

logo

		MSXLRIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLAVQPPDPAAL	79
NTDB id 1306	DR RS10060 WP 027479822.1	.MALSIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLAVQPPDPAAL	79
NTDB id 1028	TT RS08215 WP 011173991.1	MSVLTIGDKRLGAILLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	80
NTDB id 1384	A4U84 RS08525 WP 010787006.1	.....	0
NTDB id 1355	HI 0298 AAC21962.1	.....	0
NTDB id 71078	K6J70 RS03615 WP 011961745.1	.....	0
NTDB id 1366	NTHI RS01950 WP 011271972.1	.....	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	GCO85 RS07725 WP 011946523.1	.....	0
NTDB id 1058	ABD1 RS01615 WP 001274986.1	.....	0
NTDB id 1018	ACIAD RS01685 WP 004920473.1	.....	0
consensus		.....	0

logo

		RSIRPQTALNLQAFPPFALE..GDRRLVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLLEIVVPSGA	157
NTDB id 1306	DR RS10060 WP 027479822.1	RSIRPQTALNLQAFPPFALE..GDRRLVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLLEIVVPSGA	157
NTDB id 1028	TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDTLTSLLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	158
NTDB id 1384	A4U84 RS08525 WP 010787006.1	.....	0
NTDB id 1355	HI 0298 AAC21962.1	.....	0
NTDB id 71078	K6J70 RS03615 WP 011961745.1	.....	0
NTDB id 1366	NTHI RS01950 WP 011271972.1	.....	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	GCO85 RS07725 WP 011946523.1	.....	0
NTDB id 1058	ABD1 RS01615 WP 001274986.1	.....	0
NTDB id 1018	ACIAD RS01685 WP 004920473.1	.....	0
consensus		.....	0

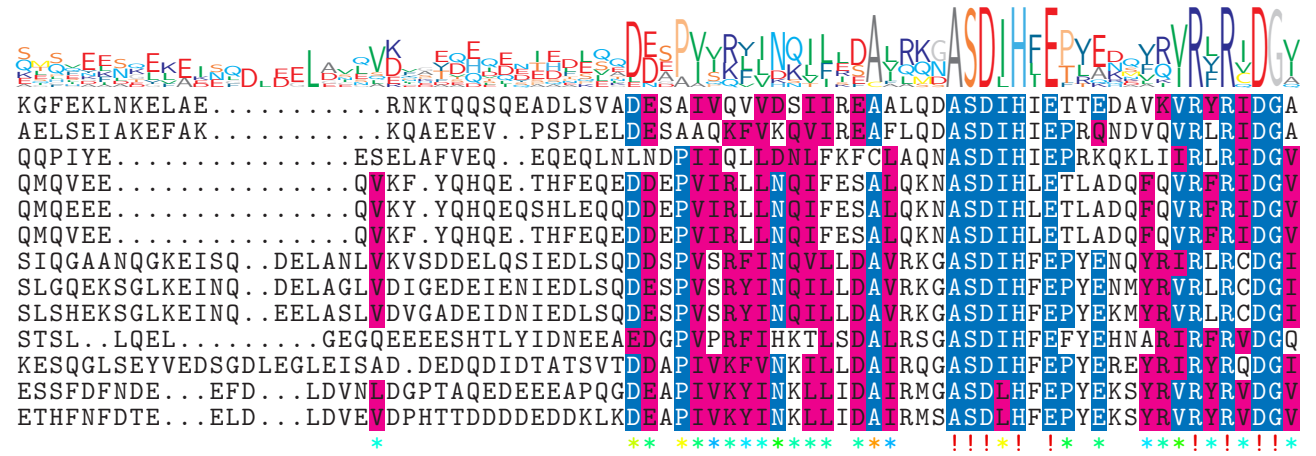
logo

		SDAGRTGGKLGRLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEEQEGTTFLPNPSGFFHPGEEVL	237
NTDB id 1306	DR RS10060 WP 027479822.1	SDAGRTGGKLGRLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEEQEGTTFLPNPSGFFHPGEEVL	237
NTDB id 1028	TT RS08215 WP 011173991.1	SGEGQKDKLKLGELLQKQGWISREALEEALVEQEKTGDLGRILV.RKGLPEEALYRALAEQKGLFLESTEGIVPDPSAA	237
NTDB id 1384	A4U84 RS08525 WP 010787006.1	.....	0
NTDB id 1355	HI 0298 AAC21962.1	.....	0
NTDB id 71078	K6J70 RS03615 WP 011961745.1	.....	0
NTDB id 1366	NTHI RS01950 WP 011271972.1	.....	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	GCO85 RS07725 WP 011946523.1	.....	0
NTDB id 1058	ABD1 RS01615 WP 001274986.1	.....	0
NTDB id 1018	ACIAD RS01685 WP 004920473.1	.....	0
consensus		.....	0



logo

NTDB id 1306 DR RS10060 WP 027479822.1  
 NTDB id 1028 TT RS08215 WP 011173991.1  
 NTDB id 1384 A4U84 RS08525 WP 010787006.1  
 NTDB id 1355 HI 0298 AAC21962.1  
 NTDB id 71078 K6J70 RS03615 WP 011961745.1  
 NTDB id 1366 NTHI RS01950 WP 011271972.1  
 NTDB id 1168 A1552VC RS11070 WP 000957200.1  
 NTDB id 1401 DSB67 RS12665 WP 010643259.1  
 NTDB id 1293 VP RS12240 WP 005479695.1  
 NTDB id 1110 NGFG RS09235 WP 003689817.1  
 NTDB id 1251 GC085 RS07725 WP 011946523.1  
 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1  
 consensus



541  
544  
154  
159  
160  
159  
219  
219  
219  
209  
228  
223  
223

logo

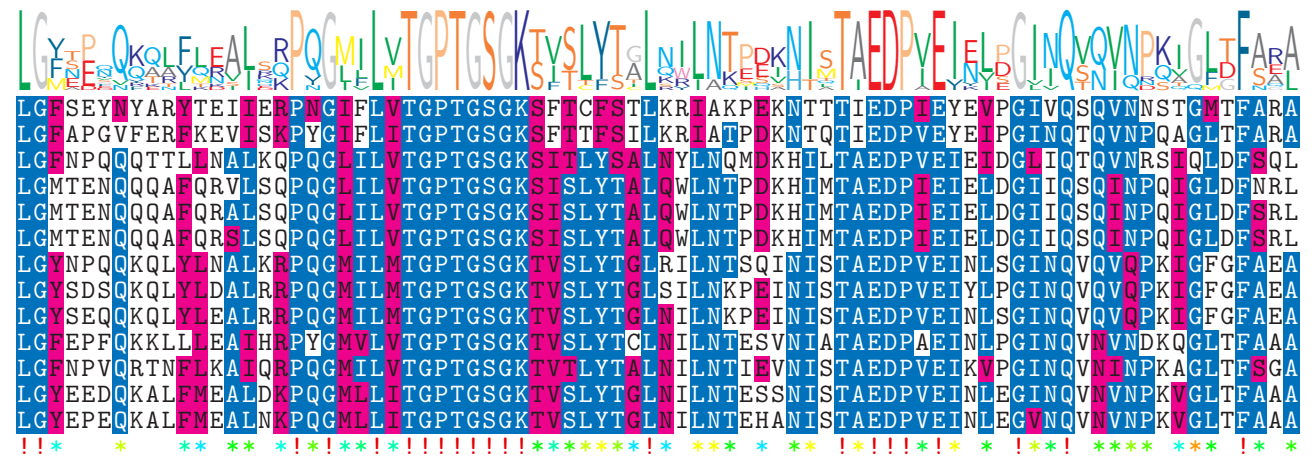
NTDB id 1306 DR RS10060 WP 027479822.1  
 NTDB id 1028 TT RS08215 WP 011173991.1  
 NTDB id 1384 A4U84 RS08525 WP 010787006.1  
 NTDB id 1355 HI 0298 AAC21962.1  
 NTDB id 71078 K6J70 RS03615 WP 011961745.1  
 NTDB id 1366 NTHI RS01950 WP 011271972.1  
 NTDB id 1168 A1552VC RS11070 WP 000957200.1  
 NTDB id 1401 DSB67 RS12665 WP 010643259.1  
 NTDB id 1293 VP RS12240 WP 005479695.1  
 NTDB id 1110 NGFG RS09235 WP 003689817.1  
 NTDB id 1251 GC085 RS07725 WP 011946523.1  
 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1  
 consensus



619  
622  
233  
238  
239  
238  
298  
298  
298  
289  
307  
302  
302

logo

NTDB id 1306 DR RS10060 WP 027479822.1  
 NTDB id 1028 TT RS08215 WP 011173991.1  
 NTDB id 1384 A4U84 RS08525 WP 010787006.1  
 NTDB id 1355 HI 0298 AAC21962.1  
 NTDB id 71078 K6J70 RS03615 WP 011961745.1  
 NTDB id 1366 NTHI RS01950 WP 011271972.1  
 NTDB id 1168 A1552VC RS11070 WP 000957200.1  
 NTDB id 1401 DSB67 RS12665 WP 010643259.1  
 NTDB id 1293 VP RS12240 WP 005479695.1  
 NTDB id 1110 NGFG RS09235 WP 003689817.1  
 NTDB id 1251 GC085 RS07725 WP 011946523.1  
 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1  
 consensus



699  
702  
313  
318  
319  
318  
378  
378  
378  
369  
387  
382  
382

logo

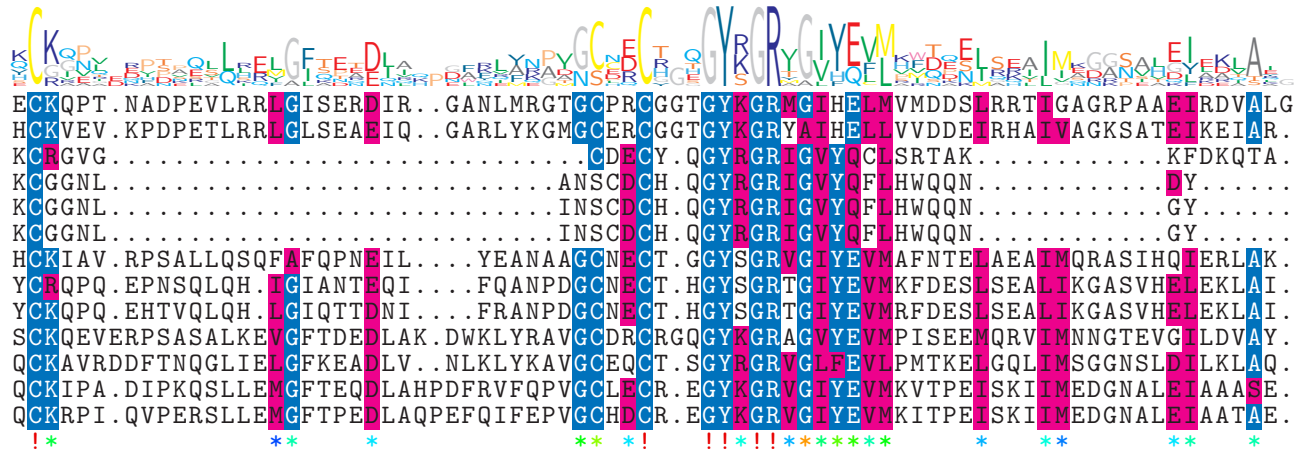
NTDB id 1306 DR RS10060 WP 027479822.1  
 NTDB id 1028 TT RS08215 WP 011173991.1  
 NTDB id 1384 A4U84 RS08525 WP 010787006.1  
 NTDB id 1355 HI 0298 AAC21962.1  
 NTDB id 71078 K6J70 RS03615 WP 011961745.1  
 NTDB id 1366 NTHI RS01950 WP 011271972.1  
 NTDB id 1168 A1552VC RS11070 WP 000957200.1  
 NTDB id 1401 DSB67 RS12665 WP 010643259.1  
 NTDB id 1293 VP RS12240 WP 005479695.1  
 NTDB id 1110 NGFG RS09235 WP 003689817.1  
 NTDB id 1251 GC085 RS07725 WP 011946523.1  
 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1  
 consensus



779  
782  
393  
398  
399  
398  
458  
458  
458  
449  
467  
462  
462

logo

NTDB id 1306 DR RS10060 WP 027479822.1  
 NTDB id 1028 TT RS08215 WP 011173991.1  
 NTDB id 1384 A4U84 RS08525 WP 010787006.1  
 NTDB id 1355 HI 0298 AAC21962.1  
 NTDB id 71078 K6J70 RS03615 WP 011961745.1  
 NTDB id 1366 NTHI RS01950 WP 011271972.1  
 NTDB id 1168 A1552VC RS11070 WP 000957200.1  
 NTDB id 1401 DSB67 RS12665 WP 010643259.1  
 NTDB id 1293 VP RS12240 WP 005479695.1  
 NTDB id 1110 NGFG RS09235 WP 003689817.1  
 NTDB id 1251 GC085 RS07725 WP 011946523.1  
 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1  
 consensus



856  
858  
429  
431  
432  
431  
531  
530  
530  
527  
543  
539  
539

logo

NTDB id 1306 DR RS10060 WP 027479822.1  
 NTDB id 1028 TT RS08215 WP 011173991.1  
 NTDB id 1384 A4U84 RS08525 WP 010787006.1  
 NTDB id 1355 HI 0298 AAC21962.1  
 NTDB id 71078 K6J70 RS03615 WP 011961745.1  
 NTDB id 1366 NTHI RS01950 WP 011271972.1  
 NTDB id 1168 A1552VC RS11070 WP 000957200.1  
 NTDB id 1401 DSB67 RS12665 WP 010643259.1  
 NTDB id 1293 VP RS12240 WP 005479695.1  
 NTDB id 1110 NGFG RS09235 WP 003689817.1  
 NTDB id 1251 GC085 RS07725 WP 011946523.1  
 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1  
 consensus



887  
889  
461  
464  
465  
464  
562  
561  
561  
558  
574  
570  
570

 non conserved  
 similar  
  $\geq 50\%$  conserved