

BBa_K1114211

Part Summary

This is a MoClo formatted E1010 RFP gene with CD fusion sites. This is a modified BBa_E1010 converted to Moclo with one cut site eliminated in the middle of the sequence. This is a Level 0 MoClo part with flanking sites C on the 5' side and site D on the 3' side of the part. The fusion site letters refer to 4bp fusion sites: A = GGAG, B = TACT, C = AATG, D = AGGT, E = GCTT, F = CGCT, G = TGCC, H = ACTA.

Sequence

```
aatgatggcttcctccgaggatgttatcaaagagttcatgcgtttcaaagttcgtatggaaggtccgttaacgggtca
cgagttcgaaatcgaaggtgaaggtgaaggtcggtacgaaggtacccagaccgctaaactgaaagttaccaaa
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gtgctctgaaaggtgaaatcaaatgcgtctgaaactgaaagacgggtggtcactacgacgtgaagttaaaaccacc
tacatggctaaaaaacgggttcagctgccgggtgcttacaaaaccgacatcaaactggacatcacctcccacaacga
ggactacaccatcggtgaacagtacgaacgtgctgaaggtcgtcactccacgggtgcttaataaagggt
```

Part Type

Basic Part

Related Parts

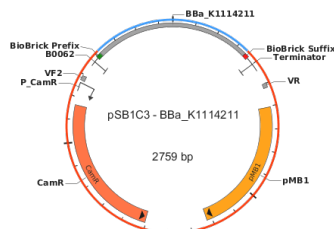
E0040m_CD

Pigeon Image



RFP

Plasmid Map



Designer Information

Author(s)	Traci Haddock
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Team	BostonU 2013
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Design Details

Type	Coding sequence
Vector	K1114403
Design Components	pSB1C3

Assembly Information

Assembly Method(s)	MoClo
Chassis	Escherichia coli
Assembly RFC	94
Strain	Bioline Alpha- Select Gold
Scars	yes