query

## UniRe990 U4ULX5

 UniRei9o- T1EP50 UniRefo - Jgk919 UniRefoo- 044455 UniRef90-H3F3L3 UniRef90-U6ID79 UniRei90-H3AA18 UniRef90_K7J998 UniRefore-C3Y1H3UniRefe90-GOPAX7 UniRe $90-$ Ticgoh UniRef90-X1WF08 UniRef90_UPI0004571826 UniRef90-G0PA88 UniRef90-G1KMB0 UniRef90-T1FS60 UniRef90-GOMNL8 UniRef90_A0A044TQE0 UniRef90_L5K415 UniRef90-GONDT2 UniRef90-M7CC17 UniRef90-E4YW26 UniRef90_UPI0002A478BF UniRef90-H2YAM9 UniRef90-W5KL37 UniRef90-T2MEJ6 UniRef90- H 3 Cl 19 UniRef90_UPIO003289B85 UniRef90-W4Z0D1 UniRef90-E5S1M1 UniRef90-UPI00046237A0 UniRef90-D6RJY3 UniRef90_UPIO00440B3D2 UniRef90_UPIO00455EEE5 UniRef90-K5WB91 UniRef90_UPI000440982B UniRef90-S8EFX7 UniRef90_D8PP94 UniRef90_UPIO004415FBC UniRef90-UPI00046C2327 UniRef90-S4BHU1 UniRef90-I1C1B8 UniRef90-UPI000223F6AF UniRef90-L8WYM2 UniRef90-X8JNP9 UniRef90-S2JHQ1 UniRef90-F4RB35 UniRef90-I1CN46 UniRef90-I1CKU3 UniRef90_11C6S3 UniRef90_S2J2C1
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UniRef90 B6K4C8 UniRef90-G7DWJ0 UniRef90_B6K5W7
UniRef90_O74412

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## C

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## $\begin{array}{cc}\text { L } & \text { C } \\ \text { L } \\ \text { C } \\ \text { C } \\ \text { C } \\ \text { C } \\ \text { L } \\ \text { L } \\ \text { C }\end{array}$

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CIHH G T T SLF NR
 HITLRSGSVI SLYNRINS QTVRTKYTTLENRQFCLRSD




## QUERY

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A LPR RRTDRKVDDKQQVILDASCSEEPVSQLHKCAFQMDDNE

ALLPRLVI RKVDKQTVILDT DEPVSQLHKCAFY LDKDTD ALPRLVI RKVDKQTALLEA


 AL PRLVI RKVDKQMAHL AL PPLRI RKVDNQQVILGASCS A L P RLLVRKVVDKQMALLEA
 DDPVSQLHKCAFYMKDTN DDPVSQLHKCAFYGKDTE

A

DDPVSQLKCAFY KKDE
 D DPVS QL H K C A LIFLKK D T D

A L P LL $V V$

ALPRLII RKVDKQTALLDA
ALPRMRI RKVDKKQVILDATCS
C

D


TLPRLI IRKVDKQMALLMDA DDPVSQL HKCAFQFRDGP LHKCAFYMKDTD AQPDS
QTAPLI I RKVDKGRIVNDD GGPVSQMQKDALQRLNSD STSPLVI RKVDKGRVVSDD STAPLVIRKVDKGKIATDD GGPVSQMQKI ALQRVNPD ATGPLVIRKVDKGRVSNDD GGPVSQMQKI ALQRVNPD
 PTPPLVI RKVDKGRITQDD GGPVSQMQKI ALQRVNAD
 A $\square P R$ R
TSDVLSTRKVERNTIVTNA ASEPVSQLHKDALQVQSAE TSPPLIIRKVEKNKVVYDAF GLLSQMQKVALQLANTP $T L P P M L S G G G D V A T L E L Q G E N F H G G L V K V W F G D V E A E$ ASDPLIIRKVDKSRIINDD GGPVSQMQKI ALQRIDGQ ASDPLI I RKVDKSRIINDD GGPVSQMQKI ALQRIDGQ



 TSPSLI I RKVDKGRI AQCAYGPVSQMQKIALQLIDTQ SSGPLVVRKVEKNMVQKDAT GPVSQMQKLAFCQLDKP VSPVLVIRKVERSQALI GSNSPDVPVSQLHKVAFQLRDQP TLPP PMRPREVNCQVAELG
$T S P V M \backslash I R K V D K G S M V I G G G A \square G D P V S Q L H K V A F Q \square K D V N$ MSDPLI RRVEKDE IAQDDGY DEPVNQMHRIAFGFRDTK TLPPMI I RKVAKQCALLDVGDEPISQLHKCALQFGPGG VSPVMVIRKVDKGSMIMGGEADGDPVSQLHK SLPKMRSRKVSQNHIQLDPSTHDEPVAQLHKCAFQVIDAE MSDPLIIRRVEKDGI AQDDGY VNQMHRVVLESSASF ATDPLVLCKVDRGRICPPVDGPWGAVTQMQKVALMRPHAP VSPVM। I RKVDKGSTA DGGEVLGDPVSQDHKI ALEMTDPQ
 $V S P V L I I R K V E R D T T V V G G G L C G D P V S Q L H K I A F E V F D P S$ $V$ SPVMVIRKVDKGSMVLGGETLGDPVSQLHKI AFQIVQDP
 $V$ SPVLI I RRVEKGSMVMGGEALGDPVSQLHKVGFQVVQDP




V
$\frac{\mathrm{V}}{\mathrm{V}}$ SPVMVI RRADKGSMVMGGEALGDPVSQLHKVAFQUVQD
 RSPPLI I R KYENRKAVVEDDQLGDSINCLSRLAFQCPRT

$\square V Y \square C \square S H D K \square I Q H Q A T A \square N E H R H Q \square N D G A A W T \square I S T$

NPKRHVITDGAAWTIIST
GTRHYLSAAGP LLFQSPRVREETDEVDDYLCWTIVG

 GTRHYLSAS GPMPFQSPRDREEVDEVDDYLCWTVVG GSHHYLSAQGP\PGTPNVVSPSSDEVDDYLCWTIVGI | $G$ | $T$ | $R$ | $H$ | $Y$ | $L$ | $S$ | $A$ | $A$ | $S$ | $P$ | $V$ | $P$ | $F$ | $Q$ | $A$ | $P$ | $R$ | $V$ | $R$ | $E$ | $E$ | $T$ | $D$ | $E$ | $V$ | $D$ | $D$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $G$ | $Y$ | $L$ | $W$ | $W$ | $I$ | $V$ | $G$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $G$ | $S$ | $R$ | $H$ | $Y$ | $L$ | $S$ | $A$ | $A$ | $G$ | $P$ | $V$ | $P$ | $F$ | $Q$ | $S$ | $P$ | $R$ | $V$ | $R$ | $E$ | $E$ | $H$ | $D$ | $E$ | $V$ | $D$ | $D$ | GTRHY L S A A GPMP F QA P R V R E E V D E E V D D Y L C W

 RS Y L S A A G P H PLLLY QA P R V D A N N V V Q F D D Y I C WT I H TF L A L I S D G L G LVK L K P GP S GQD SI EDMNTWTI I S S
 TMY
$R Y Y L S A S G S Q S L H Y Q A P R M R E E R D E V D D W L C W T I V G$ RYYLSASGSQSLHYQAPRTREERDEVDDWLCWTIVG $N G N V N H N T S A W W D F S A A G S S E K G E P V D D Y L C W T I V G$ GQRYYLSASGTIHYQAPRMREERAEVDDWLCWTIVG GSADYVVADEPGRFPSPPPPEERDEIDDDSVAWTVIGG K MSVVMAPDPRMPRTSQPVTYGMHKTSEGRSW
 P V Y L S A A H Q T WL D Y S P S R K L E Q E E I D D Y L C WT I V G



MT PTTSPTFQSPSQAHPPG
 GTYLCLAMEKIVQFQASPCPKNRALLNDSSCWTIIGT S $\square$ A H N YR H Y QL P QHLS T A
$\begin{array}{lllllllllllllllllllll}D T & Y \\ S & W & N & S \\ N\end{array}$ STNL NLPN EAVVPVVEWEPIVEYNDEVI RDSVVCWTIVVG RTYLCA GPPPHDASALEPNQAPLDDAFCWTLVS
S A YL A PVTS P
 GAFLSCMGEKVNTYRPT
GAFLLSCVADKVNTYRPS
T
QHDNVIQHQAQQAEANYQ
S 1
KTF L S CMGEKVNTYRP
KGAPE L GHPG
GAFLSCMGEKVNTYRP
GAFLSCMGEKVNTYRP
GAFLSCMGEKVNTYRP
R
$G V Y A N A N Q S A P$
G SYGSCAVDKVNTFTPSERRWNK
K
S $\square$ Y L S P S S D G $ا$
RWFLNASSEA乌LPDEWEAVSNEMTRVGDSVCWT VVG

R G F VT MVVE DVGGYRSPKALASGAQQLTBASLWTVTS
RTY L C A A H S L P LIT F A S T P L P WT Q HVV E D A F C WT L V G
 SAYLACQGGGVGLHRP
$N V L K K P Y N Q Q G M D F P A T S \square D E S G S V V S D A D C W T V I G G$




[^0]

[^1]UniRef90 M7P8F4 UniRef90-UPIOOO4560327 UniRef90-S9R0V3 UniRef90-LOPGF6 UniRef90_UPIO003F49BDE
UniRef90-H2RLW3
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UniRef90 E6R079
UniRef90-Q4P201
UniRef90-Q5KPQ7
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UniRef90-E2LEW2
UniRef90-F4P3Q1
UniRef90-14YG48
UniRef90-M7XKS1
UniRef90_J3PV64
UniRef90 R9ANO4
UniRef90 E4X874
UniRef90_S9X4X2
UniRef90-A0A058ZA84
UniRef90_UPI000258DA8C
 K F L S $\square$ D TEGEFQFNDKPSRATHSVLPWSAMWS $\square 1$ ST S $\square \mathrm{Y}$ LTHQDES $\square$ IMQPA
TMSH
SM
R WY L S
MCYLSALVERPGPEPMPVVPGSYHEVNDYATWMDTS TM
RWY $\square$ S APGAR $\square$ GAESAPG $\square R M R R Q K V N$
RWY LSAPGAR $\square$
RMYLS
RLLFLSSKEAQPLPFTSATDREGSDVLEDAGQWTIVG GSRHYLSAAGPIPFQSPRVRDELDEVDDYLCWTIVG GHY $\square S L R D E S \square V \square Y Q A Q S$

ES F LGVVEEEVGVHQA
GAY
RYF LENDHGKVADYEAK LDDVDSVSLPDGCFWTTLS KSFIDEFNAGEVGYTGDPSEATHSVLPWSAMWS IIST $G \nabla Y \square C \square A K N G D P P$

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lupas_21
lupas_14
lupas_28
jnet
conf
sol25
sol5
sol0
jhmmm
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[^0]:    lupas_21
    lupas_14
    lupas_28
    jnet
    conf
    sol25
    sol5
    Sol0
    jpssm

[^1]:    lupas_21
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    lupas 28
    jnet conf sol25 sol5 sol0
    jhmm
    jpssm
    

