

| QUERY | 1 | 10 | 20 | 30 | 40 |
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| UniRef90_F1RTA5 | Q P G L A A L R R R A R E A G V P L A P L P L T D S F L L R F L R A R D F D L D | | | | |
| UniRef90_H9J0U5 | Q P S L A E L R R R A R A P G S P L L P G P L S D A F L L R F L R A R D F D L D | | | | |
| UniRef90_K7J584 | Q A I Y E L R D M I Y E R G E C T P H R M D D E F L I R F L R A R N F I P Q | | | | |
| UniRef90_F1NR47 | Q T I H E L R E M I Y E R G E C M P H R M D D D E F L I R F L R A R D F N L D | | | | |
| UniRef90_Q28FN5 | A V A E L R R R A A E P G Q R W P Q P L S D A F L V R F L R A R D F N L D | | | | |
| UniRef90_E3TDD1 | V Q A L R D M V W K D Y P H K T R V D D S F L L R F L R A R K F D Y D | | | | |
| UniRef90_C3ZTV8 | K P Y L L E L R R R A E K E P V V K P H P H L S D N F L I R F L R A R K F D Y D | | | | |
| UniRef90_UPI0001CB9BC0 | V Q A L R D M I N A R P D L N A R T D D G F L L R F L R A R K F D Y D | | | | |
| UniRef90_A0A023G5J3 | Q Q Q L A D L R A M F R E R P D I K F R L D D S F L I R F L R V R K F D V K | | | | |
| UniRef90_X1Y9H7 | E D A L N Q L R E L I S G E T L L E C P M D D A F L I K F L R V R K F D V Q | | | | |
| UniRef90_M2P8M0 | R K I N E L R K L I E G Y D D C M R R S D D L F L C R F L Y C C D W N V E | | | | |
| UniRef90_E2C3S6 | E Q A L E Q L R R E L Q D E G S F V P E R M D D A T L L R F L R A R G F D V | | | | |
| UniRef90_T1JC9 | Q T L Q E F R D M I Y E K G E C L P H R M D D D F L L R F L R A R N F N L R | | | | |
| UniRef90_UPI0003ACC8FD | I Q A L R D M V L G E Q E L N C R M D D A F L L R F L R A R K F D Y D | | | | |
| UniRef90_Q5TVJ6 | I E E L R D M I Y E K G E C P H R I D D D Y L V K F L R A R F W N V H | | | | |
| UniRef90_T11YM4 | R E M L A K D D E E S T K I N L D D A F L L R F L R A Q K F N Y D | | | | |
| UniRef90_S4R8A3 | Q E V Q K L R E A L A R R P D I P A R T D D A F L L R F L R A R K F D H E | | | | |
| UniRef90_G6CL15 | A V T N L R N M I F E R A E C K P H R T D D A F L L R F L R A R D F I V P | | | | |
| UniRef90_M2QZ35 | Q A A L D R F R K E L Q D E G H F V P E R M D D A T L L R F L R A R K F D V E | | | | |
| UniRef90_B7Q4H5 | K V Q E L R N I L I N G E P D L R C P S D D A F L L V K F L R A R K Y S V E | | | | |
| UniRef90_Q16T91 | K I Q Q L R D M I Y E L G G C D P H R M D D D Y L L R F L R A R F W K V | | | | |
| UniRef90_U4UM51 | I I E E L K D M I F E R G E C E P H R M D D A F L L R F L R A R H F I V R | | | | |
| UniRef90_UPI0004419A35 | Q L A V K E L Q E L I Q E Q G E D I C K A V A D D A F L F M R A R K F D V N | | | | |
| UniRef90_F7CSC3 | Q A L R D M V C K D Y P N L I A T S L D D A F L L R F L R A R K F D V D | | | | |
| UniRef90_R7SIU2 | Q H A L E E K L K K E L Q D G G I F V P E R H D D A T L L R F L R A R K F D V E | | | | |
| UniRef90_Q5DG97 | Q S A I A E L R S R I Q L Q S L Q G C I A D E F L L R F L R A R K F N C D | | | | |
| UniRef90_W5JK2 | S L E R M R E W I R Q N G R I R R C T D D R F L L M K F L R A R D F D V Q | | | | |
| UniRef90_W5MC43 | K P Y L L S R L R Q K A R E E G D K R Y Q M D L S D T F L L R F L R A R D F D V Q | | | | |
| UniRef90_P24280 | E K A L A E L R K L E D A G F I E R L D D S T L L R F L R A R K F D V Q | | | | |
| UniRef90_UPI0001CBC04F | A K I I D E L R A R F K K E R P E I K L P P E D A F L L V R F L R C K K F D V D | | | | |
| UniRef90_C5DZE7 | K K A L A E L R S I L E S A G Y T E R T D D S T L L R F L R A R K F D V K | | | | |
| UniRef90_B5XE14 | Q R Y L L Q L R Q A Q K D P Q D R L N W S D S F L L R F L R A R D F D V E | | | | |
| UniRef90_K5W531 | Q E A L D K L R T E I Q Q E E W F V S E R M D D P M L L R F L R A R K F D V V | | | | |
| UniRef90_X1YG30 | K Q A L D Q M R Q W I A K H P Y I R R C R T D A V F L L R F L R Q R K F S I P | | | | |
| UniRef90_D8QLJ8 | Q H A L D K L K K E L Q E E G K F V P E R M D D A M L L R F L R A R K F D Y A | | | | |
| UniRef90_UPI00046C29BB | E Q S L D Q M R D W I N K H P N I K K C R T D A P F L L R F L R T R K F S V P | | | | |
| UniRef90_R7S3J9 | E A L V Q F K K E L Q D E G V F V P E R M D D A T L L R F L R A R Q F D V P | | | | |
| UniRef90_A3LZE3 | K Q Q L E Q F R K E L T E L G F V D R L D D A S L L R F L R A R K F D V A | | | | |
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| UniRef90_Q6FNM8 | K K A L A Q L K E Q L I Q K D G Y K L R D D A T L L R F L R A R K F N V A | | | | |
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| UniRef90_R4G2V6 | Q M V E D L R E L I Y Q R G D I T P I K M D D E Y I R F L R A R N F K L E | | | | |
| UniRef90_G8XZA6 | K K A L E T L R E E L K A A G Y E E R L D D A S L L R F L R A R K F D V A | | | | |
| UniRef90_G3MSF8 | E Q S I K E L R T I L M S D E E S F S C P E D D A F L L K F L R S R K Y D V A E | | | | |
| UniRef90_B7P0Y4 | UniRef90_K5X2V1 | UniRef90_E4UPM0 | Q H A L E T F K K E L A D E G K F V P E R M D D A A L L R F L R A R K F D V V | | |
| UniRef90_J3JWX5 | A A V H Q L R M M L E A E G Y T E R L D T L T L R F L R A R K F D V N | | | | |
| UniRef90_UPI0003F0E441 | I I E D F R D I I Y A R G E C T P H R T D D E F L L R F L R G R K F N M E | | | | |
| UniRef90_J0WT94 | Q K V Q E L R E L F K T R A D I K F R S D D E F L L R F L R N K K F N V D | | | | |
| UniRef90_B7PDU7 | Q K V L L D Q F R Q E L I Q A E G Y F V A E R H D D P T L L R F L R A R K F D I V | | | | |
| UniRef90_B7P3M0 | E S L L D K L I N Q L L D E E P D L H S R R D D E F L L R F L R V R K Y N V D | | | | |
| UniRef90_G3PXE4 | E A L R E L K E L L R Q G Q G E T L T T R T D T L F L L R F L R A R K F D V P | | | | |
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| UniRef90_Q7Q7C3 | Q K G L E E L N K L L D G E P N L K C P R D D L R F L R T C K Y Y P D | | | | |
| UniRef90_H3CC16 | E Q S L T Q M R E W I A K H P Y I R K C R T D A S F L L R F L R F R K Y S V P | | | | |
| UniRef90_V9L3M3 | P A L G S L R R G A L L L G D L A G V G S F S D G F L L K F L R A R D F D V E | | | | |
| UniRef90_E1ZX13 | UniRef90_Q4S693 | E S V E L R L R A V S L S Q H W P L G L E D E F L L R F L R A R D F H Q E | | | |
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| UniRef90_D6WWA6 | UniRef90_M7WF78 | Q S I Q A L R Q M I Q Q S T D L E L K I P Q D D K T L L K F L R A R K F N I P | | | |
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| UniRef90_UPI00022B2C41 | R P Y I S R L R R R A L Q A G E L S A V R S L S S G F L L R F L R T K K F S L P Q | | | | |
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| UniRef90_W4KFL8 | Q H A L D T L K K E L Q A E G A F V P D R M D D A T L L R C V R A R K F D V Q | | | | |
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| UniRef90_G8ZLV2 | UniRef90_Q10137 | K K A M L Q L R E E L T K A G F V Q R L D D S T L L R F L R A R K F D V A | | | |
| UniRef90_Q10137 | Q A T L D S M R L E L Q K L G Y T E R L D T L T L R F L R A R K F N L L Q | | | | |
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| UniRef90_U9T309 | Q I L I D E L R E M I Y S R G E C T P V R T D D A P F L L R F L R S R K F G V E | | | | |
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| UniRef90_Q6BPM1 | UniRef90_Q01ET4 | Q A Q V S Q L R L M L E S Q G Y T D R L D T L T L R F L R A R K F D V N | | | |
| UniRef90_G3ANF5 | E Q A L A Q M R E W I A K N P H I K K C R T D P L F L L R F L R T K K F S I T | | | | |
| UniRef90_V8NSP9 | K Q I V D L R K R L Q E L G Y K S R L D D A S M L R F L R A R K F D L E | | | | |
| UniRef90_UPI0003F0935F | UniRef90_V7CJ71 | E S R L V Q L R K W I S E T L K G K M P H D A I L L R F L R A R D F N V E | | | |
| UniRef90_B0X432 | A I N Q L R D W I V K N P A I K H C R T D D V F L L R F R K F A V H | | | | |

50 60

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| UniRef90_K7J584 | R A H R L I V R Y Y T F K E E H P E I H Q D V N P |
| UniRef90_F1NR47 | L A W R [L L K N Y Q K W R I E C P E I S A D L Q P |
| UniRef90_Q28FN5 | R A L Q L L V N Y Y S C R K A W P E V F T D L R P |
| UniRef90_E3TDD1 | L A L K L L I N Y H K W R E E C P E I S A N L Q P |
| UniRef90_C3ZTV8 | R A F K L L E N Y Y Q V R A N T P E I F E K F L P |
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| UniRef90_A0A023G5J3 | D A F S N V K K Y F Q V R R D N P G I F G N L G P |
| UniRef90_X1Y9H7 | E S F A R M V K L F K L K E A N P E W F |
| UniRef90_M2P8M0 | K A K A M I L G Y E Q W R K D F D D I M Q N F D |
| UniRef90_E2C3S6 | A A H R L I V N Y Y N F K E N H P E I H Q N M |
| UniRef90_T1JCV9 | R A F Q L L K N Y Y K I R L Q F A Y L Y V N Y R P |
| UniRef90_UPI0003ACC8FD | L S W R L L K N Y Y K W R A E C P E I S A D L H P R |
| UniRef90_Q5TVJ6 | H A Y N L M V R Y Y A F R E S N P E F Y E N V N P |
| UniRef90_T1IYM4 | R A F Q L L K N Y Y K T R S Q N A Q L C M N F S P |
| UniRef90_S4R8A3 | K T L K L I K N Y Y K C H Q T W P D V F Q D F R P |
| UniRef90_G6CL15 | R A H K L L V R Y Y T F R A E Y P H L Y K D V D |
| UniRef90_M2QZ35 | K A K Q M L I A C E Q W R K D F E D I T K N F D |
| UniRef90_B7Q4H5 | E A F S T I R K Y F R V R K L H R D I F E D L R P |
| UniRef90_Q16T91 | N S Y K L M C R Y Y E F R E N N T E L Y D N V N P |
| UniRef90_U4UM51 | M A H R L M V N Y Y T F R E T N P T Y F S N I D |
| UniRef90_UPI0004419A35 | R A Y D L I K G Y V N F R Q Q Y P E L F E N L A P E |
| UniRef90_F7CSC3 | R A L Q L L V N Y H G C R R S W P E V F T D L K P |
| UniRef90_R7SIU2 | K A K V M I I S C E Q W R K E F |
| UniRef90_Q5DG97 | N A L R L Y I N Y Y I L R I R Y P D I F N D L R P |
| UniRef90_W5JK2 | G A C E M L E R Y L K M R Q T Y P R W F A R L D P |
| UniRef90_W5MC43 | Q S L K L L I N Y H K W R N E C P E I S A N L H P |
| UniRef90_P24280 | L A K E M F E N C E K W R K D Y D T I L Q D F H |
| UniRef90_UPI0001CBC04F | R A F K M L V H Y Y E V R R K Y P E L Y S N Y R P |
| UniRef90_C5DZE7 | L A K E M Y V N C E N W R K E N D T I L K D F R |
| UniRef90_B5XE14 | L S L K L L I N Y Q R W R R E C P E I N A N L H P |
| UniRef90_K5W531 | K A K E M L K N A E Q W R K E Y D D I V E N F D |
| UniRef90_X1YG30 | K A C E M L E R Y L A L R Q S F P H W F Q G L D P |
| UniRef90_D8QLJ8 | K S K E M L L N A E Q W R K D F D D I I H N F D |
| UniRef90_UPI00046C29BB | Q A C E M L E R Y L T I R Q L Y P Q W F R N L D |
| UniRef90_R7S3J9 | N A K A M L V N A E K W R R E F |
| UniRef90_A3LZE3 | K A K L M F V N C E K W R K D F N T I L E D F H |
| UniRef90_UPI0001DED1B9 | L A W R L L I N Y Y K W R A E C P E I S A D L C P R |
| UniRef90_Q16Q21 | E A C E T L E R Y L S M R M Q V F R I W F E N L D P E |
| UniRef90_Q1HRC4 | K A C E T L E K Y L I M R Q T Y P K W C K N L D P |
| UniRef90_Q6FNM8 | M A K E M Y V A C E K W R K |
| UniRef90_UPI00021A8666 | K T K S K L W N Y Y K Q R A N L P E W Y S N R D P |
| UniRef90_G8BQN5 | L S L E M Y E N C E K W R K E Y D S I L T D F H |
| UniRef90_R4G2V6 | P T Y R L M Q N Y Y C R F R E E N Y N F Y E N V N P |
| UniRef90_G8XZA6 | K A K E M F V Q C E K W R K D F |
| UniRef90_G3MSF8 | A T A E S I K K Y F R V R K E A P E I F D D F L P |
| UniRef90_B7P0Y4 | V A F K T L R N Y Y R H R E S P E I F T G L R P |
| UniRef90_K5X2V1 | K A K E M L I G N E Q W R K D F E D I V K N F F P E |
| UniRef90_E4UPM0 | L S K Q M F I D C E K W R K E I K L D D I V P |
| UniRef90_J3JWX5 | S A Y R L F V N Y Y N F K E D N P E F F F D G V N |
| UniRef90_UPI0003F0E441 | K A F K M M V H H Y K A R R D Y P K I F N N F K P |
| UniRef90_J0WT94 | A A K T M I A Y E K W R K E F |
| UniRef90_B7PDU7 | T A Q K K V K E Y Y K T R K N F P C V F K N F V P |
| UniRef90_B7P3M0 | R A F Q M V E R Y Y R V R L Q D Q T L Y R D L H P |
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| UniRef90_R7UFB2 | R A L Q L T I N Y Y T I R A E N K D I K E L T P K |
| UniRef90_UPI000462DC3E | L A W H L L K N Y H K W R A E C P E I M S A D L R P |
| UniRef90_UPI00035A17D5 | K A R E M L V H S L A W R K L H P E I L E K Y Y P |
| UniRef90_UPI0001CBAC72 | R S F K L L E N W C R V R V E M K E V F S D Y R P |
| UniRef90_T1PC17 | S A F K L L I K N Y Y S F K L K H A D V Y K D L K P |
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| UniRef90_V9L3M3 | L A L K L L I N Y H K W R A E C P E I S A D L R P |
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| UniRef90_Q4S693 | R A L Q L L L N Y H A A H K A W P E V F K D L K P |
| UniRef90_B0X3T2 | K T Y Q M I Q F A Y R M K I N G K E Y Y E N |
| UniRef90_M5G6W0 | K A K F M I T S C E E W R K D F |
| UniRef90_W5L7G0 | R A H E L L M K G Y V R F R R D Y P E L F E N M T P E |
| UniRef90_D6WWA6 | D T Y L L V Q N Y Y Y Y R K K N H I F E N F T P |
| UniRef90_M7WF78 | K A K I M W I D T Q K W K Q S F D E L Y E T F D |
| UniRef90_UPI00022B2C41 | L S L K L L L N Y Q R W R E S P E I S S C L S P |
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| UniRef90_W4KFL8 | K A K E M I L S A E A W R K D F D D L V E N F D P E |
| UniRef90_UPI00034FDDD8 | M A Q Q T L L K Y L S L R K F Y P E I F K N L D |
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| UniRef90_Q10137 | Q S L E M F I K C E K W R K E F D D L I K N F H |
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| UniRef90_A7URF7 | A A T E M L E K Y L T I R Q V Y P H W F F K L D |
| UniRef90_D6WK79 | S A Y K L F I N Y H E F R E E N L N F H E G V |
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| UniRef90_A0A017SMN7 | A A K T M F V D C E K W R K E F P K V F E Y Y P Q |
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| UniRef90_G4NDN3 | L A L K M F V D C E K W R K E Y P E I F K Y Y P Q |
| UniRef90_Q6BPM1 | K A K Q M Y V K C E T W R K D F |
| UniRef90_Q0IET4 | Q S C E M L E K Y L S I R Q T Y P K W F R N |
| UniRef90_G3ANF5 | K S L E M F V N C E K W R E E F |
| UniRef90_V8NSP9 | R A Y D L I K G Y V N F R Q Q Y P E L F E N L V P E |
| UniRef90_UPI0003F0935F | K A H E M L A R S L S W R K Q H V D L L P K |
| UniRef90_V7CJ71 | K S K E M F Q N Y L K W R N E F R V D L L P K |
| UniRef90_B0X432 | Q A G E S I E R Y L A A R Q K M P Q W F Q G T D P |

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| UniRef90_L8WIL2 | E Q T L A Q F K A E L Q T E G H F V P E R H D D P T L L R F L R A R K F D L V |
| UniRef90_B8MAN3 | K Q A V A D S E Q L R E S S W S M L K A D H P D A L L R F L R A R K F D V N |
| UniRef90_Q0CIE6 | E K K L E E F K K L C E K E G Y D G Q R P S H H D D A T M R F L R A R K F D I N |
| UniRef90_B7PJC3 | K E A V A R R T L L A E E P D L N C Q T D E F L V K F L R S R K F R V Q |
| UniRef90_I1JVM2 | E T A V H E L R Q K L V E R G S L P P R H D D H T L L R F L K A R D F N I E |
| UniRef90_Q16Q20 | Q A L R Q M R E W I A K N P A I L K C R T D G S F L L R F L R V R K F N H V |
| UniRef90_V2X892 | E D A L E Q L K K E L K E E G K F V A E R M D D A T L L R F L R A R K F D V A |
| UniRef90_H2LA95 | S S L S K D L R T T M K A E G D E L A K L D K P D S L L R F L R A R K F S V P |
| UniRef90_B4MLQ7 | E Q S L E Q L R N W V I K N E D L Q N V R C D D T F L L R F L R A R K F S V P |
| UniRef90_W5NA73 | S A V K E L R A L I Q E K G E D V A K L D K P D S L L R F I R A R K Y S D I N |
| UniRef90_V5HKQ5 | S V V R L R Q L I N E E P L L H C P T D R D F L V K F L R C R K Y S V E |
| UniRef90UPI0002C2EC5E | Q A V D A F R Q A L I L E E L L P S H C P H D D H H H M L R F L R A R K F D I E |
| UniRef90_R4WUH9 | L E D L R E L I Y Q R G D F E E L L P S H C P H D D H H H M L R F L R A R N F K L D |
| UniRef90_A0A023G8H6 | Q R S L T Q L R Q L L E E G P G L I P Q D D D F L L M F L R T R K Y K V |
| UniRef90_B4M8J0 | Q E T I A Q F R N Y I L E R K D C Q P H R N D D K Y L E K F L R A R Y W K I |
| UniRef90_W4WU24 | I A E I R R W I D E M H I Q I D D F L I L R F L R V C K F N L |
| UniRef90_T2M6X8 | K K I N K L R A K T T E R P D L K F D T T D K G L I I L R F L R A R K F N V |
| UniRef90_W4XB48 | E S A L Q K L R E R M D E K K G I V F N T D S R F L I R F L R A R K F E V |
| UniRef90UPI00026595FB | Q A L R D F R R K L A M V E E F T P K V D D D R F F L L R F L R A R K F N V |
| UniRef90_J9KNB7 | Q L A I D E L R T L V K G D I F L K S R M D D A F M L K F L R A R K F Q V N |
| UniRef90_J6EQW9 | E A A L K Q F R E E L I A E G L Y P T D L R Y D D Q T L L R F L R A R K F D I P |
| UniRef90_C5MGR0 | L L E E F F R A Q L K K S G F T L R L D D A S L L R F L R A R K F D L A |
| UniRef90_T1PDE9 | Q Q T L A A E F R K K V S D C L V D N E V H D D Y F L L R F L R A R K W D V |
| UniRef90_A0A023GK84 | Q R T L E E Q Y R S A I S D Q E S F S C P K D D A F L L K F L R G R K Y N V |
| UniRef90_F4IHJ0 | Q A V D A F R Q S L L M D E L L P D R H D D Y H M L R F L R A R K F D V E |
| UniRef90_M2MSV1 | A A V H Q L R M M L E Q E G Y K E R L D T L T M R F L R A R K F D V Q |
| UniRef90_T116K4 | E N A L K A L K D L I D A E D N A D I K T R D D D F L L R F L R H A R K M N V A |
| UniRef90UPI0003F09289 | G L K K L F E M V R S R P D I T C P T D A V F L L G F L R A R K F N I |
| UniRef90_C0ZB2 | E E V S I W G I P L L E D E R S D V I F L L R F L R A R D F K V |
| UniRef90_N1PEG2 | A A V F Q L R T M L E Q A G Y K K N L D T L T L R F L R A R K F N V E |
| UniRef90_V5FYQ9 | Q I V S D F R D M I F A K G E C T P H R T D D A F L L Q F L R A R H F I V G |
| UniRef90_F6T9Q4 | U D E L L C K A V A D K V K D K G D D F F L L R F I R A R K F D V S D |
| UniRef90UPI0002658B5E | E S A L A D L R K K L E G I D H K I H C Q T D D D A F L L R F I R H K K F D V D |
| UniRef90_B0XFB9 | P A L A Q L R E F I V K H P Q I K Q C R M D S A F L L R F I R N R K F N V T |
| UniRef90_B2W8N2 | A A V A Q L R M S L E Q A G H T K N L D T L T L R F I R A R K F D V K |
| UniRef90_Q0V9N0 | E S A L I H L R Q W L Q E T H K G K I P K D E H I L R F I R A R K Y D V N P |
| UniRef90_H3BC9 | E R S L T E M R Q W I V N N S Y I R K C R M D A K F L L R F I R A R K K F S V P |
| UniRef90_X1YAS0 | A L M K F R R S V Q D I L Q P H H D D Y F L L R F I R A R K W D P T |
| UniRef90_A0A026WMI2 | L K E F R S I L K K K G Y T E R L D D A T L L R F I R A R K F D L A |
| UniRef90_I2GZ28 | E E A V N S F R E A L L T K D L P A R H D D Y H M L R F I R A R K F D V E |
| UniRef90_W9ST22 | U Q L R A M L E Q E G Y K E R L D T L T L R F I R A R D F K V |
| UniRef90_S8BWK1 | Q Q A L V E M Q E E I R T A F W N M V K Q D H P D A L L R F I R A R K F D V W K |
| UniRef90_S7ZS45 | Q R A I M K L R E Q L V A M G F F R L D D A S L L R F I R A R K F D L E Q E |
| UniRef90_C4XY16 | Q K A L N Q L R N N V A N I L P Q E E L S D D Y F L L R F I R A R D F N D L |
| UniRef90_B3S7W5 | Q A Q V A L A R L N Q L L D E E P E L N A R R D S V F L L R F I R V R K Y N I E |
| UniRef90_V5IJ95 | Q A Q V H Q L R L L L E S E G Y K E R L D T L T L R F I R A R K F D V E |
| UniRef90_G2QK76 | Q A V A Q L R K E L E A D G F T D R L D T L T L R F I R A R K F D V A |
| UniRef90_U4LD54 | E K A V C E F R Q I L I E R D L L P A K H D D Y H L L R F I R A R K F D V E |
| UniRef90_A0A022RK06 | A K L E Q F R M M L E S E G C T D R L D T L T L R F I R A R K F D V E |
| UniRef90_A0A016Q7R7 | Q D I Q E V R D M I I T R P D I G F L R T D D A F I L R F I R A R K F N H V |
| UniRef90_V9LIK0 | Q Q L R A M L E Q E G Y K E R L D T L T L R F I R A R K F N V E |
| UniRef90_W9Y8S8 | V D S F K Q L L M A D D L L P A R H D D Y H L L R F I R A R K F D V E |
| UniRef90_B9GRK7 | E E K L E E F K K V C Q A D G V E A K P A S Q S D D A T L R F I R A R K F D V E |
| UniRef90_W6PZU5 | H S L R A M R N W I R K H P D I V N C R T D A P F L L R F I R T K K F S V P |
| UniRef90_C4WWS6 | Q Q A Q V H Q L R M L L E A E G Y T K R L D T L T L R F I R A R K F D V E |
| UniRef90_G0S286 | Q Q A I K E L R D L L K E E D D L Y I P L E N D L W L V L R F I R P T K F Y P E |
| UniRef90_J3JV36 | U Q S L E Q M R E W R L R Q N K D V E N V R T D D I F L L R F I R T K K F S V F K |
| UniRef90_B0WNM0 | K Q K F R E Q L L E Q R D L I H D G D T T D D A T L L R F I R A R Q F D L K |
| UniRef90_S8FWW4 | Q E A L D Q F R S I I Q Q K G L F N P R H D D Y H M L R F I R A R K Y D V P |
| UniRef90_H2USW4 | U L A K F R E N V Q D V L P A L P N P D D H F L L R F I R A R N F N L E |
| UniRef90_I2G5B6 | E E A L L Q F R S I I L E K N Y K E R L D D S T L L R F I R A R K F D I N K |
| UniRef90_K7V7X1 | Q A V E A F R Q A L L L D E L L P A R H D D Y H M L R F I R A R K F D V E |
| UniRef90_G2XR5 | A Q V Q Q L R L K L E A A G F T E R L D T L T L R F I R A R K F D V T E |
| UniRef90_B4GXW2 | K Q T I E Q F R S Y I L E R N E C Q P H R N D D Q Y L E K F I R A R Y W K I E |
| UniRef90_F7E969 | L A K F R E N L Q D L M P S L P K T D D Y F L L R F I R A R N F D L I E |
| UniRef90_B8LQR7 | Q A A V D N F R Q A L I A E D L L P P R H D D Y H M L R F I R A R K F D V I D |
| UniRef90_E3Q8Z7 | K A Q V S Q L R L M L E S D G Y S K R L D T L T L R F I R A R K F D V I D |
| UniRef90_S7MZC0 | L L A K F R E N V Q D V L P A L P N P D D H F L L R F I R A R N F N L E |
| UniRef90_P33324 | E E A L L Q F R S I I L E K N Y K E R L D D S T L L R F I R A R K F D V I D |
| UniRef90_A9T5M6 | Q Q A V E E L R R E L L S S R N L L L P D D H D D Y H M L R F I K A R K Y D I K |
| UniRef90_W2SJE0 | E S R L C E L K Y G L Q A H H K G K L P N D A H L L R F I K A R D F D V A |
| UniRef90UPI0002659493 | E K G L E D L R I R I Q K N D N P L S K F R E D D L F L L R F I R A R K F D V D |
| UniRef90_E9DV73 | A Q V H Q L R M M L E A E G Y T D R L D T L T L R F I R A R K F D V D |
| UniRef90_R0H5X9 | N A L H E L R N L L Q D S G V P L L K D N R S D A V L L R F I R A R D F K P Q |
| UniRef90UPI0003D0AF9B | U Q L I D D F R N F I L E H D G C T P H R T D D E Y L L Q K F I R A R K F D T H |
| UniRef90_S8CET6 | E R A V D A F R E A L V S D N L L P A R F D D Y H M L R F I R A R K F N T E |
| UniRef90_B8LUQ0 | A K I F Q L R A L L E Q E G Y T E R L D T L T L R F I R A R K F N V E |
| UniRef90_G3PN07 | E A L E Q F R G R I Q D V L P Q L P A Q D D H F L L R F I R A R N F N L Q |
| UniRef90_B3S7W2 | Q E T L N K F R Q N V E N I L T Q Q E E L E D D Y Y M L R F I R A R D F D L Q |
| UniRef90_V4TPP9 | E K A V N E F R N A L I A R D M L P S R H D D H T M L R F I K A R K F N I D |
| UniRef90_K2S1M0 | E K A V E D L R A L E K E G C T E R L D T L T M L R F I K A R K F D I D |
| UniRef90_M8B402 | Q A V E A F R Q C L H D E D L L P Q Q H D D Y H M L R F I K A R K F D V E |
| UniRef90_R4FP70 | K G L Q V M R E M I S K K K M C D T R T D D V F L L R F I R A R K F D V D A A |
| UniRef90_W8C7Z2 | U Q L Q L R D W I V K Q P H L N A R T D D Q F L V A F L R G C K Y S V E |
| UniRef90UPI0001CBAC73 | A G I K R L W A M I R A R P D I R C P T D A V F I L A F L R A R K F D V V E |
| UniRef90_H2YU11 | S S L A Q L R Q L I E E T G E M M K R L K T D D G F L L R F I R T R K F N V E |
| UniRef90UPI000388C48E | E A L A K F R E N L Q D V L P S L P N H D D Y F L L R F I R A R C F D L Q |
| UniRef90_K3ZRN7 | E R A V A A F R D R L A A H G L L P Y K H D D Y H M L R F I K A R K F D S E |
| UniRef90_K3YZP8 | K Q V D A F R Q T L V L E E L L P A R H D D Y H M L R F I R A R K F D D M E |
| UniRef90_E0CQH2 | Q A V E A F R Q A L S D D L P D R H D D Y H L L R F I K A R K F D M E |
| UniRef90_A0A034WM90 | I A A A L R T W I K Q Q P H L R A R D D D Q F L L S F L R G C K F S L E |
| UniRef90_W8AJK9 | Q L I D D F R N F I L E H D G C T P H R T D D E Y L L Q K F I R A R K F D T H |

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| UniRef90_L8WIL2 | K S K E M I I A C E E W R |
| UniRef90_B8MAN3 | K A V V M L I S T I R W R R E E M H V D D D V M |
| UniRef90_Q0CIE6 | G A W G Q F K D T E D W R K E N A E L Y E N I L |
| UniRef90_B7PC3 | D T F K I I R N Y Y Q A R T D Y K E M F E D L L P |
| UniRef90_I1JVM2 | K T I Q M W E E M L T W R K E Y |
| UniRef90_Q16Q20 | A A C E N L G R Y L V L R Q K F A E W F Q K L D |
| UniRef90_V2X892 | L A K K M L L D A E E W R R D F |
| UniRef90_H2LA95 | R A H E L L K G Y V R F R K D Y P E L F E N L T P E |
| UniRef90_B4MLQ7 | M A E Q T I L L K Y L N I R R T F P H M S T K L D |
| UniRef90_W5NA73 | R A Y E L M K G Y V R F R E Q Y P E L F E N L T P |
| UniRef90_V5HKQ5 | A A M Q T I R R Y F R M R H D N P D I F E G L V P |
| UniRef90_UP10002C2EC5E | K A K Q M W T D M L Q W R K E Y K E I D E N Y Y P Q |
| UniRef90_R4WUH9 | A A Y R L L Q N Y Y N F R Q N N Y N F Y D V N P |
| UniRef90_A0A023G8H6 | D A F Q T I K K Y F R S R R D M P E Y F E E L |
| UniRef90_B4M8J0 | N S Y K L I C N Y Y K F R E E N K S Y Y E K V R P |
| UniRef90_W4WU24 | K T K T R M Q N Y Y K L R S D L P E W F A N T D P |
| UniRef90_T2M6X8 | K A F E L M V R Y Y E T K R S N P D I F E N F N P |
| UniRef90_W4XB48 | R A F K S I V K Y Y E L H V K H P D F F E K Y H P |
| UniRef90_UP100026595FB | K A Y K L M C N F Y K V R L Q N P T L Y |
| UniRef90_J9KNB7 | K A F K L I Q N Y F E A K E K N P K L F D |
| UniRef90_J6EQW9 | K A K L M W A E N E K W R K S F |
| UniRef90_C5MGR0 | K A K E M F I A C E K W R K E F |
| UniRef90_T1PDE9 | A A E K M L R N A M K N R I E A P E V L K K Y L P |
| UniRef90_A0A023GK84 | A A V E N I Q K Y F K A R K D A P E I F D D F L P |
| UniRef90_F4IHJ0 | K A K Q M W A D M I Q W R K E F |
| UniRef90_M2MSV1 | L A K K M F I E C E Q W R K Q F |
| UniRef90_T116K4 | D S Y Q L L C N Y F L Y R K R N K D L F D N M T |
| UniRef90_UP10003F09289 | R A C K L E N W C K M R T S I P E V F S N Y R P |
| UniRef90_C0Z3B2 | E A F T M L K N T V Q W R K E N K |
| UniRef90_N1PEG2 | H A K T M F V D C E K W R N E F D E L V K N F D |
| UniRef90_V5FYQ9 | K A H R L M V N Y Y K F K E S N P Q Y F K E V K |
| UniRef90_F6T9Q4 | R A Y E L L K G Y V N F R Q Q Y P E L F E D L T P E |
| UniRef90_UP10002658B5E | A A F A S V Q K Y Y K L R K E F P D |
| UniRef90_B0XFB9 | A A C D A I V R Y L T M K T L H P E F F N F D P |
| UniRef90_B2W8N2 | L A E K M F V D C E K W R A E Y P E V F K Y Y P Q |
| UniRef90_Q0V9N0 | K A R E M L C Q S L S W R K Q H |
| UniRef90_H3BBC9 | R A F E L L K G Y V R F R E Q Y P E L F E N L T P E |
| UniRef90_X1YAS0 | M A C E A L E R Y L L M M R E M Y P G W F K G L D |
| UniRef90_A0A026WMI2 | A A E K M L R D S L E W R K Q W P Q I L K D Y L P |
| UniRef90_I2GZ28 | L A E K M F V D C E N W R K E F N T I L E D F H |
| UniRef90_W9ST22 | K T L H M W E E M L K W R E E Y |
| UniRef90_S8BWK1 | D S F T M L K N T I K W R K E F |
| UniRef90_S7ZS45 | K A L I I M M I S T M R W R L Q E V H V D D D I M |
| UniRef90_C4XY16 | K A K T M F V E C E K W R K E F N T I L E D F H |
| UniRef90_B3S7W5 | K S E Q M L R R N C R F R K E W P E L W R K Y Y P |
| UniRef90_V5IJ95 | G A L A T L K C Y Y K N R A T Y P S I Y D N F L P |
| UniRef90_G2QK76 | L A K T M F I E C E K W R Q E T K L D E L L P |
| UniRef90_U4LD54 | L A K K M Y T D C E T W R K E F K D L V K D F T |
| UniRef90_A0A022RK06 | K A I H M W V E M L K W R K E N |
| UniRef90_A0A016Q7R7 | A S K A M F L D T E K W R K E |
| UniRef90_V9LIK0 | E A F R L L A Q Y F E Y R Q Q N L D M F K N F K |
| UniRef90_W9Y8S8 | A A K Q M F I K N E Q W R K E F |
| UniRef90_B9GRK7 | K A K Q M W A N M L Q W R K D F |
| UniRef90_W6PZU5 | G A W A Q F K D T E D W R K D N A E L Y A N I K |
| UniRef90_C4WWS6 | M A Q D M L E R Y L V I R Q L Y P Q W F S K L D |
| UniRef90_G0S286 | A S K K M F I D C E K W R E E Y P E I F K Y Y P Q |
| UniRef90_J3JV36 | S A R D L V K R Y Y A F K Q K H S N M Y E D L L P |
| UniRef90_B0WNM0 | M A Q Q M L K Y L N L R K H M H L M C D L D |
| UniRef90_S8FWV4 | A A T T M W E N C Q H W R K T I D E L Y R R L D P |
| UniRef90_H2USW4 | R A F D L M K G Y V R F R K E Y P E L F E N L T P E |
| UniRef90_I2G5B6 | A T E A M F T E A E K W R A E F K Q L Y H S F Y P E |
| UniRef90_K7V7X1 | K A K Q M W I D M L Q W R K E Y |
| UniRef90_G2XRL5 | L A E K M F V D T E Q W R K D F |
| UniRef90_B4GXW2 | N S Y R L L C S Y Y K F R E H N K G Y Y E K V R P |
| UniRef90_F7E969 | K S E A M I R K Y M E Y R K N M P E V I Q K Y L P |
| UniRef90_B8LQR7 | K T K Y M W A E M L R W R K E Y |
| UniRef90_E3Q8Z7 | L A K Q M F V D F E E W R K E Y P E L F K F Y P Q |
| UniRef90_S7MZC0 | K A E A M L R K H M E F R K A M P E V V Q K Y M P |
| UniRef90_P33324 | A S V E M F V E T E R W R E E Y |
| UniRef90_A9T5M6 | K T A E M W K N M L A W R T E F |
| UniRef90_W2SJE0 | K A K D M V H N S I I W R K Q H |
| UniRef90_UP10002659493 | R A F K C Y Q K Y Y R V I R S S H P A I L Y P Q |
| UniRef90_E9DV73 | L S K A M F V D T E K W R K E |
| UniRef90_R0H5X9 | E S Y S M L K K T L Q W R I E F |
| UniRef90_UP10003D0AF9B | R A Y E L L K G Y I N F R N Q Y P E L F E D L T P E |
| UniRef90_S8CET6 | K A K I M W A N M L Q W R K E F |
| UniRef90_B8LUQ0 | A A K A M F V E C E K W R K E F |
| UniRef90_G3PN07 | K S E A M L R K H L E F R K Q I K A I L T D W R P |
| UniRef90_B3S7W2 | K T E Q M L R K H C E K W R K E F |
| UniRef90_V4TPP9 | K T F Q M W V E M L N W R K E N |
| UniRef90_K2S1M0 | L S K Q M F L D C E K W R K E F |
| UniRef90_M8B402 | K A K L M W S D M L T W R K E F |
| UniRef90_R4FP70 | L A F K M L E R Y E K M K K T Y P E L F |
| UniRef90_W8C7Z2 | K A K Q K L D N Y Y A M R G A V P E L Y K D |
| UniRef90_UP10001CBAC73 | K A F K L L E K W C S M R V D L D A V I F E N Y R P |
| UniRef90_H2YUI1 | K A F G L I K A Y N K Y H K K Y P D V |
| UniRef90_UP1000388C48E | K A E A M V R K Y V E F R K H M P E V I Q K Y M |
| UniRef90_K3ZRN7 | K A T Q M W A E M L R W R K E F |
| UniRef90_K3YZP8 | K S K Q M W S D M L Q W R K E F |
| UniRef90_E0CQH2 | K A K H M W T E M I H W R K N F |
| UniRef90_A0A034WM90 | K A K G K I D K Y Y T L R T K Y P D F F |
| UniRef90_W8AJK9 | D S Y D L M V N Y Y K F R N Q N K S Y Y E K V R P |

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| UniRef90_F7IDI1 | Q E A L S R F R E N L Q | D L P R V P N A D D Y F | L L R W L R A R D F D L Q | |
| UniRef90_UP10001FE585A | Q D A L T Q R T M T T E | L P H Q E W D D P Y L L R F L R A R A F N V D | | |
| UniRef90_K9FUH7 | | Q A D G V E A K P A S Q | D D A T L L L R F L R A R K F D V E | |
| UniRef90_H9KV6 | A L M K F R K A V D V | P H Q E W D D P Y L L R F L R A R K F D P V | | |
| UniRef90_A1CAD6 | E E K L R E F K A L C E | R N G Y P D T K P S H D D A T M L R F L R A R K F D V N | | |
| UniRef90_UP10003C35E32 | Q C L E Q F R N W L A K | N E D V H N V R T D D H F L R F L R A R K F S V P | | |
| UniRef90_T1HR41 | E S R L V Q L R K S F A | Q L H K G K I P P N D T M L R F L R A R D F N V E | | |
| UniRef90_B0X424 | E P A I A R M R E S I A | K A K H P Q I E R C T D T F L R F L R Y R K F N V | | |
| UniRef90_Q66KK9 | E S C L I R L R Q W L Q | E T H K G K I P K D E H I L R F L R A R D F N I | | |
| UniRef90_A0A023F317 | Q Q A L D Q F I I E W I | N K N P D L K D C R T D N N F L L R F L R V K K F S V | | |
| UniRef90_V4BE17 | Q E S S L V Q L R Q S L | R E T H K G K I P K D G H I L R F L R A R D F N I | | |
| UniRef90_UP1000155EB88 | Q E A A L A R F R E N V | Q D L L P T L R N P D D Y F L L R F L R A R K F D L | | |
| UniRef90_Q7Q7C2 | E S L R L L R E W I A | T H P H I R R C R T D A L F L R F L R A R A Y D | | |
| UniRef90_M3ZG88 | S L L T E F R E R I Q | D V L P S L P A Q H D H Y L L R F L R A R N F H | | |
| UniRef90_UP10003DEBC92 | Q A V D A F R Q A L V | L D N L L T P I H D D Y H M L R F L K A R K F D L | | |
| UniRef90_H9KDW7 | Q D A I A R L R E L L K | A E T N L K C P V E N D A W L V R F L R P C K Y Y P | | |
| UniRef90_E5A363 | A Q V H Q L R S L L E | Q E G H T K N L D T L T L R F L R A R K F N V E | | |
| UniRef90_C1H2M7 | E E L R L A F W N T I | K H D H P D G L L L R F L R A R K W D V N | | |
| UniRef90_W5JN4V | E S K L V Q F R K R F | E D T P D Q P E P D Y Q T L L R F L R A R D F S I | | |
| UniRef90_H9JSD0 | A I T E L R Q M I F S | R G E C R P L R T D D E Y L L R F L R A R N F V | | |
| UniRef90_B6QTL1 | D E L R L G L L A S | L K H D H P D A M L L R F L R A R K W D V G | | |
| UniRef90_A9QQ82 | Q L I K L I K A E K | K K L V C P T N D A Y L L Q Y L R A R K F N P | | |
| UniRef90_I4Y918 | K Q A L D T F R E T I | K A K D Y Y N E K R H D D R G L L R F L R A R K F D L | | |
| UniRef90_B9S518 | E A A V N A F R Q A L I | L K D M P P R H D D H T L R F L R A R K F D L | | |
| UniRef90_W1P1P6 | E R S V C A F R Q A L | I A R D L P P Q H D D Y H M R F L K A R K F D I | | |
| UniRef90_A0A023F3G8 | E Q A L Q Q L R D W I | I I S C R D D D N F L L R F L R F K K F S L | | |
| UniRef90_A0A024JHF3 | L S D F H E A L L A | L G Y K D R L D T L T L R F L R A R K F N V | | |
| UniRef90_F2SE23 | Q L R K Q L E D A G | C K D R L D T L T L R F L R A R K F N V | | |
| UniRef90_UP10002659120 | K A L Q E L R K Q R C | A D V W E D R F D D H F V L R F L R A R N F S V | | |
| UniRef90_I1HE82 | Q Q K I D E L R K Q | G E P S S V A I Q G F L S D A S I L R F L R A R N W N V | | |
| UniRef90_F4RT29 | Q E T L A R F R N N L | Q D L L P V L P K P D D Y F L L R F L R A R K F D L | | |
| UniRef90_UP1000345AB8 | V H Q L R S S L E A E | G Y K E R L D T L T L R F L R A R K W D V A | | |
| UniRef90_M1W5T3 | Q Q A L K D I R E L L K | G E P E L I V P D D D E F Y Q K F R P C K W Y P | | |
| UniRef90_UP1000258F505 | Q V K Q F R E E L T | K E D L H E G D S T D D H T L L R F L R A R Q Y N L K | | |
| UniRef90_K5VJH2 | U H i 5 V U 9 T 5 | V Q E T F I E K P D A V I I R F L R A R K Y D V N D | | |
| UniRef90_S3CQ59 | E E A L A S L S E A I | R S T V W S M V K H D H P D A L V L R F L R A R K W D V D | | |
| UniRef90_K1R172 | I A D V K E Q I E T R | P D I K F L R T D D A F V L R F L R A R K F D T V | | |
| UniRef90_G7LGG8 | U n i 5 V G K Y 7 | G I P L L A D E T S D V I L L K F L R A R D F K V K | | |
| UniRef90_R1EKV1 | Q A A L A E T T E E L | R A S L W T M V K H D H P D A L V L R F L R A R K Y D V Q | | |
| UniRef90_A0A023FP47 | R E A V I E L R D L L | K E E K D L H P P L D N D W L V R F L R P C K F Y P | | |
| UniRef90_F4JLE5 | E E S L A L R R K I L L | E D E P E L K T R A D S V D L R F L R F R K Y D V D | | |
| UniRef90_UP10002B46AC6 | Q A L D A F R Q A L I L | D E L L P S K L D D H H M M R F L R A R K F D I | | |
| UniRef90_Q17FQ9 | E N H L M Q L R R R F | Q V A H V G K M P S E A V M L R F L R A R D V N D | | |
| UniRef90_M1CER3 | Q A V E E L R E M L K | G Q D E L V V P D D N D D W M V R F L R P C K Y Y P | | |
| UniRef90_A0A023GKA6 | K A L E E L K F L V Q | E A G V P L L K D D R S D V I L L K F L R A R D F K V K | | |
| UniRef90_UP100046DE4CC | E R C L S R L R Q M I | A G D E A L D C P T D N K F L K F L R A R K Y R E E | | |
| UniRef90_D7UAN4 | A A Q E L R Q A L I S | E E L L P S K H D D H H M M R F L R A R K F D L E | | |
| UniRef90_Q17LK7 | E S A V H E L R Q K L L | D K D L P P R H D D Y H L R F L K A R E F N I | | |
| UniRef90_A0A059BSB5 | E A L K E L K A K L Q | E E K S L Y V P D D D S Y L M K F R P C K F Y P A | | |
| UniRef90_H2XV12 | Q A K I N E L R R L I | G T A A L P E L S I Y C S D A S L A R H L R A R N W N V K | | |
| UniRef90_UP100046E12D5 | Q A V D S L R Q A L I | L E E L L P S K H D D Y H M R F L R A R K Y K H A | | |
| UniRef90_M2NKH3 | Q Q A L A Q T P E Q L | R D A F W S M V K H D H P D A L L R F L R A R K W D V H | | |
| UniRef90_UP10003339CA6 | E K S L A Q F R A N I | Q E V L S T L P S S D D F F L R F L R A R R F N L Q | | |
| UniRef90_F9XM40 | Q Q A L A S L S E A L | R D A L W S M S K H D H P D A L L R F L R A R K W D V Q | | |
| UniRef90_W2RXJ0 | E K L V E F K E K L E | A D G W T A K P S H D D D G T L R F L R A R K F D V N | | |
| UniRef90_W9SC19 | Q A V D A F C Q A L I | L E E L L P P R H D D H D T L R F L K A R K F D I | | |
| UniRef90_E9DVN0 | U n i 5 E 9 D V N 0 | E E I R E I M W A M M K H D H P D A L L R F L R A R K W D V E | | |
| UniRef90_UP100042C98D1 | K E A L A K F R E N V Q | D V L P A L P N P D D Y F L L R F L R A R N F N L Q | | |
| UniRef90_B7PRJ1 | E E A E L E K T Q L L | Q N E P D L D A R T D P E F L R F L R V R K Y N V D | | |
| UniRef90_F2TE92 | E A L A D A F K S I L | K E E Q L G E T P A S H D D D S T L R F L R A R R F D V K | | |
| UniRef90_B0X422 | E P A L A Q F R E F I A | K H P Q I V R C R T D S L F L R F L R R H K F N V L | | |
| UniRef90_A0A023GJL3 | R A A L D Q F R E | E A T A D L S P P C R E D W Y L R F L R A R D F N M D | | |
| UniRef90_W5LY62 | E S C L I Q L R Q W L | Q E A G E W K P E K P K D E H I L R F L R A R K F D V N | | |
| UniRef90_W5PD15 | U n i 5 W 5 P D 1 5 | E R A L A Q F R E N V Q D V L A V L P S T D D Y F L R F L Q A R S F D L K | | |
| UniRef90_UP10002654672 | E K L R K F K E I V A | D L K P E H N D V L L R F L R A R K F D L N | | |
| UniRef90_V8N7W5 | E S C L I R L R Q W L | Q E M Q K G K V P K D E Y I L R F L R A R D F N I D | | |
| UniRef90_R7YY19 | Q S A L E K F K Q I C | Q K Q K Q G D T I E A S H H D D E T L R F L R A R K F N P | | |
| UniRef90_W5JJX6 | E Q S L A Q L R D W I | A K H P N L K R C R T D A R F L R F L R T K K Y S F I | | |
| UniRef90_A2BIR0 | E A L A Q F R E K V Q | D V L P Q C P S Q S D H F L R F L R A R N F N L Q | | |
| UniRef90_A0A023ELL2 | K A I D Q L R D S F N | I E K Y G P L I R S D D G F I L R F L R V R K F S V V | | |
| UniRef90_UP10002B8E957 | A Q V H Q L R A K L E | A Q G Y T T R L D T N T R Y L R A R K F D V N Q E | | |
| UniRef90_G1XHK1 | E Q V L K Q L E A A L | K E L G Y T K R L D K A S L L R F L R A R K F D D L | | |
| UniRef90_G3B921 | E A L K E I V A D L K | E W G V P L L K D D R T D V L L R F L R A R D F K V S E R | | |
| UniRef90_V4TE12 | W G V P L L K D | R D R T D V L L R F L R A R D F K V V R | | |
| UniRef90_R4UKT0 | A L M K F R R T M S E | G G Q R Q F D D L Y L R F L T A R N F N V E | | |
| UniRef90_U5UE2 | Q N G F K Q R I L L | G E K S L Y P V D E D A F L L R F L R P C K Y Y P D | | |
| UniRef90_M1AU41 | K K A L Q E L K D K L | Q A A G G P L L G D E K A D V I L R F L R A R D F K V S E R | | |
| UniRef90_A7SAF7 | Q E T L E Q F S V K V | S D V L Q K E H D D F F L R F L R A R D F N L E | | |
| UniRef90_V3ZLD3 | I K T L R E R V K S | I K T L R E R V K S D V L Q K E H D D F F L R F L R A R K F D Q E | | |
| UniRef90_UP10001CE170F | E R V L S Q F R E N I R | D V L P T L P N P D D A F L L R F L R A R S F D L Q | | |
| UniRef90_F9XM87 | A A V F Q L R S T L E | Q E G Y S K P D D A F L L R F L R A R K F D V N | | |
| UniRef90_J3NVQ2 | Q A Q V S Q L R M Q L | E S Q G C T E R L D T L T R F L R A R K F D V N | | |
| UniRef90_F0XEG9 | Q D A L A S M T D I R | A T W S M V K H D H P D A L L R F L R A R K F D V D | | |
| UniRef90_K4CTU2 | E E A V N S F R Q A L | I E K D L P V R H D D Y H M R F L R A R K F D L D | | |
| UniRef90_T5AHW8 | E A L E G L R A V V E | E R G L W K R P A S H D D A T D R F L R A R K W V V Q | | |
| UniRef90_R4G7S7 | E Q G L E A L R K W L | T N A H L H A K S D D Y N L I R F L R A T K F N Y E | | |
| UniRef90_S7N748 | E S C L I Q L R H W L | Q E T H K G K A S N P K D Q H I L R F L R A R D F H L D | | |
| UniRef90_K4B3J9 | K A V D A L R Q A L L | E E L L P A K P H H D D Y H L R F L R A R K F D I E | | |
| UniRef90_W5JN61 | E S S I Q E L R T L L | K E V E G V L V P L D N D D W M R F L R P C K F Y A K | | |
| UniRef90_Q7QJ87 | Q G L A Q M R E F I A | K S P H I K R C T D A L F L R F L R T K K Y S I P | | |

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| UniRef90_F7IDI1 | K S E D M I R R H M A F R K Q |
| UniRef90_UPI0001FE585A | R T F E M L E D H F H W R K E N |
| UniRef90_K9FUH7 | G A W A Q F K D T E D W R K D N A K I Y E N I |
| UniRef90_H9KV6 | A A E K M L R D S M E W R K Q W P K I L K D Y L P |
| UniRef90_A1CAD6 | G A W G Q F K D T E D W R R D N |
| UniRef90_UPI0003C35E32 | M A E Q T I L K Y L N V R R T F P H M T T T L D |
| UniRef90_T1HR41 | K A R H L L S E S L S W R K K H P Q I V K D Y F P |
| UniRef90_B0X424 | A A C E A L E K Y L T A L Q V S R E F F |
| UniRef90_Q66KK9 | K A R E I L C Q S L T W R K Q H P Q V L H D Y Y |
| UniRef90_A0A023F317 | M A Q Q M L L K Y L N L R Q T F P Q L L M N L D |
| UniRef90_V4BE17 | K A R E M L V H S M A W R K L H D N L L D T Y T P |
| UniRef90_UPI000155EB88 | K S E D M L R K H M E F R K Q K |
| UniRef90_Q7Q7C2 | A A Q T T L V R Y L T M R Q L F R I W Y E N L D P |
| UniRef90_M3ZG88 | K S E N M I L R K H V E F R K Q M K T I I T D W K P |
| UniRef90_UPI0003DEBC92 | K A K H I W A N M I Q W R K E Y |
| UniRef90_H9KDW7 | S A L N L V K N Y Y N F K V K H S N V Y E N L K P |
| UniRef90_E5A363 | L A K K M F Q D C E K W R N E Y |
| UniRef90_C1H2M7 | K A L V M L V S T L K W R T K E W H I D E D I M |
| UniRef90_W5JNV4 | K A T V M L Q E S L Q W R K E H |
| UniRef90_H9JSD0 | R A H K L L V R Y C T F R E Q Q R S L Y E G V D |
| UniRef90_B6QTL1 | K A F V M L V A A V A W R T K K M H V D D D I L P R |
| UniRef90_A9QQ82 | K A F S L M Q N Y H Q V K K S Y R D I Y D T Y D P E |
| UniRef90_I4Y918 | K S E E M L D A A E K W R K E F |
| UniRef90_B9S518 | K T L L M W S E M I N W R K D N |
| UniRef90_W1P1P6 | K T L I H M W A A M L Q W R K D H D S I F Q D F N |
| UniRef90_A0A023F3G8 | M A Q E A L E R Y L L R Q T I A Q A F H N L D |
| UniRef90_A0A024JHF3 | L A I E M F K N C E T W R E E F N T I L D D F H |
| UniRef90_F2SE23 | A S K T M F L A S E K W R A E F K |
| UniRef90_UPI0002659120 | K A E Y M L R Q H L I Y R N K I P E V L E K Y T P |
| UniRef90_I1HE82 | K A S K M L K A A V K W R A A Y P E M |
| UniRef90_F4RT29 | K S K L L M F T D S E K W R K E F K E L Y A T F Y P E |
| UniRef90_UPI0003345AB8 | K S E D M L R K Y A E F R K Q |
| UniRef90_M1W5T3 | L A K T M F V E T E K W R K E I K |
| UniRef90_UPI000258F505 | S A F E L M K R F Y Q Y R L N N P R Y C K D L M P |
| UniRef90_K5VJH2 | N A K T M W K N C Y E W R K |
| UniRef90_W5U9T5 | R A F E L M K G Y V R F R R D Y P E L F E N L S P E |
| UniRef90_S3CQ59 | K A L V M L V S T M H W R S Q E M H V D D D I M |
| UniRef90_K1R172 | E S F K L L A R Y F E F R Q N N P S L F K N F |
| UniRef90_G7LGG8 | E A F T M I K N T I L W R K E F |
| UniRef90_R1EKV1 | A A L I M L I S A L R W R A T D M H V D D D I |
| UniRef90_V5GKY7 | S A R D L I K R Y Y Q F K V K H A D M Y D G L L P |
| UniRef90_A0A023FP47 | A T I L D T V R K Y C A I R A S A P R L F E G L R P E |
| UniRef90_F4JLE5 | K A K Q M W S D M I Q W R K D F |
| UniRef90_UPI0002B46AC6 | K A F E M L K N S L H W R R T H |
| UniRef90_Q17FQ9 | S A Y E L I Q R Y Y Q F K V K H W D M Y L D L S P |
| UniRef90_M1CER3 | E S F A M L K N T I L W R K E F |
| UniRef90_A0A023GKA6 | E A F K T I L Q K Y F R V K R S S E E F F K D L S P |
| UniRef90_UPI00046DE4CC | K T K Q M W S D M L Q W R Q E F |
| UniRef90_D7UAN4 | R T I Q M W E E M L N W R K E Y |
| UniRef90_Q17LK7 | S A F A L I Q R Y Y R F R L K H P D A C E E L L P |
| UniRef90_A0A059BSB5 | K A T K M L K D T L K W R S E N K |
| UniRef90_H2XV12 | K A L R V L H K Y H S I R K K F P E V F D K Y H P E |
| UniRef90_UPI00046E12D5 | K T K Q M W S D M L E W R K E F |
| UniRef90_M2NKH3 | A A L I M L V S T M H W R S Q E I S V D D D I M A K |
| UniRef90_UPI0003339CA6 | K A E D M L R K H M E F R K Q |
| UniRef90_F9XM40 | A A L V M L I A T M H W R S Q E M H L D D E I M |
| UniRef90_W2RXJ0 | G A Y G Q F T D T E K W L K E Q R E L Y E N F D |
| UniRef90_W9SC19 | K A K H M W A A M I Q W R R D F |
| UniRef90_E9DVN0 | K A L V M L I S A M N W R H T K M K V D Q D I M |
| UniRef90_UPI00042C98D1 | K S E A M L R K H V E F R K Q |
| UniRef90_B7PRJ1 | A A L N T I K N Y Y K G R V A L G S S F K G L T P |
| UniRef90_F2TE92 | G A L L D Q F Q S T E E W R K T N D A I Y Q N F D |
| UniRef90_B0X422 | A A C E M L E R Y L E T T L Q T A S D F F G K L D P Q |
| UniRef90_A0A023GJL3 | E A K K M L R E H I A W R K K N P T V F T K Y C P |
| UniRef90_W5LY62 | K A R E M L C Q S L T W R K Q F D Y I L E T W R P |
| UniRef90_W5PD15 | K S E D M L R K H V K F R K Q |
| UniRef90_UPI0002654672 | K T E V M F R N D V T W R K E N |
| UniRef90_V8N7W5 | K A R E M L C Q S L A W R K Q Y |
| UniRef90_R7YY19 | D A F R Q F K E T E D W R R E N R E L Y D T I D |
| UniRef90_W5JJX6 | H A S Q M L E R Y L A C R E V H P Q W F K G L D |
| UniRef90_A2BIR0 | K S E A M L R K H I E F R K H M K |
| UniRef90_A0A023ELL2 | K A C E T L E K Y L I M R Q T Y P K W S K N L D P |
| UniRef90_UPI0002B8E957 | R A L E K V L Q N Y H T I R K D F R E C F |
| UniRef90_G1XHK1 | L A E A M Y I I K A E T W R K D N D I W |
| UniRef90_G3B921 | K T K Q M F V S C E A W R K E F |
| UniRef90_V4TE12 | D A F V M I K N T I Q W R K D F |
| UniRef90_R4UKT0 | A A E K M L R D S L K W R E Q W P E V F Q K Y Y P |
| UniRef90_U5UE2 | S T F E L I K N Y Y K F K V K H K Q Y C E N L L P E |
| UniRef90_M1AU41 | D S L H M L E K C L S W R K E F |
| UniRef90_A7SAF7 | K A E F M L R E S L A V R K K M P E V L Q K Y Y P |
| UniRef90_V3ZLD3 | R A F K T L L S F Y Q M R V D S T D L F K D M V P |
| UniRef90_UPI0001CE170F | K C E D M L R K H M E F R K Q |
| UniRef90_F9XM87 | L S K Q M W I D S E K W R S E F |
| UniRef90_J3NVQ2 | L T A K M F I D C E A W R K E |
| UniRef90_F0XEG9 | K A L V M L V S T M H W R S Q |
| UniRef90_K4CTU2 | K A M L M W S E M L N W R K E |
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 I Q A V R D M V I T R P D I T F L R S D D S F V L K F L R A R E F K V N
 K A S L S E F K Q L V Q E L P D C V P R L E E D F L V R F L R A K K Y D Q E
 L L Q E M V Q A Q A A S G E E L A V A E K D S G F F L R F I R A R K F N V G
 K K A L Q E L K D K L I A S E A C L A G D K A D V I L L K F L R A R D F R V A
 E V I K R S F W S M L K H D H P D M I L L L R F I R A R K F N V A
 I A L W G V P L L P S K G D D A T L L K F L R A R D F K A G
 A L M K F R R Q V A D V L K P E H D D Y Y L L R F I R A R S W N P E
 V S E F R Q S L S A A L L P P S L D D Y H M L R F I Y A R K F D L G S
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| UniRef90_V2XR32 | Q A K K M F A D A Q Q W R K T I D E L Y K Q I D P |
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| UniRef90_B9RHZ6 | D A F K M L R N I L K W R K E N K |
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| UniRef90_B4J2G0 | K A K H K I D R Y Y T L Q V A I P E V F N E H R |
| UniRef90_L5L5D3 | R A Y E L L R G Y V H F R L Q Y P E L F D S L |
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 Q Q A L N E V R R L I G P Q S G K A S I F C S D A S I S R Y L R A R N W N V K
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| UniRef90_S8AD58 | S A L T M L I S A L Q W R Q T M | | |
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| UniRef90_M4E814 | K A H T M L L D C L R W R V D | | |
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| UniRef90_J4WC75 | K G I I M M F S A M D W R T S K S K V D S D I M | | |
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| UniRef90_M7NJ00 | K S F V M L A A T V Y W R Q E | | |
| UniRef90_M0SPA6 | K A S F L L F L K Y L K W R R T | | |
| UniRef90_L1IW21 | K A F N M L T A T L A W R K D F | | |
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| UniRef90_E9HLV5 | D A L E V Y E N Y Y R F L H R N R E L C F G L K | | |
| UniRef90_B0X3T0 | S A F E M L K G L Y K T K A N K N F I L E D D L | | |
| UniRef90_Q55CU8 | K S E K M L R D T L E W R K K F | | |
| UniRef90_B4JQP8 | S A L N R L K H F Y N M K W K Y G L A C D D I V P | | |
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| UniRef90_A7TQ60 | K A L S M L V R S L H W R | | |
| UniRef90_M0UBW0 | K S K K M L Q E T L K W R A T Y K | | |
| UniRef90_K0KPC6 | K A L A M L A H T L H W R L K E S H V E D L L | | |
| UniRef90_K4BVE8 | K T K L M W T N M L Q W R R E F | | |
| UniRef90_Q16ZA2 | K V K E K L A L F Y W I R T T L P E V V V Q N R D P | | |
| UniRef90_G8BPH3 | K A M N M L V S S L N W R A T | | |
| UniRef90_Q6BFP4 | D T E K K M I L K C L Q W R K E N K | | |
| UniRef90_M4D266 | K A K K M L E E T L K W R S T Y K | | |
| UniRef90_T1NBR7 | E A M A M L K A A V L W R K S F | | |
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| UniRef90_UPI0001A61C6B | E A E K M L Y S H L K W R |
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| UniRef90_Q9LG29 | K A H K M L L E C [] L E W R T Q N |
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| UniRef90_S8CQ77 | D A L Q S L R K T L K W R A E F |
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| UniRef90_UPI00032A82A9 | K A S Q M L K L S L K W R H E Y K |
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| UniRef90_T1PG95 | S A L L K R I K H F Y N M L Q K Y G E A C R D [] V P |
| UniRef90_M3INT1 | R A I E M M A K S L Q W R S E F P |
| UniRef90_S2JJ7 | K A T Q M L T D T L I W R K D F |
| UniRef90_V4LAK0 | K A S T L F L K Y L T W K R |
| UniRef90_Q9VD09 | R A K K K L K T F Y Q M R A E R T E W F D N R D P Q |
| UniRef90_Q22LQ7 | K T I E M W R N W I L W R K K Y |

| | 1 | 10 | 20 | 30 | 40 |
|------------------------|---|-------------------|-----------------------|----|----|
| UniRef90_J3M5D2 | M P E F L S D A T I | R R F | L R A R N W S T E | | |
| UniRef90_Q0CWF9 | Q K P T D E L R A N V Q T E G N P A L Q M F A S D A C L | T R F | L R A T K W N V P | | |
| UniRef90_I0YZB2 | A V K E L R N Q L P E W G V Q I D P A N P R D A V L V | I L R Y | L V A R N N N V H | | |
| UniRef90_S8E8B7 | L R R R V H E E D D P E L D E L L D D A W I | R F L | L R A R D L K V A | | |
| UniRef90_C1EHD9 | K A A L S K L R E Q L T A E N L I V P D H D A D I T L | L R F L | M A R D F N V D | | |
| UniRef90_A8J0P8 | K A I T E L R D K F F K K L D D E G P P D N T D D W L | E A T D L N E Q | L E A T D L N E Q | | |
| UniRef90_E2A6C4 | R I K F L E I F W G M I M M D D P D V I V L K F L | R A R K W N V S | L R A R K W N V S | | |
| UniRef90_F4RRD9 | L R E R L E R A S D P V I R R W A T D R C L | R R Y L | L R A R S H N L D | | |
| UniRef90_M1V7K6 | E G K I N E L R A A L G P L S S R S S K Y C T D A C L | R R Y L | L I A R N W N V E | | |
| UniRef90_UP10002B428BD | I E S F R R W L K S M P H L K C N A S D D L L L A F L | R Q A K Y N H L | L R Q A K Y N H L | | |
| UniRef90_U6IJ5 | D I K N E T P D A T I T L I K K W L | R A R K W N A D | L R A R K W N A D | | |
| UniRef90_Q06705 | D C R L P E Y T T H A H L I K K W L | I A R E F D L A | L I A R E F D L A | | |
| UniRef90_E9G523 | D K F F P A C S D A S V L L R F L | K A R N Y N T I | L K A R N Y N T I | | |
| UniRef90_G7L2Q1 | | | | | |
| UniRef90_UP1000443E67E | E Q A V E E F L R E V R S R E L P H S A G L V S Q P T A V K F L | M A R K F D V S | L M A R K F D V S | | |
| UniRef90_UP10002B4B3A0 | Q R I E Q L R R L V E K N G I S T E K Y G D P M M M R F L | I A R S M D V D | L I A R S M D V D | | |
| UniRef90_X1Y9B9 | A A I E E L R L L L K T T T D M Y F S D E E D F L L I F L | R P C H F Y A E | L R P C H F Y A E | | |
| UniRef90_A0A058Z1F8 | A V A R L R T L V D E E P T L Q C P L D E E F L V K F L | R A R R W V P E | L R A R R W V P E | | |
| UniRef90_V5HKT9 | K E G I E T L K K L L E A E E D D L Y Y S T D E E L L L I K F L | R P C K F Y P Q | L R P C K F Y P Q | | |
| UniRef90_E2C3S3 | R E A M K Q F Q L L M E E V D G S L K N T H P A E T I L E R F L | K A R D W N L A S | L K A R D W N L A S | | |
| UniRef90_UP10002B49E16 | R R A L D S L K E Q L G D E H D H D D V A L I R F L | R A R K H H S | L R A R K H H S | | |
| UniRef90_F2U6L4 | A A L I Q M R K S I E K L G S S I E S Y G D K T L M R F L | I A R S M N P E | L I A R S M N P E | | |
| UniRef90_K4AS96 | | | | | |
| UniRef90_E1ZPC8 | | | | | |
| UniRef90_U4LIX9 | R K A I D E L R E A V K E H L T P Y D T D F N L L R W L | R A R Q H D L A | L R A R Q H D L A | | |
| UniRef90_H2VX47 | K C W L T K E C L R Y L | R A S K W D V P | L R A S K W D V P | | |
| UniRef90_S4P4C6 | R E A L E R L K E L L K E N K D L H F G E C D E A C L | K G H D Y K L D | L K G H D Y K L D | | |
| UniRef90_W5ER27 | N A L K E F R K L L P E W G V K I L V P T N P L D A V L M K F L | R P C K W Y P E | L R P C K W Y P E | | |
| UniRef90_V2Z1N6 | I D E K G V I P A S H H S D T Y L L R F L | D A R N W N V D | L D A R N W N V D | | |
| UniRef90_W7I9K2 | Q N T F K Q F K E Y F I D F I D Y P K K S E I L S D H Y L L R F L | R A R N L N P T | L R A R N L N P T | | |
| UniRef90_W7XBF0 | A I Q E L R S R I L Q D S E D L H R I R H E D W W L D R F L | R A G R F C S S | L R A G R F C S S | | |
| UniRef90_G0MPG4 | | | | | |
| UniRef90_G3BAG9 | | | | | |
| UniRef90_W5FET3 | R S Q L E V L R G W F R E R S N L H G S L D D Q V L V I A F L | D D F M L R R F L | L R A R D H N V G | | |
| UniRef90_B0X6S6 | Q K I Q E F V N R V R T T P Y G A M I E P V D A A K I A K F L | R G C K F S L L E | L R G C K F S L L E | | |
| UniRef90_U6IPZ1 | S I N K L R L R A G K E S K E W P L S D E F L L R F L | R A R K F D V T E | L R A R K F D V T E | | |
| UniRef90_UP10003C18680 | | | | | |
| UniRef90_F0VQA0 | | | | | |
| UniRef90_B4Q180 | K L A E L V A W F E A N P N L P E K I E P I V M L R F L | K C T A F D V E E | L K C T A F D V E E | | |
| UniRef90_Q9VCJ3 | Q Q D I I I L R V W I R Q Q P H L R A T D V D F L I A F L | R R C Y S L E | L R R C Y S L E | | |
| UniRef90_A0BTP3 | L L Q Q L K D N L L A A Y K I E I N P D S Q T D E V L L R Y L | Y A N N F N I E | L Y A N N F N I E | | |
| UniRef90_UP10003C362AA | L L D A L K E W I L I Q Q P H L K A C M E D Q F L V Q F L | R G S K F S F E E | L R G S K F S F E E | | |
| UniRef90_S9VAS9 | Q A T F H E F V E E V K K Q P W Y E E K F D D W Y C L R Y L | I A R S F D I K | L I A R S F D I K | | |
| UniRef90_G7DVN0 | R V K S A Y W R F I A M D D P D V M M L R F L | R A R K Y D V P | L R A R K Y D V P | | |
| UniRef90_X1Y9B1 | A S I K E L R E L I C A E K E L L V P I D K D A F L K R F L | R P K K Y Y A D | L R P K K Y Y A D | | |
| UniRef90_M4ELG7 | A L L E E E K S Q V I L M K F L | S A K D F S V K | L S A K D F S V K | | |
| UniRef90_E9I2H3 | | | | | |
| UniRef90_X1Y8L1 | E S S I Q E L R T L L K E V E G L I V P L D N D D W M I R F L | F L L K F L | L R G C K Y S L E | | |
| UniRef90_UP10003C39C65 | S L A S L Q S W L K K T P H L K A R P D P K S L L A F L | R P C K F Y A K | L R P C K F Y A K | | |
| UniRef90_C1FDV7 | E I P L E L C P C G K R K A T I R R F L | R Y C R F D L N D | L R Y C R F D L N D | | |
| UniRef90_J9JUR5 | Q K S L A E L R E L L K E K N T M S Y K D T D E Y L M I F L | R P T H F Y A Q | L R P T H F Y A Q | | |
| UniRef90_B4M791 | Q R V A E L Q N L I K A Q P Q L P H N I S S T L L R R F L | H T T R G D V A | L H T T R G D V A | | |
| UniRef90_M1B738 | N Q V S E L R V S L G P L S G R S L K L C T D V C L R Y L | D A R N W N L D | L D A R N W N L D | | |
| UniRef90_E4XZT4 | A K I K E L R N L I C K K S K K I P V A S H D D D S F I V R Y L | R V T K Y D L K | L R V T K Y D L K | | |
| UniRef90_D2A6J1 | V I A L K E W C S K Q P H L P D V P C D S M L E S F L R L S K Y N F D | R L S K Y N F D | L R L S K Y N F D | | |
| UniRef90_G4T811 | P T A P T A K S S I V V L V I K F V R A R P G N L E | V R A R P G N L E | L V R A R P G N L E | | |
| UniRef90_UP10002B44C38 | C S D A C L K R Y L | V A R N W N V D | L V A R N W N V D | | |
| UniRef90_B4JTN8 | Q H A L Q K L K K E L E A D G H F L P E R H D D A L L R F L | R R C F S M E | L R R C F S M E | | |
| UniRef90_S8DQQ0 | A K N A P T E P I T D D D E C L C L L R Y L | R A R R F D V E | L R A R R F D V E | | |
| UniRef90_C5GL50 | A K N Q E L T D L C S K D G L L I R P Q G M D E A T L L R F L | R A T K W D L A | L R A T K W D L A | | |
| UniRef90_B0CU58 | W G V K I D P T S P K D A V L K F L | R A R N L S V S | L R A R N L S V S | | |
| UniRef90_Q22C83 | Q K N I Q E M N R L R H E N N L D S Q F F N Q O Y L Y R F L | R D R K F D V D Q | L R D R K F D V D Q | | |
| UniRef90_A9RE70 | Q F V D Q V K S R L E A E R P D L P V R D D E D L L W F L | N A R G F D V Q | L N A R G F D V Q | | |
| UniRef90_B6QMW6 | A A L Q E L T D L C S K D G L L I R P Q G M D E A T L L R F L | A A R N G H V K | L A A R N G H V K | | |
| UniRef90_V4KTH0 | N K I N E V R T L L G P L G A K S S K Y C S D A A I T R Y L | H S N Y Y S I E | L H S N Y Y S I E | | |
| UniRef90_V9IER4 | I I E M L R E W C E K Q K H L P K P S D L H L I M F L | R D R K M D A E | L R D R K M D A E | | |
| UniRef90_A0A059BNP3 | E S K V N E L K T A M G P L S G R S L K Y C D D A C L R R Y L | D A C D K N I D | L D A C D K N I D | | |
| UniRef90_Q7QG16 | S I A T V T R W L L D E R P D L V I P E G S R L I L Y F L | R T T K Y D L D | L R T T K Y D L D | | |
| UniRef90_Q7PYQ6 | E E S L I L I K E W I T Q T Q I N D Y S N L D D L S I R W F L | R G C K F D S N W | L R G C K F D S N W | | |
| UniRef90_E9HQ03 | A A L D E S Q N E A L E R L Q K L L G D R Q D V D T L V R F L | K A R S F D V W Q | L K A R S F D V W Q | | |
| UniRef90_D8SE09 | E A D V V Q L R E W L A E H H L P P S R L K E K D C F L K T Y L | T G C K G S I E | L T G C K G S I E | | |
| UniRef90_E2J7G0 | A G L A S M R A A L E A K G D C P P C D D Q T A L W F L | R D R K F D V A | L R D R K F D V A | | |
| UniRef90_C1FIT3 | E L A L T Q L R K S V E K L S S S T E G H D N P T L M R F L | V A R S M D P G | L V A R S M D P G | | |
| UniRef90_R0GMR1 | Q D A I K Q F S A I L V A E V D E S L K A A F Q N T E T L L V R F L | K A R E W S I P | L K A R E W S I P | | |
| UniRef90_M0S178 | E E R R L K Q F A E K L A E L Q S D D F R P L L Q R D F L M M F L | R T R K F D V A | L R T R K F D V A | | |
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| UniRef90_B4JXV3 | E A K L R E L Q N W F E N E P N L P E K I E P I S L L R F L | K C V E Y D T D | L K C V E Y D T D | | |
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| UniRef90_V5HC17 | V C V C V Q V Q E E D D F M L R R F L | R A R E Q N I N | L R A R E Q N I N | | |
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| UniRef90_D2A331 | | | | | |
| UniRef90_F8P456 | | | | | |
| UniRef90_M0WAH3 | | | | | |

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