

logo

		MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGS LAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVKK	0
NTDB id 1410 SGL RS13950 WP 010873519.1		MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGS LAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVKK	80
NTDB id 1028 TT RS08215 WP 011173991.1		.MALSIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLAVQPDPAAL	79
NTDB id 1306 DR RS10060 WP 027479822.1		.....	0
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 239235 CCX46 RS25965 WP 127929815.1		.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		.....	0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		.....	0
consensus		.....	0

logo

		ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	158
NTDB id 1410 SGL RS13950 WP 010873519.1		ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	157
NTDB id 1028 TT RS08215 WP 011173991.1		RSIRPQTALNLQAFPFALE..GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLIIVVPSGA	0
NTDB id 1306 DR RS10060 WP 027479822.1		.....	0
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 239235 CCX46 RS25965 WP 127929815.1		.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		.....	0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		.....	0
consensus		.....	0

logo

		SGEGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAA	237
NTDB id 1410 SGL RS13950 WP 010873519.1		SGEGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAA	237
NTDB id 1028 TT RS08215 WP 011173991.1		SDAGRTGGKLGRLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEEGTTFLPNPSGFHPGEEVL	0
NTDB id 1306 DR RS10060 WP 027479822.1		.....	0
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 239235 CCX46 RS25965 WP 127929815.1		.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		.....	0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		.....	0
consensus		.....	0

logo

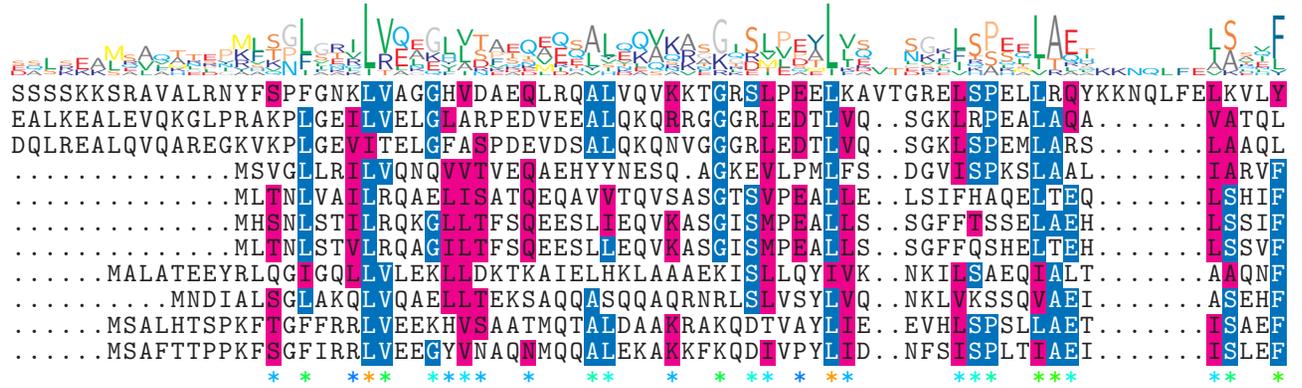
NTDB id 1410 SGL RS13950 WP 010873519.1  
 NTDB id 1028 TT RS08215 WP 011173991.1  
 NTDB id 1306 DR RS10060 WP 027479822.1  
 NTDB id 1110 NGFG RS09235 WP 003689817.1  
 NTDB id 1168 A1552VC RS11070 WP 000957200.1  
 NTDB id 1293 VP RS12240 WP 005479695.1  
 NTDB id 1401 DSB67 RS12665 WP 010643259.1  
 NTDB id 1251 GC085 RS07725 WP 011946523.1  
 NTDB id 239235 CCX46 RS25965 WP 127929815.1  
 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1  
 consensus



3  
317  
317  
0  
0  
0  
0  
0  
0  
0  
0  
0  
0

logo

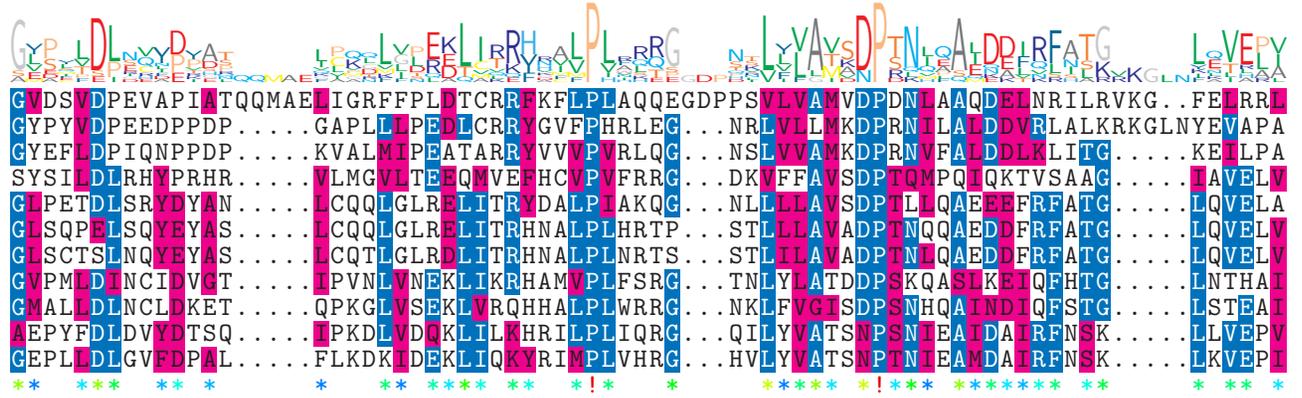
NTDB id 1410 SGL RS13950 WP 010873519.1  
 NTDB id 1028 TT RS08215 WP 011173991.1  
 NTDB id 1306 DR RS10060 WP 027479822.1  
 NTDB id 1110 NGFG RS09235 WP 003689817.1  
 NTDB id 1168 A1552VC RS11070 WP 000957200.1  
 NTDB id 1293 VP RS12240 WP 005479695.1  
 NTDB id 1401 DSB67 RS12665 WP 010643259.1  
 NTDB id 1251 GC085 RS07725 WP 011946523.1  
 NTDB id 239235 CCX46 RS25965 WP 127929815.1  
 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1  
 consensus



83  
388  
388  
56  
57  
57  
57  
65  
61  
65  
65  
65

logo

NTDB id 1410 SGL RS13950 WP 010873519.1  
 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 239235 CCX46 RS25965 WP 127929815.1  
 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1  
 consensus



161  
460  
455  
123  
124  
124  
124  
132  
128  
132  
132  
132



logo

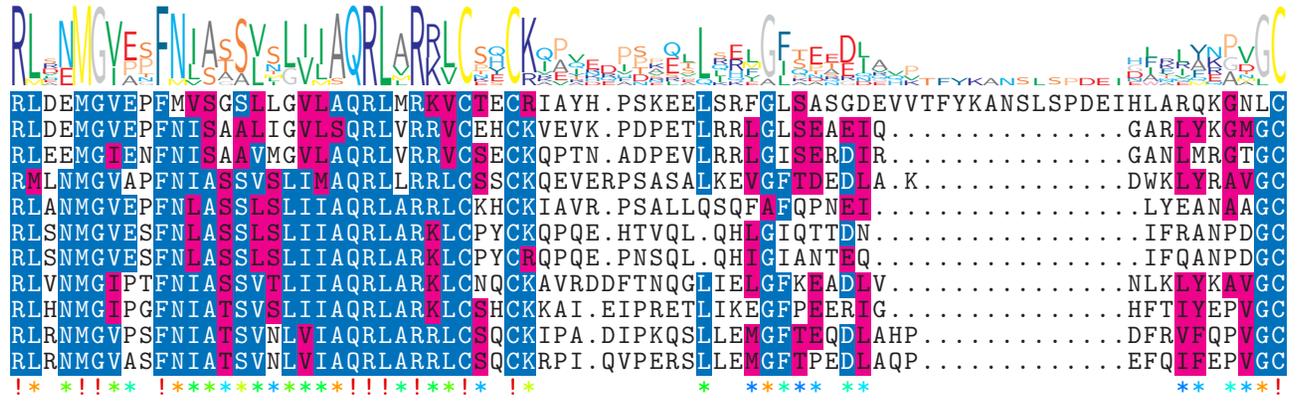
NTDB id 1410 SGL RS13950 WP 010873519.1  
 NTDB id 1028 TT RS08215 WP 011173991.1  
 NTDB id 1306 DR RS10060 WP 027479822.1  
 NTDB id 1110 NGFG RS09235 WP 003689817.1  
 NTDB id 1168 A1552VC RS11070 WP 000957200.1  
 NTDB id 1293 VP RS12240 WP 005479695.1  
 NTDB id 1401 DSB67 RS12665 WP 010643259.1  
 NTDB id 1251 GC085 RS07725 WP 011946523.1  
 NTDB id 239235 CCX46 RS25965 WP 127929815.1  
 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1



479  
752  
749  
419  
428  
428  
428  
437  
430  
432  
432

logo

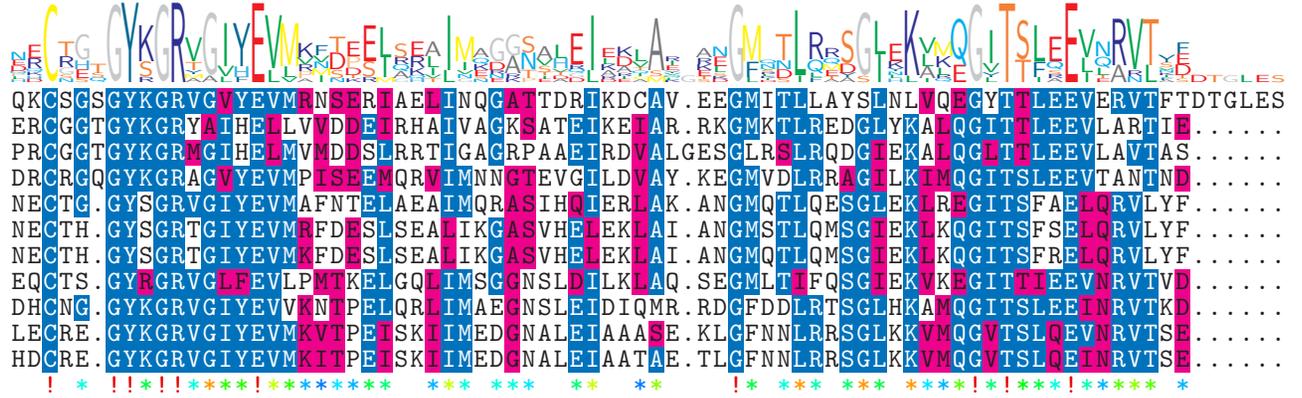
NTDB id 1410 SGL RS13950 WP 010873519.1  
 NTDB id 1028 TT RS08215 WP 011173991.1  
 NTDB id 1306 DR RS10060 WP 027479822.1  
 NTDB id 1110 NGFG RS09235 WP 003689817.1  
 NTDB id 1168 A1552VC RS11070 WP 000957200.1  
 NTDB id 1293 VP RS12240 WP 005479695.1  
 NTDB id 1401 DSB67 RS12665 WP 010643259.1  
 NTDB id 1251 GC085 RS07725 WP 011946523.1  
 NTDB id 239235 CCX46 RS25965 WP 127929815.1  
 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1



558  
816  
813  
485  
490  
489  
489  
502  
494  
498  
498

logo

NTDB id 1410 SGL RS13950 WP 010873519.1  
 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 239235 CCX46 RS25965 WP 127929815.1  
 NTDB id 1058 ABD1 RS01615 WP 001274986.1  
 NTDB id 1018 ACIAD RS01685 WP 004920473.1



637  
889  
887  
558  
562  
561  
561  
574  
566  
570  
570

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	EMRAKRKRSALTCR <small>X</small> TCAAEL <small>X</small> Q <small>X</small> EWLDCPYCMTSRFS	672
NTDB id 1028 TT RS08215 WP 011173991.1	.....	889
NTDB id 1306 DR RS10060 WP 027479822.1	.....	887
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....	558
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	562
NTDB id 1293 VP RS12240 WP 005479695.1	.....	561
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	561
NTDB id 1251 GC085 RS07725 WP 011946523.1	.....	574
NTDB id 239235 CCX46 RS25965 WP 127929815.1	.....	566
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	570
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	570
consensus		

- X non conserved
- X similar
- X  $\geq 50\%$  conserved