAEQMLDAYATVGLPIGYHHWSYGKHFLS   70
NTDB id 1450 BW25113 RS06185 WP 000190854.1 MATIDSMNKDTTRLSDGPDWTFDLLDVYLAEIDRVAKLYRLDTYPHQIEVITSEQMMDAYSSVGMPINYPHWSFGKKFIE   80
consensus                                   **********   *! !**!!!*!*  ! *!! !*!! *!!!!!!*!!!*!! !!!*!!! *!!*!! ! !!!*!!*!*

logo

NTDB id 80034 LV28 RS27660 WP 023594237.1   SERGYKRGQMGLAYEIVINSNPCIAYLMEENSMTMQALTIAHASYGHNSFFKGNYLFRTWTSADAIVDYLLFARNYITEC  150
NTDB id 1450 BW25113 RS06185 WP 000190854.1 TERLYKHGQQGLAYEIVINSNPCIAYLMEENTITMQALVMAHACYGHNSFFKNNYLFRSWTDASSIVDYLIFARKYITEC  160
consensus                                   *!! !!*!! !!!!!!!!!!!!!!!!!!!!!!**!!!!! *!!!*!!!!!!!! !!!!!*!! !  !!!!!*!!! !!!!!

logo

NTDB id 80034 LV28 RS27660 WP 023594237.1   EQRYGEQSVELLLDSCHALMNYGVDRYKRPKRLSLAQEQARQKERENYLQMQINDLWRTLPNHALHDDDDDDGLDPTESE  230
NTDB id 1450 BW25113 RS06185 WP 000190854.1 EERYGVDEVERLLDSCHALMNYGVDRYKRPQKISLQEEKARQKSREEYLQSQVNMLWRTLPKREEE.........KTVAE  231
consensus                                   ! !!!   !! !!!!!!!!!!!!!!!!!!!! **!!  ! !!!! !! !!! !*! !!!!!! *  ***********!  !

logo

NTDB id 80034 LV28 RS27660 WP 023594237.1   EPPFPGEPQENLLYFFEKNAPKLAPWQREIVRIVRKLAQYFYPQRQTKVMNEGWATFWHYTILQQLYKEKLVNDAFMMEF  310
NTDB id 1450 BW25113 RS06185 WP 000190854.1 ARRYPSEPQENLLYFMEKNAPLLESWQREILRIVRKVSQYFYPQKQTQVMNEGWATFWHYTILNHLYDEGKVTERFMLEF  311
consensus                                    ***! !!!!!!!!! !!!!! ! *!!!!!*!!!!!* !!!!!!*!! !!!!!!!!!!!!!!!!**!! !  ! * !!*!!

logo

NTDB id 80034 LV28 RS27660 WP 023594237.1   LHAHTNVVYQPSFDSPYYSGLNPYALGFAMFQDIRRICEAPTDEDRRWAPDIAGSDWLTTLDFAMRNFKDESFIQQFLSP  390
NTDB id 1450 BW25113 RS06185 WP 000190854.1 LHSHTNVVFQPPYNSPWYSGINPYALGFAMFQDIKRICQSPTEEDKYWFPDIAGSDWLETLHFAMRDFKDESFISQFLSP  391
consensus                                   !! !!!!!*!!** !!*!!!*!!!!!!!!!!!!!!*!!!  !!*!!* ! !!!!!!!!! !!*!!!! !!!!!!! !!!!!

logo

NTDB id 80034 LV28 RS27660 WP 023594237.1   KVIRDLKLFSVLDDDRDSRLRVTAIHNDSGYREIREMLAQQYNLSQLEPNIQVAHVDLHGDRSLTLRHVQSDRRPLDEGF  470
NTDB id 1450 BW25113 RS06185 WP 000190854.1 KVMRDFRFFTVLDDDRHNYLEISAIHNEEGYREIRNRLSSQYNLSNLEPNIQIWNVDLRGDRSLTLRYIPHNRAPLDRGR  471
consensus                                   !!*!! * !*!!!!!!*  ! **!!!!* !!!!!!  !  !!!!!*!!!!!!* *!!!*!!!!!!!!**** ! !!! !

logo

NTDB id 80034 LV28 RS27660 WP 023594237.1   EEVLKHVARLWGFTVRLETVFEDGRSEMTHETKVEKRRRYALSA  514
NTDB id 1450 BW25113 RS06185 WP 000190854.1 KEVLKHVHRLWGFDVMLEQQNEDGSIELLERCPPRMGNL.....  510
consensus                                    !!!!!!*!!!!! ! !!   !!!  !* * ***     *****
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X non conserved
X similar
X $\geq$ 50% conserved