

1 10 20 30 40

QUERY	D E E V S V V R C D D P F M L A K A C Y A	L G N R H V P L Q I M P G E L R Y H H
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UniRef90_UPI00039D2BC3	D E E V I T A R C D D P L L L A R A A Y H	K P G L L R L A A P
UniRef90_K9Z1W3	E E P V I T V K A L D T L N L L K A A Y H	I N S D Y L R F S P
UniRef90_UPI0004715A4B	E E L M E V R A Q Q N P L H V Q L A W H	E P D R I L I R Y
UniRef90_N6XGH8	E E D L L E V R C A T A T E L A R A A F H	G G D W L R L Q A

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D H V L D D M L R Q F G L T V T F G Q L P F E P E A G A	D H V L D D M V E G L G G G T V T S E F A P F E P E D G A	D H V L D E M V V G L G G G T V I T E L A P F E P E A G A	D H V L D E M L R G Q G Y T V T V E E A P F E P E G G A	D H V L D D M L R G W G L P V I V E Q A P F E P E A G A	D H V L D D M V F G L G A K V T T E L A P F E P E A G A	D H V L D A M L R G L G L E V G L E Q A P F E P E P G A	D H V L D D M V R G L G L T V T A A Q A P F T P E S G A	D H V I E R M L E G L G A T L A R V E A P F N P E G G A	D H V L D E M V R R L L G L E L D H E Q A P F F E P E N G A	D H V L D E M V R G L G L E V E L E Q A P F F E P E A G A	D H V L D E M M L H G L G V H V I H E Q A P F F E P E N G A	D H V L E G M L I G L G A E V L P L R A P F F E P E A G A	D H V L D Q M V F G L G G G N V K K E I K P F F E P E A G A	D H V L D D M V R G L G L H V A A A R A P F N P E N G A	D H V L D E M V V G L G L S V A V E E A P F F E P E A G A	D H V L Q D M L L G L G M T V T G E L A P F F E P E A G A	D H V L D E M V Q G L G A T V T V E S A P L E P E S	D H V L D D M V R G F G L E V C V E Q A P F F E P E A G A	D S V L Q A M L E E Q L G V Q V R E E V A P F F H P E T G A	D R V L D E M V T A L G A D V V S E L A P F F E P E D G A	D S V L Q D M L I G L G V Q V E L M Q A P F F E P E S G A	D H V L D Q M L I G L G L T V E H Q T L P F Q P E A G A	D H V I N E M V R G L G A E P T H E T A P F Q P E S G A	D H V I T A M L R G L G A T L R Q V Q A P F N P E G G A	D H V L D E M A G M L G G K V V V E M A P F F E P E A G A	D P V L A D M L K R L L G A C D H V D M P F Q P E T G A	D H V L D D M L R G L G L D V Q I G E K P F H P E N G A	D H V I A D M V R G L G G R V T E I D A P F D P E G G A	D S V L E D M L K H G L E L V Q E T A P F Q P E S G A	D H V I R A M I E Q L G G K V E D V K A P F F K P E G G A	D H V I E D M L K G L G A T V T P V L A A F D P E G G A	D H V L D D M V R G L G L T V G F T H A P F F E P E A G A	D H V I A D M I R G L G G H V R N V R A P F D P E S G A	D P V L K D M L E R M G V T A I E E I V P F F Q P E I G A	D P V L A D M L R R L G T Q V E E T L A P F Q P E A G A	D H V L A D M L I G L G C L V E A V Q A A F D P E G G A	D H V L D D M L K G F G L T V K V E K A P F F E P E P G A	D H V I E D M V Q G L G A K T V E I E A P F D P E G G A	D H V I E E M V Q G L G A K T V E I E A P F D P E G G A	D H V I A D M L K G L G A T V V E I E A P F S P E H G A	D H V L E D M L T R L G L L Q L K Q E M L P F F P E D G A	D P V L R I M L E Q M G L E V K A E N L P F F H P E T G A	D H V L D D M V R Q L G L G E V R V V M A P F F E P E S G A	D H V L D D M L R G I G L D P M F E N A A P F F E P E A G A	D H V L D H M V E G L G L S V S H E D L P F F E P E A G A	D H V L A E M L L G L G C V V S E V E A P F F D P E G G A	D H V L A D M L T G L G A I V T P V S A P F F D P E G G A	D H V L D D M V R Q L S V T V N V E Q A P F F E P E A G A	D H V L A E M V R G L G C A V A R V E R P F R P E R G A	D H V L R D M L Q K L L G A T L R E V E A P F T P E G G A	D H V I A E M I E E G L G G R C E H V L A P F D P E G G A	D Y V L K D M L L G L H V N V E E T Q A P F F E P E A G A	D S V L Q N M L E E Q L G M D V T E E M H P F Q P E A G A	D S V L A S L L T Q L G L T V Q L E T A P F Y P E S G A	D Y V L D D M L I Q L G L K V I H E P A P F F E P E N G A	D H V I E D M V V R L L G G T L T H A M A P F D P E G G A	D H V L A D M L R Q L G A E V A Q V T A P F T P E G G A	D P V L Q D M L L H R G L T V I E E I Q P F F Q P E V G A	D P V L A D M L R G L G V R V A E L T A P F F F P E R G A	D P V L H T M L E Q L G L K V K E E T V P F Q P E T G A	D H V I R D M L E G L G A M V T D I T A P F S P E G G A	D H V L D D M V R G L G A D V V C E Q Q P F F E P E A G A	D Y V L A D M V R G L G L K V E E V M H P F F E P E S G A	D H V I A D M L T Q L G A T V E T L D A P F N P E G G A	D H V L D D M V R G L G A Q V I V E Q E K Y Q P E P G A	D H V L E N M L I K L G L N I Y E E L A P F F P E I G A	D H V L N E M L V G L G M T T T D Q N A P F F E P E A G A	D P V L R T M L E Q L G L Q V N E E I L P P F Q P E S G A	D H V L E D L C R L Y G L K I N S E L A A F Q P E N G A	D H V L D R M V R E L G L E V V C E Q A P F F E P E T G A	D H V L D E M V E G L G A T V S V E L A P F F E P E	D H V L E S M L Q N L G L H T R Q V Q A P F F E P E T G A	D H V L K D M L L G L N V T V H E L Q A P F F E P E A G A	D P A L A D M L T R L G A T V E R A S A P F F Q P E A G A	D A V L E D M L K R L G V L V A H E S Q P F F Q P E T G A	D H V L Q D L V E I I Y G L R C E Q H Q A P F F E P E S G A	D H V L D H M I E G L G L T V T R A E L P F F E P E A G A	D H V I A D M V R G L G G H H I H T V R A P F F D P E T G A	D S V L S S L L I Q L G L E V I E E I A P F Q P E I G A	D S V L R Q M L E K L G L I V K E E F S S F H P E T G A	D P V L E A M L V Q L G L T L T P A T L P F F E P E A G A	D Y V L E D M L R Q L G A R V E T V E A P F F Q P E	D P V L V D M L Q Q M G L H A I E E I A P F Q P E A G A	D H V I R D M L L K L G A T V Q D I R A P F F S P E G G A	D H V I A D M A R G L G A T V T E V T R P F T P E R G A	D H V I K D M I E G L G G G F V K E E V E Y P F D P V G G A	D S V L Q A M L E G L G L A V N E E I A P F N P E I G A	D H V L S Q M L E G L G L A V A V T R A P F F E P E A G A	D H V L E S M L S K L G V S F C Q E T A P F Y P E I G A	D H V I A D M V K G L G G H V H R V Q A A F D P E S G A	D H V L E D M L V G L G A L V S T L R A P F F E P E A G A

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UniRef90_C8S0Q9	E E P L L H V A C H D A V T L A R A A Y H L G N R H V K V E V G A G W L R L L Q
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UniRef90_UPI0003606471	E E N V V R V T A R D S P W Q L A R A A Y H L G N R H H L I L E G E G F L Q F E H
UniRef90_UPI00038146C0	E E A T Y A L R C A D P L L L A R S A Y H L G N R H T Q A E L H D W G L R I R V
UniRef90_G6YW89	E E E Q V V T A R I E N G Q P L A R L C Y H L G N R H V T L A I G M D Y V R I T P
UniRef90_A3V5C6	E D E A L M R V T G D L V R L A W H I G N R H H A P C A L P D A L V V Q R
UniRef90_X0QZ20	E Q A V T K V T A D D D F L L M K G A Y L G N R H V P L M F N A G Y L Y F E N
UniRef90_UPI0003B4A4A8	E E P L L E I V S E N L M K I V W H I G N R H H I P C Q I E L D R L L I Q E
UniRef90_A0A021X6S5	E E E L L Y E V V P K D R L H L A E L A W H I G N R H H L P A Q I E D M R L L I L R
UniRef90_H5WL72	E Q A V L R V T V P D A F L L R A A Y H L G N R H V E L E K P D H L K E P
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UniRef90_B5IIQ1	E E P L L R V T A A S E L L G L L Q Q A A Y H L G N R H V V A M E I R A G E L R L A P
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UniRef90_F0JE34	E E E P L S E A C F A D G Q A M A C F H L G N R H V P L E I G L G R I R Y L H
UniRef90_S2LFU0	E D E P V A T A W V E P E G P L A R L C Y H L G N R H V T L A I G G D W V R F P P
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UniRef90_W6K7T4	E E E S V V D L A C T D A A H A A R I A W H I G N R H H T A V Q L D G R L R M A D
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UniRef90_UPI00036D0AC2	S E E L L L Y V V T A G R G A P L T E L A W H I G N R H V P I E L Q P D H L K I E P
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UniRef90_A4U4V5	E E E R V L D I S C T R T E A E L A R I S W H V G N R H H V P V Q I L P K R L R V G M
UniRef90_U4V2Q7	E E R L A A L R G T N L M E L A W H V G N R H H T P C E V V D D Q L L V Q R
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UniRef90_TOYKW7	E E E S L L L N I H T Q D A T S L L R I V W H I G N R H H L P V E I S A Q H L R T T T
UniRef90_F7Z618	E D E D V L T I T P R S M K Q M G E I A H Y I G N K H P A Q F I D G E M I I Q Y
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UniRef90_E8SHS5	S E D D I I A I V K P R T M K E M G D I A H Q I G N R H H L P A Q F T E D E M L V Q Y
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UniRef90_UPI0003603AE5	E E S S L L E V R A E N P A R L M R L S W Q I G G N H V S A E I G A D V L Y V P N
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UniRef90_M7PB53	D D D L L V I R P T R I G E M G M I A H Q I G N R H H L P A Q F E G D E M L V Q Y
UniRef90_I3TLD2	E G G T G A D T A R A A W Q I G G T G A D T A R A A W Q I G G T G A D V L Y V P A
UniRef90_I3TLD2	E G G T G A D T A R A A W Q I G G T G A D T A R A A W Q I G G T G A D V L Y V P A
UniRef90_R7ZFB7	E E P V V V C P K N M M E M G K A A F E L G N R H H T P C L I E N G E I I V R A Y
UniRef90_UPI00034C3DCC	E E P A Y V V T P D S M T Q M G K V A F E L G N R H H T P C V E E E N R I I V R Y
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UniRef90_UPI00026272C2	D D D L L V I R P R T L Q E M G D I A H K I G N R H H L P M I T D F E L I C P H
UniRef90_UPI000248D6C2	D D D V V I K P T S I L Q M G E I A H Q I G N R H H L P A Q F E G D A M I Q Y
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UniRef90_M2Y703	E E A V S V A R Q S H P L L F G R A C Y I L G V F H I P V E L G R D W L R Y P V
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UniRef90_Q733J7	E E E V V V T P T S I K E M G I I A H N I G N R H H L P A Q F D E G C M I L A N
UniRef90_P50049	E E E V V V T P T S I K E M G I I A H N I G N R H H T M C I I E D D E I L V R Y
UniRef90_J4IQ29	E E E L L R V E A A T P L A L L E A A Y H I G N R H H V A L E L H E H E L L L L N
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50 60

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UniRef90_O87398	D S V L E A M L R S R G L R V S A C E R P F L P E G G A
UniRef90_U9VU87	D S V L E A M L N Q L G V M V T V E T V P F Q P E M G A
UniRef90_UPI00025589FC	D R V I A E M L R H L G A R V E A V E A P F L P E G G A
UniRef90_UPI00047CAA70	D H V L A N M L R A M H L T V R E V N E A F E P E S G A
UniRef90_UPI00020015D0	D S V L A E L L R Q R Q L Q V D C L D A P F Q P E A G A
UniRef90_UPI0003B43395	D H V L E E L A E N L G L R L R R E N L P F V P E G G A
UniRef90_UPI0003600D47	D H V I E H M I E H L G G S V T R I T E P F M P L G G A
UniRef90_E1JTD5	D A V L D D M L R G L G F L P E A V H G P F E P E D G A
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UniRef90_U2Z1F9	D H V I A H M L A H L G A E L R D V T G P F T P E G G A
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UniRef90_A0A021X6S5	D H V I R D M L T G L G A A V R D V V E P F H P E
UniRef90_H5WL72	D P V L A E M L Q R L H L Q V Q A C E P F E P E G G A
UniRef90_UPI000372F6F9	D H V I K A M L E G L G A R V K E I V A Q F N P V R G A
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UniRef90_F0JE34	D P V L D D M L R T M G F A V T A L M G P F H P E A G A
UniRef90_S2LFU0	D H V L E E L A E R L G A R I E H Q Q A P F D P E P G A
UniRef90_Q3AVR5	D S V L A S M L K G R G L V V T Q C R R P F L P E G G A
UniRef90_W6K7T4	D L V M V H M V E G L G G A V S R T T A P F E P E G G A
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UniRef90_A1WIM2	D P V L A D M L R A L H L I V Q A D N L P F E P E
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UniRef90_I4YNA7	N P A V A E L V R G Q G C T A T P V E R P F K P E R S A
UniRef90_A4U4V5	D H V L M T L L D G Q G V Q A W R R R A P F Q P E P G A
UniRef90_U4V2Q7	D H V I E H M I E H L G G K V E H V T R P F N P M G G A
UniRef90_Q7U317	D A V L A T M L E S R G L Q L S R C Q R P F R P E G G A
UniRef90_A2C4R8	D V V M N K M L E G R G F E I E S F Q R P F F P E T G A
UniRef90_A2CDZ7	D P V L A D L L R V R G L A L E S V M E P F Y P E P G A
UniRef90_UPI0003B64E94	D D V L A E M L C Q M G L V V E R R I A P F E P E Q G A
UniRef90_K2MRB0	D H V M R D M V E G L G G V V F A E V A P F D P
UniRef90_B8EPU8	D Q V T E D M L N G L G A D C R K T L R P F S P E Q G A
UniRef90_O06708	D A V L I D M L A Q L G V T A T R L R A V F E P D V G A
UniRef90_Q7V1B2	D Y V I E E L L R N F D V V Y S K V E K K F F P E L G A
UniRef90_B0UK83	D P V V A D L V R G Q G C L A S A V E R P F R P E R
UniRef90_A3YWX7	D G V L E E L I R Q R G L L V E H R L E P F L P E P G A
UniRef90_E6PMP6	D P V L A D M L R R M H L I V T E A L A P F E P E
UniRef90_UPI00035C1AB6	D P I V E A E L V E R G A R I A P V V I A F D P E A D A
UniRef90_I9CN17	S P A N A E L V R G Q G C T A S P V S R A F R P E R A A
UniRef90_TOYKW7	D H V I A Q L V Q R L G G H V E A V R A V F T P E A G A
UniRef90_F7Z618	D Y L V E E L L E G L G I P Y R E K R
UniRef90_E1VBA3	D H V L E E L A E R L G A R L E R R H V A P F D P E P
UniRef90_UPI0002F5E305	D H V I K N L L E S F D A E I K L V N V K K F F P E I G A
UniRef90_UPI0003636BA7	D K V I E N L I I K L G G S I K R V K E E F
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UniRef90_Q07401	D Y L V E E L L Q K L S I P F T R E N R A F R P
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UniRef90_Q733J7	D Y L V E D L L K K E G V P Y Q K E N R P F K
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UniRef90_UPI00037A6BAB	E S V Y V V Y P E N I V Q M G K A A F E L G N R H T P C L S E S E I V V R Y				
UniRef90_H3SN10	D D V L V I Q P R S I R E M G E A H K G N R H L P A Q F E G D A M V V Q Y				
UniRef90_A9KJR8	D D L L V I R P S S L R Q M G D A H K G N R H L Q A Q F E G G K M I I Q Y				
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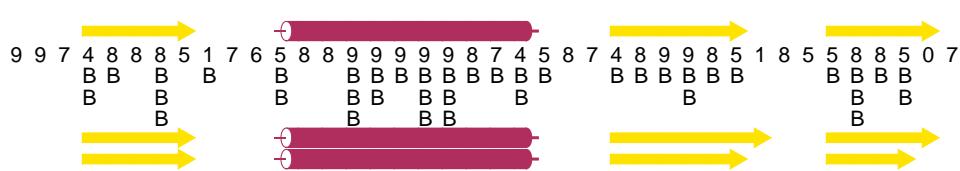
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UniRef90_UPI0003613CEF	I H T L R R S L D K I G I P Y Q Q K N D I F	

lupas_21
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 lupas_28
 jnet
 conf
 sol25
 sol5
 sol0
 jhmm
 jpssm

