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| **Primers used in this study** |
| **Primer sequence** | **Description** |
| TGATTACGCCAAGCT GAAGGAGATATACATATGAG | Forward primer to amplify *gfp* with 15 bp HAC tails to clone into pUC19 at HindIII site |
| GCAGGCATGCAAGCT TTATTTGTATAGTTCATCCATGC | Reverse primer to amplify *gfp* with 15 bp HAC tails to clone into pUC19 at HindIII site |
| GACCATGATTACGCCAAGCT GAAGGAGATATACATATGAG | Forward primer to amplify *gfp* with 20 bp HAC tails to clone into pUC19 at HindIII site |
| GACCTGCAGGCATGCAAGCT TTATTTGTATAGTTCATCCATGC | Reverse primer to amplify *gfp* with 20 bp HAC tails to clone into pUC19 at HindIII site |
| GCTATGACCATGATTACGCCAAGCT GAAGGAGATATACATATGAG | Forward primer to amplify *gfp* with 25 bp HAC tails to clone into pUC19 at HindIII site |
| GAGTCGACCTGCAGGCATGCAAGCT TTATTTGTATAGTTCATCCATGC | Reverse primer to amplify *gfp* with 25 bp HAC tails to clone into pUC19 at HindIII site |
| TGATTACGCCAAGCT TCCTGGTGTCCCTGTTGATAC | Forward primer to amplify *cmr* with 15 bp HAC tails to clone into pUC19 along with *kanr* at HindIII site |
| CGTAGGTACTGGTAC ACACGTCTTGAGCGATTGTG | Reverse primer to amplify *cmr* with 15 bp HAC tails to clone into pUC19 along with *kanr* at HindIII site |
| GTACCAGTACCTACG GAAAGCCAGTCCGCAGAAAC | Forward primer to amplify *kanr* with 15 bp HAC tails to clone into pUC19 along with *cmr* at HindIII site |
| GCAGGCATGCAAGCT GGCGGTGGAATCGAAATCTC | Reverse primer to amplify *kanr* with 15 bp HAC tails to clone into pUC19 along with *cmr* at HindIII site |
| GACCATGATTACGCCAAGCT TCCTGGTGTCCCTGTTGATAC | Forward primer to amplify *cmr* with 20 bp HAC tails to clone into pUC19 along with *kanr* at HindIII site |
| GATGTCGTAGGTACTGGTAC ACACGTCTTGAGCGATTGTG | Reverse primer to amplify *cmr* with 20 bp HAC tails to clone into pUC19 along with *kanr* at HindIII site |
| GTACCAGTACCTACGACATC GAAAGCCAGTCCGCAGAAAC | Forward primer to amplify *kanr* with 20 bp HAC tails to clone into pUC19 along with *cmr* at HindIII site |
| GACCTGCAGGCATGCAAGCT GGCGGTGGAATCGAAATCTC | Reverse primer to amplify *kanr* with 20 bp HAC tails to clone into pUC19 along with  *cmr* at HindIII site |
| GCTATGACCATGATTACGCCAAGCT TCCTGGTGTCCCTGTTGATAC | Forward primer to amplify *cmr* with 25 bp HAC tails to clone into pUC19 along with *kanr* at HindIII site |
| CTTCAGATGTCGTAGGTACTGGTAC ACACGTCTTGAGCGATTGTG | Reverse primer to amplify *cmr* with 25 bp HAC tails to clone into pUC19 along with *kanr* at HindIII site |
| GTACCAGTACCTACGACATCTGAAG GAAAGCCAGTCCGCAGAAAC | Forward primer to amplify *kanr* with 25 bp HAC tails to clone into pUC19 along with *cmr* at HindIII site |
| GAGTCGACCTGCAGGCATGCAAGCT GGCGGTGGAATCGAAATCTC | Reverse primer to amplify *kanr* with 25 bp HAC tails to clone into pUC19 along with  *cmr* at HindIII site |
| **Plasmids constructed in this study** |
| **Name** | **Description** |
| pUC19:*gfp*15 | *gfp* gene cloned into HindIII site of pUC19 via 15 bp HAC tails |
| pUC19:*gfp*20 | *gfp* gene cloned into HindIII site of pUC19 via 20 bp HAC tails |
| pUC19:*gfp*25 | *gfp* gene cloned into HindIII site of pUC19 via 25 bp HAC tails |
| pUC19:*cm-kan*15 | *cmr* and *kanr* resistance cassettes cloned into HindIII site of pUC19 via 15 bp HAC tails |
| pUC19:*cm-kan*20 | *cmr* and *kanr* resistance cassettes cloned into HindIII site of pUC19 via 20 bp HAC tails |
| pUC19:*cm-kan*25 | *cmr* and *kanr* resistance cassettes cloned into HindIII site of pUC19 via 25 bp HAC tails |