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 H Q A Y K E A QLRL E ELHREKVTKVMKDWSDLEERYQDMRTSD $H M R F Q K A K E S L$
$H$
$H$ H Q S Y K E A Q Q R L E E S H R E K V T R V M M K D WS D L E E K Y Q HAHFQKAKERLEAKHRERMSQVMREWEEAERQAKNLPKAD HAHFQKAKESLEAKHRERMSQVMREWEEAEREARNLPRAD HEYFVKAKA GLLQKHHHDKVTKMMKEWSDARQRQLELKKEDD

D D F L D A E Q R L E E R H RERVT K IM K D WS ELEDRYQDWHSTD HKMFLGARKRVVEKHRLRMTQVMKQWEEAEERYQELKMSKD
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HELLFRKAESDMEKKHHEH $\square$ AK $\square$ MQD WA LAR QR VQE LRN NDD
WVA A E NQSRD
$R$ A A
QRYNQAK $\square E \square S N G \square H K H E K \square L K Q E \square S D A E E P D K S Q \square K E D$

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## QUERY

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 R Q A ILN E H F Q T I L Q T
K Q K MT $R \mathrm{~F}$
R



PKAMTARF RQTMTAR K K A V I Q H
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IK E
K E V IT N RY QR LTY E A EE DENE QERK LLLK DTHR DR VQA L L N Q EKEMTARFQKTVASLEEENKEQKKQUEDVHEERVQANLNE

[^0]$\square H R Q H Y D C A Y K V I S N$
lupas_21
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C C C C C C C C C C C C C C c c c c c c c


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K K R T A THEYRAALADAVPDKHKVLKT LKAY DRAEEKDR $\square H$ R F EAAALAWDNAVRNAPSNLTQLLSAIEHLQRVVERDRYH T NVVEAN QPVARQVLDSLLKKYVRAEQK DRQH K QADLLEKFKK SLHEKEPSTQHI RSALDHLLRLQQKYRLH K N RVFSTNLCHSIFSDSPSLHELVGLVPEKCRFFHKERLE MKREAMTCYTRALAERLIDNHRVQKCLQKLLRALNKDRHB

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[^1]

## QUERY

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V 150 150

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 TLR HYQH

T T N RYRH LL R VDQAEAAAFKPTVLHRLRYIDDRDNGTLAM ALAAWRRAAAAGREAAAAERTSAADRLQDADRALQRALTA TMNRYRHMLKVDPKEAAAYKPTVLHRMRYDDLRIKGTLGM Y DTHYKHLRKTDPGKADQHKRFTLHK LKTLDLEVAQSVDG S L H HYEHTRQTNPKKAEDMKPALLEHI REVDDRI NQSI EM MLNRYRHLLRTDQAEAEAFKPVLLHRLRYI DDRLNGTLAM
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[^2]

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| UniRef90-G4LY13 |  |
| UniRef90-UPI000454122F | LYK\VPYVAQETQEEDDELLQ |
| UniRef90_B3RTK7 | $L$ Q Q F P DLQ S MVR |

[^3]


[^0]:    S L VQE F LS K F VK LE N Q S E Q D R K T L E T DH H Q R $\square E A$ Q MLE

[^1]:    lupas_21
    lupas_14
    lupas_28
    jnet
    conf
    sol25
    sol5
    sol0
    jhmm
    jpssm

[^2]:    lupas_21
    lupas_14
    lupas_28
    jnet
    conf
    sol25
    sol5
    jhmm
    jpssm

[^3]:    lupas 21
    lupas_14
    lupas_28
    jnet
    conf
    sol25
    sol5

