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

QUERY			130		140
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UniRef90_B8G5X1	K T M Q I	D G I R R L	L L A	K R G G R S	G D W Q R
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UniRef90_K9FN67	K S M Q I	E D I R R L	L L K	K T G G K S	G D Y T
UniRef90_E1V434	K D M E I	G A I R L L	H L D	E K S G G A	S G D Y R R
UniRef90_Q15TW3	P S M T I	D G I K V L	L L E	K K Q G G K	N G D Y W Q R R
UniRef90_F6CPZ0	R A M L I	Q N I R R L	V S	K S G G K S	G E F R R R
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UniRef90_W4Z2R9	H D M V I	A E V V R L	L L E	Q K T G G Q	R G D F Y R
UniRef90_V7I0J6	K N M I I	E D I K V L	L L R	K T G G K S	G T F E R
UniRef90_B2UGE9	R G M V I	G D V V R L	L M	E K R T G G	K S G D W
UniRef90_T1J5S9	K S L E I	S D I K L L	L T	K T G G K S	G D F S R
UniRef90_Q1MYT8	K A M T I	S G V R V L	L E	K H G G K S	G H Y Q
UniRef90_H5TCN0	P N M T I	H S I R V L	L E	K T G G K T	G H W Q R
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UniRef90_C7RBV2	K G L V I	G P T R R L	L L E	K S G G K S	G H W
UniRef90_UPI00036FB101	K E M H I	E G I T R V	L L E	K S G G R S	G H Y
UniRef90_D1C7Z1	R G M V I	D Q I R R L	L L E	K R G G R S	G T W R R
UniRef90_UPI0003816A49	R G M R I	D G I R R L	L L E	K A G G K S	G H W T
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UniRef90_G4STI7	R G M T I	Q G V R R L	L L K	K S G G K S	G D W L R
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UniRef90_R6RN72	K S M S M	G D T H L L	L E	K S G G K S	G P F R
UniRef90_E4TIU7	K E M T I	S D I M L L	S K	S G G K S	G E F K R
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UniRef90_G4QF74	P N M V I	G E I K V L	S K	K G G K T	G D W K R
UniRef90_E2CCR5	R F M E I	G E I R L V	E K	K G G K F	G H W H K
UniRef90_K2PWJ3	K T M E I	G G I R V M	E K	S G G K S	G D F R H
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UniRef90_UPI0002D9B37B	K G M V I	G P T Y L L	T K	T G G K S	G D F T R
UniRef90_R7INA5	R G M V L	S D T R R L	L D	K A G G K S	G H W
UniRef90_H8GFX7	R G M T I	E T V R L V	E K	A G G K S	G H W R R
UniRef90_A8I831	R G M R I	E N I R R L	L E	K S G G R S	G D W R
UniRef90_G4KXN8	K D M C I	Q N I R L L	L K	S G G K S	G E Y
UniRef90_G5I1K8	K G M V I	S D V C L L	K K	H G G K S	G L Y E R
UniRef90_W7YU66	K D M V I	G P T L L N	S K	T G G K S	G D Y Q
UniRef90_W9W1D3	R G M S M	T D L R L V	E K	S G G R S	G H W V R
UniRef90_K2IRI5	K G M E I	G P T R L L	R K	E G G K S	G V Y E
UniRef90_K0C5V8	R G M T I	Q G V R L L	E K	K G G K S	G H W K R
UniRef90_F6CRU0	K G L V I	E N V Q L L	V E	K T G G K S	G D W
UniRef90_UPI00035D9A25	K G M V I	R Q V V R L	L E	K T G G R S	G H W Q
UniRef90_UPI00046CC61B	K G M V I	G D V K L L	L R	K E G G K S	G T W A R
UniRef90_Q2LRJ8	R G M V I	S E I F L Q	S K	K G G R S	G T F D R
UniRef90_Q7N6P5	K D M V I	G P V R L L	E K	L G G K L	G H F K
UniRef90_K9WB58	K S L Q I	E S I R R L	L Q	K T G G K S	G D Y
UniRef90_H5WKY0	R G M V M	T D I R R L	L E	K S G G K S	G H W
UniRef90_K8E0Y0	K S M V I	Q N I R R L	V H	K S G G K S	G D Y V R
UniRef90_E7RYC9	R G M V M	E G V R L L	L E	K R G G K S	D W H
UniRef90_A4A3E2	K G M V I	E K V C L L	L R	K E G G R S	G V W E R
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UniRef90_F4GQC1	K G L V L	E N I R L R	Y K	S G G K S	G E W R
UniRef90_E3BLE0	K D L V I	G Q I R R L	L E	K Q G G K S	G H F K
UniRef90_A1B3Y8	K D M R I	E G I R L L	S K	T G G K S	G T F H
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UniRef90_R7CLQ2	K H M V M	S N I H L V	E K	T G G K S	G D F H
UniRef90_UPI0003737489	K S L T I	E Q I C L L	S K	T G G K S	G D Y Q Q
UniRef90_H2FWI0	K D M R I	E G V R L L	L E	K R G G K S	G E F K
UniRef90_I2JME2	K A M Q V	T D I R R L	L A	K S G G R S	G D W R
UniRef90_D5ALM9	K S M H I	E E G I R L	L S	K D G G K S	G P Y R
UniRef90_G9WPY6	K R M H I	E A V H L L	E K	K G G K S	G D F
UniRef90_F5Z490	P G M R L	E G I Q V L	D K	K G G K T	G H W K
UniRef90_B5YFM0	K E M L I	G D I K L V	Y K	A G G K S	G E F V R
UniRef90_G8QKP1	R G M R I	E G I R L L	E K	A G G K S	G L W Q
UniRef90_V4QUS2	R G V T I	T D L R L R	L E	K E G G R S	G H W K
UniRef90_E6TVU0	K G M I I	G E N Y L L	L E	K T G G K S	N G D F K R
UniRef90_Q1YRB3	K G M I I	G E T K L L	L E	K T G G K S	G D W
UniRef90_A0A033UYM0	K G M V I	G E T Y L S	Y K	T G G K N	G D F K R

	1	10	20	30	40
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UniRef90_R5QHS7	K	A	V	M	V
UniRef90_UPI00037CAB5D	H	A	R	M	V
UniRef90_F0T0H3	R	A	K	M	V
UniRef90_G8M4T1	A	H	M	V	D
UniRef90_B4WLL3	Q	A	Q	M	V
UniRef90_UPI00036848A5	A	R	M	V	D
UniRef90_C1D5K8	Q	A	H	M	V
UniRef90_M1YY90	R	A	S	M	V
UniRef90_U9UMQ3	N	A	V	M	V
UniRef90_R6QYB0	R	A	H	M	V
UniRef90_E3EYF4	N	A	R	M	V
UniRef90_R6Q3Y1	N	A	R	M	V
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UniRef90_A3SNU9	A	H	M	V	D
UniRef90_G5F1C8	R	A	R	M	V
UniRef90_V7EIN8	H	A	H	M	V
UniRef90_UPI000370C640	H	A	N	M	V
UniRef90_H3CU19	K	A	Q	M	V
UniRef90_E3GLU3	R	G	R	M	V
UniRef90_UPI00037B6FDA	A	H	M	V	D
UniRef90_UPI00047961CF	A	R	M	V	D
UniRef90_UPI00037403CD	R	G	R	M	V
UniRef90_UPI00036C146F	Q	Q	I	R	M
UniRef90_A9BF50	N	A	R	K	M
UniRef90_E8RF30	N	A	R	M	V
UniRef90_UPI00037C8804	R	A	V	M	V
UniRef90_Q47BG1	Q	A	H	M	V
UniRef90_Q0AVU7	A	R	M	V	D
UniRef90_Q0FZ49	A	S	M	V	D
UniRef90_V6UXQ0	R	A	N	M	V
UniRef90_J3LYK3	Q	A	K	M	V
UniRef90_A6FC39	A	N	M	V	D
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UniRef90_F2LU20	R	A	K	M	V
UniRef90_I1F0Y7	R	A	R	M	V
UniRef90_H3ZF66	A	A	M	V	D
UniRef90_G2FYC0	R	A	R	M	V
UniRef90_Q7VLN2	A	N	M	V	D
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UniRef90_UPI000363DC25	A	S	M	V	D
UniRef90_A7C166	A	Q	M	V	D
UniRef90_B8KRP3	R	A	R	M	V
UniRef90_F8FQF1	R	A	R	M	V
UniRef90_C5BQE8	A	H	M	V	D
UniRef90_R6R9Z3	N	A	V	M	V
UniRef90_UPI00046F93A9	R	A	K	M	V
UniRef90_UPI0003702931	K	P	K	M	V
UniRef90_N6W9A7	A	R	M	V	D
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UniRef90_Q2RQI5	N	A	V	M	V
UniRef90_W8X5F0	N	A	M	V	D
UniRef90_R6EU76	N	A	I	M	V
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UniRef90_R7UW66	K	A	S	M	V
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UniRef90_C4ZDB9	A	H	M	V	D
UniRef90_UPI00037BE5E1	A	N	M	V	D
UniRef90_I0XAX7	N	A	I	M	V
UniRef90_D5WXW8	R	A	K	M	S
UniRef90_UPI00037A8DDC	Q	A	H	M	V
UniRef90_Q0C1Y0	R	V	H	M	V
UniRef90_D5X6B3	Q	A	H	M	V
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UniRef90_C0KQG6	R	V	I	R	M
UniRef90_Q2JHZ1	R	A	Q	M	V
UniRef90_W8KM77	Q	A	H	M	V
UniRef90_UPI00036D31A2	K	A	I	M	V
UniRef90_Q21HG1	A	H	M	V	D
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UniRef90_C8W2M8	Q	A	R	M	V
UniRef90_D4YL53	A	R	M	V	D

	50	60	70	80
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UniRef90_R5QHS7	L A V A A R L A G I	M A T A K K R T S D L I	P M C C C C H H P L	N N N N E E E E L L
UniRef90_UPI00037CAB5D	L E A A A Q I A G I	M A A K K R T A D L I	P L C C C C H H P L	N N N N E E E E L L
UniRef90_F0T0H3	L L A A A R Q I A G I	M A A K K R T A D L I	P L C C C C H H P L	N N N N E E E E L L
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UniRef90_R6QYB0	L G T A R T A G I	M A A K R T W E L I I	P L C C C C H H P L	N N N N E E E E L L
UniRef90_E3EYF4	L G T A R L A A G I	M G A K R T P D D L I	P L C C C C H H P L	N N N N E E E E L L
UniRef90_R6Q3Y1	L G V A Q V L A G I	M A T K R T S D L I	P L C C C C H H P L	N N N N E E E E L L
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UniRef90_A3SNU9	L L S V A Q L A G I	M G A K R T P E L I I	P L C C C C H H P L	N N N N E E E E L L
UniRef90_G5F1C8	L S V A Q V L A G I	M A A K R T C W E L I I	P M C C C C H H P L	N N N N E E E E L L
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UniRef90_UPI000370C640	L A V A R L A G I	Q A A K R T S A D L I I	P L C C C C H H P L	N N N N E E E E L L
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UniRef90_F2LU20	L A V A Q V A G I	M G A K Q T P Y L I I	P M C C C C H H P L	N N N N E E E E L L
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F G T V T T E E A A R S T M G R K T G V V E E M E A L M T T A V S V S V A A L L T T I Y D M M I K A V D
U P I 0 0 0 2 9 A 9 7 8 A G L R V I E S A T A R T T T G Q R T G V V E E M E A L L T T A V S V S V A A L L T T I Y D M M I K A V D
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P G L R E V E A T A R T T T G Q R T G V V E E M E A L L T T A V S V S V A A L L T T I Y D M M I K A V D
G Y I E A T S E V R Y C E G K T G V V E E M E A L L T T A V S V S V A A L L T T I Y D M M I K A V D
R A V E A Q C R V Y C E G K T G V V E E M E A L L T T A V S V S V A A L L T T I Y D M M I K A V D
D D R L R C E V T A E T S R G G Q R T G V V E E M E A L L T T A V S V S V A A L L T T I Y D M M I K A V D
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D A I T A E V T V R K T N K N G V T G V V E E M E A L L T T A V S V S V A A L L T T I Y D M M I K A V D
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U N I R E F 9 0 G 9 Q L 0 0 H S I S C R V Q C E T T G G Q R T G V V E E M E A L L T T A V S V S V A A L L T T I Y D M M I K A V D
U P I 0 0 0 4 6 6 0 7 C 6 P G Y V I R A T V T T K A G K T G V V E E M E A L L T T A V S V S V A A L L T T I Y D M M I K A V D
U N I R E F 9 0 L 8 M 6 G 9 V G I H V T T A C G V T T G K T G V V E E M E A L L T T A V S V S V A A L L T T I Y D M M I K A V D
U N I R E F 9 0 F 7 U V N 0 G R I T V I A T A T S T G K T G V V E E M E A L L T T A V S V S V A A L L T T I Y D M M I K A V D
U N I R E F 9 0 H 5 S M L 7 G R V E I E A R V R V T G Q R T G V V E E M E A L L T T A V S V S V A A L L T T I Y D M M I K A V D
U N I R E F 9 0 Q 3 A 0 W 0 H S V E I V A T T K C T G G A T G V V E E M E A L L T T A V S V S V A A L L T T I Y D M M I K A V D
U N I R E F 9 0 R 6 H Z J 8 T C V T C R A G A E T M G K T G V V E E M E A L L T T A V S V S V A A L L T T I Y D M M I K A V D
U N I R E F 9 0 C 3 X A K 5 D R V R I T T R C R L N G A T G V V E E M E A L M T T A V S V S V A A L L T T I Y D M M I K A V D
U N I R E F 9 0 U 7 A 0 V 9 L E H I R S E V R C H S E Q T G V V E E M E A L L T T A V S V S V A A L L T T I Y D M M I K A V D
U N I R E F 9 0 R 5 S G B 0 N S R M H L R V T T E T V G R T G V V E E M E A L L S G T M A G L L T T I Y D M M I K A V D
U N I R E F 9 0 H 2 J 4 7 9 H A V E I E A T V S K T A G K T G V V E E M E A L L T T A V S V S V A A L L T T I Y D M M I K A V D
U P I 0 0 0 3 7 F 8 3 B C T G L S V I T A T V S I A G K T G V V E E M E A L L T T A V S V S V A A L L T T I Y D M M I K A V D
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U N I R E F 9 0 L 7 M 3 Z 6 R S I T I C V Q T E N T G Q R T G V V E E M E A L L T A A S V S V A A L L T T I Y D M M I K A V D
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U N I R E F 9 0 A 9 D 8 N 4 P G L Q V R T L A K L T G K T G V V E E M E A L L T A A S V A C C L T T I Y D M M I K A V D
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U N I R E F 9 0 Q 6 A N 6 2 Y T V N I F A T V G M T G K T G V V E E M E A L L T A V S I S A A L L T T I Y D M M I K A V D
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U N I R E F 9 0 U P I 0 0 0 3 6 E F 8 D D N A V N I E A Y C K L A R T G V V E E M E A L L T A A S V A A L L T T I Y D M M I K A V D
U N I R E F 9 0 Q 9 R R C 1 I H I A L V K T T A P T G V V E E M E A L L T A V T V A A L L T T I Y D M M I K A V D
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UniRef90_H5SML7	R G M V I	E K I F L V E K R G G R S S G	T W K R
UniRef90_Q3A0W0	R E M V V	G E I R L M E K R G G K S S G	T F I R
UniRef90_R6HZJ8	R D I E I	T D I R L L K K T G G G K S S G	V F E R
UniRef90_C3XAK5	R G M V M	T D I H L Q E K S S G G Q S S G	H W
UniRef90_U7A0V9	R G M V I	E G V R L L E K H G G K S S G	S F
UniRef90_R5SGB0	R D M R I	D G I R R L L Y K E G G K S S G	V Y E
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D S V A I T A T V R T T D R T G V V E M E A L T A V S V A A L L Y D M V K A V D
V A I T A T V R T A D R T G V V E M E A L T C V S V A A L L Y D M V K A I D
N G F K L J A T A K T T S T G V I E M E A L T A V S V I G L A I Y D M A K A I D
S A V D I Q S Y C K L V G Q T G V V E M E A L T A V S V I A A L L Y D M C C C K A V D
D R V L I E V S A T V R T T G R T G V V E M E A L T G A S V A A L L Y D M V K A V D
A V L I E C T A T V T T G K T G V V E M E A L T G A S V A A L L Y D M V K A L S D
P G F R V V A S V K T K G Q T G V V E M E A L T A V S V A A L L Y D M L K A V D
H I D I L A T V R T A G R T G V V E M E A L T A V A I A G L T L L H H D M T K A V D
D G V E I T A T V R T T D R T G V V E M E A L T A V A V A G L T L L H H D M V K A V D
G A M R V V A T V S C A G R T G V V E M E A M T A T V G A A L L Y D M L K A V D
D G I R C T A T V E T T G P T G V V E M E A L T A V Q I G L L T V Y D M C C C K A A D
G A V E I V A T V T C E G R T G V V E M E A M T A V M G A A L L Y D M C C C K A N D
E R I V I V A T V K T R E A T G V V E M E A L T A V S V A A L L Y D M C C C K A V D
A T V E C E C R V T T G A T G V V E M E A L T G A S V A A L L Y D M V K A V S D
D R V E I T A T V R T T G K A T G V V E M E A L T A V T V A G L T V I D M V K A V D
D R V R I V A T V T T K G V T G V V E M E A L T A A T V S A L L Y D M L K A V D
L T L N I K V M V R A Q A K T G V V E M E A L T G A A A A L L Y D M C C C K A I D D
D R I L K V A S A K I S A Q A K T G V V E M E A L T A V S V A A L L Y D M C C C K A I D D
S G V T A T A T A G Q T G V V E M E A L T A V S V A A L L Y D M A K A L D S
C S I H V T A T V K V T H K T G V V E M E A L T A V S V A A L L Y D M T K A L S
E V I T C T A R L S G K T G V V E M E A L T G A S V A A L L Y D M C C C K A F S
Q I L T V H C V T K T V G Q T G V V E M E A L M G A N I A L L T V Y D M C C C K A L D S
C S L N I E A A A V T H K T G V V E M E A L T A V S V A A L L Y D M T K A L S D
Q S I M I E A A V R V S G K T G V V E M E A M T A V S V A A L L Y D M C C C K A I D D
H A V V I Q A R C C T H G K T G V V E M E A L T A A S V A A L L Y D M C C C K S I T D
S K V C I T S T V T E G R T G V V E M E A L T A V S V A A L L Y D M C C C K A I D S
S T L H V H C S A T V T G R T G V V E M E A L T G A S V I A A L L Y D M C C C K A L S D
N D Y H I S A K V K T K G N T G V V E M E A L T A A S V C A L L Y D M C C C K A V S D
F C I T C M A T V E T D G K T G V V E M E A L T A V S T G L L T V W D M L K A V A
G T I T L T A T A G V T A K T G V V E M E A M T A A T V A A L L Y D M V K G V E
A I A T A T V K T A G K T G V V E M E A L T A V S A A L L L Y D M L K A V D
D C V E V T A S V R T T D R T G V V E M E A L T A A S V A A L L Y D M V K A V D
S S V D I U P I 0 0 0 3 7 4 A 1 8 0
N I I E V Q S I I K T T S E T G V V E M E A L H T V S V A M L T I Y D M C C C K A V Q
S F L E V R A T V R G V G R T G V V E M E A L T A V S V A A L L Y D M C C C K A I D D
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H S R V S A T V R T A G S R T G V V E M E A L T A A N V A A L L Y D M L K A V A
D S F Q I T C T V K C N E K T G V V E M E A L T G V S I A A L L Y D M C C C K A L S
C A I K V T S T V R V T H K T G V V E M E A L T A V S V A A L L Y D M C C C K A L S
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S E V H V T A T A R S A D R T G V V E M E A L T A V S V A A L L Y D M V K A L D D
P G Y Q I R A T V G S K A E T G V V E M E A L T A V S V A A L L Y D M A K A L D D
D F V E A E A F V R G I W R T G V V E M E A M N A V M M A L L L Y D M C C C K A F D
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G S V E V T A T V S C D E G G K R T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
G G M R V J A S V S C E E G G K R T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
S V V K V E C C V S A E E G G K R T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
D G V R I E A A A E T T S D K R T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
S Q L V C H V H V S A K G V T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
D G V E I R A F T V R T A D R T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
Q G L I R A T V R T V D R T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
R E I C C F C V K V T G R T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
D G V E I T A R T V K T A D R T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
T V L N V T E A T V K C E G K R T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
D G V Y V T A E V K C E G K R T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
K Y L E I T A T V K T D G G K R T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
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Y S I L C T A T V T C C E G K R T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
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Y Q I L V T T S Q V K V K G R T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
H C V L L V A T V R C N G R T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
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E Y L L I E V H V K T K G R T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
N C L S C E A T V T C E G R T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
N H A H I Q V E V K T E G K R T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
N E V L I D C T A R V Q Q R T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
V H I S A T A K T T D V T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
D G V R I V A T V R T A D R T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
G G V K I E A R V E C E Q G K R T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
P K I C T A Q V T C E G K R T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
A R I V C T V S C E G K R T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
Y S V L C Q A T A L C D G K T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
R H L E I T V T R T T G P T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
D G V E I E A T V G T A D R T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
E V E I D C T A S V T A K T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
N E I V I D C T A S L T A K T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
N E V G I T A E A R I S D R T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
T S F I N C T V K C T E R T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
S E V R I T A R T A D R T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
N C V L I S S T A V C S G K T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
N C I K V N C E V H C N G K T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
G Y I D I R A T V S C Y G K T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
S D V L I E C T V S T E G K R T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
V E I A C T V R T A D R T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
P S I A C R A T V R Y E G K T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
D Y V F I E A T V R T A D R T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
S A I E I I A E V R T F G K T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
D A I H V E C K V Q V T H K T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
Y E V L I Q A E V K T K G V T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
Y S I L C S A T V S S E G K T G V V E M E A L T A A A S I A A L T I Y D M C K A V V
N E I I L K S I V K S V W K T G V V E M E A L T A A A S I A A L T I Y D M C K A V V

		130	140
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UniRef90_M5R9C0	R G I E I	G P V V L E A K S G G K S G D Y R R	
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UniRef90_C1HCQ4	K G M V V	G E A R V V R K R G G K S G D W E	
UniRef90_D7W0Z9	H D I V I	K E I Q L I E K S G G K N D F K R	
UniRef90_H1Z2B8	K D T G I	E D V H V I E K I K G	
UniRef90_V5GE25	K G M L I	S K V Q L L E K M G G K S G H W V R	
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UniRef90_UPI0003467734	H D I V I	R E V R L L R K T G G K S	
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UniRef90_S7QKH0	K E M M I	G E L Y V E R K T G G K S G D F	
UniRef90_C2GJ25	R S A Y I	R S C K I T K K S G G R S G T W L R	
UniRef90_A9A057	R G M V V	S D I R L M E K L G G K S G H F K	
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UniRef90_UPI0004416E79	K E M V I	T D I L V Q R K S G G Q S G A F T R	
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UniRef90_UPI0003B7AB11 K A Y M V D V T E K P D V G R V A V A A G K I Y L R E E T V E A I L R R G K G N V |

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UniRef90_A1ZUU4 N P S M V D V S G N K Q T T V R H A H A R A T V L L P Q E V M Q Q V L K D N Q K G A M |

UniRef90_F0S3P2 K A I M V D V S S G K K K T L R T A T A A T V H M S N L L Q A I L R E D H K G D V |

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UniRef90_UPI000463D246 H M V D V G R K T V S R R T A T A Q S R V V L P L E V I T E A L V G P K G P I |

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UniRef90_C3XRN9	H S I T I	E N I H L V	S K T G G Q R G D F
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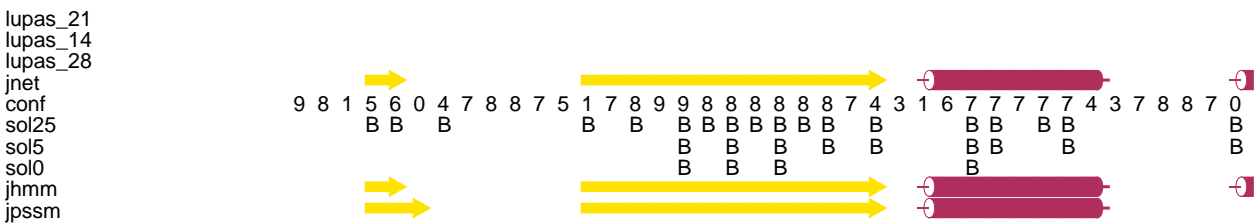
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S M K I L R C R T E V V K T A G Q R T G V E M E A L L E G V T T G L N V V W D M C K A A
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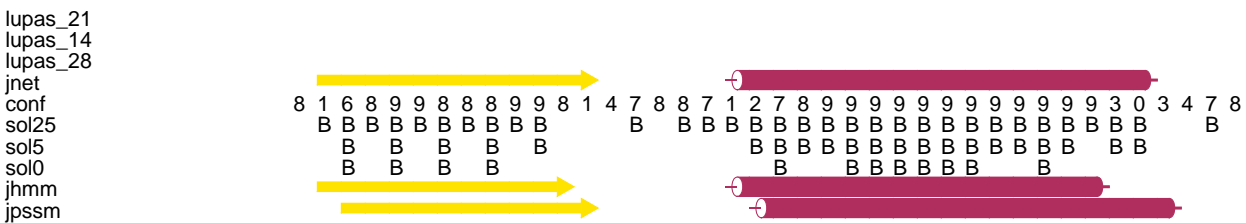
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