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| NTDB id 320 STU RS10340 WP 002949220.1 |MEQEVFVKAYEKVVRPIVLKAFRQY | 24 |
| NTDB id 47 STER RS00925 WP 002949220.1 |MEQEVFVKAYEKVVRPIVLKAFRQY | 24 |
| NTDB id 468 HSISS4 RS00725 WP 021143466.1 |MEQEVFVHAYEVVRPIVLKASRQY | 24 |
| NTDB id 50 STRSA0001 RS07545 WP 002885610.1 |MEQEVFVHAYEVVRPIVLKASRQY | 24 |
| NTDB id 44 SMU RS09085 WP 002263585.1 |MEEDFEIVFNKVKPIVWKLRSYY | 23 |
| NTDB id 1129471 STREPSUIS RS00575 WP 011921639.1 |MEFEKVVYASVKGIVNKRKEF | 21 |
| NTDB id 461 GPW51 RS00080 WP 011921639.1 |MEFEKVVYASVKGIVNKRKEF | 21 |
| NTDB id 454 SSU RS00080 WP 011921639.1 |MEFEKVVYASVKGIVNKRKEF | 21 |
| NTDB id 457 SSUD9 RS00080 WP 002936602.1 |MEFEKVVYASVKGIVNKRKEF | 21 |
| NTDB id 424 SGO RS10430 WP 012130755.1 |MKFEDVYKQVEGIVKRCYKDY | 21 |
| NTDB id 423 SGO RS08370 WP 012130755.1 |MKFEDVYKQVEGIVKRCYKDY | 21 |
| NTDB id 141 SP RS10155 WP 000588925.1 |MIKELYEEVQGTVYKCRNEY | 20 |
| NTDB id 140 SP RS00070 WP 000588925.1 |MIKELYEEVQGTVYKCRNEY | 20 |
| NTDB id 252 KZH43 RS09050 WP 000588897.1 |MIKELYEEVQGTVYKCRNEY | 20 |
| NTDB id 251 KZH43 RS09050 WP 000588897.1 |MIKELYEEVQGTVYKCRNEY | 20 |
| NTDB id 211 SPD RS09675 WP 000588897.1 |MIKELYEEVQGTVYKCRNEY | 20 |
| NTDB id 210 SPD RS00065 WP 000588897.1 |MIKELYEEVQGTVYKCRNEY | 20 |
| NTDB id 177 SPR RS09210 WP 000588897.1 |MIKELYEEVQGTVYKCRNEY | 20 |
| NTDB id 176 SPR RS00065 WP 000588897.1 |MIKELYEEVQGTVYKCRNEY | 20 |
| NTDB id 489 SM12261 RS01070 WP 000471940.1 |MFKELYEEVQGIYKCRNEY | 20 |
| NTDB id 488 SM12261 RS00065 WP 000471939.1 |MFKELYEEVQGIYKCRNEY | 20 |
| NTDB id 516 SMSK321 RS09125 WP 000471944.1 |MFKELYKEVQGIYKSRNEY | 20 |
| NTDB id 517 SMSK321 RS10700 WP 000471945.1 |MFKELYKEVQGIYKSRNEY | 20 |
| NTDB id 582 DLJ51 RS00505 WP 002962720.1 | MDKEKLKEIFNKHSA LPEEVEEFDDGMVKEVITAGLLFCLKEVL...D.....MDDSSFVSAF SRVEKTVSKLAKDY | 69 |
| NTDB id 554 STRINF RS00370 WP 115283725.1 |MDFERYFQTVKPIILKLRHY | 21 |
| NTDB id 450 SPYM18 RS08475 WP 011018214.1 |MSCCFFVVLFILGIVKKKRRLLKMSIETRAAFEKVKPIILKLRHY | 45 |
| NTDB id 449 SPYM18 RS01395 WP 011018214.1 |MSCCFFVVLFILGIVKKKRRLLKMSIETRAAFEKVKPIILKLRHY | 45 |
| NTDB id 442 SPYM3 RS08515 WP 011106595.1 |MSCCFFVVLFILGIVKKKRRLLKMSIETRAVFEKVKPIILKLRHY | 45 |
| NTDB id 441 SPYM3 RS01385 WP 011106595.1 |MSCCFFVVLFILGIVKKKRRLLKMSIETRAVFEKVKPIILKLRHY | 45 |
| NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1 |MSCCFFVVLFILGIVKKKRRLLKMSIETRAAFEKVKPIILKLRHY | 45 |
| NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1 |MSCCFFVVLFILGIVKKKRRLLKMSIETRAAFEKVKPIILKLRHY | 45 |
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| NTDB id 320 STU RS10340 WP 002949220.1 | LD.MVDRLAYDEQLNAFREQLSSEDSLKLDRLLGGECFRGRKKMIRELRFWMVDFDPCNEED | 165 |
| NTDB id 47 STER RS00925 WP 002949220.1 | LD.MVDRLAYDEQLNAFREQLSSEDSLKLDRLLGGECFRGRKKMIRELRFWMVDFDPCNEED | 165 |
| NTDB id 468 HSISS4 RS00725 WP 021143466.1 | LD.AVDRLVYDEQLNAFRNQLSSEDATEKLDRLLAGECFRGRKKMIRELRFWMVDFDPYNEDD | 165 |
| NTDB id 50 STRSA0001 RS07545 WP 002885610.1 | LD.AVDRLVYDEQLNAFRNQLSSEDATEKLDRLLAGECFRGRKKMIRELRFWMVDFDPYNEDD | 165 |
| NTDB id 44 SMU RS09085 WP 002263585.1 | MQ.LDEYILFRDSSLAYKQGLSTEKQELFERLVAGEHFLGRQSMKDLRKKLSDFKKEK... | 160 |
| NTDB id 1129471 STREPSUIS RS00575 WP 011921639.1 | LI.NDELLMLRGAALRDYRNKLSNDQLDKYEKLISGQCFCNRRREMIRDLQIHLKDFR..... | 156 |
| NTDB id 461 GPW51 RS00080 WP 011921639.1 | LI.NDELLMLRGAALRDYRNKLSNDQLDKYEKLISGQCFCNRRREMIRDLQIHLKDFR..... | 156 |
| NTDB id 454 SSU RS00080 WP 011921639.1 | LI.NDELLMLRGAALRDYRNKLSNDQLDKYEKLISGQCFCNRRREMIRDLQIHLKDFR..... | 156 |
| NTDB id 457 SSUD9 RS00080 WP 002936602.1 | LI.NDELLMLRGAALRDYRNKLSNDQLDKYEKLISGQCFCNRRREMIRDLQIHLKDFR..... | 156 |
| NTDB id 424 SGO RS10430 WP 012130755.1 | LY.LDELVAFRSAMSEYRSRLSPEEAKQYERLMADERFKGRKAMKDL SYHLRDFNPRLD.. | 160 |
| NTDB id 423 SGO RS08370 WP 012130755.1 | LY.LDELVAFRSAMSEYRSRLSPEEAKQYERLMADERFKGRKAMKDL SYHLRDFNPRLD.. | 160 |
| NTDB id 141 SP RS10155 WP 000588925.1 | LW.LDDYYLFFHETLRDYRNKQSKKEKQEELERVLSNERFRGRQRVLRDLRIVFKEFTIRTH.. | 159 |
| NTDB id 140 SP RS00070 WP 000588925.1 | LW.LDDYYLFFHETLRDYRNKQSKKEKQEELERVLSNERFRGRQRVLRDLRIVFKEFTIRTH.. | 159 |
| NTDB id 252 KZH43 RS09050 WP 000588897.1 | LW.LDDYYLFFHETLRDYRNKQSKKEKQEELERVLSNERFRGRQRVLRDLRIVFKEFTIRTH.. | 159 |
| NTDB id 251 KZH43 RS09050 WP 000588897.1 | LW.LDDYYLFFHETLRDYRNKQSKKEKQEELERVLSNERFRGRQRVLRDLRIVFKEFTIRTH.. | 159 |
| NTDB id 211 SPD RS09675 WP 000588897.1 | LW.LDDYYLFFHETLRDYRNKQSKKEKQEELERVLSNERFRGRQRVLRDLRIVFKEFTIRTH.. | 159 |
| NTDB id 210 SPD RS00065 WP 000588897.1 | LW.LDDYYLFFHETLRDYRNKQSKKEKQEELERVLSNERFRGRQRVLRDLRIVFKEFTIRTH.. | 159 |
| NTDB id 177 SPR RS09210 WP 000588897.1 | LW.LDDYYLFFHETLRDYRNKQSKKEKQEELERVLSNERFRGRQRVLRDLRIVFKEFTIRTH.. | 159 |
| NTDB id 176 SPR RS00065 WP 000588897.1 | LW.LDDYYLFFHETLRDYRNKQSKKEKQEELERVLSNERFRGRQRVLRDLRIVFKEFTIRTH.. | 159 |
| NTDB id 489 SM12261 RS01070 WP 000471940.1 | MW.LDEYYLFFHETLRDYRNKQSKDKQEELERVLRHERFRGRQRVLRDLRIVFKEFDIRTH.. | 159 |
| NTDB id 488 SM12261 RS00065 WP 000471939.1 | MW.LDEYYLFFHETLRDYRNKQSKDKQEELERVLRHERFRGRQRVLRDLRIVFKEFDIRTH.. | 159 |
| NTDB id 516 SMSK321 RS09125 WP 000471944.1 | LW.LDEYYLFFHETLRDYRSKQSKDKQEELERVLRHERFRGRQRVLRDLRIVFKEFDIRTR.. | 159 |
| NTDB id 517 SMSK321 RS10700 WP 000471945.1 | LW.LDDYYLFFHETLRDYRSKQSKDKQEELERVLRHERFRGRQRVLRDLRIVFKEFDIRTQ.. | 159 |
| NTDB id 582 DLJ51 RS00505 WP 002962720.1 | MD.TADYCALKEKLEKELKQKLAPEDYAKILLLMRGGAFKGRSAFIKDIKVEFEDFDEDN... | 207 |
| NTDB id 554 STRINF RS00370 WP 115283725.1 | FFEVEDYVAYQDSLACLRRRTLGREDRLLKLEKVI RGERFEGKKAFLKSI ELYFSDFRP.... | 158 |
| NTDB id 450 SPYM18 RS08475 WP 011018214.1 | LW.LDDYVAYQEVIASLENQLNSQERMQFKALIRGERFKGRRALLRKTISPYFKEFAAQL... | 183 |
| NTDB id 449 SPYM18 RS01395 WP 011018214.1 | LW.LDDYVAYQEVIASLENQLNSQERMQFKALIRGERFKGRRALLRKTISPYFKEFAAQL... | 183 |
| NTDB id 442 SPYM3 RS08515 WP 011106595.1 | LW.LDDYVAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKTISPYFKEFAAQL... | 183 |
| NTDB id 441 SPYM3 RS01385 WP 011106595.1 | LW.LDDYVAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKTISPYFKEFAAQL... | 183 |
| NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1 | LW.LDDYVAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKTISPYFKEFAAQL... | 183 |
| NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1 | LW.LDDYVAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKTISPYFKEFAAQL... | 183 |
| consensus | ** ***** * ***** ** * * ***** ***! ! ** ***** **! | |

non conserved
 similar
 ≥ 50% conserved