

logo

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| NTDB id 1410 SGL RS13950 WP 010873519.1 | MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK | 0 |
| NTDB id 1028 TT RS08215 WP 011173991.1 | MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK | 80 |
| NTDB id 1366 NTHI RS01950 WP 011271972.1 | ..... | 0 |
| NTDB id 1060136 ACF30J RS03645 WP 311335432.1 | ..... | 0 |
| NTDB id 1168 A1552VC RS11070 WP 000957200.1 | ..... | 0 |
| NTDB id 1401 DSB67 RS12665 WP 010643259.1 | ..... | 0 |
| NTDB id 1293 VP RS12240 WP 005479695.1 | ..... | 0 |
| NTDB id 1110 NGFG RS09235 WP 003689817.1 | ..... | 0 |
| NTDB id 1251 GC085 RS07725 WP 011946523.1 | ..... | 0 |
| NTDB id 1058 ABD1 RS01615 WP 001274986.1 | | 0 |
| NTDB id 1018 ACIAD RS01685 WP 004920473.1 | | 0 |
| consensus | | 0 |

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| NTDB id 1410 SGL RS13950 WP 010873519.1 | ALLPAEKAKELKAI PFALDEEAGVVRVAFNLPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG | 0 |
| NTDB id 1028 TT RS08215 WP 011173991.1 | ALLPAEKAKELKAI PFALDEEAGVVRVAFNLPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG | 160 |
| NTDB id 1366 NTHI RS01950 WP 011271972.1 | | 0 |
| NTDB id 1060136 ACF30J RS03645 WP 311335432.1 | | 0 |
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| NTDB id 1401 DSB67 RS12665 WP 010643259.1 | | 0 |
| NTDB id 1293 VP RS12240 WP 005479695.1 | | 0 |
| NTDB id 1110 NGFG RS09235 WP 003689817.1 | ..... | 0 |
| NTDB id 1251 GC085 RS07725 WP 011946523.1 | ..... | 0 |
| NTDB id 1058 ABD1 RS01615 WP 001274986.1 | | 0 |
| NTDB id 1018 ACIAD RS01685 WP 004920473.1 | | 0 |
| consensus | | 0 |

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| NTDB id 1410 SGL RS13950 WP 010873519.1 | EGQKDLKLGELLLQKGI SREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALLL | 0 |
| NTDB id 1028 TT RS08215 WP 011173991.1 | EGQKDLKLGELLLQKGI SREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALLL | 240 |
| NTDB id 1366 NTHI RS01950 WP 011271972.1 | | 0 |
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| NTDB id 1293 VP RS12240 WP 005479695.1 | | 0 |
| NTDB id 1110 NGFG RS09235 WP 003689817.1 | | 0 |
| NTDB id 1251 GC085 RS07725 WP 011946523.1 | ..... | 0 |
| NTDB id 1058 ABD1 RS01615 WP 001274986.1 | | 0 |
| NTDB id 1018 ACIAD RS01685 WP 004920473.1 | | 0 |
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| NTDB id 1410 SGL RS13950 WP 010873519.1 | LRSDALRYGAVPIGFGNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSRESE | 6 |
| NTDB id 1028 TT RS08215 WP 011173991.1 |MTSSSS | 320 |
| NTDB id 1366 NTHI RS01950 WP 011271972.1 | LRSDALRYGAVPIGFGNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSREAL | 0 |
| NTDB id 1060136 ACF30J RS03645 WP 311335432.1 | ..... | 0 |
| NTDB id 1168 A1552VC RS11070 WP 000957200.1 | ..... | 0 |
| NTDB id 1401 DSB67 RS12665 WP 010643259.1 | ..... | 0 |
| NTDB id 1293 VP RS12240 WP 005479695.1 | ..... | 0 |
| NTDB id 1110 NGFG RS09235 WP 003689817.1 | ..... | 0 |
| NTDB id 1251 GCO85 RS07725 WP 011946523.1 | ..... | 0 |
| NTDB id 1058 ABD1 RS01615 WP 001274986.1 | | 0 |
| NTDB id 1018 ACIAD RS01685 WP 004920473.1 | | 0 |

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| NTDB id 1410 SGL RS13950 WP 010873519.1 | SKKSRAVALRNYFSPFGNKLVAGGHVDAEQLRQALVQVVKTKGRSLPEELKAVTGRELSPELIRQYKKNQLFELKVLVGV | 86 |
| NTDB id 1028 TT RS08215 WP 011173991.1 | KEALEVQKGLPRAKPLGETLVELGLARPEDVEEALQKQRGGRIEDTLVQS..GKIRPEALQA.....VATQLGYP | 391 |
| NTDB id 1366 NTHI RS01950 WP 011271972.1 |MTSY..ALLHTQRVTAQ.....NGEIFTIS | 23 |
| NTDB id 1060136 ACF30J RS03645 WP 311335432.1 |MSDYDPLISYMVQHKICTPEQIREVQISAQKKRGSFLQQLLSD..GLIDGSRLSQI.....NREVYNLP | 62 |
| NTDB id 1168 A1552VC RS11070 WP 000957200.1 |MLTNLVALRQAE LISATQEQAVVTQVSASGTSVPEALLIEL..SIFHAQELTEQ.....LSHIFGLP | 60 |
| NTDB id 1401 DSB67 RS12665 WP 010643259.1 |MLTNLSTVLRQAGILTFSQEESLEQVKASGISMPEALLSS..GFFQSHLTHEH.....LSSVFGLS | 60 |
| NTDB id 1293 VP RS12240 WP 005479695.1 |MHSNLSLIRQKGLLTFSQEESLIEQVKASGISMPEALLSS..GFFTSSELAEH.....LSSIFGLS | 60 |
| NTDB id 1110 NGFG RS09235 WP 003689817.1 |MSVGLLRILVQNVVITVEQAEHYH..NESQAGKEVLPMLFSD..GVISPKSLAAL.....IARVFSYS | 59 |
| NTDB id 1251 GCO85 RS07725 WP 011946523.1 | ..MALATEEYRLQGIQLLVLEKLLDKTKAIELHKLAAAEKISLLQYIVKN..KILSAEQIALT.....AAQNFVGP | 68 |
| NTDB id 1058 ABD1 RS01615 WP 001274986.1 | ..MSALHTSPKFTGFFRRLVEEKHVSAAATMQTADAAKRAKQDTVAYLIEE..VHLSPSLLAET.....TSAEFAEP | 68 |
| NTDB id 1018 ACIAD RS01685 WP 004920473.1 | ..MSAFTTPPKFSGFIRRLVEEGYVNAQNMQQALEKAKKFKQDIVPYLIDN..FSISPLTIAEI.....ISLEFGE | 68 |

consensus

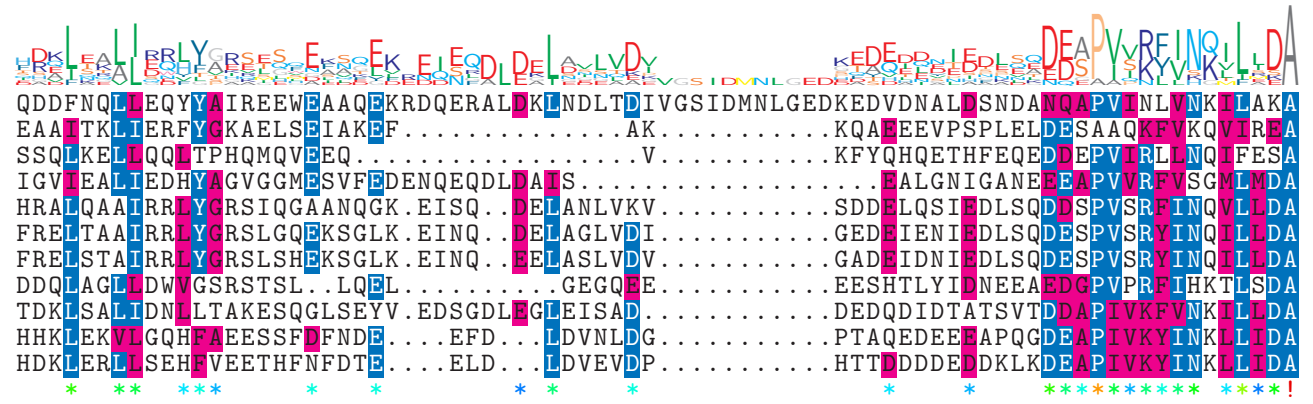
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| NTDB id 1410 SGL RS13950 WP 010873519.1 | SVDPEVAPIATQQMAELIGRFFPLDTCRRFKFLPLAQEGDPPSVLVMVDPDNLAAQDELNRILRVKGF..ELRRLVVT | 164 |
| NTDB id 1028 TT RS08215 WP 011173991.1 | YVDPEEDPPD....PGAPLLLPEDLCRRYGVFPHRLEG...NRLVLLMKDPRNILALDDVRLALKRKLNYEVAPAVAT | 463 |
| NTDB id 1366 NTHI RS01950 WP 011271972.1 |PD....LWERNQQQSLLILRYFALPLKEEN...NRLWLGVDLSLNSACETIAFITGK....PVEPILLE | 82 |
| NTDB id 1060136 ACF30J RS03645 WP 311335432.1 | QVMLRELDVR....RELTAQFPETVVRKHMALPIYANG...GRLFIAATFDPSNRIMLEEFKYQGKFT....SVEPIVAD | 130 |
| NTDB id 1168 A1552VC RS11070 WP 000957200.1 | ETDLRSDYDA....NLCQQLGLRELITRYDALPIAKQG...NLLLVAVSDPTLLQAEEEFRFATGL....QVELALAD | 127 |
| NTDB id 1401 DSB67 RS12665 WP 010643259.1 | CTSLNQYEYA....SLCQTLGLRLDITRHNAIPLNRTS...STLILAVADPTNLQAEDDFRFATGL....QVELVLAD | 127 |
| NTDB id 1293 VP RS12240 WP 005479695.1 | QPQLSQYEYA....SLCQQLGLRELITRHNAIPLHRTP...STLLVAVADPTNQAEDDFRFATGL....QVELVLAD | 127 |
| NTDB id 1110 NGFG RS09235 WP 003689817.1 | ILDLRHYPRH....RVLMGVLTEEQMVEFHCVPVFRRG...DKVFFAVSDPTQMPQIQKTVSAAGI....AVELVIVE | 126 |
| NTDB id 1251 GCO85 RS07725 WP 011946523.1 | MLDINCIDVG....TIPVNLVNEKLIKRHAMVPLFSRG...TNLYLATDDPSKQASLKEIQFHTGL....NTHAIVIVE | 135 |
| NTDB id 1058 ABD1 RS01615 WP 001274986.1 | YFDLDVYDTS....QIPKDLVDQKLILKHRILPLIQRG...QILYVATSNPNTIEAIDAIRFNSKL....LVEPVIVE | 135 |
| NTDB id 1018 ACIAD RS01685 WP 004920473.1 | LIDLGVFDPA....LFLDKKIDEKLIQKYRIMPLVHRG...HVLYVATSNPNTIEAMDAIRFNSKL....KVEPVIVE | 135 |

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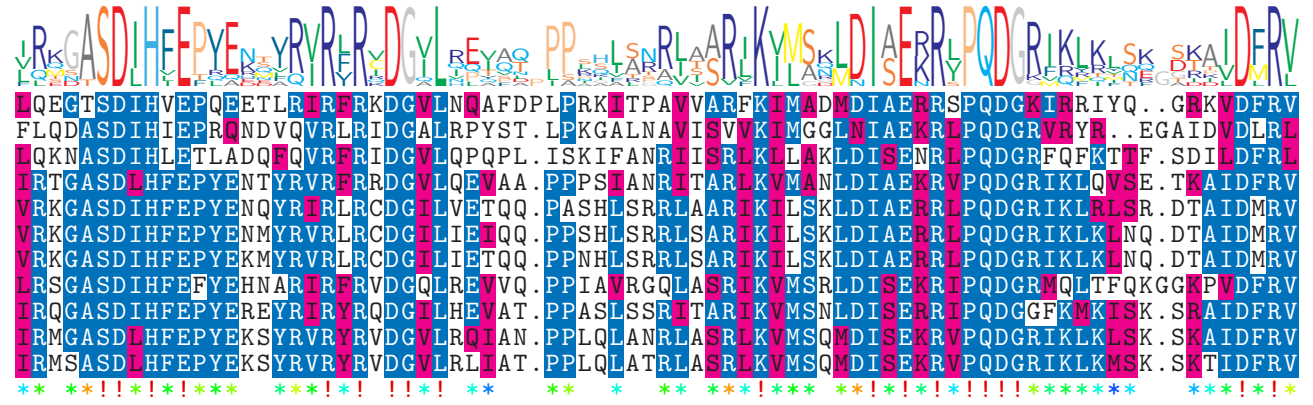
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 NTDB id 1251 GC085 RS07725 WP 011946523.1
 NTDB id 1058 ABD1 RS01615 WP 001274986.1
 NTDB id 1018 ACIAD RS01685 WP 004920473.1
 consensus



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logo

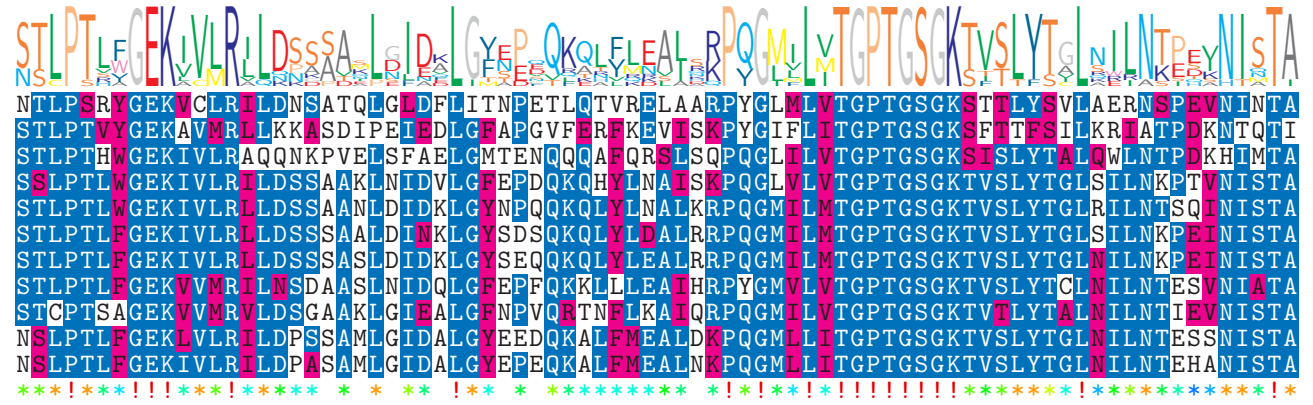
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 NTDB id 1060136 ACF30J RS03645 WP 311335432.1
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 NTDB id 1251 GC085 RS07725 WP 011946523.1
 NTDB id 1058 ABD1 RS01615 WP 001274986.1
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NTDB id 1410 SGL RS13950 WP 010873519.1
 NTDB id 1028 TT RS08215 WP 011173991.1
 NTDB id 1366 NTHI RS01950 WP 011271972.1
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 NTDB id 1251 GC085 RS07725 WP 011946523.1
 NTDB id 1058 ABD1 RS01615 WP 001274986.1
 NTDB id 1018 ACIAD RS01685 WP 004920473.1
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NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1366 NTHI RS01950 WP 011271972.1
NTDB id 1060136 ACF30J RS03645 WP 311335432.1
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NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1



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NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1366 NTHI RS01950 WP 011271972.1
NTDB id 1060136 ACF30J RS03645 WP 311335432.1
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NTDB id 1018 ACIAD RS01685 WP 004920473.1



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NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1366 NTHI RS01950 WP 011271972.1
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NTDB id 1251 GC085 RS07725 WP 011946523.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1



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| NTDB id 1410 SGL RS13950 WP 010873519.1 | KRKSALTCRTCAAELQQEWLDCPYCMTSRFS | 672 |
| NTDB id 1028 TT RS08215 WP 011173991.1 | ..... | 889 |
| NTDB id 1366 NTHI RS01950 WP 011271972.1 | ..... | 464 |
| NTDB id 1060136 ACF30J RS03645 WP 311335432.1 | ..... | 564 |
| NTDB id 1168 A1552VC RS11070 WP 000957200.1 | ..... | 562 |
| NTDB id 1401 DSB67 RS12665 WP 010643259.1 | ..... | 561 |
| NTDB id 1293 VP RS12240 WP 005479695.1 | ..... | 561 |
| NTDB id 1110 NGFG RS09235 WP 003689817.1 | ..... | 558 |
| NTDB id 1251 GC085 RS07725 WP 011946523.1 | ..... | 574 |
| NTDB id 1058 ABD1 RS01615 WP 001274986.1 | ..... | 570 |
| NTDB id 1018 ACIAD RS01685 WP 004920473.1 | ..... | 570 |
| consensus | | |

 non conserved
 similar
 ≥ 50% conserved