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AVP $\square$ A QKSEPHSLSSEALMRRAVSLVTDSTSTDLSQTTYA AVPFKQ VEPLSHDSLIKRAASLATDSSSTFLSQTTLA AVVPVQKHEPTSLSHEALI RKAVLLVTDGTCTLLFQKTYV AVPVAQKSEPPVLSNDALLRRAVSLVTDSTSTFLSQTTYA AVPFKQ VEQLSHDSLI RRAASLVTDSSTTFLSQATDA K QQQS S G SLASNDALI R R A V
 AVPFKQ VENLSHDSLVRRAASLVTDSSSTFLSQATLA
 AVPDAQKPEPH A V P F TQQQVE NL AVP F T Q QVE SRSVASLFRY A MPF T Q M L A VPRSQRE AVPISQKTESVNLSHESLI RRASCLVTDSANTYLSQTTLAA AVPVAQK Q $\operatorname{Cl}$ AI PVGQRSEPTGS A V P VAQK

 E A | A |
| :--- |
| S |
| L | $\begin{array}{r}\mathrm{Y} R \\ \mathrm{M} \\ \hline\end{array}$ AVplVVEKQNSVSLSNDALIKRA AVPFSQKQD NLSHEALVRRASSLVTDSTSTLLSQTTYAA

$\qquad$
$A V P \| A Q K \square E$ SRSVSSF LRYRQHVPTVA A $\square$ PFKQ SRSVASVFRYRQRVPVVANVKKRCFSQTTYA


$\square K Q A C L L S V N S A S T L L T T T A S A$ NAAAMTVDSASALLTQTFVA VQDLDPATLSHEFLIKQASDAAVEATSRLLMQLTAA EPLDMKKLTYEYMIKQSILDTVNSTTQTLTVTYMA PPD DKKLTHEYMI KQSALDAANSATQALLTVTYMA ADQLTHDSLIKRAASLVTDSSTSFLSQATLA

PPNPQDLTSTYLIKNASVATVDAGSALLTQDACS

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## 50

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70
80
EAIT E Y TKAVYTLTS LYR QY T SLLLGKMNSEEEDEVWQV LI HAI TE YAKAVVHTIALQKRYDDSLGKLTPAEEDSVVQV LI EA L T EYTKA DHTLVVCFY QHYTDDLGGKMNSKEVVDAVWQV
 L I D A I D E Y S K A V H LL NA L Q R K Y L T S LI EA L T E Y T K A I Y TLLV SLGYK QY S N L L G K M N S DE V D A V WQ V
 L $V$ D LDALTE LIN ALLN DYS K A L M H T L

 MTLCA A V P | $L$ | $I$ | $E$ | $A$ | $I$ | $T$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| $L$ | $E$ |  |  |  |  |
| $L$ | $V$ | $D$ | $A$ | $L$ | $T$ |

L I D A L T E
L I EALTTE
L V E S LT E

| $L$ | $I$ | $E$ | $A$ | $L$ | $T$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| $L$ | $E$ |  |  |  |  |
| $L$ | $T$ | $D$ | $A$ | $L$ | $T$ |


LIEATTD

V T C Cav
LIEAITEYTK
LI EALTEYTKAVYTLISLYRQYTSLLGKMNSQEEDEVWQV LIDATTDYSKAVHTLIALQKRYLDALGKLSAAEEDTIWQV LTEALSE L I D A L T H


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-1 GARAEMTSKHQEYLKLETTWMTAVGLSEMAAEAAYQTG I I GQRAKVNDRQEDCKHFESTWFSAMKLCEAAAEAAYTSG I I GARVVLTPKQQEF LKKLESSWMTS LRRLSEMAAEAAYQS G I I GARVVEMTSKQQEYL KLLETTWMTAVVSLSEMAAEAAYQS G I GQRAEVNDRQDECKRFESTWVSAVKMCEMAADAAYTS G

II SGWRSEAAERDNECKHYDSTWDKAVNLSKMAAEAAYSSG
I IG A RVEMTSKQQEYLKLETTWMTAVGLSEMAAEAAY QTG


I I GARVEMTSKQQEYLKLETTWMTAVGLSEMAAEAAY QTGG
I I GARVVEMTSKQQEYLKKLETTWLTALGGLSEMAAEAAAQTG
I I GARRVEMTSSKQQE Y L K K L E T T WM TAAV S L

I DGARVVEMNDKLLDTCRHEESSNWMNAINNLSELAAAEAA YNA G

I GARAEMTSKHQEYLK LETTWMTAVGGLSEMAAEAAYQTG
11
I 1 G A R VEVSE
I VGARVKIKE QQEACLQFEAKWLTAVKLSEMAAEAAYQAG
I I GARVVMTSKQQEYL K LEETTWMTALGGLSEMAAEAAYQTG
I L GQREQEVIGRRKNCTHFESCWMTAVNLSQQAAEAAFNAG



I V E V R T E M E E K K Q I L M KLLT G Y M D Y V H K M A VA T S E I S F L S G
I I GQRAE


I V EARSEVI RRQDECQKMEETWTAALYLSKGAAEAAFKAG

I I ATRAKTDDFKNQ LIVVKTLLNYVEKVVVSTAETSTGSG
I V A L R SESET I K KK IN EMD I FLLQSVT QL MSAAAETA YHA D
I L E T R L L E I D K V V K R R K Q D
I V ETRAKVNKAKAAVNELNSYMSSVEKVVVTSTTAAA F LDAG

I V ELLRNE $\quad$ Q N K K E K L MHRDS
VN D R R D E CA RFE S T WVS A A K LLC E TA A EA A Y V S G

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 A D Q A SV T A R S H I Q LV K S Q
A D HA SI TMNS NL E V ALLS QVEKAQKLSTEADKKLAETK A D QA S VTARSHI QVLKS QVQQEVRLLSSQKAETKLAEA Q ADQASVNTHNH A E QA S I TAKTIL QAAKS QVEEVRQDSLEAKRKLAETK
 A E QAS I TVMTNV QMAQS QVGEARKMSAAADKMLAETK A D Q A S ITARNHIQLVKS Q
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A D Q A S VTVH T CVVQL A Q K QVA D M Q Q L A L N A E S K L A E VQ A D Q A S V TAR SHI QL VK S Q
A D Q A S V TVRNH
$Q \vee Q T Q V Q Q A R N Q A H \square A E V Q L A A S Q$ A D Q A S A HQAS LVQQ TI QVAQSQVEEARKLSSEADKKLAETK A DQASI TARNHI QLVK LQ
A DQASISARNH A D Q A S V T A R S H I Q L V K S Q
A D QA S V T A Q T S L Q V A Q S H VD Q $\square R$ Q L F K GAEKNLKES K A D QA SI T SRNHXQLVKKSQ
 A D Q A S V T A R S H
A E Q A S TMLLR A HVQQVA QT QVDEARKVSEDANKKLAETK A DQASVTARTN A EQASI SVKTN A D Q A S I TARNHDQLVK LQVEEVHQLSRKAETKLAEAQ A ESATVAARDRLQL AQNQUE LVRNQSRQADVVLNQLQ A D Q A S I TARNHUQLVKS Q A Q Q A S I S $\square R T \mathrm{~N}$

A D Q A S VT A R T QLE LC Q
A D Q A SVAA QS S LQVAQS Q
AEYA G I CANERLLSAERQ $\square K S A A Q K T A T L E$
 A E Y A S V S A G E R L Y S S Q R E I E NLLK LL T V $N$ A D ME L $N D T A S D D A C E R I D H A C R T C N T Q K Q L T H$ M D S L S NLLCQRINDVLDNVKKEVESNLELEQ
$\frac{\square}{M} D N \square S F T \square T Q R \square D D A L R \square I K E$
w
$M D N L S T S L T Q R$
V E MAAK VALTH
M D N $\square$ S N T L Q Q R
 CEYGS DAASER MEFASTSMGER
A D LAA S VTAYNH $\quad$ Q L VK T H
AE YMCTALCERLE SAQREDKDQ



A E H A S $\square$ TMRTNMQVA QA QVDEARKLSAEAERKLAESK $N \square A A S D A \square C E R \square D H A C R A C N T Q K Q L T$ A TYA GMAASERLDSAK
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[^0]:    lupas 21
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[^1]:    lupas 21
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