## Sequence of key plasmids in this study

>MP6-UTT

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## >plac-TadA8e

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## >plac-TDG3

TGGCGAATGGGACGCCCTGTAGCGGCGCATTAAGCGCGGGGGTGTGG TGGTTACGCGCAGCGTGACCGCTACACTTGCCAGCGCCCTAGCGCCCGCTC CTTTCGCTTTCTTCCCTTCCTTTCTCGCCACGTTCGCCGGCTTTCCCCGTCA AGCTCTAAATCGGGGGCTCCCTTTAGGGTTCCGATTTAGTGCTTTACGGCAC  ${\sf CTCGACCCCAAAAAACTTGATTAGGGTGATGGTTCACGTAGTGGGCCATCG}$ CCCTGATAGACGGTTTTTCGCCCTTTGACGTTGGAGTCCACGTTCTTTAATA GTGGACTCTTGTTCCAAACTGGAACACACTCAACCCTATCTCGGTCTATT CTTTTGATTTATAAGGGATTTTGCCGATTTCGGCCTATTGGTTAAAAAATGA GCTGATTTAACAAAATTTAACGCGAATTTTAACAAAATATTAACGTTTACA ATTTCAGGTGGCACTTTTCGGGGAAATGTGCGCGGAACCCCTATTTGTTTAT CTCATCGAGCATCAAATGAAACTGCAATTTATTCATATCAGGATTATCAATAC CATATTTTTGAAAAAGCCGTTTCTGTAATGAAGGAGAAAACTCACCGAGGC AGTTCCATAGGATGGCAAGATCCTGGTATCGGTCTGCGATTCCGACTCGTCC AACATCAATACAACCTATTAATTTCCCCTCGTCAAAAATAAGGTTATCAAGT GAGAAATCACCATGAGTGACGACTGAATCCGGTGAGAATGGCAAAAGTTT ATGCATTTCTTTCCAGACTTGTTCAACAGGCCAGCCATTACGCTCGTCATCA AAATCACTCGCATCAACCAAACCGTTATTCATTCGTGATTGCGCCTGAGCG AGACGAAATACGCGATCGCTGTTAAAAGGACAATTACAAACAGGAATCGA ATGCAACCGGCGCAGGAACACTGCCAGCGCATCAACAATATTTTCACCTGA ATCAGGATATTCTTCTAATACCTGGAATGCTGTTTTCCCGGGGATCGCAGTG GTGAGTAACCATGCATCAGGAGTACGGATAAAATGCTTGATGGTCGGA AGAGGCATAAATTCCGTCAGCCAGTTTAGTCTGACCATCTCATCTGTAACAT CATTGGCAACGCTACCTTTGCCATGTTTCAGAAACAACTCTGGCGCATCGG GCTTCCCATACAATCGATAGATTGTCGCACCTGATTGCCCGACATTATCGCG AGCCCATTTATACCCATATAAATCAGCATCCATGTTGGAATTTAATCGCGGCC TAGAGCAAGACGTTTCCCGTTGAATATGGCTCATAACACCCCTTGTATTACT GTTTATGTAAGCAGACAGTTTTATTGTTCATGACCAAAATCCCTTAACGTGA GTTTTCGTTCCACTGAGCGTCAGACCCCGTAGAAAAGATCAAAGGATCTTC ACCGCTACCAGCGGTGGTTTGTTTGCCGGATCAAGAGCTACCAACTCTTTT

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ATTGCGCCCAGCGCCATCTGATCGTTGGCAACCAGCATCGCAGTGGGAACG ATGCCCTCATTCAGCATTTGCATGGTTTGTTGAAAACCGGACATGGCACTCC AGTCGCCTTCCCGTTCCGCTATCGGCTGAATTTGATTGCGAGTGAGATATTT ATGCCAGCCAGCCAGACGCAGACGCCGAGACAGAACTTAATGGGCCCG CTAACAGCGCGATTTGCTGGTGACCCAATGCGACCAGATGCTCCACGCCCA GTCGCGTACCGTCTTCATGGGAGAAAATAATACTGTTGATGGGTGTCTGGTC CAATGGCATCCTGGTCATCCAGCGGATAGTTAATGATCAGCCCACTGACGC GTTGCGCGAGAAGATTGTGCACCGCCGCTTTACAGGCTTCGACGCCGCTTC GTTCTACCATCGACACCACCACGCTGGCACCCAGTTGATCGGCGCGAGATT TAATCGCCGCGACAATTTGCGACGGCGCGTGCAGGGCCAGACTGGAGGTG GCAACGCCAATCAGCAACGACTGTTTGCCCGCCAGTTGTTGTGCCACGCG GTTGGGAATGTAATTCAGCTCCGCCATCGCCGCTTCCACTTTTTCCCGCGTT TTCGCAGAAACGTGGCTGGCCTGGTTCACCACGCGGGAAACGGTCTGATA AGAGACACCGGCATACTCTGCGACATCGTATAACGTTACTGGTTTCACATTC ACCACCCTGAATTGACTCTCTTCCGGGCGCTATCATGCCATACCGCGAAAG GTTTTGCGCCATTCGATGGTGTCCGGGATCTCGACGCTCTCCCTTATGCGAC TCCTGCATTAGGAAGCAGCCCAGTAGTAGGTTGAGGCCGTTGAGCACCGCC GCCGCAAGGAATGGTGCATGCAAGGAGATGGCGCCCAACAGTCCCCCGGC CACGGGGCCTGCCACCATACCCACGCCGAAACAAGCGCTCATGAGCCCGA AGTGGCGAGCCCGTTGACAATTAATCATCCGGCTCGTATAATGTGTGGAATT GTGAGCGGATAACAATTTCAGGATCTAGGTAAAGAGGGGAAATACTAGATG CTGGGCGAAAGCTGGAAAAAACATCTGAGCGGCGAATTTGGCAAACCGTA TTTTATTAAACTGATGGAATTTGTGGCGGAAGAACGCAAACATTATACCGTG TATCCGCCGCCGCATCAGGTGTTTACCTGGACCCAGATGTGCGATATTAAAG ATGTGAAAGTGGTGATTGTGGGCCAGGATCCGGCGCATGGCCCGAACCAG GCGCATGGCCTGTGCTTTAGCGTGCAGCGCCCGGTGCCGCCGCCGAG CCTGGAAAACATTTATGAAGAACTGAGCACCGATATTGAAGATTTTGTGCA TCCGGGCCATGGCGATCTGAGCGGCTGGGCGAAACAGGGCGTGCTGCTGC TGAACGCGGTGCTGACCGTGCGCGCGCATCAGGCGAACAGCCATAAAGAA CCTGAACGGCCTGGTGTTTCTGCTGTGGGGCAGCTATGCGCAGAAAAAAG GCAGCGTGATTGATCGCGAACGCCATCATGTGCTGCAGGCGGCGCATCCGA GCCCGCTGAGCGCGAGCCGCGCTTTTTTGGCTGCCGCCATTTTAGCAAAA ACTGGGCTAACTGTGTGAGGAAATAACCTAACTAGCATAACCCCTTGGGGC  ${\tt CTCTAAACGGGTCTTGAGGGGTTTTTTGCTGAAAGGAGGAACTATATCCGG}$ AT