QUERY

## UniRef90_W7HTD1 UniRef90-A0AO24JQE6

 UniRef90_X8JEH6 UniRef90_UPIO003F496C0 UniRef90-14YCG2 UniRef90_UPIO00455CEBA UniRef90-B0WII4 UniRef90_Q4PAN2 UniRef90 - $44 \mathrm{HSU4} 4$ UniRef90_G4T661 UniRef90-U9Y9E3UniRef90-V4AIK3 UniRef90-V4AIK3

UniRef90-V5IA93 UniRef90-U5H7F6 UniRef90_S8AML6 UniRef90_UPI0003FOD8E1 UniRef90-M7WWW1 UniRef90-E9HTS3 UniRef90-M1W510 UniRef90-F7W5S4 | UniRef90-I1G2Z2 |
| :--- |
| UniRef90-B3SBY | UniRef90-H2XP92 UniRef90-R7V940 UniRef90-F4S7B0

UniRef90 J4UNC7 UniRef90-G7E1N4 UniRef90-T1KUB6 UniRef90_V4SXQ5
UniRef90 K1VD15 UniRef90_UPIo002653D1F UniRef90- B4J261 UniRef90-D3AYD3 UniRef90-T1FN37 UniRef90_A7TQ78 UniRef90-U4LPN2
UniRef90
W9C8Y3 UniRef90-UPI00032A646E UniRef90-S8C8F3 UniRef90 F6GWC1 UniRef90 W6MGJo UniRef90-M4CB71 UniRef90-D8PKBO UniRef90-E5R1C7 UniRef90-E5SH42 UniRef90-K7J7L4 UniRef90 O6C148 UniRef90_B9SHU4
UniRef90-R7YQH1 UniRef90-M5WZN4 UniRef90_UHUA7 UniRef90-L8G861 UniRef90-COHE93 UniRef90-T2M6U7
UniRef90 UniRef90-G8ZQ29 UniRef90_K2S172 UniRef90-D8TEQ5 UniRef90-V2XWJ4 UniRef90-GOVDA8 UniRet90_K7GY72 UniRet90_G8JN65 UniRet90-Q6FS29 UniRef90-N1QN75 UniRef90-S6E176 UniRef90-F6GV51 UniRef90-B5YNX5
UniRef90
I2HOO9 UniRef90-E9CEN3 UniRef90-M4E3T6 UniRef90-C1BNZ2
UniRef90 UniRet90-G8C1L6 UniRef90-M7NMCO UniRef90_11FU7 UniRef90-J7RAK5
UniRef90_H2B056 UniRef90-A9TJ74 UniRet90_H3ECX3 UniRef90 W9QCK8 UniRef90-AOAO16SE28 UniRef90-11GLT9 UniRef90-MOSI59 UniRef90_W6U800

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30 TVVHNQLYELVTDDMAIEDTIYVLGKALDKERITVIV
 A 1 $\square \mathrm{S}$ I $S \square$
$A P$
$S \quad 1$ VHNQLIDLVAEDNAI EDTIYHLTRALDAERIDLDRFL
 A PLYKQLLNAYAEEAAI EDAVYFMGEALRSGVI DLEVFL STVGNQLVDLVAEDNALEDTLYHLGRALNAERLDLERF
 TOLYRQLGNSFSEEQALEDTDYYLGEALRKDVI DGEVEM APLYKQLLNAFAEEAALE TVVGKQYDLVADEEGLQHALYALQSALVRGVI GVDSWS TVVYTQLEDLVAEDAALEDTVYALGRGLNSGTIGDLDEF TVVANQLYTLVAEERALGDVIF FLGRAVERGRISPAVFA PVGNQLYELYAEERALADA: FMLGRAVERGRIAPGTHA

 SVVHNQLLDLVAEDAALEDTIYQLGRALNSDQI DLDQFT LI DLVAEDNALSDTI APLYKQLLNLFAEEMTIE SALYKQULAAFAEEQSI


UniRef90_K3W4Y0 UniRef90-A0A059D226 UniRef90-V9DWH8 UniRef90-Q6CS18
UniRef90 K7GVU7 UniRef90-A0A022S1A0 UniRef90-V4TA73 UniRef90 B2WIB9 UniRef90_IOZ3J2 UniRef90-TOQDE1 UniRef90_C5E3B8 UniRef90 H3GRU5 UniRef90-C4R3M9 UniRef90-W1QEX8 UniRef90_F4P9F9 UniRef90-A9V9P6 UniRef90_E3KWF8 UniRef90-W2S6U5
UniRef90-A8IU80 UniRef90-J3QRU6 UniRef90-D8LU49 UniRef90_L1IJT2 UniRef90-F2TZL4 UniRef90_H2KP02
UniRef90 E4XLR9 UniRef90_L8GRT0 UniRef90_UPI00042B13BE UniRef90-A0A058ZEX7 UniRef90_F2DLG5 UniRef90 X6MI49 UniRef90-M2MQX5
UniRef90- FOWDT7 UniRef90-FOWDT7 UniRef90_UP10000EE37D7 UniRef90_M4FRR8 UniRef90-12JZ69 UniRef90_K4CUK3 UniRef90_G1X8K1 UniRef90_QOTWM8
UniRef90_M0SP04 UniRef90-K1RAV3 UniRef90-B7GBA3 UniRef90 Q01DC3 UniRef90-E1ZQP4 UniRet90-W1P3D6 UniRef90-C1E1D0 UniRef90-M4DKR6 UniRef90-KOTAL1 UniRef90-I1FNQ9 UniRef90 C1MJQ9 UniRef90-L8HE30 UniRef90-Q9HFG3 UniRef90_W4KJK5 UniRef90_W6LGK1
UniRef90_R7QCH3 UniRef90-M2WWG6 UniRef90_C5M117 UniRef90-S9U7J9 UniRef90_D7LCC3 UniRef90-F4ITY4 UniRef90-K4E3H4 UniRef90-S9VIJO UniRef90-M2VY38 UniRef90-A4HK80 UniRef90-R4XD82 UniRef90 K3ZEI2 UniRef90-X2GDH1 UniRef90-B7G481 UniRef90-DOA9X4 UniRef90_U6Q0V4 UniRef90-Q24HU3 UniRef90_UPI0001A61ECE UniRef90-W4YY50 UniRef90-J3Q1H7 UniRef90_B9GS81 UniRef90_B6JZE4 UniRef90_S9X079
UniRef90 A5BKV4 UniRef90_Q7Z992

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| UniRef90_K3W4Y0 | $K E V \operatorname{RK} \operatorname{L} \operatorname{RK}{ }^{50} \mathrm{FMCQAL}, \mathrm{Q} \text { K }{ }^{60} \mathrm{NE}$ |
| :---: | :---: |
| UniRef90_A0A059D226 | R QV R HLA REQFFHRDTVVKI |
| UniRef90_V9DWH8 | K EVRKL S R K Q F M CLALLVQKI H A |
| UniRef90_Q6CS18 | RKTRELS FEQFK T RYLI SKINDLL |
| UniRef90_K7GVU7 | GHVRAVSREQF\HRATIQ |
| UniRef90_A0A022S1A0 | K QVRVLAREQFLCRAKI L K I K K L L |
| UniRef90_V4TA73 | $R Q \vee R \\| L A R E Q F F H R D L L V K L$ |
| UniRef90_B2WIB9 | $K Q T R S L A R E Q F$ |
| UniRef90_I0Z3J2 | $K Q \nabla R A L C G K Q F M V R A L G R K V A N R$ |
| UniRef90_T0QDE1 | K EVRKMARKQFMCVAL M Q K V H D |
| UniRef90_C5E3B8 | K K TR S L G R D Q F L A RVVHIN KII |
| UniRef90_H3GRU5 | KEVRKLARKQFMCSALVQKI HA |
| UniRef90_C4R3M9 | K Y TR QL S R E K F MVIAAL TK K I DT S I |
| UniRef90_W1QEX8 |  |
| UniRef90_F4P9F9 | K HVR S L A REQFMKRALLLKKV |
| UniRef90_A9V9P6 | K NLKRTAERQFMVRATI NKI R A |
| UniRef90_E3KWF8 | K RVRILGHEQFLI R V T I N Q I CHRLL |
| UniRef90_W2S6U5 | $R K T R E L A R D G F R R R W V A R K V G R G M$ |
| UniRef90_A8IU80 | $K Q V R S L C R R Q F F A R A L G L K V A A$ |
| UniRef90-J3QRU6 | K HVRLLSRKQFQLRALMQK |
| UniRef90_D8LU49 | REI R R L A RKQ FVARATMKKVER |
| UniRef90_L1IJT2 | K IV HKL SREQFFQKELINKILAR |
| UniRef90_F2TZL4 | K NVK QLA K E Q F R I R SLI K K |
| UniRef90_H2KP02 | E R I R R L S K D Q F EL R S TV |
| UniRef90_E4XLR9 | $R T V R Q L S R T Q F E H K T \square V \square K A R K R A N$ |
| UniRef90_L8GRT0 | K HVR QLSREQFMVRAKL NKARQ |
| UniRef90_UPI00042B13BE | $K Q \vee R S L A R E Q F F L R A S E M K L N$ |
| UniRef90_A0A058ZEX7 | KCVRTLAREQFLNHVLLRQVHQQMA |
| UniRef90_F2DLG5 | R SVVRALAREQFFQRALLWSKL C |
| UniRef90-X6MI49 | $K Q L R K L S R D Q F M K R A L A K K V ~$ |
| UniRef90_M2MQX5 | R QMRAL GREVFARMVLARRKCARGL |
| UniRef90_F0WDT7 | $K$ Q VR K L S T K Q Y LS LALLA Q K L A Q |
| UniRef90_UPI0000EE37D7 | KSTEDWS EQ |
| UniRef90-M4FRR8 | K T T R S LA R E WY LK K A LVR K I G R M |
| UniRef90-12JZ69 | QVARRLA R E Q CLCKQ HINKL S D |
| UniRef90_K4CUK3 | K QVR LLA K E Q Y F G R A K L E K M G $\square$ S L |
| UniRef90-G1X8K1 |  |
| UniRef90_Q0TWM8 | K F L L K A L V K K】A K G M A |
| UniRef90_M0SP04 | K Q VR C L A R E Q F F H R A MVA K $\$ Q R S  \hline UniRef90 K1RAV3 & K l T  \hline UniRef90_B7GBA3 & K QVR K L A K K Q F L VR A H L I K $\square$ N QVL |
| UniRef90_Q01DC3 | $R Q \vee N K L C K A Q F \\| A R A$ |
| UniRef90_E1ZQP4 |  |
| UniRef90-W1P3D6 | K NVRALSKEQFFHRDMQVKV |
| UniRef90_V4LPT5 | $R Q V R V L A R E Q F F C R F V L C K$ |
| UniRef90_C1E1D0 | ELI R EL S K E Q F F A R A T |
| UniRef90-M4DKR6 | $K H \vee R V L A R E Q F F S R H H$ |
| UniRef90-K0TAL1 | K EVR R L G K R Q F M A K A H L I K $\square \mathrm{GQ}$ |
| UniRef90-I1FNQ9 | K Q |
| UniRef90 L8X7U9 |  |
| UniRef90_C1MJQ9 | R LT R T LAK E Q F F A R A |
| UniRef90_L8HE30 | K H $\square$ P P L E LE Q F Q K R A L A M R V V E |
| UniRef90_Q9HFG3 | R Q GRELA R |
| UniRef90_W4KJK5 |  |
| UniRef90_W6LGK1 | $K L I T D L G R E Q F F A R F V Y Q K \ Q P Q L T$ |
| UniRef90_R7QCH3 | RVVRSIA REQFFERLKMARILRKRL |
| UniRef90_M2WWG6 |  |
| UniRef90_C5M117 | REIIRTTSRKQFEVRALRRQKADT Q L |
| UniRef90_S9U7J9 | K LVGDVGREQFVTRFLWRRVMDRL |
| UniRef90_D7LCC3 | $K$ QVRVLA R E Q F F $\square$ R H Y R L K L |
| UniRef90_J9HP95 | K SVREISRRQFKAQFKRNKLVYALS |
| UniRef90_F4ITY4 | $K$ QVRVLA REQFFLLKHL |
| UniRef90_K4E3H4 | $R \mathrm{RV}$ S DMGRKQFEARFLIFARVAEAVN |
| UniRef90_S9VIJ0 | K CVVS DVGREQFVTR F L W I R V C D S I |
| UniRef90_M2VY38 | K EVR K I S K E Q Y Q L R SVLLK EL T |
| UniRef90_A4HK80 | K K V S DVGREQFVSSRHLVYLRVSESL |
| UniRef90_R4XD82 | K V T |
| UniRef90-M1V8C4 | $R L$ VRE L A R R F $\quad$ ■CR H L |
| UniRef90-K3ZEI2 | K R VK ILAREQ F F H |
| UniRef90_X2GDH1 |  |
| UniRef90_B7G481 | K Q VR K L A K Q F L V Q A H L I K $\square$ N Q V L |
| UniRef90_K7TNF7 | K R V K V A A R E Q F F H |
| UniRef90_D0A9X4 | $R \mathrm{RV}$ S DVG R Q Q F E A R F L F D R L T A |
| UniRef90_U6Q0V4 |  |
| UniRef90_Q24HU3 | K S $\square$ Q Y Y S E LE F N T K L L L K K C VA |
| UniRef90_UPI0001A61ECE | K |
| UniRef90_W4YY50 | K |
| UniRef90_J3Q1H7 | K |
| UniRef90_B9GS81 | VR MLA R E Q F F L R S K L VKL |
| UniRef90_B6JZE4 | TSMKKLARCQFFVRRDKMR I |
| UniRef90_S9X079 | K A VK L L A R K Q F V V |
| UniRef90_A5BKV4 | K EVVRVVEAE |
| UniRef90_Q7Z992 | K G \( |
| ) KLLA R Q Q F L I R |  |

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