



tdTomato Sequence

AA#

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atggtgagcaagggcgaggaggtcatcaaagagttcatgcgcttcaaggtgcatggag
1  M V S K G E E V I K E F M R F K V R M E

ggctccatgaacggccacgagttcgagatcgagggcgagggcgagggcgcccctacgag
20  G S M N G H E F E I E G E G E G R P Y E

ggcaccagaccgccaagctgaaggtgaccaagggcgccccctgcccttcgcctgggac
40  G T Q T A K L K V T K G G P L P F A W D

atcctgtccccccagttcatgtacggctccaaggcgtagctgaagcaccgcccgcacatc
60  I L S P Q F M Y G S K A Y V K H P A D I

cccgattacaagaagctgtccttccccgagggccttcaagtgggagcgcgtagtaacttc
80  P D Y K K L S F P E G F K W E R V M N F

gaggacggcgggtctggtgaccgtgaccaggactcctccctgcaggacggcacgctgac
100 E D G G L V T V T Q D S S L Q D G T L I

tacaaggtgaagatgcgcggcaccaacttccccccgacggccccgtaatgcagaagaag
120 Y K V K M R G T N F P P D G P V M Q K K

accatgggctgggaggcctccaccgagcgctgtacccccgcgacggcgtagctgaagggc
140 T M G W E A S T E R L Y P R D G V L K G

gagatccaccaggccctgaagctgaaggacggcgccactacctggtggagttcaagacc
160 E I H Q A L K L K D G G H Y L V E F K T

atctacatggccaagaagcccgtagcaactgcccggtactactacgtggacaccaagctg
180 I Y M A K K P V Q L P G Y Y Y V D T K L

gacatcacctcccacaacgaggactacaccatcgtggaacagtacgagcgctccgagggc
200 D I T S H N E D Y T I V E Q Y E R S E G

cgccaccacctgttcctggggcatggcaccggcgagcaccggcgagcgctccggcacc
220 R H H L F L G H G T G S T G S G S S G T

gcctcctccgaggacaacaacatggccgtcatcaaagagttcatgcgcttcaaggtgcg
240 A S S E D N N M A V I K E F M R F K V R

atggagggctccatgaacggccacgagttcgagatcgagggcgagggcgagggcgcccc
260 M E G S M N G H E F E I E G E G E G R P
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tacgagggcaccagaccgccaagctgaaggtgaccaagggcgccccctgcccttcgcc
280 Y E G T Q T A K L K V T K G G P L P F A

tgggacatcctgtccccccagttcatgtacggctccaaggcgtagtgaagcaccgcc
300 W D I L S P Q F M Y G S K A Y V K H P A

gacatccccgattacaagaagctgtccttccccgagggcttcaagtgggagcgcgtagt
320 D I P D Y K K L S F P E G F K W E R V M

aacttcgaggacggcggtctggtgaccgtgaccaggactcctccctgcaggacggcacg
340 N F E D G G L V T V T Q D S S L Q D G T

ctgatctacaaggtgaagatgcgcggcaccaacttccccccgacggccccgtaatgcag
360 L I Y K V K M R G T N F P P D G P V M Q

aagaagaccatgggctgggaggcctccaccgagcgcctgtacccccgcgacggcgtgctg
380 K K T M G W E A S T E R L Y P R D G V L

aaggcgagatccaccaggccctgaagctgaaggacggcgccactacctggtggagttc
400 K G E I H Q A L K L K D G G H Y L V E F

aagaccatctacatggccaagaagcccgtagcaactgcccggctactactacgtggacacc
420 K T I Y M A K K P V Q L P G Y Y Y V D T

aagctggacatcacctcccacaacgaggactacaccatcgtggaacagtacgagcgtcc
440 K L D I T S H N E D Y T I V E Q Y E R S

gagggccgccaccacctgttcctgtacggcatggacgagctgtacaagtaa
460 E G R H H L F L Y G M D E L Y K -