

QUERY	1	10	20	30	40
UniRef90_I4YCW8	E P L H V K T	P L R T K A R N S L	L S K M A G T S N I V Y L K M D S A Q	P P S G S F F K	L R R G
UniRef90_U7NJ36	V A I E T	P L T E L E A R P	S S R R R L G G N N E I H L K K R E D D L Q Q	H H V V F F F F K K	C R R G
UniRef90_UPI0003771920	V A V E T	P L E E L E A T N L	S S R R R L G G N N E I M L K K R E D D L Q Q	L L Q Q P P V V F F F F K K	L R R G
UniRef90_S9ZRR7	V A V E T	P L E E L E A T N L	S S A R R M H N R S I Y F K K R E D D L Q Q	M Q Q P P V V F F F F K K	L R R G
UniRef90_I3JX25	L H V A T	P V R E S R A L A T T K	L A G T I Y L K L D D S S Q Q Q P P V V	F F F F F F F F K K	L R R G
UniRef90_A6W2V2	L V A V E T	P L S R A N Q L S S	N R L Q G N E V L L F K K R E D D L Q Q	P P V V F F F F K K	L R R G
UniRef90_UPI0002624CA5	V A R E T	P L E A A P K L S S	A R R L Q G R E N V L L F K K R E D D L Q Q	L L Q Q P P V V F F F F K K	L R R G
UniRef90_M9MA27	L V K Q T	P L Q P A P A L S S	S E K T G G C Y V L L K K R E D D L Q Q	L Q Q P P V V F F F F K K	L R R G
UniRef90_UPI000289A54E	P V Y H K	P T L Q P A P A L S S	E V L L G N Q V L L L K K R E D D L Q Q	P P T V V F F F F F K K	L R R G
UniRef90_UPI0003A94372	V A I E T	P L Q L A A R L S S	A T L G N Q V L L L K K R E D D L Q Q	L Q Q P P V V F F F F K K	L R R G
UniRef90_UPI0003B5B30B	V A V E T	P L D E A T V S L S S	R R T G A N N I L L L K K R E D D L Q Q	L Q Q P P V V F F F F K K	L R R G
UniRef90_R4X9D7	E T	P L T T A T N L S S	E K V G A T V L L L K K R E D D L Q Q	L Q Q P P V V F F F F K K	L R R G
UniRef90_E8UG32	E T	P L D P A P L S S	A K V N N E I F F K K R E D D L Q Q	S D V V F F F F K K	L R R G
UniRef90_UPI0003B2E712	R D L F E P T	P L Q R N D R H L S S	A K A T G A N D I W L K K R E D D L Q Q	L Q Q P P V V R R S Y K L L	L R R G
UniRef90_K6W9K2	R S L I R E T	P L V R N D R L S S	R A T G A N V W V K K R E D D L Q Q	L Q Q P P V V R R S Y K L L	L R R G
UniRef90_E1VFW0	V A E E T	P L D P A T P F L S S	Q R L N N R I V L L K K R E D D L Q Q	L Q Q P P V V F F F F K K	L R R G
UniRef90_UPI0003789379	A I E T	P L E E A T A L S S	A Q L H K I L L K K R E D D L Q Q	L Q Q P P V V F F F F K K	L R R G
UniRef90_F9DMH6	K D V V A H T	P L Q K A N E R L S S	E K Y D C H V I L K K R E D D L Q Q	L Q Q P P V V F F F F K K	L R R G
UniRef90_B8KLB3	V A R E T	P V D Q A M L L S S	K R F G N S I W L K K R E D D L Q Q	P V V F F F F F K K	L R R G
UniRef90_M5DYB0	K G V A I K T	D L D K S R T F S S	E R M S G A D I V Y L K L K E N D L Q Q	S P P T G S F F F F K K	L R R G
UniRef90_UPI0003FCD3A3	I V K E T	P L Q E A V N L N A K I	G S K I Y L K K R E D D L Q Q	P V V F F F F F K K	L R R G
UniRef90_S2KJH1	L A V R T	P L Q A A P A L S S	E A L G N Q V L L K K R E D D L Q Q	P T V V F F F F K K	L R R G
UniRef90_K9NKK6	V A V E T	P L Q P A R Q L T E R L	S S R R L E G N Q V L L K K R E D D L Q Q	P P V V F F F F K K	L R R G
UniRef90_S6BAJ4	V I Q E T	P L T H A V N M S N R	L E C K V L L K K R E D D L Q Q	L L P V V F F F F F K K	L R R G
UniRef90_CORYW0	K E I I R E T	D M I Y A P N I R K	G T N V Y L K T E N I L Q Q	V T G S F F F F K K	L R R G
UniRef90_R5XVL1	K H I I V T	P L L E S A W N L S S	A A G T T V F L K T E N I L Q Q	V T G S F F F F K K	L R R G
UniRef90_G3WQ19	L A I E T	P L D E A R L S S	Q R T G N T V L L K K R E D D L Q Q	P V V F F F F F K K	L R R G
UniRef90_B3PGI4	K G L A Y T	A L E F S N T I S S	K A G C K Y L K E N E N L Q Q	K T G S F F F F K K	L R R G
UniRef90_S0B5H2	L E G N T	P L I P L E K L S S	E Q L G C E I Y G K F E N G L N	P T G S F F F F K K	D R R G
UniRef90_V6J0Y8	V A N E T	P L D V M A R L S S	K R L H N T I L I K K R E D D L Q Q	P V V F F F F F K K	L R R G
UniRef90_UPI0004715183	V A R E T	P V D Q A A L M S S	R L D N R V W L K K R E D D L Q Q	P P V V F F F F K K	L R R G
UniRef90_CON6U8	R S V I R E T	P L T D R M V R L S S	Q R L H R E V V L K K R E D D L Q Q	P P V V F F F F K K	L R R G
UniRef90_B7S0Z3	R E V C K E T	P L V H A V G L S S	N A R T G A N V W V K K R E D D L Q Q	P P V V F F F F K K	L R R G
UniRef90_UPI000367B07D	V I R S T	P L D Q S E T F S S	E M T G C Q V F F K L E N L Q Q	K T G S F F F F K K	L R R G
UniRef90_H5UML0	K D V I I K T	P L Q R N E L L S S	N R Y G C N V Y L K K R E D D Q Q	V V R S F F F F K K	L R R G
UniRef90_UPI0004688EE3	V A R E T	P L E R A R N L S S	A R L G N A V Y L K K R E D D Q Q	P V V F F F F F K K	L R R G
UniRef90_C4I458	V A K K T	P L E F Q P N L S S	A R L G N R I Y L K K R E D D M Q	P V V F F F F F K K	L R R G
UniRef90_UPI0003765BD7	K Q L V N K T	P L T V Y H H L S S	K K Y G C N I Y L K K R E D D Q Q	L Q Q P P V V F F F F K K	L R R G
UniRef90_UPI00036C2B33	V A V E T	P L T P A K S L S S	R R L A N T V L L K K R E D R O	P P V V F F F F K K	L R R G
UniRef90_I0HMB2	V A I E T	P L E P A P N L S S	R R F N A N T I L L K K R E D D L Q Q	P V V F F F F F K K	L R R G
UniRef90_G2J366	R D L F P P T	P L Q R N A H L S S	E R F G A D I W L K K R E D D L Q Q	P V V F F F F F K K	L R R G
UniRef90_W8SLY9	E T	P V T S A H G L S S	E K L G C K V L L K K R E D D L Q Q	P V V F F F F F K K	L R R G
UniRef90_Q6CAI4	G N T	P L I P L P L S S	K E L G I E L Y G K Y E G L N	P T G S F F F F K K	D R R G
UniRef90_D7UVV2	K K V V N K T	P L M Y N H N L S S	K K Y Q C T V Y L K K R E D D Q Q	V V R S Y K L L R R G	
UniRef90_G8TK74	E P F Y R V S	P L L Q S W A L S S	Q V A G T T V F L K C C E N V L Q Q	P S G S F F F F K K	L R R G
UniRef90_UPI00022B2B5D	K G V V T K T	P L Q Y N K N L S S	R Q Y S C N V Y L K K R E D L Q Q	L Q Q P P V V R S Y K L L R R G	
UniRef90_UPI0003667A3A	V A I E T	P L E T A P N L S S	R R T G N R I L L K K R E D D M Q	S V V F S F F F K K	L R R G
UniRef90_UPI00046A8BED	G V A H R T	P L D F S A T F S S	E M T G N D V F L K L E N M Q	K T G S F F F F K K	L R R G
UniRef90_A5D660	K D V V K R T	P L Q L D P L L S S	D R Y N C C N V Y L K K R E D L Q Q	E V R S F F F F K K	L R R G
UniRef90_K0J495	V A R E T	P L E P E T F S S	E S V S C C K V F C K L E N L Q Q	K T G S F F F F K K	L R R G
UniRef90_F6DMQ7	A R Q T	P L E H S T T F S S	E R T G A D V R L K L E N F Q	R T G S F F F F K K	L R R G
UniRef90_Q3ITA5	L E G A T	P L V K A N H L S S	E V T G C E V Y L K V E G L N	P T G S F F F F K K	D R R G
UniRef90_G7H6P4	K D V V V K T	P L Q R D T L S S	E R Y E A D V Y I K K R E D L Q Q	V V R S F F F F K K	L R R G
UniRef90_UPI0004219B27	V I E E T	P L I S R A P L S S	R L N T N V K L K R E D L L N	P V V F F F F F K K	L R R G
UniRef90_Q3AAV4	V I E E T	P L I S R A P L S S	R L N T N V K L K R E D L L N	P V V F F F F F K K	L R R G
UniRef90_Q6CMJ3	V I E E T	P L I S R A P L S S	R L N T N V K L K R E D L L N	P V V F F F F F K K	L R R G
UniRef90_B0TFR5	V I E E S	P M S E A K L L S S	A K L D T N V C L K K R E D L L	P V V F F F F F K K	L R R G
UniRef90_Q75BN9	I G N T	P L T R L N S L S S	E E S D A E I L G K A E F M N	P G G S V K D R A	
UniRef90_R9ADD6	K D V V E H T	P L Q K S D L S S	E R Y E C C E V Y L K K R E D L Q Q	N V R S F F F F K K	L R R G
UniRef90_UPI0002F7D59D	K G I V K K T	P L E Y N Q R L S S	E R Y Q C E V Y L K K R E D L Q Q	L Q Q P P V V R S Y K L L R R G	
UniRef90_F0SDC2	G N T	P L L K L E K L S S	E K Y G I N A Y A K F E N G L N	P T G S F F F F K K	L R R G
UniRef90_N4WRX2	K G V A H R T	P V L R S R T L D E	L V G A E V F L K C C E N F Q	R L I G A F K K D R R G	
UniRef90_UPI00035E1E8C	V A R E T	P L I R L E T L S S	E R W N V D L Y V K L E G A N	P T G S F F F F K K	D R R G
UniRef90_F5L782	K P Y I H R T	P V L Q S R N L R E	L S G A E V F I L K C C E N L Q	K V G A F K M R R G	
UniRef90_M7NPJ0	I G N T	P L I V R A E N L S S	K E L G L D L Y F K Y E G L N	P T G S F F F F K K	D R R G
UniRef90_C6J239	I G N T	P L I R L A K L S S	A K T G C D I F G K A E F L N	P G G S V K D R A	
UniRef90_B5WAH7	V A V E T	R L D P A P S L S S	A R I H N R I V L L K K R E D M Q	Q V V F S F F F K K	L R R G
UniRef90_QOAGW7	H C I G N T	P L I K L Q R L A A	H T G S E I W L K L E G N M	P A G S V K D R A	
UniRef90_C6CHZ0	E G R V R R T	P L L S S P M L D E	L C G A R V L V K A E A L Q	L T G S F F F F K K	L R R G
UniRef90_K1E6W6	I G R T	P L L R L N K L S S	D E T G C E I L G K A E F M N	P G G S V K D R A	
UniRef90_G1X2B6	G Y V L K T	P C T R A H M S D R	L G M E I Y L K Q E F M Q	H T G G C F K E R G	
UniRef90_G6CJX7	D G V I V H T	P L E H S R A L G R	M M N A T V H L K C C E N L Q Q	R A G S F F F F K K	L R R G
UniRef90_UPI000255D061	I G N T	P L L P L C H L S S	E K Y G V E I L Y V K Y D G A N	P T G S F F F F K K	D R R G
UniRef90_D6Y1F7	I G N T	P L I R L N S L S S	E A T G C N I L G K A E F L N	P G G S V K D R A	
UniRef90_Q31RW6	P W I H R T	P V L T S H T L N K	L C C E A E L Y F K C C E N L Q Q	R T G S F F F F K K	L R R G
UniRef90_D5SX15	K K V I R P T	A V I P F D L S S T	N H V Y L K T E N L Q R T	G S F F F F K K	L R R G
UniRef90_V5FQJ3	K N Y I K N I	P L Y Y S N T F S S	E L K G G D I Y L K L E N L Q Q	R T G S F F F F K K	L R R G
UniRef90_R5ZZK2	R D Y I R E T	P L D Y S P F L S S	Q K G N A N V Y L K L E N F Q	L T G S F F F F K K	L R R G
UniRef90_D3PA88	V A R E T	P M E S S R F L A E	L I G S P V Y L K C C E N Q R T	G S F F F F K K	L R R G
UniRef90_C6A2V6	K G V A R R T	P L F Y T S T F S S	K I S G Y E V Y L K C C E N K Q	K T G A F F F F K K	L R R G
UniRef90_M5BAB3	G V V V N T	P L M L N I Q L S S	E R Y G A N I W L K K R E D M Q	P V V R S Y K L L R R G	
UniRef90_A0Q0J5	I G N T	P L L E I T S L S S	K L T G C R I L A K A E F M Q	P S G S V K D R A	
UniRef90_G9PSC0	E G K I H R T	P T L R S E N L S S	R I V G G D V Y L K L E A L Q	K T G S F F F F K K	L R R G
UniRef90_UPI00024TD89	I G N T	P L I R L K K L S S	E Q T G C E I L G K A E F Q N	P G G S V K D R A	
UniRef90_A3MWR0	E T	P L R S P A K L S S	A L R G A Q V Y L K R E D L Q Q	P V V H S F F F F F K K	L R R G
UniRef90_M2N662	P H I R R T	P V R T S D Y L S S	D L A G C Q L F F K C C E N F Q	E P G A F F F F K K	L R R G
UniRef90_UPI00036B910A					
UniRef90_A3XE51					

QUERY UniRef90_I4YCW8 UniRef90_U7NJ36 UniRef90_UPI0003771920 UniRef90_S9ZRR7 UniRef90_I3JX25 UniRef90_A6W2V2 UniRef90_UPI0002624CA5 UniRef90_M9MA27 UniRef90_UPI000289A54E UniRef90_UPI0003A94372 UniRef90_UPI0003B5B30B UniRef90_R4X9D7 UniRef90_E8UG32 UniRef90_UPI0003B2E712 UniRef90_K6W9K2 UniRef90_E1VFW0 UniRef90_UPI0003789379 UniRef90_F9DMH6 UniRef90_B8KLB3 UniRef90_M5DYB0 UniRef90_UPI0003FCD3A3 UniRef90_S2KJH1 UniRef90_K9NKK6 UniRef90_S6BAJ4 UniRef90_CORYW0 UniRef90_R5XVL1 UniRef90_G3WQ19 UniRef90_B3PGI4 UniRef90_S0B5H2 UniRef90_V6J0Y8 UniRef90_UPI0004715183 UniRef90_CON6U8 UniRef90_B7S0Z3 UniRef90_UPI000367B07D UniRef90_H5UML0 UniRef90_B2AMV8 UniRef90_F6B4G6 UniRef90_UPI0004688EE3 UniRef90_C4I458 UniRef90_UPI0003765BD7 UniRef90_UPI00036C2B33 UniRef90_I0HMB2 UniRef90_G2J366 UniRef90_W8SLY9 UniRef90_Q6CAI4 UniRef90_D7UVV2 UniRef90_G8TK74 UniRef90_UPI00022B2B5D UniRef90_UPI0003667A3A UniRef90_UPI00046A8BED UniRef90_C3X6C0 UniRef90_A5D660 UniRef90_K0J495 UniRef90_F6DMQ7 UniRef90_Q3ITA5 UniRef90_G7H6P4 UniRef90_UPI0004219B27 UniRef90_Q3AAV4 UniRef90_Q6CMJ3 UniRef90_B0TFR5 UniRef90_Q75BN9 UniRef90_R9ADD6 UniRef90_UPI0002F7D59D UniRef90_F0SDC2 UniRef90_N4WRX2 UniRef90_UPI00035E1E8C UniRef90_F5L782 UniRef90_M7NPJ0 UniRef90_C6J239 UniRef90_B5WAH7 UniRef90_Q0AGW7 UniRef90_C6CHZ0 UniRef90_K1E6W6 UniRef90_G1X2B6 UniRef90_G6CXJ7 UniRef90_UPI000255D061 UniRef90_D6Y1F7 UniRef90_Q31RW6 UniRef90_D5SX15 UniRef90_V5FQJ3 UniRef90_R5ZZK2 UniRef90_D3PA88 UniRef90_C6A2V6 UniRef90_M5BAB3 UniRef90_A0Q0J5 UniRef90_G9PSC0 UniRef90_UPI00024TD89 UniRef90_A3MWR0 UniRef90_M2N662 UniRef90_UPI00036B910A UniRef90_A3XE51

50 60 70 80

UniRef90_UPI0003771920 UniRef90_UPI0002624CA5 UniRef90_UPI000289A54E UniRef90_UPI0003A94372 UniRef90_UPI0003B5B30B UniRef90_UPI0003FCD3A3 UniRef90_UPI000367B07D UniRef90_UPI00036C2B33 UniRef90_UPI00022B2B5D UniRef90_UPI0003667A3A UniRef90_UPI00046A8BED UniRef90_UPI00035E1E8C UniRef90_UPI000255D061 UniRef90_UPI00036B910A

QUERY	90	100	110	120
UniRef90_I4YCW8	I L M P K N T P S I L K W K S V R D L G A K V I L H G D N F D E A K A E C F R L V	100	110	A F E L A K A L A
UniRef90_U7NJ36	I V M P Q R T T P E I I K V S A V R D S H G A R V V L L K G D A F S D D E A A A H A Q E L I			D E A A A H A Q E L I
UniRef90_UPI0003771920	I V M P R Q T T P E I I K V S A V R D S H G A R V V L L K G D A F S D D E A A A H A Q E L I			D E A A A H A Q E L I
UniRef90_S9ZRR7	I V M P S T T T P Q I I K I D A V K A D E M G G E V V L V G G E S Y S D A Y A H A L E L E			D A Y A H A L E L E
UniRef90_I3JX25	I I V P N V T T P N I I K V S A V R D S H G A R V V L L K G D A F S D D E A A A H A Q E L I			D E A A A H A Q E L I
UniRef90_A6W2V2	I V M P A T T T P E I I K V S A V R D S H G A R V V L L K G D A F S D D E A A A H A Q E L I			D E A A A H A Q E L I
UniRef90_UPI0002624CA5	I V M P A T T T P E I I K V S A V R D S H G A R V V L L K G D A F S D D E A A A H A Q E L I			D E A A A H A Q E L I
UniRef90_M9MA27	I V M P K G T T P E I I K T A N V K R L G A K V V L F G Q D F D E A K A E C T R L S			D E A K A E C T R L S
UniRef90_UPI000289A54E	I V M P T S T T P E I I K V S A V R D S H G A R V V L L K G D A F S D D E A A A H A Q E L I			D E A A A H A Q E L I
UniRef90_UPI0003A94372	I V M P V T T T P A I I K V H G V R S R G A Q V L L H G D A F P E A L A F A L A L A			P E A L A F A L A L A
UniRef90_UPI0003B5B30B	I V M P V T T T P A I I K V H G V R S R G A Q V L L H G D A F P E A L A F A L A L A			P E A L A F A L A L A
UniRef90_R4X9D7	V V M P A G T T P S I I K H S N V S R L L G S K V V L I G Q N F S D E A K L E G A R L L A			S D E A K L E G A R L L A
UniRef90_E8UG32	I C M P V S T T P T V K V N A V R R L G A E V V L H G E S Y T E T Q T H A K H L			T E T Q T H A K H L
UniRef90_UPI0003B2E712	I F M P V T T T P Q Q K K V Q K T R V F F G G D A I E I V L T L G D Y D D A A A A H A D			D Y D D A A A A H A D
UniRef90_K6W9K2	V Y V P R T T T P R Q K R D R I A G R F G S V E I I V G G E A Y D F D D A A A A H A D			D F D D A A A A H A D
UniRef90_E1VFW0	I V M P K T T T P D I I K V A A V K A L G G K V V L H G D T F D Q A Y A H V Q E L			D Q A Y A H V Q E L
UniRef90_UPI0003789379	I V M P A T T T P E I I K V S A V R D S H G A R V V L L K G D A F S D D E A A A H A Q E L I			D E A A A H A Q E L I
UniRef90_F9DMH6	I F M P Q T T T P K Q K V E A T K R M F G R D R I E I L L V I G S D T F D D A C F E Q A I			D T F D D A C F E Q A I
UniRef90_B8KLB3	I V M P R T T T P S I I K V D A V R G R G A H V V L H G D N F D E A S R H A Q K L			D E A S R H A Q K L
UniRef90_M5DYB0	I V M P E G A P I I G K I N A T Q G Y G A D V I L S G E S Y D E A H A E E E R F			D E A H A E E E R F
UniRef90_UPI0003FCD3A3	I F M P V T T T P Q Q K L H K K T R T F G G D A I E V R L T L G D Y F D D T S A K A F			D Y F D D T S A K A F
UniRef90_S2KJH1	I V M P I P T P A I T K W R N V A R L G A E V V L F G N D F D E A K K E C A R L T A			D E A K K E C A R L T A
UniRef90_K9NKK6	I V M P C T T T P Q L K V I G V R S R G A D A V L H G G E S F P F A L L A T Y A L E L A			D P F A L L A T Y A L E L A
UniRef90_S6BAJ4	I V M P R T T T P E L K V I Q G V R A R G G K V V L H G D A F P F A L L A T Y A L E L A			D P F A L L A T Y A L E L A
UniRef90_CORYW0	I V M P S G T T P A I I K H R N V A R L G G T V V L H G P D F D S A K M E A A R L			D S A K M E A A R L
UniRef90_R5XVL1	I C L P A G A P I I S K V E A T K R F G A E V C M V E G V F D D D A Y N K A L E L R			D D D A Y N K A L E L R
UniRef90_G3W0Q19	I V L P A G A H P A L L R R A L E R E F G A E V Q M V G K V W D D D A N L K A Q E L V			D D D A N L K A Q E L V
UniRef90_B3PGI4	I V M P R T T T P A I I K V D A V R K A R G A K V L H G D S Y D E A S A H A K K L			D E A S A H A K K L
UniRef90_S0B5H2	I V M P E F A S T A K L A A T K G Y G A E V I L H G K V F D E S L A Y A M K L C			D E S L A Y A M K L C
UniRef90_V6J0Y8	I V I P K G K I A L G K L A Q S V M Y G A K I F E V N G N F D D Q A L D I V R Y T			D F D D Q A L D I V R Y T
UniRef90_UPI0004715183	V I I P N G K I A Y G K L A Q A M Y G A H I I S I D G N F D H A L Q M V R K I S			D H A L Q M V R K I S
UniRef90_CON6U8	I V M P R T T T P Q I I K V D A V R A L L G A E I N L L H G N S Y D D A G A Y A T D I			D D A G A Y A T D I
UniRef90_B7S0Z3	I V M P R T T T P Q I I K V D A V R A L L G A E I N L L H G N S Y D D A G A Y A T D I			D D A G A Y A T D I
UniRef90_UPI000367B07D	I V M P V T T T P A I I K V D A V R H F G G E V V L S G D T F D D A Y A A A R K L G			D D D A Y A A A R K L G
UniRef90_H5UML0	V Y V P S T T T P R Q K R D R I T G A G H V D L V D G E T Y D D A A A A A R A R D			D D D A A A A A R A R D
UniRef90_B2AMV8	I V M P K G T T P S I I K H L N V S R M G G H V V L H G A D F D E A K E E C A R R E			D E A K E E C A R R E
UniRef90_F6B4G6	I V M P E G A P I I T K V Q A T E A Y G A K V V L K G Q V Y D E A F A A A E E I			D E A F A A A E E I
UniRef90_UPI0004688EE3	I F M P S T T T P R Q K I S D A V R A H G G P T V E V I Q A G E S Y S Y A H A V K V I			D T F D D A S Y A H A V K V I
UniRef90_C4I458	I V V P V T T T P Q Q K V I S D A V R A H G G P T V E V I Q A G E S Y S Y A H A V K V I			D T F D D A S Y A H A V K V I
UniRef90_UPI0003765BD7	I V M P T T T T P L I I K I N A V K S R G A E V V L F G D S Y T D A Y V H A L T L			D T D A Y V H A L T L
UniRef90_UPI00036C2B33	V F M P S T T T P R Q K I S D A V R A H G G P T V E V I Q A G E S Y S Y A H A V K V I			D T F D D A S Y A H A V K V I
UniRef90_I0HMB2	V V M P V T T T P R L K V D A V A A L G G E V V L H G D S Y S D F A Y A H A V E L Q			D S D F A Y A H A V E L Q
UniRef90_G2J366	I V M P V T T T P Q V K I D G V T R R F G G K V V L S G E S F S D A Y Q H A M K L V			D S D A Y Q H A M K L V
UniRef90_W8SLY9	I F M P V T T T P E Q K L M K T R R F G G A V T I E L T G D F D D D T L A A A Y			D F D D D T L A A A Y
UniRef90_Q6CAI4	I V M P L A T T P S I I K H S N V S R L L G S K V V L H G D D F D S A K A H C K Q L			D F D S A K A H C K Q L
UniRef90_D7UVV2	I V I P D G K V A L G K L A Q A V M Y G A D I I A I E G N F D E A L Q A V R E L			D E A L Q A V R E L
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UniRef90_UPI0003667A3A	I F M P S I T T P K Q K I D Q T K M F G E A N I E I L T L G D T F D D C A A A A Y			D T F D D C A A A A Y
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UniRef90_C3X6C0	I A M P T T T T P Q Q K I E A V R A H G G E N V E V R L V I G D Y F D K T L E A S F			D Y F D K T L E A S F
UniRef90_A5D660	I V M P A G A P I I S K I A A T R G Y G S E V V L A G G G Y D E A Y R L A V E L			D E A Y R L A V E L
UniRef90_K0J495	I F M P T T T T P R Q K V D R A V F F G G D Y V D I I L T L G D T F D D D A S D E S Y			D T F D D D A S D E S Y
UniRef90_F6DMQ7	I V M P E G A P I I T K I E A T R A Y G A E V V L R G Q V Y D E A F A A Q E I R			D E A F A A Q E I R
UniRef90_Q3ITA5	I V M P E H A P I I S K I N A T R S Y G A E V R L H G I D Y D A A A E R A H E I E			D A A A E R A H E I E
UniRef90_G7H6P4	V L I P E G K I A M G K L A Q A V M F H G A K I I Q V Q G N F D D C L E L A R K V			D F D D C L E L A R K V
UniRef90_UPI0004219B27	I F M P S T T T P R Q K V S R V E F G G E P F V E V R L V I G D T F D D A Y A E Q T			D T F D D A Y A E Q T
UniRef90_Q3AAV4	V L I P E G N I A L G K L A Q A F Y G A K V I A I K G N F D E A L K L V R E I G			D E A L K L V R E I G
UniRef90_Q6CMJ3	I V M P V S T T P S I I K Y Q N V S R L L G A Q V V L Y G D D F D E A K L E C A R L L A			D E A K L E C A R L L A
UniRef90_B0TFR5	V I I P E G K I A L G K L A Q A L Y G A K V I A I E G N F D E A L K I V R D I C			D E A L K I V R D I C
UniRef90_Q75BN9	I V M P T S T T P S I I K Y N S V A A M G A E V V L Y G K D F D E A K A E C A R L A			D E A K A E C A R L A
UniRef90_R9ADD6	I Y M P N T T T P S A E K I D L L R M L G A E V H P V P D N P Q N Y N H Q A K R H A			D Q N Y N H Q A K R H A
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UniRef90_N4WXR2	V V I P E G K I A G K K L A Q A V M Y G A E I Y S L K G N F D D D A L K I V R K L			D D D A L K I V R K L
UniRef90_UPI00035E1E8C	I V M P E D T T P A S K L A A T A G Y G A E I V T Y D R Y T G D R V A L G E A L A			D G D R V A L G E A L A
UniRef90_F5L782	I V I P Q G K I A L G K L A Q A M Y G A E I Y A I E G N F D Q A L A M V R E I A			D Q A L A M V R E I A
UniRef90_M7NPJ0	I V M P K T A P K V K V A A V K M Y G A E I F C E P T L Q A R E S T L E A V V			D E I F C E P T L Q A R E S T L E A V V
UniRef90_C6J239	V L I P N N N I A L G K L A Q A M I Y G A K V I A I E G N F D R A L E I V R D I			D F D R A L E I V R D I
UniRef90_B5WAH7	I V I P E T Q S P E K M D L L R V L G A E V H A V P A V P Y K D P N N Y K V A			D E V H A V P A V P Y K D P N N Y K V A
UniRef90_Q0AGW7	I V M P T T T T P Q I I K V D A V R A F G G E V V L H G N N F D E A K A E A E R L			D E A K A E A E R L
UniRef90_C6CHZ0	L L M P E N M S L E R Q A S M R A Y G A E L L L V N Q Q G M E G A R D L A R Q			D L L L V N Q Q G M E G A R D L A R Q
UniRef90_K1E6W6	I V M P Q D A P Q I K V D G C R W W G A E V V F Y D P A T Q D R E V V G R E L			D E V V F Y D P A T Q D R E V V G R E L
UniRef90_G1X2B6	I Y M P N T T T P S Q G K I D L L R L L G A E V Y P V P N P E N Y N H Q A K R H A E			D Q N P E N Y N H Q A K R H A E
UniRef90_G6CJX7	V V M P V T T T P I T K L T K C Q N F G A K T I Q H G D N M A E A K H A Y A M A L S			D T I Q H G D N M A E A K H A Y A M A L S
UniRef90_UPI000255D061	I Y M P R G V A L P K L A A T R D H G A D V V L H G S N V D E A L A E A Q R Q S			D E A L A E A Q R Q S
UniRef90_D6Y1F7	I V I P D G K I A M G K L A Q A V V Y G A E I V S I E G N F D H A L Q M V R N			D E H A L Q M V R N
UniRef90_Q31RW6	I V I P E T Q S Q E K I D L L R L L G A E V R T V P A V P Y R D P N N Y K V S			D E V R T V P A V P Y R D P N N Y K V S
UniRef90_D5SX15	I V M P G N A P K A K I E S T R R L G G N V I L C E P T A A A R Q M A A D Q L V			D E A A A R Q M A A D Q L V
UniRef90_V5FQJ3	I V M P K T T T P D I I K V D A V R A F G G E V V L H G N N F D E A K A E A E R L			D E A K A E A E R L
UniRef90_R5ZZK2	I C M P D N A P I S K I E A T K S Y G A E V C L A E G A Y D D A Y A L A C K M A			D D A Y A L A C K M A
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UniRef90_C6A2V6	V F L P E N A S P A K I Q D I K Q Y N V E L R F Y G N D T V K T E I F A R N F A			D V E L R F Y G N D T V K T E I F A R N F A
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UniRef90_A0Q0J5	I V M P A T A P Q A K V E A T K G Y G A E V V Q Y G Q V Y D E C Y A K A V E I Q			D E V V Q Y G Q V Y D E C Y A K A V E I Q
UniRef90_G9PSC0	I F M P K P T P K Q K I N Q V K M F G K D N I N I V L T G D T Y D D A C S E A W A			D N I N I V L T G D T Y D D A C S E A W A
UniRef90_UPI00024TD89	F T M P D K T S S E K I E L M T V L G A D V H V I Q P S V I A M D D P L H F Y N E V A			D V H V I Q P S V I A M D D P L H F Y N E V A
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UniRef90_UPI00036B910A	I V M P K T T T P Q Q K I E A V R A H G A E V I L E G D S F E A Y C A K R E R M			D E V I L E G D S F E A Y C A K R E R M
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QUERY K N N P G W V Y I P P F D D P L I W E 140 H A S I V K E L K 150 W E K P G A S I A 160
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UniRef90_S6BAJ4 D E K G Y V Y I H P Y D D D P E V I A G Q G T V A M E I L L R Q H P G R L D A I F
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A F H [L] K L S K [L] P K G S D V V T A S A G N H A Q G [V] A L S A S F L G Y K A T
A Y A R I A R S P E E R K R G V V A A S A G N H A Q G [V] A W A S E M G V A S T
A F N A L S R F D A A Q R Q A G V I A S S A G N H A Q A I A L A A R L L G L P A T
A Y N M M A K T K E D L E R G V V C C A S A G N H A Q G [V] A L A A K K L G C D A V
A Y N L I A Q L S P E Q R E R V I C C A S A G N H A Q G [V] A F A C A R L L G V K A R
M [V] M A V A K A I E S G S R S V I C C A S T S G N T S A S A A A Y A A K A G I R A I
A Y Y K I S T L S P E E R K G V I T A S A G N H A Q G [V] A Y A A K K Y G V K A V
A Y Y I K T L S E E R K N G V V A A S A G N H A Q G [V] A F A S M I E K I N C T
A F N L A S L D P S R R K A G V V A F S S G N T H A Q A I A L S A S L L D M P A T
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A R Y M I E K A E Q S G R [K] P I E N S S G N T A I G L A M V A I Q K G Y K C K
A Y N R I A R D A E A Q R A G V V A A S A G N H A Q G [V] A W A A S Q V G I E S T
A [L] G V V E D A E A Q G R [Q] P V E G T A G N T G I G L A H V C R A K G Y K C V
M [V] L A V A K A K E A G K D T V I C A S T S G N T S A S A A A F A A R A D M Q A V
A F S M I L D R A E R R G E [Q] P I E A T S G N T G I A L A M I A A M K G Y A L K
A Y [V] R M S R S P Q E R A R G V V A A S A G N H A Q G [V] A L A A R M L G I D A V
I [S] N M I L K E L E R G K V R L V A S S A G N A G L A A A Y V T K K L N V P L D
A [L] Y L V R A A E E K G Y L K V I E G T A G N T S A S G L A H V C R A K A Y R L I
M T M A I L S K A K E E G A K A V I C A S T A G N T S A S A A A Y A R R A G L K A F
G I V A R L L A E Q P G L P G I I T A T R G N T H G Q S V A R A A Q A L G L R C V
M T M A I S K A A E E E G A K A V I C A S T S G N T S A S A A A Y A V R A G L T C A
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A I N A I M Q T E E E R K V G V V T H S S G N F G Q A L A L A N N L G V T A H
A L A A E R R G E L Q P G G V I V E G T A G N T V G I G I A L V A N V R G Y R S V
A Y N K I N L P A D L L A K G V I A V S A G N H A Q G [V] A L S A T R L K I P A V
A Y N M I K C A L E R G T I R P I E A T S G N T G I A L A M V A N L L G V D M T
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A Y N A I S A S E A V R A R G V L S E F S S G N H A Q A I A L A S Q L L G I P A T
A Y Y M M E K G E [L] K P G M T L V [P] T T G N T G I A F S A L G S V L G F K V L
M T I A V S K A K E A G A Q A V L C A S T S G N T S A A A A A Y A A R A G L R A Y
A [L] Q I V S E A L A D G R L P T E G T A G N T G V S L A M V A A A Y G C R C S
A A N A V L K A P S Q M A K G V A T H S S G N H A A A L A R A A K V A G I P A F
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G M G L I R D G E R S G R G T I I E P T A G N T G I G L A L A A V G T G Y R V I
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A [L] V L L S L P P E E R K V G V I A M S A G N H A Q A V A Y H A Q R L G I P A T
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E N I T V K T P L L H S D T F S K L S S N D V I F M K C E E N L Q V T G A Y K L R G
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E G C I G N T P L L R L R S L S E A L G C E V L A K A E F L N P S G S P K D D R V
L I G Q T P L V K L N R I S A P G G A K V Y L K M E M M N P S G S V K D D R A
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170 180 190 200

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

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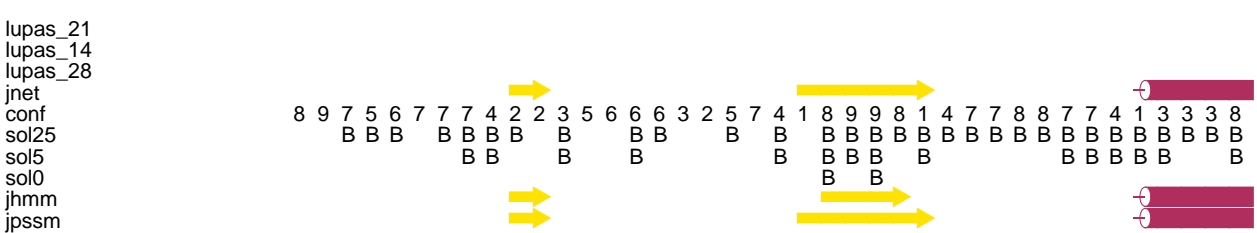
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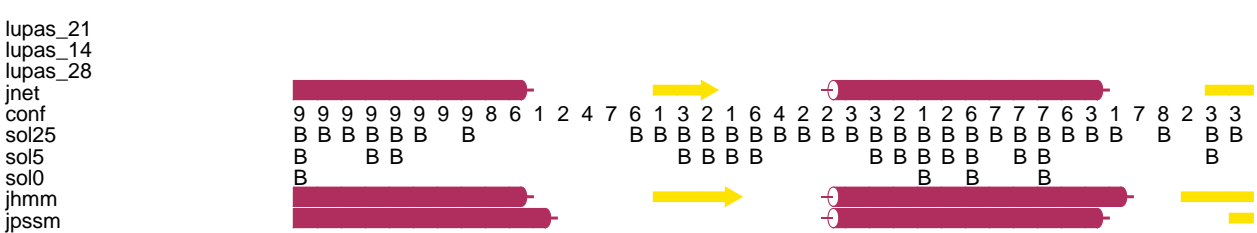
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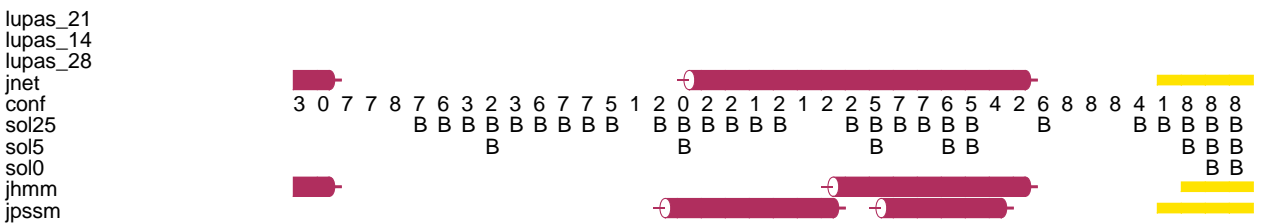
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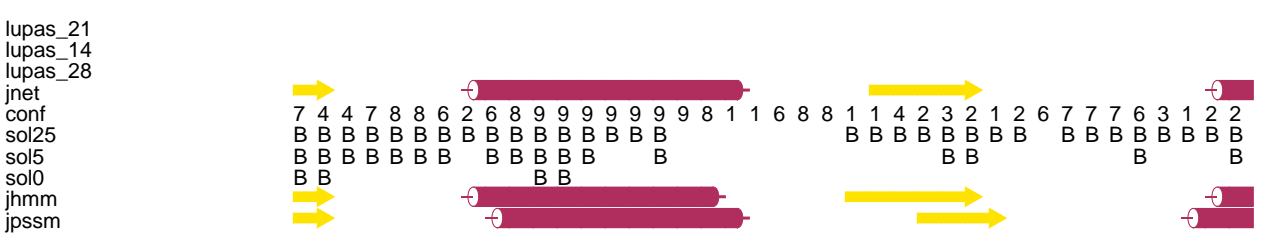
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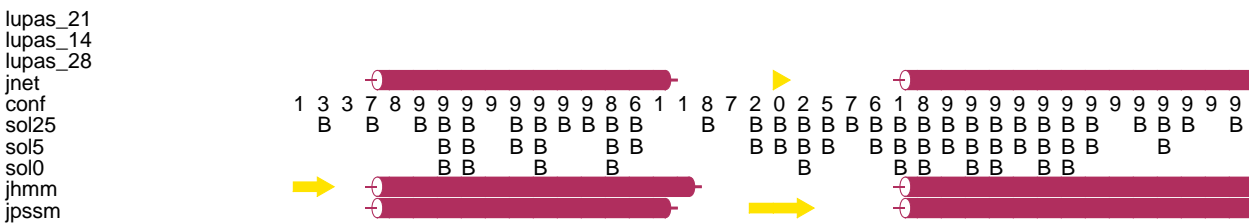
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