

QUERY	1	10	20	30	40
UniRef90_UPI000470DA09	L	V	L	A	R
UniRef90_UPI0003B55902	V	L	S	D	D
UniRef90_V6Q359	I	L	V	P	P
UniRef90_A9BHA9	I	L	V	P	P
UniRef90_UPI0003682446	I	L	V	P	P
UniRef90_UPI0003761185	I	L	V	P	P
UniRef90_P38526	I	L	V	P	P
UniRef90_B0TC52	V	L	P	D	P
UniRef90_R6W9V4	V	L	P	D	P
UniRef90_B8D0C0	V	N	D	P	P
UniRef90_C8X479	V	T	P	D	P
UniRef90_X0SWL1	I	L	V	P	P
UniRef90_V5T8C7	V	L	P	D	P
UniRef90_R7M7J2	V	L	P	D	P
UniRef90_G5JX49	V	L	P	D	P
UniRef90_R7NFZ6	V	L	P	D	P
UniRef90_B9KZZ1	I	L	P	D	P
UniRef90_D5BPX8	V	L	P	D	P
UniRef90_K1YTH4	I	L	P	D	P
UniRef90_D7CJM7	V	L	P	D	P
UniRef90_B9Y6B0	V	L	V	D	P
UniRef90_Q39Y10	I	L	P	D	P
UniRef90_UPI0003A5863B	V	L	P	D	P
UniRef90_G4KVR2	I	L	P	D	P
UniRef90_Q1D778	I	L	P	D	P
UniRef90_UPI0003691ADC	I	T	P	D	P
UniRef90_B8J3F6	V	L	P	D	P
UniRef90_C5C0J5	D	P	V	Y	G
UniRef90_D1CFC2	V	L	P	D	P
UniRef90_Q2JUX6	I	L	P	D	P
UniRef90_C0QQL9	I	S	D	P	D
UniRef90_I3CIM7	I	L	P	D	P
UniRef90_W0FHF8	V	L	P	D	P
UniRef90_F8EX19	V	T	P	D	P
UniRef90_R7EKU2	V	L	P	D	P
UniRef90_Q2RQV6	V	L	P	D	P
UniRef90_I8IX61	V	L	P	D	P
UniRef90_B8I5N6	V	L	P	D	P
UniRef90_UPI00046EF7F8	I	L	P	D	P
UniRef90_UPI0003B5FAE6	V	N	D	P	D
UniRef90_S2XRS6	V	V	N	D	P
UniRef90_W8U3B2	I	T	P	D	P
UniRef90_Q98N60	I	N	D	P	D
UniRef90_K9Z1U1	V	P	D	P	D
UniRef90_J9Z2A2	I	L	P	D	P
UniRef90_I3TNY6	V	L	P	D	P
UniRef90_S7UQG6	I	L	P	D	P
UniRef90_A5FZW8	V	L	P	D	P
UniRef90_H3NM52	V	L	P	D	P
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UniRef90_I2F387	V	L	P	D	P
UniRef90_W0GPI9	V	L	P	D	P
UniRef90_UPI00036D8D17	V	P	D	P	D
UniRef90_R4KBH5	I	M	P	D	P
UniRef90_X5MK68	V	T	P	D	P
UniRef90_R6G9Q3	L	L	P	D	P
UniRef90_V2QDT2	V	L	P	D	P
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UniRef90_R5FLD8	V	L	P	D	P
UniRef90_R5A0Z6	V	L	A	D	P
UniRef90_A6Q6I5	V	L	P	D	P
UniRef90_R5SQ878	I	L	P	D	P
UniRef90_U2DVJ0	V	L	P	D	P
UniRef90_UPI000372F60B	I	H	P	D	P
UniRef90_E4KMS9	V	L	P	D	P
UniRef90_E3DPX4	V	L	P	D	P
UniRef90_U4QVK3	V	A	P	D	P
UniRef90_H1XVH4	I	L	P	D	P
UniRef90_R6TLS2	V	L	P	D	P
UniRef90_D1PL84	V	L	A	D	P
UniRef90_R6ASV8	V	L	P	D	P
UniRef90_E3HZS0	I	L	P	D	P
UniRef90_F2I7R2	V	L	P	D	P
UniRef90_UPI00013AF35C	I	L	P	D	P
UniRef90_R6SR26	V	L	A	D	P
UniRef90_R5XT87	V	L	P	D	P
UniRef90_D3DHL3	V	M	P	D	P
UniRef90_R6TDJ4	V	L	P	D	P
UniRef90_Q3ZJ48	V	L	P	D	P
UniRef90_I0AI13	V	K	P	D	P
UniRef90_K8GIE1	V	P	D	P	D
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UniRef90_E2SG95	D	P	V	Y	G
UniRef90_A0L5W9	V	I	P	D	P
UniRef90_Q67JT9	V	Q	D	P	D
UniRef90_D3NS36	V	L	P	D	P
UniRef90_E0TKU1	V	L	A	D	P
UniRef90_A0A024KIR7	V	N	D	P	D
UniRef90_I0R261	D	P	V	Y	G
UniRef90_UPI0002897294	I	L	P	D	P
UniRef90_Q21M90	V	L	P	D	P

QUERY UniRef90_UPI000470DA09 UniRef90_UPI0003B55902 UniRef90_V6Q359 UniRef90_A9BHA9 UniRef90_UPI0003682446 UniRef90_UPI0003761185 UniRef90_P38526 UniRef90_B0TC52 UniRef90_R6W9V4 UniRef90_B8D0C0 UniRef90_C8X479 UniRef90_X0SWL1 UniRef90_V5T8C7 UniRef90_R7M7J2 UniRef90_G5JX49 UniRef90_R7NFZ6 UniRef90_B9KZZ1 UniRef90_D5BPX8 UniRef90_K1YTH4 UniRef90_D7CJM7 UniRef90_B9Y6B0 UniRef90_Q39Y10 UniRef90_UPI0003A5863B UniRef90_G4KVR2 UniRef90_Q1D778 UniRef90_UPI0003691ADC UniRef90_B8J3F6 UniRef90_C5C0J5 UniRef90_D1CFC2 UniRef90_Q2JUX6 UniRef90_C0QQL9 UniRef90_I3CIM7 UniRef90_W0FHF8 UniRef90_F8EX19 UniRef90_R7EKU2 UniRef90_Q2RQV6 UniRef90_I8IX61 UniRef90_B8I5N6 UniRef90_UPI00046EF7F8 UniRef90_UPI0003B5FAE6 UniRef90_S2XRS6 UniRef90_W8U3B2 UniRef90_Q98N60 UniRef90_K9Z1U1 UniRef90_J9Z2A2 UniRef90_I3TNY6 UniRef90_S7UQG6 UniRef90_A5FZW8 UniRef90_H3NM52 UniRef90_UPI0002D29DD6 UniRef90_I2F387 UniRef90_W0GPI9 UniRef90_UPI00036D8D17 UniRef90_R4KBH5 UniRef90_X5MK68 UniRef90_R6G9Q3 UniRef90_V2QDT2 UniRef90_R7K5Q9 UniRef90_R5FLD8 UniRef90_R5A0Z6 UniRef90_A6Q6I5 UniRef90_R5Q878 UniRef90_U2DVJ0 UniRef90_UPI000372F60B UniRef90_E4KMS9 UniRef90_E3DPX4 UniRef90_U4QVK3 UniRef90_H1XVH4 UniRef90_R6TSL2 UniRef90_D1PL84 UniRef90_R6ASV8 UniRef90_E3HZS0 UniRef90_F2I7R2 UniRef90_UPI00013AF35C UniRef90_R6SR26 UniRef90_R5XT87 UniRef90_D3DHL3 UniRef90_R6TDJ4 UniRef90_Q3ZJ48 UniRef90_I0AI13 UniRef90_K8GIE1 UniRef90_Q0ABH9 UniRef90_E2SG95 UniRef90_A0L5W9 UniRef90_Q67JT9 UniRef90_D3NS36 UniRef90_E0TKU1 UniRef90_A0A024KIR7 UniRef90_I0R261 UniRef90_UPI0002897294 UniRef90_Q21M90

E Q K T G Q E P L K V F K Q A V E N N V K M P V L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
Q K T G R D P M E V V F E Q Q A L V E N N V K M P V L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E S T G E N D P L E V V Y V Q Q A L V E N N V K M P V L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E A T K E N D P I E A F H K A I L D N N V K M P V L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E K T G E D A I E R A F E D T A I L K N N V K M P V L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
A K T G K D P L E I E V F R R Q A L V E N N V K M P V L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E K T K K D P L E I E V F R R Q A L V E N N V K M P V L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E K T N K D P M E V L L E A L V E N N V K M P V L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
T K T N E D P L E Q F R E K A L V E N N V K M P V L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E R T G E N D P L E L V F K K A L V E N N V K M P V L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E R T S E E D P L S K A F E Q Q A L V E N N V K M P V L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E K T K E D P L S L F F Q K A L V E N N V K M P V L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
D K T G N D P V D V L F D E A M K N N V K M P V L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
T K T T E D P M E V F E E A M E N N I K M P V L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
K T T E N D A L E V V F E K A L V E N N V K M P V L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E K T D K D P M E I F N Q A L V E N N V S P A L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
Q R S G N E H P L V E V F Q R A I L H E N A S R P L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
S K S G N E P L V K V F H D K A L V E N N V K M P V L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E R I K E P P V D V F E E K A I L T N N V K M P V I E V E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
K K T G K P A L E V F E E Q A L S N I M P V L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
A K T G R Q P M E V V F E E Q A L S N I M P V L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
Q K T G E E A V K V L K K A L D N N I K P P T L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
A K G H E D P M E V L L E T A L E N N V K M P V V V E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E K T E K D P M E V V F A Q A M E N N I M P P S L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E R A K E D P L K T F K K A L D N N V K M P V L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E K A G K E P V M E V F E T E K A L D N N V K M P V L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E K T G E D P M R A F E K A L D N N V K M P H M L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
D K T Q G D P A T V L K R A I L D N V R P S L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E R T N R D P M E V F E E A L R R N A T P L V L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
Q R T G Q D P L P V L E N A V R R N A T P L V L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E K T G D D P L T A L H K A I E N N I T K P V L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E K N K G P L E I F K A L D N N V R A P Q V L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E K T G K A A T D V F Q E K A L D N N V A P Q V L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
A K T E K E P L E V V F T K A L E N N V K M P V V E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
A K T G K N D P V K V F H D A A L D N N V K M P S S L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
S K T G Q D P V K V F H D A A L D N N V K M P S S L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E R T N T E P M E V V F E E Q A L K N I M P V L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E K T G R D P L E I E V F E E A M A N I M P P V L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
N R T K E S P L E V V F V R A L E N N I M P P D V V E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
K A S S E D P L K A F E K A L E N N A K P H V E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E K T G T D P L K A F E K A L E N N I M P P A L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E K T G E E P V I E V F E K A M N N I M P P V L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
S K T K Q E P V T V F H Q A I L D N N V A P H V E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E R T G A E D P M E T F E K A I K N N L T P L S V E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
Q N Q S E P L D Y F E K A I S I N N V K P S S V E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
Q K T R Q E G L R V F H E A L E N N V R K P A V E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E K T G D D P L K A F E K A A V D N N V K P F V E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
K R Q N A D P V R L F H E A L D N N V K P A I E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E T T G E E A L E V F Q K A M N N I M P L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
U P I 0 0 0 2 D 2 9 D D 6 D R M K A A P L E V F R Q A L S N V S P A I E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
U P I 0 0 0 3 6 D 8 D 1 7 D R T K Q P M E A F K K A L S N V K P L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E K T N A D P L E T F N K A L E N N I T P H L L E L K V R R R I G G G A T N Y Q V P P M V E V V
E R T G N D P L E T F E E Q A L R N I T P L V E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E K T G K D P S E V F E E Q A M K N V M P V L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
D K T S Q D P V Q M F H D A L T N N V M P A V E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E K T D Q E P V A V F K R A L D N N I R P S S L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E R G S E E G L V L K K A I E N N V K P V L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E K M N L D P M E V F N Q A I N N I M P V L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
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E K T N K D P L E V L N Q A F E N I K P A L L E L K A R R V G G G S N Y Q V P P M V E V V
S K T G E K G I E V F N K A M D N I K P V M E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E K T G Q S A I E V F N N A I L N N V R P L V E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E K S N T N P I E V V F E S A L E N N I M P V L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
S K V K Q S P V A V F H Q A L E N I S P A L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
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E Q T G E D G L T V V T E A L E N I K P A L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
A K T G G D S L K L F K K A L D N N V K P A M E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
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E K S G K G A P L E A F T A A L D N N I M P V L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E K T G N D P L E M F E K A M E N N I M P N L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E Q T K A R D P M E T F N K A M E N I S P S L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
Q K A K A D G I E M F H E A L E N N V K P A I E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E E T G N D A M E V Y Q E A L E N N I S P V L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
S K G N A E P L E T F K K A L D N N I G P Q V E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
T K T G S D A L E V F K A M E N N I T P E V E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E K E Q K D A L E V F E A A L N N V M P V L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
R E A K M T P T E L V H K V I E N Q L K P E Y E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
K A T G R D P L E V Y K Q A L E N L M P Q L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E K T E Q D P I Q I L E E A V R N N I K P L V E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E K S K S D P L E V V F K K A I S N V A P V I E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
Q R T G S D P L G V F E Q A V K N A T P L V L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
S K G H E T P M E V L L E T A L E N N V Q P K V E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E K S G T D P V I T L K R A L D N N V K P S L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
Q R T K E D P T K V F K E A V D N N V R P T L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
A K L G K E P M E V L E G A L K N I M P V V E E T R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E K T K N D P V V Q V F H D A L A N N V K P H L E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E K T N K D A L E V V F H E A I K N I T P E L L E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
S K T K Q D P I T V F H T A L D N N V R P A V E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
V K T G D D P V V L L K K A L D N N V R P T S V E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E R S E M S S L E L F K A A I E N N V M P S V E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V
E K L N K D P L E T F S E A L E N N S P L V E E V R R S P R R R R V V G G G A T N Y Q V P P M V E V V

QUERY		130	140
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UniRef90_A9BHA9	GP	SVKKKEDD	VH RMAEA H Y R W
UniRef90_UPI0003682446	GGGA	VKKKEDD	TH RMAEA H F R W
UniRef90_UPI0003761185	GA	AVKKKREED	TH RMAEA H Y R W
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UniRef90_B9Y6B0	GA	SVKKKEDD	TH RMAEA H Y R W
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UniRef90_K2GQV7	G S A V	K K R E D T H	K M A D A H Y R W
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UniRef90_K1Z9X3	G G A M	K K R E E T H	K M A E A H Y R W
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UniRef90_UPI00037360E0	G A A V	K R R E D T H	K M A E A H Y R W
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UniRef90_R5QWF2	G S A V	K K R E D T H	K M A E A N K A F
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UniRef90_K1XGR5	K	E	L	Q
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UniRef90_X1KBE3	Q	R	L	G
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UniRef90_K4GBV5	R	K	Q	E
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UniRef90_Q0SNC1	K	L	E	D
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UniRef90_H2F684	Q	K	T	K
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UniRef90_Q85FT8	E	R	N	Q
UniRef90_B7PUX5	K	M	Q	E
UniRef90_F7FCF7	R	K	Q	F
UniRef90_B6YQ88	A	K	L	S
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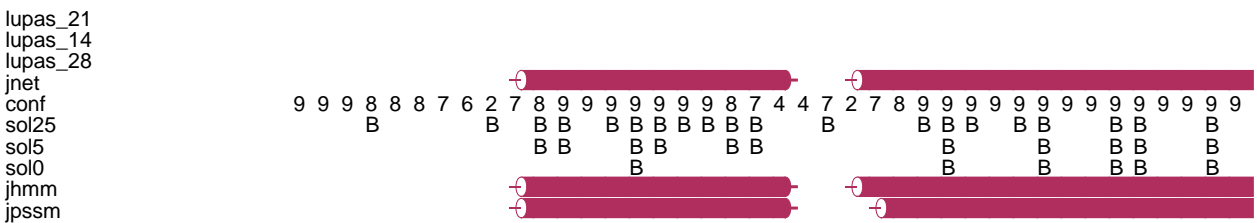
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X
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M Q R R R R R T A I Q W I L A G A E N R R E T R L A E R V S K E L I A V A E G R
S S S V A T H T A V K F I L D A A S D R K P D Q R I W I S L V A N E F M T A S Q N Q
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S E T Q Q A R K A L W I V K H S E R R P G K K F G E R L A M E V I A V L N G N
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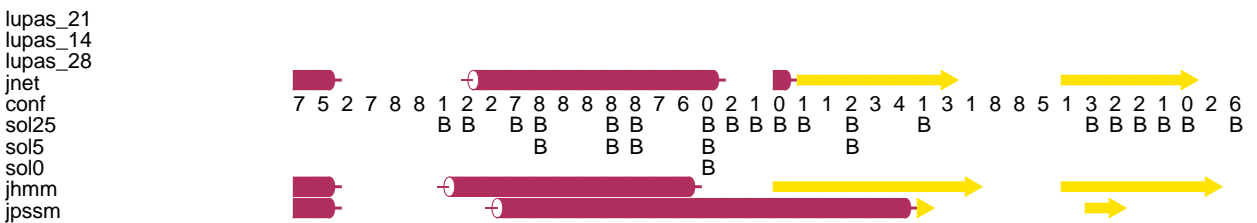


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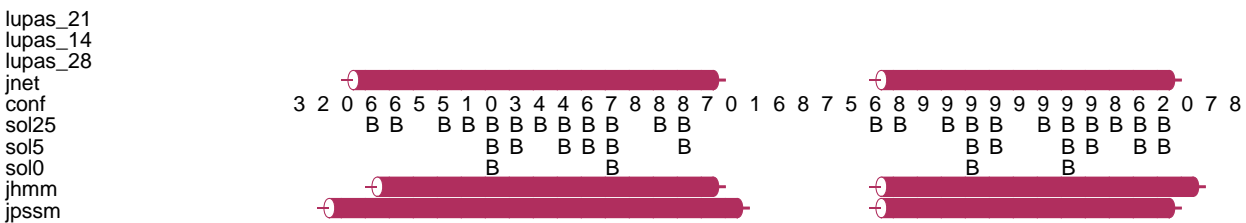
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