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QUERY UniRef90_F2KSV3 UniRef90_Q46D26 UniRef90_W9DNB2 UniRef90_L0HMM66 UniRef90_V6ATX1 UniRef90_F6BCM0 UniRef90_Q6LXF9 UniRef90_R1FTG0 UniRef90_H5XRS8 UniRef90_H1XTW4 UniRef90_F4BX72 UniRef90_R9T5D6 UniRef90_K0IF19 UniRef90_A5IML6 UniRef90_F6D4W6 UniRef90_E8N405 UniRef90_D3L108 UniRef90_D6TES4 UniRef90_B5Y888 UniRef90_D5MFV6 UniRef90_M1Y2U5 UniRef90_A3CW28 UniRef90_UPI000375E342 UniRef90_D5E9W7 UniRef90_L0A947 UniRef90_UPI000349911F UniRef90_E1YC30 UniRef90_H1YXW7 UniRef90_A8MB52 UniRef90_K9TJ95 UniRef90_UPI0003B72897 UniRef90_G2ML49 UniRef90_A8A9H4 UniRef90_H0AAC0 UniRef90_R9SH94 UniRef90_A2SPQ0 UniRef90_A0LLV2 UniRef90_UPI00035C682C UniRef90_S7TFY8 UniRef90_B8FJF2 UniRef90_Q54Y09 UniRef90_UPI000472D070 UniRef90_F8AE51 UniRef90_I3TD85 UniRef90_E7QQD9 UniRef90_A0B8X5 UniRef90_K1LAH5 UniRef90_E1RHR6 UniRef90_M4YK15 UniRef90_D1CEE0 UniRef90_M0CMZ0 UniRef90_A0RWI6 UniRef90_T1A867 UniRef90_H2C8J4 UniRef90_B3DY87 UniRef90_D3SNQ8 UniRef90_C6BY21 UniRef90_D3HQ87 UniRef90_D8F399 UniRef90_I0Z813 UniRef90_B8GGW1 UniRef90_J1L2F0 UniRef90_B5EGE5 UniRef90_T1FM25 UniRef90_UPI00016C56C5 UniRef90_I6Z3Q2 UniRef90_B9L4B1 UniRef90_W8T4X4 UniRef90_H5SPL9 UniRef90_I3IQ69 UniRef90_P90838 UniRef90_UPI0003B3E218 UniRef90_L0DKC5 UniRef90_I4CB99 UniRef90_UPI0003741F55 UniRef90_E0SPW5 UniRef90_G4SW49 UniRef90_A2EGQ0 UniRef90_D3PDN1 UniRef90_X1S9S2 UniRef90_W0K562 UniRef90_H8GJP1 UniRef90_M1VFI7 UniRef90_UPI00036066DF UniRef90_C5KHZ5 UniRef90_UPI000361F847 UniRef90_UPI0003B6F821 UniRef90_S6BNN1 UniRef90_UPI0003AA0E27 UniRef90_Q8IIU6 UniRef90_Q2T5N9

130 140 150 160

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U n i R e f 9 0 _ Q 4 6 D 2 6 E S L F S E A I P P S A G G V G G S E K K S R R M R L R A T D D Q E E L D D E A F F L N E G A N W A V V K N G Y G
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U n i R e f 9 0 _ H 5 X R S 8 A L F Q A V P P S G G V G G S E G R L H A T D R S Q L T T E S F L R G G E W A V V R N G Y G
U n i R e f 9 0 _ H 1 X T W 4 T L F K N V P P S G G V G G S E G R L H A T D R S Q L T T E S F L R G G E W A V V R N G Y G
U n i R e f 9 0 _ F 4 B X 7 2 E L F K S I P P S G G V G G S E G A V I R L N L T K A S E L D E L L V E G V R W A V V R H G Y G
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U n i R e f 9 0 _ K 0 I F 1 9 T L F K N V P P S G G V G G S E G D I V R L L K E G E L D D K V L V E G A E W A V V K A N G Y G
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U n i R e f 9 0 _ F 6 D 4 W 6 A L F N T V P P S G G V G G S Y K G A L R L L S E T E L L S V L A K G G A L W A V V K K G Y G
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U n i R e f 9 0 _ U P I 0 0 0 3 4 9 9 1 1 F S L F D T V P T G G V G G N K S A L L R L S E K E L E D V M L E G A G W A V I N N G Y G
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U n i R e f 9 0 _ Q 2 T 5 N 9

QUERY UniRef90_F2KSV3 UniRef90_Q46D26 UniRef90_W9DDB2 UniRef90_L0HMM66 UniRef90_V6ATX1 UniRef90_F6BCM0 UniRef90_Q6LXF9 UniRef90_R1FTG0 UniRef90_H5SRS8 UniRef90_H1XTW4 UniRef90_F4BX72 UniRef90_R9T5D6 UniRef90_K0IF19 UniRef90_A5IML6 UniRef90_F6D4W6 UniRef90_E8N405 UniRef90_D3L108 UniRef90_D6TES4 UniRef90_B5Y888 UniRef90_D5MFV6 UniRef90_M1Y2U5 UniRef90_A3CW28 UniRef90_UPI000375E342 UniRef90_D5E9W7 UniRef90_L0A947 UniRef90_UPI000349911F UniRef90_E1YC30 UniRef90_H1YXW7 UniRef90_A8MB52 UniRef90_K9TJ95 UniRef90_UPI0003B72897 UniRef90_G2ML49 UniRef90_A8A9H4 UniRef90_H0AAC0 UniRef90_R9SH94 UniRef90_A2SPQ0 UniRef90_A0LLV2 UniRef90_UPI00035C682C UniRef90_S7TFY8 UniRef90_B8FJF2 UniRef90_Q54Y09 UniRef90_UPI000472D070 UniRef90_F8AE51 UniRef90_I3TD85 UniRef90_E7QQD9 UniRef90_A0B8X5 UniRef90_K1LAH5 UniRef90_E1RHR6 UniRef90_M4YK15 UniRef90_D1CEE0 UniRef90_M0CMZ0 UniRef90_A0RWI6 UniRef90_T1A867 UniRef90_H2C8J4 UniRef90_B3DY87 UniRef90_D3SNQ8 UniRef90_C6BY21 UniRef90_D3HQ87 UniRef90_D8F399 UniRef90_I0Z813 UniRef90_B8GGW1 UniRef90_J1L2F0 UniRef90_B5EGE5 UniRef90_T1FM25 UniRef90_UPI00016C56C5 UniRef90_I6Z3Q2 UniRef90_B9L4B1 UniRef90_W8T4X4 UniRef90_H5SPL9 UniRef90_I3IQ69 UniRef90_P90838 UniRef90_UPI0003B3E218 UniRef90_L0DKC5 UniRef90_I4CB99 UniRef90_UPI0003741F55 UniRef90_E0SPW5 UniRef90_G4SW49 UniRef90_A2EGQ0 UniRef90_D3PDN1 UniRef90_X1S9S2 UniRef90_W0K562 UniRef90_H8GJP1 UniRef90_M1VFI7 UniRef90_UPI00036066DF UniRef90_C5KHZ5 UniRef90_UPI000361F847 UniRef90_UPI0003B6F821 UniRef90_S6BNN1 UniRef90_UPI0003AA0E27 UniRef90_Q8IIU6 UniRef90_Q2T5N9

WE R D L E R E E G G R M E G A D P E A V S Q R A K A Q R R G K P Q Q L G G S T L L G S S G G
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N H F L E E V Q V V E E I Y D D E A A N A Y G L F E N Q Q I T V L I H H H T T G G S R R G L G G
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A E S L P A E Y R D I G G Q Q P P V L V P G S M G T E S Y V L L V G T E T S D R L S F F G S S
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410 420 430 440

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UniRef90_E4RIS3		P A E G E M Q C D V R L F A T E L I Y N E I G E D			
UniRef90_H3SHB2			H V Y A N N A L Y Q D L I G A		
UniRef90_A3M700	Y E V L Q N E K S M		P V K M W T K G V L		V I D D
UniRef90_C6WAF9		P T T L P G A R V D I R L W A R P			D E V I E G
UniRef90_UPI0003736C91				I K M W T N G V P	V D P
UniRef90_D3UZ39			V H V F A N D E V F A S		F G E
UniRef90_COZGJ7			V K I Y T D D V		D S E
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UniRef90_H8GQ89			P I K L W A Q G V P		V D D
UniRef90_V5E9K8			A P I K M W T Q G V P		V I E P
UniRef90_UPI00037AD269			D V N V Y A N P E L F A G L		D Y
UniRef90_D9XYZ4		P G A K V P I R M W T D P A T			V I E
UniRef90_E3E5R8		P Y S H L M K L P A T V Y A S Q Q L F S S L			D Y
UniRef90_UPI0003779014			V P V K I F T D K V		E P
UniRef90_E3EL82	E V K K H N D A H R E I S L P N G K L H V			F A N D R V F N S L	E E
UniRef90_C0VHB3			V P V K I F T R D		I D Q
UniRef90_A9F6S8		P A Q I K G K N V D I K L W T R P			D E V I E A
UniRef90_B7X3Q4	M S E Q N Y Q L L E V A G G		V P V K M W T K G V P		
UniRef90_Q19Q24			G V F Y V N K N L E P L M F E E		
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UniRef90_UPI0004792A89			H V F A H E D L F H A M G A		
UniRef90_F8FKJ0			H V F A N D E V F G T F E D		
UniRef90_C7MXQ0		T I E G A R T D I R L W T D P A T			V I E D
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UniRef90_X0R4G2			V P V K I Y T S D		I I E Q
UniRef90_H8YWF4			P V K V W A D D		I I D A
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UniRef90_D3RW50	I K Q V I T D G D K P I K V W T D E				L D T
UniRef90_G4CGG7			P I K M W T K G V P		V I E P
UniRef90_H2CKQ4			V P I R I W A D P A		E V I E G
UniRef90_F8WPT1	I E E F A G D V S G K L H V F A N E E V Y Q N L				E P
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UniRef90_C6CFG6			V P V K M W T H G V P		V I E P
UniRef90_UPI0001FFEB02			G T A A P V R L W T D P		E S V I E P
UniRef90_UPI00036A0EB9			K V P V K V Y T S D V		D N
UniRef90_E4NI64		E V P G V R V P I R M W T D P A T			V I E G
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UniRef90_G7GS54			G A K A S T L L W T D		E E S I E H
UniRef90_D9W0H0		E V P G A K V P I R M W T D P A S			V I E D
UniRef90_A8HM16			P L K I W T D D		I I E D
UniRef90_W6AR47		E G K Q V P I K M W T K F V P			V I E E
UniRef90_T0Y808					
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UniRef90_UPI0003746B92			P V L S W A G H P L G P S E T		
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UniRef90_U9VS40			P V L S W A N H D L G S K E		
UniRef90_Q1IS75			V P I K A W T K G V P		V I E D
UniRef90_K9UJK7			P V L S W A G H D L A Q A E T		
UniRef90_X1UMB0			P G L L F A S Q E I L K D I L Q E		
UniRef90_UPI0003100086			T P V L S W A G H P L A S D E		
UniRef90_A0A059DQP3					L I E E
UniRef90_I9L9H7			V P I K M W T R G V P		V I E D
UniRef90_R1IIR9	T E N Y I E I K N E N K A T		V P I K A W T K G V P		F E D
UniRef90_A0A059KSA1			V P L K L W T E G V P		V I E P
UniRef90_R7KG65			V P V K I W T R D		I D L
UniRef90_C4ZKE9			V P V R I W T D D		I I D E
UniRef90_C4V9D9	M I N I S D L N I T I S K Y A N N M N T D I I Y A S T S L Q D T I I N D				
UniRef90_U1Z0N5			G A K A P T L M W A		H E H A V I E P
UniRef90_U4JYA5			R K P I K A W V S G V P		F E D
UniRef90_U1K874		E N E G M A T I K A W T K G V P			F E E
UniRef90_D2AU27			R A P I R M W A D P A		E V I E P
UniRef90_D2VLJ2			A E A K Y W T S K V		E P I E E
UniRef90_UPI00034B09F0			P V L S W A N H D L G H D E		
UniRef90_M3UXG0	E Y P I A L P G A R A D T L M W A E P				G E I E P
UniRef90_V4MV62			I K A W I D G V		A V I E D
UniRef90_X1BH49			Y A N D F L M E S I R R D		
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UniRef90_U5DN32			A P V Y S W A H H E L G A Q E		
UniRef90_UPI0003B50964		V K L V I K K G R I P I K M W T			E N I E E
UniRef90_Q7ULP9			P I R V F G T E S I R E T I E D		F D D
UniRef90_UPI00030C55BD			T P V L S W A G H P L G K D E S		
UniRef90_Q46NS2		R Y E L L K T D K G R			V I E E
UniRef90_Q2SQI8		Y E V T N V E K G			F E P
UniRef90_C0DB05			E K E E F K V V R V W L E G		P G V L I E E

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UniRef90_E5SZD3	N T L D Q L T N A T Q L P	G M T T H A L C M P	D D G H Q G Y G F P I	G G V A I Q D
UniRef90_U1QPZ1	K V L D M A N N N L H I P	N I R Y M S Y T P	D V H V G V G T C I	G T T A V W Q
UniRef90_UPI000365653D	L T L V I Q A A N V A C L Q	G I N Q R Y S L V M P	D D G H Q G Y G F C I	G G V I A M A
UniRef90_P46850	D A R M Q Q L I N T A K M P	F I F K H I V A V M P	D V H L G K G S T I	G S V I A M
UniRef90_W5WPZ4	Q A M Q Q L R N I S S L P	W A V K H I V A V M P	D V H F G K G A T V	G S V I A M
UniRef90_UPI00047E9F21	D A I E Q L K K V A Q L Q	F I H S H V A V M P	D V H L G I G A T V	G S V I A M
UniRef90_E4RIS3	T A L K Q L F D A S K I P	G I T A V I G M P	D L H Q G Y G L P I	G G L M V S R
UniRef90_H3SHB2	K V F E M A N N N L Q I P	N R V Y M S Y T P	D V H V G V G T C I	G T T A V W N
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UniRef90_C6WAF9	E A L R Q L Q N I A T L P	W A V K H V A V M P	D V H F G K G A T V	G S V I A L
UniRef90_UPI0003736C91	K A I T Q L Q N T A K M P	F V F K H L A V M P	D V H V G K G S T I	G S V I A M
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UniRef90_COZGJ7	P A V K Q L V N I A Q L P	F I H S H V A A M P	D V H V G I G	A T V G A V I
UniRef90_W6LYH6	P A M K Q I G N V A A L P	G I V H R S I G L P	D V H S G Y G F A I	G N M A A F D
UniRef90_C3PSY0	G A M Q Q L H N V A T L P	W I K G L A V M P	D V H Y G K G A T V	G S V I A M
UniRef90_A0A024YS61	A A K K Q L L N M A R M P	F V F K H I A V M P	D V H F G L G S T I	G S V I A M
UniRef90_H8GQ89	E A R E Q L L N T A K M P	F I F K H L A V M P	D V H L G K G S T I	G S V I A M
UniRef90_V5E9K8	K V F E M A N N N L Q I P	G I R Y M G Y T P	D V H V G V G T C I	G T T A V W D
UniRef90_UPI00037AD269	G A L Q Q L R N N L A T L P	W I K G L A V M P	D V H Y G K G A T V	G S V I A M
UniRef90_D9XYZ4	K V F E M A N N N L Q I P	G I R Y M G Y T P	D V H V G V G T C I	G T T A V W G
UniRef90_E3E5R8	A A L E Q L R N I A Q L P	I H S H V A A M P	D V H L G R G A T V	G S V I P T F
UniRef90_UPI0003779014	K V F E M A D N N L R I P	R N V Y M S Y T P	D A H V G V G T C I	G T T A V W K
UniRef90_E3EL82	E S I E Q L K K M A Q L Q	F V Y S H I A V M P	D V H V G K G A T V	G S V I A M
UniRef90_COVHB3	I A L E Q L R N I S A L P	W V F H H I A A M P	D V H F G K G A T V	G S V I A M
UniRef90_A9F6S8	E A R Q Q L A N A A R L P	V F K H L A A M P	D V H L G I G A T I	G S V I A M
UniRef90_B7X3Q4	P G M K Q I A N V A A L P	G I V G K S V I G L P	D I H S G Y G F A I	G N M A A F D
UniRef90_Q19Q24	Q A L R Q L H N I A S L P	I V H P Y V L A M P	D V H A G I G A T V	G S V I A M
UniRef90_A0A031GQP1	A S K Q Q L L N T A G M P	F I Y K W L A V M P	D V H Y G K G S T I	G S V I A M
UniRef90_UPI0001D2E791	E A Q K Q L E N A A R L P	I V F K H L A A M P	D V H Y G I G A T V	G S V I P T F
UniRef90_C5CJY1	K V F E M A N N N M Q I P	N I R Y M S Y T P	D A H V G V G T C I	G T T A V W G
UniRef90_UPI0004792A89	R V Y E M A D N N L R I P	S S V Y M S Y T P	D A H I G I G T C I	G T T A V W G
UniRef90_F8FKJ0	E A L R Q L H N V T T L P	W I H G V A V M P	D V H Y G K G A T V	G S V I A L
UniRef90_C7MXQ0	K A L A Q L K N L S Q L S	I H S H I A A M P	D V H A G I G A T V	G S V I A M
UniRef90_UPI00035E0D15	G A M Q Q L R N L A Q L P	F V H S H I A A M P	D V H V G K G A T V	G S V I A M
UniRef90_X0R4G2	R S Q A Q L V N L S T L P	F I H K H V A A M P	D V H L G I G A T I	G S V I A T D
UniRef90_H8YWF4	R V Y D M A D N N L R I P	R N V Y M S Y T P	D A H V G V G T C I	G T T A V W N
UniRef90_UPI0003B3E29B	L S R E Q L V N L S R L P	F I H R H I A A M P	D V H A G L G A T I	G S V I A T D
UniRef90_D3RW50	A A E Q Q L R N L A Q M P	I V F K H I A A M P	D V H Y G I G A T V	G S V V A M
UniRef90_G4CGG7	A A L R Q L Q N T A A L P	W V F K H L C A M P	D V H Y G I G A T V	G S V I A M K
UniRef90_H2CKQ4	R I F E M G R N N L Q I P	R N V Y M S Y T P	D A H V G V G T C I	G T T A V W N
UniRef90_F8WPT1	A A M R Q L R N I A D L P	W V H G V A V M P	D V H L G K G A T V	G S V I A M
UniRef90_A4FFP5	G A L R Q L E N V T T L P	W I R G L A V M P	D V H Y G K G A T V	G S V I A M
UniRef90_V6KGN6	S A M A Q L R N V A N L P	W I H G V A V M P	D V H Y G K G A T V	G S V I A M
UniRef90_UPI00037AF910	A A L E Q Q A K N I A T L P	F I H P H V A A M P	D A H A G I G S T I	G S V I A
UniRef90_X0SWZ4	E A R E Q L L N T A K M P	F I F S H L A V M P	D V H V G K G S T I	G S V V A M
UniRef90_B2ZXV2	G A L T Q L R N I A A L P	W T H S H I A A M P	D V H Q G Y G S T I	G S V V A M
UniRef90_C6CFG6	A S L T Q L L G N M A Q L P	F I H S H I A A M P	D V H V G T G A T V	G S V I A M
UniRef90_UPI0001FFEB02	Q A M Q Q L R N I A T L P	W L H G L A V M P	D V H L G K G A T V	G S V I A M
UniRef90_UPI00036A0EB9	S A K Q Q L R N I A S T L P	V G P W V A V M P	D V H L G K G A T V	G S V V A M
UniRef90_E4NI64	Q A R N Q L R R V S E L P	W V H G V R V M P	D V H V G K G A T V	G S V I A M
UniRef90_I4W5E9	S A M R Q L Q N T A G L P	W I K G L A V M P	D V H Y G K G A T V	G S V I A M
UniRef90_G7GS54	E A L Q Q A K N L A R L P	F I A G N V A L M P	D V H A G K G S T I	G S V I A
UniRef90_D9W0H0	R A Q Q Q L L N L S E L P	F I F K H L A V M P	D V H W G M G A T I	G S V I A
UniRef90_A8HM16	Q V M G Q L R N I S G V P	W V H G L A V M P	D V H F G K G A T V	G S V I A M
UniRef90_W6AR47	V A R D Q L R N I V S G L P	V I E F K L A V M P	D V H Y G K G A T V	G S V I A M
UniRef90_T0Y808	Q M A K N N V A S S L P	F V F E K H L A V M P	D V H L G K G A T V	G S V I A M
UniRef90_UPI00034AE267	N T L R Q L A N V A T L P	W I E G L A V M P	D V H Y G K G A T V	G S V I A M
UniRef90_UPI0003737CC1	Q A A R Q L R N I G T L P	W V Q G L A V M P	D V H F G K G A T V	G S V I A M
UniRef90_UPI0003746B92	I Q M A K N V A S L P	V Y K H V A L M P	D V H L G K G A T V	G S V I A T D
UniRef90_UPI0003736562	Q A K Q Q L M N V A Q M P	F V F K W V A A M P	D V H W G I G A T I	G S V I A
UniRef90_A4X2L8	K M A K N V A S L P	F V F K H V A A M P	D V H L G K G A L V	G S V I A
UniRef90_U9VS40	Q S L E Q V V N V A F L P	G I V S Y S L A M P	D I H W G Y G F P I	G G V A A M R
UniRef90_Q1IS75	L K M A K N V A S L P	F V F K H V A L M P	D V H L G K G A L V	G S V I A
UniRef90_K9UJK7	A A R E Q L E N V A G L P	F V H S H L A V M P	D V H F G R G A T V	G S V I A
UniRef90_X1UMB0	G A R A Q L A R A A Q M P	F V F K H I A V M P	D V H I G I G A T V	G S V I A
UniRef90_UPI0003100086	K A R Q Q L N N I A S M D	I V H S H I A A M P	D V H L G M G A T I	G S V I A
UniRef90_UPI0003737CC1	A A M A Q L A N T A R L P	V V F R H V A A M P	D V H L G I G A T I	G S V V A
UniRef90_UPI0003746B92	K S I D Q L K N V A R L P	F V F H H V A A M P	D V H A G M G A T I	G S V I A T K
UniRef90_UPI0003736562	G S K A Q L A N L A S L P	F I H H H V A A M P	D V H L G I G A T I	G S V I A
UniRef90_A4X2L8	N L I T Q L T D I A T K L P	S V S K S V T G L P	D L H T G Y V F P I	G S V I C F D
UniRef90_U9VS40	A A L Q Q L R N I A A L P	W V E G S V R V M P	D V H L G K G A T V	G S V I A M
UniRef90_Q1IS75	K A R E Q L D N I A K M E N I	V H H I A V M P	D V H M G K G A T I	G S V I A
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UniRef90_C0VHB3 V A V E W A Q S Y A F E N R R E M I R L L I E A I R P L L P A F Q M T K V L
UniRef90_A9F6S8 R H D L F W A Q R Y A R T N R E A M F H L A E G V L R R H V P E L A I
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UniRef90_T0Y808 L E G M A A A A N F A W A N R A Q V I T H G I R S A F E T V F G A P W R D L G L
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	330	340	350	360
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UniRef90_U1QPZ1	E L L Y D V L A H N N I A K K E E V H E V D G G E D R E C Y V H R R K G A			
UniRef90_UPI000365653D	P T L Y D V L M H N N Y A W T E Q H D T E G E L F V H R R K G T T R A L P A G H			
UniRef90_V4LNE2	H L V Y D V A H N N I A			
UniRef90_P46850	A E E I N C H H N N Y V Q E E Q H F G E E			
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UniRef90_UPI00047E9F21	E A V N C H H N N Y V Q Q E E Q H F G E E			
UniRef90_E4RIS3	D L F Y D L T H N N I A K K E E L Y Q G G E			
UniRef90_H3SHB2	T T L Y D L M H N N Y A W E E S H N G R R M F V H R R K G A T R A L P P H H			
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UniRef90_V5E9K8	Q E A V N C H H N N Y V Q R E T H F G E S V W V T R K G A V S A			
UniRef90_UPI00037AD269	R T L Y D L M H N N Y A W S E Y R G D D T V F V H R R K G A T R A L P A G H			
UniRef90_D9XYZ4	E P E I S C H H N N Y V A E E R Y E G M D L L V T R K G A I R A			
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UniRef90_A9F6S8	Q A A I T C H H N N Y V A E E C H F G E E			
UniRef90_B7X3Q4	E A I N C H H N N Y V Q K E E H F G E E			
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UniRef90_UPI0001D2E791	E A V N C H H N N Y V A R E H H F G E N V L I T R K G A V S A A E			
UniRef90_C5CJY1	E A V N C H H N N Y V S R E T H F G E E			
UniRef90_UPI0004792A89	P L Y D L M H N N Y A V I E E N H K E E A L L V H R R K G T T R A L P A G H			
UniRef90_F8FKJ0	P V L Y D L M H N N Y A L K E F H R N Q G M L V H R R K G A T R A L P P K H			
UniRef90_C7MXQ0	D E P I S C H H N N Y V A E E R Y D G V D L M V T R K G A I R A A K			
UniRef90_UPI00035E0D15	E A I N C H H N N Y V Q K E E H H Y G A D V Y V T R K G A I S A R E			
UniRef90_X0R4G2	E A I N C H H N N Y V N K E E V H F G E Q V Y V T R K G A I S A Y			
UniRef90_H8YWF4	E E V V N C H H N N Y V D R E N Q F G A N V W V T R K G A I S A R E			
UniRef90_UPI0003B3E29B	P V L Y D L M H N N Y A L Q E F H R N R A M L V H R R K G T T R A L P A G H			
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UniRef90_G4CGG7	E A V N C H H N N Y V Q R E T H F G Q N V L V T R K G A I R A			
UniRef90_H2CKQ4	Q E R V I C H H N N Y V A E E M H F G E R N S P H I V H R R K G A T R A L P A G H			
UniRef90_F8WPT1	E L L Y D L M H N N Y A Q V E F H R N S P H I V H R R K G A T R A L P A G H			
UniRef90_A4FFP5	D E P I S C H H N N Y V A E E T Y D G V E L L V T R K G A I R A			
UniRef90_V6KGN6	D R V V S C H H N N Y V A E E R Y E G L D M L V T R K G A I R A G G			
UniRef90_UPI00037AF910	D D A I S C H H N N Y A E E T Y D G V D V L V T R K G A I R A			
UniRef90_X0SWZ4	H L V Y D V A H N N I A K I E E H E V D G K R R K V Y V H R R K G A T R A F P P H H			
UniRef90_B2ZXV2	E E A V N C H H N N Y C E Q E N H F G R N V W V T R K G A V S A R E D D			
UniRef90_C6CFG6	Q E A V D C H H N N Y V Q Q E T H F G E P V L V T R K G A V S A H			
UniRef90_UPI0001FFEB02	E P E V S C H H N N Y V S E E T Y D G V E L V T R K G A I S T E G			
UniRef90_UPI00036A0EB9	R E A I N C H H N N Y V E K E T H F G A E V Y V T R K G A I S A			
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UniRef90_I4W5E9	Q M A V N C H H N N Y V Q K E T H G G E E L L V T R K G A V S A R			
UniRef90_G7GS54	D D P I S C H H N N Y V A T E T I D G L E L L V T R K G A I R A			
UniRef90_D9W0H0	E Q E I S C H H N N Y V A E E R Y D G V L D L L V T R K G A I R A G G			
UniRef90_A8HM16	H E A I N C H H N N Y I A R E N H F G R N L W V T R K G A I R A R E			
UniRef90_W6AR47	T T A V A V S C H H N N Y A M E N H F G D T N V L V T R K G A V R A R			
UniRef90_T0Y808	D V A Y D L S H N N M A K I E S H A T P E G D D R R L V H R R K G A T R A F P A G R			
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UniRef90_UPI0003737CC1	D Q V I S C H H N N Y V A E E T Y G G V D L L V T R K G A I R A			
UniRef90_UPI0003746B92	K P L L S V N C H H N N Y A E E Q E V H F G E D V Y V T R K G A V R A R			
UniRef90_UPI0003736562	D E V V S C H H N N Y V A E E Q Y D G A E L L V T R K G A I R A			
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UniRef90_Q1IS75	V Q A I N C H H N N Y V A R E N H F G E N I L V T R K G A V R A R			
UniRef90_K9UJK7	K P L L S L N C H H N N Y A E K E V H F G E E V Y V T R K G A V R A R E			
UniRef90_X1UMB0				
UniRef90_UPI0003100086	L L T V N C H H N N Y A E K E I H F G E E V Y V T R K G A V R A T P			
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UniRef90_A0A059KSA1	E A V N C H H N N Y V Q R E E H F G Q E V F V T R K G A V R A			
UniRef90_R7KG65	E L V N C H H N N Y V A K E E H F G E T I W V T R K G A I R A			
UniRef90_C4ZKE9	T E A V N C H H N N Y V A R E H H F G A D V W V T R K G A I R A			
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UniRef90_U1Z0N5	D E A V N V H H N N Y V A V E H V D G Q E L V V T R K G A I R A			
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UniRef90_D2VLJ2	L V A V N C H H N N Y A Q L E N H F G E D L Y I T R K G A V S A K K			
UniRef90_UPI00034B09F0	R A L L E V N C H H N N Y A E K E M H Y G E E V Y V T R K G A V R A R E			
UniRef90_M3UXG0	R S E V Q C H H N N Y V A E E T Y D G V D V I V T R K G A I R A			
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UniRef90_Q2SQI8	E A V N C H H N N Y V Q K E N H F G K D V L T R K G A V S A			
UniRef90_C0DB05	S G D I N C H H N N Y A A L E N H Y D K N V W V H R R K G A V R A R			

		370		380		390		400
UniRef90_V4Y4Y1	P E L	P G A H A D	V G Q	P V L V	P G S M G A G S Y	V L R G A P	R S L D L T F G S	
UniRef90_E5SZD3	P L I	P V D Y Q						
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UniRef90_M3GPK0	N H F I E F Q E D E		K G Y L C L M L H S G S R R H L I G G	
UniRef90_C0E6X4	N H F I E L C L D E		T D T V W M F L H S G S R R G V I G G	
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UniRef90_M9T4C6	N H F I E L C L D E A		S E A V W M F L H S G S R R G V I G G	
UniRef90_A1K1J2	N H F I E L C V D E A		D Q L W V M L H S G S R R G I I G G	
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UniRef90_U7HPX8	N H F I E L C L D E N Q		A V W V M L H S G S R R G V I G G	
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UniRef90_UPI000051043C			D A G R P G L I	P G S	M G T A S Y V V E G	K G D P V S L N S		
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330 340 350 360

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410 420 430 440

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D Q  
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L G E L A G A C R F A R A N R L L A Y R M L R A L G A S R A S T I T G G L
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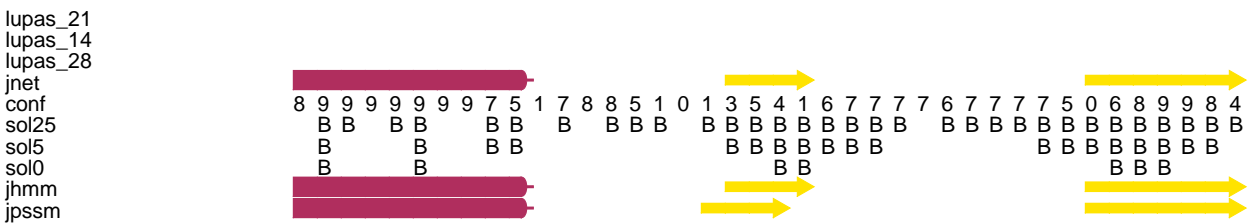
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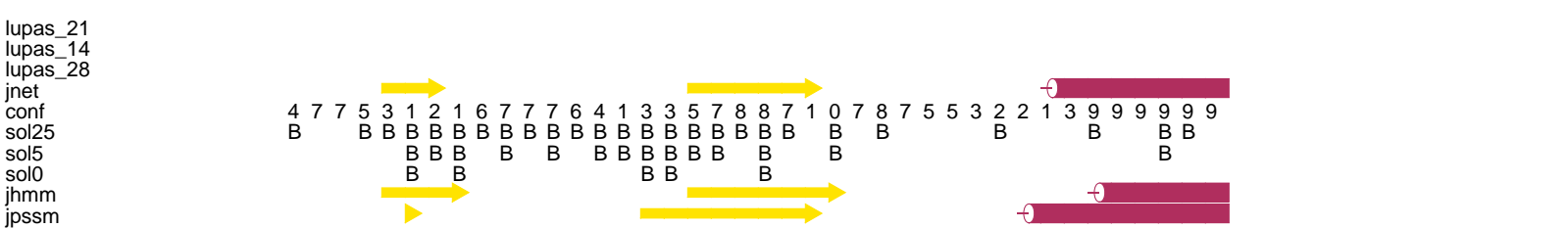
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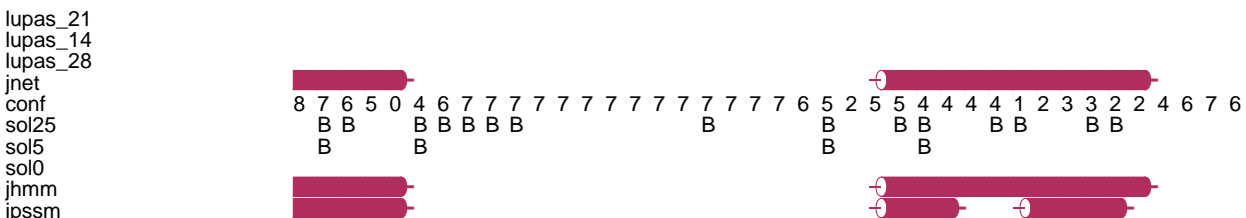


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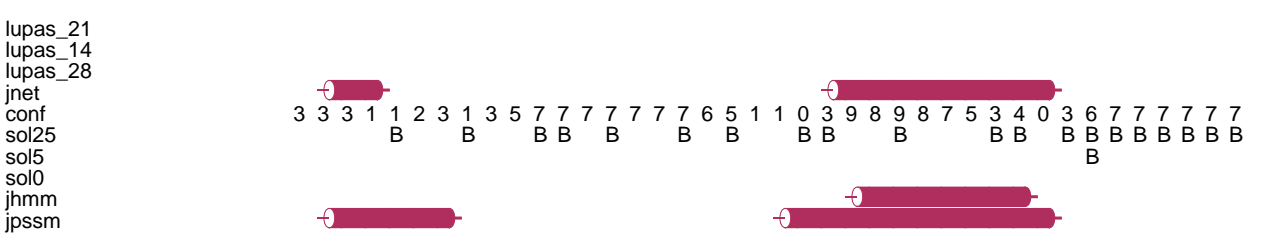
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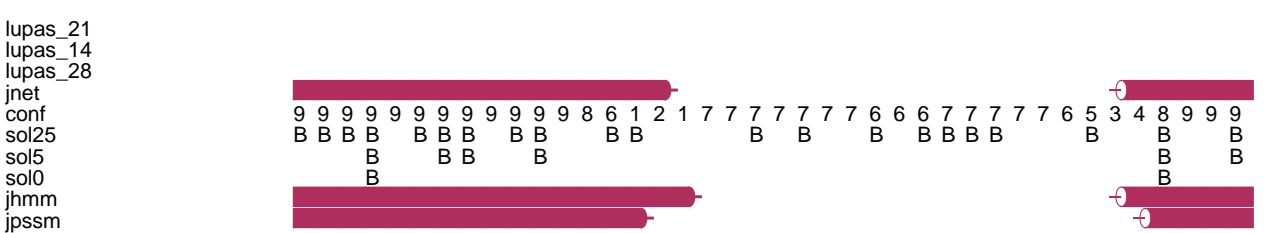
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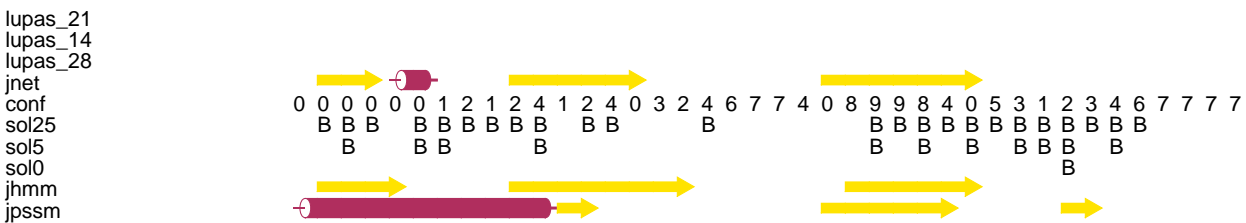
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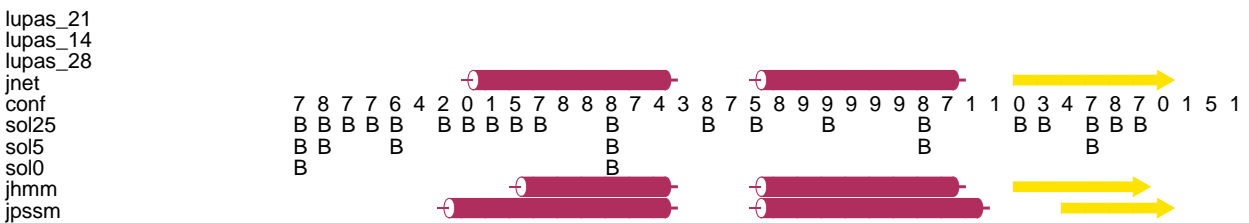
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