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A F E

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H G S H H WA F E R L L L S S V A L V $\operatorname{Cl}$ UniRef90 H3BY71 UniRef90-N1JIS1 UniRef90-T5AB72 UniRef90-K1WLA9 UniRef90-R7YZLO UniRef90-W3WN20 UniRef90-U4L5FO UniRef90-D21H00
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L
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$V S L A Y W G G G V I R Y A D E R K Y P K V L Q L L W K A C L F G F A G G$

| QUERY | LC Y FN Y Y DV ${ }^{90}$ ПCKAVA MLWW $\frac{100}{1}$ |
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| UniRef90-R7YZL0 | LYEFETNDVGVTEAVRRI WK |
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| UniRef90-D8PPS1 | VYQFNTNDI GLTELI AKVW |
| UniRef90-M7XF32 | VYQFETNDIGITELI KRAWK |
| UniRef90-U7PMM3 | LYEFETNDVGVTELVSKLW |
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| UniRef90-G1XDX8 |  |
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 LVLHSHVGFQASL LTMHDHWGDHGVVYDYVIGEAAAKAAHVGVYVITGLLLGA LTLHGHWGVGQVVTDYVHGDLKIKLAKSVLFVTSMVTFAG LLI HTQMGLTSC1VVDY1PKRKFGLWHNLAMYSGTAVGLYG LLIHVQLGLTSC:IDY:PKRKFGNLAMYSLYAGTAVGLYG LESLYGPWGLGQAVTDCVHEDAPQEAAKAGLLALWAGTVAG
 LLAHCHTGIK SCIIDYVPERVYGVWHKDASRVLTGGSCVG VMHQYWGLEALVTDYVRGAAVPKIAHGLLLVVSAATGGG I PMHCYFGFESMVIDYFPKHRFHSLAMWSLRLFTALTMYG LGFHCFAGFQSCIIDYMPKRVYGAYHTYCMWLDTAFAGYG LLLHVHWGVWGVVNDYVLGDTLAAAVRVGAYI FTACLLAGG
 LLVHSHRGFGAC:ADY:PARTYGSLHNYAMYYLSFGGLVG VVVHCGLEELESSIEDYVPRRLYGNWHNWMLYAGSLVSFYG LLFHCHSGFKSCIDDY1PRRVYGVWHGLASKLLTAVGLYG L LLLHSHWGLGQVITDYVHGKATGGAARVGLASLSAVTFAG CLVHCHMGFKSCIIDYIPKRVYGVWHTYASRLLSLGTLYG IVLVHSHIGFDAMIVDYFPARRVPKTKKALGWVLRVATVAG LLYHCYVGFQSCIIDYMPKRVYGAYHNYAMYLLTFGSGVGG LLGYCYMELHSCITDYVSARVYGKFHNYALYLLSVFSLFG LLGYCYMEFNSCITDYISERVYGVWHKYAMYMLSAVSLFG IVMHTHFGLEADVVDYVRGNLIPKISHGLLYYFSDVTLAG FLDYTQYGFTSLI DDHLPKEKYGRWHKAAVYFLSALSLYG LIAHTHMGFTSCI DDYVHERKFGALGHAARWLLRVATVGG LVAHVYTGFQSCIDDYVSARVYGKNHGRAMFLLSVFSFIG L ALGYSYMEFHSCIVDYVQTRQYGKYHNYALYLLLGAGTLAG VVGHQQTGLSSVVTDYVRTDFLRKTVQGATMALSAATLAG VLGHGFWGVDGVLTDYLEKFVPWLHYPWYLLTIAGLAGL
 LLYHCYAGFQSCDIDYUPKRVYGSFHNYAMYLLTFGTGYG LLGYYYMEFHSCITDYMSSRVYGKIHNYAMYLLGAGTFVG俍 IVLHVHWGDAGVVSDYVIGDTLARVARASVYAITVILLAS II LIHSYLGNTSCIIDYIPRRKFGKAAKFALALGSSTSLYG VPVHSHIGLNNAVSDYVPKNFQKLVRTGVLGVSVVTFLG LVAHGHLGLSVIITDYVPGAKLLRVIRKTVGGLSMGTLVG LLLHTHMGFGQVI VDYi DKRKYPKMGPMCKWlLR LLAHCYVGLQSCIIDYI PARVYGKNHNYAMYLLLSVFSAVG
 MLGHCY
 GLGQVVTDYVHGDAK LLFHSRAGFQSCITDYMPKRVYGVWHKGLLNLGSWVSDYG LLYHCYVGFESCI DDYIPDRVYGIWHK LVVGCHIGFQSCII DYVSKRVYGRIHNYFMYLLTVGTLVG LLWHCKAGFESCIIDYIPDRVYGDWHKGLLSAGTWLALYG MPLHTYMGMDCVFTDYVHGAMTKPLAKFLNAVVHVGALGG LLFHVHYGLTSCIIDYMPKRKFGKLAMYSLYTGTAVGLYG LDF HVHMAMLIVFI DYFPSRANPLLCKAMTYTLSTAVMLG L LGHCHDGFQSCI D VVSERVYGKVHHYAMYLLSGGEVG LLYHCYAGFQSCI DDYIPRRVYGPLHNYAMYLLTFGTGVG PFHNHWGMHNVLKDYSHHPKLPKDANDTWLVLSFGQLAG
 VMLHTHWRLSGVVGDYIHGPIMPKICKPAVLVVSICALGG
 LPLHTHWGIASVVVDYVPKS IGMVTKVFLSTLTLLTVGG



| UniRef90 W9CU86 | $\text { Y EFETND ViG VT E G }{ }^{90} \mathrm{~K} R \prod \mathrm{~W}^{100}$ |
| :---: | :---: |
| UniRef90-M7BHM3 | L C Y F N Y H DVVGI C K A VA M L WS L |
| UniRef90-12H2J3 | 1 Y ELLETNGNGFVELLK S I I WK |
| UniRef90_Q5BEY4 | L Y ELE T N DVGLTETI K R V WK |
| UniRef90_J7RH00 | VYQ C T N DI GLT ELI A K V W |
| UniRef90_O62215 | L L H F N T N DVGIIT K A F E L V F S L |
| UniRef90_C1BJ85 | L C Y F N Y N DVGL C R AVALL W W L |
| UniRef90_K2S6X5 | $V Y E F E T N D V G I T E A V K R V W T$ |
| UniRef90_Q752Q0 | $V Y$ TLETES NGLMDLI GRMW |
| UniRef90_G8JMH6 | I Y ELE E T N S GI T GL L T GLLW |
| UniRef90-B9WI70 | I Y I L E T T S N GL F DL V S S L WS |
| UniRef90_UPI0003F15D03 | $V$ CYCRY H DVGI CKAVVA ML CNL |
| UniRef90_G3AST8 | 1 Y VME T A N N GL F ELL S Nil W |
| UniRef90_G8Y012 | L Y V L E T T S NGI F ELI R S L W |
| UniRef90-W4Y0G0 | LCYFNYNDVGLTK AVMMLWS |
| UniRef90-Q16SP7 |  |
| UniRef90-F4NSM1 | CY LI NT T DVGLT A L A K R L WT |
| UniRef90_G3AFI2 | $Y \mathrm{E} \\| \mathrm{E}$ K K E G G I S NVVS K L W $\mathrm{W}^{\text {V }}$ |
| UniRef90_P92507 | L L Y F NEHDVGLLTRAFEMVWEL |
| UniRef90-C4XXG3 | 1 YVLETTENGLFDLVSRVW |
| UniRef90_Q08749 | 1 Y ELE ETKNNGFVDLVKKLWN |
| UniRef90-H8X8W6 | 1 Y VL E T A N N G L FEELI K S I WA V |
| UniRef90_W6MPN9 | 1 Y EI E S R E E GL I G I I K K L W T |
| UniRef90-I2H7N6 | 1 Y QFEK N DVGFSK T I K A L F T |
| UniRef90-UPI00021A7A59 | LFVLI N N GPGVSRAVK D A WA I |
| UniRef90-A5DB49 | I Y V L E T A N N G L F DLVK S V W |
| UniRef90_UPI0002740E26 | FCYFGHHDVGICKAVAMLCK |
| UniRef90-Q6CGZ0 | LYKDETEDVGLT G T I K K I WN |
| UniRef90_S4RX37 |  |
| UniRef90-A7TMU2 | 1 Y T L E T D N N G I F D L I K K |
| UniRef90_G3BAB3 | I Y LL E T T Q N GVVFTIL A S 1 |
| UniRef90_C4Y5Z3 | 1 Y EI E K E E G G I T GIVVSKV F |
| UniRef90_L8FV54 | L Y EFETND $\quad$ GVVTEAI K K I WT |
| UniRef90_G3AX70 | 1 Y E LE K K E G GV T T II S K L WK |
| UniRef90_H6BTJ1 | FYEFETNDVGVTEAI K R I W |
| UniRef90_J7R026 | ITYKLETENDGVTGGVKK W W W |
| UniRef90-P37298 | 1 Y K L E T E N D GVVGLVKKS L W |
| UniRef90-E0VV75 | L L NLDFNDCGLSNAILTVWK |
| UniRef90_G0VB36 |  |
| UniRef90_J4U7P9 |  |
| UniRef90_S6E1I4 |  |
| UniRef90_L5KMZ2 | L CYFNYHDVGICCKAVA ML WK L |
| UniRef90-M5E8B9 | L F EQT T NDI GLLT ELVA K L W |
| UniRef90_Q6FU68 | I Y N L E T Q K G G F K GLV K S L W |
| UniRef90-A0A023EH75 | L L Y L T F A D I G IT E TVVR RI WA V |
| UniRef90-K1QRG7 | 1 Y F N Y N DVGVVCEA I K M V WKL |
| UniRef90-C1BUX9 | LFYFNYTDI GFVVNAMKMI WML |
| UniRef90-H2ATU1 |  |
| UniRef90-A5DVY6 | I Y Q M E K K D G GL DDVCA S L WK |
| UniRef90_W2RQS3 | FYEFETNDVGL AEMIKRVW |
| UniRef90-H2ARA3 |  |
| UniRef90_UPI0004561A1F | LYE I NTNDVGLSEFVARVWT |
| UniRef90-F9X9V6 | WYEFETNDI GLT A Gl A R V W |
| UniRef90_Q8WSR2 | LLHFNNS DVGLTTKAFEMVWSL |
| UniRef90-B3RU98 | L A Y F N Y S DVGGI CKAVEMLWQM |
| UniRef90_W0TDY6 | 1 Y VLE TENNGLDDLI T A L W |
| UniRef90-A0A024TJC8 | L I TLL V T G A G V T E TVVK S L W |
| UniRef90_A0A024JLF1 | 1 YKMETED\GLASAI SAl WS |
| UniRef90_B0WAQ9 | L L Y L T F A DI GI A N T I R GI W A V |
| UniRef90-M2NIM5 | Y Y E F T NDVGLT E Gl K R I W |
| UniRef90-A8Q0E5 |  |
| UniRef90-W0TGF8 |  |
| UniRef90_UPI00034FED5D | LF Y L N F N D $\square$ GV S R A FWRI WK |
| UniRef90_Q750S6 | I YKMESEGYGI C GAVA AVWS |
| UniRef90-A0A034VUA1 | L F Y I I Q N DVGI A N S I K Q I WKI |
| UniRef90-T1JMF3 | LCYFNY T DVGI GQA I RMFWKL |
| UniRef90_C5DSL1 | $V Y$ QLETENNGIVDLI R R L W T |
| UniRef90_G8ZXG8 | I Y KLLE T E E NGI I GVL S R L WT |
| UniRef90-UPI000440C1DE | L CYFNYHDVGI CKAVALL W S |
| UniRef90-W6MIN5 | 1 Y L LE T E G N GLF NLVNQIW |
| UniRef90-W1QK13 |  |
| UniRef90-H2AZ55 | $\square \mathrm{Y}$ K $\ \mathrm{E}$ VE D G G $\dagger$ S T V VK Q FW |
| UniRef90_W1QDB5 | L Y VVETE Q N G L C N I I Y S L W |
| UniRef90-F2U1N4 | L LYFNA H DVGI S E GL K TV WA L |
| UniRef90-S6EEZ4 | 1 Y QMEVEN NGLVDLVGRLWT |
| UniRef90_Q6FYA4 | 1 Y ELLETSNNGVVDLVRKLWS |
| UniRef90_S2IZP9 | CALFNYRD IGII TEFI QRLWA |
| UniRef90-J6EHP8 | $\square \mathrm{Y}$ KLE S Q G V G L V G S L K S L W |
| UniRef90_V4AIY4 | LVNFNYNDVGI CKAVSMLWSL |
| UniRef90-A3LXI3 | L Y Q $\square$ E S K E D GVA G II S K V WK |
| UniRef90-A7RR14 | LCY F N Y N DVGI CKAVS ML WD I |
| UniRef90-W2TY15 | MFS F R A H R I I T K |
| UniRef90-R7TLQ8 | LLYFNYTD GFANAVRMDY T |
| UniRef90-T1KST7 | L F Y F NY T DVGGVVQGI R M TMK M |
| UniRef90_G8JTB3 | 1 Y K M V S E D Y GLV GLTK S L WK |
| UniRef90_I1FPT4 | LVY LTY T DVGV CNAVR MLWTI |
| UniRef90-A5DMG8 | 1 Y QLE QKE G GVTT T L V S K I W |
| UniRef90_N1PX51 | YYEFETNDVGLT A GI A RII W |
| UniRef90-G8YKK3 | LYVIENKE G G L T K Vi S K V WK |
| UniRef90_Q6BHT6 | 1 Y Q $\mathrm{I}_{\text {E T K E G G l S T I L S K L WK }}$ |
| UniRef90-F6R1B8 | L C CFS Y H DVGTRRLLEWL WKL |
| UniRef90 ${ }^{-}$C4R2A6 |  |


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$\mathrm{V}^{40}$
 S S H WK F ERVVVA IGLLVAIP TAAVVYPDAVDMAL A L L
 YHFT S V GLL LAVTPCAFALSPSTLDWAMS L L H WRTER V V S A L MGLFPA SVLYS S Q VVDTLLA GS S K A A S L H WT GERVVSVLLLGLLPAAYLNPSTAMDYSLAAV HGSYHWTFERLIAAGLVPLTIAPFGSLNPVMDSILAAG


T R A VS A H WVVE R L V S I S L L T L I P L A L VTE Y K L CDV LMAVA H WU N E R Y A A V A L L P L I P A A L I Y P N Y V L D TL L T T A
$\qquad$ WTS E R VVVSV L L L G L L P A A Y L N P C S A M D Y S L A A A WVFEKIASAALPIVIPAALMMENSILDGLMSVL
 S K A A S L H WT SERVVSV LLL GL L PAA YL NPCSAMDYS LAAA STTAS DHWDLEKI ASAAL PVI I PVAALTMENVICDGLMS L L WKLE R I V S A A F V P P L P L C L M L D D N PV L D GLL L A V L G S R H WT F E R A V GSAHWTVDRLSAVGIALLMDPGYFVLPSAAVDSILAGL


WII E K G T A A VM L VLIP F G L L IP N K L F D S I LT I L
H G S Y H WL YERS DAVAL L PL S DY S I F TA Y P M DDVT T GL S A A A S LY WTS K R VGRVVLLGGIL QAA CLDNLCSAMA YS LAAA $\checkmark$ V A A VA T S P S A LD IV L G $\square A$

 S KAASLDHWTSERVVSVLLLGLLDAA YLVPCSAMDYSLAAA $A \square D V A L G A A$

 T RAASAHWVI ERIVSASFLALIPAALLLENKFI DIVLAAA




 HGSYHWGFEKI I SMSVLLPLVTLPLIDSLSVTTDVL L A S A $S \square G L V T L P D \square S \square M L P T S V T D S F L A B A$ WK A ER $\quad$ L $\quad$ A A S MLLA



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| :---: | :---: |
| UniRef90_K8E9Y6 | L PVVMS H $\square G L N F V I S D Y V P K S A R D P$ A R ASVLGVVTVATLYG |
|  | VVLHTHWRLS GVVGDYV H GP |
| UniRef90_E9C5K2 |  |
| UniRef90-W4GD77 | VPVHSH $\square$ GI NNVVSDYVPKN FKTLARAGVLGASIVTFDG |
| UniRef90-G6DDI9 |  |
| UniRef90-FOWYT9 | I PV PAHDGMNNVISDYIPKPQQPVI RLAWLGAAGLMCLG |
| UniRef90-J9LCG6 | \|I SLHVY WGLEALVVDYLRVPVVGQLAN |
| UniRef90-UPI0003EC0D20 | LSLHSHWGLGQVVTD |
| UniRef90-B6QBJO | L VLHSH $\square$ GFQYV F A |
| UniRef90-E2ACR3 | VMHTHWGLEAI VID Y VRPAVVGP |
| UniRef90-T2MIS9 | $\triangle \mathrm{L}$ L S Y WGVKAILVDYFWRPGLP VAKATWMLACFFTCGG |
| UniRef90-W5JWX | M HQ WWGLEAIVTDYVRGTTVPKLAHGLLLLVSAATLGG |
| UniRef90-A0A026WD69 | VIMHTHWGLEAIILDDYVVGPIVPKVAFFTLYLLSAATLAG |
| UniRef90_T1FYG3 |  |
| UniRef90-O14521-4 | LTLH GHWCNGA ILARHDLGSARSQLTATSAFRVQA |
| UniRef90_UPI000258F0EC |  |
| UniRef90-G4YXS4 | LPVHAHDGMNNVI SDYVPKSVRM LIARLGWLGATSLMFLG |
| UniRef90-A5E3A8 | TLFHCHAGFKSCIID Y I P K RVYNAWY GVATKLLT F GTMYG |
| UniRef90-E9PK73 | LTL H G ALDKLLLTMFMGMPCRKLPRQGFW |
| UniRef90-H9KGE3 | IVIHMHWGLEAI I TD Y VVGPLLPKLLHLSLIFLSADTLCG |
| UniRef90-K7J959 | SVVIHVHWGLEAII L D Y VVGPIVPKVCFVALYLVSALLTLAG |
| UniRef90-I2JQN7 | YAGWESCI I D Y I PR |
| UniRef90-D8M114 |  |
| UniRef90-A0A058ZC16 |  |
| UniRef90-C1E | SH $\square$ GLNFVI SDYVPK AVAPATRAGLLGVTCLTLAG |
| UniRef90-J7S859 | CHYGFKSLI LE Y L P T AKFPRTHRWGLYLASLLSMCG |
| UniRef90-T0Q715 |  |
| UniRef90-W7TCL8 | PV HGHIG $\square$ NYI I S D Y VP RASRPLARYVLLGATTVTVLG |
| UniRef90-K3WYC4 | PIHTHI GMNVVISDYVP QQVRTLARVGWL GVTGVLLLG |
| UniRef90-A9UYL4 | HNYLGMDAIITDYV A H S L K G V K GLNFVGHVATIGG |
| UniRef90-G6CT72 | AHSYWGMEAIMVEYVRGPTIPKVAMGVVYALTVLMMGG |
| UniRef90_G8BXF2 |  |
| UniRef90-UPI00034FB053 | HYSHCGLGQVVTVFMHGR |
| UniRef90_D7FTY7 | MPLHAH $\square$ GMNYVI S DYVPKSARGG ARGAMLAASVLATLG |
| UniRef90-J3JVN4 |  |
| UniRef90-A0A059LR85 | L PLH G H F ALS YVVSD Y VPK G L Q LPARVGVLGLSVVTAA G |
| UniRef90-F4W697 | VI H THWGLEA IAALD YVVGTLVPKLVFLMLNILSVTTLAG |
| UniRef90_H0YD96 |  |
| UniRef90-A4S1G3 | PVHSHDAMNF I S D YVPKGARGP TRAATLALTAATAVG |
| UniRef90-A0A024J8N7 | FESCIID Y P P RVY GPFHNLDALYALYAGTLI G |
| UniRef90-G0WAW2 | GFTS CI I EYLPKEKFHRWHNAALYS FSSLLSLYG |
| UniRef90-E9GWY0 | FTLHAHWGLETIVVDYVVGPADAKLGVAVVYGISVFTLGG |
| UniRef90-UPI0003596689 | YLHGFWGI DGVLKDYLVKFVPWVGKVWYFLA IVGFAGL |
| UniRef90_E9J8L3 | T HWGL |
| UniRef90-A7TLI2 | AMSHFFLEFQSCI T D Y VQKRVYGK $\square$ Q C Y A M |
| UniRef90_Q013H0 |  |
| UniRef90-Q54YN1 | LPA A LY L GMEAVINDYI YRPADRTTSKILVGGAAIIVCAG |
| UniRef90-L7M3R9 |  |
| UniRef90-LOCRD8 | TAHSFWGLEAI AVV Y V RASVIPKIA I GLVYLISIATLGG |
| UniRef90-K0KK34 |  |
| UniRef90-B4JT95 |  |
| UniRef90-G8BRM1 | GMFAFMVEFQSCI TD YVQKRVYGNINKYAMYLLSVLSILGG |
| UniRef90-E1ZST7 |  |
| UniRef90-F4PJL6 | PAHYYLGMNSVVNDYI Y SKFPKLLSKAFVLISSAVITFGG |
| UniRef90-A0A023FMM1 | ATVHMHWGTETIVVDYVRGSVIPKIAVGGVYALSIAALTG |
| UniRef90-I4DRK4 | TAHSFWGLEAI AVDYVRAPII PKIAI ALVYLLSIA TL G G |
| UniRef90-D6WTA5 | SVIHFHWGLEAVVVDYVVGNILPKLALGLLYLISATTLGG |
| UniRef90_B7G228 | $\square$ ISAHSW】GLNYVATDYVPKRALQGPARIVNAGMA】IT FVGG |

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| UniRef90_K8E9Y6 | $\text { L F QLLIN MY GEGGVJS K T AK R\|L }{ }^{90}{ }^{100}$ |
| :---: | :---: |
| UniRef90-R7U338 | LLYF NYTDIGGFANAVRMIY |
| UniRef90-E9C5K2 |  |
| UniRef90-W4GD77 | LITLLNVT GAGVTETVKSLW |
| UniRef90-G6DDI9 | LFYI I THD\GI ANSI R Q F WS V |
| UniRef90_FOWYT9 | L I RLNVEGPGIT E T I K T F W |
| UniRef90-J9LCG6 |  |
| UniRef90_UPIO003EC0D20 |  |
| UniRef90-B6QBJ0 |  |
| UniRef90-E2ACR3 |  |
| UniRef90-T2MIS9 |  |
| UniRef90-W5JWX3 | LFYFNYNDVGIA GCVTRIWA |
| UniRef90-A0A026WD69 | LLVLVYNGPGISKVIKQGWA |
| UniRef90-T1FYG3 | ICYFNYTD $\mathrm{C}_{\text {GFANAARLLY } \mathrm{C}}$ |
| UniRef90-O14521-4 |  |
| UniRef90-UPI000258F0EC | LFFVLINDGPGVS R A $\$ K D F WA \\ \hline UniRef90-G4YXS4 & L L RVVNVE GP GI T EVVK TVW \\ \hline UniRef90-A5E3A8 & IYVMETTS S GLF DVVKSLW \\ \hline UniRef90_E9PK73 & \\ \hline UniRef90-K7J959 & $L \mathrm{LVLV}$ Y NGPGUSKVIKQGWS |
| UniRef90_I2JQN7 |  |
| UniRef90-D8M114 |  |
| UniRef90_A0A058ZC16 | MTHLNSRD ${ }_{\text {L }}$ GVTATLRELWSV |
| UniRef90_C1E3X1 | LLKL NVQGEGVTKTAKRLWT |
| UniRef90-J7S859 | $V Y$ QLETENNGVEDLIA R L WN |
| UniRef90_T0Q715 | L MVVNVN GVGI T E SVK T I W |
| UniRef90-W7TCL8 | LLKL NL S GPGLTETYK S L W |
| UniRef90-K3WYC4 | FL RVNIE G D GI T E T I K T V W |
| UniRef90_A9UYL4 | LIY FNMNDVGUCEGI K M L WS |
| UniRef90_G6CT72 | L F Y L T F NDI GMCRAFWRIW |
| UniRef90-G8BXF2 | LYDLHTNNNGFTNLIKK |
| UniRef90_UPI00034F |  |
| UniRef90-J3JVN4 |  |
| UniRef90-A0A059LR85 | LMKLLAL |
| UniRef90-F4W697 | LFVLIYNGPGLTKTIKNGWA |
| UniRef90_H0YD96 |  |
| UniRef90_A4S1G3 | LF KLINTQGDGIT R TVK S L WK |
| UniRef90-A0A024J8N7 | L Y Qi E T K D I Gi A A TVGKI W |
| UniRef90_G0WAW2 | 1 Y QLE TENNGLIDLI S KL W |
| UniRef90_E9GWY0 | LFYFNYSDVGIVNAIKMFWKL |
| UniRef90-UPI0003596689 | VNFNFNDVGVCKAlQMFWAL |
| UniRef90_E9J8L3 |  |
| UniRef90_A7TLI2 |  |
| UniRef90-Q013H0 | LFRLLNAQGEGTT R T A K S LTW |
| UniRef90-Q54YN1 | L 1 TLS LR D Gl GSVVSAL WK |
| UniRef90_L7M3R9 | L L Y N N T DVGII VKAI Q M L WT |
| UniRef90_LoCRD8 | LF YVIT H DI GI ANSI K Q F WAl |
| UniRef90-K0KK34 | GIYYL EKDVGLT GLI A K $\mathrm{L}^{\text {L }}$ WT |
| UniRef90-B4JT95 | L F Y Yik |
| UniRef90_G8BRM1 | 1 Y NL |
| UniRef90_E1ZST7 |  |
| UniRef90-F4PJL6 | FIVI AKGAGFGYSVRQLW |
| UniRef90-A0A023FMM1 | LLYFNFTDVGLVKAI QLL WT |
| UniRef90_14DRK4 | LFY\\|ISHDVGI GRAVRQLWAV |
| UniRef90_D6WTA5 | L I Y F N I NDI GI GKTI R K F WA |
| UniRef90_B7G228 | $L A R \square A T S S P G \\| K G A V K G L W N$ |

[^1]


[^0]:    lupas 21
    lupas_14
    lupas_28
    jnet
    conf
    sol5
    jhmm
    jpssm

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

