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UniRef90_UPI0003C1886A	LALPLPVN	SSSPAVIF	ARQKH	FQDR
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QUERY D T L V A Q K S S I M P E P E H V I V A C C K N Q Q F F V L D V V I N F R R L S E G
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290 300 310 320

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W H G D G A N R W F D K P L Q F I V I N D N G T S G F M G E H S M M D G
A H S Y W H G D G N R W F D K P L Q F I V I N D N G T S G F I G E H S M M D G
L H G G G S R W N S G N R W F D K T L Q F I V G E D D G S C C G L V Y E H S P A E G
W H G D G S N R W F D K P L Q F I V E N E N G T A G F M G E H S M M D G
L C A A S L T G N P T V R W G D K S Y N C L S F A N G T F G S N C D H S P Y D A
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L L G G R H G E N A A N R W C D K T V Q L I V G E D D G Y T G L L Y E H S P S E G
F S R R M L L H G K G Y N R W F D K S F N F I V C K N G A Q I G F N A E H S W A D A
W A H N L L H G K G Y D R W F D K S F N L I S K N A H V G L N A E H S W G D A
L W H G D G S N R W F D K P V Q F I V I N D N G T S G F N G E H S M M D G
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UniRef90_S4R655	P A E C C Q T V I	E N S L A V A Q A L A D D V	
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UniRef90_W5K1C5	T P E V K K D I	E K A K Q N M N I M V H D L	
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UniRef90_G1Q3Y0	T P E I N N D I	E K A K Q N L S I M I Q D L	
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U N I R E F 9 0 _ R 7 S E B 0 E I L R N L Q A I L L D A D K E Q A A Q H A I G V L T T E N R K T W S G H R R S
U N I R E F 9 0 _ U 1 G R 6 7 E L R V Q L Q G A I V D L Q T Q S P D S S P V A I L T T S Q N R S V W A K Y R Q E
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Q P S L P R L P I P P S L L E E T C C Q R Y L L N A Q L P L L D P T H F E D T Q K L V A
A D T C C A R Y L L R A L R E G L Q D P S E H G V T R K A V E
Q K S L P K L P V P P S L A D T C C A R Y L L R A L R E G L Q D P S E H G V T R K A V E
E D K L P V P P L P A L E D T C A R F L L E W S R P L L T T E Q E F A T E A A V R
D L P P L P V P S L Q Q T L H K Y L Q S V K P F L L S E E E L H E T E E G I V G

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L I E I P H N A S I L R E S T I H Q S S A F A V C L D D D D Q P D N I H D F S R A L W H
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L G D D T K A N D E I L K I I D D G A L F V V C L D D N V E V E N L K D L A K N L S V
L V I E T G N R E I L Q K I D D S A L F V V M I L D D E I I G T E Y N K
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L Q K S P V N L A S L E T I H A S S F V L C L D D N V P V T I V E K S R N
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A E D N P Q N A E S L K R I D S A L I V A L D D D T S P I T R D D T S W
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UniRef90_E1ZV70 T P V A V L H D Y V L K Y I A G K N S A K C G Q D T K D F P R A E L K F E I
UniRef90_E9FY65 V A V M R F I N E S H K D S I E K P R V H P H E R D V D P S H H V R R L E F Q L
UniRef90_M5FP90 H T V L R F A A D V Y T E C L L L L A R S I N P S A P T L F S T P K K L E W T M
UniRef90_W4G2Y7 M A M S V Y A D F L T G L H K Q D T T L T H A A L V A R L P A V T P L K V H M
UniRef90_A8M1A8 T T I L S F V D T V L T G S P E H A A Q S G A V T Q G V P A I E P V T F V L
UniRef90_H3DLY0 M V L V A T M S W Y V D K M L Q S T G G K W Q G P S A A R V L P P P E E L V F T V
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UniRef90_K5VH11	H E G L T R A V V S A N A R A R I L I K N	
UniRef90_H0VJ12	D E K I L N D I K Q A K A Q F L Q E A S D L	
UniRef90_W6MN27	T N E L S L A L R F G E T R L S D L I Q	
UniRef90_E9IY55	D A K S E S L I D Q Q K A D Y Q A W V N R L	
UniRef90_UPI0004561195	T P K L A A G I R H G E M R L S D L I	
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UniRef90_W1QFL6	S A K T Q T A I E E A K A S F D K T V D A L	
UniRef90_J6F2Y3	T P D L K Q G V R F A E T R I S D L I	
UniRef90_B3RPE6	N E N L E N R I R K G K V E A A S T I N D I	
UniRef90_F4RG67	S T R T K E N I S K A I E N H Q K L M S	
UniRef90_K3WFS1	S T G L E P A V L K S L E D A K V A I A D F	
UniRef90_W6MJ68	T P A T Q T S I T A Q V S E F H K T V N G L	
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UniRef90_L8WMT7	D S T S K S H I Q T A T K N F N T L V	
UniRef90_M2PT06	D S K T R S H I A S A E K A F D E L V	
UniRef90_UPI0004415329	D T D M V E R I S K A K V A A A A L T S	
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UniRef90_H3DRX8	T N D H K K A I E K A K R R I D A V A E D L	
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UniRef90_W4JRZ8	T P D L R A G L R F A E T R L S D L I	
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UniRef90_W4ZB38	D N I L S K I I L E A K D I H V K K V A D I	
UniRef90_K3WLZ3	D N T A H T A I E R A S A A I G K L I H	
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UniRef90_UPI0003B63FAF		
UniRef90_F0X1Y1	N L K L R E D L K K A K A Q F Q Q	
UniRef90_B3S3X0	N D E L H Q L I R Q T A E K F D K A V E D V	
UniRef90_S8EDA4	S D A T R T A I R T	
UniRef90_W5U7W1	D R A I K W D L E M A K Q N L N I L I N D L	
UniRef90_K5WNL8	D T V S R E A I A R A E E H F D T L V	
UniRef90_C7MUH5	D D A L R D D I R A A	
UniRef90_W4FG43	S A E T K R T L E Q A K H T F D T W T H R L	
UniRef90_UPI0001757D4C	N D H L R K C V D D A K N S Y K T I C D N L	
UniRef90_S8DZF3	D S K T E Q F I K Q A E A N F D E L V	
UniRef90_U6NXD9	T D S L K S Q I S K A Q K D H	
UniRef90_A3GG88	N P T S R A N I A T A V E K F D K T I	
UniRef90_K9R6Z2	S D E T L A E I K Q A E L E V E N F I S	
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UniRef90_A7S1E0	D D Q M L K C V K T A V D K Y Q K E A D	
UniRef90_E1ZV70	N N V I E N A I E K A T D A V D K L S N D L	
UniRef90_E9FY65	S D Q L K T A V S D A R Q H F D Q M T G P L	
UniRef90_M5FP90	T P E V K T G I R F A E T R L S D L I	
UniRef90_W4G2Y7	S A A T L Q A I A S A E R T F D A T V	
UniRef90_A8M1A8	D D S L R A D I A A A R S F A Q	
UniRef90_H3DLY0	D E K V R R D I S R A K K Q Y F E S T Q D L	
UniRef90_W4ZCK4	D Q R V R D D I Q H A T E T Y H K L A S	
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UniRef90_UPI00045DE7F9 E P A L P R S L P V P A V D L K D A T V L N R Y L E S V L R P L M R K S P E D D F F R A R A E L L A E

UniRef90_X8J304 E R A L P R L P V P T L S S T T S K Y L E T S V R R P H L K P D E E Y Q R A A T E R T V Q

UniRef90_UPI0004414269 Q N A M P R L A V P P L Q S T I K K Y L L R S V R R P L L L D D E K E Y K N M Q E R L A L

UniRef90_W5KJR6 Q D S L P K Q P V P D L L E K T A K L Y L L Q A L K P L L Q S P S K E H S D T I H S V E

UniRef90_L1J325 Q D S L P K L P I P E L L D D S S C K K Y L L A S C E P M L T N E S E E L I H T K A V C H

UniRef90_K7J3H7 E E Q T L E A Y V L E S C E P L L N E S E E L I H T K A V C H

UniRef90_B2W2E7 E K N T L D K Y L L E S V L K P F V L T S A E E Y K N T E A V V R

UniRef90_A0A024QC5 Q K S L P R L P P I P K L L H D T L S R L K D T L K P I W S S D A E E Y N A S I D K M I D

UniRef90_A0A024G2R7 Q S S T L T K L P V P P A L L H D T L S R L K D T L K P I W S S D A E E Y N A S I D K M I D

UniRef90_C3Z192 Q S S Q L P S L P V P P T L L E D E E T A T R Y L L K D A V L K P L L S A E E E Y K A S T E N I V K

UniRef90_L7M7S0 Q D S L P S L P V P P T L L E D E E T L N K Y L L K D A V L K P L L S A E E E Y K A S T E N I V K

UniRef90_BOCU67 Q S S L P S L P V P P A L L E D E E T L E K Y L L E S A E P F L N A D E E L K R S K Q L V D S

UniRef90_J4U718 Q S S L P K L P V P P K L L E Q D T F K R Y L L A A V L R P L V D D A E E Y A K T L A E I V S E

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UniRef90_R9ARG0 Q D S L P N L P V P P E L L S Q T V E L Y K R S L I P L Y P E G E E F L A R Y S K V I D

UniRef90_B3S9R5 Q S S L P S L P V P P K L L E K R T C Q R Y L L R A S V K P I L S D D E E F F K R T E A V V R

UniRef90_B0WDI7 Q D S L P R R L P I P S L L Q Q T A R K Y L L E S I E P F V T T K E E L Q H T T E L M Q

UniRef90_C4R3G3 Q A D L P R R L P V P D L L Q Q T A R K Y L L E S I E P F V T T K E E L Q H T T E L M Q

UniRef90_I1G411 Q K S L R R L P I P S L L Q Q T A R K Y L L E S I E P F V T T K E E L Q H T T E L M Q

UniRef90_F1KYG7 Q K S L R R L P I P S L L Q Q T A R K Y L L E S I E P F V T T K E E L Q H T T E L M Q

UniRef90_T0R8F2 Q A D L P R R L P V P D L L Q Q T A R K Y L L E S I E P F V T T K E E L Q H T T E L M Q

UniRef90_M4BLB0 Q K S L P R R L P I P K L L E D S T V R R Y L L A A Q K P L L D D D Q Q Y L Q A E T E R A V R

UniRef90_V9KQR8 Q K S L P R R L P I P K L L E D S T V R R Y L L A A Q K P L L D D D Q Q Y L Q A E T E R A V R

UniRef90_F2UR71 Q D S L P K L K I P K L L E D S T V R R Y L L A A Q K P L L D D D Q Q Y L Q A E T E R A V R

UniRef90_B4LQP3 N L L K Y H V L P L N E T I L S R L K E A S V Q R A V L A S T D E E F F N T K K I C

UniRef90_F6TS86 E F K L P D L P V I S T L L I D T I S R L K E A S V Q R A V L A S T D E E F F N T K K I C

UniRef90_J4GNG6 Q S S L P R R L P V P P T L L I D T I S R L K E A S V Q R A V L A S T D E E F F N T K K I C

UniRef90_H2W3D6 Q K S L R R L P I P K L L Q Q D S V N R Y L L A A S K P V L L T D E E Y A K T E A A I D

UniRef90_H8G775 E N S L P R R L P V P P T L L Q Q D S V N R Y L L A A S K P V L L T D E E Y A K T E A A I D

UniRef90_A8FU62 Q K E L P V M S V P D L L H V T C R K L I E W S E P L I T E E E S I K T R E V I E

UniRef90_C3ZX32 K N T L D R K Y L L E S V K P F V T T A D D S Q F K R T E A V V R

UniRef90_F7F248 Q D S L P P L P V P S I E K T K A R Y L L Q S I K P F Q S N E E Y N K Q V A L V E

UniRef90_K0KKT5 D T L P R V P L P T L L E E A S C H E R F L E W C A P L L T A D E L A R T E A A V A

UniRef90_K0F2K9 E D Q L P R V P L P T L L E E A S C H E R F L E W A A P L L T A D E L A R T E A A V A

UniRef90_F8AXV3 Q G L L P W M P P A V R D E T V R Q Y L L E T V R P L L T A D E L A R T E A A V A

UniRef90_F4RHZ4 E D A L P R V P L P A V L D E T R E R F L L E W C A P L L T A D E L A R T E A A V A

UniRef90_A0A016TY14 N L L K F P A L K L L E E T I S K F L K T A E P V L T K E E L E E T K R L A A

UniRef90_UPI000419F6C4 Q S T I P H L P V P P L S D S C H R Y L L E T L S P L L S Q E D F S Q S A S V V K

UniRef90_T1PK01 E E Q I P R V P P R L L S D S C H R Y L L E T L S P L L S Q E D F S Q S A S V V K

UniRef90_Q5KNV3 Q A A L P S L P V P P E L L S S T I Q K Y L L D S V A P L C T E E E V F R Q R Y L C S

UniRef90_X6EC27 Q S S L P R L P I P P L K H T C C G L I L E W A E P L L T E E E S I K T R E V I E

UniRef90_K4DZQ7 M P V P D L N Q T I D K Y L L D S V R A V A S D E E Y V L T E G I A T

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UniRef90_L7LT72 Q D S L P R R L P I P T L L E A D S C E R F L A W C A P L L T A D E R A A T E A E V A

UniRef90_A8PQ37 E E T L P R R L P I P T L L E A D S C E R F L A W C A P L L T A D E R A A T E A E V A

UniRef90_K7E416 Q R S L R R L P I P T L L S D S C C D L Y L K S I Q A A V L T Q A G E E L L K E L V E

UniRef90_J1ZSV7 Q A S L P K Y P I P P L L D D T C C D L Y L K S I Q A A V L T Q A G E E L L K E L V E

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UniRef90_UPI00045615B4 E E G L P R V P L P T L E D T C C R R F L E W C A P L L T P E Q L A E T E A A V A

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UniRef90_Q6CY95 E D T L P R V P L P T L L D D S C A R F L Q W C R P L L D A D E L A T T E A A V A

UniRef90_U5EH62 S L P A L P I P P L L D E T L D R Y L L D S V K P F F T E K K F Q K E Q E L T Y

UniRef90_Q17AX0 Q K N L L K F P V V P L D E T L D R Y L L D S V K P F F T E K K F Q K E Q E L T Y

UniRef90_B4JQ29 D Q L P R V P L P A L D S C A R F L E W S R P L L T D E D E Y A A T E R T V A

UniRef90_W5TFP5 Q R L L P K Q P L P T L E A T C A R F L E W S S Q L L E T Q D E F M L T Q Q A I D

UniRef90_R7TK95 Q K S L P D L V V P E L L K D T I S K Y L L F S V K P F C T P A A F A K Q E L L C K

UniRef90_C5DW60 Q G I L P W L P P K V L K D T V A K Y L L I T M K P L L S P E K E F D L M S E Q A E

UniRef90_G0NBC7 A Q L L C Q P V V P L K E D T I Q R Y L L C S I Q P H L E P D E F V E S Q K L T L

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UniRef90_UPI0003AFDBFC L A Q T L Q G Y L R A L E P L L T P D E E Q T K T K K V I E

UniRef90_UPI00046C3C30 Q S K L P S L G V P E L L E Q T C S K Y L L N G I R P Y C S E S E Y A R Q E L L C K

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UniRef90_E5S663 E D R L P R R L P I P T L L E E T C E R F L E W C A P L L T N E E E L A A T K A L V D

UniRef90_D1ADN8 Q Q D L P P L P V P E L L N S T L N K Y L L Q T I R P F C N S V E E F E R Q Q L L C K

UniRef90_J8PYM3 Q A Q L P S L P I P P D L K V T L N K Y L L Q T I R P F I S S E E L E R Q Q L L I Q

UniRef90_H2AT24 D R L P R V P L P T L L D D T C A R F L L Q W C S P L L T P D E L A A T E T A L A

UniRef90_A8L3B9 E T A L P K P P V P S L E A T L D R Y L L A V V A V G Q K A S L A T T H D A A H

UniRef90_P32756 N L L T Y H V L P S L K E T L D R F T A T V E P L L S P A E F E Q T K K V I E

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290 300 310 320

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90 100 110 120

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S S I A I N T N P F F V L E D D P T P S S R T S Q I A R A T T L V W S S L K F C Q
K P L L Q T S T M N A V L P K D I Y G S E M D Q I K H A S L F G Y H L V K F W N
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L A L P V N S S P A V I F A Q Q H F Q D T N D Q L R F A A N L I S G V L S Y K A
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G P L M V N S N Y Y A M D L L Y V L P T Q I Q A A R A G N A I H A I L L Y R R
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R G H T L P R N P F F I F E D D P L K S P P T Q A F R A S L L V T S A L R F I V
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130 140 150 160

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

UniRef90_W8AVD6 UniRef90_I1CKB5 UniRef90_B4K3A8 UniRef90_K4DPH0 UniRef90_H3CZP4 UniRef90_G1NAY9 UniRef90_UPI00044073F7 UniRef90_K1WWS6 UniRef90_U5HI36 UniRef90_R9P591 UniRef90_B4M613 UniRef90_L1JBF2 UniRef90_E0VA16 UniRef90_E8WFE7 UniRef90_F4RWY7 UniRef90_UPI00046B553E UniRef90_Q9V1I6 UniRef90_G8ZTT7 UniRef90_A8P906 UniRef90_UPI000361EC95 UniRef90_Q6CUK6 UniRef90_R4SP29 UniRef90_L8HG13 UniRef90_W4YJ91 UniRef90_J7S3D1 UniRef90_W8ACI2 UniRef90_U6NMS0 UniRef90_A0A024GIQ7 UniRef90_S2JSN9 UniRef90_H2YI63 UniRef90_F2UJ13 UniRef90_F4CU71 UniRef90_E3K234 UniRef90_M5E8J6 UniRef90_U5H4Z5 UniRef90_E4Y2C7 UniRef90_G7V780 UniRef90_K7FG57 UniRef90_A7WPK4 UniRef90_Q9VB02 UniRef90_T1PAT8 UniRef90_M7BTL2 UniRef90_A0A024U2Q7 UniRef90_B7G476 UniRef90_UPI0003AFBF77 UniRef90_I4YIW0 UniRef90_B4LQP4 UniRef90_G0VK18 UniRef90_J3Q8K5 UniRef90_A7ENM4 UniRef90_G7YWR8 UniRef90_S9XSG8 UniRef90_K3WKA5 UniRef90_UPI0003EE0140 UniRef90_F6WJY7 UniRef90_B4NAS3 UniRef90_R9AG16 UniRef90_UPI0004655E7C UniRef90_A8XQK3 UniRef90_B2HPX3 UniRef90_UPI0004413B90 UniRef90_G4VPS9 UniRef90_M5G4V0 UniRef90_L1J2S1 UniRef90_UPI00030A1BB8 UniRef90_UPI000440F244 UniRef90_H3DWY4 UniRef90_F7GCD2 UniRef90_L1IP56 UniRef90_A8WJ19 UniRef90_I4YJ09 UniRef90_A7T159 UniRef90_H0FEJ7 UniRef90_A0A024FZ30 UniRef90_F1KXX5 UniRef90_I2GWH6 UniRef90_W1QGR9 UniRef90_UPI000161DEAE UniRef90_I1FN58 UniRef90_B5VP87 UniRef90_G2Y7A0 UniRef90_W9CPS6 UniRef90_K5X5Z9 UniRef90_M2P7K7 UniRef90_UPI000441560E UniRef90_UPI0001CE20CA UniRef90_I1G978 UniRef90_A8Q978 UniRef90_W8C4X5 UniRef90_D7FX63 UniRef90_E3QIG0 UniRef90_A4HC81

250 260 270 280

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

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

Y F G R G K N K L S L E A V E K A A F F V T L D D T E Q G Y K K D P V M S L D S
I R E I S N N R E T L K L V E S A N I D I C W D E H S P K D Y E E A S Q L
L L Q D K K N E E S L A A I E S A A V V I T L D G N Q A L N S P V D K S R H L
L A A L P K G N A D A L D V I E T A L F C V L C L D D V T P A D T H E A C D L L
M I C N S R N R K M F E A I D S A V L C L T L A N D F V E N D S E
L I R D G G N A D S L D R I E R A L L V V L D D A E P D T Y V F P D S Q R A P G S R G P
L R S L S F N D E S L R F V E H A V S A L C L D D T Y I Q N K R D D V I S L A L Q L
L C Q D P E N E G N L K T I A K S M F V L C L D D K P I Q N K R D D V I S L A L Q L
L T Q N K G N D R V L E E I D S A V V V V A L D D E E R P V T R E E I G W G C W A
L E T C S I N Q E S L R T I D S A L F V V C L D D H G P H Q G Y T E R A Q D I
L R T C P G N A E A L D D L E T A L F C V S L E E S A P P T G T Q H
L L S S P S N H K T Y T T I Q Q S L F A L S L D H H T P L P I D S A S E I D S H
F F S I P K N K K A L K E I E T A A F V I V L S P H H T D W D Y Q E N P D T L S R
L L I E A G N E E S L N K I D S A L F C L C L D D I S T Q N H V E L S H C M
M V S H E A N K E G I R T I E E A L E A V S L L E D S V D S G D L H Q
L I R V S A N M R H L K D V E S S L F M S L V P K N G G N N H Q K
L I Q D P T N A D S L A E I E S A A F V I A L D G T Q T L D T P V T K S R H L
I F E D K T N Y Q N L K L I D S A L F V I C L D D D E F D S T N E N E L V K S M
L L A H P S N N A A L E A I E A A S F V I C L D D A A P V T L E E R A H Q Y
L I Q F E I N A K S I S D I D T A L F V L V L E T R E A A S T K E S A E L
F F S N A T N K K T L E T I E S A L A F I V L D D S A Y E Y N A E K P E H L D H
L S Q D P E S A S S L D S I K S A F V I C L D D L D S H P I T T H E K S K Q V
L E R S N Q D V L E I L D N A L F V V S L D H E A P T D Q Y V S H G T S R I
F F E N A T N R A S L A L I E N A I F Y L T L D E S N Y N S D P E E L S L
L M K D P I S Q D S L E T I H K S S F M L C L D D L D Q S P V I T L E E
V R N Q C E N S N T V D M I E K S A F V V C L D D D G S P N T T T E R S N Q F
L I E D E R N K T S I E T I E A A A F I V C L D D A T P E A P S Q R F S Q F
L L T S P Q N R D N L T A I N H S I I G L S L D D N Y T Y D S A E E V I A H L H N
L L S S P Q N R H D T L Q V I Q H S S F A L S L D D H Y T Y D T V P E I T A H L H N
L L S S P S N R T L Y T T L A S S V F A L S L D D P Y A Q T H D A D L A T H L H N
Y F S S G K N K A S L D A I E R A A F F V A L D E E A H C Y N P E D E A S L S L
L A A I G D N A S L K T I D S S I L V L C V D D D K T E S E L E
L L S G P Q N R K A L E K I E S S G I V I A L D S G K P V T F D E R G V A V Y
L Q E I S K N R E T I R I I E S S I V I A F D E N E P Q S Y E E
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DFL S ENEGV LQRHRLRYRVVND SFI SDWSTRNVFLAAR
GFLSS SSGEG HLLQGE LRJY PEQRD VLKWM PYWENWYLSNR
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EFLS HEVI NLIQRHLVAASLN PNT CYLNCVNNIYGEIR
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YY YWLN EMYMDIR

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EFVA NEGRSLQRYAWLHLKFTD CYVTSLWEKYIYAGR
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K I W N Q L Y S I T A S S S T K T H D G E V G I G S L T A G L P R D Q W R K T Y A E
E L Q R S L Q Q I L D L N D T P Q K G E E H L A A L T A G P R D L W A K I R N N
E L R V L L E T I I E D S E R S D A T K Q S I G C F T T E S K G V W K L A R R W
A L S A L F S D V V K K S P E K Q S H S V G I V S D K R D R W A E L Y K Q
E I E A R I R A V M L D V E E R G E R A F P I G V L S A D N R D C W A D N L E Y
E I Q A H L K Y I L S D N S P A P E F P L A Y L P S E N R D I W A E L R Q K
E L V L L Q R L R S L D K Y E S L G D G I A I L T H Q D R S L W A E N R G R
E L V D I L Q R H I I D E T D E D S I K N C I G S I T T Q D P L K N W K A G R L E
E L S L I L Q Q I I D E S N K V D A S I K N S I G S L T T Q T L K H W K L A R L E
D L S L I L Q Q I I D E S S E L D S V N N S I G S L T T Q T Y H V W K Q G R L E
E I E M
E L Q R S L Q Q I L D Q N D V P H E G E E H L S A L T A G S R D L W A R I R D S
Q L F A Q L L Q V V E M S K P G P G V G V L T T T E H R D V W A E F Q R
K L E A T F F A I I T Q V G D D A L W T G I L T T D E R N S W A M V R E K
R L E R I F Q T I L D T R I D E V D W L G V L T T A D R I S W A K T R H E
Q I L A E L K A I A A K E G N S R A A P L G I L T A N H R D S W A Q A Y E T
L K G L F A D I R S S E Q R A M P P V S V L T S K R D D W A V L R S Q
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D L E Y K I V S E M M N R N D K S T G F M S K I A S L T T D R R T E W S L N R Q K
Q L E Y V L G E L H K D V E D E L S A E S L P T L P R A E W A D V R T N
G L A R N F R I I M E Q S R R P A R V P L S A L T S L P R S K W A E I R D K
E L S I I F Q G I I N N S N T I D R V E N S I G S L T T Q S F S I W K I S R S E
E I Q R F S N Y F L
V I L S R L H A I V Q D A R N R A G Y A L E I G V L S T A D E R D R W A T N L R H
E L A E I I Q N I I N E S S A V D T V K N G V G A I I T D Q T Y H H W K S A R A E
Q L L E A A F S I L L K D K P D G V D W V G I L S S E N R K V W S G L R D T
A V V Q K S I E Y V L S I T P D A D N T T P V S V L T S A G N R Q T W A G A Y A E
K L K T T Y Q S I I D L N L E E K M W T G I L T T D N R D S W G T I R Q K
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H I Y K C M K Y I V E D I K V T T P D F P V S Y L T S E N R N T W A N A R E Q
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E I Q H Q Y D A I L K Q E I V P Q P V E R H L A V L T A G E R T H W A K T R R A
D I E A R L R S I V K D V Q E R A E K A V P V G V L S A V D R D T W A R N Q Q H
E I A S Q L L Y V L S D A P C L P A K P V P V G L T A E P R S T W A R D R E L
A L I Q K S I E Y V L S I T P D A D N T T P V S V L T A G S R E T W A G A Y A E
Q L A K I V A E L M G R D D K S A G F L R K I A S L T T D R R T E W C A N R Q K
V I R Q S L E E M V R S M E S G L T D E A P I G V L T S A N K N K W S W A R D V
A L M Q K S I E Y I L S I T P D S D N T T P V S V L T A G S R Q T W A S A Y A E
E I Y A R L R A I T E L N A A Y P A V D V S V L T S L E R T S W F A A R T D
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K L K N I F E G I I Q Q T P E E T N W T S L L T T A N R D E W A K A R D E
S D D R T D W A E A R Q L
L L Q K M L Q Y V V D D S A N E R E K P F S P A L L T T L G R D E W Q G C R S D
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Y K L E E I F Q I I I D L G A V K P P R K S I A G M T A D R R D S W A K M R K M
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E Q V Q A C L S I I L S E Q S N L K S E E C V G S L T S L E R D Q W A K A R S E
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A L E S Q L E W I V Q D A S Q V P E S E R L V P A L T A T D R S D W A R A R T E
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250 260 270 280

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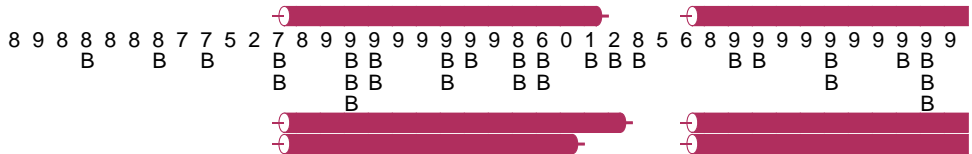
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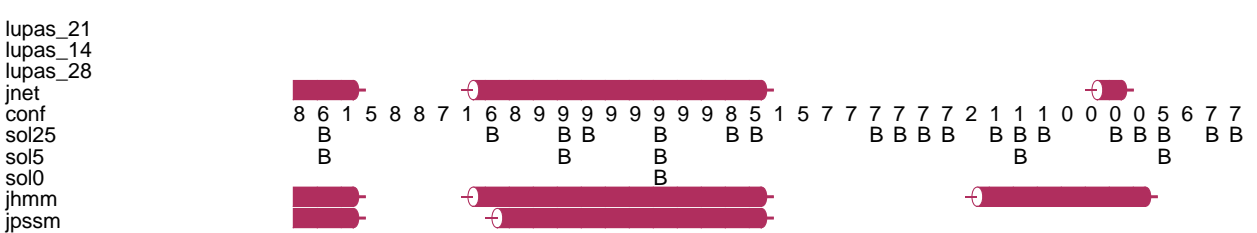
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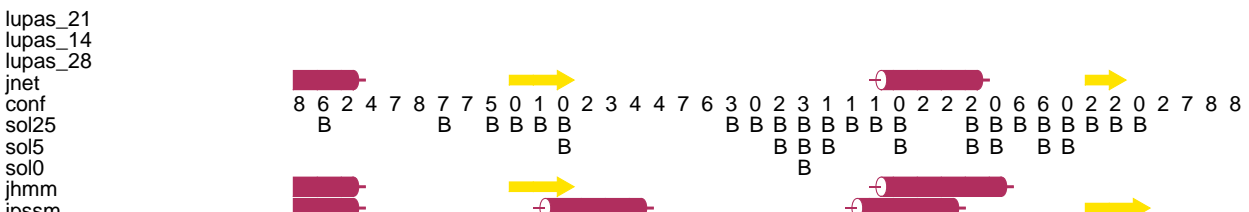
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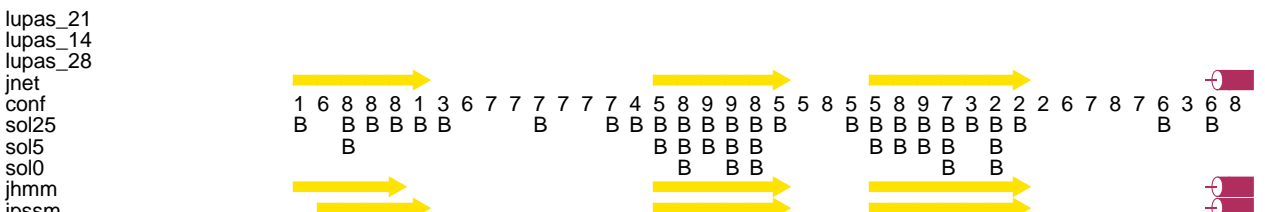


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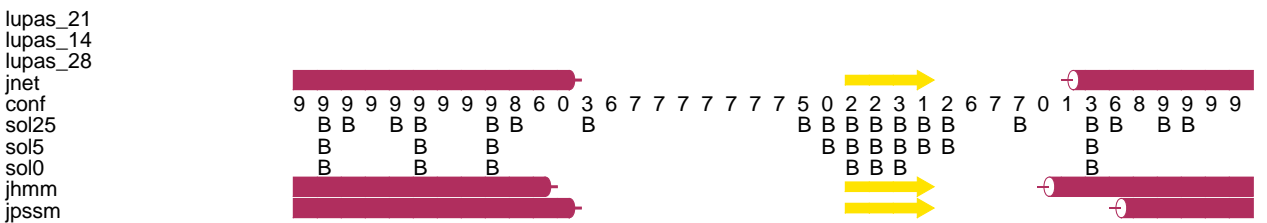
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UniRef90_S9UXQ9     L T K N A K N K E M L E K F H T A V L I V C L D S G K W S D H A S L A E S
UniRef90_J3Q1K3     L T D D P H N K D C L H L T D S A L F I V C L D G S S P R T A D A L C A T M E L
UniRef90_A5DVE4     L V K N G N K E A L D D V D H S M I C F T L D N Y A Y E D A G G C C S E T Y S
UniRef90_E4XNF9     L I G L G N E E T Y K L I D S A V F T L C L E D D Q P T D P N D V T R K F
UniRef90_K1Q9B9     L L K Q D S A N A R T Y D R L S R L V Y T V D L Q E Q Q L T D E
UniRef90_M2YDE3     V L A D A D N A A V H A R L T D A L F V L S L D D E A D E D T H L R E T G F R Y
UniRef90_H5UTA1     F V S N P R N A D L L Q E V D A A L F C V C L D S E E D G V Y D D S H Q E P
UniRef90_B4H3Y8     I N K N V D A E N L L I D S A L F V V C L D N T M N D T D P L I E A S H N F
UniRef90_B4H3Y8     L I A N G N Q E S F D L I D S A I F N L V L D E E I I G E D P V K A
UniRef90_A8DRZ8     L I S S S T N H S T F G T I K D S L F A L S L D H Y T Y
UniRef90_W4KBC9     L I S S S T N H S T F G T I K D S L F A L S L D H Y T Y
UniRef90_A0A034WC74
UniRef90_H2Z318
UniRef90_B8MHH0
UniRef90_E7FA20     L C V H P A N A K F L E T L E T A A F T L S L D D N E P I T Q S E
UniRef90_A8DS06     I L K A G G E A A S L E M M E S A I L A V S L D S P A P A D L A E M L N T I R L
UniRef90_J6EQ61     L E S L S E N R R S F Q L T D R S I M L I C L D E D D P K Q L N R S M K K Q Q Y
UniRef90_C8NBL6     L Q K R Y P N E L H Q I D S A L F V L V L D E S L E E T A N D D V N T A D I
UniRef90_GON1C0     L I S R G E N A A I W Q T V E K A L F V L S I D D S H I L D D E D A
UniRef90_UPI00036D1CCA L C Q Q S H N Q E L T Y D A L K D S L E C F A P Y H S G A E D V
UniRef90_W5L221     I L K G G G E A E S L G V M E G A I L A L S L D C P A P A D L A D I L N A V R L
UniRef90_Q98PE8     E F A S K Y P E Q A L D T L N S A I L A L S L D D V S P A D L A D I L N A V R L
UniRef90_G0UQZ6     L W S Q E P S R S A L A D I T S C A F G I A L D S Q S E F S Q S A L E N
UniRef90_M4KIX2     M I R D R D N A E T Y D Q L R D Q L F H V S L D S T R G S E E L L R R A Q C
UniRef90_W8BSZ7     L Q E I S K N R E T I R I E S S I V I A F D E N E P Q S Y E E
UniRef90_K4DM62     L W N E G T S K A A L D D I T S C S F S I C L D D E M D P
UniRef90_UPI000471E670 E F K S L T P K T Y Q D I L D S A F I V N L D D I T I E T N V Q A L R N S W M
UniRef90_G5E328     L I R D R L N R E S V R S L Q G S L L T V C L D A T A L K Y S E D L Y S S R T Q
UniRef90_Q4T4E4
UniRef90_D7WD27     I L D K G S N R A T Y E R L S D M L F T I D I Q D A A A D A P A T S D T E R
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UniRef90_P75448     D Q L W A Q D P E M L L D I Y N S A F I V N L D N V E L T T P L Q L
UniRef90_A8DS00     L V E D P Q N A K N L E L I D S P C S C S S W R M R S
UniRef90_F1L3T4     F F S N A I N R Q A L E I I E S A I T F G S I D F D L F S S I K G N P E L L D H
UniRef90_A8QEK7     F F E N A T N R A S L A L I E S A I F Y L I L D E S N Y N S D P V G L L L K M
UniRef90_U6IP87     L H A E G L N T R N L Q L L D S A I L T L V I S D E A S K D L S L
UniRef90_H1XWF9     L R K N C E N L Q N L E R L Q H V F V T L C L E P D L H P R T T E E A Y R
UniRef90_D1MY46     L L E K N K N K E S L K L M E S S I A T I I D K D C P S E Y H E A I D H V
UniRef90_W2T1S4     L I S N P K N K Y N I K S T I E S C F C L T L T D N L Y E T T S K
UniRef90_F9W977
UniRef90_S9UMK4     L V G E P S N A A T L Q L I H E A M L V V C L D S R S W G G H E K F A E A S A
UniRef90_D1MY47     L S L K N R E S L K F M E S I A T I I V E D E D C P S E Y H E A I N H V K F
UniRef90_B5VHF8     L Q K R Y P N E L H R I D S A L F V L V L D E S Q E E T N D G D D T A D I
UniRef90_H3G1E8     F F E I P K N K K A L R E I E S S I M A L S L D D D E M G Y D P K D L S R
UniRef90_G0V9A8     L Q K R Y P Q E L R L I D S A L F V L V L D E S T E Q A N E E N T K R L F I
UniRef90_H2RUH1     L L E Q G G D T A S L G M M E S A L L A L C L D E S N A P P E M A I L D A L K
UniRef90_A7RUR0     K C I S D N N I Y N L C V I R D S L F V V S L D P D S P R L A N E
UniRef90_UPI000359739E L V G E P S N A A T L Q L I H E A M L V V C L D S R S W G G H E K F A E A S A
UniRef90_G0WGL0     L Q K R Y P Q E L A L I D S A L F V L V L D E S V A V K D E D D N K R L F Y
UniRef90_A5EV55     L L S R T E N N Q I M K M V E N A W F L L S L D D A H F S E E E D A L L D
UniRef90_D2ZVX5     L Q Q H D D N T R L L E H I E Q D L F H I S I S S E D L D A D S D L A Q T T F Q
UniRef90_Q6FQ85     L Q K R Y P N E L H L I D S A L F V L V L D E S A P G S I Q A T S N T C K R
UniRef90_G8BY30     L E K R Y P N E L N L I D A A L F V L V L D D T S D D C K R L F Y G T S T I
UniRef90_I2H628     L T K R Y P N Q M K I I D S A L F I L V L D E S T Y T I Y N E S N E C K R L
UniRef90_B3PIM2     A R A C H E F S E A L N V L R S A D F I L C L D M D
UniRef90_G9ZH47     L N S R S E N A A I W Q S I E K S L F L L S L D D A H I I D D E D A

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