

logo

| | | | |
|----------------|--------------------------------|--|----|
| | | MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK | 80 |
| NTDB id 1028 | TT RS08215 WP 011173991.1 | MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK | 80 |
| NTDB id 1306 | DR RS10060 WP 027479822.1 | .MALSIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLAVQPDPAAAL | 79 |
| NTDB id 1110 | NGFG RS09235 WP 003689817.1 | ..... | 0 |
| 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 1251 | GCO85 RS07725 WP 011946523.1 | ..... | 0 |
| NTDB id 270265 | BKM03 RS05495 WP 005736083.1 | ..... | 0 |
| NTDB id 1058 | ABD1 RS01615 WP 001274986.1 | ..... | 0 |
| NTDB id 1018 | ACIAD RS01685 WP 004920473.1 | ..... | 0 |
| consensus |  | ..... | 0 |

logo

| | | | |
|----------------|--------------------------------|--|-----|
| | | ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDPLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLLEIVVPSGA | 158 |
| NTDB id 1028 | TT RS08215 WP 011173991.1 | ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDPLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLLEIVVPSGA | 158 |
| NTDB id 1306 | DR RS10060 WP 027479822.1 | RSIRPQTALNLQAFPPFALE..GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLLEIVVPSGA | 157 |
| NTDB id 1110 | NGFG RS09235 WP 003689817.1 | ..... | 0 |
| 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 1251 | GCO85 RS07725 WP 011946523.1 | ..... | 0 |
| NTDB id 270265 | BKM03 RS05495 WP 005736083.1 | ..... | 0 |
| NTDB id 1058 | ABD1 RS01615 WP 001274986.1 | ..... | 0 |
| NTDB id 1018 | ACIAD RS01685 WP 004920473.1 | ..... | 0 |
| consensus |  | ..... | 0 |

logo

| | | | |
|----------------|--------------------------------|--|-----|
| | | SGEGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVDPDPSAA | 237 |
| NTDB id 1028 | TT RS08215 WP 011173991.1 | SGEGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVDPDPSAA | 237 |
| NTDB id 1306 | DR RS10060 WP 027479822.1 | SDAGRTGGKLGRLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVL | 237 |
| NTDB id 1110 | NGFG RS09235 WP 003689817.1 | ..... | 0 |
| 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 1251 | GCO85 RS07725 WP 011946523.1 | ..... | 0 |
| NTDB id 270265 | BKM03 RS05495 WP 005736083.1 | ..... | 0 |
| NTDB id 1058 | ABD1 RS01615 WP 001274986.1 | ..... | 0 |
| NTDB id 1018 | ACIAD RS01685 WP 004920473.1 | ..... | 0 |
| consensus |  | ..... | 0 |

logo

NTDB id 1028 TT RS08215 WP 011173991.1
 NTDB id 1306 DR RS10060 WP 027479822.1
 NTDB id 1110 NGFG RS09235 WP 003689817.1
 NTDB id 1168 A1552VC RS11070 WP 000957200.1
 NTDB id 1293 VP RS12240 WP 005479695.1
 NTDB id 1401 DSB67 RS12665 WP 010643259.1
 NTDB id 1251 GC085 RS07725 WP 011946523.1
 NTDB id 270265 BKM03 RS05495 WP 005736083.1
 NTDB id 1058 ABD1 RS01615 WP 001274986.1
 NTDB id 1018 ACIAD RS01685 WP 004920473.1

.....LRLRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYLLALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSR
 GMSLRADALRLLAVPVDETEQGVTVLTS DPRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPQGRGLGEQLVQEGTLSR

317
 317
 0
 0
 0
 0
 0
 0
 0
 0

consensus

logo

NTDB id 1028 TT RS08215 WP 011173991.1
 NTDB id 1306 DR RS10060 WP 027479822.1
 NTDB id 1110 NGFG RS09235 WP 003689817.1
 NTDB id 1168 A1552VC RS11070 WP 000957200.1
 NTDB id 1293 VP RS12240 WP 005479695.1
 NTDB id 1401 DSB67 RS12665 WP 010643259.1
 NTDB id 1251 GC085 RS07725 WP 011946523.1
 NTDB id 270265 BKM03 RS05495 WP 005736083.1
 NTDB id 1058 ABD1 RS01615 WP 001274986.1
 NTDB id 1018 ACIAD RS01685 WP 004920473.1

.....M...L...V...E...V...S...D...P...R...K...E...Y...R...L...Y...R...P...X...S...M...L...T...E...P...S...Y...E...E...L...E...S...Y...P...Q...R...N...L...G...E...L...V...Q...E...G...L...S...R
 EALKEALEVQKGLPRAKPLGEILVELGLARPEDVEEALQKQRGGGRLLEDTLVQSGKLRPEALAQAVATQLGYPYVDPEE
 DQLREALQVQAREGKVKPLGEVITELGFASPDEVDALQKQNVGGRLLEDTLVQSGKLSPEMLARSLAAQLGYEFLDPIQ
MSVGLLLRILVQNQVVTVEQAHEHYNESQ.AGKEVLPMLFSDGVI SPKSLAAL IARVFSYSILDLRH
MLTNLVA ILRQAELISATQEQAVVTQVSASGTSVPEALLELSIFHAQELTEQLSHIFGLPETDLR
MHSNLSLILRQKGLTFSQEEESLIEQVKASGISMPEALLSSGFFTSSELAEHLSSIFGLSQPELSQ
MLTNLSTVLRQAGILTFSQEEESLIEQVKASGISMPEALLSSGFFQSHELTEHLSSVFGLSCTSLNQ
MALATEEYRLQGIQLLVLEKLLDKTKAIELHKLAAAEEKISLLQYIVKNKILSAEQIALTA A QNFVGPMLDINC
MTDAVLTGLAKQLVLAELLTEPVAQQAYQQARRDKISLVSYLVQNKLVKSLTLAEMASDQFGVPMFLAS
MSALHTSPKFTGFFRRLVEEKHVSAAATMQTALDAAKRAKQDTVAYLIEEVHLSPSLLAETISA EFAEPYFDLDV
MSAFTTPPKFSGFIRRLVEEGYVNAQNMQQALEKAKKFKQDTPYLLIDNFSISPLTIAEILSLEFGEPLLDLGV

397
 397
 65
 66
 66
 66
 74
 70
 74
 74

consensus

logo

NTDB id 1028 TT RS08215 WP 011173991.1
 NTDB id 1306 DR RS10060 WP 027479822.1
 NTDB id 1110 NGFG RS09235 WP 003689817.1
 NTDB id 1168 A1552VC RS11070 WP 000957200.1
 NTDB id 1293 VP RS12240 WP 005479695.1
 NTDB id 1401 DSB67 RS12665 WP 010643259.1
 NTDB id 1251 GC085 RS07725 WP 011946523.1
 NTDB id 270265 BKM03 RS05495 WP 005736083.1
 NTDB id 1058 ABD1 RS01615 WP 001274986.1
 NTDB id 1018 ACIAD RS01685 WP 004920473.1

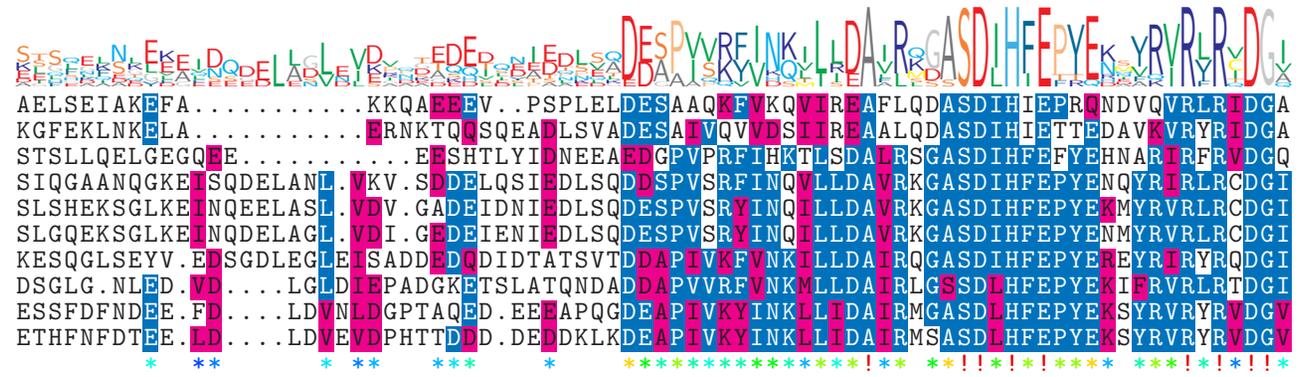
.....D...Y...A...S...L...P...C...C...L...V...L...E...K...L...I...R...H...A...L...D...L...R...R...G...N...L...Y...L...A...V...S...D...P...T...N...L...A...D...D...R...F...A...T...G
 DPPDPGAPLLIPELDCRRYGVFPHRLEGNRLVLLMKDPRNIALDDVRLALKRKGLNVEVAPAVATEAAITKLIERFYGK
 NPPDPKVALMIP EATARRVYVVPVRLQGNLSLVAMKDPRNVFALDDLKLTIG.....KEILPAVMAEKDIIRLIERYFGE
 YPRHRVLMGVLTEEQMVEFHCVPVFRRGDKVFFAVSDPTQMPQIQKTVSAAG.....TAVELVIVEDDQLAGLLDWVGSR
 YDYANLCQQLGLRELITRYDALPIAKQGNLLLVAVSDPTLLQAE EEFRFATG.....LQVELALADHRALQAAIRRLYGR
 YEYASLCQQLGLRELITRHNALPLHRTPTSTLLLAVADPTNQAEDDFRFATG.....LQVELVLADFRELSTAIRRLYGR
 YEYASLCQTLGLRDLITRHNALPLNRTSSTLILAVADPTNLQAEDDFRFATG.....LQVELVLADFRELTAAIRRLYGR
 IDVGTIPVNLVNEKLIKRRHAMVPLFSRGTNLYLATDPSKQASLKEIQFHTG.....LNTHAIVVETDKLSALIDNLLTA
 LDKESQPKGLVSEKLVQRHHALPLWRGRNKLFIGISDPTNHQAVTDIQFSTG.....LNTEAILVEDDKLTTAIDRFFDS
 YDTSQIPKDLVDQKLLKHRITLPLIQRQILYVATSNPSNTEAIDAIRFNSK.....LLVEPVIVEHHKLEKVLGQHFAE
 FDPALFLKDKIDEKLIQKYRIMPLVHRGHVLYVATSNPTNIEAMDAIRFNSK.....LKVEPIIVEHDKLERLLSEHFVE

477
 472
 140
 141
 141
 141
 149
 145
 149
 149

consensus

logo

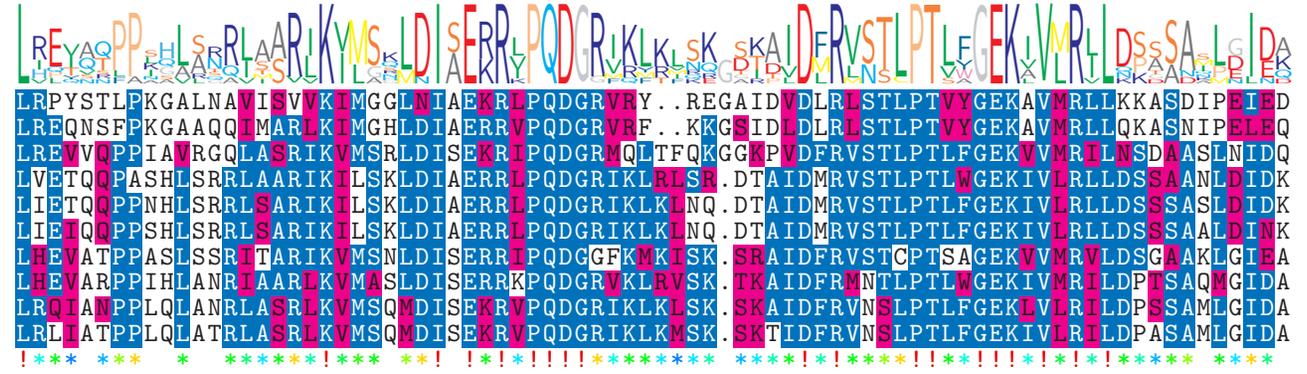
NTDB id 1028 TT RS08215 WP 011173991.1
 NTDB id 1306 DR RS10060 WP 027479822.1
 NTDB id 1110 NGFG RS09235 WP 003689817.1
 NTDB id 1168 A1552VC RS11070 WP 000957200.1
 NTDB id 1293 VP RS12240 WP 005479695.1
 NTDB id 1401 DSB67 RS12665 WP 010643259.1
 NTDB id 1251 GC085 RS07725 WP 011946523.1
 NTDB id 270265 BKM03 RS05495 WP 005736083.1
 NTDB id 1058 ABD1 RS01615 WP 001274986.1
 NTDB id 1018 ACIAD RS01685 WP 004920473.1
 consensus



544
541
209
219
219
219
228
219
223
223

logo

NTDB id 1028 TT RS08215 WP 011173991.1
 NTDB id 1306 DR RS10060 WP 027479822.1
 NTDB id 1110 NGFG RS09235 WP 003689817.1
 NTDB id 1168 A1552VC RS11070 WP 000957200.1
 NTDB id 1293 VP RS12240 WP 005479695.1
 NTDB id 1401 DSB67 RS12665 WP 010643259.1
 NTDB id 1251 GC085 RS07725 WP 011946523.1
 NTDB id 270265 BKM03 RS05495 WP 005736083.1
 NTDB id 1058 ABD1 RS01615 WP 001274986.1
 NTDB id 1018 ACIAD RS01685 WP 004920473.1
 consensus



622
619
289
298
298
298
307
298
302
302

logo

NTDB id 1028 TT RS08215 WP 011173991.1
 NTDB id 1306 DR RS10060 WP 027479822.1
 NTDB id 1110 NGFG RS09235 WP 003689817.1
 NTDB id 1168 A1552VC RS11070 WP 000957200.1
 NTDB id 1293 VP RS12240 WP 005479695.1
 NTDB id 1401 DSB67 RS12665 WP 010643259.1
 NTDB id 1251 GC085 RS07725 WP 011946523.1
 NTDB id 270265 BKM03 RS05495 WP 005736083.1
 NTDB id 1058 ABD1 RS01615 WP 001274986.1
 NTDB id 1018 ACIAD RS01685 WP 004920473.1
 consensus



702
699
369
378
378
378
387
378
382
382

