

File S3

DNA sequence of transgenesis plasmids used to generate reporter lines.

pAttBRfB2-ppo6Tom: Plasmid used to generate PPO6-tdTomato line

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LOCUS       attBRfB2PPO6_Tom              7852 bp    DNA    circular
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     misc_feature   4057..4078
                     /note="attB4"
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                     /note="sv40 terminator"
     gene           6179..6895
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                     /note="SV40 term sequences"
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                     /note="attB3"
     misc_feature   2516..2537
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                     /note="3xP3 binding site"

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121  GGAAGAGTAT  GAGTATTCAA  CATTTCCTGT  TCGCCCTTAT  TCCCTTTTTT  GCGGCATTTT
181  GCGTTCCTGT  TTTTGCTCAC  CCAGAAACGC  TGGTGAAAGT  AAAAGATGCT  GAAGATCAGT
241  TGGGTGCACG  AGTGGGTTAC  ATCGAACTGG  ATCTCAACAG  CGGTAAGATC  CTTGAGAGTT
301  TTCGCCCGCA  AGAACGTTTT  CCAATGATGA  GCACTTTTAA  AGTTCGTGCT  TGTGGCGCGG
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421  ATGACTTGGT  TGAGTACTCA  CCAGTCACAG  AAAAGCATCT  TACGGATGGC  ATGACAGTAA
481  GAGAATTATG  CAGTGTGCC  ATAACCATGA  GTGATAACAC  TCGGCCAAC  TTACTTCTGA
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601  ACTCGCCTTN  GATCGTTGGG  AACC GGAGCT  GAATGAAGCC  ATACCAACG  ACGAGCGTGA
661  CACCAGATG  CCTGTAGCAA  TGGCAACAAC  GTTGCGCAA  CTATTAACGT  GCGAACTACT
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1681  CGGTTTTCGC  CACCTCTGAC  TTGAGCGTGC  ATTTTGTGTA  TGCTCGTCAG  GGGGGCGGAG
1741  CCTATGGAAT  AACGCCAGCA  ACGCGGCCTT  TTTACGGTTC  CTGGCCTTTT  GCTGGCCTTT
1801  TGCTCACATG  TTCTTTCCTG  CGTTATCCCC  TGATTCTGTG  GATAACCGTA  TTACCGCCTT
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1921  GGAAGCGGAA  GAGCGCCCAA  TACGCAAACC  GCCTCTCCCC  CCGCGTTGGC  CGATTTCATTA
1981  ATGCAGCTGG  CACGACAGGT  TTCCCGACTG  GAAAGCGGGC  AGTGAGCGCA  ACGCAATTAA
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2281 CGCCGTCGCA CGTCCCGTGC TCACCGTGAC CACCGCGCCC AGCGGTTTCG AGGGCGAGGG
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pAttBrfB2-VgGFP: Plasmid used to generate Vg-GFP line

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  misc_feature       4279..4300
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301 TTCGCCCCGA AGAACGTTTT CCAATGATGA GCACTTTTTA AGTCTGTGTA TGTGGCGCGG
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5221 TCGAATFTCT TAGATCATAA TCAGCCATAC CACATTTGTA GAGGTTTTAC TTGCTTTAAA
5281 AAACCTCCCA CACCTCCCC TGAACCTGAA ACATAAAATG AATGCAATTG TTGTTGTATA
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5461 GGGCGAATTC CTGCAGCCCA CTTCCGGTAT CTCGCGTTTG TTTGATCGCA CGGTTCCAC
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6001 CAGTACGGCT CCAAGGTGTA CGTGAAGCAC CCCCGGACA TCCCGACTA CAAGAAGCTG
6061 TCCTTCCCC AGGGCTTCAA GTGGGAGCGC GTGATGAACT TCGAGGACGG CGGCGTGGT
6121 ACCGTGACCC AGGACTCTCT CCTGCAGGAC GGCTGCTTCA TCTACAAGGT GAAGTTCATC
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6241 TCCACCGAGC GCCTGTACCC CCGCGACGGC GTGCTGAAGG GCGAGATCCA CAAGGCCCTG
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6361 CCCGTGCAGC TGCCCGGCTA CTACTACGTG GACTCCAAGC TGGACATCAC CTCCCACAAC
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7201 CAAAGGCGA AAAACCGTCT ATCAGGGCGA TGGCCACTA CGTGAACCAT CACCCTAATC
7261 AAGTTTTTTG GGGTCGAGGT GCCGTAAAGC ACTAAATCGG AACCCATAAG GGAGCCCCCG
7321 ATTTAGAGT TGACGGGGAA AGCCGGCGAA CGTGGCGAGA AAGGAAGGGA AGAAAGCGAA
7381 AGGAGCGGC GCTAGGCGCG TGGCAAGTGT AGCGGTACG CTGCGCGTAA CCACCACACC
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pDSAT-LpRFP: Plasmid used to generate *Lp*-tdTomato line

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                        /note="attB"
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     source         1..7466
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61  TACCGCTCGC CGCAGCCGAA CGACCAGCG CAGCGAGTCA GTGAGCGAGG AAGCGGAAGA
121 GCGCCCAATA CGCAAACCGC CTCTCCCGC GCGTTGGCCG ATTCATTAAT GCAGCTGGCA
181 CGACAGTTT CCCGACTGGA AAGCGGGCAG TGAGCGCAAC GCAATTAATA CGCGTACCGC
241 TAGCATGGAT GTTTTCCAG TCACGACGTT GTAAAACGAC GGCCAGTCTT AAGCTCGGGC
301 CCTACAGGT CACTAATACC ATCTAAGTAG TTGATTCATA GTGACTGGAT ATGTTGTGTT
361 TTACAGTATT ATGTAGTCTG TTTT TATGC AAAATCTAAT TTAATATATT GATATTTATA
421 TCATTTTACG TTTCTCGTTC AACTTTTCTA TACAAAGTTg gtACcggATC CAgcTTGCGG
481 GGAAGACACA TTCGAGATAC GCTAAGTGAT TGAGCGATTA CGATCTAGCA AAACATACGT
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601 TTTTATTCCC CGGGGGCCTT TTCAAACGGC TTAATATAAG CAATTAATAG TATTTTTTCT
661 TTCAGGTTAG TTTACTGTAA TGGTGTAATT GTCATCTTAC ACCTCCGTCT GATAAGAGAT
721 TACGAAGCTC AGTATGATGA AATAAATAAG ATAAATTTAT TTAAAAAGA ACAATTGCTA
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1801	GTGTACGTGC	GTGTGTGTGG	AAATTCCTATA	AAAGTAGGCA	CCCGTGGCCG	GGATCCGTTA
1861	TTCCCGTCCT	GAGGCCCGCC	CGGGATCGCT	GGTGACGACA	GACGAGCCGC	TGTGTGACGT
1921	ACGTAGTGCC	CGATCGGTAA	AGAGTGAACC	GTCTTCTCTG	CAGTGTAGGA	GAGAACGGTT
1981	TCATCTTTTT	CGCCACACCC	CCCCCGTTTA	CATTCCATGT	TGAACTGTAA	GGTCTAGTGA
2041	ACATTTCTGT	AGTGTGGAAA	GTGTGGTTTT	GTGCGTGAGA	GTGCACGGAC	ACGACACTAC
2101	CACCATGGTG	AGCAAGGGCG	AGGAGTTCAT	CAAAGAGTTC	ATGCGCTTCA	AGGTGCGCAT
2161	GGAGGGCTCC	ATGAACGGCC	ACGAGTTCGA	GATCGAGGGC	GAGGGCGAGG	GCCGCCCTA
2221	CGAGGGCACC	CAGACCGCCA	AGCTGAAGGT	GACCAAGGGC	GGCCCCCTGC	CCTTCGCTG
2281	GGACATCCCTG	TCCCCCCAGT	TCATGTACGG	CTCCAAGGCG	TACGTGAAGC	ACCCCGCCGA
2341	CATCCCCGAT	TACAAGAAGC	TGTCCTTCCC	CGAGGGCTTC	AAGTGGGAGC	GCGTGATGAA
2401	CTTCGAGGAC	GGCGGTCTGG	TGACCGTGAC	CCAGGACTCC	TCCTTGCAGG	ACGGCACGCT
2461	GATCTACAAG	GTGAAGATGC	GCGGCACCAA	CTTCCCCCCC	GACGGCCCCG	TAATGCAGAA
2521	GAAGACCATG	GGCTGGGAGG	CCTCCACCGA	GCGCCTGTAC	CCCCGCGACG	GCGTGTGAA
2581	GGGCGAGATC	CACGAGGCC	TGAAGCTGAA	GGACGGCGGC	CACTACCTGG	TGGAGTTCAA
2641	GACGATCTAC	ATGGCCAAGA	AGCCCGTGCA	ACTGCCCGGC	TACTACTACG	TGGACACCAA
2701	GCTGGACATC	ACCTCCCACA	ACGAGGACTA	CACCATCGTG	GAACAGTACG	AGCGCTCCGA
2761	GGGCGGCCAC	CACCTGTTCC	TGGGGCATGG	CACCGGCAGC	ACCGGCAGCG	GCAGCTCCGG
2821	CACCGCCTCC	TCCGAGGACA	ACAACATGGC	CGTCATCAAA	GAGTTCATGC	GCTCAAGT
2881	GCGCATGGAG	GGCTCCATGA	ACGGCCACGA	GTTTCGAGATC	GAGGGCGAGG	GCGAGGGCCG
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3001	CGCTTGGGAG	ATCCTGTCCC	CCCAGTTCAT	GTACGGCTCC	AAGGCGTACG	TGAAGCACCC
3061	CGCCGACATC	CCCGATTACA	AGAAGCTGTC	CTTCCCCGAG	GGCTTCAAGT	GGGAGCGCGT
3121	GATGAACCTC	GAGGACGGCG	GTCTGGTGAC	CGTGACCCAG	GACTCCTCCC	TGCAGGACGG
3181	CACGCTGATC	TACAAGGTGA	AGATGCGCGG	CACCAACTTC	CCCCCGACG	GCCCCGTAAT
3241	GCAGAAGAAG	ACCATGGGCT	GGGAGGCCTC	CACCGAGCGC	CTGTACCCCC	GCGACGGCGT
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3781	CCTGAACCTG	AAACATAAAA	TGAATGCAAT	TGTTGTTGTT	AACTTGTTTA	TTGAGCTTAA
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4021	CTCACCCATC	TGGTCCATCA	TGATGAACGG	GTCGAGGTGG	CGGTAGTTGA	TCCCCGGGAA
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4141	CACGGGACGT	GCGACGGCGT	CGGCGGGTGC	GGATACGCGG	GGCAGCGTCA	GCGGGTTCTC
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6301	GCTCAGGGCG	AATCAGCAAT	GAATAACGGT	TTGGTTGATG	CGAGTGATTT	TGATGACGAG
6361	CGTAATGGCT	GCCCTGTTGA	ACAAGTCTGG	AAAGAAAATG	ATAAACTTTT	GCCATTCTCA
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pAttBrfB2-actGFP: Plasmid used to generate *act5c*-GFP line

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pAttbRfB2-G12GFP: Plasmid used to generate G12-GFP line

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241  TGGGTGCACG  AATGGGTTAC  ATCGAACTGG  ATCTCAACAG  CGGTAAGATC  CTTGAGAGTT
301  TTCGCCCGA  AGAACGTTTT  CCAATGATGA  GCACCTTTAA  AGTTCGTGTA  TGTGGCGCGG

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421 ATGACTTGGT TGAGTACTCA CCAGTCACAG AAAAGCATCT TACGGATGGC ATGACAGTAA
481 GAGAATTATG CAGTGCTGCC ATAACCATGA GTGATAACAC TGCGGCCAAC TTACTTCTGA
541 CAACGATCGG AGGACCGAAG GAGCTAACCG CTTTTTTGCA CAACATGGGG GNATCATGTA
601 ACTCGCTTN GATCGTTGGG AACCGGAGCT GAATGAAGCC ATACCAAACG ACGAGCGTGA
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pAttbRfB2-vas2RFP: Plasmid used to generate *vasa*-tdTomato line

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