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UniRef90_A3C558	N	N	R	I	F	A	V	E	F	D	T	V	R	N	P	E	F	A	D	I	N	N	N	H	V	I	G	I	D	V	N	S	L	K	S	S	A	A	A	N	L			
UniRef90_A5C9A7																																												
UniRef90_UPI00032A8D0B																																												
UniRef90_U5G5V7	S	N	H	V	F	A	V	E	F	D	T	V	Q	N	S	Q	D	L	K	D	I	N	E	S	N	H	V	I	G	I	D	V	N	S	L	K	S	I	E	S	S	A	P	V
UniRef90_UPI000350A146	N	N	H	V	F	A	V	E	F	D	T	V	Q	N	S	Q	D	L	K	D	I	N	E	S	N	H	V	I	G	I	D	V	N	S	L	K	S	I	E	S	S	A	P	V
UniRef90_D7M3I2	N	N	H	V	F	A	V	E	F	D	T	V	Q	N	S	Q	D	L	K	D	I	N	E	S	N	H	V	I	G	I	D	V	N	S	L	K	S	I	E	S	S	A	P	V
UniRef90_A0A059BBW0	S	T	A	F	V	A	V	E	F	D	T	F	H	D	T	N	T	W	D	P	P	C	N	H	V	I	G	I	D	V	N	S	L	K	S	V	N	N	A	C	V			
UniRef90_K4AJ08	N	N	R	I	F	A	V	E	F	D	T	V	R	N	P	E	F	A	D	I	N	N	N	H	V	I	G	I	D	V	N	S	L	K	S	S	A	F	R	N	L			
UniRef90_UPI00042B04AE																																												
UniRef90_W5CSA1	S	N	R	L	V	A	V	E	L	D	T	M	Q	N	D	E	F	G	D	I	N	D	N	H	V	I	G	I	D	V	N	S	L	K	S	L	Q	F	R	N	L			
UniRef90_C5VYV1	S	N	H	V	F	A	V	E	L	D	T	V	Q	N	T	E	F	G	D	I	N	D	N	H	V	I	G	I	D	V	N	S	L	K	S	S	S	T	A					
UniRef90_G7K668																																												
UniRef90_I1H3U3	N	N	H	V	F	A	V	E																																				

	50	60	70	80
UniRef90_Q9FYU9	D R K E G V I G T A R I	N Y N A A T R N L S	V V S S Y P G S Q D Y	V V S Y V V I D
UniRef90_M5WH14	G Y W S G E N Y Q V W I	D Y D F F I N V T M V	R A G M Q R P R T	P I L S V F Y N
UniRef90_I1Q7U0	S L C S Y K L M Q V W V	D Y D E E T T Q I K V	T M A P I K P L R	P L L S E I H N
UniRef90_W9RQD5	D L R N G R E I T A W I	E Y R H A M R M V R V	W V G Y S R P P N	P L L V A Q I D
UniRef90_M0VHH7	N A Q T S A N Y T V W I	E Y D G V G R R V T V	Y M G K P K P A T	P V L A S G L D
UniRef90_J3NAV6	K L E S A Q P I Q A W V	D Y D G G A H V L N	V T I A P A K P H A R	P L I S A R L D
UniRef90_A3C558	S L I S R Q P M Q V W V	D Y D A A A A E V T	V A M A P P R P K K	P L L S T A V N
UniRef90_A5C9A7				
UniRef90_UPI00032A8D0B	S L K D G F V H H A W I	N Y D G P Q K R M E I	F L G L A N P T K P I	F S K E I M D
UniRef90_U5G5V7	T L I S G H V H V I W I	D Y D E V E K L L N	V T V A P T K P T L	P L L S K P L D
UniRef90_UPI000350A146	G Y Y D N R N G N F H N L	T L A S A Y K V M Q L	W V A Y D K P F K P	P L L S T T Y N
UniRef90_D7M312	T L I S H K R M Q V W V	D Y D G H S H R I D	V T M A P F K P K P	P L L S T V R D
UniRef90_A0A059BBW0	P W M D G Q E L R A W V	T Y N S T A M N L S	V V F R D D D D N Y	T S L Y Y P V I
UniRef90_K4AJ08	S L I S R E P M Q V W V	D Y D A A T T E I T	V A M A P P R P K R	P L L S K R I D
UniRef90_UPI00042B04AE				
UniRef90_W5CSA1	T L I S G E A M Q V W V	E Y D G E A A Q M N	V T V A P A K P P T R	P L V S A K H D
UniRef90_C5VYV1	G F H D D S N G R F W V	E Y D G N T T R I H V	T I A P Q K P V T	P L L S L T Y N
UniRef90_G7K668				
UniRef90_I1H3U3	T L N S G E P M Q L W V	E Y D A Q T T Q V I S	T L A R T K P R R P	P L F T T T T N
UniRef90_W5BL17	S L I S G N P M Q V W V	D Y D G R A T E I I T	V T M A P A R P K R	P L L R T T V D
UniRef90_Q0D8T3	G F S N C K P V Q V W V	D Y D G E T T Q I N	V T M A P T K P P T R	P L L S V P F N
UniRef90_F2D8T0	G Y Y D D R N M Q F W V	D Y D R V I T T Q I	D V T M A P L W P S K	P L L S T T Q N
UniRef90_V4TPY7	G Y W N G K N Y Q V W I	D Y D S F I N T M V	E A G M K R P K R	P L L S V P L N
UniRef90_Q6UY59	T L F S G N P M Q V W I	E Y D G E K K K I D	V T L A P I N P K Q	P L L S V L T R D
UniRef90_C5Z939	G Y Y S R Q A M T V W V	D Y S G D K K Q I N	V T L A P T R P A R	P L L S V S Y D
UniRef90_M5W344	N L E S G D L Q A W I	D Y D G K T Q I V N	V T L A P R K P D K	P L L S H P V D
UniRef90_UPI0003EA901C	G L N S R E P M Q V W V	D Y D G Q S K Q L N	V T L A P A R P R N	P L L S E A I D
UniRef90_V4RX63				
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UniRef90_I1GT32	T L S S R E P M Q V W V	D Y D G Q V K R L N	V T M Q M S K P K N	P L L S E A I D
UniRef90_A0A059A871	S L I S G K A M Q A W V	D Y D G L T K K H I	V T L A P D E K P S S	P L L S L S Y N
UniRef90_M5VIB4	D A H S G K K A H V Q I	T Y N A T T K N L T	V F W T Y E E Y T	T S L S Y H I D
UniRef90_A2YHW3	T L N S H E P M R I W I	D Y D Q E T T R I D	V T V A P S K P K R	P L G S V T Y N
UniRef90_M5XQV9	S L D D G S V H R V W I	G Y D G S R R W M E I	H L G S D P S K P	P I F S G P L D
UniRef90_Q84Z14	G Y Y S R Q A M Q V W V	D Y H G G E K K T M A	P L R M A R P V K	P L L S V T H D
UniRef90_M4C9K1	G Y W S G K P M Q V W V	D Y D G R T H R I N	V T M A P F R K E K	P L V S I V R D
UniRef90_A0A058ZRZ4	A P N S T I F F H V I	E Y D G G Q N L M E	V Y M T K P A S	P I M T A N L D
UniRef90_R0H730	G Y W D E K D M Q V W V	D Y D G H T H R I N	D V T M A P F N	P R K P L V S I V R D
UniRef90_K3Y5P2	S L I S G Q P M Q L W V	D Y D S N Q A M I N	V T M A P S K P S R	P L L S V A C N
UniRef90_V7BUC4	T L N N G E N Y Q V W I	D Y D S W M N V T M A	P V G M K R P S R	P L L N V S L N
UniRef90_K4CPZ0	N L Q S G E S I Q A W I	D Y D G M S K V V N	V T I S P P K P G R	P L I S E V V D
UniRef90_D7MR66				
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UniRef90_K4A6G1	S L V S G N L Q Q V W V	E Y D G A S M R M E	V T V S P P R P A V	P L V S Y T V N
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UniRef90_UPI000234E7C8	G Y Y S G E P M Q V W V	D Y D A N S H Q V N	V S L A P Y K P E R	P L L S R S I V N
UniRef90_A7X6N9	G F W N G E N Y Q V W I	D Y D S L I N V T I	A K L G M R K P V K	P L L N V S L N
UniRef90_M4CEG6	S Y Y S G N S I L I W I	D Y D G I E K R L N	V T L A P I K P R V	P L L S K T I N
UniRef90_F2E5Z5	T L N S R K P M Q V W V	D Y D G Q A K Q L D	V T L A P P K P R K	P L L S E A I D
UniRef90_A0A059BC13	S W M N G Q R L H A Q V	T Y N S R A M N L S	V V F R D D D N Y T	S L Y Y H P I N
UniRef90_Q8H412	S L I S G E A M Q I W I	N Y D G E A T W I D	V A L A P A R P T I	K T L L S M S Y N
UniRef90_R0GH79	R L N S G D N Y Q A W I	E F N G S A I N V T	M A R A G T R P T I	K T P L I S I P L N
UniRef90_Q6YT57	T L I S H E A M R V W V	D Y D A G D A R I D	V T L A P A K P V R	P L I S A A Y N
UniRef90_W9SDW8				
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UniRef90_W1P0Y7	A Y Y S			

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UniRef90_I1Q7U0
UniRef90_W9RQD5
UniRef90_M0VHH7
UniRef90_J3NAV6
UniRef90_A3C558
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UniRef90_UPI00032A71C1

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

	130	140	150	160
UniRef90_Q9FYU9	K Q E D M Y			
UniRef90_M5WH14				
UniRef90_I1Q7U0				
UniRef90_W9RQD5	I D T F E G D C F I C			
UniRef90_M0VHH7				
UniRef90_J3NAV6				
UniRef90_A3C558				
UniRef90_A5C9A7	P S A T S L S F N F T T F E P N N G Q L S F E G E A R Y S S D D D I Q L T R D V			
UniRef90_UPI00032A8D0B	Y P S S E T C Q			
UniRef90_U5G5V7				
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UniRef90_D7M3I2				
UniRef90_A0A059BBW0				
UniRef90_K4AJ08				
UniRef90_UPI00042B04AE	C F L P F L F L L P C V N S I H F K I S R F D P E A T N I G D A R P Y V G A V D			
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UniRef90_UPI0002B41C22		A	N	R	F	V	A	L	E	L	D	T	V	K			Q	G	Y	D	P	D	D	N	H	V	G	L	D	V	N	G	V	R	S	V	K	A	V	P	L
UniRef90_Q69PR8		N	H	L	F	A	V	E	F	D	V	F	K	D	K	S	L	G	D	I	N	D	N	H	I	G	I	N	N	S	V	N	S	T	V	S	K	K	A		
UniRef90_Q9LNN1		S	S	D	V	F	A	V	E	L	D	T	I	W	N		P	D	F	E	D	I	N	N	H	V	G	I	D	V	H	T	P	L	S	V	G	I	A	S	I
UniRef90_V4KWD7																																									
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UniRef90_A0A059CCW3																																									
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UniRef90_Q7FK82		N	Q	I	V	L	V	E	F	D	T	W	V	N		P	E	F	D	P	L	M	Q	H	I	G	I	N	K	N	S	L	S	S	L	V	Y	A	S	W	
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UniRef90_M5VX71																																									
UniRef90_UPI00042B898B		S	S</																																						

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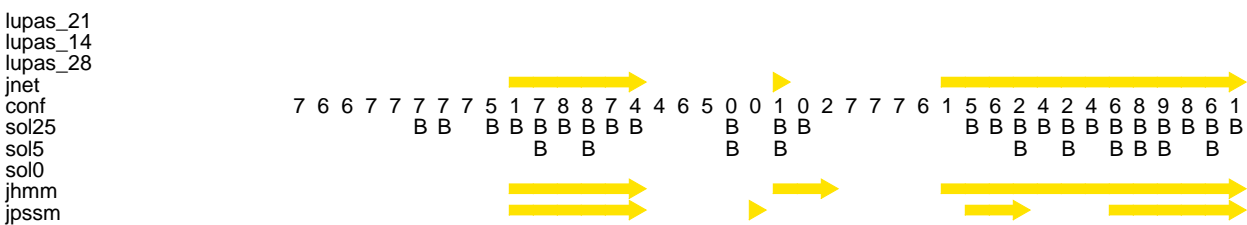
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