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NTDB id 601 KW2 RS02615 WP 021036805.1
NTDB id 281 KZH43 RS03550 WP 000882517.1
NTDB id 245 SPD RS03860 WP 000882517.1
NTDB id 243 SPR RS03635 WP 000882517.1
NTDB id 241 SP RS04015 WP 000882523.1
NTDB id 68993 SPYKS030 RS03925 WP 011054709.1
NTDB id 378 SMU RS02690 WP 002263569.1
NTDB id 85 BSU 00860 NP 387967.1
NTDB id 610 V4T04 RS10165 WP 012897346.1
NTDB id 290 KZH43 RS10025 WP 001109677.1
NTDB id 289 SPD RS10700 WP 001109677.1
NTDB id 287 SP RS11210 WP 001109712.1
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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NTDB id 289 SPD RS10700 WP 001109677.1
NTDB id 287 SP RS11210 WP 001109712.1
NTDB id 377 SMU RS09275 WP 002262344.1
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NTDB id 289 SPD RS10700 WP 001109677.1
NTDB id 287 SP RS11210 WP 001109712.1
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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NTDB id 601 KW2 RS02615 WP 021036805.1	GAPPGYVGYDEAGQLTEKVRNKPYSLLLDEVEKAHPDVMMFLQVLDGRLTDGGRVTSFKDSLIIIMTSNAGTGK..V	601
NTDB id 281 KZH43 RS03550 WP 000882517.1	GAPPGYVGYDEAGQLTEKVRHN	607
NTDB id 245 SPD RS03860 WP 000882517.1	GAPPGYVGYDEAGQLTEKVRHN	607
NTDB id 243 SPR RS03635 WP 000882517.1	GAPPGYVGYDEAGQLTEKVRHN	607
NTDB id 241 SP RS04015 WP 000882523.1	GAPPGYVGYDEAGQLTEKVRHN	607
NTDB id 68993 SPYKS030 RS03925 WP 011054709.1	GAPPGYVGYDEAGQLTEQVRRN	614
NTDB id 378 SMU RS02690 WP 002263569.1	GAPPGYVGYDEAGQLTEKVRN	608
NTDB id 85 BSU 00860 NP 387967.1	GSPPGYVGYDEGGQLTEKVRNK	667
NTDB id 610 V4T04 RS10165 WP 012897346.1	GAPPGYVGYDEGGQLTEKVRNK	676
NTDB id 290 KZH43 RS10025 WP 001109677.1	GAPPGYVGYDEGGELTEKVRNK	671
NTDB id 289 SPD RS10700 WP 001109677.1	GAPPGYVGYDEGGELTEKVRNK	671
NTDB id 287 SP RS11210 WP 001109712.1	GAPPGYVGYDEGGELTEKVRNK	671
NTDB id 377 SMU RS09275 WP 002262344.1	GAPPGYVGYDEGGELTEKVRNK	674
NTDB id 297 STER RS00545 WP 011680614.1	GAPPGYVGYDEGGELTEKVRNK	677
NTDB id 329 STU RS10020 WP 011225298.1	GAPPGYVGYDEGGELTEKVRNK	677
consensus	!*!!!!!!!!*!*!*!!!!*!! !!!!!*!*!*!!!!!!* * !*!*!! *!! !! ! !* ***!!!!!! !	

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NTDB id 601 KW2 RS02615 WP 021036805.1	EASVGFGAAREG....RTKSVLGQLGDFFSPEFMNRFDGIEFSALESKENLLKIVDLMIDEVNEQIGRNDIHLSVTQAA	676
NTDB id 281 KZH43 RS03550 WP 000882517.1	EASVGFGAAREG....RTNSVLGELGNFFSPEFMNRFDGIEFKALS	682
NTDB id 245 SPD RS03860 WP 000882517.1	EASVGFGAAREG....RTNSVLGELGNFFSPEFMNRFDGIEFKALS	682
NTDB id 243 SPR RS03635 WP 000882517.1	EASVGFGAAREG....RTNSVLGELGNFFSPEFMNRFDGIEFKALS	682
NTDB id 241 SP RS04015 WP 000882523.1	EASVGFGAAREG....RTNSVLGELGNFFSPEFMNRFDGIEFKALS	682
NTDB id 68993 SPYKS030 RS03925 WP 011054709.1	EASVGFGAAREG....RTSSVLGELSNFFSPEFMNRFDGIEFKALS	689
NTDB id 378 SMU RS02690 WP 002263569.1	EANVGFGASREG....RTNSVLGELGNFFSPEFMNRFDGIEFQALS	683
NTDB id 85 BSU 00860 NP 387967.1	NKYVGFNVDQETQNHKDMKDKVMGELKRAFRPEFINRIDEIVFHSLEKKHLTEIVSLMSDQLTKRLKEQDLSIELTDAA	747
NTDB id 610 V4T04 RS10165 WP 012897346.1	DKTVGFGAKNITADYSAMKSRILEELKRHYRPEFLNRIDENIVFHSLESQETEQIVKIMSKSLIKRLAEQDIHVKLTPSA	756
NTDB id 290 KZH43 RS10025 WP 001109677.1	DKTVGFGAKDIRFDQENMEKRMFEELKKAYRPEFINRIDEKVVVFSLSDDHMQEVVKIMVKPLVASLAEKGIDLKLQASA	751
NTDB id 289 SPD RS10700 WP 001109677.1	DKTVGFGAKDIRFDQENMEKRMFEELKKAYRPEFINRIDEKVVVFSLSDDHMQEVVKIMVKPLVASLAEKGIDLKLQASA	751
NTDB id 287 SP RS11210 WP 001109712.1	DKTVGFGAKDIRFDQENMEKRMFEELKKAYRPEFINRIDEKVVVFSLSDDHMQEVVKIMVKPLVASLTEKGIDLKLQASA	751
NTDB id 377 SMU RS09275 WP 002262344.1	DKTVGFGAKSFSQDYKAMESRIILEELKKVYRPEFINRIDEKVVVFHNLGQEDIRHIVKIMVAPLIAHLADQGITLKFQPSA	754
NTDB id 297 STER RS00545 WP 011680614.1	DKTVGFGAQTISHNHQAMQARIMEELKKSYPPEFINRIDEKVVVFSLEEEQLHDIVKIMVKPLISALADKGISLKFQPA	757
NTDB id 329 STU RS10020 WP 011225298.1	DKTVGFGAQTISHNHQAMQARIMEELKKSYPPEFINRIDEKVVVFSLEEEQLHDIVKIMVKPLISALADKGISLKFQPA	757
consensus	* *!!!!** ** *! * !!!!! ! * ! !* * * *! *!* * ** * * * * *	

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X non conserved
X similar
X ≥ 50% conserved