

logo

|                                               |                                                                                   |    |
|-----------------------------------------------|-----------------------------------------------------------------------------------|----|
| NTDB id 1028 TT RS08215 WP 011173991.1        | MSXLSIGDRRLGAALLDAGLLTDEELQRALERHREVGGS LAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK | 80 |
| NTDB id 1306 DR RS10060 WP 027479822.1        | .MALSIGDRRLGAILLDQGYLGNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAAL   | 79 |
| 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 1134868 ACLVWB RS15710 WP 289882848.1 | .....                                                                             | 0  |
| NTDB id 1058 ABD1 RS01615 WP 001274986.1      | .....                                                                             | 0  |
| NTDB id 1018 ACIAD RS01685 WP 004920473.1     | .....                                                                             | 0  |
| consensus                                     |                                                                                   |    |

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|-----------------------------------------------|----------------------------------------------------------------------------------|-----|
| NTDB id 1028 TT RS08215 WP 011173991.1        | REYRAELRAIPFALBEEAGYRVAHYBPLSISIEYEDSGYEPYQTLREAYMAAHHYPELGLLEYMPSGK             | 158 |
| NTDB id 1306 DR RS10060 WP 027479822.1        | ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P | 157 |
| NTDB id 1168 A1552VC RS11070 WP 000957200.1   | RSIRPQTALNLQAFPFALE..GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEIVVPSGA | 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   |
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| NTDB id 1058 ABD1 RS01615 WP 001274986.1      | .....                                                                            | 0   |
| NTDB id 1018 ACIAD RS01685 WP 004920473.1     | .....                                                                            | 0   |
| consensus                                     |                                                                                  |     |

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| NTDB id 1028 TT RS08215 WP 011173991.1        | SGEGQKDLKLGELLLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAA | 237 |
| NTDB id 1306 DR RS10060 WP 027479822.1        | SDAGRTGGKLGRLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVL   | 237 |
| 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 1134868 ACLVWB RS15710 WP 289882848.1 | .....                                                                            | 0   |
| NTDB id 1058 ABD1 RS01615 WP 001274986.1      | .....                                                                            | 0   |
| NTDB id 1018 ACIAD RS01685 WP 004920473.1     | .....                                                                            | 0   |
| consensus                                     |                                                                                  |     |

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[illegible]

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consensus

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[illegible]

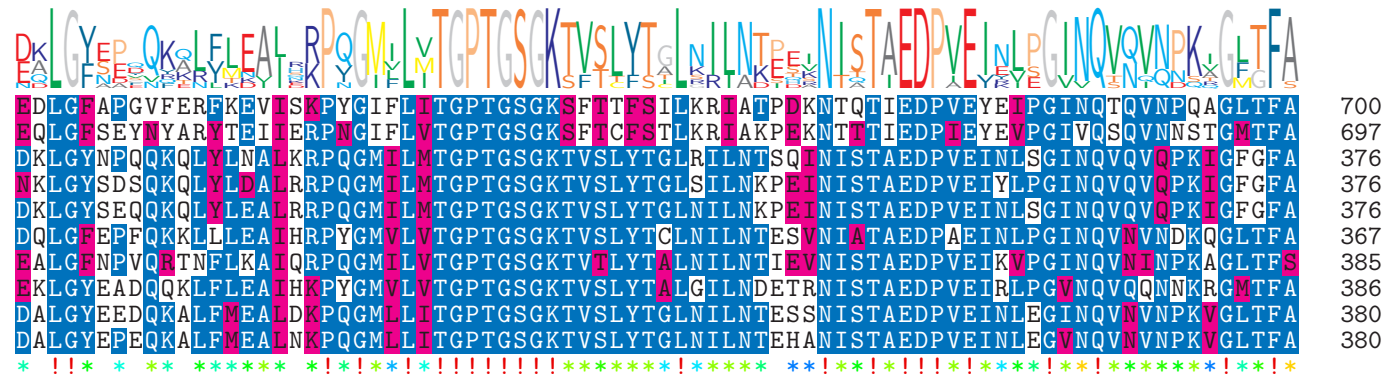
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NTDB id 1028 TT RS08215 WP 011173991.1
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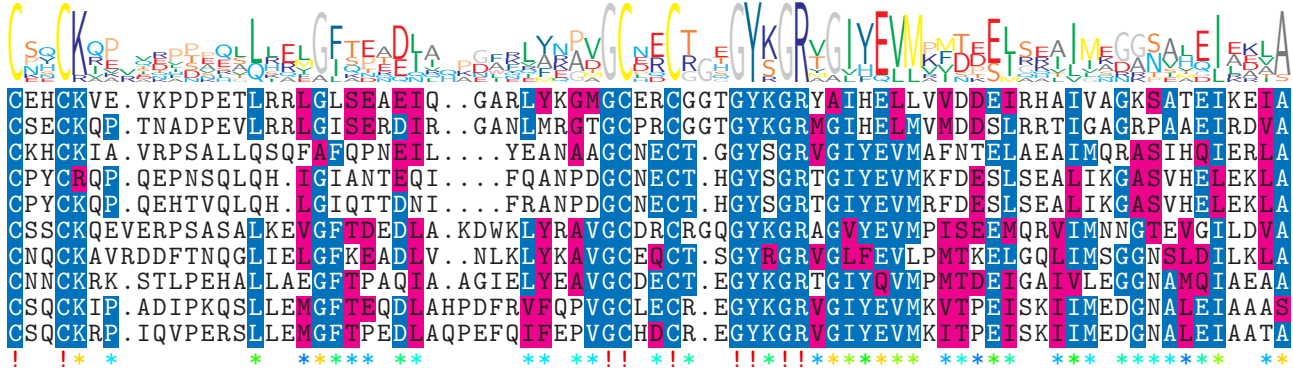
NTDB id 1028 TT RS08215 WP 011173991.1  
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consensus



780  
777  
456  
456  
447  
465  
466  
460  
460

logo

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consensus



857  
854  
530  
529  
529  
526  
542  
543  
538  
538

logo

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consensus



889  
887  
562  
561  
561  
558  
574  
575  
570  
570

☒ non conserved  
☒ similar  
☒ ≥ 50% conserved