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

		90	100	110	120
UniRef90_B5M6N3	E L T V D	D I P I T D V K G E		R I E G T K K P S E V R M	
UniRef90_UPI00035C1908	E I Q P	E D V V I T D L N G N		I V D G R L K P S S E Y E M	
UniRef90_B2A7G7	D M T V E E		V V V M D L D G N V I E	G K G A P S S E W P L	
UniRef90_UPI00041E142B	D M T P	E M I V A M P I D G E Y G A W		S G P R K P S V E W P F	
UniRef90_D1AQX4				D G D K K P S S E Y F M	
UniRef90_UPI0002D60D47	T L L P D	D L V L M P L D C S R A		P K G P L Q P S T E W P F	
UniRef90_B8CZ77	K I K Q	E D I V V F N R D G K		V I R G D K K P S E N Q L	
UniRef90_X4QTJ0	S L T P	E S I C K V R I D G S		V L A Q T P P Y K V S S E V K V	
UniRef90_D6BBP7	R L	P E D T V A V G L D G		R Q V L G T L K P T S E L P L	
UniRef90_E4RJW5	A C K V E D	V V V M D L E G N I V E		G K R K P S S E Y E L	
UniRef90_B6BEK3	Q M A P E M	L V K M P L		D G S E A P A G Q L K P S T E W P F	
UniRef90_UPI00036F4C37	A L R P	E D L V Y V D A A G R W		D P Q R K P S S E W H F	
UniRef90_UPI000369031B	E L	G D D D L V A V D M N G G Q T H		G T L R P T S E L P M	
UniRef90_I2F7Z2	S L K I D D	I V M A D M K G N T I D		N K R K P S E H A L	
UniRef90_UPI0002378928	K L A	V E D I P L V D L T G N		V V E G D L K P T S E L R M	
UniRef90_V6QBH2	E L	T Q L E D I V V D L D G K		V I D G K R K P S S E I T M	
UniRef90_A1S082	K L R P	E D V L V V R E D G S		V V D G R G K P S V E F K T	
UniRef90_Q0I7A3	S L A Y D Q M E	P E D L V A I D F C G Q P L Q		T G L S G D K R R P S S E W R L	
UniRef90_G7D215	R M R P E D	I V A M D F S A N Y Q		G N H R P S S E W R F	
UniRef90_C4SFM1	E L L P E R	L S R V S L		Q G E W L S G D K P S K E V S F	
UniRef90_B8CWP8	D T S P E D	V V V M N L N G K		I V E G S K K P S S E Y R M	
UniRef90_F4XD85	R I T P E M			L E G D R H P S S E A P M	
UniRef90_UPI0002D8F9A7	E I T E N D	I V K I N F D G E		I L D G D K K P S S E W M M	
UniRef90_H3NMC2	L M K P	E D I V I L D L D G N		I I E S E S N F K P S S E W R M	
UniRef90_B0NB6	F M T P E Y	I C K V N A K G E V L E		A N E G F R P S S E I K M	
UniRef90_UPI000474A3B8	I L G P E Q M	I R V D I Q		S G K A E E G K R P S M E T P F	
UniRef90_UPI00046EBA47	Y L E P H M	L V K V N L Q G E I L E		A R E G Y R P S T E V K M	
UniRef90_F7KVA8	R L	C A D D M V L V N M		K T F E Y E G R L K P S V E V P V	
UniRef90_U3QL23	M L D P	A A V A K V A T D G S W		V S G D K P S K T L T L	
UniRef90_D1ACW0	R M T P	A D C P V I D L T G		A V V E G E R E P S S E T P M	
UniRef90_A5GNQ4	Q M T	T G D L V A L D L S G Q P L Q		S G Q R R P S S E W R L	
UniRef90_A8F8E1	K L N F D Q	V P V I D M N G K		I I E G N L K P S E Y Q L	
UniRef90_UPI000467CBF6	T M E A H H	V V L V D A D G		H V L A G D L Q P T S E L G L	
UniRef90_R6NNM7	Y M T E E C	L C K I N L Q G E V L		S C Q D G F R P S S E M K M	
UniRef90_UPI0002D6444C	F L D P E A Q	I A K V D A A G N R		V S G D K P S K T L A L	
UniRef90_E7RDT1	Q L N P	S D V I T D L N G N		I I D G T C P S S E W S M	
UniRef90_J2ZA59	E I E P	S D V P V V R T D G T V T		E G E T D P S T E L P M	
UniRef90_K7RJ73	D L T	A E L V G V H D L D G N		V V E A Q L K P S S E L P L	
UniRef90_UPI00036112C8	R L D P			G R L A H F D A S G R Q I G G D A P T K E Y E L	
UniRef90_UPI000401D84E	E	T E A E D V V V M D L D G K		T V D G R R K P S S E Y E L	
UniRef90_C3X5J2	K M	I A A S I C L M N M S G E N T G N E		R P S S E W R M	
UniRef90_UPI0003B55015	L L T P	A D M V M D L Q G C		Q L S G S K K V T S E I G M	
UniRef90_UPI00041AD515	A M K P	E Q I V Y M H L D G N H		D P A Q R P S S E W R F	
UniRef90_X5KJQ3	A M S	A R D V G I H D L D G N		P V D A V L A P S S E L A L	
UniRef90_D4GQU5	E I E	S E D V P V V T L D G E L V A		G D R K P S S E V R M	
UniRef90_I0AON1	A L A	E D D I A V V D L S G K		T I E G K R K P S V E M P L	
UniRef90_B6VMQ8	Q L T E A H	I V Y V D E N		G Q H E D H K I P S S E W R F	
UniRef90_B5YHY2	R L K F S D	I I E L N F D G K V I E		G S R E P S S E Y R L	
UniRef90_D6Y0N2	F M R P D M M	V K M N L D G K		I L Q G K M K P S S E Y R M	
UniRef90_F7S279	Q M Q P E T	V A T M A V D G E Y G A W D		G P L R P S T E W R F	
UniRef90_UPI00037F397B	K T K P E D	V V V I D F D G N V V D		G D R K P S S E V D M	
UniRef90_UPI000476A3D4	E M T P E S M			V H M Q F D G S F E G S K K P S S E W R F	
UniRef90_I674B6	K T E L	P D I V T M R L D G		T I V Q G H R R P S S E W R M	
UniRef90_E4RM24	D I R L	E D I V V M D L D G N		I V E G S R K P S S E Y E M	
UniRef90_R5L4Q4	F I T P D K			A A L G L R P S S E I K M	
UniRef90_E8LD01	T L T P	E D V V I I N R D G E		V V E G K H I P S S E L K V	
UniRef90_L8P7X7	R L T P	E N V T G V D L D G		G Q V L G E L V P T S E L P M	
UniRef90_G9PLE6	E L T A D T M	V V C T L D G E K		I D D G T P A S L T P S S D T A A	
UniRef90_B0US21	L L T E N	N I V Y V D K		H G K H E E G K F P S S E W H F	
UniRef90_UPI000344B6CF	A L D E D A I V W L P L			D V A A D A P V L N E R K P S S E W R M	
UniRef90_B5HWB3	E L T P D Q	V T V V D L D G E		I V T G L L P T S E L D L	
UniRef90_UPI00047CB9F6	L L Q P	E D M V L V D L E G K		R J A G L K K P T S E I G I	
UniRef90_UPI00036CEA9	D L A P	A T V V C D L D G N		L V E G E M S P S S D T A A	
UniRef90_U1PTW6	E M A P	E D V V V G T D G		A R V D G D L E P S S E L P A	
UniRef90_L1MIM9	D V A Q Q P T R T V S A F I I D P D G T T A T W R Y	H H D R A A R P T S E F N S			
UniRef90_S3JP18	K I T D K L L S V V S I			E T G K P L N D I T P S K E I M M	
UniRef90_UPI000377CD1E	D L T P	A D M V V C D L D G N		L V D G T R A P S S D T A A	
UniRef90_I3ZUK4	E M T	G E Q V A V V S I D G N Q		I S G V R P S S E Y R L	
UniRef90_G2J110	F L E P E R			I A W V D A A G E Q Q S G D R A S K T L A L	
UniRef90_C6CWG0	E I E P E Q W	V A V D I E T G A V E		E N G L R P S S E V L M	
UniRef90_E3G6Y6	R L T E N Q	I V Y V D A Q		G G H E E G K L P S S E W R F	
UniRef90_UPI0004748B60	E I E E E D I L L E V D L V S			G A V L A G K R K P S T E T P M	
UniRef90_D8HTN0	D L S A D T M	V V T D L D G E		L V E G D L A P S S D T A A	
UniRef90_UPI0003B4A693	Q L T P	E S M V V C D I K G N		L V D G D R N P S S D T A A	
UniRef90_M1LYY5	T M K	A E D I A I V D L N G K		W L D G P Y K P S S E V P M	
UniRef90_W0LGJ3	N L T E S H	I V Y I D G D		G K P E A G K L P S S E W R F	
UniRef90_J0ZLK6	R L	D A T R L S K L D H E W N		H I S G D K P S K E V F M	
UniRef90_C9YZR4	R L T P D D V T G V D L			T G R Q V L G T L R P T S E L P M	
UniRef90_H2IMP2	Q L T P E Q	I V Y V A E D G T		F E E G K L P S S E W L F	
UniRef90_M2PXZ0	T V R P	G D L S V V D G D G N H		L A G P P P S K E A F F	
UniRef90_D5WG94	R L D P			A D I A K V D A N G H A M S G G K P S K T L A L	
UniRef90_C5CR69	F L D P A R L A K L			D A Q G Q Q T G G D R A S K T I A L	
UniRef90_UPI00047768F7	R L D P N			D I A K A D L Q G N H I S G G R P S K T L A L	
UniRef90_UPI00037261D8	S L T T K	D L M Q V K R D G T I		I G V H K P S S E L P F	
UniRef90_UPI00047B0F5C	E L T P	E N Q I L C D L D G N V		L E G T P G S E R S P S S D T A A	
UniRef90_D1B8F8	A L R	E Q D V T V L D M E G R		V L E G L K P S S E W R M	
UniRef90_F0RUD1	S L K Q E			D V S H F T K E G T L L S G K A P T K E V P F	
UniRef90_UPI00036D2148	R L T P A D V T G V D L			T G R Q V L G T L V P T S E L P L	
UniRef90_C3WF16	I L T P Y D	I M V V D L E G K V V D G		N P D Y K P S S E T E M	
UniRef90_UPI000363D819	E L T	A E A M V V C D F D A N		L V E G S R N P S S D T A A	
UniRef90_W2BPN6	E L E	S G M V V C D L D G N K		I D D T S K G L N P S S D T A A	
UniRef90_B9KKM1	K L A P	E D I V F L A M D G		T A T G R H R P S S E W R F	

	130	140	150	160
UniRef90_B5M6N3	H G L I Y E H Y	P D V R A L V H T H S V Y T T V L S L I R K P		
UniRef90_UPI00035C1908	H A I V Y R N R D D	A R A M I H T H A L Y L T T I A C L R W D L P A V		
UniRef90_B2A7G7	H L K C Y Q H R Q D L A G	V V H T H A L Y S T I I F S C L N Q S I E P V		
UniRef90_UPI00041E142B	H L D I M R A R	P E V C A V V H T H A T F S T I L		
UniRef90_D1AQX4	H R V F Y R D R D D V G	A V V H A H S T Y S G V L A T L H W E I E P V		
UniRef90_UPI0002D60D47	H Q A I L Q A K	P G V N A V V H A H P I V Y C S A L A M N R Q S I P A		
UniRef90_B8CZ77	H L K I Y E A R E D V	S D A V N A V V H A H P I V Y S G A F A I T G E		
UniRef90_X4QTJ0	H L R L Y Q V	G T A R A V V H T H A P H A T A V S T L V D T L P P V		
UniRef90_D6BBP7	H L A I V Y R T	I F S V V H H C H S I Y C T T M S I L R E D D L P A A		
UniRef90_E4RJW5	H Q I F Y K K R D D	P A V N A V V H A H S V Y C S A L A M N R Q A I P P A		
UniRef90_B6BEK3	H L A I L Q A K	P E L G A V V H V H S V Y A S V V A T L Q G R D I P A L		
UniRef90_UPI00036F4C37	H R A I L Q A R	S T D A R A V V H T H A V H A T A V S T L V P E L P T V		
UniRef90_UPI000369031B	H L A V Y	G S T D A R A V V H T H A V H A T A V S T L V P E L P T V		
UniRef90_I2F7Z2	H R M I Y S H R P D V G	A V I H T H P Q Y S T A F A I A R K D I P P A V		
UniRef90_UPI0002378928	H L T A Y R	R H D A G A V V H T H S L H A T A L S L L R N D V P A V		
UniRef90_V6QBH2	H R I F Y Q N	N P A V R A V V H T H S E Y A T T F A C L R E S		
UniRef90_A1S082	H L A V Y R A R R D V	N A V V H A H P V Y S G V L		AA
UniRef90_Q0I7A3	H A D V L A D R	P D A M A V F H C H P I H A T A L A C H D R		
UniRef90_G7D215	H R D I L R A R D D	I N A V V L H T H S T F S T L L		AV
UniRef90_C4SFM1	H L A L Y H N	N P E C K A V V H L H S S T Y L T A L S C L Q D L D P R N		
UniRef90_B8CWP8	H L I F Y K N R N D V G	H A V V H T H S I Y A A		T I A S
UniRef90_UPI000369031B	H W A V Y A A R P D V G	A V V H A H P A		
UniRef90_UPI0002D8F9A7	H R E I Y K N Y	P S Y N A I V H T H S P M A T A F A V S R K K I P L I		
UniRef90_H3NMC2	H A E I Y K N K E D	P I N S I I V H T H S P K A T S F A V V H K D I P L I		
UniRef90_B0NB56	H I R V F Q R R	P D V N A V V H A H P M Y A T S F		AI
UniRef90_UPI000474A3B8	H L G I Y R R R P D V G	A V V H C H P L S C T V L A V Q G R P F R S A		
UniRef90_UPI00046EBA47	H S R I Y R E	L P E M N G V V H A H P T F G T A F A L K G E		
UniRef90_F7KVA8	H S A V Y L S R P E V N G	N G I V H T H S T Y A L T M A T		
UniRef90_U3QL23	H R A I Y D N	N P G A H A V V H T H S T H L V A L T L A G V W Q P D D		
UniRef90_D1ACW0	H L A V Y E A	T G A P A I V H T H S T Y A A V V A T T L T E L P L		
UniRef90_A5GNQ4	H A D V L A S R	P E A Q A V L H C H P V H A T A L A C H D R		
UniRef90_A8F8E1	H T Q I Y R N F S D V	N A V I H T H S I Y A T V L S V L R I P L P A I		
UniRef90_UPI000467CBF6	H L G L Y R	S S D T G A I V H T H A P M A T A V S C V L D E L P C I		
UniRef90_R6NNM7	H L K V Y E K R	S D V R A V V H A H P Y A T F		AI
UniRef90_UPI0002D6444C	H R M V Y D N	N P E M H A V V H T H S T H L V K L T I T G V W S Q D		
UniRef90_E7RDT1	H A I F Y Q K R E D	I N A V V H T H S S F A K T L A S L R W D L P A V		
UniRef90_UPI000369031B	H L A V Y D R R P D V G	I N A V V H T H S P Y A T T F A S L G E A I P A		
UniRef90_UPI000369031B	H L A V Y	H S T D A G G I T H N H A P S S T A L G L V C D E		
UniRef90_UPI00036112C8	H A A F Y Q R R T R	T A A V V H L H S C H A V A L S A L P E A D A E D		
UniRef90_UPI000401D84E	H R I F Y Q R R D D	P D I A A V V H T H S V Y S V L A T L R Q S L P A		
UniRef90_C3X5J2	H R D I Y A A R	P D V A V V H T H S T F A T T L A C L A G R		
UniRef90_UPI0003B55015	H L A V Y Q T K E D V	N A V V H A H P P T A T G F A C A G R		
UniRef90_UPI00041AD515	H R D I L K A R	P E V Q A I V H T H P P Y S T M L		AI
UniRef90_X5KJQ3	H L A V Y R Q	T D H T A I V H T H A P A S T A L S T V T D V V P A		
UniRef90_D4GQU5	H T G I L R E R E D A G	A V V H N H S P Y A S T F A S L G E P I P A		
UniRef90_I0A0N1	H L A I Y K N Y	D Y I N A V I H A H G I Y S T A L		AV
UniRef90_B6VMQ8	H Q A V Y H A R	P D A N A V I H N H A I H C V A V S		AI
UniRef90_B5YHY2	H I E L Y K R R K D	N T E I R S V I H T H S T F A C A L		AS
UniRef90_D6Y0N2	H L R A Y K E	P T V N A V V H A H P V A T S F		AI
UniRef90_F7S279	H L D I M R A R	P E V N A I V H T H A T F A T I L		AI
UniRef90_UPI00037F397B	H R I F F L N R	P T V N A V V H A H S M Y G A L L A C L N W N L E P V		
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L A G R A G C L L R N H G V T I T I G A S L S Q E A F S V N R A R Q I E E W L C E L W Y T
M Q N D T G I L L A N H G V L T T V G E S L S E A F S V A K D I E E F V A K L Y Y R
L G D R C A V L M A N H G A L A C G S T L E E A I A N L G Y L E E R A A K V A V Y Q
L E N R Q A C L L A H H G L V S L G R D Q A L K I A I E V E T L A K M Y L Q
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A P H H T A F L A N H G S I V I G K D L R A A A D N T E E L E E T A K L I F
V G E Y N A T L L A N H G L I A L G K N I S E A F K V A E E I E E F L A R Q Y V L
V H D H N G V L L A N H G A L T T W G S D L L W S A F D R M E Q L E E H T A K I Y Y R N
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M G G M R A A L M A N H G G V T I I G A D L E A D A F E N A R L E E T L C G L Y V R
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G S F W L T A S G K S K G
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70 80
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UniRef90_A0A038C310	E V		D R E A G I V I	K P S G V A Y E
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260

270

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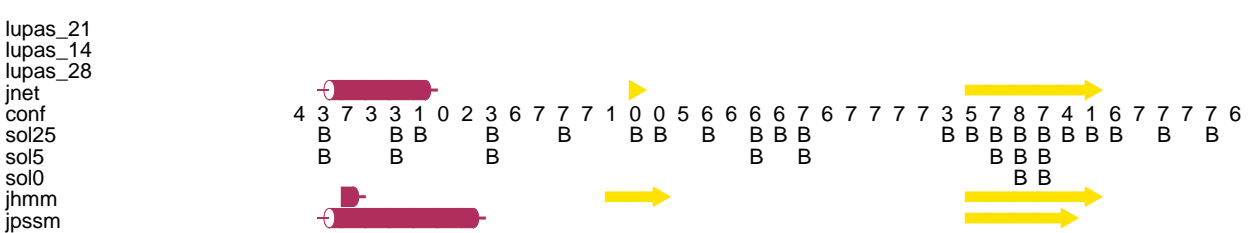
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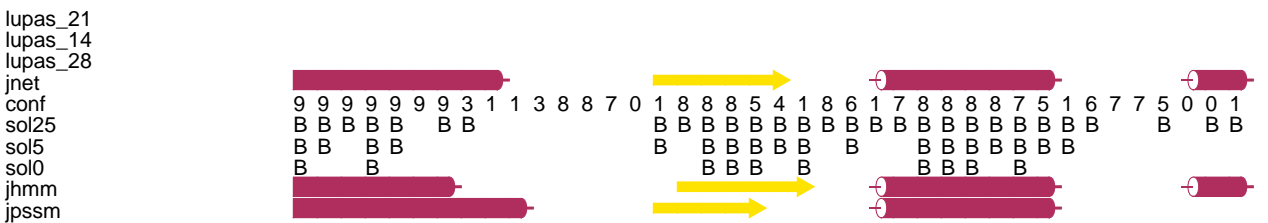
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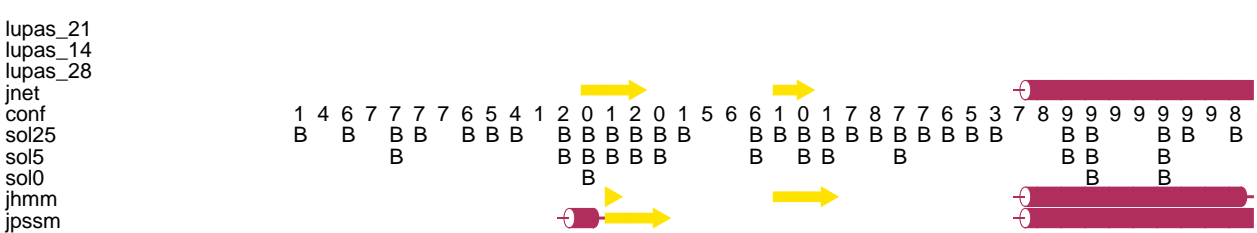
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