

NTDB id 458 SSUD9 RS00355 WP 002935296.1		MNDKEFGQVRVRLRESASMTREQFCDDLELSVRQLTRIEAGASKPTFSKIQYIATRLGMGLYEL	.MPDYVSLPE	74
NTDB id 292248 DF184 RS00325 WP 012774888.1		MNDKEFGQVRVRLRESASMTREQFCDDLELSVRQLTRIEAGASKPTFSKIQYIATRLGMGLYEL	.MPDYVSLPE	74
NTDB id 455 SSU RS00330 WP 012774888.1		MNDKEFGQVRVRLRESASMTREQFCDDLELSVRQLTRIEAGASKPTFSKIQYIATRLGMGLYEL	.MPDYVSLPE	74
NTDB id 465 SSU05 0053 ABP89025.1	MEVWF	MNDKEFGQVRVRLRESASMTREQFCDDLELSVRQLTRIEAGASKPTFSKIQYIATRLGMGLYEL	.MPDYVSLPE	79
NTDB id 45 SMU RS00375 WP 002263400.1		MLKDFGKKIKSLRLEKGLTKAEAVCLDESQLSTRQLTRIESGGSTPTLNKAVYIAGRLGVTLGYLTDGENVELPS	74	
NTDB id 443 SPYM3 RS00325 WP 011054099.1		MLEHFGGKVKVLRLEKRIISREDLGGDELSVRQLARIELGQSIPSLSKVIFIAKALNVSVGYLTDGADLELPK	74	
consensus		*****	*****	

[illegible]

NTDB id	458 SSUD9 RS00355 WP 002935296.1	KLSLN DLMILRLFI EHCQL EDLSVGTSNYALFTD LIEKLPQSTYDVHSESLFIVRDLFLAIVRTLFSKELYNHIPVYIEK	234
NTDB id	292248 DF184 RS00325 WP 012774888.1	KYE LNDLLIVRLHLLEYVR LSS.. CDSEIFRQFLKII EHLHEQININSNDFLVLRDTLLSCVNILGSKKYEPIPKIFDS	232
NTDB id	455 SSU RS00330 WP 012774888.1	KYE LNDLLIVRLHLLEYVR LSS.. CDSEIFRQFLKII EHLHEQININSNDFLVLRDTLLSCVNILGSKKYEPIPKIFDS	232
NTDB id	465 SSUO5 0053 ABP89025.1	KYLNDLLIVRLHLLEYVR LSS..CDSEIFRQFLKII EHLHEQININSNDFLVLRDTLLSCVNILGSKKYEPIPKIFDS	237
NTDB id	45 SMU RS00375 WP 002263400.1	N YQVNDLLILDLYF SCLTVSGLD SAIFDSRKYNQLLETTL LKQVDCLPLEDIFVINNVLLNNFGLLELEKKYDFVKQLIAV	234
NTDB id	443 SPYM3 RS00325 WP 011054099.1	IYNLNEILLIDLYIILVVSHFSFDIFDVQFYEEITESTMLKQHNNLSLED FLNLN ILLSCADTYIRLKMF GH LKETLQL	234
consensus		* * * ! ! ! * * * ! * * * * * * * * * * ! ! ! * * * * * ! * * * * *	

NTDB id 458 SSUD9 RS00355 WP 002935296.1 IENIMELSQDFQKKPIINLVKWKYELKVQHNEIAERYNEAITFASLINQFHLEKLQMWEKDITQLSKR 305

NTDB id 292248 DF184 RS00325 WP 012774888.1 VDKIIISTQDFQKKPIVSVLKWKYALFVDKDRDEAEKHYLDAVLFAKLIENRELEQKIIEEDWRVDNQ.... 299

NTDB id 455 SSU RS00330 WP 012774888.1 VDKIIISTQDFQKKPIVSVLKWKYALFVDKDRDEAEKHYLDAVLFAKLIENRELEQKIIEEDWRVDNQ.... 299

NTDB id 465 SSU05 0053 ABP89025.1 VDKIIISTQDFQKKPIVSVLKWKYALFVDKDRDEAEKHYLDAVLFAKLIENRELEQKIIEEDWRVDNQ.... 304

NTDB id 45 SMU RS00375 WP 002263400.1 SNKIMDRITHDFQKKPIVNLITWKKHHLFVEKDYAEAKKSYPDAAIFLFAQLTENINLRNLEKEWQKDSQNGT. 304

NTDB id 443 SPYM3 RS00325 WP 011054099.1 SHFIIMSIISQDFQKMPMYCMEYEWKLSIFYLKDINRARNYFEQSILFTQTMTGDTYLVQKLRGEWNKDIHYI.. 303

consensus ***** ******* **** * ***** ** ***** *

- X non conserved
- X similar
- X $\geq 50\%$ conserved