

+T7 promoter *Agrobacterium tumefaciens* bacteriophytochrome fragments to be assembled via Gibson

Name - Agro_T7_A

gBlocks Gene Fragments 500 bases

5' - CCT TAG CTT TCG CTA AGG ATG ATT TCT GGA ATT CGC GGC CGC TTC TAG AGT AAT ACG ACT CAC TAT
AGG GAA TAC AAG CTA CTT GTT CTT TTT GCA CTT TAA GAA GGA GAT ATA CAT AAT GAG TTC ACA TAC
GCC GAA ACT GGA TAG TTG CGG CGC AGA GCC CAT CCA CAT TCC CGG TGC TAT TCA GGA ACA TGG AGC
CCT TCT GGT TCT GTC CGC GCG GGA ATT TTC CGT GGT GCA GGC GAG CGA TAA TCT CGC CAA CTA TAT
TGG TGT GGA CCT GCC AAT CGG GGC CGT TGC CAC CGA AGC AAA CTT GCC GTT CAT CTC CGT ACT GTC
CGC CTG GTA TTC CGG CGA GGA GAG CAA TTT CCG ATA TGC CTG GGC CGA AAA GAA ACT CGA TGT TTC
GGC GCA TCG ATC CGG GAC CTT GGT TAT TCT TGA GGT GGA AAA GGC AGG AGT GGG CGA ATC CGC TGA
AAA GCT GAT GGG CGA ACT CAC CAG TCT GGC GAA ATA TC - 3'

Properties

Length: 500
Amount Delivered: 200ng
GC Content: 51.40%
Molecular Weight: 308832.2
fmoles/ng: 3.24
 $\mu\text{g}/\text{OD}_{260}$: 50

Name - Agro_B

gBlocks Gene Fragments 500 bases

5' - TGG GCG AAC TCA CCA GTC TGG CGA AAT ATC TGA ACA GTG CGC CGT CTC TGG AGG ACG CGC TTT
TTC GGA CAG CGC AAC TGG TGT CTT CTA TCA GCG GTC ATG ACC GTA CAC TGA TCT ATG ATT TCG GAC
TGG ACT GGT CTG GTC ATG TTG TGG CGG AAG CGG GAT CTG GTG CTT TGC CGT CTT ATC TCG GTC TTC GCT
TTC CTG CGG GTG ACA TCC CTC CGC AAG CGC GGC AAC TCT ATA CAA TCA ATC GCC TGC GGA TGA TTC
CTG ATG TTG ATT ATA AGC CTG TTC CGA TCA GAC CGG AGG TTA ATG CGG AAA CAG GAG CGG TTC TCG
ATA TGA GCT TTT CTC AAC TTC GCT CTG TAT CTC CGG TTC ATC TCG AAT ATA TGC GCA ATA TGG GTA CTG
CCG CTT CTA TGT CTG TTA GCA TCG TTG TTA ATG GTG CTC TCT GGG GCT TGA TTG CCT GTC ACC ACG CGA
CAC CTC ATT CTG TAT CAT TAG CAG TTC GTG AA - 3'

Properties

Length: 500
Amount Delivered: 200ng
GC Content: 51.20%
Molecular Weight: 308831.2
fmoles/ng: 3.24
 $\mu\text{g}/\text{OD}_{260}$: 50

Name - Agro_C

gBlocks Gene Fragments 500 bases

5' - CCT CAT TCT GTA TCA TTA GCA GTT CGT GAA GCC TGT GAT TTT GCA GCG CAG CTC CTG TCG ATG CGG
ATC GCG ATG GAG CAG AGT TCC CAG GAT GCA TCC CGC CGG GTG GAG CTT GGC CAC ATT CAG GCG CGG
CTC TTG AAA GGC ATG GCC GCC GCC GAA AAA TGG GTT GAT GGC CTG CTG GGA GGC GAA GGT GAA
AGA GAA GAC CTG CTG AAA CAG GTG GGC GCG GAT GGC GCA GCA CTT GTC CTG GGC GAC GAC TAT
GAG CTG GTC GGC AAC ACG CCC TCA CGC GAG CAG GTT GAA GAA TTG ATT CTG TGG CTT GGC GAG CGG
GAG ATC GCC GAT GTC TTC GCG ACC GAC AAT CTT GCT GGT AAC TAC CCC ACC GCC GCG GCT TAT GCT
TCC GTT GCG AGC GGC ATT ATC GCG ATG CGG GTT TCG GAG TTG CAC GGC AGC TGG CTC ATC TGG TTT
CGG CCG GAA GTC ATA AAA ACA GTT CGT TGG GGT GGT GAT CCT CA - 3'

Properties

Length: 500
Amount Delivered: 200ng
GC Content: 58.60%
Molecular Weight: 308867.8
fmoles/ng: 3.24
 $\mu\text{g}/\text{OD}_{260}$: 50

Name - Agro_D

gBlocks Gene Fragments 500 bases

5' - AAA AAC AGT TCG TTG GGG TGG TGA TCC TCA CAA GAC GGT TCA GGA GTC TGG TCG TAT TCA TCC
TCG TAA GTC CTT TGA AAT CTG GAA GGA ACA ATT GCG TAA CAC CTC CTT TCC TTG GTC AGA GCC TGA
ACT TGC AGC AGC GCG TGA ACT TCG TGG TGC AAT CAT CGG TAT TGT CCT GCG TAA GAC AGA GGA AAT
GGC AGA TCT GAC ACG TGA GTT GCA GCG TAC CAA TAA AGA GCT GGA AGC TTT TTC CTA TTC CGT TTC
TCA TGA TCT GCG TGC TCC GTT CCG TCA TAT TGT CGG GTT TGC ACA GTT GTT GCG TGA GCG TTC CGA TGC
CCT GGA TGA GAA GTC CCT GCA TTA TCT ACA GAT GAT ATC AGA GGC AGC GCT GGG TGC AGG CAG GTT
GGT GGA TGA TCT CCT GAA TTT TTC ACA GCT TGG TCG AAC GCA ACT CAC CCT GAA ACC TGT TGA TAT
GCA AAA AGT TGT GTC TGA AGT TCG TCG TTC CCT GTC AC - 3'

Properties

Length: 500
Amount Delivered: 200ng
GC Content: 49.00%
Molecular Weight: 308820.4
fmoles/ng: 3.24
 $\mu\text{g}/\text{OD}_{260}$: 50

Name - Agro_E

gBlocks Gene Fragments 490 bases

5' - TTG TGT CTG AAG TTC GTC GTT CCC TGT CAC ACG CGG TTT CCG ATC GCC AGA TCG AGT GGC GCA TCG
GAG CGT TGC CGG TGA TAT TCG GGG ATC CGA CCC TGC TGC GGC AGG TCT GGT ACA ATC TCA TTG AAA
ACG CCA TCA AAT ATT CGT CCC GGG AGC CGG TGT CGA TCA TCA CCA TTT CTG CGG TTG AAA CCG AGG
ATG ACG TCA CTT ATT CGG TCG AAG ACA ATG GTG TCG GCT TTG ACA TGG CCT ATT ACA ACA AAC TTT
TTG GCG TGT TTC AGA GGC TAC AGC GGG TGG AGG ATT TCG AGG GAA CTG GCA TTG GAC TTG CGC TGG
TGC GAC GAA TTG TCG AAC GCC ATC ACG GTT TGG TTG GTG CCG AGG GAA CTG TCG GTG AGG GAG CCA
CGT TCT CCT TCA CAT TGC CGG TTA CGA AAG TGG AAG AAG AAA AAA TTG CGT AAT AAT ACT AGT AGC
GGC CGC TGC AGT CCG GCA AAA AAG GGC A - 3'

Properties

Length: 490
Amount Delivered: 200ng
GC Content: 53.06%
Molecular Weight: 302661.1
fmoles/ng: 3.30
 $\mu\text{g}/\text{OD}_{260}$: 50
