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QUERY V L P Y T S D D D V L A R K L E E L G V H A V M P G A S P I 150 S S G Q G L L Q N T P Y
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A V A Y S E D P I K M S R A M K L A V E A G R L G Y E A K R M P A K L T A T A S S
A I A K A Q D D P I L M A N A F K L A V E S G R A A F N A G L M L R R Q T A S P S S
A I A A A R N D P I A M A T A F K L A V E S G R L A Y E N G L A S V I N T Q A V S S
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A I A R A K N D P V L M A E A F R W G V T A G R Q A F L L A G R I P P Q R A S A S S
A I A V A A D P V A M A G A F R M A V E A G R T A F E A Q L L A P E R A G A S A T
A I A V S A D P E R M A V A F K M A V E A G R M A F K A R L A P I R S H A A S S
A V A K A Q Q P V L M A K A F A K A I R A G R D A Y H A G L M Q K R Q T A S A S S
A M A V A N D P V L M S E A F A N A V I R A G R Q A Y L L A G L A G O Q V N H A V A S S
A T A S A G D P V E M A K A F K M A T E A G R M A Y L L A G L G A K A S N A Q A T
A L A V A G D P V A M A Q A F R M A V T E A G R M A Y E S G L G A V S N Q A S A S S
A M A V A G D T K A M G K A F G M A V T E A G R M A H L A K L A P V S N A H A S S
A T A V A G N D P V E M A L A F K A A T E A G R R A Y E A G L G L Q A D T A E A S S
G I A G A D D P V L M A E A M K N A V T J A G R Q A Y L L A G R I P K K L Y A T A S S
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F A V R R R N L Y D K E L N L S K Y I T F P N T A A G A H T A A E A V R T L E R L A
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V A M R R R D A V L D L L R R L G V I E V L P N T A G C C R S A A E E A V L T A R L A
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V A L K R R V E I I S R I V R H P E I T L L P N T S G V R S A K E E A I L A A R L A
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V G L K R R V G M I R Q T L R E R G A R L L P N T A G C C R T A A R D E A V I T L A E M A
V A M R Y H H A I F E L L K R L N I D L L P N T A G C C Y T A R D A V V R T L Q L A
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M A L R R R V D W K N S Q E N P E G I L L P N T S G A R T A E E A V I R J A R L A
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V A L R R R H A D I Y G M L Q R H N I N V L P N T A G C C K T A H D A V L T A K M A
V S I R R R T P C F W S L L Q E T G V P V L P N T A G C C Q S V Q E E A V T T A Q M A
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UniRef90_B1Y516	R E L Y D T A W L	K L E E V V I G D E H T	L L Q P D D P W E L L V	E A A V L V R R E G G F E
UniRef90_M1UG03	R E A L L G T N W V	K V E E V I A D D S H T	L L P P D D T T E L L	A C E L V V D D D G G F K
UniRef90_A91146	R E L L G H D L V	K L E E V I I G D D S H T	L L F P N M P E T L V	L Q A A T K T L V A D K G G F K
UniRef90_E8REJ7	R E A G C G D F I	K L E E V I T D M K Y Y	L M P D D N W E T L	K A T E T L L A K E G G F I
UniRef90_V2GSW2	R E V F E T N W I	K L E E L V I G D D P K Y T	L L Q P D D T T E L L	P A V I A E Y L I K E K N F T
UniRef90_Q4G387	R E I L E N N F T	K L E E V I P D P K Y Y	L L P P D D G L E T L L	A A E Y L L A A E Y L I K E K N F T
UniRef90_W9HBP0	R E A L R T N W I	K L E E V I I G D D R E T Y	L L H P D D V T E L L	K A T E E E L V A D D G G F T
UniRef90_UPI00035DE64C	R E A L L E T N L I	K L E E V I A D D E D T	L L P P D D P V E L L V	A A A A E Q L V M D D G G F T
UniRef90_Q0BQP4	R E A G G W N L V	K L E E V I I G P P H	L L Y P D D M A A T M E	A A A A A L I E D D G G F E
UniRef90_I4D6K9	K A A G C G H W I	K L E E V I I Q D D Q R Y	L L P P D D N Q E T L	I A T E Q L V K E G G F V
UniRef90_Q8UCD2	R E V L R T D W I	K L E E V I I G D D H H	L L Q P D D V F A L V	A A A K I C D E D G G F E
UniRef90_Q7US84	R E I L F G S D W V	K L E E V I I G D D S K T	L L P P D D P V E T V A	A A C E Q L L A A D G G F S
UniRef90_W8TGT4	R A M G C G D W V	K L E E V I I S D D N K Y T	L L P P D D N E E T L	K A T D I L L A N E G G F K
UniRef90_V8G883	R E V F G T H W I	K L E E V V I G D D D Y T	L L Q P D D P I E T L V	E A T A T K E L I S K D G G F E
UniRef90_V4RGK1	R E V F G T P W V	K L E E V V I A D D H T	L L Q P D D V F G L V	E A A R E L V S Q G G F E
UniRef90_S3X9I2	K E L N V S K F I	K L E E V I I D D S K Y Y	L L F P N D N Y E T L	K A T E T L L A K E G G F I
UniRef90_F8IJF3	R A A G L S N W V	K L E E V I P D D G G T	L L P P D D P I A T V	A A A E L V V K D G G F V
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UniRef90_M1WR30	R A M G C G D W I	K L E E V I I S D D N K Y S	L L Q P D D G Y E T A	K A T E L L A K E G G F I
UniRef90_D3HQV0	R E L F Q T P W I	K L E E V I I G D D N K Y S	L L Q P D D F E E T V	A A A A E L V K R G G F E
UniRef90_R6G258	K A M G C G N W I	K L E E V I I S D D S K Y	L L P P D D N E E T I	K A T K I L L A D E G G F V
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UniRef90_UPI0004798839	R E V F G T S W I	K L E E V I I G N H D T	L L Q P D D V F G L V	E A A C I L C E D G G F T
UniRef90_Q1YFH6	R E I F G T D W V	K L E E V V I R D A E T	L L Q P D D V F G L V	E A A R T L T G E D G G F K
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UniRef90_W6S0Y1	K A M G C G N W I	K L E E V I I N S D S R Y	L L P P D D N F E T L	K A T E I L L A K E G G F V
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UniRef90_E3D8E5	R E S L G T D W I	K L E E V I I A D D D D T	L L P P D T R E V L L	A A E K L V E E G G F S
UniRef90_D1ECJ3	R E V F E T D W I	K L E E L I G D D D T	L L Q P D D V F Q L V	E A A E T L I V K E G G F K
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UniRef90_D5X0K5	R E I F G T H W I	K L E E V I I G D D Y T	L L Q P D D P W G T V	A A A Q T L V R E G G F A
UniRef90_A4J0M0	R A A G C G D W V	K L E E V I I S D D N R Y	L L P P D D N Y E T I	R A T E V L T A E G G F Q
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UniRef90_H2CC75	R E M G G G N W V	K L E E V I T P D L Y	L L P P D P G E T L V	K A T Q L L V K E G G F V
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UniRef90_L0EAL9	R A A G L G D W V	K V E E I S A D P R T	L L P P D P V E T L	K A T A M L A A E G G F T
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UniRef90_M6ZY63	R E A L L E T D W V	K L E E V V I A D E K T	L L P P D P V E L L	D G A R R L V D D G G F V
UniRef90_O34293	R D V F R T D W I	K L E E V I I G H H D T	L L Q P D D V F G L V	E A A R L S G E G G F Q
UniRef90_F8JD89	R E L F R D T N W I	K L E E V I I A N D D T	L L Q P D D V F G L V	E A A G V L T R D G G F K
UniRef90_W7UXL8	R E L L G C G D F V	K I E E I M R D T K Y	L L P P D N Q E T I	R A T E I L A K E G G F V

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UniRef90_UPI0003902326 V L P Y T S D D P L L C R R L A E A G A A A V M P G G A P I G S T G L L G I L N P Y
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UniRef90_U3TVM2 V F P Y T T E D D L V V G E K L L A A G C E L L M P W G A P I G S S N Q Q G L L R N I D
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	170	180	190	200
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UniRef90_C6ACH5	NGLRSTIRAYRPD	LVI VDDAGL	GLPSHAAQALMEL	GYDDAVLLNT
UniRef90_U1K7T0	NLQNTI RAYRPH	LVI VDDAGL	GLPSHAAQALMEL	GYDDAVLLNT
UniRef90_UPI00037D45AE	LLEITIJESQSRVQ	VIVVDDAGL	GLPSHAAALMEL	MGADAVLLNT
UniRef90_E4TXA5	NIVFVREARVQK	VIVVDDAGL	GLPSHAAALMEL	MGADAVLLNT
UniRef90_UPI00036FCAC9	ALVRTLRARVPD	VIVVDDAGL	GLPSHAAALMEL	MGADAVLLNT
UniRef90_F0LQK0	FLEITIDQANVP	VIVVDDAGL	GLPSDAALAME	MGADAVLLNT
UniRef90_UPI0003FE5397	MIQVILNDRP	VIVVDDAGL	GLPSQAAEAEME	MGFDGVLVNT
UniRef90_K4KRQ9	ALKTLRDRPDT	VLIVDDAGL	GLPSDAVLAEME	MGASAVLLNT
UniRef90_R4KE75	MIRTLTEELIDLP	VIVVDDAGL	GLPSDAVLAEME	MGASAVLLNT
UniRef90_V4YIT1	ALRTLREELIDLP	VIVVDDAGL	GLPSDAVLAEME	MGASAVLLNT
UniRef90_F0SGJ8	NIRTLRELEYPDY	VIVVDDAGL	GLPSDAVLAEME	MGASAVLLNT
UniRef90_UPI0003B3B588	NIALILVIEQASGV	VIVVDDAGL	GLPSDVSQAME	MGADAVLLNT
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UniRef90_W4TCW7	FLEITISQSNVP	VIVVDDAGL	GLPSDAAKAME	MGADAVLLNT
UniRef90_W8WU41	NLRLRILIDQARVP	VIVVDDAGL	GLPSDAALAME	MGADAVLLNT
UniRef90_U1EP36	NLYIIEIKVTV	VIVVDDAGL	GLPSAKDAHAME	MGADAVLLNT
UniRef90_D5BCJ0	FLEITIEQSNVP	VIVVDDAGL	GLPSHAAFAEME	MGADAVLLNT
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UniRef90_F4D0S0	NIAMIVQAGV	VIVVDDAGL	GLPSDAEAQAME	MGADAVLLNT
UniRef90_U7KI25	NIEIIVCSRTHV	VIVVDDAGL	GLPSDAALAME	MGADGVLVNT
UniRef90_W7QHB1	FLRKRIIEEQANVP	VIVVDDAGL	GLPSHAAAYAME	MGADAVLLNT
UniRef90_P58262	MLRIILIEQSNVP	VIVVDDAGL	GLPSDAAMAME	MGADAVLLNT
UniRef90_B2RH32	MIRIILIEQSNVP	VIVVDDAGL	GLPSQAAEAEME	MGADAVLLNT
UniRef90_UPI0003B39155	NIEELIIEQRAEVP	VIVVDDAGL	GLPSDVAQAME	MGADAVLLNT
UniRef90_F0SYB6	LVRLLIEEIDLP	VIVVDDAGL	GLPSQAAEAEME	MGADAVLLNT
UniRef90_B1Y5I6	ALRTRL RARPEI	DLVDDAGL	GLPSHAAQALMEL	MGYDGVLLNT
UniRef90_M1UG03	NIEELITDQARVP	VIVVDDAGL	GLPSDAALAME	MGADGVLVNT
UniRef90_A9I146	NLRLRILIDQARVP	VIVVDDAGL	GLPSDAALAME	MGADAVLLNT
UniRef90_E8REJ7	LIEELLIDNCV	VIVVDDAGL	GLPSQAAEAEME	MGADAVLLNT
UniRef90_V2GSW2	AMQVILRDRPDT	VLIVDDAGL	GLPSHAAQALMEL	MGYDGVLLNT
UniRef90_Q4G387	NIEIIVIEENANVP	VIVVDDAGL	GLPSQAAQAME	MGADGVLVNT
UniRef90_W9HBP0	AIEELIIECARSTVP	VIVVDDAGL	GLPSDATLAME	MGADGVLVNT
UniRef90_UPI00035DE64C	NIEELIIVDRANVP	VIVVDDAGL	GLPSDAEAQAME	MGADGVLVNT
UniRef90_Q0BQP4	LISLRIIEEQAKVP	VIVVDDAGL	GLPSDAEAQAME	MGADAVLLNT
UniRef90_I4D6K9	LIRLLIEEISVVP	VIVVDDAGL	GLPSEAAEAEME	MGADAVLLNT
UniRef90_Q8UCD2	ALKSMRAPEV	VLIVDDAGL	GLPSEAVTVMEL	MGYDGVLLNT
UniRef90_Q7US84	NLQITLIEEYLDY	VIVVDDAGL	GLPSDVSVAEME	MGADGVLVNT
UniRef90_W8TGT4	LIGIILIEEIKLP	VIVVDDAGL	GLPSHAAEAEME	MGADAVLLNT
UniRef90_V8G883	ALRLLRSLPEAF	LVVDDAGL	GLPSKDAVTAME	MGYDGVLLNT
UniRef90_V4RGK1	ALKTLRSLRPEL	LVVDDAGL	GLPSHAAHAME	MGYDGVLLNT
UniRef90_S3X9I2	MIKLTLNEIKTP	VIVVDDAGL	GLPSQAACEAME	MGDGVLLNT
UniRef90_F8IJF3	RISRLVDRGRVVP	VIVVDDAGL	GLPSDAALAME	MGADAVLLNT
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UniRef90_A4BCN6	RLLRTRLRERP	DVTLIVDDAGL	GLPSHVTTEAME	MGADAVLLNT
UniRef90_M1WR30	MVRLRLRDEINVP	VIVVDDAGL	GLPSEAAEAEME	MGADAVLLNT
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UniRef90_R6G258	LIEIMIQEELDIP	VIVVDDAGL	GLPSQAMEAME	MGADAVLLNT
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UniRef90_O19915	NIRTLVIEASNKVP	VIVVDDAGL	GLPSVATQVME	MGADAVLLNT
UniRef90_UPI0004798839	ALRSMRHF	PDPVTLIVDDAGL	GLPSEHAAATVME	MGFDAVLLNT
UniRef90_Q1YFH6	NLRLRSLRHFP	PEVTLVDDAGL	GLPSEHAAEAEME	MGYDGVLLNT
UniRef90_UPI000417H7Z6	NLRLRSLRQFP	PEVTLVDDAGL	GLPSEHAAEAEME	MGFDGVLVNT
UniRef90_J2VDK3	ALRSIRRHFP	PGVPIVDDAGL	GLPSEHAAAVME	MGFDAVLLNT
UniRef90_R6UJ85	FIRLITDEIDLP	VIVVDDAGL	GLPSEQAACEAME	MGADAVLLNT
UniRef90_K9I7J8	LIQILIDELIKLP	VIVVDDAGL	GLPSEQAACEAME	MGADAVLLNT
UniRef90_K0CME7	FLQIILVIEQASLP	VIVVDDAGL	GLPSEAAEAEME	MGADAVLLNT
UniRef90_W6S0Y1	LIEIMIQEELDIP	VIVVDDAGL	GLPSEQAACEAME	MGADAVLLNT
UniRef90_T0MXP7	LVIQIILIDELIKLP	VIVVDDAGL	GLPSEQAACEAME	MGADAVLLNT
UniRef90_UPI00037FE395	QLLEIIVIEQAGVVP	VIVVDDAGL	GLPSHAAEAEME	MGADAVLLNT
UniRef90_Q12H15	NLEMMRRR	PDVLLVDDAGL	GLPSEHAAQVME	MGFDGVLVNT
UniRef90_T1D638	NLGIILIEEIQKVP	VIVVDDAGL	GLPSDAALAME	MGADGVLVNT
UniRef90_E3D8E5	NIEIIVQESKVP	VIVVDDAGL	GLPSDVKAF	MGFDGVLVNT
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UniRef90_UPI00037D0745	NLEILIMDRVKVP	VIVVDDAGL	GLPSDAALAME	MGADGVLVNT
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UniRef90_D5X0K5	ALRTRLRERP	DSVLLVDDAGL	GLPSHAAQVME	MGYDGVLLNT
UniRef90_A4J0M0	LVRLLTIEEISLVP	VIVVDDAGL	GLPSEAAEAEME	MGADAVLLNT
UniRef90_B1CBK6	FIRVLLINEISLVP	VIVVDDAGL	GLPSEAAEAEME	MGADAVLLNT
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UniRef90_D5T247	LIEQLILNIEIDLVP	VIVVDDAGL	GLPSQAAEAEME	MGADAVLLNT
UniRef90_D8JTP4	GLRTRLRHFP	DVPIVDDAGL	GLPSHAAQALMEL	MGADGVLVNT
UniRef90_H2CC75	SLRITIEQARVP	VIVVDDAGL	GLPSHAAQALMEL	MGADAVLLNT
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UniRef90_F1YQG7	GLRAMRAHF	PVPLVDDAGL	GLPSHAAQALMEL	MGYDGVLLNT
UniRef90_N1HPC9	MLEITIQQSTVP	VIVVDDAGL	GLPSHATQAME	MGADAVLLNT
UniRef90_U3TVM2	GLRAMRWFS	DTPLIVDDAGL	GLPSQAQAAME	MGFDGVLVNT
UniRef90_B5YA94	LKALITDIEISLVP	VIVVDDAGL	GLPSHASKAME	MGADAVLLNT
UniRef90_L0EAL9	NLRLIAEIANVP	VIVVDDAGL	GLPSAADAQAME	MGASAVLLNT
UniRef90_I1AXU9	ALRAMRAHF	PVALLVDDAGL	GLPSQAALAME	MGYDGVLLNT
UniRef90_M5DTH7	QLQNLRRQRP	DAVLLIVDDAGL	GLPSQAMEAME	MGFDGVLVNT
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UniRef90_D1BRZ7	NIEAITASRV	VIVVDDAGL	GLPSDAVAEME	MGADAVLLNT
UniRef90_M6ZY63	NIEMLVIAA	QVPLIIVDDAGL	GLPSDAALAME	MGADAVLLNT
UniRef90_O34293	ALRAFRRHF	PDVTLIVDDAGL	GLPSEHAAAVME	MGYDGVLLNT
UniRef90_F8JD89	ALKSLRAF	PDVTLIVDDAGL	GLPSHAAALAME	MGYDGVLLNT
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	130	140	150	160
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UniRef90_K7RJF8	V F A Y T N D D P V L A R R L E D L G V V A V M P G G S P I G T G L G L I L N P H			
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UniRef90_E3DMB3		I K R L T T L D S E E L M T A A K D M Q A P F A L V E Y A		
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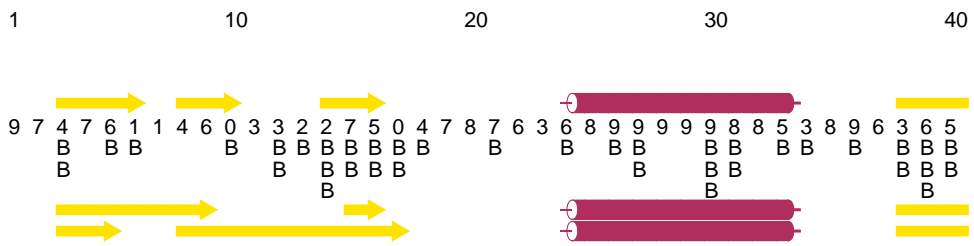
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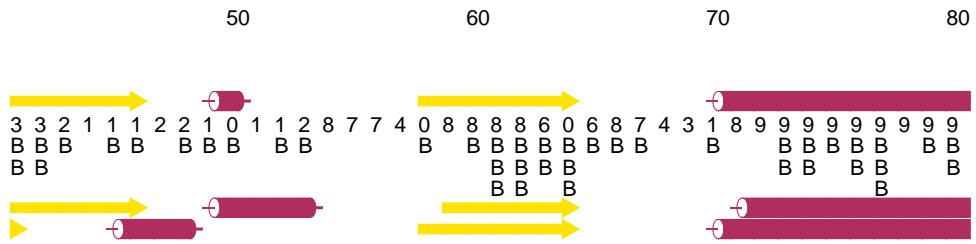
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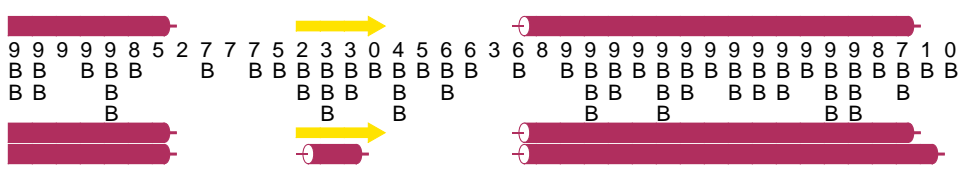


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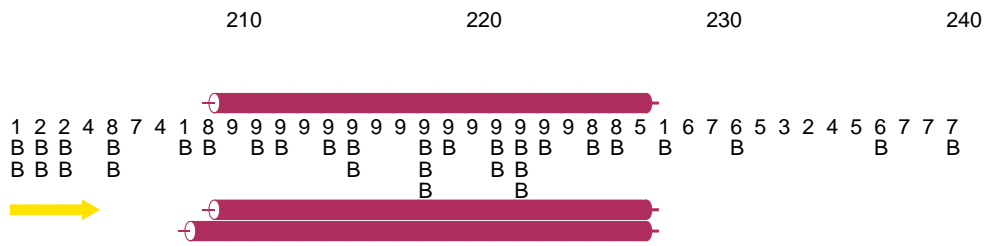


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