

(from 1-1284 bp)

pJ2043_N2only (7295 bp)

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Diagram showing restriction sites: **EcoRI** (orange box), **SacI** (purple box), and **XhoI** (grey box). A yellow arrow indicates the **P(BAD) promoter**. Below the sequence, a diagram shows a series of elements: **Linker_14** (orange), **REs..._8** (pink), **Linker_0** (orange), and **Prefix** (green).

CGTATAGGCAGTAATTTTGTAACTTTAAGAAGGAGATATACATATGGTTTCGGTTATCAAACCAGAGATGAAAATGCGTACTATATGGATGGTTCAGTAAATGG
GCATATCCGTCATTAACAAATTGAAATTTCTCTCTATATGTATACAAAGCCAATAGTTTGGTCTCTACTTTTACGCAATGATATACCTACCAAGTCATTACC

Diagram showing **Cs...e** (purple), **RBS** (blue), and **mK02** (orange) elements.

TCACGAATTTACTATTGAGGGCGAGGGTACGGGACGCCATACGAGGGGACCCAGGAAATGACTTTACGCGTCACAATGGCTGAAGGCGGGCTATGCCGTTTGGCT
AGTGCTTAAATGATAACTCCCGCTCCCATGCCCTGCGGGTATGCTCCCGTGGTCTTTACTGAAATGCGCAGTGTTACCGACTTCCGCCCGGATACGGCAAACGCA

Diagram showing **mK02** (orange) element.

TCGATCTTGTAGTCATGTCTTTTGTACGGTACCCTGTATTTACTAAATACCCCGAGGAAATCCAGACTATTTCAAACAAGCCTTCCCGAAGGTTTGTCTTGG
AGCTAGAACAATCAGTACAGAAAACAATGCCAGTGGCACATAAATGATTTATGGGGCTCTTTAAGGTCTGATAAAGTTTGTTCGGAAGGGCTTCCAAACAGAACC

Diagram showing **mK02** (orange) element.

GAGCGCAGTTTAGAGTTTGAAGACGGTGGCTCGCCAGCGTGTGAGTCTATATTAGTCTTCGCGCAATACATTTTATCACAAGTCAAAGTTCACCGCGTGAACCT
CTCGCGTCAAATCTCAAACCTTCTGCCACCGAGCCGGTGCACAGTCGAGTATAATCAGAAGCGCCGTTATGTAAGTGTTCAGTTTCAAAGTGGCCGCACTTGAA

Diagram showing **mK02** (orange) element.

CCCCGACAGCGCCCAATCATGCAGAATCAAAGTGTGATTGGGAACCGTCCACAGAGAAGATTACAGCTTCCGATGGAGTCTTAAAGGGCGATGTAACCATGTACT
GGGGCGTCTGCCGGTTAGTACGTCTTAGTTTCACTAACTAACCCCTGGCAGGTGTCTTCTAATGTGCAAGGCTACCTCAGAATTTCCCGCTACATTGGTACATGA

Diagram showing **mK02** (orange) element.

TAAAATTAGAAGGGGAGGGAACCATAAATGTCAGATGAAGACTACCTATAAGGCCGAAAAGAGATTCTTGAATGCCCGGAGACCACTACATTGGGCATCGTTTG
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Diagram showing **mK02** (orange) element.

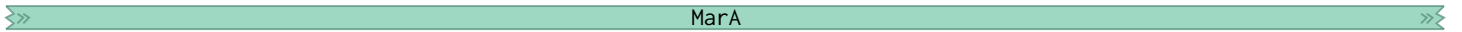
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Diagram showing **mK02** (orange) and **MarA** (green) elements.

GATTGAAGACAACCTGGAGTCGCCGTTGAGTTTAAAAAGTTAGTGAACGTAGTGGTACTCAAAGTGGCACCTTCAGCGCATGTTTAAAGAGGAAACGGGTCACT
CTAACTTCTGTTGAACCTCAGCGGCAACTCAAATCTTTTCAATCACTTGCATACCAATGAGTTTACCCTGGAAGTGCAGTACAAAATCTTCTTTGCCAGTAA

Diagram showing **MarA** (green) element.

CATTGGGTCAATATATTCGTTCTCGCAAGATGACTGAAATTGCCAGAAATTGAAAGAGTCTAATGAACCTATTTTGTACCTGGCGGAGCGTTACGGCTTTGAAAGT
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NcoI

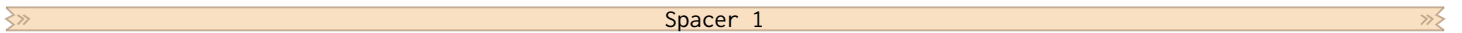
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HindIII

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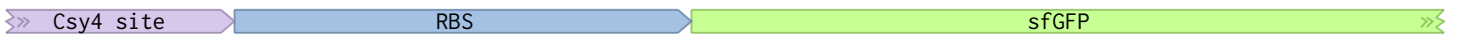


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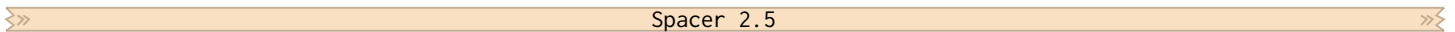
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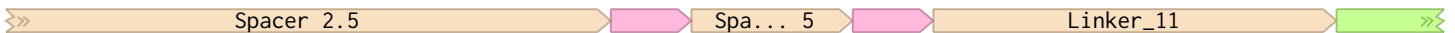
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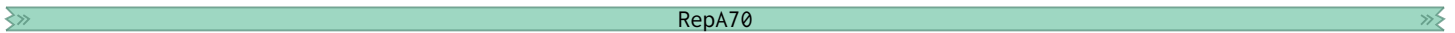
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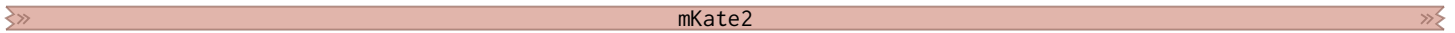
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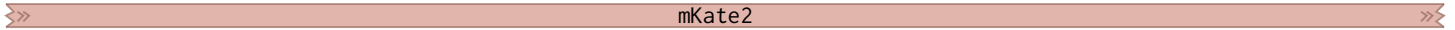
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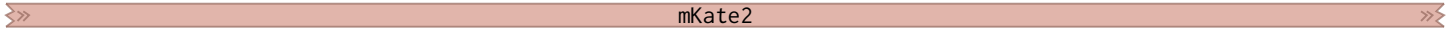
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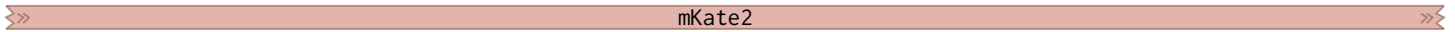
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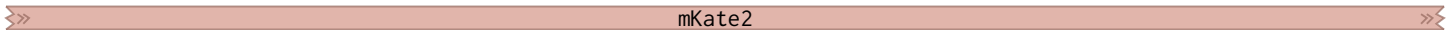
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KasI

BbvCI

AscI

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« KanR »

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« KanR »

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ColA ori »

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« ColA ori »

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« ColA ori »

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« ColA ori »

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« ColA ori »

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»» ColA ori »»

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««

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«« araC »»

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«« araC »»

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«« araC »»

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«« araC »»

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«« araC »»

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«« araC »»

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«« araC »»

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