

p2CT-His-MBU-Lbu_C13a_WT

<https://benchling.com/s/seq-iiOl2ZpMc8ZHUZwu1GRj>

T7 promoter, 6x His, TEV cleavage site, Lbu Cas13a, T7 terminator

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iSpinach DNA template

<https://benchling.com/s/seq-4ZEaWlbn03qfH2lI0Mgk>

T7 promoter, iSpinach coding sequence

tgccacctgacgtctaagaaCCTTAATACGACTCACTATAGGGccataccaacgacgag
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GTAGAGTGTGGGCTCCGTACTIONGtcacgctcgtcgtttggtagctcactcaaaggcgg
aat

crRNA DNA template, specific for Lbu Cas13a and *E. coli* RNA target

<https://benchling.com/s/seq-9tO076KKpnMBWk4Tptcf>

T7 promoter, Lbu scaffold, target complementary sequence

gtgtgagctcctaatacgcactcactatagggaccaccccaaaaatgaaggggactaaaacaACTTTA
CTCCCTTCCTCCCGCTGAAAGat

Cognate targetRNA DNA template, sub-sequence of *E. coli* 16S rRNA

<https://benchling.com/s/seq-7tal0IXQ3f8a2ircGWWc>

T7 promoter, crRNA complementary sequence

tgccacctgacgtctaagaaagtgtgagctcctaatacgcactcactatagggCAAGCCTGATGCAG
CCATGCCGCGTGTATGAAGAAGGCCTTCGGGTTGTAAAGTACTTTCAGCG
GGGAGGAAGGGAGTAAAGTTAATACCTTTGCTCATTGACGTTACCCGCAGA
AGAAGCACCGGCTAAgctcactcaaaggcggtaat

Non-cognate targetRNA DNA template, sub-sequence of *B. subtilis* 16S rRNA
<https://benchling.com/s/seq-1qllvBpAFT35ptsmbSm>
T7 promoter

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