

logo

|               |         |         |          |                                                                                  |                                                                                  |    |
|---------------|---------|---------|----------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----|
| NTDB id 1284  | ACE17W  | RS12370 | WP       | 010946666.1                                                                      | MRKIIAILII..ISASLSMAYSKDNSLISVKVLPLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFISTDMQIPSDQ | 78 |
| NTDB id 1257  | GC085   | RS04855 | WP       | 163621000.1                                                                      | MRKIIAILII..ISASLSLAYSKDNSLISVKVLPLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFISTDMQIPSDQ | 78 |
| NTDB id 1186  | GTF74   | RS01320 | WP       | 000788426.1                                                                      | .....                                                                            | 0  |
| NTDB id 1175  | A1552VC | RS12105 | WP       | 000788426.1                                                                      | .....                                                                            | 0  |
| NTDB id 38594 | HK86    | RS00200 | WP       | 005488227.1                                                                      | .....                                                                            | 0  |
| NTDB id 1408  | DSB67   | RS13980 | WP       | 010643500.1                                                                      | .....                                                                            | 0  |
| NTDB id 1193  | PA5040  | NP      | 253727.1 | MNSGLSRLGIALLAA.MFAPALLAADLEKLDVAALPGDRVELKLQFDEPVA.APRGYTIEQPARIALDLPGVQNKLG..T | 76                                                                               |    |
| NTDB id 1009  | ACIAD   | RS15175 | WP       | 004923730.1                                                                      | MKQIRQFSIGTVAYAIMQVASSAQVAITNVVPMNIPGGTEIRVMFNGLPP.QPQAYQLEQPARLILDFDKAGQKLA..K  | 77 |
| NTDB id 1039  | HON27   | RS01460 | WP       | 031993779.1                                                                      | MNHVFRQFSMGAVAIAIMQAAASQVSMTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLILDFDKAQQGLK..Q | 77 |
| NTDB id 1052  | ABD1    | RS15850 | WP       | 001017033.1                                                                      | MNHVFRQFSMGAVAIAIMQAAASQVSMTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLILDFDKAQQGLK..Q | 77 |
| consensus     |         |         |          |                                                                                  | * * * * *                                                                        |    |

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|                  |    |       |         |         |          |             |                                                                                  |     |
|------------------|----|-------|---------|---------|----------|-------------|----------------------------------------------------------------------------------|-----|
| NTDB             | id | 1284  | ACE17W  | RS12370 | WP       | 010946666.1 | KTKTQLGSLHSYNIIVAVGDRVRAILELDRSVSYSGSTAGSIYSLVLNGKSNDLFENSKE.V.....FITNQV        | 145 |
| NTDB             | id | 1257  | GCO85   | RS04855 | WP       | 163621000.1 | KTKTQLGSLHSYNIIVAVGDRVRAILELDRSVSYSGSTAGSVYSLVLNGKSNDLFENSKE.V.....FITNQV        | 145 |
| NTDB             | id | 1186  | GTF74   | RS01320 | WP       | 000788426.1 | .....MKNGLKTY..VAQTWLTWLWGVL...ALCASSM.V.....F..SAE                              | 32  |
| NTDB             | id | 1175  | A1552VC | RS12105 | WP       | 000788426.1 | .....MKNGLKTY..VAQTWLTWLWGVL...ALCASSM.V.....F..SAE                              | 32  |
| NTDB             | id | 38594 | HK86    | RS00200 | WP       | 005488227.1 | .....MKMRGCLTRTPRMLTGFLSFWFL....LLAP....L.....A..AAE                             | 33  |
| NTDB             | id | 1408  | DSB67   | RS13980 | WP       | 010643500.1 | .....MKMRHGTLTLPRKLTLGFLSFWFSL....LLAP....F.....V..AAE                           | 33  |
| NTDB             | id | 1193  | PA5040  | NP      | 253727.1 |             | KNREISVGNTRSVDVVEAKDRTRLIINLTALSSYTTRVEGNNFLVVVGNSPAGASVASAAPVKASPAPASYAQPIKPKPY | 156 |
| NTDB             | id | 1009  | ACIAD   | RS15175 | WP       | 004923730.1 | SLIPVTNEASSIDVSSDDKRARVVVNLDAGAFTTRVEGNVFILKINNIIQSTAT....PV.....A..TSA.....     | 138 |
| NTDB             | id | 1039  | HON27   | RS01460 | WP       | 031993779.1 | SKISVATNEASSVDVTSDDQRSRLTVNLKDGTGAFTTRVEGNTFILKINSQAQTSNK....PL.....P..VVS.....  | 138 |
| NTDB             | id | 1052  | ABD1    | RS15850 | WP       | 001017033.1 | SKISVATNEASSVDVTSDDQRSLRVNLKDAGAFTTRVEGNFILKINSQAQTSNK....PL.....P..VVS.....     | 138 |
|                  |    |       |         |         |          |             | *          *       *        *      **    *****    *      ***    *                |     |
| <b>consensus</b> |    |       |         |         |          |             |                                                                                  |     |

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|           |    |       |         |         |          |             |                                                                                     |     |
|-----------|----|-------|---------|---------|----------|-------------|-------------------------------------------------------------------------------------|-----|
| NTDB      | id | 1284  | ACE17W  | RS12370 | WP       | 010946666.1 | VNAKHEIKRIDFRGIEKQGGRLVIDVSDTGIPIDVTQVGKEIVVNFLNNTKIPLNLMKRYDVSDFHSPVQIITMQEGKKV    | 225 |
| NTDB      | id | 1257  | GCO85   | RS04855 | WP       | 163621000.1 | VNAKHEIKRIDFRGIEKQGGRLVIDVSDTGIPIDVTQVGKEIVVNFLNNTKIPLNLMKRYDVSDFHSPVQIITMQEGKKV    | 225 |
| NTDB      | id | 1186  | GTFT4   | RS01320 | WP       | 000788426.1 | SATANQLENIDFRVNKEKA AVLVELASPSAVVDVQKVQEGLSIELLKTDVADDKLYLLDVKDFSTPVESEVEFVRKEPST   | 112 |
| NTDB      | id | 1175  | A1552VC | RS12105 | WP       | 000788426.1 | SATANQLENIDFRVNKEKA AVLVELASPSAVVDVQKVQEGLSIELLKTDVADDKLYLLDVKDFSTPVESEVEFVRKEPST   | 112 |
| NTDB      | id | 38594 | HK86    | RS00200 | WP       | 005488227.1 | DVQSNAKLSIDFRITNKSKDAVVVELASPAAIVDKRVQEGLSIDLMTNSVKKDEQLYLLDVKDFATPVSESEVEFRDTSTT   | 113 |
| NTDB      | id | 1408  | DSB67   | RS13980 | WP       | 010643500.1 | EVQSNALKSIDFRITNKDKDAVVVELVSPAIAIVDKRVQEGLSIDLMTNSVKKDEQLYLLDVKDFSTVVESEVEFRDTSTT   | 113 |
| NTDB      | id | 1193  | PA5040  | NP      | 253727.1 |             | VPAGRAIRNIDFRQRGEKGEGNVVITLSDPTLSPDIQEQQGGKIRLDFAKTQLPDALRVRLDVKDFATPVQFVNASQAQSDRT | 236 |
| NTDB      | id | 1009  | ACIAD   | RS15175 | WP       | 004923730.1 | PAPQGIGIGNIGFQRGAQGEGLVVITLQGTNTPVVDVQQGSGKVVVFPGIKIPHTLARRLNTTDFATPVASIDSYNNGSNG   | 218 |
| NTDB      | id | 1039  | HON27   | RS01460 | WP       | 031993779.1 | .AQPQGVSNIGFQRSQGEGLVVVDLLGSNTPVVDVQQGSGKVVIRTIGTKIPHTLARRLNVNDFATPVSSIDAYNDKGVG    | 217 |
| NTDB      | id | 1052  | ABD1    | RS15850 | WP       | 001017033.1 | .AQPQGVSNIGFQRSQGEGLVVVDLLGSNTPVVDVQQGSGKVVIRTIGTKIPHTLARRLNVNDFATPVSSIDAYNDKGVG    | 217 |
| consensus |    |       |         |         |          |             | * **** * ! *                                                                        |     |

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NTDB id 1284 ACE17W RS12370 WP 010946666.1
NTDB id 1257 GC085 RS04855 WP 163621000.1
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NTDB id 1175 A1552VC RS12105 WP 000788426.1
NTDB id 38594 HK86 RS00200 WP 005488227.1
NTDB id 1408 DSB67 RS13980 WP 010643500.1
NTDB id 1193 PA5040 NP 253727.1
NTDB id 1009 ACIAD RS15175 WP 004923730.1
NTDB id 1039 HON27 RS01460 WP 031993779.1
NTDB id 1052 ABD1 RS15850 WP 001017033.1
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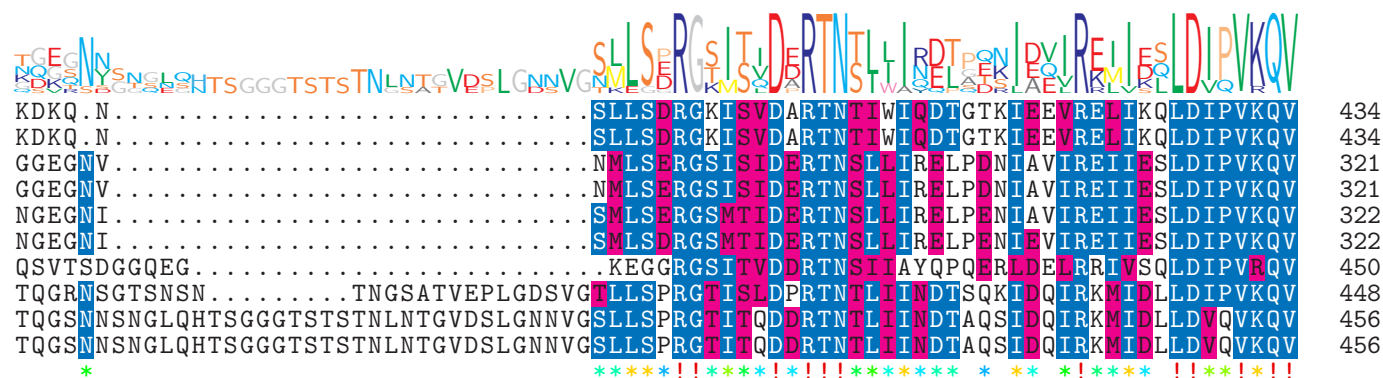
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X non conserved  
X similar  
X ≥ 50% conserved