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| UniRef90-W7ULT8 |  |
| S6AJJ3 | YEVNGVELETDEEGYL LEPN Y SD |
| UniRef90-I3YC96 | TMQI AGRDLAFNKQRLLANFDDWSMS |
| UniRef90 ${ }^{-1436588}$ | PQKTLGTKTVEVDDQGFLKNTADWTEELARLFAADDG |
| UniRef90 ${ }^{\text {- }}$ - 8 GGU UniRef9 G2DA | EAVVDGKTIQLSEAGWLENDDEWSEALAVEIA A K N ENUP |
| iRef90-W0TJ89 |  |
| UniRef90-A1AP81 | dGNSTELNSQGFLLRQEEW |
| UniRef90-A7BV21 | YEVNGQTI ESNEKGYLTNVEDWNEDVAKM |
| $\begin{aligned} & \text { UniRef90_L8MJ5 } \\ & \text { UniRe90_UPIOOO3A9C6E9 } \end{aligned}$ |  |
| UniRef90 | QLQDDQDGHLLDYTDWNEE |
| UniRet90 E81 | VFLTDS |
| UP300037 |  |
| UniRef90-A3TMP6 | PVTTIADRPIHVDDEGFLTSYDEWDEQLA |
| UniRef90-I2AZG4 | PNFTLFVDNYNIDKQGFLTDFDSWD |
| S6AC |  |
|  | E |
| UniRef90-B5JLP1 UniRef90 F5SMR8 | VAGKVLEFDDENFMVNYKDWDASVATALLA |
| UniRet90-D4G804 | EGFIKYPENWNQKVAFELAK |
| UniRef90-X3YJR4 | KEXXXXXXXXXKETTQWSETLAVA |
| UniRet90-A4X5C6 | GRD HVDDEGF TAYDEWDADLAKQ |
| UniRef90-W6K844 UniRef90 E6QS | NGQDVEKTANGYLVDTADWSEDMAREIAE |
| UniF | GGRSIDVDAEGFMTNPCQWTRAVGTDLAR |
| UniR | NKILANDDTQGYLIHLLEDWNE |
| UniRet90 WoSE85 | SYTINGVEKEVDDYGYLGEP |
| UniRef90-A0A023WSS2 | SLVVDGRETALLDKDGFLVDL |
|  |  |
| UniRet90-UPIO0035 | TTIGSSQIHVDSEGFLTEYGEWTESLGETLAA A |
| UniRef90_V4JQZ4 UniRef90 O7VR11 | REVHFNQKGHLASFTDWDDDLARALAA |
| UniRee90-QTVR1 | N |
| UniRef90-W6K083 |  |
| UniRet90-V2TV | LELDQDGHLINYTDWNETIAQ |
| 003 | GR HLNKKGYLARFDDW |
| UniRef90 UPIO00476DB36 UniRef90-W0E457 |  |
| UniRe | ELDQDGHLVDYTVWDEV |
| UniRef90-A1AWR4 | D |
| UniRef90-G2FGY7 | GYL LD ANDWSPLIAETLA A M R R |
| Ref90 UPIO003 | KNGOTVKRDNEGYLANPDDWSETLMEQLATE GID |
|  | FLRDLAD |
|  | D |
| UP100037 | , |
| UniRef90 Q3SG15 | YVVNGEELETGEEDFLLEANDFSDDVPPVVAANEK K K K |
| UniRef90-B8FX30 | AGYTVDVTQEGYLVNQSQWNKD\\|ASEİAKELDE |
| niRef90-E1D |  |
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| UniRef90_C1DK UniRef90 W2U |  |
| UniRef90-UPIO0035CC6EB |  |
| UniRef90-L2F7J1 |  |
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| UP100035DB40B | a |
| UP10002884E03 |  |
| UniRet90-E8Q684 | EGYYLTDFADWNSTVG |
| Q178D0 | QGYLKNV |
| UniRef90-Q11U10 | D GVN |
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| UniRef90 Q3 | CDNEGYLLDPAQWVGAHAPLLAA AEE |
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| UniRef90-x1BIK6 | LDLDNDGFLLEMSEWSREKAEELARDNNLGP |
| UniRef90 UPIIO0035F2BD5 | NRE: DVNEEGYLVDFKQW |
| UniRee90 UPIO00375B3C5 |  |
| UniRef90-D5CRZ6 | DARPEGNMYNLEHWSPMTVKHMAQEE |
| UniRef90-D5VCK3 | NHTDWT |
| UniRef90-UP1000376C256 | d Lep witeqa |
| UniRef90 K1 | FAGHMVDVVEEGYFTNSQQWTKE円AAAIVAKE |
| D8F3L1 | DWTEETARTLAAEDGLND |
| UniRef90-C8PZX1 | WT P |
| UniRet90-H2BTG3 | AGNKVNLTEDGYLVDFSQWTKE |
| UniRef90-G2D | EIPTDGDGYLTDMNLW |
| UniRef90 H8Y $W 77$ | DVSFNKKGF |
| UniRei90-UPIO004770F4E | LVDPSDWSEHFARA |
| UniRef90-K2DY18 | ØEHNKRFYQVDEDGFLVGSGNWDENWADYV |
| UniRef90-D6PCO9 |  |
| UPI000478851D | TKVNDEGY Tidas wnkelgae |
| UniRef90-E6QUD8 | DRDGDGYLVNMDDWTPEVARAMA EV |
| UniRef90_TOZ464 | E WNEEMAKVLIA A N |

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ELSEGHWKVVKFMRERYDKNGDSPSDRTLGKE EGVTLTQEHWDII HTARAYFQDTGVVAEPRAFSKLMKEKF EGIELTDGHWEVIYFLRNHCKEHGTSCTARYVIKAFAGVW LSEAHWRVI HCLRDYYQRFKVAPMYRKLARESGVTL ELTPRHFDVI KYLRDEYDDNGNQPNMRNI VKAMQKVW E QLELLP E H WE L L E L L R D F Y T E F Q L S P A N R P L V K Y VA Q K L CLLELTEWHFQLLQAVRQFYQQFGHSPATRPLIKFGMKTV G L T T L T EGUSLTDKHWEII GFVRDEFQKNGKMPS LRAI TKN
 ENITLSKEHWDVI NFLRDHYQRCGPCPNGRAVLSLLEDNF

DLTEEHWDIITEARDYFHDNGSVCEPRAFTKLVKNKY







 QALVL LT D E H H K V M M S S L Q


 DLTPGHWKVI EFLLQKDFAETGKDPTVRRVNK
EDDELTDAHLEVVHFVRDFYEEFNTSPAVRMLVKAMEKRT
 D

 D I EL D DAAWEVVRFVRR

 DGYELDEDKLKFI QEARRMYDENGTVPALRKFSKSMGM EGLTTLDEHWEVI AVVRAFYHRYEMAPAMRPLVKATKNTLD DGFEMTDDRWEQVLKAREYYEQHNVVPPDRKFSKYD

VTTEEHWKVI EF VVGGYYKKYNQGPPVVRVGKALGGR
E EGISSMTERHWDVI EYLQD

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EEPLSDRGIKKS
ENGRSANSRVVMR ILLEA QDF GLELTAERREVIAFIR
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DDFDLS RERWE QMLKAREYYEFHSVKADNALSVRGKK
DDFDLS GERWEQMLKAREYYEEHSTVPPIRKFSKYLG
EVTPKHFEVLTY LQEQYKKD DALTDRGVGKS
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