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UniRef90_COAXC3	T	L	L	L	D
UniRef90_LOGZQ8	V	L	L	L	D
UniRef90_UPI0002559172	T	L	L	L	D
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UniRef90_M4U7M1	G	D	E	F	R
UniRef90_S6BTH8	T	L	L	L	D
UniRef90_UPI0003664097	V	L	L	L	D
UniRef90_UPI0002E893FA	T	L	L	L	D
UniRef90_R9PP27	S	L	L	L	D
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UniRef90_UPI000472CFD9	V	L	L	L	D
UniRef90_GOA1K1	T	L	L	L	D
UniRef90_E1VIB0	S	L	L	L	D
UniRef90_G4E2J3	T	L	L	L	D
UniRef90_D3RRY8	V	L	L	L	D
UniRef90_F9GI73	T	L	L	L	D
UniRef90_K2JA54	S	L	L	L	D
UniRef90_A6VL76	T	L	L	L	D
UniRef90_A3QC86	V	L	L	L	D
UniRef90_R5GDK5	T	L	L	L	D
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UniRef90_K9VY94	T	L	L	L	D
UniRef90_UPI0003B52E44	V	L	L	L	D
UniRef90_U1KPJ7	T	L	L	L	D
UniRef90_UPI00036E2052	S	L	L	L	D
UniRef90_F4HFK6	T	L	L	L	D
UniRef90_R9NAC2	V	L	L	L	D
UniRef90_G9EM27	T	L	L	L	D
UniRef90_Q6LMU0	S	L	L	L	D
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UniRef90_UPI00025565B1	V	L	L	L	D
UniRef90_UPI00022CAB46	T	L	L	L	D
UniRef90_A4BU34	S	L	L	L	D
UniRef90_UPI00046AD7B2	T	L	L	L	D
UniRef90_W2UCU3	V	L	L	L	D
UniRef90_G5IGI7	T	L	L	L	D
UniRef90_L0DMP9	S	L	L	L	D
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UniRef90_UPI000371BB61	S	L	L	L	D
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UniRef90_Q3ZYA0	V	L	L	L	D
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UniRef90_E4TKX5	T	L	L	L	D
UniRef90_G9ZBG4	S	L	L	L	D
UniRef90_I2JMR0	T	L	L	L	D

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50 60 70 80

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V V T E M P G H S E A L L A G E L L E Q R R L K P A E E L L I S S E E D F F A N P F P G S W R Q Q H P G G L
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I L N Q V V D G S E A L L A G E L L E Q R R L K P A E E L L I S S E E D F F A N P F P G S W R Q Q H P G G L
I F E V V D G S E A L L A G E L L E Q R R L K P A E E L L I S S E E D F F A N P F P G S W R Q Q H P G G L
I N Q F Q H E E T L L Q A E L L E Q R R L K P A E E L L I S S E E D F F A N P F P G S W R Q Q H P G G L
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I N Q F Q H E E T L L Q A E L L E Q R R L K P A E E L L I S S E E D F F A N P F P G S W R Q Q H P G G L
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V T E V L T S E R A L L D E L L N K F T P S E L V L C N E A L F M S G L D R Y H F A V
V S Q I T G E N A L L M T Q E L L M R L V S P R E E L V L P N Q S A E L L D P E H L L G T L K E Y
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L S E P E T E E A M Q A E L L Q R R L K P A E E L L I Y P E E S F S N L L V L E Q V Q K G G L
L M Q V S D S G N D S L R A E L L E R R L K P A E E L L I Y S N E S D N S N M S M L L S E L R G T
C F E S S O N D V L I L Q R R L K P A E E L L I Y S N E S D N S N M S M L L S E L R G T
I F E C T D R E T L Q A E L L Q R R L K P A E E L L I Y S N E S D N S N M S M L L S E L R G T
V S E I N G A D E L L Q A E L L E R R L K P A E E L L I Y S N E S D N S N M S M L L S E L R G T
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L L E L V S S E E E Q L L I S E L L Q R L D P V I E L L I L S E T L P D Y D F F A G R K G G V
V T E V Q N E R E L L W D E L L H K F T P S E L V L C N E A F Y M S G L I T R Y H V I
L T T G V S R T E L D E V M A R L N P A E E L L I P D D W P K D L P A E K R R F G T
V L E L K G W E N L L A E L L E R I L N P V I E L L I P D D W P K D L P A E K R R F G T
T T Q G T A V D Q L A Q E L L M Q R T P A E E L L I P D D W P K D L P A E K R R F G T
L S E P E N A E A L L A E L L Q R R L K P A E E L L I Y P E E D F S F P P A L L T A M C K G G S Y
L S E P A T E E M Q A E L L Q R R L K P A E E L L I Y P E E D F S F P P A L L T A M C K G G S Y
V T T Q L G V E P L V T Q E L L R R L Q P A E E L L L S A D A P R P D Y L P S Q F C Y
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V A E Y L G D E A L L A E L L Q R R V N P A E E L L I Y P E E G F S G I A L I E K R K G I
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UniRef90_G2LNC9	R K R P L L E F D	L D A S T A N K L L N L	Q F N T Y N S L N G G F	G V I Q Q K D D F N I
UniRef90_R5D18	F E L D D W L F F	D E D A T A G T R L L	L G K H F E T K N D L	N K G G F G V I Q Q K D
UniRef90_N6Z9C0	R R L A D W Q F D	A D A T S A T R L L T	G K H F G T R D L V G	F G F G V I Q Q N D L K
UniRef90_R5W5Q4	S P L A D P R S Y F	D A D K D S Q R S A L	C R H F K V S T L E E	G L G F K E Y A I A G T I
UniRef90_UPI0004760851	T L R P Q R P F E	F A G E A R K S E L L	L I A L K V K S L E E	G F G C K E Y A I A G T I
UniRef90_S0FVJ9	S A Y D N C S F	E Y A G N A K E T L	L K E H F Q N L N L	D E D S E Y D I L S I N I
UniRef90_R6WYA8	L K R P D W A F S	F D N A E K T L L K	Q L G V K T L E L P	F F E C A D K K D L A I
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UniRef90_B9M1M8	T H V E D W V Y D	H E Y C R R R L L L	L A G H F A G V A S L	P T A L L G I D D D M K T G
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UniRef90_UPI00035D81B5	V K I D P W H F	D A D S G Q D R L L	L Q L F K T Q D S L L	K A F G G C I D D Q P L
UniRef90_A1ZK31	F L L E E W F F T	Y N F A G Q R D L L	N R H F K T K S D L L	K A F G G C I D D Q P L
UniRef90_D1C119	T R R D R S E W R	L E V A D E E L R R	H F G V E T S L L K	E A F G G C I D D Q P L
UniRef90_I3YQLO	Y R L D E W V F	S E E F V N G R K L	C K Q F G T R S L L	K G F G V I D D H F F A
UniRef90_I2EPK2	F T F E D W A Y K	F D F G Y N L N H	F N V T T L L K G F	G I G I D D H F F A G
UniRef90_R6ASN5	E Q A E Q R A F D	L K R G R G T E K L	C R H F G V A T T L	Q G F G I R N D S P D
UniRef90_F4GV74	T A L P D W H F	F S D G K A R D V L	H R H F A V D T L	L A S G F G L V D L P
UniRef90_B1C6T4	E P H P L N Y F	F S H D K A K E Y I	L N Q F N V Y S L	L A S G F G L V D L P
UniRef90_UPI0004666336	T E Y E T W R Y E	F P E A E D V L K K	H F D V I S I E G F	G L G L S G K N E I L A
UniRef90_R7BR63	H C Y H D F A Y N	V S T A T R K I L S	A F K V N S L L E V	I F E L G Q D K N S A V
UniRef90_X0Z514	Q F L E E T E S F	T R A H K R L L D	S A F Q V H S L L E	V F G L G V R N D K N S
UniRef90_UPI0003B3BBBF	N P L E A R Y F D	E E N C K R L L L K	H F K V N S L L I G	L G L G V I D D F P K
UniRef90_UPI0003B3444D	T I Y P L D Y F	D E D A G N H K A I	M K Q R F H V L S	L I G L G I E D D F N K
UniRef90_R7GB55	Y L T K Y N D K Y	F E S N Y S I K Q R	F T L T S Q K E L	E E D D N L A L N A
UniRef90_I0AJ42	T K I E D W I F N	F D Y T N E M L L N	H F K T V T L L K G	F G I D R L Q Q N G I
UniRef90_UPI0002DB4DAB	Y R L D D W M F A	E N S A R D E R K L	L A Q F G T L L K G	F G I E D Q M P A A I
UniRef90_E4T587	Y A L E D W A Y S	P D S S A N E R L L	L K H F E I K N L K	G F G V D D L P N A
UniRef90_UPI000370437B	S K T A D W H F E	L S A A E A K L C S	H F S V D R L T A F	G L D E L P N A V I A
UniRef90_R5VXR1	T L Y D E E N F D	K K R C E K T L E S	H Y K V V E S L D	G F G L A S G Q F S A
UniRef90_B2A3X7	Y V T N K S Q P T	F S N K A C D I L K	S Q F N V E S L D	G F G L A S G Q F S A
UniRef90_D3AL03	R Y L D S H F F	S D E G C R K L L K	E H F K V G S L D	G L G L Q D D Y D T
UniRef90_F0NYN8	F Q L E D W A F	Q R D Y A L D K L	L T H F Q T N S L	K G F G L Q D D S S L
UniRef90_U5DSJ3	T L R S P G P F E	P E S A R K R L L L	E K Q Y R I K S L	L E G M G C E D H L P
UniRef90_UPI000464448A	R P Y P S W H F	E P E S A R K R L L	K Q F G T K D L V	A F G C D K L P A M
UniRef90_D9S3H0	T F K E N D Y F	Q A E S A R E L L	M S Q T S G N E L	E D I F K R P F A T I
UniRef90_UPI0003620BE2	R R L A D W Q F D	A E K T A Q E L L	T T H F G T H D L	A G F G A E G L N V A
UniRef90_K0B1G9	N P Y H D W A F	E N P L A I D N I	K R Q F S T M S L	L N G L G L A D K S Y
UniRef90_K0N7U6	T Y L D K T D F	S L E E A K E R L L	D R K F K T R S L	E G F G A E N L H A S
UniRef90_C3J9L7	F E A D D W L F I	P S N K E R L L R	H F A V R N F K G	F G L E G M E S A L T
UniRef90_B8I2Q5	R F N T Y V S T	F E S T S F E Y M	D I L A N H F E K	Q T L N I Q E S Y D
UniRef90_H8FMP3	W P L P S A R F	D S E N A R R R I	E T L F E V A S L	D G F G S F S R A E
UniRef90_Q47DJ8	T R Q P D W Y F	F D S A R R R L L	C D Q F E V A S L	D G F G A E G L K P
UniRef90_Q2KWZ4	S R V P D W H F	E A D G A R S H L	L T H F Q T D S L	A G F D I E D M P V
UniRef90_Q2GJL7	H R C A I T S H	D S K N A E K V L	C G V Y G V T T	V K Q G L G D F E E
UniRef90_C6X308	F K L E D W A F	Q S H Y A E K L T	G N H F R T A S L	V K G F G I E E Y K
UniRef90_K8GKU6	T L R S Q A P F	V L A E A Y R L L	R R F K V R S L E	G M G C E Q L P L A
UniRef90_F4A1Q6	G H C S V E F D	D D K A Y A M L E	A N M S A D V L	D Y V T N L K E K P
UniRef90_R6YMZ6	S R F S D K F F	D V D V G N A T L	L D Y N I E N K K	E V T N L K E K P Q
UniRef90_UPI00047C0531	N T L D A H Y F	D E E L A G R T I	M D Q F K V G S L	T G L G I S D F P T
UniRef90_R7DVD6	L Y Y D G Y T F	L P S T A I P N L	S H F R V H S L	D G F G C G E G M T
UniRef90_M1ZGZ7	R I N P Y I N T	Y D T E A E N L I	M D H F N V D N	L E V L D L E G K M
UniRef90_UPI00030BAA93	T L R P D W N F	D P D T A E K L I	F K H L Q V T T A	G G F G F R D E Q P
UniRef90_UPI000361673B	S R V P D W H F	E H D A A R A H L	L A H F R A L D S	L A S F D A Q D M P
UniRef90_R5B2J3	T C A D S R D F	E P T R A E K V L	L A M H F R A S L	L Q T L G C D A D K
UniRef90_UPI00047891BC	R P L D A R Y Y	D E E N C K K T L	I T H F K V K S L	I G L G L D D F G N
UniRef90_K9SK31	T L R S Q M S F	L V E A K Q K I	M T Y K V R S L	E G F G C A S L S L
UniRef90_R5K799	S K I L P M S V	F D E N F A E T N	L K A V F Q A N S	L E A F G Y N R Y K
UniRef90_K2KWR3	T P Q P T A R F	D A E N A Q L R L	K K L Y E V E A L	D A F G G F E I P A
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UniRef90_G1WC75	F E M E D W Y F	T E Q Y S R Q K L	L K H F G T K S L	K G F G V E E G L K
UniRef90_UPI0003649354	Y E L D D W Y F	S Q D N N R E L L	L R H F G V Q S L	L K G F G L E E H P
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UniRef90_UPI0003B5ED9F	K L N C C C E	F A F D P A R E	T V E G Q F D N	P G A L P D D R P
UniRef90_J6UF41	T P L G R D V F	D G A T A E R L	L A S Y F A V A	T T D A F G T F S R
UniRef90_UPI000361673B	L P K A V I S F	W S P A A F E R	G E A Y R S L A	Q L D G T G T R R P
UniRef90_F6CM23	T R L P A I R F	E S G Q A E R R L	K S H L G V S A L	D G F G A F A R A
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UniRef90_UPI00037DF239	S E Y E D W V F	F E Q D T A E R	F T L K H F K V	K T L D G F G L K E
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