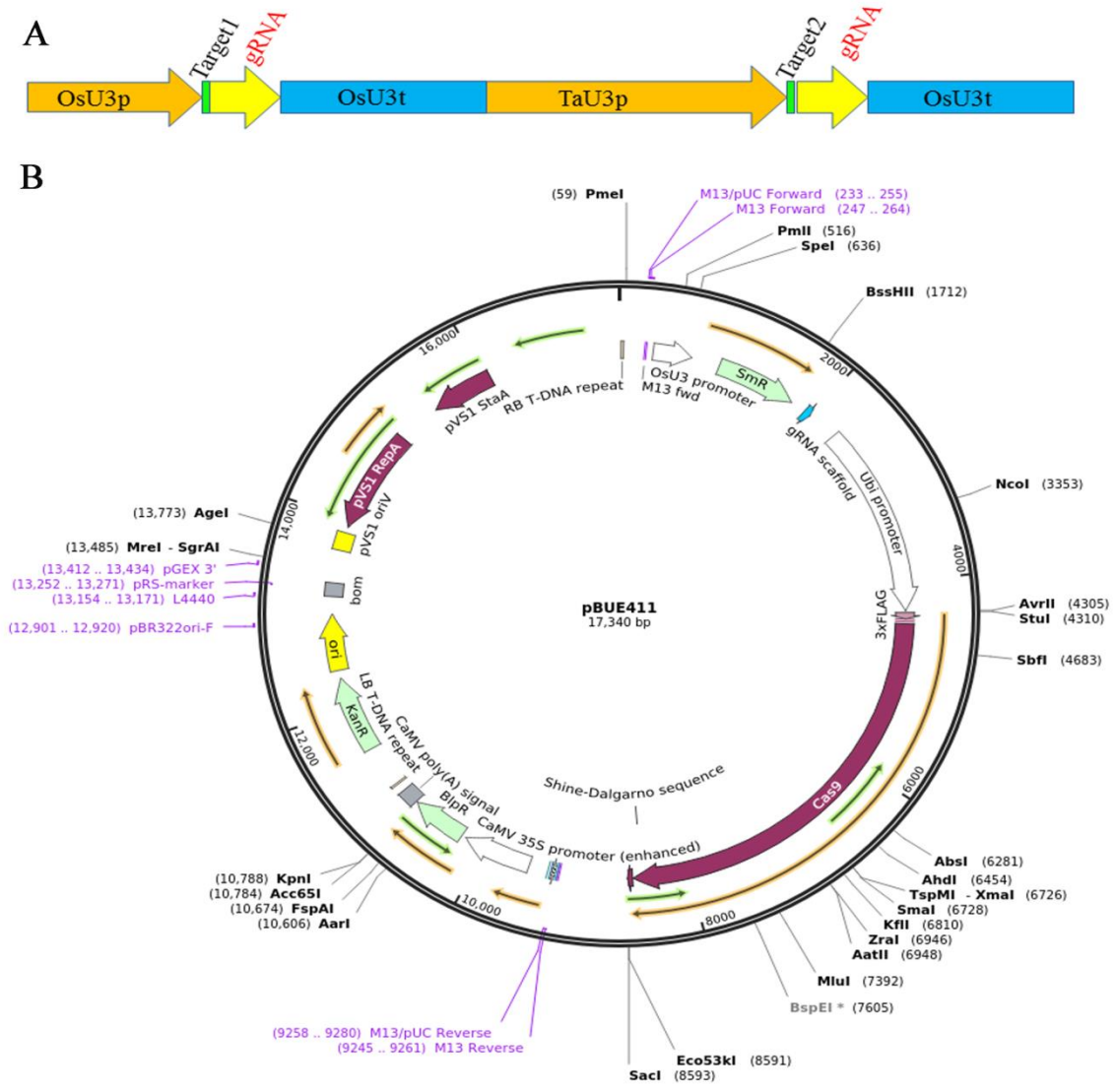


Figure S1. Influence of Cef on *Agrobacterium* EHA105



C Sequence for LPPDS

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GTCCTTCCTCGGTGGAATCAAGCGTTCGCCGACTCGCCGACCCTATCCCGCCCGTCTGTGCGTACCTCCACC
AGAATCCTTTCCACTGATCCCCCACC AATTTCTCTCTCTAAAAC TCCAAAACCCCACTAAGGGACTCACAAA
TTCGATCCTCAACAATCGGTTCTCTTCGTCATGA ACTCCGCCGATCGATCTCCACGTTTGCCATCACCGGC
AGGTATCCAAGATCTTCCATCAGTAGCTACTGATAGCATCAATTCAGCTCGAGAGCGCTTCAATTCATGGCG
CGGAGACGACATTGACGCGGAGAGTCGCCGTCCTTGCAGGTTGTTTGCAAGGATTGTCCGAGGCCGCGAGC

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TCGATATACGGTGAATTTTCTTGAAGCGGCTAAGTTGTCGGCCTGAGTTTCGGAGTCGTGCAAGACAGGAGAA
GCCGCTGCCAAGTTGTGATTGCCGGGGCCAGGTCTGGCGGGTTTATCTACGGCCAAGTATCTTGCCGATGCA
GGACATATACCTATACTGTTGGAGGGGAGAGATGTTTGGGTGGAAAAGATTGCTGCATGGAAGGATAGTGATGG
AGATTGGTATGAG**ACAGGCCTCCATATATTCTT**TGGAGCTTATCCCAATGTGCAGAATTTGTTTGGGG
AACTTGGTATTAATGATCGTTTGCAGTGGAAAGGAGCACTCTATGATTTTGCAATGCCAAACAAGCCAGGAGAA
TTTAGCCGCTTTGATTTTCCAGAGGTTCTTCCGACCCCTTAAATGGAATATGGGCCATCTTAAAGAATAATG
AAATGCTGACCTGGCCAGAAAAAGTGCCTTTTGCATA**GGCCTTCTACCTGCTATGAT**TGGGGGACAG
GCCTATGTTGAGGCTCAGGATGGTTAACTGTTAAAGAGTGGATGAGGAAGCAGGGCGTTCCTGAACGTGTCA
ATGACGAAGTTTTCATTGCAATGTCCAAAGCTCTTAATTTTATAAATCCAGATGAGCTTTCATGCAGTGCAT
TTTAATTGCTTTAAACCGTTTTCTTCAGGAAAAGCATGGCTCCAAGATGGCTTTCTTAGATGGTAATCCCCC
GAGAGGTTGTGCATACCAATTGTTGACCACATTCAATCATTGGGTGGTCAAGTCCACTTAACTCTCGTATAC
AGAAAATTGAGTTGAATTCTGATAGTACTGTGAAAAACCTTATACTGAGCAATGGGAAAATAATCAATGGAGA
TGTTTATGTAATGACTACTCCTGTTGATGTCTTGAAGCTTCTTTGCTCAAGAAATGGAGAGAAAATTCATAC
TTCAAGAAATTGGATAAATTGGTGGGAGTTCCTGTGATCAATGTTTCATATATGTTTGACAGGAAACTGAAGA
ACACCTATGATCATCTTCTTTTTCAGCAGGAGTCCCTCTTTTGGAGTGTATGCAGATATGTCTGTAACCTGCAA
GGAATATTACGATCCTTATCGTTCTATGCTTGGATTTCGCACCGGCAGAGGAATGGATCTCACGTAGT
GACGATGAGATCATCGATGCTACAATGACAGAAGTCTAAGCTGTCCCAGATGAAATAGCCGCAGATCAGAG
TAAAGCGAAAATCTCAAGTATCATGTTGTCAAACCTCCAAGATCTGTTTACAAAACCTGTGCCCGACTGTGAA
CCGTGCCGGCCTCTGCAAGATCGCAATTGAAGGGTCTATCTGGCTGGCGATTACACGAAGCAGAAGTACTT
GGCTTCGATGGAGGGGGCTGTTTGTCTGGGAAGCTTTGTGCGCAGTCTATTGTACAGGATTACGACATTTTA
GTTGATCGGACGAAGAGAAGCCCTCAAGCCGAGATGTCAGTCGTC**TAG**TTGCCGGAATTTGGAGTCATAGCAGA
CATCTTTGCTATACAATGTATTCTTTGCGTGCTGAGAAAATCAGATCTCAGAATATATACATTAATAAATGGT
AGATTTTCTCTGAGTGGGTTAGAGCATGTCACCCATTGGATTATATCGTAGATATGAAATATTTGAAGCAA
TTACAATTACATACATGTCGAT

Figure S2. *LpPDS* CRISPR / Cas9 targeted vectors. **A** is a schematic representation of the integration of two targets into two gRNA expression cassettes. **B** is a map of the gene editing vector pBUE411. **C** is the reference sequence for *LpPDS*, with the target highlighted in yellow and red font showing the PAM sequence.