

Ubi-mCherry.cpb

7710 7720 7730 7740 7750 7760 7770
CCATCGGGTACCGATGGTGAAGGGCGAGGAGGATAACATGGCCATCATCAAGGAGTTTCATGCGCTTC
M V S K G E E D N M A I I K E F M R F >

7780 7790 7800 7810 7820 7830 7840
AAGGTGCACATGGAGGGCTCCGTGAACGGCCACGAGTTCGAGATCGAGGGCGAGGGCGAGGGCCGCCCT
K V H M E G S V N G H E F E I E G E G E G R P >

7850 7860 7870 7880 7890 7900 7910
ACGAGGGCACCCAGACCGCCAAGCTGAAGGTGACCAAGGGTGGCCCCCTGCCCTTCGCCTGGGACATCCT
Y E G T Q T A K L K V T K G G P L P F A W D I L >

7920 7930 7940 7950 7960 7970 7980
GTCCCCCTCAGTTCATGTACGGCTCCAAGGCCTACGTGAAGCACCCCGCCGACATCCCCGACTACTTGAAG
S P Q F M Y G S K A Y V K H P A D I P D Y L K >

7990 8000 8010 8020 8030 8040 8050
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L S F P E G F K W E R V M N F E D G G V V T V >

8060 8070 8080 8090 8100 8110 8120
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T Q D S S L Q D G E F I Y K V K L R G T N F P S >

8130 8140 8150 8160 8170 8180 8190
CGACGGCCCCGTAATGCAGAAGAAGACCATGGGCTGGGAGGCCTCCTCCGAGCGGATGTACCCCCGAGGAC
D G P V M Q K K T M G W E A S S E R M Y P E D >

8200 8210 8220 8230 8240 8250 8260
GGCGCCCTGAAGGGCGAGATCAAGCAGAGGCTGAAGCTGAAGGACGGCGGCCACTACGACGCTGAGGTCA
G A L K G E I K Q R L K L K D G G H Y D A E V >

8270 8280 8290 8300 8310 8320 8330
AGACCACCTACAAGGCCAAGAAGCCCCTGCAGCTGCCCGCGCCTACAACGTCAACATCAAGTTGGACAT
K T T Y K A K K P V Q L P G A Y N V N I K L D I >

8340 8350 8360 8370 8380 8390 8400
CACCTCCCACAACGAGGACTACACCATCGTGGAACAGTACGAACGCGCCGAGGGCCGCCACTCCACCGGC
T S H N E D Y T I V E Q Y E R A E G R H S T G >

8410 8420 8430 8440 8450 8460 8470
GGCATGGACGAGCTGTACAAAGCTTCGGAATGCAGATGGACTGTGCTTTGGATCTGATGCGGAGGCTGC
G M D E L Y K A S E M Q M D C A L D L M R R L >

8480 8490 8500 8510 8520 8530 8540
CGCCCCAGCAGATCGAGAAGAACCTTATTGATCTGATAGACTTGGCACCGGATCTCTGCGAGGACTTGCT
P P Q Q I E K N L I D L I D L A P D L C E D L L >

8550 8560 8570 8580 8590 8600 8610
CTCCTCCGTGGACCAGCCGCTGAAGATCGCCAAGGACAAGGAGCACGGCAAGGACTATCTGCTGTGCGAC
S S V D Q P L K I A K D K E H G K D Y L L C D >

8620 8630 8640 8650 8660 8670 8680
TATAACCGGGATGGGGACTCCTACAGATCGCCCTGGTTCGAACCTCCTACTATCCGCCGCTGGAGGATGGCC
Y N R D G D S Y R S P W S N S Y Y P P L E D G >

8690 8700 8710 8720 8730 8740 8750
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Q M P S E R L R K L E I E A N Y A F D Q Y R E M >

8760 8770 8780 8790 8800 8810 8820

GTACTACGAGGGAGGCGTCTCCTCCGTCTACCTATGGGATCTGGATCACGGGTTTGCCGCCGTTATACTG
Y Y E G G V S S V Y L W D L D H G F A A V I L>

8830 8840 8850 8860 8870 8880 8890
ATCAAAAAGGCGGGAGATGGCAGCAAGATGATCCGCGGCTGCTGGGACTCCATCCATGTGGTTCGAGGTAC
I K K A G D G S K M I R G C W D S I H V V E V>

8900 8910 8920 8930 8940 8950 8960
AGGAGAAGACCACCGGCAGGACGGCCCACTACAAGCTCACCTCCACGGCAATGCTCTGGCTGCAGACCAA
Q E K T T G R T A H Y K L T S T A M L W L Q T N>

8970 8980 8990 9000 9010 9020 9030
CAAACAGGGTTTCGGGAACCATGAATCTGGGCGGATCCCTCACCCGGCAGCAGGAGCAGGACGCCAACGTC
K Q G S G T M N L G G S L T R Q Q E Q D A N V>

9040 9050 9060 9070 9080 9090 9100
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S E S S P H I A N I G K M V E E M E N K I R N>

9110 9120 9130 9140 9150 9160 9170
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T L N E I Y F G K T K D I V N G L R S T Q S L A>

9180 9190 9200 9210 9220 9230 9240
CGATCAGCGCCAGCAGGCGGCCATGAAGCAGGACCTCGCAGCGGCAATCCTGCGACGCAATGTCAAGCCC
D Q R Q Q A A M K Q D L A A A I L R R N V K P>

9250 9260 9270 9280 9290 9300 9310
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E S N *>

9320 9330 9340 9350 9360 9370 9380
AAATGTTTTAAAAATAATTGAGTCGTTTAAATGTGTAACTAAGCTGGAGAGCTGTTTGAACAAATTTATA