**Primers for cloning ecdM8 downstream of tetA fitness module**

**BBa\_J119140 = Promoter + Riboswtich + TetA (psB1A8)**



>BBa\_J119140 Part-only sequence (1357 bp)

aaatcataaaaaatttatttgctttgtgagcggataacaattataatagattcaattgtgagcggataacaattactagagatacgactcactataggta

ccggtgataccagcatcgtcttgatgcccttggcagcaccctgctaaggtaacaacaagatgcttaaatctaacaatgcgctcatcgtcatcctcggcac

cgtcaccctggatgctgtaggcataggcttggttatgccggtactgccgggcctcttgcgggatatcgtccattccgacagcatcgccagtcactatggc

gtgctgctagcgctatatgcgttgatgcaatttctatgcgcacccgttctcggagcactgtccgaccgctttggccgccgcccagtcctgctcgcttcgc

tacttggagccactatcgactacgcgatcatggcgaccacacccgtcctgtggatcctctacgccggacgcatcgtggccggcatcaccggcgccacagg

tgcggttgctggcgcctatatcgccgacatcaccgatggggaagatcgggctcgccacttcgggctcatgagcgcttgtttcggcgtgggtatggtggca

ggccccgtggccgggggactgttgggcgccatctccttgcatgcaccattccttgcggcggcggtgctcaacggcctcaacctactactgggctgcttcc

taatgcaggagtcgcataagggagagcgtcgaccgatgcccttgagagccttcaacccagtcagctccttccggtgggcgcggggcatgactatcgtcgc

cgcacttatgactgtcttctttatcatgcaactcgtaggacaggtgccggcagcgctctgggtcattttcggcgaggaccgctttcgctggagcgcgacg

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acttcgatcattggaccgctgatcgtcacggcgatttatgccgcctcggcgagcacatggaacgggttggcatggattgtaggcgccgccctataccttg

tctgcctccccgcgttgcgtcgcggtgcatggagccgggccacctcgacctaagcgt

**Ribo + TetA Primer to add construct to ecdM8**

**Ribo + TetA forward primer:**

GGTCTC A aaatcataaaaaatttattt

BSAI 1bp 20mer of T5 promoter + stop codon

 spacer

**Ribo + TetA reverse primer:**

GGTCTC A acgcttaggtcgaggtgccc

BSAI 1bp 20mer of tetA

 spacer

BBa\_J119303- Promoter + cdog + eCDM8 **(psB1A8)**

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>BBa\_J119303 Part-only sequence (3274 bp)

ttgacatcaggaaaatttttctgtataatgtgtggagggcccaagttcacttaaaaaggagatcaacaatgaaagcaattttcgtactgaaacatcttaa

tcatgctaaggaggttttctaatgaccatcaaagaaatgccgcagccgaaaacctttggtgaactgaaaaatctgccgctgctgaataccgataaaccgg

ttcatgcactgatgaaaattgcagatgaactgggcgagatctttaaattcgaagcaccgggtagcgttacccgttatctgagcagccagcgtctgattaa

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gaaaaaaactggaaaaaagcccataatattctgctgccgagctttagccagcaggcaatgaaaggttatcatgcaatgatggttgatattgccgttcagc

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cctgcataccgcatttagccgtatgccgaatcagccgaaaacatatgttcagcatgttatggaacaggatggcaaaaaactgattgaactgctggatcag

ggtgcccatttctatatttgtggtgatggtagccagatggcaccggcagttgaagcaaccctgatgaaaagctatgcagatgttcatcaggttagcgaag

cagatgcacgtctgtggctgcaacagctggaagaaaaaggtcgttatgcaaaagatgtttgggcaggttaataa

**Reverse Primer to add bsaI to ecdM8**

**ecdM8 forward primer:**

GGTCTC A tactagtagcggccgctgcag

BSAI 1bp 21mer biobrick suffix

 spacer

**ecdM8 reverse primer:**

GGTCTC A ttattaacctgcccaaacat

BSAI 1bp 20mer of ecdM8

 spacer

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