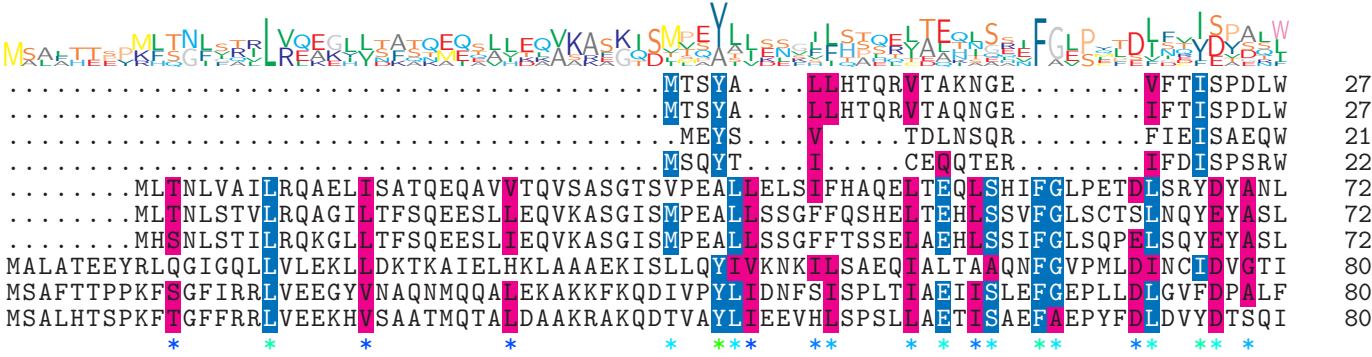


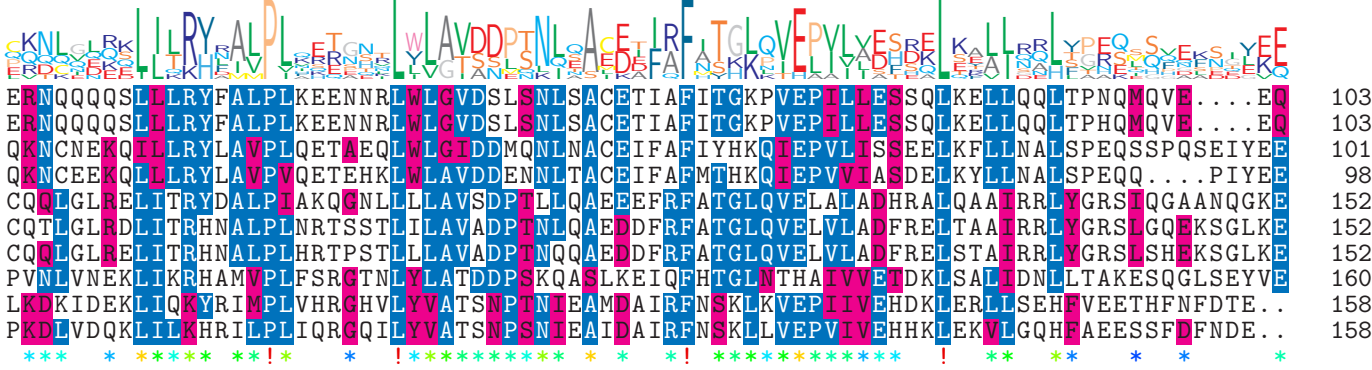
logo

NTDB id 1355 HI 0298 AAC21962.1
NTDB id 1366 NTHI RS01950 WP 011271972.1
NTDB id 199269 BG566 RS04635 WP 006251341.1
NTDB id 1384 A4U84 RS08525 WP 010787006.1
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 1251 GC085 RS07725 WP 011946523.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus



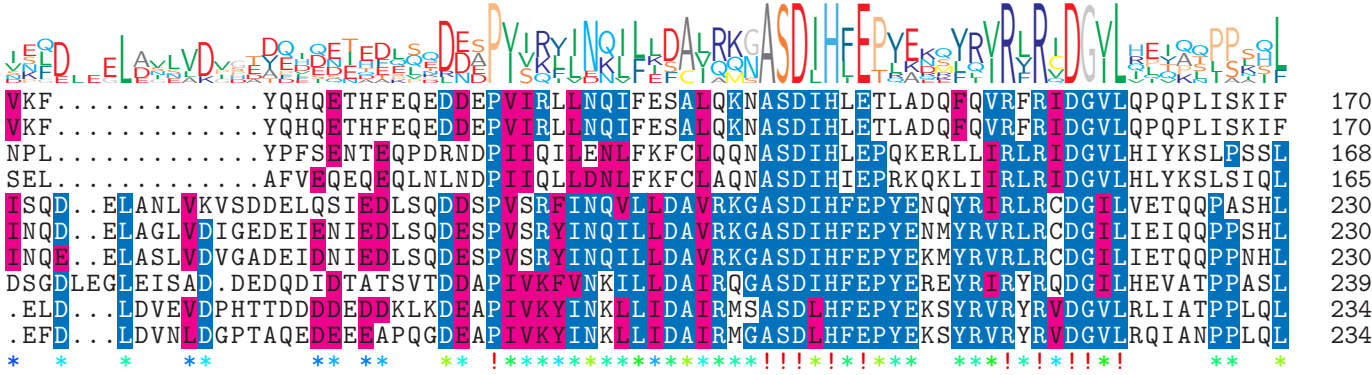
logo

NTDB id 1355 HI 0298 AAC21962.1
NTDB id 1366 NTHI RS01950 WP 011271972.1
NTDB id 199269 BG566 RS04635 WP 006251341.1
NTDB id 1384 A4U84 RS08525 WP 010787006.1
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 1251 GC085 RS07725 WP 011946523.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus



logo

NTDB id 1355 HI 0298 AAC21962.1
NTDB id 1366 NTHI RS01950 WP 011271972.1
NTDB id 199269 BG566 RS04635 WP 006251341.1
NTDB id 1384 A4U84 RS08525 WP 010787006.1
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 1251 GC085 RS07725 WP 011946523.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus



```

NTDB id 1355 HI 0298 AAC21962.1
NTDB id 1366 NTHI RS01950 WP 011271972.1
NTDB id 199269 BG566 RS04635 WP 006251341.1
NTDB id 1384 A4U84 RS08525 WP 010787006.1
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 1251 GC085 RS07725 WP 011946523.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus

```



```

NTDB id 1355 HI 0298 AAC21962.1
NTDB id 1366 NTHI RS01950 WP 011271972.1
NTDB id 199269 BG566 RS04635 WP 006251341.1
NTDB id 1384 A4U84 RS08525 WP 010787006.1
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 1251 GC085 RS07725 WP 011946523.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus

```



logo

NTDB id 1355 HI 0298 AAC21962.1	ANSCDCHQGYRGRIGVYQFLHWQQ.....ND.....YQTD	445
NTDB id 1366 NTHI RS01950 WP 011271972.1	INSCDCHQGYRGRIGVYQFLHWQQ.....NG.....YQTD	445
NTDB id 199269 BG566 RS04635 WP 006251341.1	C..EHCYQGYKGRIGVYQLLNRSA.....KNFEKNTACLD	446
NTDB id 1384 A4U84 RS08525 WP 010787006.1	C..DECYQGYRGRIGVYQCLSRTA.....KKFDKQTAYLD	443
NTDB id 1168 A1552VC RS11070 WP 000957200.1	LQSQFAFQPNIEI...LYEANAAGCNECTGYSGRVGIYEVMAFNTELAEATMQRASIHQIERLAKANGMQTLQESGLEK	545
NTDB id 1401 DSB67 RS12665 WP 010643259.1	LQH.IGIANTEQ...IFQANPDGCNECTHGYSGRGTGIYEVMMKFDES	544
NTDB id 1293 VP RS12240 WP 005479695.1	LQH.LGIQTTDN...IFRANPDGCNECTHGYSGRGTGIYEVMMRFDES	544
NTDB id 1251 GC085 RS07725 WP 011946523.1	GLIELGFKEADLV..NLKLYKAVGCEQCTSGYRGRVGLFEVLPMTKELGQLIMSGGNSLDILKLAQSEGMLTIFQSGIEK	557
NTDB id 1018 ACIAD RS01685 WP 004920473.1	SLLEMGFTEPDLAQPEFQIFEPVGCHDCREGYKGRVGIYEVMMKITPEISKIIMEDGNALEIAAATAETLGFNNLRRSGLKK	553
NTDB id 1058 ABD1 RS01615 WP 001274986.1	SLLEMGFTEQDLAHPDFRVFQPVGCLECREGYKGRVGIYEVMMKVTPETISKIIMEDGNALEIAAASSEKLGFNNLRRSGLKK	553
consensus	*** * ** *! !!!!!!!***** ** * ** * **** * ** ** * !***!	

logo

NTDB id 1355 HI 0298 AAC21962.1	VSQGITDEKEIERVLGKNL..	464
NTDB id 1366 NTHI RS01950 WP 011271972.1	VSQGITDEKEIERVLGKNS..	464
NTDB id 199269 BG566 RS04635 WP 006251341.1	ITEGKTNQAEILRVLGNDENL	467
NTDB id 1384 A4U84 RS08525 WP 010787006.1	IEQQLTNETEVDRLVGYE...	461
NTDB id 1168 A1552VC RS11070 WP 000957200.1	LRGITSFAELQRVLYF....	562
NTDB id 1401 DSB67 RS12665 WP 010643259.1	LKQGITSFRELQRVLYF....	561
NTDB id 1293 VP RS12240 WP 005479695.1	LKQGITSFSELQRVLYF....	561
NTDB id 1251 GC085 RS07725 WP 011946523.1	VKEGITTIEEVNRVTVD....	574
NTDB id 1018 ACIAD RS01685 WP 004920473.1	VMQGVTSLQEINRVTSE....	570
NTDB id 1058 ABD1 RS01615 WP 001274986.1	VMQGVTSLQEVNRVTSE....	570
consensus	* ***!* !***!*	

- ☒ non conserved
- ☒ similar
- ☒ ≥ 50% conserved