

logo

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MSVLTITCDKRLGAALLDAGLLTDEELQRALERHREVGGS LAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK
NTDB id 1410 SGL RS13950 WP 010873519.1 ..... 0
NTDB id 1028 TT RS08215 WP 011173991.1 MSVLTITIGDKRLGAALLDAGLLTDEELQRALERHREVGGS LAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK 80
NTDB id 1366 NTHI RS01950 WP 011271972.1 ..... 0
NTDB id 1355 HI 0298 AAC21962.1 ..... 0
NTDB id 1143335 D5R51 RS02020 WP 000957200.1 ..... 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
consensus
```

logo

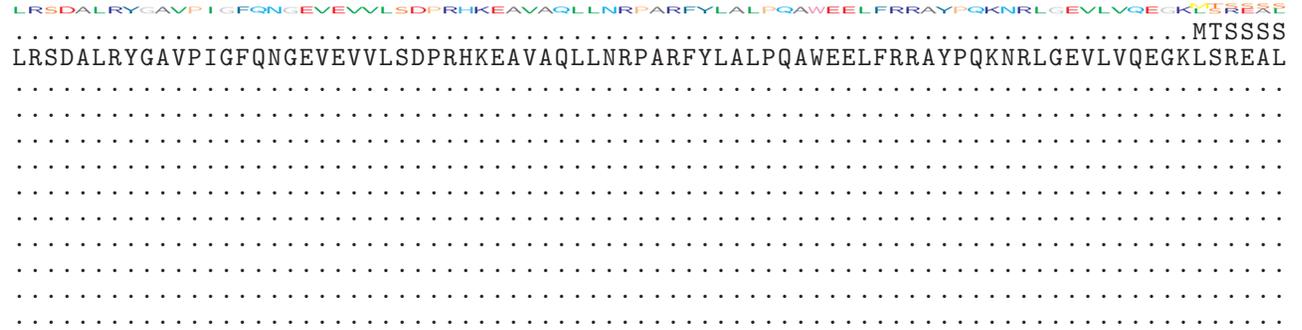
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ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDITLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG
NTDB id 1410 SGL RS13950 WP 010873519.1 ..... 0
NTDB id 1028 TT RS08215 WP 011173991.1 ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDITLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG 160
NTDB id 1366 NTHI RS01950 WP 011271972.1 ..... 0
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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
consensus
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logo

```
EGQKDLKLGELLQKQWISREALEEALVEQEKTGDLLGRILVVRKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALLL
NTDB id 1410 SGL RS13950 WP 010873519.1 ..... 0
NTDB id 1028 TT RS08215 WP 011173991.1 EGQKDLKLGELLQKQWISREALEEALVEQEKTGDLLGRILVVRKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALLL 240
NTDB id 1366 NTHI RS01950 WP 011271972.1 ..... 0
NTDB id 1355 HI 0298 AAC21962.1 ..... 0
NTDB id 1143335 D5R51 RS02020 WP 000957200.1 ..... 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
consensus
```

logo

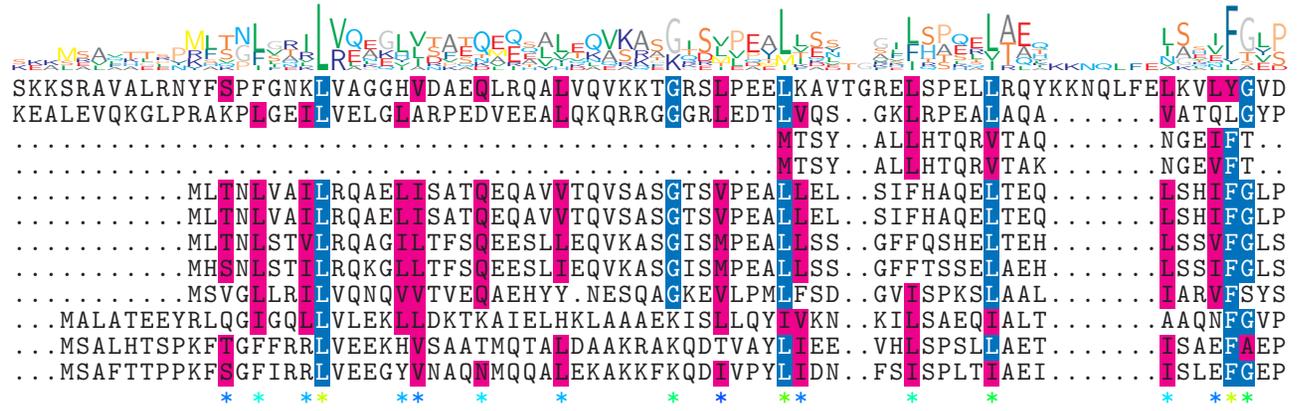
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 NTDB id 1028 TT RS08215 WP 011173991.1
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 NTDB id 1143335 D5R51 RS02020 WP 000957200.1
 NTDB id 1168 A1552VC RS11070 WP 000957200.1
 NTDB id 1401 DSB67 RS12665 WP 010643259.1
 NTDB id 1293 VP RS12240 WP 005479695.1
 NTDB id 1110 NGFG RS09235 WP 003689817.1
 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



6
320
0
0
0
0
0
0
0
0
0
0
0

logo

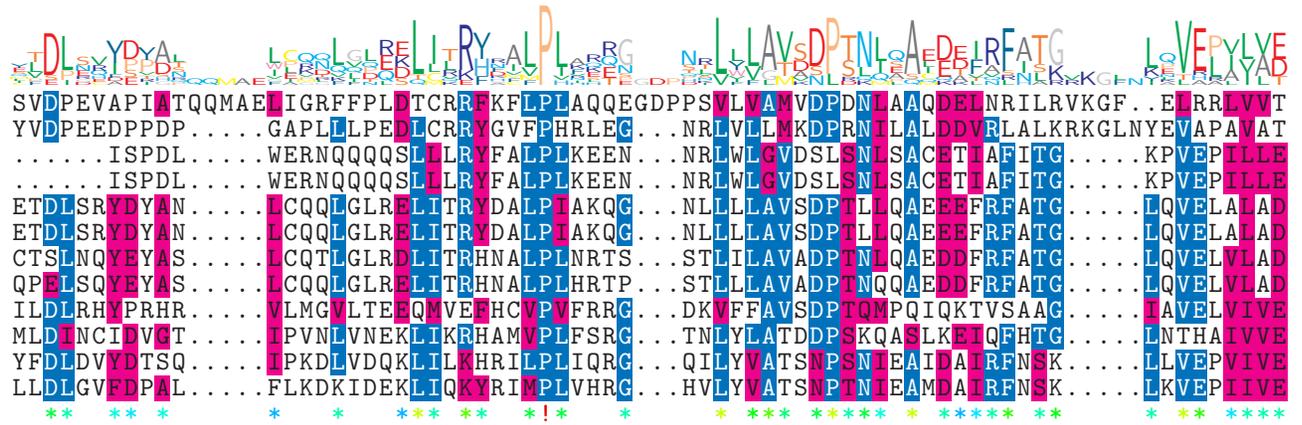
NTDB id 1410 SGL RS13950 WP 010873519.1
 NTDB id 1028 TT RS08215 WP 011173991.1
 NTDB id 1366 NTHI RS01950 WP 011271972.1
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 NTDB id 1143335 D5R51 RS02020 WP 000957200.1
 NTDB id 1168 A1552VC RS11070 WP 000957200.1
 NTDB id 1401 DSB67 RS12665 WP 010643259.1
 NTDB id 1293 VP RS12240 WP 005479695.1
 NTDB id 1110 NGFG RS09235 WP 003689817.1
 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



86
391
21
21
60
60
60
60
59
68
68
68

logo

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 1355 HI 0298 AAC21962.1
 NTDB id 1143335 D5R51 RS02020 WP 000957200.1
 NTDB id 1168 A1552VC RS11070 WP 000957200.1
 NTDB id 1401 DSB67 RS12665 WP 010643259.1
 NTDB id 1293 VP RS12240 WP 005479695.1
 NTDB id 1110 NGFG RS09235 WP 003689817.1
 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



164
463
82
82
127
127
127
127
126
135
135
135

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	KRKSALTCRTCAAELQQEWLDCPYCMTSRFS	672
NTDB id 1028 TT RS08215 WP 011173991.1	889
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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 GCO85 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
-  $\geq 50\%$ conserved