

logo

NTDB id 1306 DR RS10060 WP 027479822.1	MALSIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLAVQPDPAALR	80
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 GC085 RS07725 WP 011946523.1	.....	0
NTDB id 140786 B723 RS00210 WP 017340817.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	0
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	0
consensus		

logo

NTDB id 1306 DR RS10060 WP 027479822.1	SIRPQTALNLQAFPFALEGDRRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLIEIVVPSGASDA	160
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 GC085 RS07725 WP 011946523.1	.....	0
NTDB id 140786 B723 RS00210 WP 017340817.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	0
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	0
consensus		

logo

NTDB id 1306 DR RS10060 WP 027479822.1	GRTGGKLGGERLITHGYITDAQLQVALDAQQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPNSGFHPGEEVLGSM	240
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 GC085 RS07725 WP 011946523.1	.....	0
NTDB id 140786 B723 RS00210 WP 017340817.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	0
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	0
consensus		

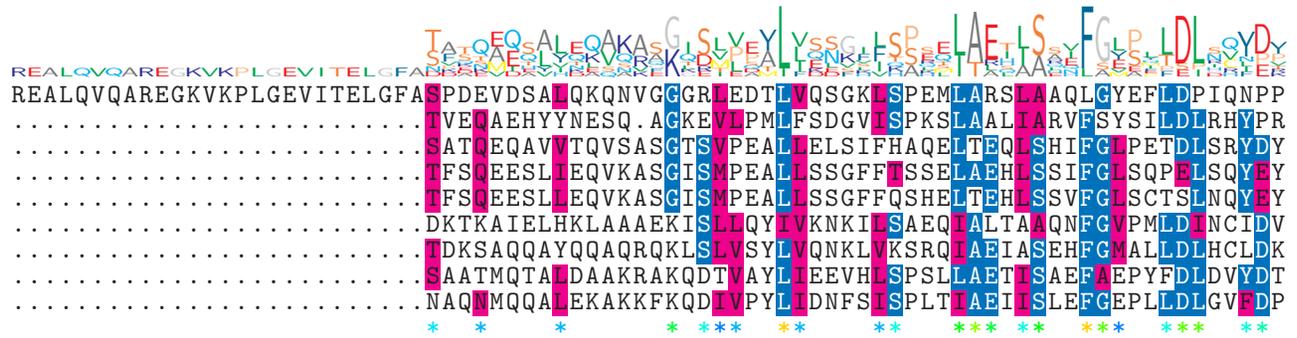
logo

NTDB id 1306 DR RS10060 WP 027479822.1	LRADALRLLAVPVDETEQGVTVLTS DPRKRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPPQRGRLEQLVQEGTISRDL	320
NTDB id 1110 NGFG RS09235 WP 003689817.1	..... MSVGLLRITLVQNQVV.....	15
NTDB id 1168 A1552VC RS11070 WP 000957200.1	..... MLTNLVAITLRQAELI.....	15
NTDB id 1293 VP RS12240 WP 005479695.1	..... MHSNLSITLRQKGLL.....	15
NTDB id 1401 DSB67 RS12665 WP 010643259.1	..... MLTNLSTVLRQAGIL.....	15
NTDB id 1251 GC085 RS07725 WP 011946523.1	..... MA..LATEEYRLQGTGQLLVLEKLL.....	23
NTDB id 140786 B723 RS00210 WP 017340817.1	..... MNDIALSGIAKQLVMAELL.....	19
NTDB id 1058 ABD1 RS01615 WP 001274986.1	..... MS..ALHTSPKFTGFFRRLVEEKHV.....	23
NTDB id 1018 ACIAD RS01685 WP 004920473.1	..... MS..AFTTPPKFSGFIRRLVEEGYV.....	23
consensus		

\*\*\* \*!\*\*\* \*\*

logo

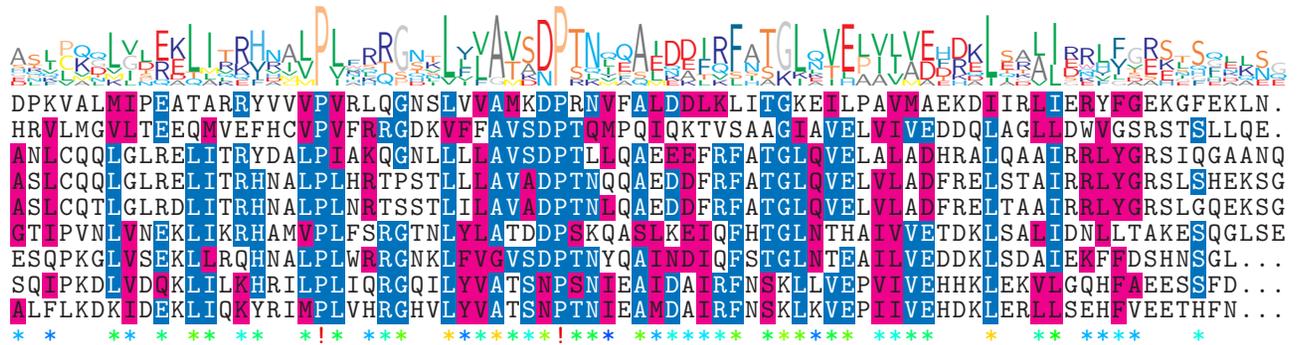
NTDB id 1306 DR RS10060 WP 027479822.1  
 NTDB id 1110 NGFG RS09235 WP 003689817.1  
 NTDB id 1168 A1552VC RS11070 WP 000957200.1  
 NTDB id 1293 VP RS12240 WP 005479695.1  
 NTDB id 1401 DSB67 RS12665 WP 010643259.1  
 NTDB id 1251 GC085 RS07725 WP 011946523.1  
 NTDB id 140786 B723 RS00210 WP 017340817.1  
 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1



400  
68  
69  
69  
77  
73  
77  
77

logo

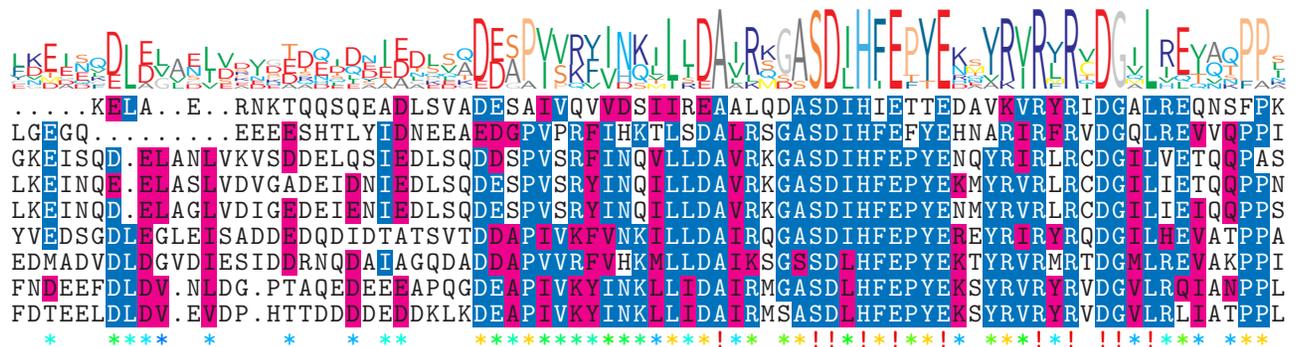
NTDB id 1306 DR RS10060 WP 027479822.1  
 NTDB id 1110 NGFG RS09235 WP 003689817.1  
 NTDB id 1168 A1552VC RS11070 WP 000957200.1  
 NTDB id 1293 VP RS12240 WP 005479695.1  
 NTDB id 1401 DSB67 RS12665 WP 010643259.1  
 NTDB id 1251 GC085 RS07725 WP 011946523.1  
 NTDB id 140786 B723 RS00210 WP 017340817.1  
 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1



479  
147  
149  
149  
149  
157  
150  
154  
154

logo

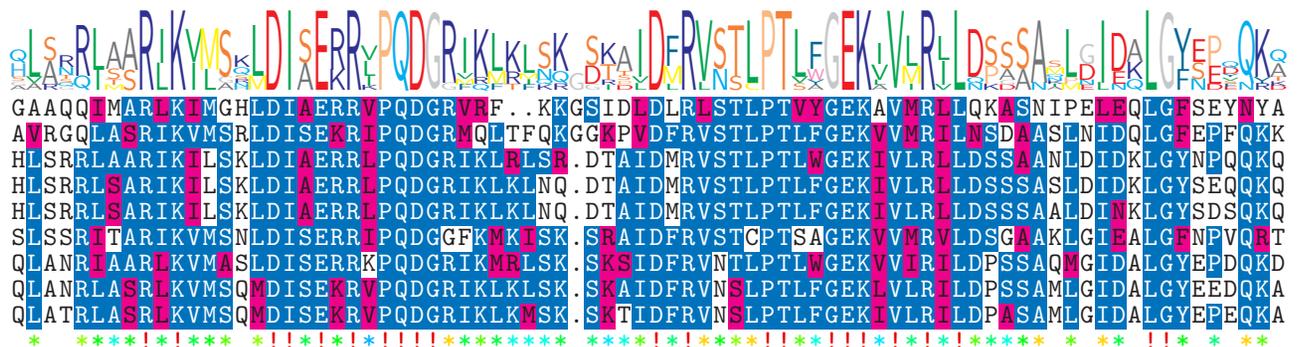
NTDB id 1306 DR RS10060 WP 027479822.1  
 NTDB id 1110 NGFG RS09235 WP 003689817.1  
 NTDB id 1168 A1552VC RS11070 WP 000957200.1  
 NTDB id 1293 VP RS12240 WP 005479695.1  
 NTDB id 1401 DSB67 RS12665 WP 010643259.1  
 NTDB id 1251 GC085 RS07725 WP 011946523.1  
 NTDB id 140786 B723 RS00210 WP 017340817.1  
 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1



550  
218  
228  
228  
228  
237  
230  
232  
232

logo

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 140786 B723 RS00210 WP 017340817.1  
 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1



628  
298  
307  
307  
307  
316  
309  
311  
311



 non conserved  
 similar  
  $\geq 50\%$  conserved