

NTDB id 1361 HI 0985 AAC22646.1	MNDITYTLRLRLMQVPKLGVGIDKILSNITLNE	LLNYDDV.....AFRQMGWGA.IQIRRWFKPEAKFI	EPALV...WSQKEGN	75
NTDB id 626 LCA RS04960 WP 011374694.1	MLTKNQQLLLKVHLAAGFGTISELR	LAAWLSTSHNWALSALEIAQTARLPERYWPTFQAS	QSTTLQRQCIDHEVIT	76
NTDB id 599 KW2 RS05940 WP 021037268.1	.MITNFDLFRW.KKAGMTNLGVNK	LLKFFRK.YDRKISLRQMGQVAQVK	.SIPNFIQYQKNQDVK.KLRADYKKF	70
NTDB id 525 SMSK321 RS06295 WP 000705298.1	MKITNYEIIYKL.KKSGLTNQIILK	VLEYGEN.VDQELLGDIADISGCR	.NPAVFMEYFYQIDDA.HLSKEFFKI	71
NTDB id 267 KZH43 RS05590 WP 000705306.1	MKITNYEIIYKL.KKSGLTNQIILK	VLEYGEN.VDQELLGDIADISGCR	.NPAVFMEYFYQIDDA.HLSKEFFKF	71
NTDB id 226 SPD RS05990 WP 000705306.1	MKITNYEIIYKL.KKSGLTNQIILK	VLEYGEN.VDQELLGDIADISGCR	.NPAVFMEYFYQIDDA.HLSKEFFKF	71
NTDB id 192 SPR RS05715 WP 000705306.1	MKITNYEIIYKL.KKSGLTNQIILK	VLEYGEN.VDQELLGDIADISGCR	.NPAVFMEYFYQIDDA.HLSKEFFKF	71
NTDB id 157 SP RS06205 WP 000705306.1	MKITNYEIIYKL.KKSGLTNQIILK	VLEYGEN.VDQELLGDIADISGCR	.NPAVFMEYFYQIDDA.HLSKEFFKF	71
NTDB id 497 SM12261 RS05565 WP 000705318.1	MKITNYEIIYKL.KKSGLTNQVLA	VLEYGEN.VDQELLGDIADISGCR	.NPAVFMEYFYQIDDA.HLSKEFFKF	71
NTDB id 114955 W903 RS05240 WP 001015249.1	..MNHFFELFKL.KKAGLTNLNINN	..IINYLKKNSLTSLSVRNMAVVSKCK	.NPTFFFIENYKQLDLK.KLRQEFFKF	70
NTDB id 407 SMU RS04605 WP 002262865.1	..MDNFQLFKL.KKAGLTNLNIN	..IIDYEER.TQKSLSLRDMAVVSKNK	.KPLIFMEHYKNLDSK.ALKKEFNR	69
consensus	*****	*****	*****	

[illegible][illegible]

NTDB id 1361 HI 0985 AAC22646.1	QNR E VFAVPGNITQNKSSQGCHRLIKQGAMLVENAKDILETLYQHSHSQTEIDFDQIAVPNYTPPPDPRLVEAPSPHKLYSRIG	330
NTDB id 626 LCA RS04960 WP 011374694.1	ANRNVYAIPGRIDQSLSQGCNQLIAAGATPLLDKNILIEELRYFD.....	288
NTDB id 599 KW2 RS05940 WP 021037268.1	EGRDI F AIPGNIA D GTS D GCNHLIQQGAKLVYQAQDILEEYLIN.....	282
NTDB id 525 SMSK321 RS06295 WP 000705298.1	EGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....	282
NTDB id 267 KZH43 RS05590 WP 000705306.1	EGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....	282
NTDB id 226 SPD RS05990 WP 000705306.1	EGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....	282
NTDB id 192 SPR RS05715 WP 000705306.1	EGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....	282
NTDB id 157 SP RS06205 WP 000705306.1	EGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....	282
NTDB id 497 SM12261 RS05565 WP 000705318.1	EGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....	282
NTDB id 114955 W903 RS05240 WP 001015249.1	EGR E VFAIPGNITDGKSDGCHHLIQEGAKTISGKDILSEYQ.....	280
NTDB id 407 SMU RS04605 WP 002262865.1	EGRDV F VPGNI L DGQSEGCHHLIQEGAKCITS G FDILNEFN F	280
consensus	* * ! * * * * * ! * ! * * * * ! * ! * * * * ! * * * * * * * * * * * *	

NTDB id 1361 HI 0985 AAC22646.1	YTPVSIDDLAEEFNLSVDVLLVQLLDLELQDLIISENGLYKRV	373
NTDB id 626 LCA RS04960 WP 011374694.1	.....	288
NTDB id 599 KW2 RS05940 WP 021037268.1	.....	282
NTDB id 525 SMSK321 RS06295 WP 000705298.1	.....	282
NTDB id 267 KZH43 RS05590 WP 000705306.1	.....	282
NTDB id 226 SPD RS05990 WP 000705306.1	.....	282
NTDB id 192 SPR RS05715 WP 000705306.1	.....	282
NTDB id 157 SP RS06205 WP 000705306.1	.....	282
NTDB id 497 SM12261 RS05565 WP 000705318.1	.....	282
NTDB id 114955 W903 RS05240 WP 001015249.1	.....	280
NTDB id 407 SMU RS04605 WP 002262865.1	.....	280
consensus		

- X non conserved
- X similar
- X $\geq 50\%$ conserved