

NTDB id 458 SSUD9 RS00355 WP 002935296.1MNDKEFGQQRVRQLRESASMTREQFCDELELSVRQLTRIEAGASKPTFSKIQYIATRLGMGLYELM.PDYVSLPE 74
NTDB id 1059243 ACFKHK RS00405 WP 174846494.1MNDKEFGQQRVRYLREKLATREEFCDLELELSVRQLSRIEAGCKPPTFSKIGFIASRLNMGLEYELM.PDYVQLPE 74
NTDB id 455 SSU RS00330 WP 012774888.1MNDKEFGQQRVRQLRESASMTREQFCDELELSVRQLTRIEAGASKPTFSKIQYIATRLGMGLYELM.PDYVSLPE 74
NTDB id 465 SSUO5 0053 ABP89025.1 MEVWF.....MNDKEFGGQQRVRQLRESASMTREQFCDELELSVRQLTRIEAGASKPTFSKIQYIATRLGMGLYELM.PDYVSLPE 79
NTDB id 451 SPYM18 RS00325 WP 002986681.1MLEHFGGKVVLRLLEKRISRREDLCGDESLSVRQLARIELGQSIPSLSKVIFIAKALNVSVGYLTGDADLELPK 74
NTDB id 45 SMU RS00375 WP 002263400.1MLKDFGKKIKSLRLEKGTKEAVCLDESRLSTRQLTRIESGGSTPTLNKAIFYIAGRLGVTLGYLTGDGENVELPS 74
NTDB id 555 STRINF RS01865 WP 174221231.1MREEKEISREEFCGDETELSVRQLARIELNQSIPINLKSASFIANRLGVKLGTLTDGDSLEPK 63
consensus ***** ! * ! * ! * ! * ! * ! * ! * ! * ! * ! * ! * ! * ! * ! *

[illegible]

NTDB id	458 SSUD9 RS00355 WP 002935296.1	KLSLNNDLMIIRLFIEHCQLEDLSVGTSNYALFTDLEKLPQSITYDVHSES	LFIIVRDLFLAIVRIILFSKELYNHTIPVYTEK	234
NTDB id	1059243 ACFKHK RS00405 WP 174846494.1	KYSNNDLIIIRLYLEHYLRDRDT..DATIYHFSSLVTHLPNQEVMS	NDFILFRDVLISIGILDREDYEKIPSLFDA	232
NTDB id	455 SSU RS00330 WP 012774888.1	KVELNDLIIVRLHLEYVRSSC..DSEIFRQLKIIEHHEQINIIINS	NDFLVRDITLLSCVNILGSKYYEPIPKIFDS	232
NTDB id	465 SSUO5 0053 ABP89025.1	KYELNDLIIIRLHLEYVRLSSC..DSEIFRQLKIIEHHEQINIIINS	NDFLVRDITLLSCVNILGSKYYEPIPKIFDS	237
NTDB id	451 SPYM18 RS00325 WP 002986681.1	RFRQNLDLILLELYLAYLDIEGM DGQYS DKIFYDSL DNLSEQFEQFELD	ELFIVNKIHIDISSSLKNNRRLDNLEKATEM	234
NTDB id	45 SMU RS00375 WP 002263400.1	NYQVNDLILIDLIFYFSCITVSGLDSAIFDSRKYNQLLETLLKQVDC	PLEDLFVLLNNVLLNNFNGLLELKKYDFVKQLIAV	234
NTDB id	555 STRINF RS01865 WP 174221231.1	VETINDLILIDLIFYFACLSAKKFEGEIYSLDFYDDLKRVLNVQKHVSP	EDLILNNVLLNNIDLAFAQFKREYYTERTVITI	222
consensus		* * * ! ! ! * * * * * * * *	* * * * * ! * * * * * * * *	

NTDB id 458 SSUD9 RS00355 WP 002935296.1	TENIMELSQDFQKKPILNLVKWKYELKVQHNEHIAERYNEAITFASLNGFHKEKLQMEWEKDTQSLKR	305
NTDB id 1059243 ACFKHK RS00405 WP 174846494.1	LDKIMVLTDQDFQKKPILNLLKWKYELHVKNRDAACSFEATLFAKLIGNDYLVHKIKEDWEEDSRL...	300
NTDB id 455 SSU RS00330 WP 012774888.1	VDKIIQSQTDFQKKPIVSLLKWKYALFVDKDRDEAEKHLYDLAVLFAKLIENTRELEQKIIEEDWRVDNQ....	299
NTDB id 465 SSUO5 0053 ABP89025.1	VDKIIQSQTDFQKKPIVSLLKWKYALFVDKDRDEAEKHLYDLAVLFAKLIENTRELEQKIIEEDWRVDNQ....	304
NTDB id 451 SPYM18 RS00325 WP 002986681.1	SQKIMAKIQDWNRMPIKLIEWKYFLIKQKDIIKAEQSFMKACLFAMQMTADQYLENKLIQEWEKDVKSYY..	303
NTDB id 45 SMU RS00375 WP 002263400.1	SNKIMDRTHDFQKKPIVNLLTWKHHLFVEKDYAAEKSYDAAITLFAQLTENINRENLEKEWQKDSINGT.	304
NTDB id 555 STRINF RS01865 WP 174221231.1	SEKIMTEIHDQRRLPSLVWKYVLYLKHDFFALAEQSFETNATLFAQLGDTYLENKLKEEWQLDIDAVE.	292
consensus	* * * * *	

- ☐ non conserved
- ☒ similar
- ☒ $\geq 50\%$ conserved