

|                                               |                                                                                   |    |
|-----------------------------------------------|-----------------------------------------------------------------------------------|----|
| NTDB id 1410 SGL RS13950 WP 010873519.1       | .....                                                                             | 0  |
| NTDB id 1028 TT RS08215 WP 011173991.1        | MSVLTIIGDKRLGAALLDAGLLTDEELQRALERHREVGGS�AEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVKV | 80 |
| NTDB id 1168 A1552VC RS11070 WP 000957200.1   | .....                                                                             | 0  |
| NTDB id 1293 VP RS12240 WP 005479695.1        | .....                                                                             | 0  |
| NTDB id 1401 DSB67 RS12665 WP 010643259.1     | .....                                                                             | 0  |
| NTDB id 1110 NGFG RS09235 WP 003689817.1      | .....                                                                             | 0  |
| NTDB id 1251 GC085 RS07725 WP 011946523.1     | .....                                                                             | 0  |
| NTDB id 1018 ACIAD RS01685 WP 004920473.1     | .....                                                                             | 0  |
| NTDB id 1088789 ACLUR8 RS15885 WP 001274989.1 | .....                                                                             | 0  |
| NTDB id 1058 ABD1 RS01615 WP 001274986.1      | .....                                                                             | 0  |
| consensus                                     |                                                                                   |    |

|                                               |                                                                                  |     |
|-----------------------------------------------|----------------------------------------------------------------------------------|-----|
| NTDB id 1410 SGL RS13950 WP 010873519.1       | .....                                                                            | 0   |
| NTDB id 1028 TT RS08215 WP 011173991.1        | ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG | 160 |
| NTDB id 1168 A1552VC RS11070 WP 000957200.1   | .....                                                                            | 0   |
| NTDB id 1293 VP RS12240 WP 005479695.1        | .....                                                                            | 0   |
| NTDB id 1401 DSB67 RS12665 WP 010643259.1     | .....                                                                            | 0   |
| NTDB id 1110 NGFG RS09235 WP 003689817.1      | .....                                                                            | 0   |
| NTDB id 1251 GC085 RS07725 WP 011946523.1     | .....                                                                            | 0   |
| NTDB id 1018 ACIAD RS01685 WP 004920473.1     | .....                                                                            | 0   |
| NTDB id 1088789 ACLUR8 RS15885 WP 001274989.1 | .....                                                                            | 0   |
| NTDB id 1058 ABD1 RS01615 WP 001274986.1      | .....                                                                            | 0   |
| consensus                                     |                                                                                  |     |

|                                               |                                                                                 |     |
|-----------------------------------------------|---------------------------------------------------------------------------------|-----|
| NTDB id 1410 SGL RS13950 WP 010873519.1       | .....                                                                           | 0   |
| NTDB id 1028 TT RS08215 WP 011173991.1        | EGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALLL | 240 |
| NTDB id 1168 A1552VC RS11070 WP 000957200.1   | .....                                                                           | 0   |
| NTDB id 1293 VP RS12240 WP 005479695.1        | .....                                                                           | 0   |
| NTDB id 1401 DSB67 RS12665 WP 010643259.1     | .....                                                                           | 0   |
| NTDB id 1110 NGFG RS09235 WP 003689817.1      | .....                                                                           | 0   |
| NTDB id 1251 GC085 RS07725 WP 011946523.1     | .....                                                                           | 0   |
| NTDB id 1018 ACIAD RS01685 WP 004920473.1     | .....                                                                           | 0   |
| NTDB id 1088789 ACLUR8 RS15885 WP 001274989.1 | .....                                                                           | 0   |
| NTDB id 1058 ABD1 RS01615 WP 001274986.1      | .....                                                                           | 0   |
| consensus                                     |                                                                                 |     |

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NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus

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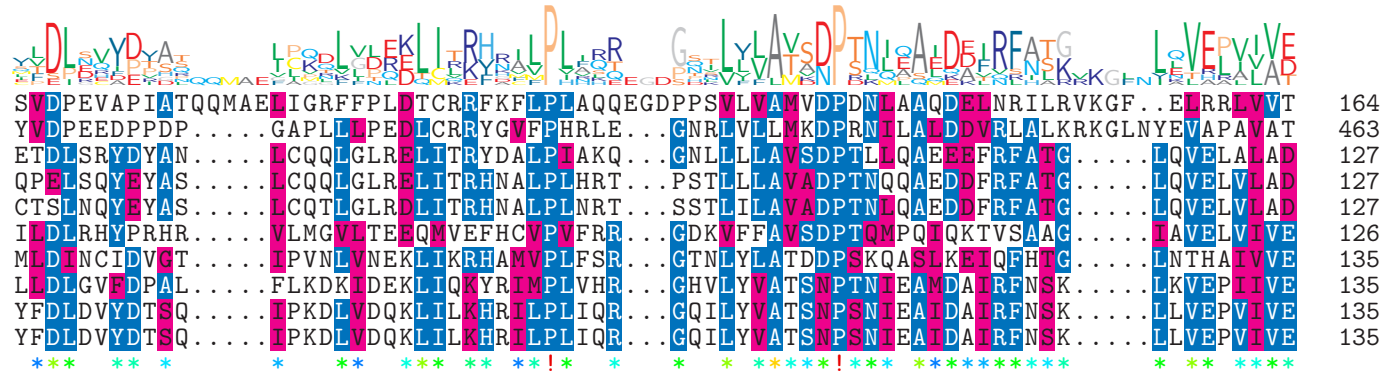
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NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
NTDB id 1293 VP RS12240 WP 005479695.1
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NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus

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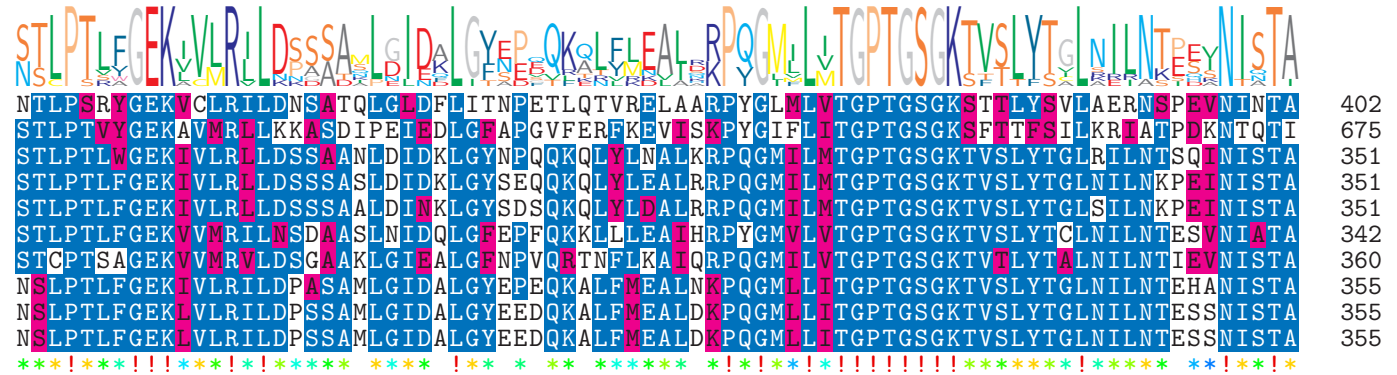
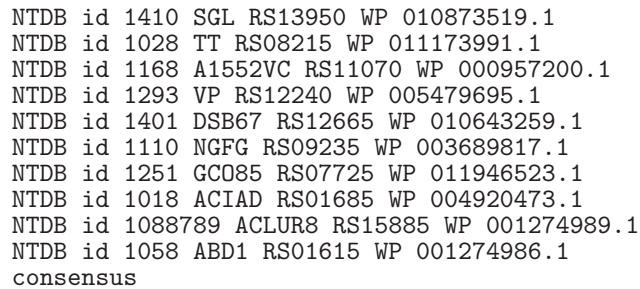
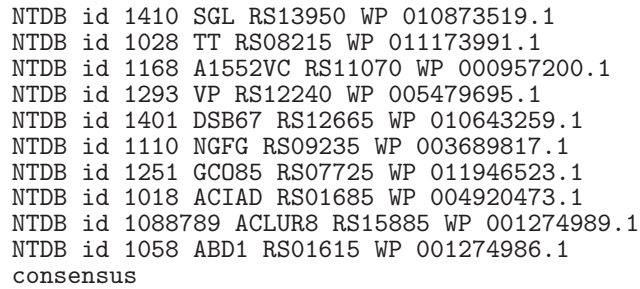
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NTDB id 1410 SGL RS13950 WP 010873519.1
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NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus

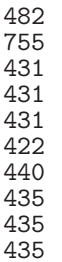
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NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1028 TT RS08215 WP 011173991.1
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consensus

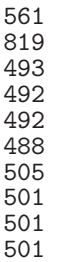
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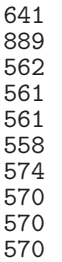
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NTDB id 1028 TT RS08215 WP 011173991.1
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NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus
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logo

|                                               |                                 |     |
|-----------------------------------------------|---------------------------------|-----|
| NTDB id 1410 SGL RS13950 WP 010873519.1       | KRKSALTCRTCAAELQQEWLDCPYCMTSRFS | 672 |
| NTDB id 1028 TT RS08215 WP 011173991.1        | .....                           | 889 |
| NTDB id 1168 A1552VC RS11070 WP 000957200.1   | .....                           | 562 |
| NTDB id 1293 VP RS12240 WP 005479695.1        | .....                           | 561 |
| NTDB id 1401 DSB67 RS12665 WP 010643259.1     | .....                           | 561 |
| NTDB id 1110 NGFG RS09235 WP 003689817.1      | .....                           | 558 |
| NTDB id 1251 GC085 RS07725 WP 011946523.1     | .....                           | 574 |
| NTDB id 1018 ACIAD RS01685 WP 004920473.1     | .....                           | 570 |
| NTDB id 1088789 ACLUR8 RS15885 WP 001274989.1 | .....                           | 570 |
| NTDB id 1058 ABD1 RS01615 WP 001274986.1      | .....                           | 570 |
| consensus                                     |                                 |     |

-  non conserved
-  similar
-  ≥ 50% conserved