

logo

NTDB id 85 BSU 00860 NP 387967.1	..MMFGRFTERAQKVLALAQEEALRLGHNNIGTEHLLGLVREGEGIAAKALQALGLGSEKIQKEVESLI.....GR	70
NTDB id 985625 MHB66 RS06460 WP 046310761.1	MRCQHCVNEATIRLNMQVN.....S.	21
NTDB id 601 KW2 RS02615 WP 021036805.1	MLCQNCNINEATIHLYTSVN.....G.	21
NTDB id 378 SMU RS02690 WP 002263569.1	MLCQNCNINEATIHLYANVN.....G.	21
NTDB id 281 KZH43 RS03550 WP 000882517.1	MLCQNCNINEATIHLYTNLN.....G.	21
NTDB id 245 SPD RS03860 WP 000882517.1	MLCQNCNINEATIHLYTNLN.....G.	21
NTDB id 243 SPR RS03635 WP 000882517.1	MLCQNCNINEATIHLYTNLN.....G.	21
NTDB id 241 SP RS04015 WP 000882523.1	MLCQNCNINEATIHLYTNLN.....G.	21
NTDB id 610 V4T04 RS10165 WP 012897346.1	MKFENIKYPTLDRILEKAEYAHQYQYGTIESAHLAAMATTSGSIAYSLLAGMNVDSDDLIDL.....EDLSSH	72
NTDB id 287 SP RS11210 WP 001109712.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNSHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYS	70
NTDB id 290 KZH43 RS10025 WP 001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNSHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYS	70
NTDB id 289 SPD RS10700 WP 001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNSHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYS	70
NTDB id 377 SMU RS09275 WP 002262344.1	MTDYSLKMQEVFRLAQFEAARFESSYLESWHVLLAMVEIDSSVAGLSFAEFEADVRFEDYQAAAILAIGKKPKSSS	76
NTDB id 297 STER RS00545 WP 011680614.1	MTIYSRKMQAIFHRAQLEAERFESPFLLETWHVLLAMVEVPGSVAYLTFTDFEDRIHSEEIETAAVLAMEKRPKDLS	76
NTDB id 329 STU RS10020 WP 011225298.1	MTIYSRKMQAIFHRAQLEAERFESPFLLETWHVLLAMVEVPGSVAYLTFTDFEDRIHSEEIETAAVLAMEKRPKDLS	76
consensus	*.....*	

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NTDB id 85 BSU 00860 NP 387967.1	GQEMSQTIHYTPRAKKVIELSMDEARKIGHSYVGTETHEILLGLIREGEGVAA...RV.....LNNILGVSLNKA	134
NTDB id 985625 MHB66 RS06460 WP 046310761.1	SRSQMVLCEDCYTSLM...EQSKMK.....MGP.....QLFGGS...	52
NTDB id 601 KW2 RS02615 WP 021036805.1	QKKQIDLCQNCYQIMK...SGGQEALEFGAGNASNGNSDEPFNP.....FNDIFSAIQGQ	72
NTDB id 378 SMU RS02690 WP 002263569.1	QKKQIDLCQNCYQIMK...TDPENGPLNHLSSQQNSSS...INPF.....FDDFFGDLNNF	70
NTDB id 281 KZH43 RS03550 WP 000882517.1	QKKQIDLCQNCYQIMK...TDPNNSLFKGMTDLNNRD...FDP.....FGDFFNDLNNF	69
NTDB id 245 SPD RS03860 WP 000882517.1	QKKQIDLCQNCYQIMK...TDPNNSLFKGMTDLNNRD...FDP.....FGDFFNDLNNF	69
NTDB id 243 SPR RS03635 WP 000882517.1	QKKQIDLCQNCYQIMK...TDPNNSLFKGMTDLNNRD...FDP.....FGDFFNDLNNF	69
NTDB id 241 SP RS04015 WP 000882523.1	QKKQIDLCQNCYQIMK...TDPNNSLFKGMTDLNNRD...FDP.....FGDFFNDLNNF	69
NTDB id 610 V4T04 RS10165 WP 012897346.1	VKVKRSTLRFSPRAEEVMTAASFLAIHNNSEAVGTEHLLYALLQVEDGFGQLQLKL.....QKINIVSLRKELEKR	143
NTDB id 287 SP RS11210 WP 001109712.1	QDETFTTELPFSRRLQVLFDEAEYVASVVHAKVLGTEHVLVYAILHDSNALATRILERAGFSYEDKKDQVKIAALRRNLEER	150
NTDB id 290 KZH43 RS10025 WP 001109677.1	QDETFTTELPFSRRLQILFDEAEYVASVVHAKVLGTEHVLVYAILHDGNALATRILERAGFSYEDKKDQVKIAALRRNLEER	150
NTDB id 289 SPD RS10700 WP 001109677.1	QDETFTTELPFSRRLQILFDEAEYVASVVHAKVLGTEHVLVYAILHDGNALATRILERAGFSYEDKKDQVKIAALRRNLEER	150
NTDB id 377 SMU RS09275 WP 002262344.1	N..DIMLLEQSHALKRTLAEAAAISSQVTHAKEVGTETHEVLFAMLLNPNLLATRILELVGFHAKDDGESIRLLDLRKVIERY	154
NTDB id 297 STER RS00545 WP 011680614.1	ESDIIDLRAQSPAELAMLQEAQGIASVTGAVEVGEHVLMAFLLHKDLMVCRLLEVAGFQYKDDSDKPRIIDLRRSLERN	156
NTDB id 329 STU RS10020 WP 011225298.1	ESDIIDLRAQSPAELAMLQEAQGIASVTGAVEVGEHVLMAFLLHKDLMVCRLLEVAGFQYKDDSDKPRIIDLRRSLERN	156
consensus	**.....**.....***.....*.....**.....**.....*	

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NTDB id	85	BSU	00860	NP	387967.1
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NTDB id	378	SMU	RS02690	WP	002263569.1
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	610	V4T04	RS10165	WP	012897346.1
NTDB id	287	SP	RS11210	WP	001109712.1
NTDB id	290	KZH43	RS10025	WP	001109677.1
NTDB id	289	SPD	RS10700	WP	001109677.1
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					

AGSSNEDLKA RPTFEDTTP LTPRRTKTPADK GYGGNGGYG SSSARMAAMT SSSEI KGLLEFGDLE ARSGK DPVIGRD EEL Rv	RQQ.....VLQLLGSNE....TGSSAA....GTNSNANTPTLDSLARDLTAIAKEDSLDPVIGRSKEIQRV	192
.....SFFSQAASHAPNMEQPKQKGLLDELGRNLTGAGNAGLIDPVIGRDEEVARV	103	
..DFNGAASNQ.....TPPTQTGG.....RGPGRPQNPRAKQPKGMLLEFGINITESARRGEIDPVIGRDEEIKRV	136	
RAFNNQDLPN.....TPPTQAGGGNGNGGN.N.RRPGGPQQQASQKPNGLLEFGINLTDIARKGEIDPVIGRDEEITRV	143	
RPSSN..TTP.....IPPTQSGGGYGGNGGYGSQNRGSAQTTPPSQEKGLLEFGINVTEIARRGIDPVIGRDDEIIRV	142	
RPSSN..TTP.....IPPTQSGGGYGGNGGYGSQNRGSAQTTPPSQEKGLLEFGINVTEIARRGIDPVIGRDDEIIRV	142	
RPSSN..TTP.....IPPTQSGGGYGGNGGYGSQNRGSAQTTPPSQEKGLLEFGINVTEIARRGIDPVIGRDDEIIRV	142	
RPSSN..TTP.....IPPTQSGGGYGGNGGYGSQNRGSAQTTPPSQEKGLLEFGINVTEIARRGIDPVIGRDDEIIRV	142	
TGLKVPESKKAVTPMSKRKMAK.....VAENSTTPTLDSVSSDLTEEARLGLDPMIGREAEIDRL	205	
AGWTREDLKA.LRQRHRTV.ADK.....QNSMANMMGMPTPSGGLEDYTHDLTEQARSQKLEPVIGRDKEISRM	218	
AGWTREDLKA.LRQRHRTV.ADK.....QNSMANMMGMPTPSGGLEDYTHDLTEQARSQKLEPVIGRDKEISRM	218	
AGWTREDLKA.LRQRHRTV.ADK.....QNSMANMMGMPTPSGGLEDYTHDLTEQARSQKLEPVIGRDKEISRM	218	
AGFSKEDIKA.IFEMRKPKKVKN.....SSSFSFLMKPP.SVTGELADFTRDLTALARQGRLEPVIGREQEISRM	222	
AGLSKQDLKA.IHDLRKPKKSKA.....SANFANMMQPPQSSTGELADYTKDLTALAESGNLDPVIGRDEEISRM	225	
AGLSKQDLKA.IHDLRKPKKSKA.....SANFANMMQPPQSSTGELADYTKDLTALAESGNLDPVIGRDEEISRM	225	
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NTDB id	297	STER	RS00545	WP	011680614.1
NTDB id	329	STU	RS10020	WP	011225298.1
consensus					

IELSRRTKNNPVLIGEPGVGKTAIAEGLAQRIINNEVPEILRDKRVMITLDMGTVVAGTKYRGEFEDRLKKVMDIEIRQAG	272
IEILNRRNKNPNVLIGEPGVGKTAIAEGLALKIASGDVPNKLKNKQIYLLDVSSLVANTGVRGQFEERMKQLIKELQSRK	183
IEILNRRTKNNPVLIGEPGVGKTAVVEGLAQKIVDGDVPQKLQNKQEVIRLDVSVLVQGTGIRGQFEERMQKLMDEIRKRN	216
IEILNRRTKNNPVLIGEPGVGKTAVVEGLAQKIVDGDVPQKLHGKNVIRLDVSVLVQGTGIRGQFEERMQKLMEEIRQRQ	223
IEILNRRTKNNPVLIGEPGVGKTAVVEGLAQKIVDGDVPHKLQGKQVIRLDVSVLVQGTGIRGQFEERMQKLMEEIRKRE	222
IEILNRRTKNNPVLIGEPGVGKTAVVEGLAQKIVDGDVPHKLQGKQVIRLDVSVLVQGTGIRGQFEERMQKLMEEIRKRE	222
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IHILSRRTKNNPVLIGEPGVGKSATIEGLAQRIVNGQVPIGLMNSRIMALNMATVVAGTKFRGEFEDRLTAIVEEVSSDP	285
IQILSRKTKNNPVLVGDAVGKTAIALGLAQRIASGDVPAEMAKMRVLELDLMNVVAGTRFRGDFEERMNIIKDIEEDG	298
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IQVLSRKTKNNPVLVGEAGVGKTAIALGLAQRIASGEVPFELADMRIEELDMMSVVAGTRFRGDFEERMNIIADIEADG	305
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consensus

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consensus

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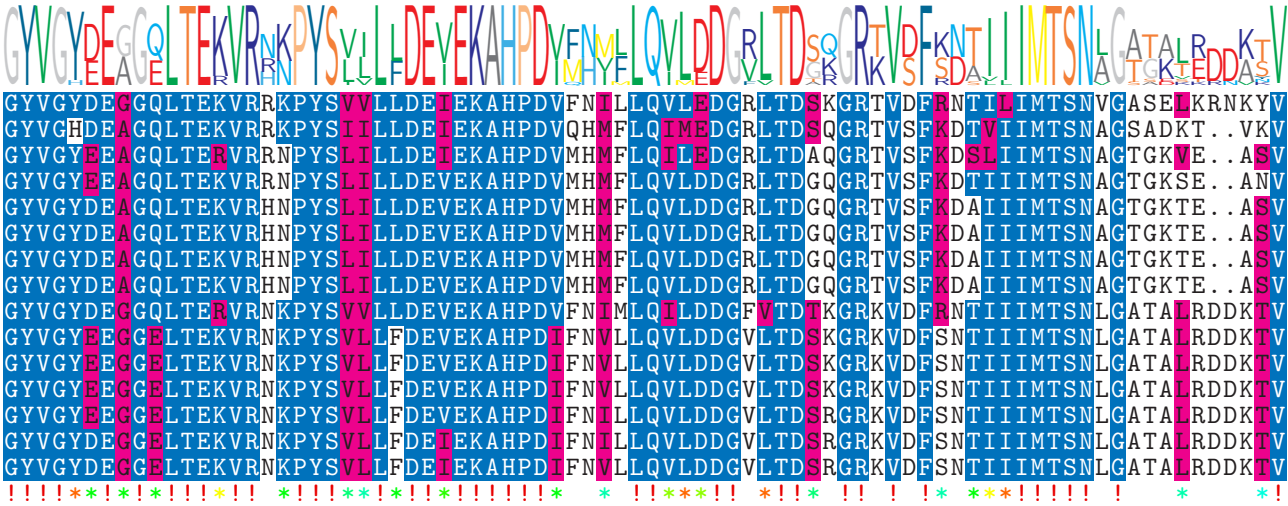
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NTDB id 377 SMU RS09275 WP 002262344.1
NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 329 STU RS10020 WP 011225298.1
consensus

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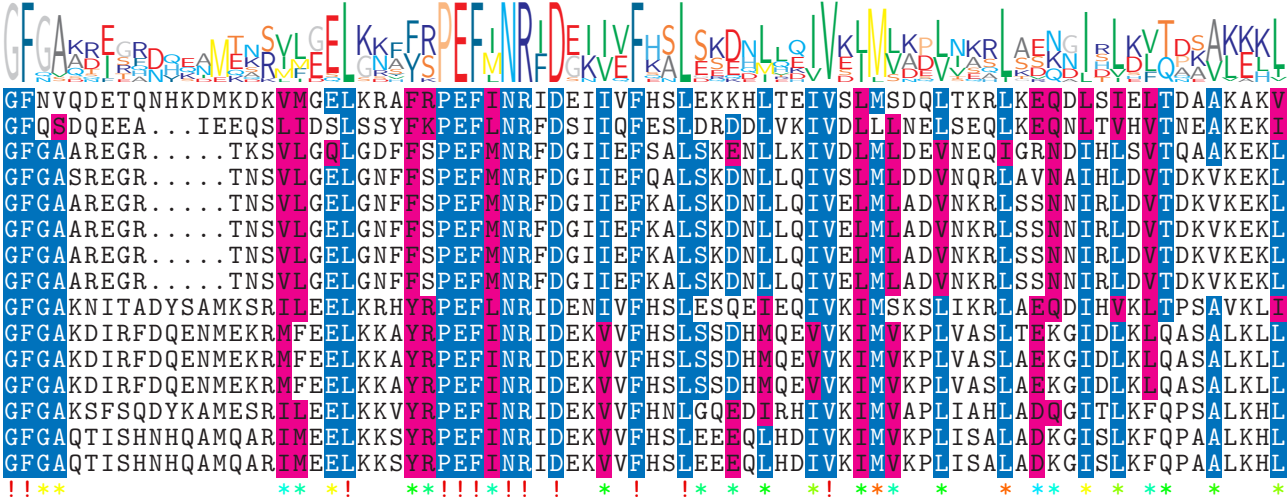
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consensus



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681
681

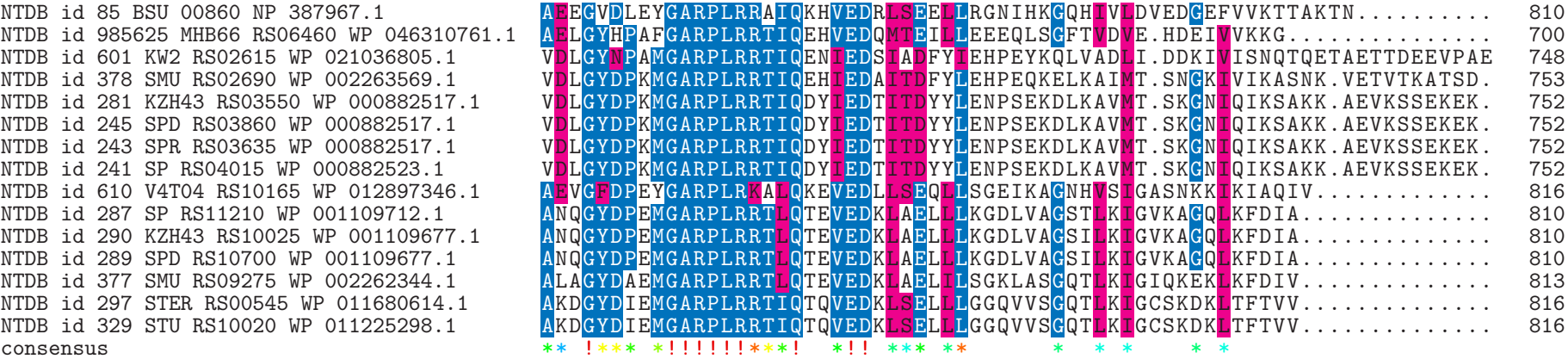
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consensus



751
647
680
687
686
686
686
760
755
755
755
758
761
761

logo



X non conserved
! similar
X ≥ 50% conserved