## QUERY

UniRef90 F2VKG6 UniRef90-BOFZ72 UniRef90-L7M253 UniRef90-L7M253 UniRef90-LTM253 UniRef90 L7M253 UniRef90-L7M253 UniRef90_LTM253 UniRef90_L7M253 UniRef90-LTM253
UniRef90-L7M253 UniRef90_L7M253 UniRef90 L7M253 UniRef90-L7M253 UniRef90_L7M253 UniRef90 L7M25 UniRef90-A1IIC7
UniRef90- $33 J Z 01$ UniRef90 O16122 UniRef90 Q5G6W9 UniRef90-05G6W8 UniRef90 K1RAP3 UniRef90 K1RAP3 UniRef90-K1RAP3
UniRef90 K1RAP3 UniRet90-K1RAP3 UniRef90-K1RAP3 UniRef90-Q7RIE UniRef90_Q7RIE7 UniRe90-QRMET niref90-W4XMJ7
UniRef90-W4XMJ7 UniRet90_W4XMJ7 UniRet90 W4XMJ7 UniRef90-W4XMJ7
UniRef90 Q075B1 UniRef90 007479 UniRef90 UPI0003D258AF UniRef90-UPIO003D258AF UniRef90-UPI0003D258AF UniRef90 UPI0003D258AF UniRef90_UPIO003D258AF UniRef90-UPI0003D258AF UniRef90_UPI0003D258AF UniRef90 UPI0003D258AF UniRef90-UPI0003D258AF UniRef90 UPIO003D258AF UniRef90 UPI0003D258AF UniRef90_UPI0003D258AF UniRef90_UPIO003D258AF UniRet90 UP10003D258A UniRef90_UPIooo3D258AF UniRef90_UPI0003D258AF UniRet90_U5FZP4 UniRef90-U5FZP4 UniRef90-A1IIC6 UniRef90 ${ }^{-0075 A C}$ UniRef90-W4J4V4 UniRef90_W4J4V4 UniRef90_W4J4V4 UniRef90 W4J4V UniRef90 O9NCO UniRef90- Q7REQ5 UniRef90-Q7REQ5 UniRef90 O7REQ5 UniRef90 A0A024WKJ2 UniRef90-A0A024WKJ2 UniRef90-A0A024WKJ2 UniRef90 A0A024WKJ2 UniRef90-AOAO24WKJ2 UniRef90-Q381X4 UniRer90_-_5BMM9 UniRef90_O9NCR1 UniRef90 Q9NCQ8 UniRef90 Q7RE73 UniRef90 Q7RE73 UniRef90-Q074Z6 UniRef90 W7JQZ7 UniRef90-W7JQZ7 UniRef90-W7JQZ7 UniRef90_W7JQZ7 UniRef90_O9NCR2
UniRef90_Q9NCR2

1
10
20
(CTVKANTCT CTGGSDCTSCTTACTNCQNCPNAHTCTDSTNCRNAQTCT CTGGSDRTSCTAACTGCANCPNAVTCTDSQNCDNAVTCT CADGMHCG CADGMMHGGT
CADGMHCGT
CAD $C^{C} A D G M H C G T$ CADGMHCGT CADGMHCGT CADGMHCGT A CADGMHCG CADGMHCGT CADGMHCGT
CADGMHCGT PRODMHCGTPECADGHCGTHCA CADGMHCGT QCTGGTDCTSCTSACTSCANCPNAQTCTNSGNCVNAQTCT QCTGAADCTSCTAACTGCGNCPNAHTCTGSKNCVRATTCT QCTGGSDCTSCT

#  

 VHCT C C QNCPNAVHCTEGEHYTRGVH
VHCTE GEHYTRGVHCTRGVQCTEGVHCT
VHCTEGEHYTRGVHCTRGVQCTEGVHCT
VHCTEGEHYTRGVHCTRGVQCTEGVHCT
VHCTE on t Navi
QNTNNHENC
QNTNNHENCQ
G
STN
SKN
GV
$G V$
$G V$
$G V$
V
V
GE
GE
GE
GE
N C
N
C
C
$C$
$C$
$C$
$C$
C
N
N
C
C
N
$N$
$N$
E
E
E
E
Q
N
G
G
G
G
NCQ
ANACT
ANACT
ANACT
ANACT
CTSCTAGCTGCGNCPNAVTCTNSENCVK QCTGGADCTSCT CTPGADCTSC CTPSAGCT CTPSAGCTP CTPSAGCTP CTPSAGCTP CTPSAGCTP
CTPSACTM
CTPSACT CTPSAGCTP CTPSAGCTP CTPSAGCTP CTPSAGCTP $C T P S A G C T P$
$C T P S A G C T P$
$C$ CTPSAGCTP
$C T P S A G C T P$
$C T P S A G C T$ CTPSAGCTP

 SAGCTPSAGCTPSAGCTPSAGGCTPSA
SAGCTPSAGCTPSAGCTPSAGCTPS


## S

AGCTPSAGCTPSAGCTPSAGCTPSAGCT
 QCTGGSDCRSCTVSCTDCQNCPNARTCTNSRNCNNATCCT CMSANSC CGDSNCSMS CNNCGD CGDSNNCGD CGDSNNCGD $C G D S N N C G D$
$C G D S N N C G D$ ECTGGSDCSSCT

STNNCGSNNCRDSNNCGG
DSENC
DSENC
D
CTGGP
DSEENC
DSEENC
NCNACT ANSCTNCENCP SNNCGDSNNC DSNN NS

N C I
> $\stackrel{\text { EN }}{\mathrm{N}} \mathrm{N}$
> E N $E N$
$E N$
$E N$ $\qquad$ C
$\mathrm{N} C$
$\mathrm{~N} C$
C
C N
N
N
D

Y
Y Q N GI CKNICV
Y Q NGICKNICV YQNGI CKNICV

KCTGGADCTSCTAACTGCGNCPNAATCTDSKDCIKAVTCT
QCTGGADCTSCTGACTGCANCPNARTCVGSRNCINALTCT QCTGGSDCSSCTGACTTCRNCPNAMTCTRSSECNNAVTCT
 QNCQNYQN
Q NCQNYQN
CQNYQNCQNYQNCQ CTGSKNCLK AVTCTGSTNCNRATTCTNSKDCFEATTCT CTGSKNCLK

UniRef90 F2VKG6 UniReforo-B0FZ72 UniRefi90 L7M253 UniRefi90-L7M253 UniRef90-L7M253 UniRef90 LTM253 UniRef90-L7M253 UniReforo-LMM233 UniRefi90 LTM253 UniRefi90-LTM253 UniRef90-LTM253 UniRef90 L7M253 UniRefi90-L7M253 UniRef90_L7M253 UniRef90_L7M253 UniRef90_A1IIC7 UniRef90-J3JZ01 UniRef90_O16122 UniRef90_Q5G6W9 UniRef90_Q5G6W8 UniRef90-K1RAP3 UniRef90_K1RAP3 UniRef90_K1RAP3 UniRef90-K1RAP3 UniRef90_K1RAP3
UniRef90-K1RAP3 UniRef90_Q7RIE7 UniRef90-Q7RIE7 UniRef90_Q7RIE7 UniRef90_W4XMJ7 UniRef90-W4XMJ7 UniRef90_W4XMJ7 UniRef90_W4XMJ7 UniRef90-W4XMJ7 UniRef90_Q075B1 UniRef90_Q074Z9 UniRef90_UPI0003D258AF UniRef90-UPI0003D258AF UniRef90_UPI0003D258AF UniRef90_UPI0003D258AF UniRef90_UPIO003D258AF UniRef90_UPI0003D258AF UniRef90_UPI0003D258AF UniRef90_UPI0003D258AF UniRef90_UPI0003D258AF UniRef90_UPIO003D258AF UniRef90_UPI0003D258AF UniRef90_UPI0003D258AF UniRef90_UPI0003D258AF UniRef90_UPI0003D258AF UniRef90_UPI0003D258AF UniRef90-UPI0003D258AF UniRef90_UPI0003D258AF UniRef90_U5FZP4 UniRef90_U5FZP4 UniRef90-A1IIC6 UniRef90-O46346 UniRef90_Q075A0 UniRef90 W4J4V4
UniRef90 W4J4V4 UniRef90-W4J4V4 UniRef90_W4J4V4 UniRef90_W4J4V4 UniRef90_Q9NCQ9 UniRef90_Q7REQ5 UniRef90_Q7REQ5
UniRef90 Q7REQ5 UniRef90_Q9NCQ7 UniRef90_A0A024WKJ2 UniRef90_A0A024WKJ2 UniRef90_A0A024WKJ2 UniRef90_A0A024WKJ2 UniRef90_A0A024WKJ2 UniRef90_Q38IX4 UniRef90-Q5BMM9 UniRef90_D9N0C0 UniRef90_Q9NCQ8 UniRef90_Q7RE73 UniRef90_Q7RE73 UniRef90-Q074Z6 UniRef90-W7JQZ7 UniRef90-W7JQZ7 UniRef90-W7JQZ7 UniRef90_Q9NCR2

GSTDCNTAQTCTNSKDCFEANTCTDSTNCYKATACTNSSG RSTNCNRAMTCTNSYDCFNAATCTDSTNCYKATTYTRSTG
GSSNCNKATTCTNSSDCFEATTCTDSTNCNKATACTNSTG D GVHCGTPEPCLDGVHCGTPKPCSDGDHCGTPENC
 GSEDCFEAATCTGSSNCYT PSAGCTPSAGCTPSAGLISAQQSTSSAGGQKRKTST $P S A G C T P S A G C T P S A G L I$
$P S A G C T P S A G C T P S A G L I$ PSAGCTPSAGCTPSAGLI
$P S$
$P S$ $P S A G C T P S A G C T P S A G L$
$P$
$P$
$P S A G C T P S A G C T P S A G L I$ $P S A G C T P S A G C T P S A G L I$

$\begin{array}{lllllllll}P & S & A & G & T & P & S & A & G \\ P & S & P & S & A & G & L & I & P \\ C & A & G & T & P & S & A & G & L\end{array}$
$P S A G C T P S A G C T P S A G G L I S$
GN
 GSTNGNRATTCSNSKDCFVATTCSGSTNCYKA』TCVNSTG DSNNC
DSNNC
D S N N C
DSNNC
DSNNC
RSTMCNGAVTCTDSYDCFNAKTCTGSTNCYEATACTDSTG NSKNCENSKNCENSKNCQ
NSKNCENSKNCENSKNCQ
NSKNCENSKNCENSKNCQ
RSTKCNKAVTCTNSSDCFKAVTCTGSTNCYKAKNCAGSTN GKKNCVGKKNCVGKKNCVGKKNCVGKKNCVGKKNCVGKKN GKKNCVGKKNCVGKKNCVGKKNCVGKKNCVGKKNCVGKKN GKKNCVGKKNCVGKKNCVGKKNCVGKKNCVGKKNCVGKKN GKKNCVGKKNCVGKKNCVGKKNCVGKKNCVGKKNCVGKKN GK K N C V G K K N C V G K K N CVVGK K N CVVGK K N CVVGKKNCVGKKN

GSYDCYNAATCTGSTNCYKATTCTGSTNCYEATTCTDSTG GSTNCNRAMTCTNSYDCFEAVT LTT
GSHDCHNAQTCTGSYDCYNATTCTGSTNCYRATTCTGSTN NYQNCQNYQNCQTYQNYQN TQSSNDEEALNYLNSSS $N Y Q N C Q N Y Q N C Q T Y Q N Y Q N$ T Q S S NDEEALLNYLLSSS GSSNCYKATTCTDSTNCYNATTCTNSTGC
GSSNCYKATTCTDSTNCYNATTCTNSTGC
NNKSCENNKSCENSKSCENNKSCENSKSCENNKSCENSKS NNKSSCENNKKSCENSSKSCEENNKSCCENSSKSCENNNKSCCENSSKS NNKSCENNKSCENSKSCENNKSCENSKSCENNKSCENSKS NNKSCENNKSCENSKSCENNKSCENSKSCENNKSCENSKS


| QUERY | C P |
| :---: | :---: |
| UniRef90_F2VKG6 | C P |
| UniRef90-B0FZ72 | C P |
| UniRef90-L7M253 |  |
| UniRef90-L7M253 |  |
| UniRef90-L7M253 |  |
| UniRef90-L7M253 |  |
| UniRef90-L7M253 |  |
| UniRef90-L7M253 |  |
| UniRef90-L7M253 |  |
| UniRef90-L7M253 |  |
| UniRef90-L7M253 |  |
| UniRef90-L7M253 |  |
| UniRef90-L7M253 |  |
| UniRef90 L7M253 |  |
| UniRef90-L7M253 |  |
| UniRef90_L7M253 |  |
| UniRef90_L7M253 |  |
| UniRef90-L7M253 |  |
| UniRef90-A1IIC7 | C |
| UniRef90-J3JZ01 | C |
| UniRef90-O16122 | C |
| UniRef90-Q5G6W9 | C |
| UniRef90-Q5G6W8 | C |
| UniRef90-K1RAP3 | C |
| UniRef90-K1RAP3 | C |
| UniRef90 K1RAP3 | C |
| UniRef90-K1RAP3 | C |
| UniRef90-K1RAP3 | C |
| UniRef90-K1RAP3 | C |
| UniRef90 Q7RIE7 | C |
| UniRef90-Q7RIE7 | C |
| UniRef90 Q7RIE7 | C |
| UniRef90-W4XMJ7 | C |
| UniRef90_W4XMJ7 | C |
| UniRef90-W4XMJ7 | C |
| UniRef90-W4XMJ7 | C |
| UniRef90_W4XMJ7 | C |
| UniRef90_Q075B1 |  |
| UniRef90_Q074Z9 | C P |
| UniRef90_UPI0003D258AF |  |
| UniRef90-UPI0003D258AF |  |
| UniRef90_UPI0003D258AF |  |
| UniRef90_UPI0003D258AF |  |
| UniRef90-UPI0003D258AF |  |
| UniRef90_UPI0003D258AF |  |
| UniRef90-UPI0003D258AF |  |
| UniRef90-UPI0003D258AF |  |
| UniRef90 UPI0003D258AF |  |
| UniRef90_UPI0003D258AF |  |
| UniRef90-UPI0003D258AF |  |
| UniRef90-UPI0003D258AF |  |
| UniRef90 UPI0003D258AF |  |
| UniRef90-UPI0003D258AF |  |
| UniRef90_UPI0003D258AF |  |
| UniRef90 UPI0003D258AF |  |
| UniRef90-UPI0003D258AF |  |
| UniRef90-U5FZP4 | C |
| UniRef90_U5FZP4 | C |
| UniRef90-A1IIC6 |  |
| UniRef90-O46346 | C P |
| UniRef90_Q075A0 | C P |
| UniRef90-W4J4V4 |  |
| UniRef90-W4J4V4 |  |
| UniRef90 W4J4V4 |  |
| UniRef90-W4J4V4 |  |
| UniRef90-W4J4V4 |  |
| UniRef90-Q9NCQ9 | C P |
| UniRef90-Q7REQ5 |  |
| UniRef90-Q7REQ5 |  |
| UniRef90-Q7REQ5 |  |
| UniRef90-Q9NCQ7 | C |
| UniRef90_A0A024WKJ2 | C |
| UniRef90-A0A024WKJ2 | C |
| UniRef90-A0A024WKJ2 | C |
| UniRef90_A0A024WKJ2 | C |
| UniRef90_A0A024WKJ2 | C |
| UniRef90-Q381X4 |  |
| UniRef90-Q5BMM9 |  |
| UniRef90-Q9NCR1 | C P |
| UniRef90-D9N0C0 |  |
| UniRef90-Q9NCQ8 | C |
| UniRef90-Q7RE73 |  |
| UniRef90-Q7RE73 |  |
| UniRef90_Q074Z6 |  |
| UniRef90-Q074Z6 |  |
| UniRef90-W7JQZ7 | C |
| UniRef90-W7JQZ7 | C |
| UniRef90-W7JQZ7 | C |
| UniRef90-W7JQZ7 | C |
| UniRef90-Q9NCR2 | C |
| UniRef90_Q9NCR2 | C |



UniRef90_Q9NCQ6 UniRef90-Q9NCR5 UniRef90_A0A024V2B8 UniRef90-A0A024V2B8 UniRef90_A0A024V2B8 UniRef90_A0A024V2B8 UniRef90-A0A024V2B8 UniRef90 W4IGH2 UniRef90-W4IGH2 UniRef90 W4IGH2 UniRef90-W4GH2
UniRef90 W4IGH2 UniRef90-W4IGH2 UniRef90-W4IGH2 UniRef90_E9JTX2 UniRef90_UPI0003F09BFO UniRef90_UPIO003F09BFO
UniRef90 UPIo003F09BFO UniRef90-UPIO003F09BFO
UniRef90-UPIOOO3F09BFO UniRef90-Q3M1Q1 UniRef90-O3M1Q1 UniRef90_V7PL54 UniRef90_UPIO003F062A4 UniRef90-UPIo003F062A4 UniRef90-UPI0003F062A4 UniRef90-UPI0003F062A4 UniRef90-UPI0003F062A4 UniRef90_UPIo003F062A4 UniRef90_UPIo003F062A4 UniRef90-UPI0003F062A4 UniRef90-UPIO003F062A4 UniRef90-UPI0003F062A4 UniRef90-UPIo003F062A4 UniRef90-UPI0003F062A4 UniRef90-UPIO003F062A4 UniRef90_UPIO003F062A4 UniRef90_UPIo003F062A4 UniRef90-UPIO003F062A4 UniRef90-UPI0003F062A4 UniRef90-UPI0003F062A4 UniRef90_UP10003F062A4 UniRef90-UPIOOO3F062A4
UniRef90-UPIOOO3F062A UniRef90-UPI0003F062A4 UniRet90_E6VQ10 UniRef90-E6VQ10 UniRef90_E6VQ10 UniRef90_A0A024WS83 UniRef90-A0A024WS83 UniRef90-AOAO24WS83
UniRefgo- AOAO24WS83 UniRef90-W7FGLO UniRef90-W7FGLO UniR Refo W7FGLO UniRef90_T1FJX5 UniRef90_T1FJX5 UniRef90-T1FJX5
UniRef90-T1FJX5 UniRef90-T1FJX5 UniRef90_-V7PPX7 UniRef90-V7PPX7 UniRef90-V3ZLG6 UniRef90-V3ZLG6 UniRef90_VZZLG6 UniRe90_VZZLG6 UniRef90-Q8ID77 UniRef90-Q8iD77 UniRef90 - Q8ID77 UniRef90-Q81D77 UniRef90_Q81D77 UniRef90-Q81D77 UniRef90-Q81D77 UniRef90_Q81D77 UniRef90_Q81D77 UniRef90_Q81D77
UniRef90-Q8ID77 UniRef90_Q81D77 UniRef90_Q8ID77 UniRef90-W7A519 UniRef90 W7A519 UniRet90 K6UDE9 UniRef90-K6UDE9 UniRet90_V7PNV0 UniRef90 V7PNVO UniRef90-V7PNVO
UniRef90 V7PNVO UniRef90_J9D9R6 UniRef90_J9D9R6 UniRef90_J9D9R6

GSSNCDNALTCTDSHDCHNAETCTRSTNCYKAKTCTDSTG RSTNCYKAVTCTKSYDCYKAVTCTDSTNCYEATACTNSTG GK K N CVGKKNCVGKKNCVGKKNCVGKKNCVGKKNC GKKNCVGKKNCVGKKNCVGKKNCVGKKNCVGKKNC GKKNCVGKKNCVGKKNCVGKKNCVGKKNCVGKKNC GK K N CVVGKKNCVGKKNCVGKKNCVGKKNCVGKKNC GKKNCVGKKNCVGKKNCVGKKNCVGKKNCVGKKNC D S N N C
D S N N
DSNNC
DSNNC
D SNNC
DSNNC
DSNNC
RSTDCFNA 1 TCDDSTNCYKATTCDNSTGC
D NYENCENY N C C AEA NCANVST正

E


G S
GS L
GSLLGCVGSLGCVGSLGCVGSLGCVGSLGCVGSLGCVGS
G G CV G S L G CVV G S L G CV G S L G CLV G S L G CVV G L G CVVGS
EA HCDEAV HCDETV$H C D C K$

| E | $A$ |  | $H$ | $C$ | $D$ | $E$ | $A$ | $V$ | $H$ | $C$ | $D$ | $E$ | $T$ | $V$ | $H$ | $C$ | $D$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| K | $A$ | $A$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $E$ | $A$ | I | $H$ | $C$ | $D$ | $E$ | $A$ | $V$ | $H$ | $C$ | $D$ | $E$ | $T$ | $V$ | $H$ | $C$ | $D$ |

$G K K N C V G K K N C V G K K N C V G K K N C V C K N D C V G K N \prod C$
GKKNCVGKKNCVGKKNCVGKKNCVCKNICVGKNIC
GKKNCVGKKNCVGKKNCVGKKNCVCKNDCVGKNDC
PKQSCTPKQSCTPKQSCTPKQSCTPKQSCTPKQSCTPKQP PKQSCTPKQSCTPKQSCTPKQSCTPKQSCTPKQSTTPKQP
 $P K Q S C T P K Q S C T P K Q S C T P K Q S C T P K Q S C T P K Q S C T P K Q P$ NCENCENSKNCENSKNCQ
NCENCENSKNCENSKNCQ
NCENCENSKNCENSKNCQ
QVSHCYSANSCS QVSHCYSANSCSQASHCYSANTCSQVSH QV SHCYSANSCSQVVHCYSANSCSQASHCYSANTCSSVVH QV SHCYSANSCSQVSHCYSANSCSQASHCYSANTCSSVSH QVSHCYSANSCS QVSHCYSANSCSQASHCYSANTCS QVSH D NKKCVDNKKCDDNKKCVDNKKCDDNKKCDDNKKCVDNKK DNKKCVVDNKKCDDNKKCVVDNKKCDDNKKCDDNKKCCVDNKK DNKKCVVNKKCDDNKKCVDNKKCDDNKKCDDNKKCVVDNKK DNKKCVDNKKCDDNKKCVDNKKCDDNKKCDDNKKCVVNKK DNKKCVVNKKCDDNKKCVDNKKCDDNKKCDDNKKCCVDNKK

 D NKKCVVDNKKCDDNKKCVDNKKCDDNKKCDDNKKCVVDNKK
 D NKKCVVNKKCDDNKKCVDNKKCDDNKKCDDNKKCVVDKK D NKKCVVNKKCDDNKKCVDNKKCDDNKKCDDNKKCVVDKK D N K K C V V N N K K C D D N K K C V D N K K C D D N K K C D D N K K C V V D N K K
 DNKKCVDNKKCDDNKKCVDNKKCDDNKKCDDNKKCVVNKK DRKGCKDRKGCKDRKGCRNHKGCKDREEC

K NCEGDEG
DRKGCKDRKGCKDRKGCRNHKGCKDREEC KNCEGDEG
 NDTNGTNGTSGTNGANDTNGTNDTNGTNDTNDTNGTSHMN KRGNCQKRENCQKRKNCQKRENCQKRENCQKRENCQ KRGNCQKRENCQKRKNCQKRENCQKRENCQKRENCQ
$K R G N C Q K R E N C Q K R K N C Q K R E N C Q K R E N C Q K R E N C Q$

| UniRef90_Q9NCQ6 |  |
| :---: | :---: |
| UniRef90_Q9NCR5 |  |
| UniRef90-A0A024V2B8 |  |
| UniRef90-A0A024V2B8 |  |
| UniRef90-A0A024V2B8 |  |
| UniRef90-A0A024V2B8 |  |
| UniRef90-A0A024V2B8 |  |
| UniRef90-W4IGH2 |  |
| UniRef90-W4IGH2 |  |
| UniRef90-W4IGH2 |  |
| UniRef90-W4IGH2 |  |
| UniRef90-W4IGH2 |  |
| UniRef90-W4IGH2 |  |
| UniRef90-W4IGH2 |  |
| UniRef90-E9JTX2 |  |
| UniRef90-UPI0003F09BF0 |  |
| UniRef90-UPI0003F09BF0 |  |
| UniRef90-UPI0003F09BF0 |  |
| UniRef90-UPI0003F09BF0 |  |
| UniRef90-Q3M1Q1 |  |
| UniRef90-Q3M1Q1 |  |
| UniRef90-V7PL54 |  |
| UniRef90-UPI0003F062A4 | C |
| UniRef90-UPI0003F062A4 | C |
| UniRef90-UPI0003F062A4 | C |
| UniRef90-UPI0003F062A4 | C |
| UniRef90-UPI0003F062A4 | C |
| UniRef90-UPI0003F062A4 | C |
| UniRef90-UPI0003F062A4 | C |
| UniRef90-UPI0003F062A4 | C |
| UniRef90-UPI0003F062A4 | C |
| UniRef90-UPI0003F062A4 | C |
| UniRef90-UPI0003F062A4 | C |
| UniRef90-UPI0003F062A4 | C |
| UniRef90-UPI0003F062A4 | C |
| UniRef90-UPI0003F062A4 | C |
| UniRef90-UPI0003F062A4 | C |
| UniRef90-UPI0003F062A4 | C |
| UniRef90-UPI0003F062A4 | C |
| UniRef90-UPI0003F062A4 | C |
| UniRef90-UPI0003F062A4 | C |
| UniRef90-UPI0003F062A4 | C |
| UniRef90-UPI0003F062A4 | C |
| UniRef90-E6VQ10 |  |
| UniRef90-E6VQ10 |  |
| UniRef90-E6VQ10 |  |
| UniRef90-A0A024WS83 |  |
| UniRef90 A0A024WS83 |  |
| UniRef90-A0A024WS83 |  |
| UniRef90-A0A024WS83 |  |
| UniRef90-W7FGL0 |  |
| UniRef90-W7FGL0 |  |
| UniRef90-W7FGL0 |  |
| UniRef90-T1FJX5 | C |
| UniRef90-T1FJX5 | C |
| UniRef90-T1FJX5 | C |
| UniRef90-T1FJX5 | C |
| UniRef90-T1FJX5 | C |
| UniRef90-V7PPX7 |  |
| UniRef90-V7PPX7 |  |
| UniRef90-V7PPX7 |  |
| UniRef90-V3ZLG6 | C |
| UniRef90-V3ZLG6 | C |
| UniRef90-V3ZLG6 | c |
| UniRef90-V3ZLG6 | C |
| UniRef90-Q8ID77 | C |
| UniRef90 Q8ID77 | C |
| UniRef90-Q8ID77 | C |
| UniRef90-Q8ID77 | C |
| UniRef90-Q8ID77 | C |
| UniRef90-Q8ID77 | C |
| UniRef90-Q8ID77 | C |
| UniRef90 Q8ID77 | C |
| UniRef90-Q8ID77 | C |
| UniRef90-Q8ID77 | C |
| UniRef90-Q8ID77 | C |
| UniRef90-Q8ID77 | C |
| UniRef90-Q8ID77 | C |
| UniRef90-Q81D77 | C |
| UniRef90-Q8ID77 | C |
| UniRef90-W7A519 |  |
| UniRef90-W7A519 |  |
| UniRef90-K6UDE9 |  |
| UniRef90-K6UDE9 |  |
| UniRef90-K6UDE9 | R |
|  |  |


lupas_21
lupas_14
lupas_28
jnet
conf
sol25
sol5
sol0
jhmm
jpssm

UniRef90_T1EP77 UniRef90-T1EP77 UniRef90 ${ }^{-}$T1L670
UniRef90_T1L670
UniRef90 T1L670 UniRef90_C0H545 UniRef90_T1KV82 UniRef90_T1KV82 UniRef90_K1PRR7 UniRef90_A6GDE5 UniRef90_D0LVS8 UniRef90_T1KV70 UniRef90 Q8IHS3 UniRef90_W4J1N9 UniRef90_UPI00042AE48C UniRef90_A7A2D6
 EGLDCNEGLDCDEGLDCNEGLDCDEGFYCNEGLNCNEGLD NCANCTYCVSCSDCADCASSKGCANCANCTNCINCRNCAN NCANCTYCVSCSDCADCASSKGCANCANCTNCINCRNCAN NCANCTYCVSCSDCADCASSKGCANCANCTNCINCRNCAN D DN $\square$ CS D DN $\square C S D D K T C S D D N D C S D D N \square C S D D K \square C S D D K \square$ NCKNCDNCRDCQRCTNCPNCLSCEDCSDCKNLRNCSNCAN NCKNCDNCRDCQRCTNCPNCLSCEDCSDCKNLRNCSNCAN NGGTCNNSYTC HCYTGQHCTGSNHCASS_PCQNGAQ SCTQSKRCVTCERVSYCEDCRDCKHSRYDTLCVGCTNCDH PGLICATSGLCDDSKGYEGGQCDDNNRCHRGNRCDSDQN
 DNKLCDDNKLCGDNKLCDDNKLCDDNKLCGDNKLCDDNKL PSSQCTPSSQCTPSSQCTPSQCTPSSQCTP NSVNVRTSATTTNSVNVRTSATTTNSVNVRTSATTTNSVN

UniRef90_T1EP77
UniRef90-T1EP77
UniRef90-T1L670
UniRef90-T1L670
UniRef90-T1L670
UniRef90 COH545
UniRef90-T1KV82
UniRef90-T1KV82
UniRef90 ${ }^{-}$K1PRR7 UniRef90-A6GDE5 UniRef90_D0LVS8
UniRef90-T1KV70
UniRef90 Q8IHS
UniRef90_W4J1N9
UniRef90_UPIO0042AE48C
UniRef90-A7A2D6
lupas_21
lupas_14
lupas_28
jnet
conf
sol25
sol5
sol0
jhmm
jpssm
$C$
$C$
$C$
$C$
$C$
$C$
$C$

C
C

