

logo

|                                             |                                                                                  |    |
|---------------------------------------------|----------------------------------------------------------------------------------|----|
| NTDB id 1306 DR RS10060 WP 027479822.1      | MSXLSIGDRLGAALLDQGYLGNDLQRALERHSEVGGRLADVLDIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAAL  | 79 |
| NTDB id 1028 TT RS08215 WP 011173991.1      | MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK | 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 211650 BVD88 RS01785 WP 002221967.1 | .....                                                                            | 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 1058 ABD1 RS01615 WP 001274986.1    | .....                                                                            | 0  |
| consensus                                   |                                                                                  |    |

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|---------------------------------------------|-----------------------------------------------------------------------------------|-----|
| NTDB id 1306 DR RS10060 WP 027479822.1      | RSIRPQTALNLQAFPPFALE..GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLIYVPPSGA | 157 |
| NTDB id 1028 TT RS08215 WP 011173991.1      | ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P  | 158 |
| 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 211650 BVD88 RS01785 WP 002221967.1 | .....                                                                             | 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 1058 ABD1 RS01615 WP 001274986.1    | .....                                                                             | 0   |
| consensus                                   |                                                                                   |     |

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|---------------------------------------------|--------------------------------------------------------------------------------|-----|
| NTDB id 1306 DR RS10060 WP 027479822.1      | SDAGRTGGKLGRLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVL | 237 |
| NTDB id 1028 TT RS08215 WP 011173991.1      | SGEGQKDLKLGELLQKGWISREALEEALVEQKTGDLLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAA | 237 |
| 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   |
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| 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 1058 ABD1 RS01615 WP 001274986.1    | .....                                                                          | 0   |
| consensus                                   |                                                                                |     |

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[illegible]

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consensus
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[illegible]

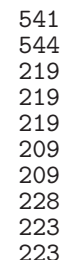
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[illegible]

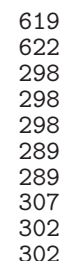
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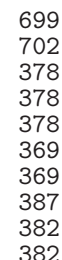
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NTDB id 1058 ABD1 RS01615 WP 001274986.1  
consensus



779  
782  
458  
458  
458  
449  
449  
467  
462  
462

logo

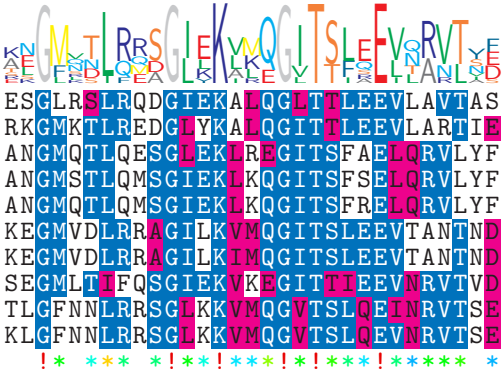
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consensus



856  
858  
531  
530  
530  
527  
527  
543  
539  
539

logo

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NTDB id 1058 ABD1 RS01615 WP 001274986.1  
consensus



887  
889  
562  
561  
561  
558  
558  
574  
570  
570

☒ non conserved  
☒ similar  
☒ ≥ 50% conserved