

QUERY	1	10	20	30	40
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UniRef90_UPI00037E5283	M	L	K	Q	L
UniRef90_I4YXL9	M	L	H	G	I
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UniRef90_Q982U4	M	L	K	G	I
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UniRef90_A0A011A8Z1	M	L	K	G	I
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UniRef90_B8I9B2	M	L	K	G	I
UniRef90_L7VKA3	M	L	N	G	I
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UniRef90_U2M3U0	M	L	K	H	I
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UniRef90_E2RML7	V	L	K	G	V
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UniRef90_C8RW83	M	L	K	G	I
UniRef90_Q2CDT2	M	L	R	N	I
UniRef90_G7DR80	M	L	K	G	I
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L V P S D P R D K L P D I V W T A F Q S E I L S R A G A D H P E R S V R S L G L M G M E R R F A F Y E R  
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K V P G D D E K A D T S A W D D Y T K I L K K E S E P P E S E P T F C D R R F A F Y E R  
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K V P G D T V E T P E I W D E F E K I V S Q Y D T R K G L I G G I E R R F A F Y E R  
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M V N K N P Q L H E A L L T Q L K Q L E Q H Q G N S I A L H Y V I S H E A F F K E R Q  
A V P G D T L D P A V L A R Y R A A I E R Q A P D A T P P T R H I E R R F A F Y E R  
V L P N D P S Y A V P I L W E Y R D I L K K H E G G L D L P I N R K M F F Y K R Q  
V V G D P S A D L P V Y K E F R E S M L K H E G G N F E L K K L I E R R F A F Y E R  
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V V D E P D T L P V M Q E V Q Q E V S A A G G L T M M S I L E R R F A F Y E R  
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K V P G D T V A T P I W D V Y A G L I I K E H D D E R G A D I I G S L E R R F A F Y E R  
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M M D H T K A A T P I W D E Y K A A V K E A E G R T I D U F L E E R R F A F Y E R  
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V L P N D P Y V P E I W D T Y R A I G A K Y E P Q G L R E E A I D K Y T F Y E K  
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L E P T S D M E Q T P V W Q D Y E S I L S R A G C K A L A K I G H I E R R F A F Y E R  
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L V N S D K K Q V E I W N K Y V D I L E S F E D R S I T L L E I E R R F A F Y E R  
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UniRef90_UPI0003741B38	A E S A F A I I	Q T G E E R R L Y G N I	L L L K K G	V V
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UniRef90_R6MWWK2	T D T A Y C V V	A T T G E E T A R Y A N I	T L L K K G	V I
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UniRef90_G0GEL8	A S K A Y A V V	M T T G E E T T K Y G N I	L L L K K G	V V
UniRef90_Q015M5	A K Q A Y A V V	I T T G E E T A K Y G N I	L L L K K G	V T P
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UniRef90_S6EB96	A K Q A Y A I V	V T T G E E C A K Y G N I	I L L K K G	V T P
UniRef90_C3Y6F8	A K K A F A V V	A T T G E E T A L Y G N I	L L L K K G	V I P
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UniRef90_UPI0002DC0F1E	A K N A H A I V	A T T S E E K A L Y A N I	L L L K K G	I I
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UniRef90_E6WBY0	T Q R S Q A V I	R S G E E C S P Y A N V	I L L S A G	V T
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UniRef90_A7MMV4	T A D S Q A V I	R S G E E C S P Y A N I	L L L C A G	V T
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UniRef90_C1BSK5	A K R A F A V V	A T T G E E T A L Y G N I	L L L K K G	V I
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UniRef90_A0A023S563	A N K A F A I V	V T T G E E T A K Y G N I	L L L K K G	V T P
UniRef90_C4S0R7	A Q Q A F A I V	L T T G E E T A K Y G N I	L L L K K G	V T P
UniRef90_B5QPK1	S K Q C F A I V	Q T T G D Q A L Y G N I	L L L K K G	V I



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UniRef90\_NOAWL8 T K K A K A I I R T G E E A T P F A N I I L L H A G V V I  
UniRef90\_D3UY14 T E K S K A I I R T G E E C S P Y A N I L L C S G V V T  
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UniRef90\_E3HAW5 S R E S K A V I R T G E E C T P Y A N I I L L K S G V V I  
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UniRef90\_UPI00037CF439 T K R A K V I I R T G E E C S P Y A N V I L H S G V V I  
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UniRef90\_W7DC12 MKK R G I L N S E I A K I I D D L R H T D Q I I I G D C G L P V P S N V K  
UniRef90\_UPI0004712E07 M F Q N K N M I L N P E L V S L I A K L G H F D E I V I C D A G L P P P N E N Q  
UniRef90\_UPI00047D6678 M L K N V H P L L T G P L L S L L D R M G H G D L L G L V D R N F P A H R Y G  
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		50	60	70	80
UniRef90_C6D5S1		D L A L T L G T P S F L E D T V N A V V A D M T V E K V I L A E E E			
UniRef90_C4KZD1	R	V D L S L R I D L A L T L G T P S F L E D T V N A V V A D M T V E K V I L A E E E			
UniRef90_G2IF98	R				
UniRef90_S0FGD3		D L A L T K G V P S F L E D T V N A V V A D M T V E K V I L A E E E			
UniRef90_AONM26		V I D L A L T P G V P S F R E L L A A L Q S E E L V I E E G A V W A T E E E			
UniRef90_K0I412	R				
UniRef90_F0YW52	H	I D S D K K I D L A L T P G I P A V A D V L R V V L E E M Q V E E D T N F V E D T Y Y L A K E E			
UniRef90_C7HWJ5		L D S D K K I D L A L T P G I P A V A D V L R V V L E E M Q V E E D T N F V E D T Y Y L A K E E			
UniRef90_UPI00046F6985	Q				
UniRef90_W8T760	R				
UniRef90_W8PHC4		P Q V E L I D L A L T Q G I P D F V S T L K V V L S E M Q V E E S H V L A E E E			
UniRef90_R6G767					
UniRef90_I7LDK4	K	I D L A V K K D L L V L T A G V P S F K Q V L D A V L D E V Q V E E G Y Y L A H E E			
UniRef90_B5Y646					
UniRef90_A1TUV3					
UniRef90_R6ID38	K	P G P L R I D L A V L P G L P A V A D V L A A V L S E M Q V E E R A L V A T E E E			
UniRef90_R5LEZ8					
UniRef90_UPI0003717C44	K				
UniRef90_V5WH75	R				
UniRef90_W1U3N0	R				
UniRef90_UPI0002192E10	R				
UniRef90_Q9CF43	K				
UniRef90_F9DQS7		C I D L S Y K L R L G V P N F G I D V L T E V L A D M E V E L M M A A T E E			
UniRef90_Q5WC30		C I D L S Y K L R L G V P N F G I D V L T E V L A D M E V E L M M A A T E E			
UniRef90_T4VC45					
UniRef90_H3NCI4	K				
UniRef90_UPI000409C019	R	I D L A V K K D L L V L T A G V P S F S E V F E V I L E N M Y V E Q A V I A N E E			
UniRef90_J3HQ10					
UniRef90_S3JZ56					
UniRef90_G4HEU7	K				
UniRef90_UPI000364D5E3	C				
UniRef90_K0DC45					
UniRef90_Q88RZ2					
UniRef90_J3CVT6		D G P E K I D L A V A R G V P Q L M D V L Q A V L S E M Q V E E A A F I A R E E			
UniRef90_W3AJG6		C I D L S Y R I D L A V A R G V P Q L M D V L Q A V L S E M Q V E E A A F I A R E E			
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UniRef90_UPI0003032652	T				
UniRef90_Q1IC21					
UniRef90_G5K0Z5	K				
UniRef90_C3WV6	R				
UniRef90_UPI0003630369	R				
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UniRef90_A5W5E7					
UniRef90_G0AFB1					
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UniRef90_UPI0003731EDE	R				
UniRef90_F7NMA6	R				
UniRef90_A0A011QSJ1	K				
UniRef90_L0F247	Y	I D I S L K I D L A L T P G I P R V A D V L K A V L S E M Q V E E R A L L A R E E			
UniRef90_E6V693	R				
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UniRef90_V6Z1E1	K				
UniRef90_I0GTY5					
UniRef90_UPI0002E229DA					
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UniRef90_UPI000454C20E	C G P V E	C G P V E I R A D G L R I P Q L L Q A V L Q L L P L D T Y V E S P A A V M E			
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UniRef90_D7CRD7					
UniRef90_I4MVN6					
UniRef90_UPI00041A0DDE	Q				
UniRef90_UPI0003727D60	R				
UniRef90_UPI0003959056	R				
UniRef90_N1ZII4					
UniRef90_V9G3W8					
UniRef90_U2L1F5					
UniRef90_U2BS64	R				
UniRef90_W4BS42	R				
UniRef90_B0KDE7	R				
UniRef90_M2AW03					
UniRef90_W4P039	Q				
UniRef90_UPI000363FC2C	C				
UniRef90_UPI00029AACFE	K				
UniRef90_W7CRX2	K				
UniRef90_W6XJH7	C				
UniRef90_F8FOA5	R				
UniRef90_A0A037Z0U5					
UniRef90_B2A2D7	S				
UniRef90_B9R584	Y				
UniRef90_W7DC12	Q				
UniRef90_UPI0004712E07	S	K I D L S L V L G T P N F M Q V E N V I T Q N L A F E S I V L A S E			
UniRef90_UPI00047D6678	A	P V I D F R G V L D T G Q A V D A L L S V F P L D G F V D E A V H R M E			
UniRef90_U2KQD1	R	V L R A D G I R I P S L D D G I L R L I N I D P Y V K D A L V M M A			

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UniRef90\_G2IF98 T K D V S P Y I E S E I E N L V G D V K L T F V M P H S E N F K M F  
UniRef90\_S0FGD3 A G K N V C L L Q Y I K A S L P N V D N E F M P H S E F K E F  
UniRef90\_AONM26 A S D E L S S L M Q R E V D F W A S E T G K E I T V S R L S H E A F K H R  
UniRef90\_K01412 A M E R N G G Q L P A W Q L P V T P Q A V M S H E D F K R L  
UniRef90\_F0YW52 N L P E E P V P E L W A Q Y R A L L N K Y D G G F T E F E F M D R L P F Y E T  
UniRef90\_C7HWJ5 I K E K N P S Q E E N I K K L L P D I E C E Y T S H E E F K K K  
UniRef90\_UPI00046F6985 I K E N N G E L H E Q L M E L L P E V E Y V L S H E D F K Q L  
UniRef90\_W8PHC4 F E T A S P V L V Y E R L L E A V E K L N G A V K I T K L A H E D F K T L  
UniRef90\_W8PHC4 I F D K Q P S A L T T L E A L H A D G A L G T R E L V S H E Q F K R L  
UniRef90\_W8G767 I K E F N P E L L E E Y I K A G L P E A E V E Y M P H E D L K K F  
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UniRef90\_B5Y646 M K E K S P E T Y A E L L K I L G N I P I K E V S H E E L K V M  
UniRef90\_A1TUV3 A V E R A G G A L P G W A G A L P V A P Q T L S H E E F K R L  
UniRef90\_R6D38 M Q S K N E E C W Q Q M H K L F D S K E W I V T D H E F K Q A  
UniRef90\_R5LEZ8 I K D N N K K V Y N K L L S M F K D I S K E Y L S H T D F K N K  
UniRef90\_UPI0003717C44 M I G Q N E A A Y A F M H R T F E A A S I E S C S H E T F K K L  
UniRef90\_V5WH75 I R E K S P E L H H A I L S I L L D D I P V S Y I T H E Q F K A E  
UniRef90\_W1U3N0 M D S Q N L P L F Q E M Q Q L M G D I P G A Y V T H E R L K E Y  
UniRef90\_UPI0002192E10 I K T E N P D Q L A A I L A V L P N V D V T F V S H E E F K Q Q  
UniRef90\_Q9CF43 I K E N N P E Q L A I L L T K L S A D V E I V F V S H E T L K L M  
UniRef90\_F9DQS7 M K A E N F V I Y E E M E R A G S P I T E V L S H E E L K E L  
UniRef90\_Q5WC30 V R T E S P S I H Q E L E N R Q I S I R Y L P H E D L K A E  
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UniRef90\_H3NCI4 I T E H N E Q L E N I I N N S I N N I N Y V S H E E L K K Q  
UniRef90\_UPI000409C019 T E K V S N D L Y E E I K K E I G D V K I T F V S H E E L K E N  
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UniRef90\_Q88RZ2 I K V Q N P K M L T A L K K R L P D T P L T F I P H E E M K K D  
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UniRef90\_K8ZNH3 I K E N N P E L L K E L E N R F S D I D I V F I N H T E M K E R  
UniRef90\_V6Q6J6 I V P Q N P E M A Y A M Q R F S E D M I D W V I N H E T L K E Q  
UniRef90\_UPI0003032652 I K T V S P Q M N E E T L R R F P G I P V E Y V P H A E F K Q T  
UniRef90\_Q11C21 M F Q A A P L G L T E V E Q M H A R G E I G Q R E V M N H A D F K A L  
UniRef90\_G5K0Z5 I K S H N P K Q L E A F L A K L D D Q V E V D Y V S H E A F K K Y  
UniRef90\_C3WV66 I K E K N P V M L E K I L K S F E E V G M N P N I T W V K H E E F K K I  
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UniRef90\_UPI000473C539 I K E N N K E T M S Y I N E V F F D T E K Q F V S H K L K A L  
UniRef90\_A5W5E7 M Q K V V P A L V E I E R L K G K L G K R E W L T H E D F K V L  
UniRef90\_G0AFB1 L P L H S P Q L A Q Q I E A L G L V D K R T L P H A D F K R M  
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UniRef90\_G3T222 L V P S N R T L Q I P L W R H Y K Y H L P Q A G C T N S L E K F E R F A F Y E R  
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UniRef90\_F7NMA6 M P E K S R D L Y Q A L L P L L G K V D L V Q T E H E R F K E M  
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UniRef90\_L0F247 I K N H N K D V H E K L L K I F N G V S I E Y V S H N D F K K K  
UniRef90\_E6V693 A V E Q P G G T L P A W C E G Q L A V V P E T I S H E E L K R L  
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UniRef90\_W3Y470 M K Q Q N A D A H Q F L A S T F P P D Q F E W I E T S H E A F K E A  
UniRef90\_V6Z1E1 I K T E N S N Q L E K I L K K L D A S V D I V Y V S H E E L K A L  
UniRef90\_I0GTY5 I E E H N P K L H G Y I K E K L G D V E Y E Y M P H D D L K K L  
UniRef90\_UPI0002E229DA M K T Q N S P K L T A V K E L L P N V E I Q F I P H D Q M K A D  
UniRef90\_W0FMJ9 V P D A D S E S N P V W D D V R A V V E K H G Y D P A C I G T L E R M K F Y E K  
UniRef90\_E7NU43 I D K S P A I L L E G I H K L L P D V Q E C I L S H D E L K Q K  
UniRef90\_UPI0002BCE97D L V P S D R E Q T P V W P S Y Q S I L Q S R A G C A S P L A T L E R L E F Y E W  
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UniRef90\_UPI000454C20E L V P S D K E L Q T P I W N H Y E S L L L K A D C K K A L M K T E R F E F Y E R  
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UniRef90\_D7CRD7 A V P G D T L D P N V E A S F R A V V D R F Y P D T P A V A R I S R A D F Y A R  
UniRef90\_I4MVN6 I F A A S P P A L V A L E R L N E E G A L G G R E A I S H D D F K Q L  
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UniRef90\_V9G3W8 M K S E N R E T L Q Y I H E R F L D C E V E A W S H E Q L K S L  
UniRef90\_U2L1F5 I R V K N P A V L K E I Q T L L P G V R T D F M P H E E F K K K  
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UniRef90\_UPI00029AACFE I K A Q N P N Q L E A I K I L P N V E I E Y M P H A E L K K S  
UniRef90\_W7CRX2 I H T E N A A M F A Q I Q S I V G C E I E Y I E V S H E A F K E Q  
UniRef90\_W6XJH7 S A E H N A A V V E R I A Q M A S S K I E V E Q V P H E A F K Q R  
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UniRef90\_A0A037Z0U5 T L E V I S P K L Y E E I K K E L G N V K I T L I S H E E L K E K  
UniRef90\_B2A2D7 T R E V S P Q T Y H K I V D L L K Q Y N P D I Q I T E I D H E S F K K E  
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UniRef90\_W7DC12 M K Q H N M A L Y Q K M D L L F S D I D W V T H E E F K Q L  
UniRef90\_UPI0004712E07 I K T Y N Q D V Y H Q T S K F S N I K Y I S H S D F K K Q  
UniRef90\_UPI00047D6678 I D G S P D E I T V A T E R L Q K A A D A E G R P V R I A S V E R F A F Y E M  
UniRef90\_U2KQD1 P V K G D V L D D S V E A S Y V K A I K R I Y P D A P P I T R I D R F A F Y E R

		130	140	
UniRef90_C6D5S1	T R E A K A V I	R T G E A K P Y A N	V I L K A G V	
UniRef90_C4KZD1	V A K A K V V I	R T G E A T P Y A N	V I L H A G V	V I
UniRef90_G2IF98	L K K E C K A F I	R T G E Q T P Y A N	I I L K S G V	V V
UniRef90_S0FGD3	T K K V V K F A I	R T G E F T P F P N	I I L L K S G V	V
UniRef90_AONM26	T Q K A R A V I	R T G E E V T P Y A N	I I L T S G V	V
UniRef90_K0I412	T Q Q A R V M V	R T G E C T P Y A N	V I L V A G V	T
UniRef90_F0YW52	S E N A Y V I V	Q T G T T A R Y A N	V I L Q K G	V V
UniRef90_C7HWJ5	L K D V K F V I	R T G E N T P Y S N	I I L R S	
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UniRef90_W8T760	T A S S K A V I	R T G E F T P Y A N	I I L K S	V V
UniRef90_W8PHC4	S R E A R A I	R T G E E C S P Y C	N I V L J A G V	T
UniRef90_R6G767	S G K C R F A I	R T G E E T S P Y P	N V I L R A G V	V V
UniRef90_I7LDK4	L K D S K A F I	R T G E E F T P Y S	N V I L L E S G V	V V
UniRef90_B5Y646	T K E C V A V V	R T G E E Y T P Y C	N I I L R S G V	V V
UniRef90_A1TUV3	T R D A R A V I	R T G E C T P Y A N	V I L C A G V	T
UniRef90_R6ID38	T K T A K A V I	R T G E T T P F A N	V I L H S G V	V I
UniRef90_R5LEZ8	I S Y C K A I I	R T G E A T P Y A N	I I L Q S S A	C I
UniRef90_UPI0003717C44	T A G A K A I I	R T G E A K P Y A N	C I L Y A G V	V
UniRef90_V5WH75	T V D A K A I V	R S G E A R P F A N	I I L Y S G V	V V
UniRef90_W1U3N0	S H D V K A I I	R T G E A T P Y A N	V I L Q S S G	C I
UniRef90_UPI0002192E10	L G A T R A V V	R T G E S H P F A N	I I L R S G V	V
UniRef90_Q9CF43	N H E V K A V V	R T G E N T P Y S N	I I L Q S S G V	V
UniRef90_F9DQS7	S K Q S K V I I	R T G E A T P Y A N	C I L Q S S G V	V I
UniRef90_Q5WC30	T S K A K A I I	R T G E C A P Y A N	V I L R A G V	V I
UniRef90_T4VC45	T K D S M A I V	R T G E F T P Y A N	I I L K S G V	V V
UniRef90_H3NCI4	S N V A K A I I	R T G E A T P Y A N	V I L Q A G V	V
UniRef90_UPI000409C019	L K E C K A V I	R T G E Q T P Y A N	I I L K S G V	V V
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UniRef90_W6XJH7	S R V A K A I I	R T G E C S P Y A N	V I L H S G V	V I
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UniRef90_GOGEK3	S S G C K A I I	R T G E E A T P Y A N	V I L R Y A G V I	
UniRef90_B2IKF4	V K G A Y A I V	A S G E R R L Y G N I	V L R K G V I	
UniRef90_E7RG97	S K Q A K L I I	R T G E E A T P Y A N	I V L R S G V I	
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UniRef90_UPI0004665E4F	S G Q A R A F I	R T G E E C T P Y A N	V I L V A G V T	
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UniRef90_C9KQ30	S A K A K F A I	R T G E E F S P Y P N	V I L R A G V V V	
UniRef90_D7C1Q2	T A T A R L V V	R T G E E A R P Y A N	V L L R C G V V	
UniRef90_M3DWH9	T S G A R L V V	R T G E E A S P Y A N	V L L R C G V V	
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UniRef90_UPI00037955DD	S K Q V R F A I	R T G E E F T P Y P N	I I L R A G V V	
UniRef90_W0UYQ2	S K R A R A I V	R T G E E C T P Y A N	I I L V A G V V	
UniRef90_U1LXJ7	V E Q A K V V I	R T G E E A T P Y A N	V I L H A G V V I	
UniRef90_K8E8T2	S E K A R A V I	R T G E E W T P Y A N	I L L Y A G V V	
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UniRef90_D6GRT6	S E H V V C I V	R T G E E A S P Y A N	V I L Q S G V V	
UniRef90_Q5FJ20	L S E A K A F I	R T G E E E T P F S N	V I L E S G V I	
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UniRef90_I7JZZ9	S K T V K A I I	R T G E E A K P F A N	V V L T S G V L	
UniRef90_E4LAP8	T K S S K A I I	R T G E E I T P F S N	V V L E S G V I	
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UniRef90_D9WQ29	T A T A K L V V	R T G E E A R P Y A N	V L L R C G V V	
UniRef90_UPI0003159C4A	T P R A K L V V	R T G E E T R P Y A N	V V L R C S G V I	
UniRef90_D6XZQ8	V Q K A K V V I	R T G E E V T P Y A N	V I L Q S G V I	
UniRef90_B5QLP4	L S K T K A F I	R T G E E M T P Y A N	I L L E S G V T	
UniRef90_S6IQX3	S R T A R A I V	R T G E E C Q P Y S N	I A L V A G V V	
UniRef90_UPI00047A9A1D	L K D C A A V I	R T G E E Q T P F S N	L I L K S G V V	
UniRef90_UPI000303C59D	S K D V K A I I	R T G E E A T P Y A N	A I L S S G V L	
UniRef90_D5DCG4	T S K A K V V I	R T G E E A T P Y A N	C I L Q A G V I	
UniRef90_D9TQI9	S K M S K A V I	R T G E E F T S F A N	I I L Q S G V V	
UniRef90_K4R9V9	A W D A R V V V	R T G E E A S P Y A N	V L L R C G V V	
UniRef90_K0T8W6	A K G C Y A V I	Q T M E R K P Y G N I	I L L Y K G C V	
UniRef90_B0TIM6	C R Q A R A V I	R T G E E W T P Y A N	I L L Y A G V V	
UniRef90_G2FYL2	T H H A K A V I	R T G E E F T P Y A N	V V L E A G V V	
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UniRef90_T4C0L8	A E G A Y A V V	Q T G E E A A L Y G N I	I I L R K G V V	
UniRef90_R5ERS4	S A S S V A I V	R T G E E C K P F S N	V I L E S N V	
UniRef90_E3QVQ1	A K K A Y A I V	V T G E N R K Y S S V	I L K K G	
UniRef90_E8N1H2	T R D A R A V V	R T G E E F T P Y A N	V I L V S G V V	
UniRef90_B1VU78	T A A A R L V V	R T G E E A R P Y A N	V L L R C G V V	
UniRef90_G1WPM7	A G K A V L T V	C T S E T R P Y G C F	I L Q K G V	
UniRef90_U2G2T4	L G N T H A F I	R T G E E T T P Y S N	I I L E S G V T	
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UniRef90_U5VJM4	M K K T	A L L N I A L S R T I A G L G H G D L L V I G D D C G L P V P P D E T R			
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90 100 110 120

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M L D V S P P A L A E V A R L P L E R R E L M P H E E Q F K R L  
T E R L N P A I W A H L L A A S G T Q I T R S L C S H E E L K H A  
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V G G E P P Y R S A L Q R E A V A L L A G L G L D S G Q A E G V E R F A F Y E R  
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V R A A N P S T A E L L D E R V P S L S F V T H E E L K V L  
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V A E A S P H V L A A V R E R L E P L G I E V E L I P H E E Y K R R  
I T E F S P K L Y Q E I L K L V G D V D V D E L P H H E F K E Q  
Q E E V S P Q M G V K I R E A V G K E F P L E I R P H A E V K E L  
L V P S D K E Q T P V W T E Y E S I L R R A S C A T A L A K I E R F E F Y E R  
M E S S G A E L L K Y V I Q D R L A G V P A Q K L P H E D L K H I  
I K Q Q N P Q L H E T L L T H L E Q L Q Q H Q G N T I K I S Y T H E Q F K  
M Q S F S P E R V A E L K A L L P D V R W K V M A H V E F K Q L  
A P Q A L R A F A E R L P V E T M P H A Q L K D A  
M D E K S I Q T K Q E L L K L I E K M N G P V E V V T V P H K E F K E M  
V A D E L R Q S G H E I Y D T I V E K V G H A V E L V S H E E L K K I  
I K T M N P E L L E K I K L L P D T P I S F I P H E E M K K E  
M K T V S P K C L E E T L K H L P E G I E V E F V P H V K F K E L  
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90 100 110 120

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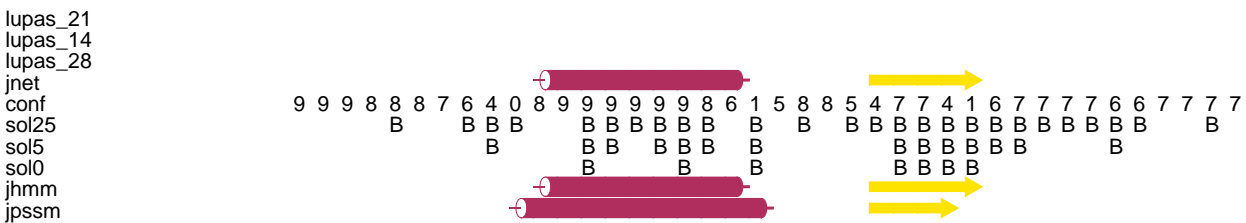
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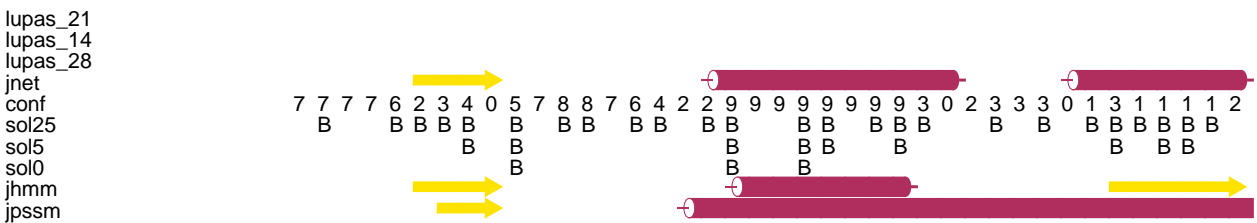
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