

araC sequence :

plasmid number: 230726HV8303-8

araC forward primer: TCTGCAGAatggctgaagcgcaaatgatc

tetr reversed primer: GTTATGCTAGTTATTGCTCAGCGGTGGCA

company: Sangon Biotech

Tetr sequence:

plasmid number: 230723PT6768-2

tetr forward primer: GCGGCCTGCAGAATGtccagattag

tetr reversed primer: GCTCAGCGGTGGCAGCAGCCAACTCA

company: Sangon Biotech

Shuffle T7-K12 competent cell:

Genotype: F' lac, pro, lacIQ /p(ara-leu)7697 araD139 fhuA2 lacZ::T7 gene1p(phoA) PvuII
phoR ahpC* galE (or U) galK λatt::pNEB3-r1-cDsbC (Spec^R, lacIQ)ptrxB rpsL150(Str^R)pgorp
(malF)3

Company: Biomed

Enzyme:

The company of KpnI, XbaI, PstI, XhoI, NotI, SpeI, EcoRI, SalI: LABLEAD

The company of BpI: Thermo SCIENTIFIC

The dataset:

<http://webs.iitd.edu.in/raghava/>^[1]

Reference

[1] Patiyal S, Dhall A, Raghava G P S. A deep learning-based method for the prediction of DNA interacting residues in a protein[J]. Briefings in Bioinformatics, 2