

logo

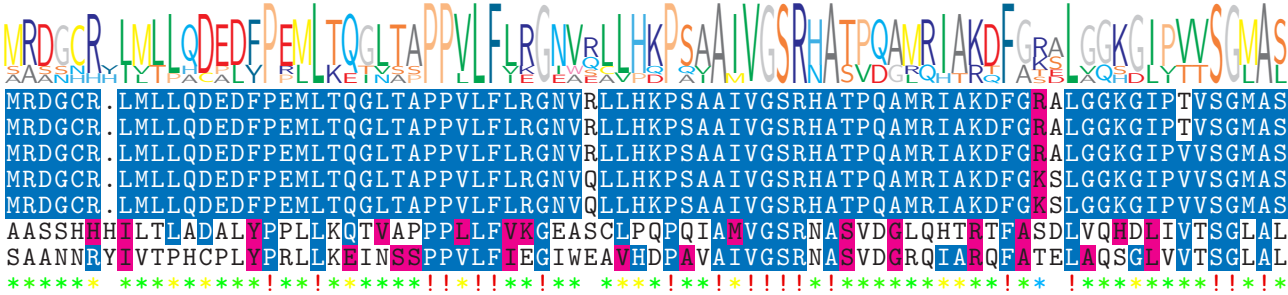
NTDB id 1122 OK783 RS09595 WP 003705341.1  
NTDB id 1120 NGFG RS10355 WP 020997408.1  
NTDB id 301792 DRA65 RS09935 WP 002216225.1  
NTDB id 1094 KZH42 RS01320 WP 002224767.1  
NTDB id 1089 NMB RS00600 WP 002224767.1  
NTDB id 1399 DSB67 RS15600 WP 010645755.1  
NTDB id 1152 A1552VC RS00200 WP 000654772.1  
consensus



77  
77  
77  
77  
77  
73  
71

logo

NTDB id 1122 OK783 RS09595 WP 003705341.1  
NTDB id 1120 NGFG RS10355 WP 020997408.1  
NTDB id 301792 DRA65 RS09935 WP 002216225.1  
NTDB id 1094 KZH42 RS01320 WP 002224767.1  
NTDB id 1089 NMB RS00600 WP 002224767.1  
NTDB id 1399 DSB67 RS15600 WP 010645755.1  
NTDB id 1152 A1552VC RS00200 WP 000654772.1  
consensus



156  
156  
156  
156  
156  
153  
151

logo

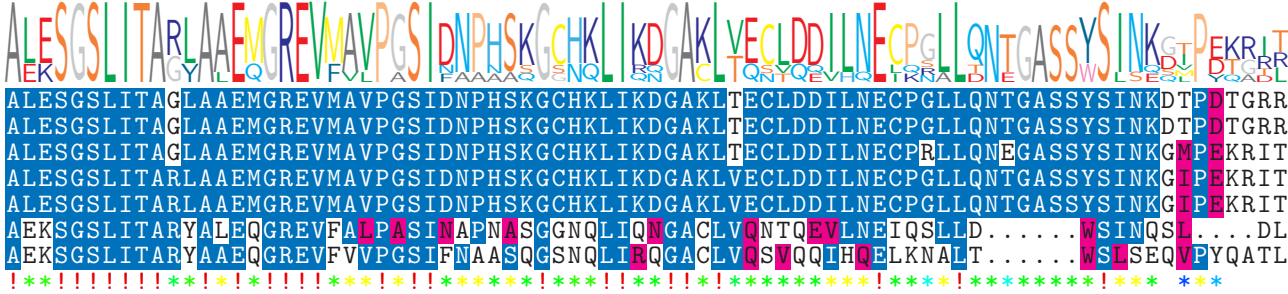
NTDB id 1122 OK783 RS09595 WP 003705341.1  
NTDB id 1120 NGFG RS10355 WP 020997408.1  
NTDB id 301792 DRA65 RS09935 WP 002216225.1  
NTDB id 1094 KZH42 RS01320 WP 002224767.1  
NTDB id 1089 NMB RS00600 WP 002224767.1  
NTDB id 1399 DSB67 RS15600 WP 010645755.1  
NTDB id 1152 A1552VC RS00200 WP 000654772.1  
consensus



236  
236  
236  
236  
236  
233  
231

logo

NTDB id 1122 OK783 RS09595 WP 003705341.1  
NTDB id 1120 NGFG RS10355 WP 020997408.1  
NTDB id 301792 DRA65 RS09935 WP 002216225.1  
NTDB id 1094 KZH42 RS01320 WP 002224767.1  
NTDB id 1089 NMB RS00600 WP 002224767.1  
NTDB id 1399 DSB67 RS15600 WP 010645755.1  
NTDB id 1152 A1552VC RS00200 WP 000654772.1  
consensus



316  
316  
316  
316  
316  
303  
305

logo

|                                             |                                             |                                               |     |
|---------------------------------------------|---------------------------------------------|-----------------------------------------------|-----|
| NTDB id 1122 OK783 RS09595 WP 003705341.1   | AVQTASDQLSLPEGKMPSEKTENRPVGGSLDRMGFDPVHPDVL | AGQLAMPAADLYAALLELELDGSVAAMPGGRYQRIR          | 394 |
| NTDB id 1120 NGFG RS10355 WP 020997408.1    | TVQTAY..APPPAAKMPSEGAAGGTAVGG               | ILDKMGFDPVHPDVL                               | 394 |
| NTDB id 301792 DRA65 RS09935 WP 002216225.1 | AVQTASDQLSLPEGKMPSEKTENRPVGGSLDRMGFDPVHPDVL | AGQLAMPAADLYAALLELELDGSVAAMPGGRYQRIR          | 396 |
| NTDB id 1094 KZH42 RS01320 WP 002224767.1   | AVQTASDQLSLPEGKMPSEKTENRPVGGSLDRMGFDPVHPDVL | AGQLAMPAADLYAALLELELDGSVAAMPGGRYQRIR          | 396 |
| NTDB id 1089 NMB RS00600 WP 002224767.1     | AVQTASDQLSLPEGKMPSEKTENRPVGGSLDRMGFDPVHPDVL | AGQLAMPAADLYAALLELELDGSVAAMPGGRYQRIR          | 396 |
| NTDB id 1399 DSB67 RS15600 WP 010645755.1   | FSA.....P.....IDEEELPFPQLLANVGN             | EATPVDILASRTNIPVQEVMMQLLELELSGHVVAVSGGYIRKGR  | 368 |
| NTDB id 1152 A1552VC RS00200 WP 000654772.1 | FSA.....V.....QSDDEELPFPELLANVGI            | EATPIDILASRTQIPVQDILMMQLLELELLGHVVAVPGGYIRKGR | 370 |
| consensus                                   | *****                                       | * **** * *                                    |     |

logo

|                                             |   |     |
|---------------------------------------------|---|-----|
| NTDB id 1122 OK783 RS09595 WP 003705341.1   | T | 395 |
| NTDB id 1120 NGFG RS10355 WP 020997408.1    | T | 395 |
| NTDB id 301792 DRA65 RS09935 WP 002216225.1 | T | 397 |
| NTDB id 1094 KZH42 RS01320 WP 002224767.1   | T | 397 |
| NTDB id 1089 NMB RS00600 WP 002224767.1     | T | 397 |
| NTDB id 1399 DSB67 RS15600 WP 010645755.1   | G | 369 |
| NTDB id 1152 A1552VC RS00200 WP 000654772.1 | G | 371 |
| consensus                                   | * |     |

- X non conserved
- X similar
- X ≥ 50% conserved