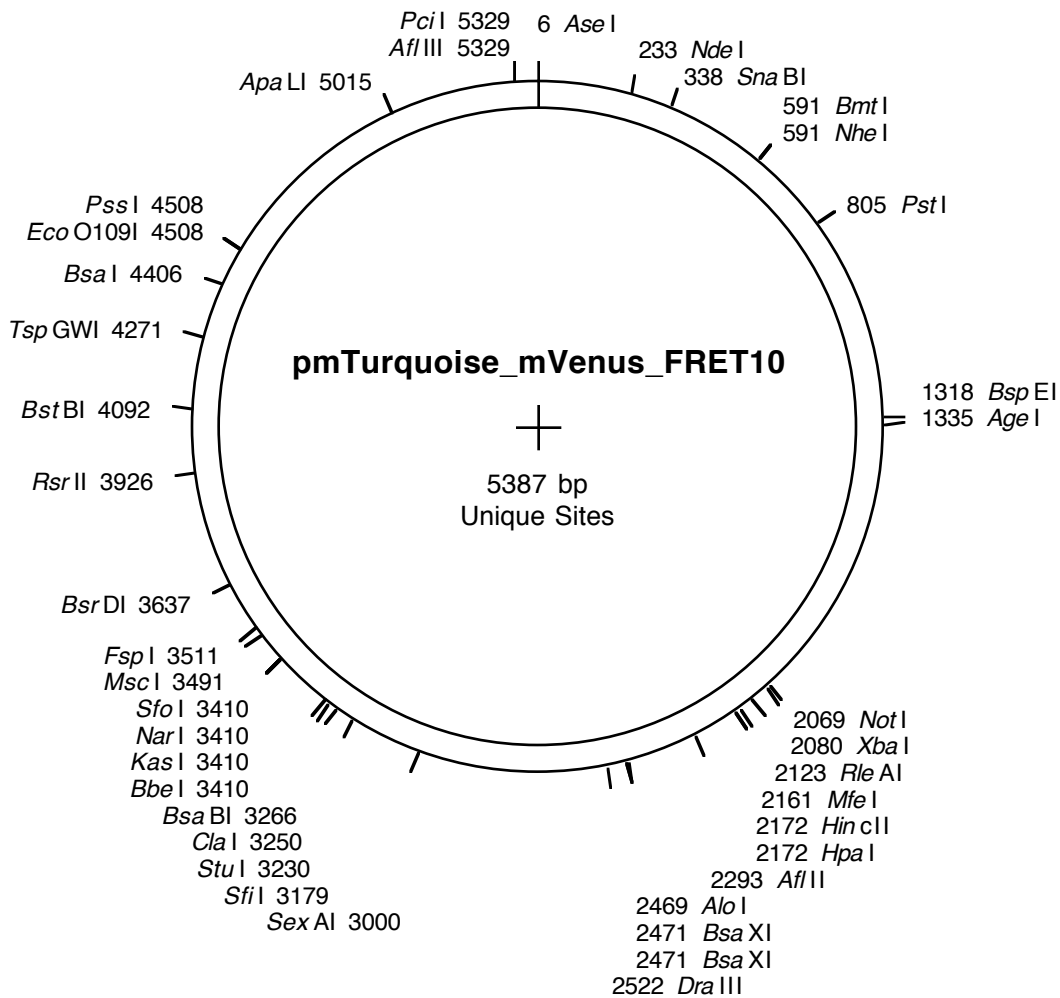


pmTurquoise_mVenus_FRET10 -> Graphic Map

DNA sequence 5387 bp TAGTTATTAATA ... ACCGCCATGCAT circular

mTurquoise-mVenus-FRET10 from M. Davidson. mVenus ATG 601; 10 AA linker
1318, SGLRSPPVAT; mTurquoise start 1348; stop 2067.
Kan/neo resistance



pmTurquoise_mVenus_FRET10 [601 to 2067] -> Translate • 1-frame

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601/1	631/11
ATG GTG AGC AAG GGC GAG GAG CTG TTC ACC	GGG GTG GTG CCC ATC CTG GTC GAG CTG GAC
M V S K G E E L F T	G V V P I L V E L D
661/21	691/31
GGC GAC GTA AAC GGC CAC AAG TTC AGC GTG	TCC GGC GAG GGC GAG GGC GAT GCC ACC TAC
G D V N G H K F S V	S G E G E G D A T Y
721/41	751/51
GGC AAG CTG ACC CTG AAG CTG ATC TGC ACC	ACC GGC AAG CTG CCC GTG CCC TGG CCC ACC
G K L T L K L I C T	T G K L P V P W P T
781/61	811/71
CTC GTG ACC ACC CTG GGC TAC GGC CTG CAG	TGC TTC GCC CGC TAC CCC GAC CAC ATG AAG
L V T T L G Y G L Q	C F A R Y P D H M K
841/81	871/91
CAG CAC GAC TTC TTC AAG TCC GCC ATG CCC	GAA GGC TAC GTC CAG GAG CGC ACC ATC TTC
Q H D F F K S A M P	E G Y V Q E R T I F
901/101	931/111
TTC AAG GAC GAC GGC AAC TAC AAG ACC CGC	GCC GAG GTG AAG TTC GAG GGC GAC ACC CTG
F K D D G N Y K T R	A E V K F E G D T L
961/121	991/131
GTG AAC CGC ATC GAG CTG AAG GGC ATC GAC	TTC AAG GAG GAC GGC AAC ATC CTG GGG CAC
V N R I E L K G I D	F K E D G N I L G H
1021/141	1051/151
AAG CTG GAG TAC AAC TAC AAC AGC CAC AAC	GTC TAT ATC ACC GCC GAC AAG CAG AAG AAC
K L E Y N Y N S H N	V Y I T A D K Q K N
1081/161	1111/171
GGC ATC AAG GCC AAC TTC AAG ATC CGC CAC	AAC ATC GAG GAC GGC GGC GTG CAG CTC GCC
G I K A N F K I R H	N I E D G G V Q L A
1141/181	1171/191
GAC CAC TAC CAG CAG AAC ACC CCC ATC GGC	GAC GGC CCC GTG CTG CTG CCC GAC AAC CAC
D H Y Q Q N T P I G	D G P V L L P D N H
1201/201	1231/211
TAC CTG AGC TAC CAG TCC AAG CTG AGC AAA	GAC CCC AAC GAG AAG CGC GAT CAC ATG GTC
Y L S Y Q S K L S K	D P N E K R D H M V

1261/221 1291/231
 | |
 CTG CTG GAG TTC GTG ACC GCC GCC GGG ATC ACT CTC GGC ATG GAC GAG CTG TAC AAG TCC
 L L E F V T A A G I T L G M D E L Y K S

1321/241 1351/251
 | |
 GGA CTC AGA TCC CCA CCG GTC GCC ACC ATG GTG AGC AAG GGC GAG GAG CTG TTC ACC GGG
 G L R S P P V A T M V S K G E E L F T G

1381/261 1411/271
 | |
 GTG GTG CCC ATC CTG GTC GAG CTG GAC GGC GAC GTA AAC GGC CAC AAG TTC AGC GTG TCC
 V V P I L V E L D G D V N G H K F S V S

1441/281 1471/291
 | |
 GGC GAG GGC GAG GGC GAT GCC ACC TAC GGC AAG CTG ACC CTG AAG TTC ATC TGC ACC ACC
 G E G E G D A T Y G K L T L K F I C T T

1501/301 1531/311
 | |
 GGC AAG CTG CCC GTG CCC TGG CCC ACC CTC GTG ACC ACC CTG TCC TGG GGC GTG CAG TGC
 G K L P V P W P T L V T T L S W G V Q C

1561/321 1591/331
 | |
 TTC GCC CGC TAC CCC GAC CAC ATG AAG CAG CAC GAC TTC TTC AAG TCC GCC ATG CCC GAA
 F A R Y P D H M K Q H D F F K S A M P E

1621/341 1651/351
 | |
 GGC TAC GTC CAG GAG CGC ACC ATC TTC TTC AAG GAC GAC GGC AAC TAC AAG ACC CGC GCC
 G Y V Q E R T I F F K D D G N Y K T R A

1681/361 1711/371
 | |
 GAG GTG AAG TTC GAG GGC GAC ACC CTG GTG AAC CGC ATC GAG CTG AAG GGC ATC GAC TTC
 E V K F E G D T L V N R I E L K G I D F

1741/381 1771/391
 | |
 AAG GAG GAC GGC AAC ATC CTG GGG CAC AAG CTG GAG TAC AAC TAC ATC AGC GAC AAC GTC
 K E D G N I L G H K L E Y N Y I S D N V

1801/401 1831/411
 | |
 TAT ATC ACC GCC GAC AAG CAG AAG AAC GGC ATC AAG GCC AAC TTC AAG ATC CGC CAC AAC
 Y I T A D K Q K N G I K A N F K I R H N

1861/421 1891/431
 | |
 ATC GAG GAC GGC GGC GTG CAG CTC GCC GAC CAC TAC CAG CAG AAC ACC CCC ATC GGC GAC
 I E D G G V Q L A D H Y Q Q N T P I G D

1921/441 1951/451
 | |
 GGC CCC GTG CTG CTG CCC GAC AAC CAC TAC CTG AGC ACC CAG TCC AAG CTG AGC AAA GAC
 G P V L L P D N H Y L S T Q S K L S K D

1981/461 2011/471
 | |
 CCC AAC GAG AAG CGC GAT CAC ATG GTC CTG CTG GAG TTC GTG ACC GCC GCC GGG ATC ACT
 P N E K R D H M V L L E F V T A A G I T

2041/481

|
CTC GGC ATG GAC GAG CTG TAC AAG TAA
L G M D E L Y K *

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