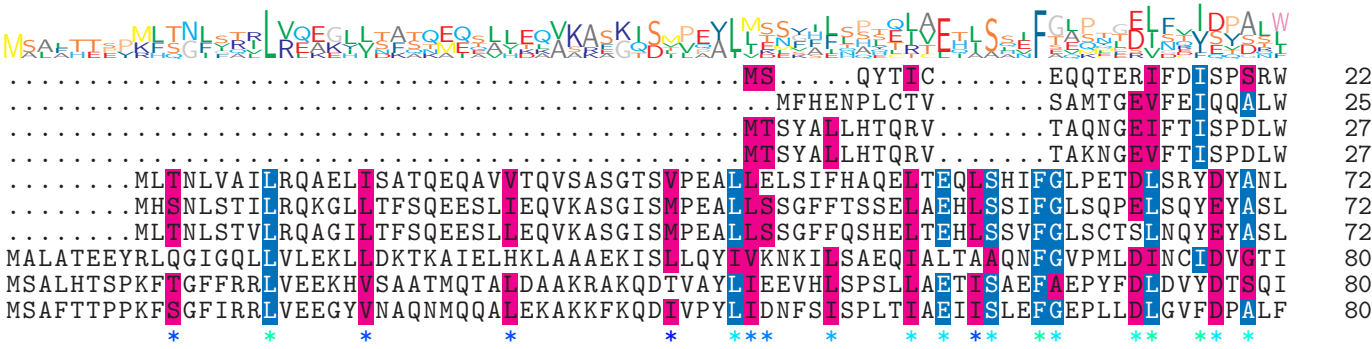


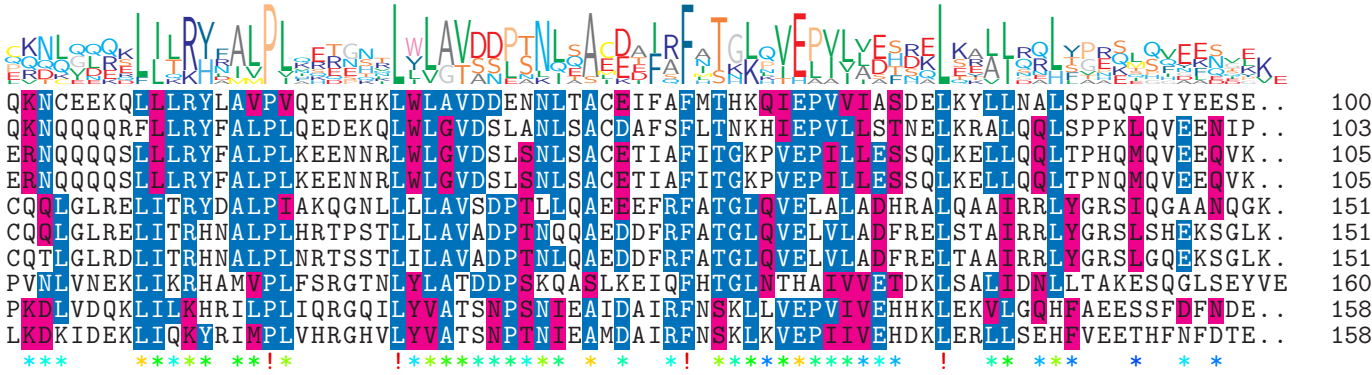
logo

NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 368300 FH580 RS02340 WP 016504529.1
NTDB id 1366 NTHI RS01950 WP 011271972.1
NTDB id 1355 HI 0298 AAC21962.1
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 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus



logo

NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 368300 FH580 RS02340 WP 016504529.1
NTDB id 1366 NTHI RS01950 WP 011271972.1
NTDB id 1355 HI 0298 AAC21962.1
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 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus



logo

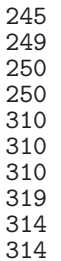
NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 368300 FH580 RS02340 WP 016504529.1
NTDB id 1366 NTHI RS01950 WP 011271972.1
NTDB id 1355 HI 0298 AAC21962.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
NTDB id 1293 VP RS12240 WP 005479695.1
NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 1251 GC085 RS07725 WP 011946523.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus



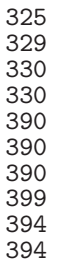
```

NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 368300 FH580 RS02340 WP 016504529.1
NTDB id 1366 NTHI RS01950 WP 011271972.1
NTDB id 1355 HI 0298 AAC21962.1
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 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus

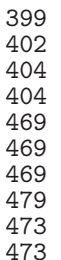
```



NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 368300 FH580 RS02340 WP 016504529.1
NTDB id 1366 NTHI RS01950 WP 011271972.1
NTDB id 1355 HI 0298 AAC21962.1
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 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus



NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 368300 FH580 RS02340 WP 016504529.1
NTDB id 1366 NTHI RS01950 WP 011271972.1
NTDB id 1355 HI 0298 AAC21962.1
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 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus



logo

NTDB id 1384 A4U84 RS08525 WP 010787006.1	CDECYQGYRGRIGVYQCLSR TAKK.....FDKQTAYLDFSSSLRESAKQK	443
NTDB id 368300 FH580 RS02340 WP 016504529.1	QSACRCYQGYKGRIGVYQFLQKDKT.....GCFVTDFFSSSLRESAKEK	444
NTDB id 1366 NTHI RS01950 WP 011271972.1	INSCDCHQGYRGRIGVYQFLHWQQN.....G.YQTD FENLRESGLEK	445
NTDB id 1355 HI 0298 AAC21962.1	ANSCDCHQGYRGRIGVYQFLHWQQN.....D.YQTD FKNLRRASGLEK	445
NTDB id 1168 A1552VC RS11070 WP 000957200.1	LQSQFAFQPNIEI...LYEANAAGCNECTGYSGRVGIYEVMAFNTELAEATMQRASIHQIERLAKANGMQTLQESGLEK	545
NTDB id 1293 VP RS12240 WP 005479695.1	L.QHLGIQT T DN...IFRANPDGCNECTHGYSGRGTGIYEV MRFD E SLSEALIKGASVHELEKLA IANGMSTLQMSGIEK	544
NTDB id 1401 DSB67 RS12665 WP 010643259.1	L.QHIGIANTEQ...IFQANPDGCNECTHGYSGRGTGIYEV MKFD E SLSEALIKGASVHELEKLA IANGMSTLQMSGIEK	544
NTDB id 1251 GC085 RS07725 WP 011946523.1	GLIELGFKEADLV..NLKLYKAVGCEQCTSGYRGRVGLFEVLPMTKELGQLIMSGGNSLDILKLAQSEGMLTIFQSGIEK	557
NTDB id 1058 ABD1 RS01615 WP 001274986.1	SLLEMGFTEQDLAHPDFRVFQPVGCLECREGYKGRVGIYEV MKVTPEISKIIMEDGNALEIAAAASEKLGFN NLRRLRRSGLKK	553
NTDB id 1018 ACIAD RS01685 WP 004920473.1	SLLEMGFTEPDLAQPEFQIFEPVGCHDCREGYKGRVGIYEV MKITPEISKIIMEDGNALEIAAATAETLGFNNLRRLRRSGLKK	553
consensus	*** * ** *! !!!!!!!***** * * ** * * ** * * ** * * ** * * ** * *	

logo

NTDB id 1384 A4U84 RS08525 WP 010787006.1	IEQQLTNETEVDRLVGYE.	461
NTDB id 368300 FH580 RS02340 WP 016504529.1	VRLGMTDDNEVQRVLGE..	461
NTDB id 1366 NTHI RS01950 WP 011271972.1	VSQGITDEKEIERVLGKNS	464
NTDB id 1355 HI 0298 AAC21962.1	VSQGITDEKEIERVLGKNL	464
NTDB id 1168 A1552VC RS11070 WP 000957200.1	LREGITSFAELQRVLYF..	562
NTDB id 1293 VP RS12240 WP 005479695.1	LKQGITSFSELQRVLYF..	561
NTDB id 1401 DSB67 RS12665 WP 010643259.1	LKQGITSFRELQRVLYF..	561
NTDB id 1251 GC085 RS07725 WP 011946523.1	VKEGITTIEEVNRVTVD..	574
NTDB id 1058 ABD1 RS01615 WP 001274986.1	VMQGV TSLQEVNRVTSE..	570
NTDB id 1018 ACIAD RS01685 WP 004920473.1	VMQGV TSLQEINRV TSE..	570
consensus	*****! * !!!!! * *	

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