| Purpose                         | Type       | Sequence (5’ to 3’)                                      |
|--------------------------------|------------|---------------------------------------------------------|
| Construction of *ihfA-mVenus*  | Forward    | GGCAGAAGTTAAAAAGCCGGGTCGAAAAACGC                      |
|                                |            | TTCGCCCAAAGACGAGACTAGTGCGGCCGCGG                        |
|                                | Reverse    | GACAGTGAAGAAAAAGGCCCGCAAGAAGC                        |
|                                |            | CCTTTTTAGTTAGATCGACGCTGGACTACCGAAGATTTTC              |
| Verification of *mVenus* fusions | Forward    | ACTAGTGCGGCCGCGGTGAGCAAGGGCGAGG                        |
|                                |            | AGC                                                      |
|                                | Reverse    | CGCTGGACTACCGGAAGATTTC                                  |
| Construction of *lacI* deletion | Forward    | CCGTATGGCATGATAGCGCCCGAAGAGAGT                        |
|                                |            | CAATTCAGGGTGTTAGATATGGATTGAACAAGA                      |
|                                | Reverse    | AAGCCTGCGTGCTGAATGAGTCAACTACCTGACATTAATGCGTTGCAGTAAGAAGA |
|                                |            | ACTCGTCAAGAA                                          |
| Cloning of *melR* into pBAD33  | Forward    | AATTTGTAACCCAGAAAGAGAGCCATCCATG                       |
|                                | Reverse    | CCGGAAGCTTTTAGCCGGAAACGTCTGGC                         |