

NTDB id 1366 NTHI RS01950 WP 011271972.1	M T S Y A L L H T Q R V T A Q N G E I F T I S P D L W E R N Q Q Q Q S L L L R Y F A L P K E E N N R L W L G V D S L S N L S A C E T I A F I T G K P V E P I L L E S S Q	85
NTDB id 1384 A4U84 RS08525 WP 010787006.1	M S Q Y T I C E Q Q T E R I F D I S P S R W Q K N C E E K Q L L L R Y L A V P V Q E T E H K L W L A V D D E N N L T A C E I F A F M T H K Q I E P V V I A S D E	80
NTDB id 93288 MWM02 RS05715 WP 244403137.1		0
NTDB id 96 BSU 24730 NP 390353.1		0
consensus	* * * * *	

NTDB id 1366 NTHI RS01950 WP 011271972.1	LKELLQQLTPHQMVEEQQVKFYHQETHFEQEDDEPVIRLLNQIFESALQKNASDIHLETLADQFQVRFRIDGVLQPQP	LISKIF	170
NTDB id 1384 A4U84 RS08525 WP 010787006.1	LKYLLNALSPQQPIYEESELA FVEQE QEQ LNLNDP I IQ LL DNL FKFC LAQN ASDIHTEPRKQKLITIRLRIDGV LHLYKSLSIQI		165
NTDB id 93288 MWM02 RS05715 WP 244403137.1	MNEIEYLADRLIKEASV LHVSDIHI VPRKDDAAVRFRDGLMEKEVLTKEI		52
NTDB id 96 BSU 24730 NP 390353.1	MDSIEKVSKNLIBEAYITKASDIHI VPRERDAIHFVRVDHALKKRRDMKKEE		52
consensus	* * * * *	* * * * *	

NTDB id 1366 NTHI RS01950 WP 011271972.1	ANRIISRLKLLAKLDISENRLPQDGRFQFKTTFSDILDFRLSTLPTHWGEKIVRAQQNKPVLSFAELGMTEENQQQAFQRSLSQ	255
NTDB id 1384 A4U84 RS08525 WP 010787006.1	ASRLISRIKLLAKLDISELRQPQDQGSFTTALADTLDFRVSSLPITYEKLVLRLQKNKPTSFDFLQLGFNPQQQTTLINALKQ	250
NTDB id 93288 MWM02 RS05715 WP 244403137.1	CERLIHFKFKLAGMDIGERRRPQSCAMETKQQ.GEIIHLRLSTLPTSYDESIVRLDPQN.FFLPLSQLSLFANAAKTLLSLFQQ	135
NTDB id 96 BSU 24730 NP 390353.1	CVRLISHFKFKLSAMDIGERRKPKNGSLTLKLK.EGNVHLRMSLTPTINEESLVRVMPQY.NIPSIDKLSLFPKGTATLLSFLKH	135
consensus	* * * * *	

[illegible]

NTDB id 1366 NTHI RS01950 WP 011271972.1
NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 93288 MWM02 RS05715 WP 244403137.1
NTDB id 96 BSU 24730 NP 390353.1
consensus

NTDB id 1366 NTHI RS01950 WP 011271972.1	LHWQQNGY.....QTDFENLRESGLEKVSQGITDKEIERVLGKNS.	464
NTDB id 1384 A4U84 RS08525 WP 010787006.1	LSRTAKKFEDKQI....AYLDFSSLRESAQKQIEQQLTNETEVDRLVGYE..	461
NTDB id 93288 MM02 RS05715 WP 244403137.1	LHGDAISGAITSVQSGRKTYHYTYTLQNATIRKGIALGFLLPRLCAKGGENE.	354
NTDB id 96 BSU 24730 NP 390353.1	LYGKNLQQCIQEAKGNHANYQQYQTLRQIIIRKGIALGYLTNNYDRWVYHEKD	356
consensus	! * * * ! * * * ! * * * ! * * * ! * * * ! * * * ! * * *	

 non conserved
 similar
 $\geq 50\%$ conserved