

| QUERY | 1 | 10 | 20 | 30 | 40 |
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| UniRef90_UPI00037720DC | M I E V A L F E P E I P P N T G N I I R R L C A N T T G C V L L H L L I E P P L M G G F F R P W | | | | |
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| UniRef90_Q7VP03 | M L D I V L F E P E I P P Q N S G N I I R L C A N C G F R L L H L L I E P P L M G G F F R P W | | | | |
| UniRef90_R7IDY2 | M L N V V L F E P E I P P Q N T G N I M R T L C A N T T G A V I G A F R L L H L L I E P P L M G G F F R P W | | | | |
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| UniRef90_UPI000255C34F | H I V L Y Q P L I P P N T G N I A R T C A G T N S G L L H L L I E P P L M G G F F R P W | | | | |
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| UniRef90_I0R7Y2 | M N I V L L E P E I P P A N T G N I G R S C V A N T R L L H L L I E P P L M G G F F R P W | | | | |

QUERY UniRef90_M9LQ24 UniRef90_A0A023VZ26 UniRef90_U3BH26 UniRef90_E6QUH3 UniRef90_N8ZUD9 UniRef90_A0A031MD24 UniRef90_R6IAN1 UniRef90_W0V8J0 UniRef90_F3L2E1 UniRef90_D5WTD1 UniRef90_W8ZPL0 UniRef90_R5PIP1 UniRef90_F5RF45 UniRef90_G0A5U6 UniRef90_Q0VM79 UniRef90_K5YR64 UniRef90_UPI000378F6F5 UniRef90_B1XS87 UniRef90_UPI000367D1B3 UniRef90_Q47IF8 UniRef90_F8FCA3 UniRef90_Q3AD16 UniRef90_UPI0003B769DB UniRef90_F4H9W5 UniRef90_K2BMZ2 UniRef90_D5VC54 UniRef90_G0JSF4 UniRef90_C4ZPA0 UniRef90_UPI00047B4FEA UniRef90_UPI0003646FB2 UniRef90_UPI00037720DC UniRef90_V8CVE9 UniRef90_UPI00035DE777 UniRef90_R6NMB6 UniRef90_UPI00046589CC UniRef90_K1JYP3 UniRef90_A4J6Y9 UniRef90_UPI00047AF04D UniRef90_UPI000463F82A UniRef90_H0PXZ0 UniRef90_A1U394 UniRef90_Q7VP03 UniRef90_R7IDY2 UniRef90_W0SBD7 UniRef90_UPI000378F7BD UniRef90_F4XD00 UniRef90_S6GLV0 UniRef90_D7BNZ4 UniRef90_W1RUJ2 UniRef90_Q12E50 UniRef90_UPI00036653FE UniRef90_M1UDM0 UniRef90_UPI000477806B UniRef90_UPI0004762B3B UniRef90_A4C8N8 UniRef90_UPI0003645699 UniRef90_G2E1K3 UniRef90_R6JWB2 UniRef90_UPI00036031F0 UniRef90_D7CTZ4 UniRef90_H1HWE6 UniRef90_E6PTP5 UniRef90_UPI00041E206C UniRef90_Q606P1 UniRef90_H8YZG0 UniRef90_G4QJ18 UniRef90_UPI0003646D1E UniRef90_F4H125 UniRef90_R5WU31 UniRef90_UPI00047C8B45 UniRef90_E8UD94 UniRef90_UPI0003B32D11 UniRef90_W7QVM3 UniRef90_L7ZA02 UniRef90_Q1D7V2 UniRef90_E3HLN4 UniRef90_UPI0000E0EE75 UniRef90_UPI0004187FEA UniRef90_G8M394 UniRef90_R5XJF6 UniRef90_UPI0003B5AB03 UniRef90_U7KRS0 UniRef90_K2HH94 UniRef90_D9SF17 UniRef90_UPI000464C2E7 UniRef90_R7GGG6 UniRef90_UPI000255C34F UniRef90_C7MXG4 UniRef90_H1FZY9 UniRef90_UPI000422F812 UniRef90_I0R7Y2

50 60 70 80

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

QUERY UniRef90_M9LQ24 UniRef90_A0A023V2Z6 UniRef90_U3BH26 UniRef90_E6QUH3 UniRef90_N8ZUD9 UniRef90_A0A031MD24 UniRef90_R6IAN1 UniRef90_W0V8J0 UniRef90_F3L2E1 UniRef90_D5WTD1 UniRef90_W8ZPL0 UniRef90_R5PIP1 UniRef90_F5RF45 UniRef90_G0A5U6 UniRef90_Q0VM79 UniRef90_K5YR64 UniRef90_UPI000378F6F5 UniRef90_B1XS87 UniRef90_UPI000367D1B3 UniRef90_Q47IF8 UniRef90_F8FCA3 UniRef90_Q3AD16 UniRef90_UPI0003B769DB UniRef90_F4H9W5 UniRef90_K2BMZ2 UniRef90_D5VC54 UniRef90_G0JSF4 UniRef90_C4ZPA0 UniRef90_UPI00047B4FEA UniRef90_UPI0003646FB2 UniRef90_UPI00037720DC UniRef90_V8CVE9 UniRef90_UPI00035DE777 UniRef90_R6NMB6 UniRef90_UPI00046589CC UniRef90_K1JYP3 UniRef90_A4J6Y9 UniRef90_UPI00047AF04D UniRef90_UPI000463F82A UniRef90_H0PXZ0 UniRef90_A1U394 UniRef90_Q7VP03 UniRef90_R7IDY2 UniRef90_W0SBD7 UniRef90_UPI000378F7BD UniRef90_F4XD00 UniRef90_S6GLV0 UniRef90_D7BNZ4 UniRef90_W1RUJ2 UniRef90_Q12E50 UniRef90_UPI00036653FE UniRef90_M1UDM0 UniRef90_UPI000477806B UniRef90_UPI0004762B3B UniRef90_A4C8N8 UniRef90_UPI0003645699 UniRef90_G2E1K3 UniRef90_R6JWB2 UniRef90_UPI00036031F0 UniRef90_D7CTZ4 UniRef90_H1HWE6 UniRef90_E6PTP5 UniRef90_UPI00041E206C UniRef90_Q606P1 UniRef90_H8YZG0 UniRef90_G4QJ8 UniRef90_UPI0003646D1E UniRef90_F4H125 UniRef90_R5WU31 UniRef90_UPI00047C8B45 UniRef90_E8UD94 UniRef90_UPI0003B32D11 UniRef90_W7QVM3 UniRef90_L7ZA02 UniRef90_Q1D7V2 UniRef90_E3HLN4 UniRef90_UPI0000E0EE75 UniRef90_UPI0004187FEA UniRef90_G8M394 UniRef90_R5XJF6 UniRef90_UPI0003B5AB03 UniRef90_U7KRS0 UniRef90_K2HH94 UniRef90_D9SF17 UniRef90_UPI000464C2E7 UniRef90_R7GGG6 UniRef90_UPI000255C34F UniRef90_C7MXG4 UniRef90_H1FZY9 UniRef90_UPI000422F812 UniRef90_I0R7Y2

90 100 110 120

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