

NTDB id 601 KW2 RS02615 WP 021036805.1	MLCQNCNINEA.....	11
NTDB id 378 SMU RS02690 WP 002263569.1	MLCQNCNINEA.....	11
NTDB id 241 SP RS04015 WP 000882523.1	MLCQNCNINDS.....	11
NTDB id 281 KZH43 RS03550 WP 000882517.1	MLCQNCNINDS.....	11
NTDB id 245 SPD RS03860 WP 000882517.1	MLCQNCNINDS.....	11
NTDB id 243 SPR RS03635 WP 000882517.1	MLCQNCNINDS.....	11
NTDB id 85 BSU 00860 NP 387967.1	..MMFGRFTERAQKVLALAQEEALRLGHNNIGTEHILLGLVREGEGIAAKALQALGLGSEKIQKEVESLIG.....R	70
NTDB id 182987 LLJM2 RS09615 WP 011675609.1	MKFENVKYPTPLDRIFEKAAEDAHQYQYGTIESAHLIAAMATTSGSIAYSILAGMNVDSDDLIDL.....EDLSSH	72
NTDB id 610 V4T04 RS10165 WP 012897346.1	MKFENIKYPTPLDRILEKAEYEAHQYQYGTIESAHLIAAMATTSGSIAYSLLAGMNVDSDDLIDL.....EDLSSH	72
NTDB id 287 SP RS11210 WP 001109712.1	MNYSKALNECIESAYMVA GHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE....EVALELTETDYS	70
NTDB id 290 KZH43 RS10025 WP 001109677.1	MNYSKALNECIESAYMVA GHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE....EVALELTETDYS	70
NTDB id 289 SPD RS10700 WP 001109677.1	MNYSKALNECIESAYMVA GHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE....EVALELTETDYS	70
NTDB id 377 SMU RS09275 WP 002262344.1	MTDYS LKMQEVFRLAQFEAARFESSYLESWHVLLAMVEIDSSVAGLSFAEFEADVRFEDYQAAAILAIGKKPKSSS	76
NTDB id 297 STER RS00545 WP 011680614.1	MTIYSRKMQAIFHRAQLEAERFESPFL ETWHVLLAMVEVTGSVAYLTFTDFEDRIHSEEIETAAVLAMEKRPKDLS	76
NTDB id 329 STU RS10020 WP 011225298.1	MTIYSRKMQAIFHRAQLEAERFESPFL ETWHVLLAMVEVPGSVAYLTFTDFEDRIHSEEIETAAVLAMEKRPKDLS	76
consensus	*** * * * * *	

NTDB	id	601	KW2	RS02615	WP	021036805.1	...TTHLYTSVNGQKKQIDLCQNCYQ...IMKSGGQEALFGAGNASNGNSDE.....PFNP.FNDIFSA LQQG	72
NTDB	id	378	SMU	RS02690	WP	002263569.1	...TIHLYANVNGQQKQIDLCQNCYQ...IMKTDPENGPLNHLSSQQNSSS.....INPFFD DFFGD LNNF	70
NTDB	id	241	SP	RS04015	WP	000882523.1	...TIHLYTNLNGKQKQIDLCQNCYK...IIKTDPNNSLFKGMTDLNNRD.....FDP.FG DFFND LNNF	69
NTDB	id	281	KZH43	RS03550	WP	000882517.1	...TIHLYTNLNGKQKQIDLCQNCYK...IIKTDPNNSLFKGMTDLNNRD.....FDP.FG DFFND LNNF	69
NTDB	id	245	SPD	RS03860	WP	000882517.1	...TIHLYTNLNGKQKQIDLCQNCYK...IIKTDPNNSLFKGMTDLNNRD.....FDP.FG DFFND LNNF	69
NTDB	id	243	SPR	RS03635	WP	000882517.1	...TIHLYTNLNGKQKQIDLCQNCYK...IIKTDPNNSLFKGMTDLNNRD.....FDP.FG DFFND LNNF	69
NTDB	id	85	BSU	O0860	NP	387967.1	GQEMSQTIHYPRAKKVIELSMDEARKLGHSYVGTEHILLGLIREGEGVAARVLNNLGVSLNKARQQVLQL..L.....	142
NTDB	id	182987	LLJM2	RS09615	WP	011675609.1	VKVKRSELRFSPRAEEVVTVASFLAVHNNAEAVGTEHLLYALLQVEDGFGIQLLKL.....QKINIVSRKELEKR	143
NTDB	id	610	V4T04	RS10165	WP	012897346.1	VKVKRSTLRFSAPRAEEVVTAAASFIAIHNNSEAVGTEHLLYALLQVEDGFGQLLKL.....QKINIVSRKELEKR	143
NTDB	id	287	SP	RS11210	WP	001109712.1	QDETFTELPFSRRRLQILFDEAEYVASVVHAKVLGTEHVLYAILHDGNALATRILERAGFSYEDKKDQVKIAALRRNLEER	150
NTDB	id	290	KZH43	RS10025	WP	001109677.1	QDETFTELPFSRRRLQILFDEAEYVASVVHAKVLGTEHVLYAILHDGNALATRILERAGFSYEDKKDQVKIAALRRNLEER	150
NTDB	id	289	SPD	RS10700	WP	001109677.1	QDETFTELPFSRRRLQILFDEAEYVASVVHAKVLGTEHVLYAILHDGNALATRILERAGFSYEDKKDQVKIAALRRNLEER	150
NTDB	id	377	SMU	RS09275	WP	002262344.1	N..DTMLEEQSHALKRTLA EAAAISQVTHAKEVGTEHVLFAMLLNPNLLATRILELVGFHAKDDGESIRLLDLRKVTERY	154
NTDB	id	297	STER	RS00545	WP	011680614.1	ESDIIDLRAQSPA LEAMQEAQEIASVTGAVEVGSEHVLMAFLLHKDLMVCRLLEVAGFYQKDDSDKPRIIDLRRSLERN	156
NTDB	id	329	STU	RS10020	WP	011225298.1	ESDIIDLRAQSPA LEAMQEAQGIASVTGAVEVGSEHVLMAFLLHKDLMVCRLLEVAGFYQKDDSDKPRIIDLRRSLERN	156
consensus							* * * * *	

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NTDB id 601 KW2 RS02615 WP 021036805.1
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NTDB id 329 STU RS10020 WP 011225298.1
consensus

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NTDB id 377 SMU RS09275 WP 002262344.1
NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 329 STU RS10020 WP 011225298.1
consensus

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[illegible]

logo

NTDB id 601 KW2 RS02615 WP 021036805.1	LVDLGYNPAMGARPLRRTIQENIEDSTADFYIEHPEYKQL.VADLIDDKIVISNQTQETAETTDDEEVPAE	748
NTDB id 378 SMU RS02690 WP 002263569.1	LVDLGYDPKMGARPLRRTIQEHIEDAITDFYLEHPEQKEL.KAImTSNGKIVIKASNK.VETVTKATSD.	753
NTDB id 241 SP RS04015 WP 000882523.1	LVDLGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKDL.KAVMTSKGNIQIKSAKK.AEVKSSEKEK.	752
NTDB id 281 KZH43 RS03550 WP 000882517.1	LVDLGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKDL.KAVMTSKGNIQIKSAKK.AEVKSSEKEK.	752
NTDB id 245 SPD RS03860 WP 000882517.1	LVDLGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKDL.KAVMTSKGNIQIKSAKK.AEVKSSEKEK.	752
NTDB id 243 SPR RS03635 WP 000882517.1	LVDLGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKDL.KAVMTSKGNIQIKSAKK.AEVKSSEKEK.	752
NTDB id 85 BSU 00860 NP 387967.1	VAEEGVLDLEYGARPLRRAIQKHVEDRLSEELLRGNTHKGQHIVLDVEDGEFVVKTTAKTN.....	810
NTDB id 182987 LLJM2 RS09615 WP 011675609.1	IAEVGFDPPEYGARPLRKALQKEVEDLLSEQLLSGEIKAGNHISIGASNKKIKIAQIV.....	816
NTDB id 610 V4T04 RS10165 WP 012897346.1	IAEVGFDPPEYGARPLRKALQKEVEDLLSEQLLSGEIKAGNHVSIGASNKKIKIAQIV.....	816
NTDB id 287 SP RS11210 WP 001109712.1	LANQGYDPEMGARPLRRTLQTEVEDKLAELLLKGD LVAGSTLKIGVKAGQLKFDIA.....	810
NTDB id 290 KZH43 RS10025 WP 001109677.1	LANQGYDPEMGARPLRRTLQTEVEDKLAELLLKGD LVAGSILKIGVKAGQLKFDIA.....	810
NTDB id 289 SPD RS10700 WP 001109677.1	LANQGYDPEMGARPLRRTLQTEVEDKLAELLLKGD LVAGSILKIGVKAGQLKFDIA.....	810
NTDB id 377 SMU RS09275 WP 002262344.1	LALAGYDAEMGARPLRRTLQTEVEDKLAELILSGKLASGQTLKIGIQKEKLKFDIV.....	813
NTDB id 297 STER RS00545 WP 011680614.1	LAKDGYDIEMGARPLRRTIQTQVEDKLSELLLGQVVSQTTLKIGCSKDKLTFTVV.....	816
NTDB id 329 STU RS10020 WP 011225298.1	LAKDGYDIEMGARPLRRTIQTQVEDKLSELLLGQVVSQTTLKIGCSKDKLTFTVV.....	816
consensus	*** !*****!!!!!!***! *!! *** * * * * * * * * *	

- non conserved
- similar
- ≥ 50% conserved