```
logo

NTDB id 55525 LDO37 RS14755 WP 101110823.1  .....................MSTEKVNLLDFDRKGLRKYFADELGEKAFRADQVMKWIYHFGVDDFENMTNLNKKLREKLMRVS   64
NTDB id 1392 A4U84 RS02730 WP 010786053.1   .......MSEQIQATDASCNSTKTEKINLLNLNRQQMRELFA.EMGEKPFRADQLMKWIYHFGEDNFDNMTNINKVLREKLKRIA   77
NTDB id 1457 ASU2 RS00455 WP 014990913.1    MSEQTQTCASEIQAMNAAVQHPKSEKINLMNLTRQEMRELFA.EMGEKPFRADQLMKWIYHFGEDNFDNMSNINKVLREKLKQIA   84
consensus                                              ***  *  *  **!!*!!*** !* *!**!! !*!!!*!!!!!*!!!!!!!!!*!*!*!!*!*!!*!!!!!****

logo

NTDB id 55525 LDO37 RS14755 WP 101110823.1  EIRAPYVSEAQHSSDGTIKWAMRVGDQDVETVYIPDADRATLCVSSQVGCALECKFCSTAQQGFNRNLKVSEIIGQVWRAAREIG  149
NTDB id 1392 A4U84 RS02730 WP 010786053.1   EIKAPEVAVEQRSADGTIKWAMWVGDQQIETVYIPEDDRATLCVSSQVGCALACTFCSTAQQGFNRNLSVSEIIGQVWRASKIIG  162
NTDB id 1457 ASU2 RS00455 WP 014990913.1    EIKAPEVSVEQRSSDGTIKWAMQVGDQQIETVYIPEADRATLCVSSQVGCALACKFCSTAQQGFNRNLTVSEIIGQVWRASKIIG  169
consensus                                   !!*!!*!***!*!*!!!!!!!! !!!!**!!!!!!**!!!!!!!!!!!!!!!!*!*!!!!!!!!!!!!!!*!!!!!!!!!!!***!!

logo

NTDB id 55525 LDO37 RS14755 WP 101110823.1  LQKETGRRPITNVVMMGMGEPLLNMKNLIPSLEIMLDDLGFGLSKRRVTVSTSGVVSGLDQMTGNIDVALAISLHAPNDELRSEI  234
NTDB id 1392 A4U84 RS02730 WP 010786053.1   NFGVTGIRPITNVVMMGMGEPLLNMNNVIPAMEIMLDDFAYGLSKRRVTLSTSGVVPALDKMREQIDVALAISLHAPNDELRNEL  247
NTDB id 1457 ASU2 RS00455 WP 014990913.1    NFGVTGVRPITNVVMMGMGEPLLNLNNVIPAMEIMLDDFAYGLSKRRVTLSTAGVVPALDIMREKIDVALAISLHAPNDELRDEI  254
consensus                                   ****!!*!!!!!!!!!!!!!!!!!!**!*!!**!!!!!!***!!!!!!!!*!!*!!!**!! !***!!!!!!!!!!!!!!!!! !*

logo

NTDB id 55525 LDO37 RS14755 WP 101110823.1  MPINDRWDIEDFLNSVRRYIASSNANRGKVTIEYVLLDHVNDDMEHARQLAELLKDTPSKINLIPFNPYPGSPYRKPSNSRIDRF  319
NTDB id 1392 A4U84 RS02730 WP 010786053.1   IPLNKKYNIKMLIDSVNKYLEVSNANHGKVTIEYVMLSHVNDDVEHAHQLADVLKNTPSKINLIPWNPFPEAPYAKSSNTRIDRF  332
NTDB id 1457 ASU2 RS00455 WP 014990913.1    MPINKKYNIKMLMDSVHKYLEVSNANHGKVTIEYVLLDHVNDGTEHAHQLAEVLKNTPCKINLIPWNPFPEAPYGKSSNSRVDRF  339
consensus                                   *!*!****!***\*!! *!***!!!!*!!!!!!!!*!*!!!!**!!!*!!!**!!*!!*!!!!!!*!!*!**!!*!*!!*!*!!!

logo

NTDB id 55525 LDO37 RS14755 WP 101110823.1  MKTLMKYDYTVTVRKTRGDDIDAACGQLVGDVIDRTKRTKLKQ.HGEPIEVKSI  372
NTDB id 1392 A4U84 RS02730 WP 010786053.1   QKTLMEYGFTVTVRKTRGDDIDAACGQLAGDVIDRTKRTFEKRKFGEGIAVQNQ  386
NTDB id 1457 ASU2 RS00455 WP 014990913.1    QKTLMEYGFTVIVRKTRGDDIDAACGQLAGDVIDRTKRTMEKRKFGKGIAVQNH  393
consensus                                   *!!!!*!**!!*!!!!!!!!!!!!!!!!!!*!!!!!!!!!! *!***!**!*!**
```

X non conserved

X similar

X ≥ 50% conserved