

>attP-FRT-RFP

CGCGCTCGCGGACTGACGGTCGTAAGCACCCGCGTACGTGTCCACCCCGGTCACAACCCCTTGTGTATGTCGGCGGCCCTACGCC
CCAAGTGAAGAACTCAAAGTTACCCAGTTGGGGCACTACTCCCGAAAACCGCTTCTGACCTGGGAAAACGTGAAGCCCCGGGC
ATCCGCTGAGGGTTGCCCGGGGGCTTCGGTGTGTCAGTACGAAGTTCCTATTCTCTAGAAAAGTATAGGAACTTCGGATCTAATT
CAATTAGAGACTAATTCAATTAGAGCTAATTCAATTAGGATCCAAGCTTATCGATTTTCGAACCCCTCGACCGCCGGAGTATAAATAGAG
GCGCTTCGTCTACGGAGCGACAATTCAATTCAAACAAGCAAAGTGAACACGTCGCTAAGCGAAAAGCTAAGCAAATAAACAAGCGCAG
CTGAACAAGCTAAACAATCGGGACTAGAGCCGGTCGCCACCATGAGGTCTTCCAAGAATGTTATCAAGGAGTTCATGAGGTTTAAGGT
TCGCATGGAAGGAACGGTCAATGGGCACGAGTTTGAATAGAAAGGCGAAGGAGAGGGGAGGCCATACGAAGGCCACAATACCGTAA
AGCTTAAGGTAACCAAGGGGGGACCTTTGCCATTTGCTTGGGATATTTTGTACCACAATTTTCAGTATGGAAGCAAGGTATATGTCAA
GCACCCTGCCGACATAACCAGACTATAAAAAGCTGTCAATTCCTGAAGGATTTAAATGGGAAAGGGTCATGAACTTTGAAGACGGTGGC
GTCGTTACTGTAACCCAGGATTCAGTTTGCAGGATGGCTGTTTCATCTACAAGGTCAAGTTCATTGGCGTGAACCTTCCTTCCGATGG
ACCTGTTATGCAAAAAGAAGACAATGGGCTGGGAAGCCAGCACTGAGCGTTTGTATCCTCGTGATGGCGTGTGAAAGGAGAGATTCA
TAAGGCTCTGAAGCTGAAAGACGGTGGTCAATTACCTAGTTGAATTCAAAAGTATTTACATGGCAAAGAAGCCTGTGCAGCTACCAGG
GTACTACTATGTTGACTCCAAACTGGATATAACAAGCCACAACGAAGACTATAACAATCGTTGAGCAGTATGAAAGAACCGAGGGACG
CCACCATCTGTTCCTTTAGCGGCCATCGAATTCGAGCTCGCCACTAAGCGTCGCGCCACTTCAACGCTCGATGGGAGCGTCATTGGTG
GGCGGGTAACCGTCGAAATCAGTGTTCACGCTTCCAATCGCAACAAAAAATTCCTGCAACACTGAAAAGCATAACGAAAACGATGA
AGATTGTACGAGAAACCATAAAGTATTTTATCCACAAAGACACGTATAGCAGAAAAGCCAAGTAACTCGGCGATAAGTTGTGTACA
CAAGAATAAAAATCGGCCAGATTCAGTGTGTCAGAAATAAGAAAACCCCACTATGTTTTCTTTGCCTTTTCTTTCTCCAGCGATCAT
TCATTCGTGGTGAAAGAACGGGGTCATTGCACGGAGTTTCGACTGCGGAAAGCAGAGCTGCCGTTCACTTCGTCTATAATTAGCGC
TTTCTATTTTCCCGATTTCGGGCCGCTGCTGCGCTTTCCGCCTGCTGTTTGTGGCAAGTGTAGCAGCAGGCTGTGCACGCAGTGTGGC
ATGCACTTGGCTTTCCACCGTTGGTATCGATTCTCTGGGACGATGAGTCATTCCTTTCCGGGGCCACAGCATAATCGTTGCCAGCTCACC
GAAATGGTGACTTCATTTCTTAACTGCCGTCAAGCATGCGATTGTACATACATATTTATATATGTACATATTTATGTGACTATGG
TAGGTCGATATAATAGCAATCAACGCAAGCAAATGTGTCAGTCCTGCTTACAGGAACGATTCTATTTAGTAATTTTCGTTGTATAAAGT
AATTATGTATGTATGTAAGCCCCATAAATCTGAAACAATTAGGCAAAACCATGCGAAGCT

Figure S5 The DNA sequence of the attP-FRT-RFP cassette in our study. The attP sequence is highlighted in red and the FRT highlighted in green, and the RFP DNA sequence is shown as underlined.