

[illegible]

NTDB	id	1292	VP	RS12235	WP	005479693.1	.AATLAQLGVDVAANDL..GATDS.....ALAGSPTLTFTFD...ADSSIDGGILTFTRD.....AATGW	124
NTDB	id	1192	PAKAF	RS23870	WP	024947914.1	ATKKEVPLGVAADANKL..GTIAL..K..PDPADGTADITLTFTMGGAGPKNKGKIITLTRT.....AADGLW	133
NTDB	id	1197	PSJM300	03940	AFN	76866.1	GYIGITDSTS.Y..CDVLD..D...TAADGH..IE.CTAKGGNAGKFDGKTTILNRT.....ADGEW	123
NTDB	id	1204	PSJM300	03935	AFN	76865.1	GFIGIGASTN.Y..CTVTL..T...ATATGS..IT.CTTQNGMPDRFNGKTTIART.....TDGLW	125
NTDB	id	1365	NTHI	RS01955	WP	011271973.1	.KN.....GIA.ADITTAKGYVK.....SVTTSNG...AITVKGDG.....TLANMEY....ILQATGNAATGVTW	127
NTDB	id	1109	OK783	RS10670	WP	157147416.1	.A.....SASTIKGKYVQKVEVA....KG..VVTAQMASTGVNKEIQDKKLSLW.....AKRQDCSVKW	125
NTDB	id	1191	AAC28468.1	484..945()			.N.....VIFD.SANGLDGKYFAPGGVT.VTPDTC..AINIAFDA....GANAGKTMITPTVIA.....ASGQISTW	133
NTDB	id	1424	RS02795	WP	011000517.1		SVF....TPT.KNVANLTIAGTGTVPG..QITVITYT....TAAGGKTALVPTAAGTALPVSSASPSPIMW	136
NTDB	id	419663	FYK61	RS16235	WP	007962467.1	..ACVGVG...ATAAT..TNMAS..TACTPA.TG..NINVTGDA....TRTKGTVLTYPATVGA.....ANSAVGTTW	124
NTDB	id	1002	ACIAD	RS15100	WP	004923779.1	.SSCVGVQEIS.ASNAT..TNVAT..ATCGASSAG..QIIIVTMDT....TKAKGANITLTPT.YA.....S...CAVTW	130
NTDB	id	1274	LPP	RS09530	WP	011214168.1	.V.....SPAAT..PNVAS..TAIGA..NG..VITITY.T....AAAGGGTIVMTPTLQA.....N...GDVTW	118
NTDB	id	1258	GCO85	RS09745	WP	014844212.1	.V.....SPAAT..PNVQS..TAIGA..NG..VITITY.T....AAAGGGTIIMPTTLQA.....N...GDVTW	118
consensus							* * * * *	!

NTDB	id	1292	VP	RS12235	WP	005479693.1	SCLPT.....	APAI	AVDGC	CS.....	139
NTDB	id	1192	PAKAF	RS23870	WP	024947914.1	KCTSD.....	QDEQ	FIPKGC	SK.....	150
NTDB	id	1197	PSJM300	03940	AFN	76866.1	SCAST.....	LDA	KYKPGK	CS.....	139
NTDB	id	1204	PSJM300	03935	AFN	76865.1	DCTSD.....	LDSRYK	PGKCL		141
NTDB	id	1365	NTHI	RS01955	WP	011271973.1	TTTCK.....	GTDASLF	PANFCGS	VTQ.	149
NTDB	id	1109	OK783	RS10670	WP	157147416.1	FCGQPVTRTGDND	DTVADANNAID	TKHL	PSTCRDESSAT	164
NTDB	id	1191	AAC28468.1	484..945()			TCAPGAAN.....	GIET	RRLPTSCQ*		153
NTDB	id	1424	RS	RS02795	WP	011000517.1	TCYAQNKAQAA.SSV	APSGTMSLA	KYA	PAECR.....	168
NTDB	id	419663	FYK61	RS16235	WP	007962467.1	TCTGS.....	GSQS	KYYPAE	CR.....	142
NTDB	id	1002	ACIAD	RS15100	WP	004923779.1	KCTTT.....	S.DK	KYVPSE	CRG.....	147
NTDB	id	1274	LPP	RS09530	WP	011214168.1	TCTGG.....	TLA	KYRPA	SCR.....	136
NTDB	id	1258	GC085	RS09745	WP	014844212.1	TCTGG.....	TLA	KYRPA	SCR.....	136
consensus							***		***	***	

 non conserved
 similar
 $\geq 50\%$ conserved