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

QUERY	90	100	110	120
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UniRef90_V9KBS6	P	V	D	P
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UniRef90_X1WC51	P	V	D	P
UniRef90_S4RA77	A	V	Q	P
UniRef90_F6QM48	P	A	E	R
UniRef90_H2NZP4	R	V	A	A
UniRef90_GORA82	G	L	A	D
UniRef90_UPI000440CEA3	G	L	A	D
UniRef90_N4V9B3	N	L	P	S
UniRef90_M1W409	N	L	P	S
UniRef90_V4A112	E	I	D	P
UniRef90_A8N1G9	P	P	S	T
UniRef90_Q4SW01	T	V	D	P
UniRef90_B7P9Z2	P	V	D	P
UniRef90_T5AJA9	N	L	P	S
UniRef90_G4UU41	S	M	P	T
UniRef90_V5IA26	P	V	E	P
UniRef90_M2RSZ9	A	P	S	M
UniRef90_N4X8Y9	P	D	T	T
UniRef90_G2WWJ8	G	M	P	S
UniRef90_W4KNB8	P	P	T	T
UniRef90_X8IUT5	P	P	T	T
UniRef90_L7LVY6	P	V	E	K
UniRef90_A0A023F5Q8	P	V	E	P
UniRef90_V2Y4U1	P	P	N	A
UniRef90_D8PQ62	P	P	S	T
UniRef90_M2ZCQ3	P	P	E	T
UniRef90_G1X303	P	P	D	D
UniRef90_L8G5A0	G	L	P	D
UniRef90_K5WAG9	P	P	S	T
UniRef90_G3JEM0	D	L	P	S
UniRef90_U4L0C1	P	P	D	P
UniRef90_A0A023GNV2	P	V	E	K
UniRef90_B6QG11	N	L	P	S
UniRef90_UPI00021A5D53	P	V	P	Q
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UniRef90_M3CD96	N	L	P	S
UniRef90_E9GKM8	P	V	D	V
UniRef90_C5P3V4	P	E	P	D
UniRef90_M7TFT7	A	L	P	P
UniRef90_UPI00044074E7	P	P	S	A
UniRef90_T11ZY9	P	A	D	T
UniRef90_K5XDE4	I	A	P	S
UniRef90_E9IW16	P	V	D	P
UniRef90_G4N1S9	G	L	P	D
UniRef90_C3Z1G4	P	V	D	N
UniRef90_K1QAB1	P	V	G	T
UniRef90_UPI000455EFBD	P	S	S	T
UniRef90_F9X5G1	T	L	P	D
UniRef90_R7UKL9	P	V	D	P
UniRef90_G0RY58	G	M	P	P
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UniRef90_P91926	V	V	E	P
UniRef90_T1EET6	A	L	D	D
UniRef90_B7PEY0	P	V	E	P
UniRef90_S7QMM1	P	P	T	M
UniRef90_C5GWW5	P	D	P	D
UniRef90_H9J7H4	P	M	E	P
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UniRef90_B6H3D3	P	V	E	P
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UniRef90_E5SFW5	P	V	S	A
UniRef90_E0VDJ9	P	V	E	P
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UniRef90_G7E569	P	A	S	V
UniRef90_G4TW42	P	S	N	T
UniRef90_Q5KEF7	P	V	E	G
UniRef90_UPI000388B512	A	V	E	P
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UniRef90_F8NEQ2	P	P	S	T
UniRef90_F7ABF6	E	A	P	T
UniRef90_Q7QG73	A	V	E	P
UniRef90_R9PFM9	A	T	N	S
UniRef90_V8NUK3	P	V	D	P
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UniRef90_UPI0002657707	P	V	D	S
UniRef90_A9U4D0	P	V	P	D
UniRef90_U5H166	V	P	S	H
UniRef90_A0A017S8Z9	P	I	E	P
UniRef90_F2UJZ7	P	D	A	T
UniRef90_D3BUF5	S	T	A	P
UniRef90_U6I1F4	P	A	P	S
UniRef90_L8YCA9	P	V	D	P
UniRef90_W2RRD1	A	D	N	N

QUERY Q N V S V K L P I T L N K
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1 10 20 30 40

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

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UniRef90_A0DQC0		F R Q S C L L K K T I L H S D E N L	Q I G L Q T S L Q		
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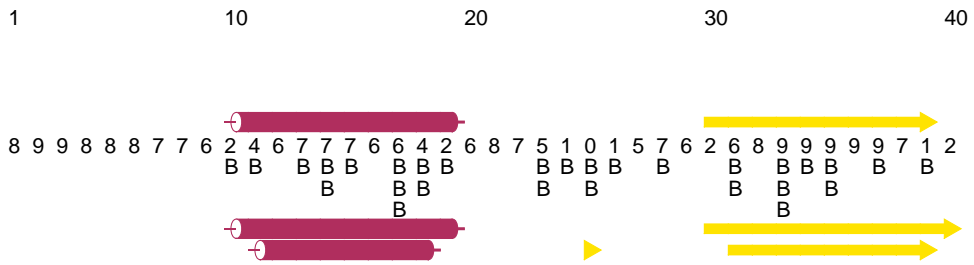
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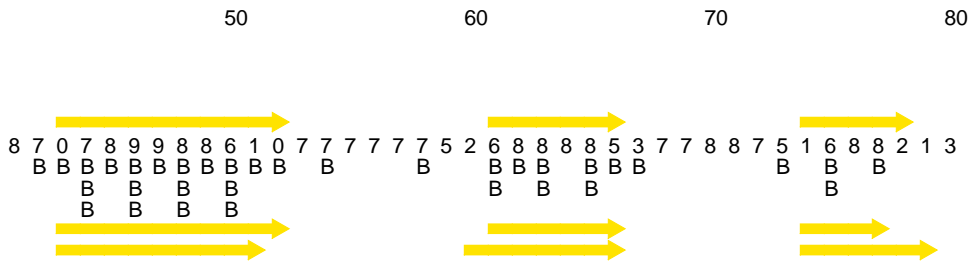
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