

NTDB id	48	STER RS01535 WP 011680720.1	MN	LKDSI	GLRIKTERERQQMSREVLCLDGAELTVRQLIRIEKGESLPSLDRLSYIAKRLGKSMTTELLDQDNITIPD	76
NTDB id	321	STU RS10980 WP 011225448.1	MN	LKDSI	GLRIKTERERQQMSREVLCLDGAELTVRQLIRIEKGESLPSLDRLSYIAKRLGKSMTTELLDQDNITIPD	76
NTDB id	51	STRSA0001 RS01280 WP 002883753.1	MN	LKDSI	GLRIKTERELQQMSREVLCLDGAELTVRQLIRIEKGESLPSLDKLSYIAKRLGKSMTDLDDHDNITIPD	76
NTDB id	469	HSISS4 RS01285 WP 021143546.1	MN	LKDSI	GLRIKTERERQQMSREVLCLDGAELTVRQLIRIEKGESLPSLDKLSYIAKRLGKNMDDLDDHNDITIPD	76
NTDB id	579	DLJ51 RS00265 WP 109982338.1	MT	KADLR	GRRKAERNRKISQSFCGDEEKLTI RQLQRIEHGQSLPTLEKLEFIADRDLTKMSDLLLEGRNIQLPD	76
NTDB id	580	DLJ51 RS00275 WP 109982339.1	MT	MKEVL	GQRIKEERESKQISQKLCGNGAALTVRQLQRIEHGQSLPTLEKLEFIARRDLKTSDLLESVDVQLPE	76
NTDB id	458	SSUD9 RS00355 WP 002935296.1	MND	KEFG	QQRVRQLRESASMTREQFCDDELELSVRQLTRIEAGASKPTFSKI QYIATRLGMGLYEL.MPDYVS LPE	74
NTDB id	465	SSU05 0053 ABP89025.1	MEVWFMND	KEFG	QQRVRQLRESASMTREQFCDDELELSVRQLTRIEAGASKPTFSKI QYIATRLGMGLYEL.MPDYVS LPE	79
NTDB id	455	SSU RS00330 WP 012774888.1	MND	KEFG	QQRVRQLRESASMTREQFCDDELELSVRQLTRIEAGASKPTFSKI QYIATRLGMGLYEL.MPDYVS LPE	74
NTDB id	555	STRINF RS01865 WP 174221231.1	MREEKE	ISREEFCG	DETSESVRLARIELNQSPNLISKASFIANRLGVKLGTLTGDGDSL ELPK	63
NTDB id	45	SMU RS00375 WP 002263400.1	MLKDF	GKKIKSLRLEKGLTKEAVCLDES QLSTRQLTRIESGQSTPTLNKAVYIAGR LGVTLG YLTDGENVELPS	74	
NTDB id	337723	EQH31 RS11235 WP 025169467.1	MREF	GEEKIKRLRLAKKISRSEFCG	DESELSTRQLIRIENGESRPTLTCLKYIAERLGGVKITS.....	63
NTDB id	443	SPYM3 RS00325 WP 011054099.1	MLEHF	GKKVKVLRLEKRISRDEL	CGDESELSVRQLARIELGQSIPSLSKVI FIAKALNV SVGYLTDGADLELPK	74
NTDB id	451	SPYM18 RS00325 WP 002986681.1	MLEHF	GKKVKVLRLEKRISRDEL	CGDESELSVRQLARIELGQSIPSLSKVI FIAKALNV SVGYLTDGADLELPK	74
consensus						* * * * *

NTDB id 48	STER RS01535 WP 011680720.1	EYYEMKNRLIKFPTYRNPDRIKSKLTLIEEVYEKFFDILPEEELLTLDILENILSFTSW	EESPKVEEIYEDLFEQVKRKR	156
NTDB id 321	STU RS10980 WP 011225448.1	EYYEMKNRLIKFPTYRNPDRIKSKLTLIEEVYEKFFDILPEEELLTLDILENILSFTSW	EESPKVEEIYEDLFEQVKRKR	156
NTDB id 51	STRSA0001 RS01280 WP 002883753.1	EYYEMKNRLIKFPTYRNPRIKAKLALIEEVYEKFFELLSEELLTLDILENILSFTSW	EESPKVEEIYEDLFEQVKRKR	156
NTDB id 469	HSISS4 RS01285 WP 021143546.1	EYYEMKNRLIKFPTYRNPRIKAKLALIEEVYEKFFELLSEELLTLDILENILSFTSW	EESPKVEEIYEDLFEQVKRKR	156
NTDB id 579	DLJ51 RS00265 WP 109982338.1	DYWEKARIVKFPTYGDEERIQQKQNLIDEIYDKYFDSLPEDELLFLDLSENILGGIHDKNIPDIE	EIYDDAFDQVLKKE	156
NTDB id 580	DLJ51 RS00275 WP 109982339.1	DYWAMKARIVKFPTYGEKERIQRKLDLINEVLVKYFDRLPDELLFLDLSENILDRIHDKRIPNIE	EIYDDAFEQVLKKK	156
NTDB id 458	SSUD9 RS00355 WP 002935296.1	RYSKLKFDFVLRTPTYGNEDLAEKRDAMMTEIYDDYYDELPEEEKIVVDTLCSLFDVLDTS	SQEYGKEIILDDYLHQS	154
NTDB id 465	SSU05 0053 ABP89025.1	RYSKLKFDFVLRTPTYGNEDLAEKRDAMMTEIYDDYYDELPEEEKIADAIQSRIDTLES	GATAGFGKEILEDYFEQIFRKR	159
NTDB id 455	SSU RS00330 WP 012774888.1	RYSKLKFDFVLRTPTYGNEDLAEKRDAMMTEIYDDYYDELPEEEKIADAIQSRIDTLES	GATAGFGKEILEDYFEQIFRKR	154
NTDB id 555	STRINF RS01865 WP 174221231.1	RYKELKYLRLTPTYGDQVRLDRKNDYFDEIAEVYFVDVTPPEERLIIDCLQSKFDVHFS	EDNVNFGEGILNDYFGQVNRKK	143
NTDB id 45	SMU RS00375 WP 002263400.1	RYKELKYLRLTPTYGDQQLAEKETYFDEIFSQFYDDLPPEEQLIIDGLQSKLDIHFS	DNIDFGVGILNDYFDQILRKT	154
NTDB id 337723	EQH31 RS11235 WP 025169467.1			63
NTDB id 443	SPYM3 RS00325 WP 011054099.1	RYKELKYLILRTPTYMDDGKLQVREEQFDEIFEDYYDKLPPEEEKIIVDIIQAKFEVYQ	TGDI NFGYSILKEFLPQIKRKS	154
NTDB id 451	SPYM18 RS00325 WP 002986681.1	RYKELKYLILRTPTYMDDGKLQVREEQFDEIFEDYYDKLPPEEKIIVDCLQATLTLT	LSSENTNFGIIDLQEYFNQIKTKV	154
consensus		* * * * *	* * * * *	

NTDB id 48	STER RS01535 WP 011680720.1	KFSTNDLLVIDYFFHLYGR...KQYDKKLFERITKRVLNQEIWT..DDVYNIVLFNDLMAIAALKIFHNSFSDFLTVV	230
NTDB id 321	STU RS10980 WP 011225448.1	KFSTNDLLVIDYFFHLYGR...KQYDKKLFERITKRVLNQEIWT..DDVYNIVLFNDLMAIAALKIFHNSFSDFLTVV	230
NTDB id 51	STRSA0001 RS01280 WP 002883753.1	KFSTNDLLVIDYFFHLYGR...KQYDKKLFERIVKRVLNQEIWT..DDVYNIVLFNDLMAIAALKIFHNSFSDFLTVV	230
NTDB id 469	HSISS4 RS01285 WP 021143546.1	KFSTNDLLVIDYFFHLYGR...KQYDKKLFERIVKRVLNQEIWT..DDVYNIVLFNDLMAIAALKIFHNSFSDFLTVV	230
NTDB id 579	DLJ51 RS00265 WP 109982338.1	RFDNFNDLYLYGYFLQCCRKD...SDYDYKTFFKKIEQKLLQKELLA..DDLNYNIELLVTVMDAATVYAFHDDYGNIMPLL	230
NTDB id 580	DLJ51 RS00275 WP 109982339.1	TFTFNDYLYLSYFLQKCRNE...ASYDRKIFKQIEQKLLQKELSS..DEFYNIEFLAAVMDAAA VYAFHDDYKDIMPLL	230
NTDB id 458	SSUD9 RS00355 WP 002935296.1	KLSINDLMILRLFIEHCQLEDLSVGTSNYALFTDLIEKLPQSIYDVHSESLEFI..VRDLFLAIVRILFSKELYNHIPVYI	232
NTDB id 465	SSU05 0053 ABP89025.1	KYELNDLLIVRLHLEYVRLSS..CDSEIFRQFLKITEHLHEQINIINSNDFLV..LRDTLLSCVNLGSKKYYEPIPKIF	235
NTDB id 455	SSU RS00330 WP 012774888.1	KYELNDLLIVRLHLEYVRLSS..CDSEIFRQFLKITEHLHEQINIINSNDFLV..LRDTLLSCVNLGSKKYYEPIPKIF	230
NTDB id 555	STRINF RS01865 WP 174221231.1	VFTINDLLILIDLIFACLSAKKFEGYSLDFYDDLMLKRVLNQKHVPET.DLI..LNNVLNNNIDLAFQFKREYTERVI	220
NTDB id 45	SMU RS00375 WP 002263400.1	NYQVNDLILIDLIFSCSLTVSGLDSAIFDSRKYNQLLETLLKQVDCPLLEDLFV..LNNVLNNFGLLELKKYDFVKKLI	232
NTDB id 337723	EQH31 RS11235 WP 025169467.1		63
NTDB id 443	SPYM3 RS00325 WP 011054099.1	IYNLNELLLIDLILYLIILVVSHFSDDIQDVQFYEEITESMLKQHNNLSLEDLFL..LNNILLSCADTYIRLKMFGHLEKETL	232
NTDB id 451	SPYM18 RS00325 WP 002986681.1	FFRQNDLILLELILAYLALDIEGMDGQYSDFKIFYDSLNDLSEQFEQFELDELFI..VNKIIDISSLSLKNRRLDNLKAI	232
consensus		*** **** * ** * ** * ** * ** * ** * ** * ** *	

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NTDB id 48 STER RS01535 WP 011680720.1
NTDB id 321 STU RS10980 WP 011225448.1
NTDB id 51 STRSA0001 RS01280 WP 002883753.1
NTDB id 469 HSIS54 RS01285 WP 021143546.1
NTDB id 579 DLJ51 RS00265 WP 109982338.1
NTDB id 580 DLJ51 RS00275 WP 109982339.1
NTDB id 458 SSUD9 RS00355 WP 002935296.1
NTDB id 465 SSU05 0053 ABP89025.1
NTDB id 455 SSU RS00330 WP 012774888.1
NTDB id 555 STRINF RS01865 WP 174221231.1
NTDB id 45 SMU RS00375 WP 002263400.1
NTDB id 337723 EQH31 RS11235 WP 025169467.1
NTDB id 443 SPYM3 RS00325 WP 011054099.1
NTDB id 451 SPYM18 RS00325 WP 002986681.1
consensus

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