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 TPCGGDCPN DCEDKKLCTNPCCLYY DEYSNCTTTQKRRVLGCRHV TPASCPNDCDNGLCTNSCQYVDEYSNCKELVSMVGCNHQ
 T PCASCPGHCDN GLLCTNACEY D DMYSN CK D L L K K N QLDS C GN D PCGDCPSACDNGLCTNPCTHEDKFTNCKDLVKQGCNNN TPCASCPGNCENGLCTNSCEYEDALSNCEDLGDKAGCKHE

 PCASNPN $P C A S C P$
$P C A S$ PCASCPNNCCEN GLLLCTNSCGHEDKYT
 PCGDCP QACDNGLCTNPCKYKDEYENNKLKNMVSCCHD PCAKCPNHCDNGLCTNSCDKEDVYSNCPELKKQVGCNHP $P C G D C P S A C D N G L L T N P C K H N D D L S N C K T L V K K H K C Q T E$ PCGDCP
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CGDCPSACVNGLCTN
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PCASCP
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PCASCPKH
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PCADCA
SPCEDCP
SPA
SPCASCPNNCEDRLCTN
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PCGDCPKA
$S \stackrel{P}{P}$
$P C E D C P$
P

PCGDCPDYCDNGLCTNPCMYVDKYS
CGSCP ACD
CGDCPSSCANGL CGDCPSSANGLCTNPCTHEDTYS $\stackrel{P}{P}$
P

A P
CSSC
T $P$
CAKCP
S P

| PCASCP |
| :--- |
| CA D |

PCADCPGHCDNGLCTNPCKYVDRYSNCAEMVKKMGCAAK
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| UniRef90-UPI0003AF69E4 | TVAS WCPASCKC |
| UniRef90_L5JLE9 | LTKNSCK |
| UniRef90-K7FQF1 | FVKENCDASCRCN |
| UniRef90-UPI000398 | LVREKCPATCRC |
| UniRef90-K7FNH0 | LVKKKCPASCL |
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| UniRef90-UPIO004545119 | MVK K H CKA T C |
| UniRef90_UPI00038ECCBF | MVKNHCKASCN |
| UniRef90_U3BZ13 | LVRDGC |
| UniRef90-UPI0002C67271 | SVRLLCKASC |
| UniRef90-UPI0003345699 | ATKGSCKATCLCQ |
| UniRef90_UPI00042C224C |  |
| UniRef90-H3CEX9 | DVSS WC |
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| UniRef90-UPI0002C67D70 | LTKNSCKAACQCPD |
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| UniRef90-UPI0003F10681 | LVRQNCKASCNCED |
| UniRef90-K4ION3 | MMKD CQSSC |
| UniRef90-UPI000332EF68 | MVK E S C |
| UniRef90-Q3SB05 | WI K S K C |
| UniRef90-UPI000351 |  |
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| UniRef90-UPI00022 | MVERYCKASC |
| UniRef90-UPI0003 |  |
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| niRef90-UPI000332EAAD | SVKLLCKASCLCTN |
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| UniRef90-13MZ67 | S |
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| UniRef90-I3LVL5 | LLKTNCPATC |
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| UniRef90-G1KVU3 | L |
| UniRef90-F2Q6F5 | NMKSNCPASC |
| niRef90-UPI00045 | LMKENCQAT C |
| UniRef90-K4P991 | QVK S D CEASCKCTTEI |
| UniRef90-Q2XXP4 | WTRKNCPATCFCHN |
| UniRef90-UPI0004420F06 | WlRK S CPASCFC |
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| UniRef90-UPI000443 | SIKEKCQASC |
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| UniRef90-HOZSR0 | LVKKKCPASC |
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$P C G D C P N D C E D G L C T N A C P Y V D K Y R N C A P L K E E V G S N E ~$
 PCGDCPGHCDNGLCTNPCMHADT\|SNCAALVKQHGCGDK PCASCPYDCDNGLCTNGCKYEDKYQNCNDLKKRLSCTHS CASCPNNCEDKLCTNPCPVVNDFLNCGALKALFGCNNR $P \mathrm{C}$ CEDCPKNCEAKLCTNPCPYYDENTDCDELKGSGGCDHP CGDCPDACENGLCTNPCRFHDTGSDCSTLKDLIGGCTD
PCGDCPKNCNNRLCTNPCPFADNASNCLEALKALGCKHE TPCGACPEDCEDKLCTNPCPYYDEQTNCKAKKRHQECSQL APCADCWKNCHHGLCTNACKRSDKFSNCVADKEKDTCNFP ASCDKCPHSCTNNLCNNPCLYTNKFGNCEEMKNKVSCRNK PCGDCPSACDNGLCTNPCPKK\|S TQLPRFGPQAGCQDK TTCADCPSACDNGLCTNPCTSENVFTNCNDMVKESGCQDE
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T
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S P
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 $\begin{array}{rl}C & Q D C P N D \\ P C & D \\ C & D \\ C & D \\ C\end{array}$
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PCADCPDSCENNLCVHSCDYVDHDKGCDKLLQMSKCDED NPCLYY YEYNNCDKQVKRTGCTHP


TN S C E Y E DLLLS
APCSSCSHHCRKGLCTNSCETADLWINCREVHRTWGSKGG C S K C P N D C D N QL C T N Y C P Y Q D S I DE N C K D V K D A S L L C G N P C A D C P S A C V N GLL C CGRCKGSCKRKLC
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 PCSSCKKQCSKKLLCLNSCDVSNVWGNCRELHPTWLCRNH PCGDCPSACVVKGLCTNPCTVVNKFTNCNTVV CS DCPDHCSSESLCTTNFCPVRDYYSNCDELVKNDDCK PCASCPGNCDNGICTNSCEYEDLLSNCDSLLK
T T C G L C Q K D C D D QL C L N Y C P Y Y N S A G N C G T DK N A S L C D Y S
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AVRENCKASCQCSSD
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FLNYMCPASCFCVNK
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| :--- | :--- |
| LL |
| QNMCPASCQCENKI Y | MVRTYCKASCLCCTE TI LV

VTKSNCGATCNCT
ELQDDCPAHCRCTNE!
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TAKNDCPATCNCLKED
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## VKRNCKATCNC



TRRQFCRATCRCDGKII TRQRNCAATCTCQGKI QNEGHCKATCYCEGA
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D $\square$ GCDATCKCGSEK $\square$ RGVCNATCGCGDQ
TRRKFCGATCNCKDK $\square \mathrm{Y}$

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solo```

