

logo

NTDB id 601 KW2 RS02615 WP 021036805.1	DVIMFIDEIHEIVGAGSAGDGNMDAGNILKPALARGE	295
NTDB id 281 KZH43 RS03550 WP 000882517.1	DIILFIDEIHEIVGAGSASDGNMDAGNILKPALARGE	301
NTDB id 245 SPD RS03860 WP 000882517.1	DIILFIDEIHEIVGAGSASDGNMDAGNILKPALARGE	301
NTDB id 243 SPR RS03635 WP 000882517.1	DIILFIDEIHEIVGAGSASDGNMDAGNILKPALARGE	301
NTDB id 241 SP RS04015 WP 000882523.1	DIILFIDEIHEIVGAGSASDGNMDAGNILKPALARGE	301
NTDB id 140447 CUGBS08 RS03085 WP 000882548.1	DVILFIDEIHEIVGAGTAGEGSMDAGNILKPALARGE	305
NTDB id 378 SMU RS02690 WP 002263569.1	DVILFIDEIHEIVGAGSAGDGNMDAGNILKPALARGE	302
NTDB id 85 BSU 00860 NP 387967.1	NIILFIDELHTLIGAGG.AEGAIDASNILKPSLARGE	351
NTDB id 610 V4T04 RS10165 WP 012897346.1	DVIIFIDELHTIIGAGGCMDSVNDANILKPALARGE	365
NTDB id 290 KZH43 RS10025 WP 001109677.1	QVILFIDELHTIMGSGSGIDSTLDAANILKPALARGE	378
NTDB id 289 SPD RS10700 WP 001109677.1	QVILFIDELHTIMGSGSGIDSTLDAANILKPALARGE	378
NTDB id 287 SP RS11210 WP 001109712.1	QVILFIDELHTIMGSGSGIDSTLDAANILKPALARGE	378
NTDB id 377 SMU RS09275 WP 002262344.1	HIVLFIDELHTIMGSGSGIDSTLDAANILKPALARGE	382
NTDB id 297 STER RS00545 WP 011680614.1	KIILFIDELHTIIGSGSGIDSTLDAANILKPALARGE	385
NTDB id 329 STU RS10020 WP 011225298.1	KIILFIDELHTIIGSGSGIDSTLDAANILKPALARGE	385
consensus	***!!!!*! *!*!*** * *!***!!!!*!!!!* * * *!***!***!!	

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NTDB id 601 KW2 RS02615 WP 021036805.1	RGIQARYEDYHHVKYTDEAIEAAHLSNRYIQDRFLPDKAIDLLDEAGSKKNITLKF..VDPEDINRRITADAENKKNEAT	373
NTDB id 281 KZH43 RS03550 WP 000882517.1	KGIQKKYEDYHHVQYTDAAIEAAATLSNRYIQDRFLPDKAIDLLDEAGSKMNLTLNF..VDPKVIDQRLIEAENLKSQAT	379
NTDB id 245 SPD RS03860 WP 000882517.1	KGIQKKYEDYHHVQYTDAAIEAAATLSNRYIQDRFLPDKAIDLLDEAGSKMNLTLNF..VDPKVIDQRLIEAENLKSQAT	379
NTDB id 243 SPR RS03635 WP 000882517.1	KGIQKKYEDYHHVQYTDAAIEAAATLSNRYIQDRFLPDKAIDLLDEAGSKMNLTLNF..VDPKVIDQRLIEAENLKSQAT	379
NTDB id 241 SP RS04015 WP 000882523.1	KGIQKKYEDYHHVQYTDAAIEAAATLSNRYIQDRFLPDKAIDLLDEAGSKMNLTLNF..VDPKVIDQRLIEAENLKSQAT	379
NTDB id 140447 CUGBS08 RS03085 WP 000882548.1	KGIQKKYEDYHHVKYNDAIEAAAVLSNRYIQDRFLPDKAIDLLDEAGSKMNLTLNF..VDPKEIDQRLIEAENLKVQAT	383
NTDB id 378 SMU RS02690 WP 002263569.1	KGIQPKYEDYHHVKYTDEAIEAAANLSNRYIQDRFLPDKAIDLLDEAGSKMNLTLNF..VDPKEIDHRLIEAENLKAQAT	380
NTDB id 85 BSU 00860 NP 387967.1	QGLRDRIEAAHRSITDDAIEAAVKLSDRYISDRFLPDKAIDLIDEAGSKVRLRSFTTPNLEKEQLDEVKKEKDAV	431
NTDB id 610 V4T04 RS10165 WP 012897346.1	QGLREKFEDYHQVKFTDQAIKSAVMLSVRYMTSRKLPDKAIDLLDEAAAAVKISVKNQQTGRLDLEKELAAEQEELSEAV	445
NTDB id 290 KZH43 RS10025 WP 001109677.1	QGLKATYEKHHRVQITDEAVETAVKMAHRYLTSRHLPDSAIDLLDEAAATVQNKAKHVKA	450
NTDB id 289 SPD RS10700 WP 001109677.1	QGLKATYEKHHRVQITDEAVETAVKMAHRYLTSRHLPDSAIDLLDEAAATVQNKAKHVKA	450
NTDB id 287 SP RS11210 WP 001109712.1	QGLKATYEKHHRVQITDEAVETAVKMAHRYLTSRHLPDSAIDLLDEAAATVQNKAKHVKA	450
NTDB id 377 SMU RS09275 WP 002262344.1	LGLKKSRYETIYHHVIIIDAAVMAAVKGAHRYLSGNLPD	452
NTDB id 297 STER RS00545 WP 011680614.1	NGLRSSYEDYHRVTITDAAVETAVKAAHRYLTSKNLPD	455
NTDB id 329 STU RS10020 WP 011225298.1	NGLRSSYEDYHRVTITDAAVETAVKAAHRYLTSKNLPD	455
consensus	!* **!***! ! ** !***! ** !!* * !!!*!!!!*!!!!* *** * * *** * * *	

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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 140447 CUGBS08 RS03085 WP 000882548.1
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 601 KW2 RS02615 WP 021036805.1	GYVGYDEAGQLTEKVRNKPYSYLILDEIEKAHPDVMHMFLLQVLDGRLTDGGRVTSFKDSLIIIMTSNAGTGK..VEASV	605
NTDB id 281 KZH43 RS03550 WP 000882517.1	GYVGYDEAGQLTEKVRHNPKYSYLILLDEVEKAHPDVMHMFLLQVLDDGRLTDGGRVTSFKDAIIIMTSNAGTGK..TEASV	611
NTDB id 245 SPD RS03860 WP 000882517.1	GYVGYDEAGQLTEKVRHNPKYSYLILLDEVEKAHPDVMHMFLLQVLDDGRLTDGGRVTSFKDAIIIMTSNAGTGK..TEASV	611
NTDB id 243 SPR RS03635 WP 000882517.1	GYVGYDEAGQLTEKVRHNPKYSYLILLDEVEKAHPDVMHMFLLQVLDDGRLTDGGRVTSFKDAIIIMTSNAGTGK..TEASV	611
NTDB id 241 SP RS04015 WP 000882523.1	GYVGYDEAGQLTEKVRHNPKYSYLILLDEVEKAHPDVMHMFLLQVLDDGRLTDGGRVTSFKDAIIIMTSNAGTGK..TEASV	611
NTDB id 140447 CUGBS08 RS03085 WP 000882548.1	GYVGYDEAGQLTEKVRNPKYSYLILLDEIEKAHPDVMHMFLLQVLDDGRLTDGGRVTSFKDTIIIMTSNAGSGK..TEASV	615
NTDB id 378 SMU RS02690 WP 002263569.1	GYVGYDEAGQLTEKVRNPKYSYLILLDEVEKAHPDVMHMFLLQVLDDGRLTDGGRVTSFKDTIIIMTSNAGTGK..SEANV	612
NTDB id 85 BSU 00860 NP 387967.1	GYVGYDEGGQLTEKVRNPKYSVVLLEIEKAHPDVFNILLQVLLEDGRLTDSKGRVDFRNTIILIMTSNVGASELKRNYV	671
NTDB id 610 V4T04 RS10165 WP 012897346.1	GYVGYDEGGQLTEKVRNPKYSVVLLEVEKAHPDVFNIMLLQILDDGFVTDTKGRKVDFRNTIIIMTSNGLGATALRDDKTV	680
NTDB id 290 KZH43 RS10025 WP 001109677.1	GYVGYDEGGELTEKVRNPKYSVLLFDEVEKAHPDIFNVLLQVLDDGVLTDTSKGRKVDFSNTIIIMTSNGLGATALRDDKTV	675
NTDB id 289 SPD RS10700 WP 001109677.1	GYVGYDEGGELTEKVRNPKYSVLLFDEVEKAHPDIFNVLLQVLDDGVLTDTSKGRKVDFSNTIIIMTSNGLGATALRDDKTV	675
NTDB id 287 SP RS11210 WP 001109712.1	GYVGYDEGGELTEKVRNPKYSVLLFDEVEKAHPDIFNVLLQVLDDGVLTDTSKGRKVDFSNTIIIMTSNGLGATALRDDKTV	675
NTDB id 377 SMU RS09275 WP 002262344.1	GYVGYDEGGELTEKVRNPKYSVLLFDEVEKAHPDIFNILLQVLDDGVLTDTSRGRKVDFSNTIIIMTSNGLGATALRDDKTV	678
NTDB id 297 STER RS00545 WP 011680614.1	GYVGYDEGGELTEKVRNPKYSVLLFDEIEKAHPDIFNILLQVLDDGVLTDTSRGRKVDFSNTIIIMTSNGLGATALRDDKTV	681
NTDB id 329 STU RS10020 WP 011225298.1	GYVGYDEGGELTEKVRNPKYSVLLFDEIEKAHPDIFNVLLQVLDDGVLTDTSRGRKVDFSNTIIIMTSNGLGATALRDDKTV	681
consensus	!!!!*!*!*!!!!*!! !!!*!*!*!*!!!!!!* * !*!*!*! *!! !! ! !* **!!!!!! ! * *!	

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NTDB id 601 KW2 RS02615 WP 021036805.1	GFGAAREG....RTKSVLGLQIGDFFSPEFMNRFDGIIIEFSALSKENLLKIVDLMIDEVNEQIGRNDIHLSTVTAQAKEKL	680
NTDB id 281 KZH43 RS03550 WP 000882517.1	GFGAAREG....RTNSVLGELGNFFSPEFMNRFDGIIIEFKALSKDNLLQIVELMLADVNKRLSSNNIRLDVTDKVKEKL	686
NTDB id 245 SPD RS03860 WP 000882517.1	GFGAAREG....RTNSVLGELGNFFSPEFMNRFDGIIIEFKALSKDNLLQIVELMLADVNKRLSSNNIRLDVTDKVKEKL	686
NTDB id 243 SPR RS03635 WP 000882517.1	GFGAAREG....RTNSVLGELGNFFSPEFMNRFDGIIIEFKALSKDNLLQIVELMLADVNKRLSSNNIRLDVTDKVKEKL	686
NTDB id 241 SP RS04015 WP 000882523.1	GFGAAREG....RTNSVLGELGNFFSPEFMNRFDGIIIEFKALSKDNLLQIVELMLADVNKRLSSNNIRLDVTDKVKEKL	686
NTDB id 140447 CUGBS08 RS03085 WP 000882548.1	GFGASREG....RTNSVLGLQIGNFFSPEFMNRFDGIIIEFKALDKENLLNIVDMLSDVNARLAINGIHLDVTDKVKEKL	690
NTDB id 378 SMU RS02690 WP 002263569.1	GFGASREG....RTNSVLGELGNFFSPEFMNRFDGIIIEFQALSKDNLLQIVSLMLDDVNQRLAVNAIHLDVTDKVKEKL	687
NTDB id 85 BSU 00860 NP 387967.1	GFNVQDETQNHKDMKDKVMGELKRAFRPEFINRIDEIIVFHSLEKKHLTEIVSLMSDQLTKRLKEQDLSTIELTDAAKAV	751
NTDB id 610 V4T04 RS10165 WP 012897346.1	GFGAKNITADYSAMKSRILEELKRHYRPEFLNRIDENIVFHSLESQETIEQIVKIMSKSLIKRLAEQDIHVKLTPSAVKLI	760
NTDB id 290 KZH43 RS10025 WP 001109677.1	GFGAKDIRFDQENMEKRMFEELKKAYRPEFINRIDEKVVVFHSLSSDHMQEVVKIMVKPLVASLAKEGIDLKLQASALKLL	755
NTDB id 289 SPD RS10700 WP 001109677.1	GFGAKDIRFDQENMEKRMFEELKKAYRPEFINRIDEKVVVFHSLSSDHMQEVVKIMVKPLVASLAKEGIDLKLQASALKLL	755
NTDB id 287 SP RS11210 WP 001109712.1	GFGAKDIRFDQENMEKRMFEELKKAYRPEFINRIDEKVVVFHSLSSDHMQEVVKIMVKPLVASLTEKGIDLKLQASALKLL	755
NTDB id 377 SMU RS09275 WP 002262344.1	GFGAKSFSQDYKAMESRIIEELKKVYRPEFINRIDEKVVVFHNLGQEDIRHIVKIMVAPLIAHLADQGITLKFQPSALKHL	758
NTDB id 297 STER RS00545 WP 011680614.1	GFGAQTISHNHQAMQARIMEELKKSYPPEFINRIDEKVVVFHSLLEEELQHDIVKIMVKPLISALADKGISLKFQPAALKHL	761
NTDB id 329 STU RS10020 WP 011225298.1	GFGAQTISHNHQAMQARIMEELKKSYPPEFINRIDEKVVVFHSLLEEELQHDIVKIMVKPLISALADKGISLKFQPAALKHL	761
consensus	!!** ** *! * !!!*!! ! * ! !* *** *! *!* * ** * * * * * *	

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X non conserved
X similar
X ≥ 50% conserved