



tdTomato Sequence

AA#

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

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

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

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

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

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

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

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

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

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

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

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

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

atggagggctccatgaacggccacgagttcgagatcgagggcgagggcgagggccgcccc
260 M E G S M N G H E F E I E G E G E G R P

tacgagggcaccagaccgccaagctgaaggtgaccaagggcggccccctgcccttcgcc
280 Y E G T Q T A K L K V T K G G P L P F A

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

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

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

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

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

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

aagaccatctacatggccaagaagcccgtgcaactgcccggctactactacgtggacacc
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 -