

NTDB	id	1038	HON27	RS01510	WP	000993725.1	MNA	QKGFTLIELMIVVAIIGILAAAT	IPQYQNYIA	KSQVNS	GFSEISSI	KTGYEN	AVNEGAV	PTKLSDV	...	69	
NTDB	id	1192	PAKAF	RS23870	WP	024947914.1	MKA	QKGFTLIELMIVVAIIGILAAAT	IPQYQNYVAR	SEGASAL	ASVNPL	KTTVEE	ALSRGWSV	KSGTGTEDAT	...	73	
NTDB	id	1197	PSJM300	03940	AFN	76866.1	...MKAQM	QKGFTLIELMIVVAIIGILAAAT	PAYQDYT	VRSTAAAL	LAETPGK	IGFEQ	ALINECKT	PSLTSTDE...	...	72	
NTDB	id	1204	PSJM300	03935	AFN	76865.1	...MKPVKSSC	RGFSLIELMIVVAIIGILAAAT	PAYQNYTV	RTSTAAAL	LAETPAK	AAFEQ	ATSEGHT	PSLVSSLP...	...	74	
NTDB	id	1365	NTHI	RS01955	WP	011271973.1	MKLTTQVTKL	KGFTLIELMIV	TAIIA	ILATIA	IPSYQNYT	KKAAV	SELLQASAPY	KADVELC	YSTNETT	NCT..GG...	75
NTDB	id	1191	AAC28468.1	484..945()			MLKKV	QKGFTLIELMIV	TAIIGILAAAT	PAYQDYT	TARAQATE	GFKATAGL	QTDLGAWRAD	RGSFP	NAAALVA...	73	
NTDB	id	1119	NGFG	RS11465	WP	017147169.1	MNTL	QKGFTLIELMIV	TAIVGILAA	VALPAYQDYT	TARAQV	SEAILLAEGQ	KS	SAVTEYY	LNHGKWP	ENNTSAG...	72
NTDB	id	1109	OK783	RS10670	WP	157147416.1	MNTL	QKGFTLIELMIV	TAIVGILAA	VALPAYQDYT	TARAQV	SEAILLAEGQ	KS	SAVTEYY	LNHGKWP	KDNTSAG...	72
NTDB	id	1002	ACI48	RS15100	WP	004923779.1	MNA	QKGFTLIELMIV	TAIIGILAAAT	PAYQDYT	TVRVRV	SEGLTAESSM	KTTVSENI	LNAGALV	AGTPSTA...	71	
NTDB	id	112715	PSYRMG	RS26570	WP	044323946.1	MRS	QKGFTLIELMIVVAI	VGILAA	VALPAYQDYT	TVRAQV	AEILGLT	DGAKVAV	TENYQST	GAFPASN	QAAC...	71
NTDB	id	1274	LPP	RS09530	WP	011214168.1	MR	QKGFTLIELMIVVAI	IGILAAAT	PAYQDYT	TVRVRV	TEGLT	ADSAKLAV	SETAT	TNNAL	PATQAATG...	70
NTDB	id	1258	GC085	RS09745	WP	014844212.1	MR	QKGFTLIELMIVVAI	IGILAAAT	PAYQDYT	TVRVRV	TEGLT	ADSAKLAV	SETAT	TNNAL	PATQAATG...	70
consensus																*****	

NTDB	id	1038	HON27	RS01510	WP	000993725.1	GFTAATSS...VCATYSIDA.FTETDGAGKITIT.CTLKG..NPKIATKIVELTRS.....TDGAWICV.....	124
NTDB	id	1192	PAKAF	RS23870	WP	024947914.1	KKEVPPLGVAADANK...LGTIAIKP...DPADGTADITLTFTMGAGPKNKGKIITLTRT.....AADGLWKCT.....	136
NTDB	id	1197	PSJM300	03940	AFN	76866.1	...GYIGITDSTS...YCDVDLD...TAADGH...IE.CTAKGGNAGKFDDGKTITILNR.....ADGEWSCA.....	126
NTDB	id	1204	PSJM300	03935	AFN	76865.1	...GFIGIGASTN...YCTVTLI...ATATGS...IT.CTTQNGMPDRFNGKTIITART.....TDGLWDCT.....	128
NTDB	id	1365	NTHI	RS01955	WP	011271973.1	...KNGIAAD...ITTAKGVVKSV...TTSNGAITVKGDGTLANM...EYLQA.TGNAATGVTWTITTC....	131
NTDB	id	1191	AAC28468.1	484..945()			...GNVIFDSANG...LDGKYFAPGGVTVTPDTCAINIAFD...AGANAGKTMITPTVIAASQGISTWTCAPG....	138
NTDB	id	1119	NGFG	RS11465	WP	017147169.1	...VASPPTDIKG.....KYVKEV...EVKNGVVTATMLSSGVNNEIKKKLSLW...GRRENGCSVKWFCCGPVTRA	135
NTDB	id	1109	OK783	RS10670	WP	157147416.1	...VASA.STIK.....KYVQKV...EVAKGVVTQMASTGVNKEIQDKKLSLW...AKRQDCSVKWFCGQPVRT	134
NTDB	id	1002	ACTARD	RS15100	WP	004923779.1	...GSSCVGVQEISASNATTINATA.TCGASSAQIIVTMD...TTKAKGANITLPTTYA...SCAVTWKCT.....	133
NTDB	id	112715	PSYRMG	RS26570	WP	044323946.1	...YGGATG.....RYTTSV.VIGA...NGLITATADAVNSNPAAIRGLTITLTPAVAAAAGNNVVTWTCG.....	128
NTDB	id	1274	LPP	RS09530	WP	011214168.1	...YVSPAAT.....PNVASI.AIGA...NGVITYITYTAA...AGGGTIVMTPTLQA..NCDVTVTICTG....	122
NTDB	id	1258	GC085	RS09745	WP	014844212.1	...YVSPAAT.....PNVQSI.AIGA...NGVITYITYTAA...AGGGTIVMTPTLQA..NCDVTVTICTG....	122
consensus							* * * * * *	

NTDB	id	1038	HON27	RS01510	WP	000993725.1	.....	SDVPTFLPKGCTAGTPTGAI	149
NTDB	id	1192	PAKAF	RS23870	WP	024947914.1	.....	SDQDEQFIPKGC	150
NTDB	id	1197	PSJM300	03940	AFN	76866.1	.....	STLDKYPKGC	139
NTDB	id	1204	PSJM300	03935	AFN	76865.1	.....	SDLSRYKPGKCL	141
NTDB	id	1365	NTHI	RS01955	WP	011271973.1	.....	KGTDASLFPANFCGSVTQ	149
NTDB	id	1191	AAC28468.1	484..945( )			.....	AANGLETTRLPTSCQ*	153
NTDB	id	1119	NGFG	RS11465	WP	017147169.1	DDDTVADAKDGKEIDTKHL	PSTCRDKASDAK	166
NTDB	id	1109	OK783	RS10670	WP	157147416.1	GDNDDTVADANNAIDTKHL	PSTCRDESSAT	164
NTDB	id	1002	ACIAD	RS15100	WP	004923779.1	.....	TTSDDKYPVSECRG	147
NTDB	id	112715	PSYRMG	RS26570	WP	044323946.1	.....	GTIDQRFRTSCR	141
NTDB	id	1274	LPP	RS09530	WP	011214168.1	.....	GTLLAKYRPASCRP	136
NTDB	id	1258	GC085	RS09745	WP	014844212.1	.....	GTLLAKYRPASCRP	136
consensus								* * * ! *	

 non conserved
 similar
 $\geq 50\%$ conserved