

logo

|   |  |    |
|---|--|----|
| NTDB id 1306 DR RS10060 WP 027479822.1      | MSXLRIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLAVQPPDPAAL | 79 |
| NTDB id 1028 TT RS08215 WP 011173991.1      | MSVLTIGDKRLGAILLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK | 80 |
| NTDB id 1384 A4U84 RS08525 WP 010787006.1   | .....  | 0  |
| NTDB id 304570 DV428 RS03640 WP 114908722.1 | .....  | 0  |
| NTDB id 1366 NTHI RS01950 WP 011271972.1    | .....  | 0  |
| NTDB id 1355 HI 0298 AAC21962.1             | .....  | 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 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                                   | .....  | 0  |

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|   |  |     |
|---|--|-----|
| NTDB id 1306 DR RS10060 WP 027479822.1      | RSIRPQTALNLQAFPPFALE..GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLLEIVVPSGA | 157 |
| NTDB id 1028 TT RS08215 WP 011173991.1      | ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDTLISLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P  | 158 |
| NTDB id 1384 A4U84 RS08525 WP 010787006.1   | .....  | 0   |
| NTDB id 304570 DV428 RS03640 WP 114908722.1 | .....  | 0   |
| NTDB id 1366 NTHI RS01950 WP 011271972.1    | .....  | 0   |
| NTDB id 1355 HI 0298 AAC21962.1             | .....  | 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 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                                   | .....  | 0   |

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|---|---|-----|
| NTDB id 1306 DR RS10060 WP 027479822.1      | SDAGRTGGKLGRLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFFHPGEEVL | 237 |
| NTDB id 1028 TT RS08215 WP 011173991.1      | SGEGQKDKLKGELLQKQWISREALEEALVEQEKTDGDLGRILV.RKGLPEEALYRALAEQKGLFLESTEGIVPDPSAA  | 237 |
| NTDB id 1384 A4U84 RS08525 WP 010787006.1   | .....   | 0   |
| NTDB id 304570 DV428 RS03640 WP 114908722.1 | .....   | 0   |
| NTDB id 1366 NTHI RS01950 WP 011271972.1    | .....   | 0   |
| NTDB id 1355 HI 0298 AAC21962.1             | .....   | 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   |
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| NTDB id 1018 ACIAD RS01685 WP 004920473.1   | .....   | 0   |
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consensus

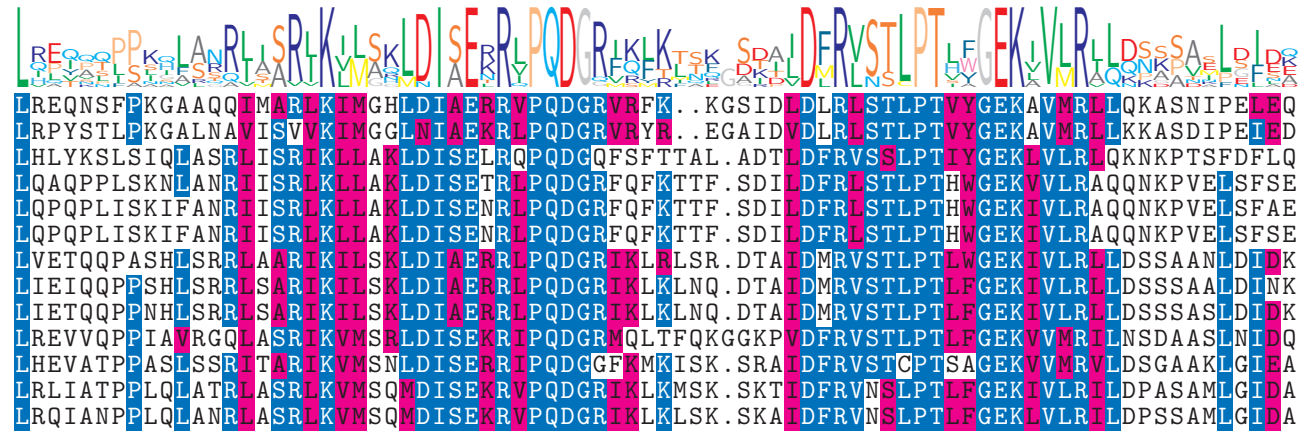


541  
544  
154  
159  
159  
159  
219  
219  
219  
209  
228  
223  
223

logo

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consensus

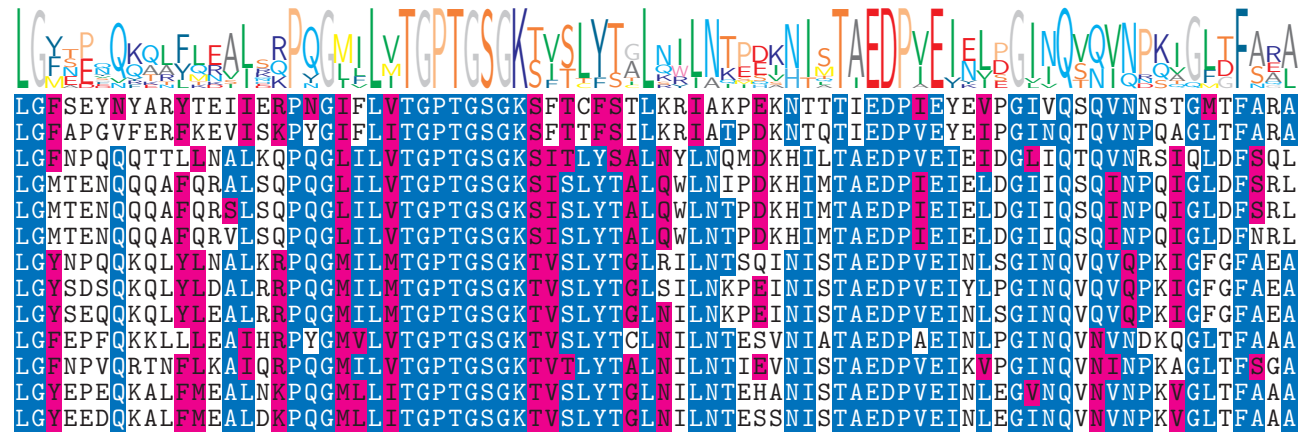


619  
622  
233  
238  
238  
238  
298  
298  
298  
289  
307  
302  
302

logo

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 NTDB id 1028 TT RS08215 WP 011173991.1  
 NTDB id 1384 A4U84 RS08525 WP 010787006.1  
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consensus



699  
702  
313  
318  
318  
318  
378  
378  
378  
369  
387  
382  
382



 non conserved  
 similar  
  $\geq 50\%$  conserved