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130 140 150 160

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V T P D E L N H K T L L G S T L F N R N I S E L I E A F G V E F F I T F F V L V F T
L T P G G Q Y R G N L G T I N S L S P G V T S Q L Q A V G I E M A V T T F Q L V L C
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U n i R e f 9 0 _ A 8 C E 5 0
U n i R e f 9 0 _ E 2 C 5 P 1
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U n i R e f 9 0 _ R 1 E M X 4
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170 180 190 200

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UniRef90_C3Y280 F R A A L A E L L G T F L L V T M G N G S V A Q V V L S R E D K G T F L
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UniRef90_A0A034V1P0
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UniRef90_K7V3Y8
UniRef90_I2FZS5
UniRef90_M7SUH6 M Q A H F V A A T G E F V G T F M F L F F A Y A T Q L M V L D Q T S S V A H N G D
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UniRef90_V4AIJ5 L A F G L A A A T L V Q G Q Y L S I N L G F S L G V T F G V F V S R G V S G A H
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UniRef90_UPI00046BBE40 T T G S A T G F N P A T L L Y I A L S F G F S L M V N A W I F F R I S G G L
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UniRef90_W9MBF5 T A N L L Y I L S L S F A F S L M I N V W A F F R I S G G L
UniRef90_A9YTW7 Q I A F T F G L T V A T L A Q G L G H L S G C H
UniRef90_T1K1U5

UniRef90_Q67WJ8 MN **P** A V T L S F A F F R H F P W L Q V P F Y W A A Q F T G A M C A A F V L R A

UniRef90_H3GSY3 LN **C** A V T T F A H A V Y G R L P W W K L P G Y W L S Q V V G A F I G A Y Q K I H

UniRef90_A0A024NQi3 LV **N** P A V T F G L F V G R M K S L I V R A L L Y L I A Q Q C L G A F I C G A G A K G

UniRef90_V5V0Q1 LN **P** A V T S L S A Y L G L D K M V P L V I R L P V Y F V S Q I V G C L I G A G L L H V

UniRef90_A7BIX4 LN **P** A V T S T L A I V F A K K M S L I J K G F Y I C S Q C L G A I V G S A M I M A

UniRef90_H3BIC8 LN **P** A V T F A F L I G S Q M S L F R A L F Y I A A Q M L G A V A G A G A V L

UniRef90_H3CZA7 MNA **A** V S T L M C V F G R L A W R F L A A A T I Y A V Y Y E A L Y D Y C A G V N

UniRef90_B5THM7 LN **P** A V S T L V A M L F T G K I G V F K S L F Y I I A Q C V G A I G A A L V

UniRef90_UPI00032B02A5 AN **L** A V S T I G L F L V G S H I L L P R A M A Y V V A Q Q L A G A T A G A A L Y R

UniRef90_Q8I136 LN **L** A V S T I G L S S I N K F S L K K I P V Y F F A Q Q L L G A F V G T S T V Y G

UniRef90_H0Z148 LN **P** A V T T L G C L L G S Q L S L L R A L F Y V A A Q L L G G V V G A I L H E

UniRef90_A0A026W353 LN **P** A V T T L G A V I V G L K S L L P T A A V V Y V L G Q F I G A T V G A G L L K M

UniRef90_H2SKI9 LN **P** A V T T F A L C L L G R E R W R K F P V Y F F Q T I G A F F G A A I I F A

UniRef90_B4LMA9 LN **P** A V T V A A F I Y E L V T L P M A F V Y F V G Q M L G A F I G Y G L L K A

UniRef90_V4AIJ5 VN **P** A V T L A I A I C G E I K P L L A V C Y F F S Q I V G G M V I G A A F T R A

UniRef90_UPI0003317DC0 FN **P** A V S L L A A M L I G G A I K P L M M L L P Y W I S Q L C G G L I G A A L T K A

UniRef90_H1VVR7 FN **P** A V T L G M V L V K A I P P A R A A C L F V A Q L L G G M L A S L I V R F

UniRef90_Q8JIR3 LN **P** A V T T I A L L V G A R I S L I Q T V F Y V I A Q M L G A V I G A A L L Y E

UniRef90_UPI00046BBE40 LN **P** A V T V A M V C T A R K M S L L A K S V F Y I I A Q C L G A I L G A G I L

UniRef90_A7S514 LN **P** A V T I S F M I V R K V S F L R G A F Y V I G Q V I G G T A G S A M L Y G

UniRef90_UPI000388E262 VN **P** A V T F A F L V G A Q L S L L R A V F Y M V A Q V L G G V A G A A V L

UniRef90_H2T183 LN **P** A V S L S L C V L G R H P W K H L C W F W L A L M A D A I Q T Y S G G E

UniRef90_Q651D5 LN **P** A V T L G L F F G R K L S L V R T V L Y V V A Q C L G A I A G A G I V K G

UniRef90_U1MJE8 VN **P** A V T T A A L F I L G K I S F V H S L L Y V V A Q M F G A A F G A G L S Y I

UniRef90_Q7PMQ5 LN **P** A V T A A A W Y E L V S T K V A L F L I F S Q C L I G A F M G Y G L L K L

UniRef90_L8LK87 FN **P** A V T L A F W I A G F F P K G R V L P Y I F A Q C L G A V V A S A A L L A L

UniRef90_M3ZY85 LN **P** A V S L L S F C L I G A I R W G Q L L P Y C V S Q L F G A Y V G A A L V Y L

UniRef90_W9WL00 FN **P** A V T L G L C L L G A I P F I R G G L V F I A Q M L G A M A S A G V V K A

UniRef90_A0A044VJ31 LN **P** A I S A L F L S M G M L D I V S F V V Y I I F Q H I G A F L G A A A T Y A

UniRef90_K1XW12 FN **P** A V T L A L A L L E A L S P L R A I L L F I A Q L T G A T L S A Y I V S V

UniRef90_W6CR86 LN **P** A V T I L G L L A C G R I S L I R M S I L L Y I P F Q L A G A V A G A L L Q Y

UniRef90_W9MBF5 LN **P** A I T L A N C I F R K F P W R K F P A Y L V A Q A L G A M V G S L I V Y G

UniRef90_A9YTW7 LN **P** A V T L A F A A L K H F P W K H V P M Y I A Q V M A G I C A S F G L K G

UniRef90_T1K1U5 LN **P** A V S T A M A S I G R L P W K R V P H Y M A A Q Y I G A F S A F V T W L

UniRef90_F2UHC9 VN **P** A V S F S M I T G N V S I I R G V L Y M V L Q T L G S V L G A A L L A A

UniRef90_UPI00042B0CB5 VN **P** A V T F G M A V G G H I S V P T A M F Y W V S Q M L A S V M A C L L L K V

UniRef90_UPI00032C8D85 LN **P** A V S T L A M C Y T G R L P W I K L P V Y I L A Q H L Y D A L M Q Y S D G E

UniRef90_J3JTJ1 LN **P** V T V A A A T L I G N I P L I Q V P I Y F L G Q M A G A T V G F G L L K V

UniRef90_A0A016Q501 MN **P** A I S V S L S I F R G F S W R Q C V L I Y V F V Q F I A S L V A G A L A Y A

UniRef90_W2TG19 FN **P** A V S L T M V T F G R L S V R D F L I Y C V V Q T F G A F V G A G A Y G

UniRef90_UPI0002C46E58 VN **P** A V T L A Y R T G S H I S L P R A V A Y V A A Q L A G A V A G A A L L

UniRef90_G3WD79 LN **P** A V T F A M C L Y G R M K W Y K F P F Y I G A Q Q L L G A A I R C F A E G K

UniRef90_K7GAV5 LN **A** I T F T H C V F R N L P W R K L P A Y I I G Q F L G S F T A A F L M F C

UniRef90_C3Y280 LN **P** A V S L T M A V L G K L R W V Y L P C Y V L A Q M L G A F L S A V C V Y I

UniRef90_UPI00046E0307 VN **P** A V T F G M A V G G R I S V P N A I C Y W L S Q M V A S V M A C L L L K V

UniRef90_I4IY31 LN **P** A V T L A F A T T G F I S V W F Q V P F Y I A S Q L L A S T C S S F C L K A

UniRef90_V4A513 VN **P** A V T V A M T V A M K S S V I R A V L Y V F A Q S G A I V G A F I

UniRef90_G1X696 FN **P** A V T L A L V L G N G M P I P R A L F C F L A Q V L G G I A A A G V A E G

UniRef90_R7TVQ7 LN **P** A V T I G F L V A R R I T I G R A L F Y V L A Q V L G A I L A A G L V A N

UniRef90_M7WZ55 FN **P** A V T L G M L L V I G A L S P L R A A L L V V S Q I L G G I T G S A I I Q A

UniRef90_R1GD19 MN **P** A I S L L W L F R G E S P L K M L I Y W A C Q L L G C L A A A L A Y A

UniRef90_S8C0V5 LN **P** A V T F G L F L A R K L S L T R A V F Y I V A Q L L G C T A G A G V V K G

UniRef90_A0A034V1P0 LN **P** A V S I G R L V V I G Q M K F L K C L C Y I L V Q C I G S C L A A F L V E S

UniRef90_UPI0004421FF0 LN **P** A V T M A F L L G S R V S L V R S V C Y V V A Q L T G G I V G A I L

UniRef90_F6V0M7 LN **P** A V T V A F L L A A H I S L S K A V L Y I T V Q V L G A V M A G L L Y K

UniRef90_Q6FV88 LN **P** A A T V T T F F F R G F P A R K M P F Y F A G Q L L G G F M A C L L S Y I

UniRef90_C5DZW3 LN **P** S I T V V N F I F R G F P F K N V F I Y V T G Q L L G A F V G A L L F I

UniRef90_T1G957 LN **P** A V S F A F M S V I G R L S L G M L M F W L A Q Y L G A F V G A L L A Y A

UniRef90_K7V3Y8 LN **P** A V T V G I L V R G H I T K L R A L L Y V A A Q L L A S S L A C L L R Y

UniRef90_I2FZS5 FN **P** A V T L A L F L T S G T L L G W F Q L L H L T I A Q F A G G I A A A

UniRef90_M7SUH6 FN **P** A V V L G M C L T S G Q L P W M R A A F L V P T Q I I S C M A A G G V V K A

UniRef90_Q6Z2T3 MN **P** A V T L A F A V F R H F P W I Q V P F Y W A A Q F T G A I C A S F V L K A

UniRef90_M0RZN8 LN **P** A V T L G F A A G G Y V T V V R C V L Y V I A Q L L G S S M A C L L L K Y

UniRef90_W9RW67 VN **P** A V T F A M A I G G H I S V P T A L F Y W L S Q M L A S V L A C I I L K V

UniRef90_UPI00046DEE4D LN **P** A V T L G L L V G G H I T V L P A R V P H W W I G H V I C H L

UniRef90_U3KCM1 LN **P** A V S L A M C V T G R L K W T K L P I Y I L A Q Q L L G A F I G A Y S D G K

UniRef90_UPI00034C4167 FN **P** A V T L A M V T S G F R P Q N R V L P Y I L A Q C G G A I A A S I L F L

UniRef90_U1NXK8 LN **P** A I S L M F Y T F G K L P L H V L Y Y S I A Q T V G A F I G T A L A F Y S

UniRef90_UPI000395CB3C FN **P** A V S L G V W L L G K L H I T M L I P Y W L S Q L C G G M I G A G L A K A

UniRef90_M0X1K4 LN **P** A V T L G L L L A R K V S L L R A V M Y I V A Q C A G S I V G A G I V K G

UniRef90_W1NLQ9 LN **S** I T I S F A L L R H F P W S Q V P T Y I L A Q V S A S I C A S F V L K G

UniRef90_M3BZ84 LN **P** A V T F A N C V F R G F P W R K F P Y M L S Q V L G A M T A A A V Y Y G

UniRef90_UPI000441D42F LN **P** A F S L S M C L J A Q F P W W F M G A G T V Y T L Y Y D A I Y S Y S N G T

UniRef90_Q677C2 VN **P** A V T F G A F L G G N I T L F R G L L Y W V A Q L L G S T A A C L L L R F

UniRef90_R1CA21 LN **A** A V T F G L T L V G K C H P A R A A V Y V V A Q L A G S I T G A I L L Q G

UniRef90_H3BIC5 VN **P** A V T L A F L C T R K L D F L R C I S Y L L A Q C L G A L T G A S G L L Y L

UniRef90_T1L126 LN **P** A V T T A M A A I G K F K W S K V W Y Y L L A Q Y V G G T H F E A I E H F

UniRef90_W5E743 LN **P** A V T F G L L L A R K V S L P R A F L Y M A A Q C L G A L C G A M V R A

UniRef90_G0WAJ9 LN **S** I T I A N F I L Y R G F P Q L L G A F C G A L I L F I Y Y K E V I V Q T Y

UniRef90_UPI0002F866AA FN **P** A V T L A F W T S G F F P K R R V L P Y I L A Q S V I G A I A A S

UniRef90_DONBP1 LN **P** S V T L A H C V Y G R L P W W K M P G Y C L S Q L I G A F V G A A A I Y L

UniRef90_Q9C6T0 FN **P** A V S L A F A S S K F F F N Q V P G Y I A A Q L L G S T L A A A V L R L

UniRef90_K7N2M1 LN **P** A V T F G A F I G G N I T

UniRef90_A1D9U6 FN **P** V S L A L C L V I G G M P P L R G V F V F A Q L V A G I A A A

UniRef90_A7MCF8 FN **P** A V S V G C V Y L I G G M E V I L L V P Y I I G G V I A A S L A K A

UniRef90_UPI0003872565 FN **P** A V S L G A Y L V G G L N I T M L I P Y W V S Q M L C G G V I A A G L T K V

UniRef90_B9S144 LN **P** A V T F G A L V G G R I S V L V A F Y W I A Q L L G A L V A S L L R L

UniRef90_Q8VZW1 LN **P** A V T I A F A S C G R F P L K Q V P A Y V I S Q V I G S T L A A A T L R L

UniRef90_R7UHU3 LN **P** A V T V A M V F G C C T I L R G I L Y V I A Q C V G A I A G A G F I

UniRef90_G7YQU0 LN **P** A I T L A F A L T G A V P L K R I P F Y T V S Q V L G A Y V G A S T V Y L

UniRef90_R7YWG5 FN **P** A V S L L G F L V G K V P V R T I V T A S A Q I A A I A A G V V E G

UniRef90_B4LQ46 LN **P** A V T I G F L V V G E M S I L K A L F Y I V I Q C V G A I A G A A V I K V

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170 180 190 200
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V F S A T D P R K R N H V P G L D T P I K F I G F A V F M V H L A A I P V Y T G T A M N P
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V F A T P G E E K Q R M G K F A P L S I G F A V L S C H L V G I P Y T T G A S M N P
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I M A L Y D Q K R N P A P S E P I T A I V G L L V L L I G I S L G S L G S A I N P
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V L A I G D Q R N I P L Q D R P L V L V G A A V L L I G I S M G S N S G Y A I N P
V F S A T D P K R T A R D S F I P V L V P L P I G F A V F V V H L A T I P I N P
A F F C E Q R N Q P L F L Q P A L F G V V A A M I G T C Y S M N M G S P V N P
C C G V W D P R N A K H H D V A I R F G L A I A G L A C A A G P F T G A S M N P
I L G S G L D R R A H T G F A G L A I G L T V G L E A A F M G P I T G A S M N P
L L S L T E K R N A P P D L I A P I V A G I V L G I I M S M S A N C G A S L N P
I F M L A E K H R A T H V A P V G I G L A I F I S E L V A V Y T T G G S L N P
V C A V T D P R N S D A N S A P V A I G L A I A C S H I F A V P L T G S G M N P
L F A L D D G N I G A G N L T P L G L F F V Y G I G A C F G S N T G Y A I N P
A V A T D T R A V G E M A G I A V G A T V M L N I L I A G P E T A S M N P
I L A A D G P K L P R S F H P L Y F T L V I T G I V I S F N Y A G A I L N P
I F G N A V D K R G S S V L A P F Y I G L A V V I D H F V G I P L T G A S M N P
V Y A A G D P R G P L G V I G P I A I G L M A G A M V L A A G P F S G G S I N P
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C C G V W D Q R N S D K H D V A I R F G L A I A V L A L A A G P Y T G A M N P
V F A L G D D Q N N P P G M H A L V L G F L V T T L K F T L G Y N I T G S A L N P
V A V I L D K R N R P E V A H P W L F G F V L V M I G T C Y G M N L G Y P I N P
V F A S T D N R Q T S G S P A I I N G I S V A L G H L V G I Y F T G C S M N P
V F A I Y D E K N W P K G L E P V V I G L L I L V L S C S L G M N T G Y A I N P
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I F M L A V E K T K A S V S V T G H R A L Y T Q E G A S P A G G T T G A S L N P
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V F S A T D A K R H V P I L A P L P I G F A V F L V H L A T I P I T G T G I N P
Y K S M D P T R D D L H L S G P L V V G L S I T A G H L V G Y L C S S A S M N P
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I E L L A A E K H R K D T F L A P V G I G L A L F L A E L L G T N Y T T G G S L N P
V L M L A A E K S K G D T F L A P V G I G L A L F V A E L P G V Y F T G G S L N P
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V F S A T D P K R H V P V L A P L P I G F A V F M V H L A T I P I T G T G I N P
I A A V A T D T R A V G E L A G I A V G A T V M L N I L V A G M G S G G S M N P
I Y A I D D H N I G A K N L T P L A L F F T I S F T I G A C F G W E T G Y A I N P
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I F T L G G V E D K T G G F G A N G L N G S I A A G L V E I V L T F I V L T
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I Y R D S I F H S G S G F Y T P L A Y V R N V T A F N E F V A A A I L I C
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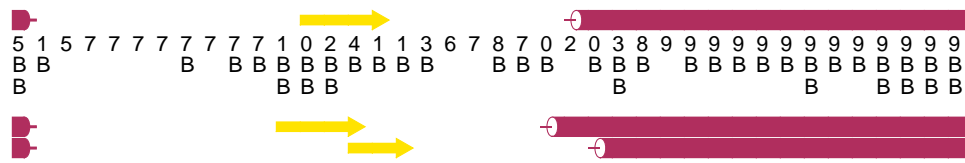
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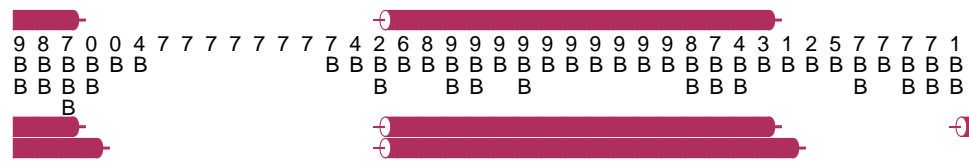
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