

logo

|                                              |                                                                                    |    |
|----------------------------------------------|------------------------------------------------------------------------------------|----|
| NTDB id 601 KW2 RS02615 WP 021036805.1       | .....MTCQNCMINEAT.....                                                             | 12 |
| NTDB id 281 KZH43 RS03550 WP 000882517.1     | .....MTCQNCKINDST.....                                                             | 12 |
| NTDB id 245 SPD RS03860 WP 000882517.1       | .....MTCQNCKINDST.....                                                             | 12 |
| NTDB id 243 SPR RS03635 WP 000882517.1       | .....MTCQNCKINDST.....                                                             | 12 |
| NTDB id 241 SP RS04015 WP 000882523.1        | .....MTCQNCKINDST.....                                                             | 12 |
| NTDB id 1155602 QNH80 RS00285 WP 015646546.1 | .....MICKNCNINDAT.....                                                             | 12 |
| NTDB id 378 SMU RS02690 WP 002263569.1       | .....MTCQNCKINEAT.....                                                             | 12 |
| NTDB id 85 BSU 00860 NP 387967.1             | ..MMFGRFTERAQKVLALAQEEALRLGHNNIGTEHILLGLVREGEGAAKALQALGLGSEKIQKEVESLIG.....R       | 70 |
| NTDB id 610 V4T04 RS10165 WP 012897346.1     | MKFENIKYTPTLDRILEKAEYYAHQYQYGTIESAHLLEAMATTSGSLAYSLLAGMNVDSDDLIDL.....EDLSSH       | 72 |
| NTDB id 287 SP RS11210 WP 001109712.1        | .....MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYS   | 70 |
| NTDB id 290 KZH43 RS10025 WP 001109677.1     | .....MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYS   | 70 |
| NTDB id 289 SPD RS10700 WP 001109677.1       | .....MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYS   | 70 |
| NTDB id 377 SMU RS09275 WP 002262344.1       | ....MTDYSLKMQEVFRLAQFEAARFESSYLESWHVLLAMVEIDSSVAGLSFAEFEADVRVFEDYQAAAAILAIGKKPKSSS | 76 |
| NTDB id 297 STER RS00545 WP 011680614.1      | ...MTIYSRKMQAIFHRAQLEAERFESPFLWTWHVLLAMVEVTGSAVYLTFTDFEDRIHSEEIETA AVLAMEKRPKDLS   | 76 |
| NTDB id 329 STU RS10020 WP 011225298.1       | ....MTIYSRKMQAIFHRAQLEAERFESPFLWTWHVLLAMVEVPGSAVYLTFTDFEDRIHSEEIETA AVLAMEKRPKDLS  | 76 |
| consensus                                    | .....**.....*                                                                      |    |

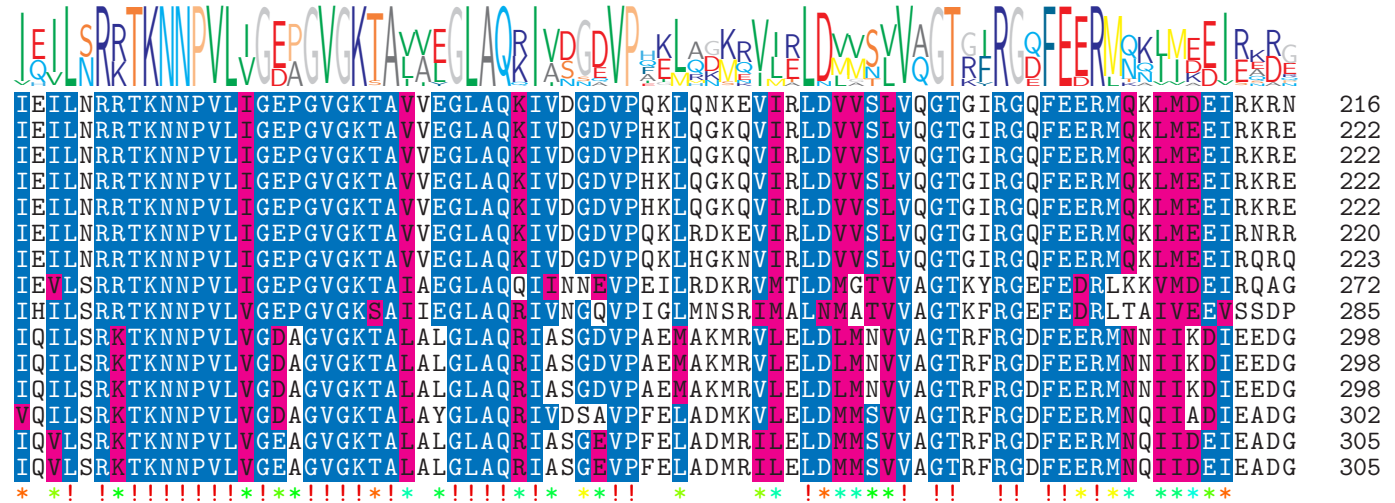
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| NTDB id 245 SPD RS03860 WP 000882517.1       | ....IHL YTNLNGKQKQIDLCQNCYK...IIKTDPNNSLFGKGMTD..LNNRD.FDP.....FGDFFNDL...         | 66  |
| NTDB id 243 SPR RS03635 WP 000882517.1       | ....IHL YTNLNGKQKQIDLCQNCYK...IIKTDPNNSLFGKGMTD..LNNRD.FDP.....FGDFFNDL...         | 66  |
| NTDB id 241 SP RS04015 WP 000882523.1        | ....IHL YTNLNGKQKQIDLCQNCYK...IIKTDPNNSLFGKGMTD..LNNRD.FDP.....FGDFFNDL...         | 66  |
| NTDB id 1155602 QNH80 RS00285 WP 015646546.1 | ....IHL YTNLNGKQKQVLDLCHNCYQ...IMKTDPNNAILRGLGD..LTNPNNMDP.....FSFFNHL...          | 67  |
| NTDB id 378 SMU RS02690 WP 002263569.1       | ....IHL YANVNCQKKQIDLCQNCYQ...IMKTDPFNGPLNHL SQ..QNSSSINPF.....FDDFFGDL...         | 67  |
| NTDB id 85 BSU 00860 NP 387967.1             | GQEMSQTIHYTPRAKKVIELSMDEARKLGHSYVCTEHIILLGLIREGEGVAARVLNNLGVSLNKARQQVLQL.....      | 141 |
| NTDB id 610 V4T04 RS10165 WP 012897346.1     | VKVKRSTLRFSPRAFEVMTAASFLAIHNNSEAVCTEHLIYALLQVEDGFGLQLKL.....QKINIVSLRKELEKR        | 143 |
| NTDB id 287 SP RS11210 WP 001109712.1        | QDETFTTELPFSRRLQVLFDEAEYVASVVHAKVLCTEHLVYAILHDSNALATRILERAGFSYEDKKDQVKIAALRRNLEER  | 150 |
| NTDB id 290 KZH43 RS10025 WP 001109677.1     | QDETFTTELPFSRRLQILFDEAEYVASVVHAKVLCTEHLVYAILHDSNALATRILERAGFSYEDKKDQVKIAALRRNLEER  | 150 |
| NTDB id 289 SPD RS10700 WP 001109677.1       | QDETFTTELPFSRRLQILFDEAEYVASVVHAKVLCTEHLVYAILHDSNALATRILERAGFSYEDKKDQVKIAALRRNLEER  | 150 |
| NTDB id 377 SMU RS09275 WP 002262344.1       | N..DITMLEQSHALKRTLAEAAAISQVTHAKEVCTEHLVLFAMLLNPNLLATRILELVGFHAKDDGESIRLLDLRKVTERY  | 154 |
| NTDB id 297 STER RS00545 WP 011680614.1      | ESDIIDLRAQSPALEAMLQEAQEIASVTGAVEVCSSEHVLMAFILHDKDLMVCRLLEVAGFQYKDDSDKPRIIDLRRSLERN | 156 |
| NTDB id 329 STU RS10020 WP 011225298.1       | ESDIIDLRAQSPALEAMLQEAQGIASVTGAVEVCSSEHVLMAFILHDKDLMVCRLLEVAGFQYKDDSDKPRIIDLRRSLERN | 156 |
| consensus                                    | *** ** * * * * * * * * * * * * * *                                                 |     |

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consensus

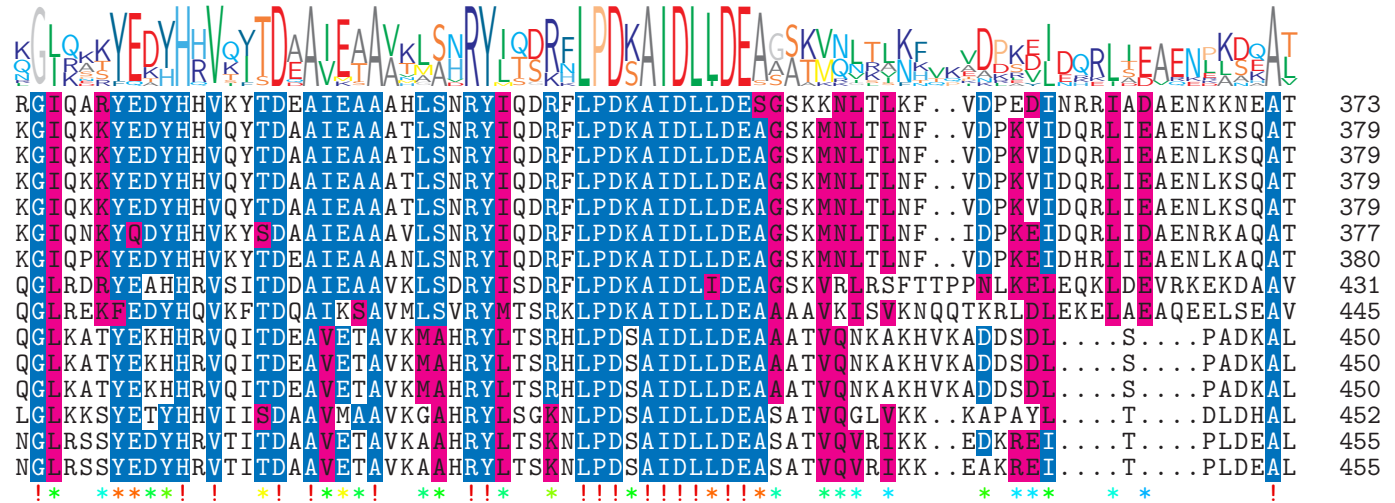
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consensus

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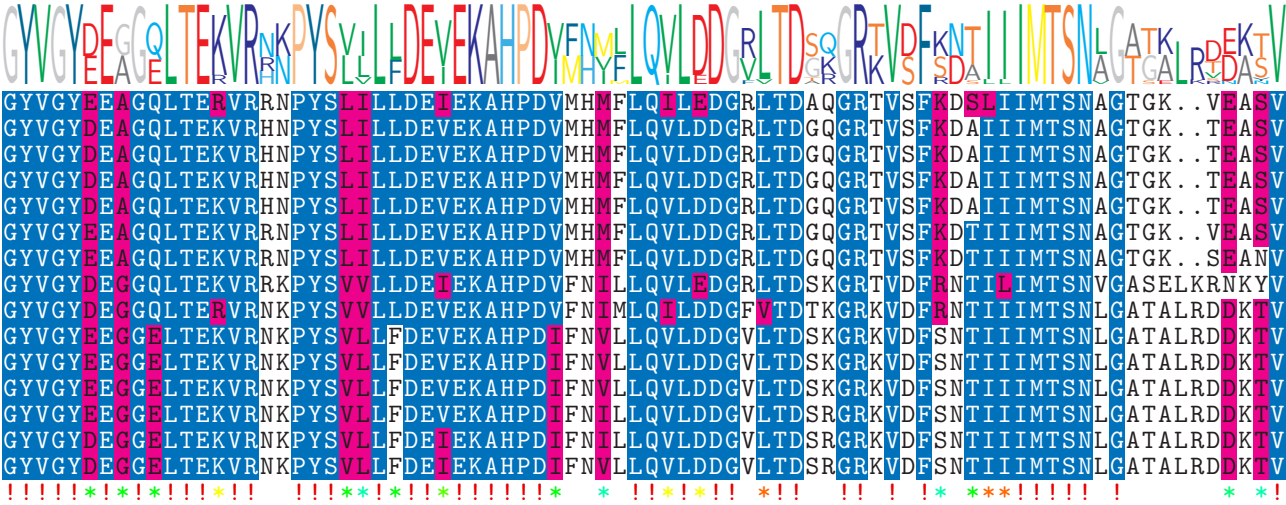
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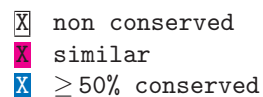


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NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 329 STU RS10020 WP 011225298.1
consensus

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