

logo

|   |  |    |
|---|--|----|
| NTDB id 1410 SGL RS13950 WP 010873519.1     | MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK | 0  |
| NTDB id 1028 TT RS08215 WP 011173991.1      | MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK | 80 |
| NTDB id 1401 DSB67 RS12665 WP 010643259.1   | .....  | 0  |
| NTDB id 1293 VP RS12240 WP 005479695.1      | .....  | 0  |
| NTDB id 55076 OCV04 RS12495 WP 171138259.1  | .....  | 0  |
| NTDB id 1168 A1552VC RS11070 WP 000957200.1 | .....  | 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                                   | .....  | 0  |

logo

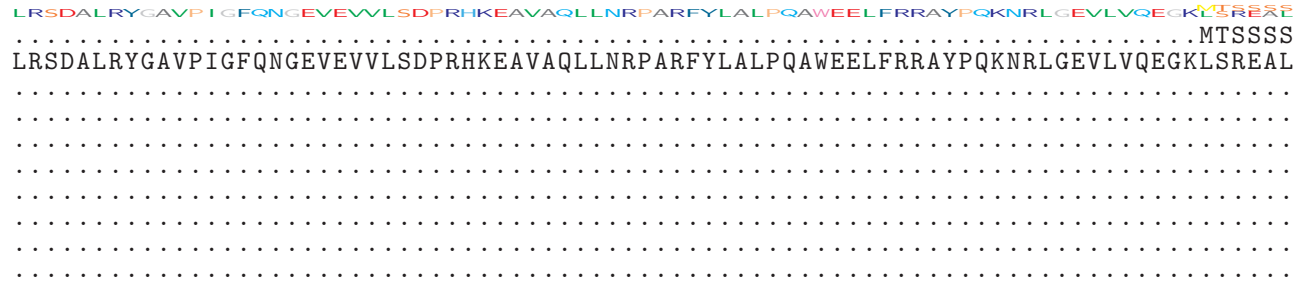
|   |  |     |
|---|--|-----|
| NTDB id 1410 SGL RS13950 WP 010873519.1     | ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG | 0   |
| NTDB id 1028 TT RS08215 WP 011173991.1      | ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG | 160 |
| NTDB id 1401 DSB67 RS12665 WP 010643259.1   | .....  | 0   |
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| 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                                   | .....  | 0   |

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|---|---|-----|
| NTDB id 1410 SGL RS13950 WP 010873519.1     | EGQKDLKLGELLQKGI SREALEEALVEQKTDLLGRILVRKGLPEEALYRALAEQKLEFLESTEGIVDPDPSAALLL | 0   |
| NTDB id 1028 TT RS08215 WP 011173991.1      | EGQKDLKLGELLQKGI SREALEEALVEQKTDLLGRILVRKGLPEEALYRALAEQKLEFLESTEGIVDPDPSAALLL | 240 |
| NTDB id 1401 DSB67 RS12665 WP 010643259.1   | .....   | 0   |
| NTDB id 1293 VP RS12240 WP 005479695.1      | .....   | 0   |
| NTDB id 55076 OCV04 RS12495 WP 171138259.1  | .....   | 0   |
| NTDB id 1168 A1552VC RS11070 WP 000957200.1 | .....   | 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                                   | .....   | 0   |

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NTDB id 1410 SGL RS13950 WP 010873519.1  
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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  
 consensus



6  
320  
0  
0  
0  
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0  
0  
0

logo

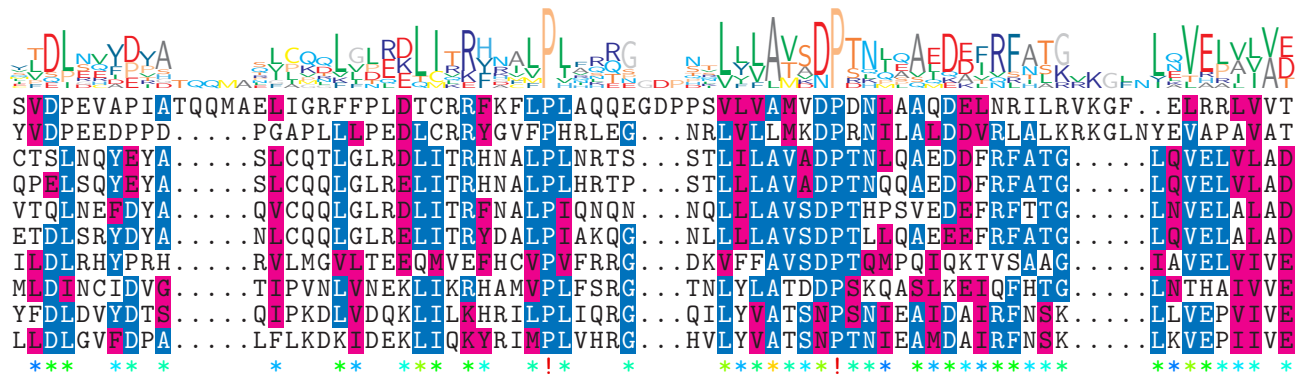
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 NTDB id 1251 GC085 RS07725 WP 011946523.1  
 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1  
 consensus



86  
391  
60  
60  
60  
60  
59  
68  
68  
68

logo

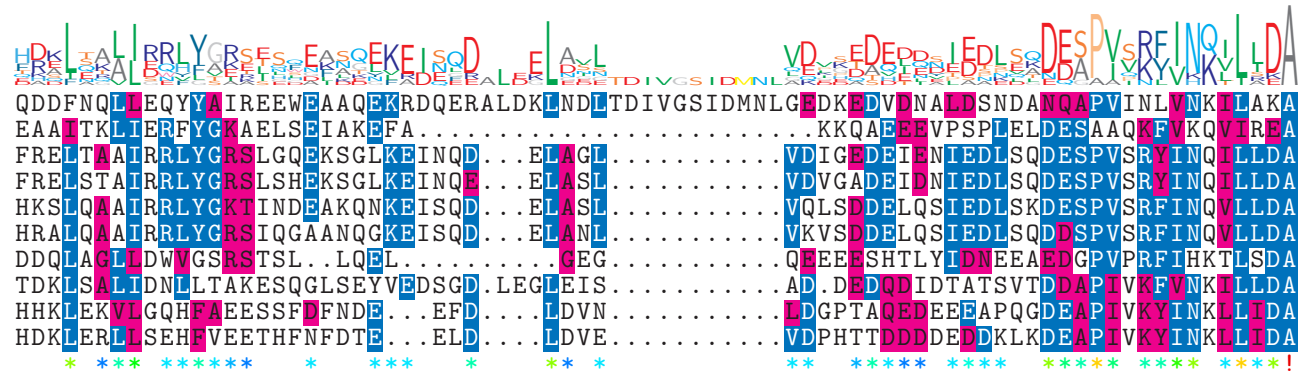
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 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1  
 consensus



164  
463  
127  
127  
127  
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126  
135  
135  
135

logo

NTDB id 1410 SGL RS13950 WP 010873519.1  
 NTDB id 1028 TT RS08215 WP 011173991.1  
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 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1  
 consensus



244  
518  
193  
193  
193  
183  
202  
197  
197

logo

NTDB id 1410 SGL RS13950 WP 010873519.1  
 NTDB id 1028 TT RS08215 WP 011173991.1  
 NTDB id 1401 DSB67 RS12665 WP 010643259.1  
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 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1  
 consensus



322  
595  
271  
271  
271  
262  
280  
275  
275

logo

NTDB id 1410 SGL RS13950 WP 010873519.1  
 NTDB id 1028 TT RS08215 WP 011173991.1  
 NTDB id 1401 DSB67 RS12665 WP 010643259.1  
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 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1  
 consensus



402  
675  
351  
351  
351  
351  
342  
360  
355  
355

logo

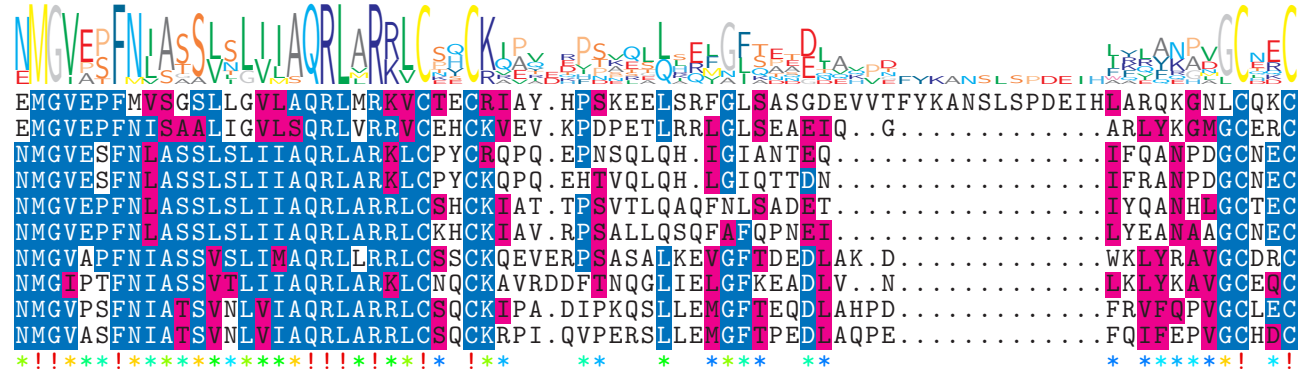
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 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1  
 consensus



482  
755  
431  
431  
431  
431  
422  
440  
435  
435

logo

NTDB id 1410 SGL RS13950 WP 010873519.1  
 NTDB id 1028 TT RS08215 WP 011173991.1  
 NTDB id 1401 DSB67 RS12665 WP 010643259.1  
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 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1  
 consensus



561  
819  
492  
492  
493  
493  
488  
505  
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501

logo

NTDB id 1410 SGL RS13950 WP 010873519.1  
 NTDB id 1028 TT RS08215 WP 011173991.1  
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 consensus



641  
889  
561  
561  
562  
562  
558  
574  
570  
570

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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 1401 DSB67 RS12665 WP 010643259.1   | .....                           | 561 |
| NTDB id 1293 VP RS12240 WP 005479695.1      | .....                           | 561 |
| NTDB id 55076 OCV04 RS12495 WP 171138259.1  | .....                           | 562 |
| NTDB id 1168 A1552VC RS11070 WP 000957200.1 | .....                           | 562 |
| 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