

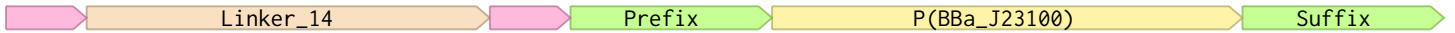
(from 1-1177 bp)

pJ2072.2_CRISPRlator (6900 bp)

EcoRI

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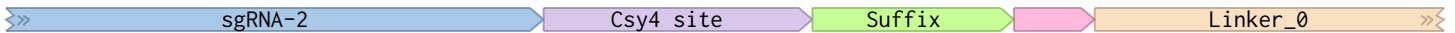


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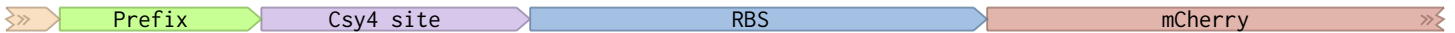


XhoI

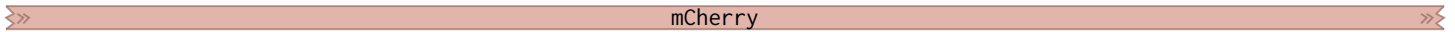
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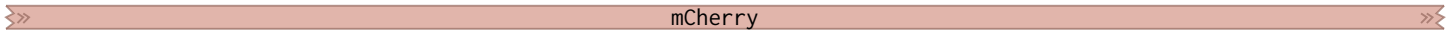
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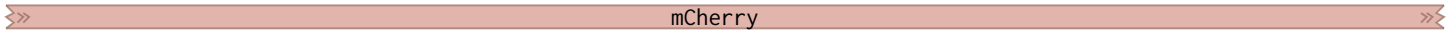
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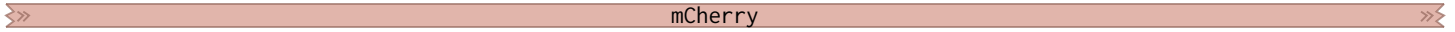
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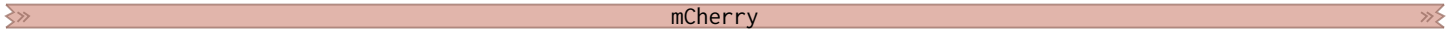
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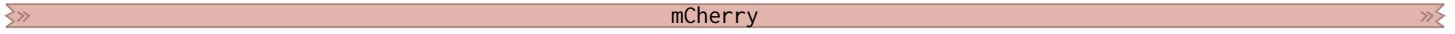
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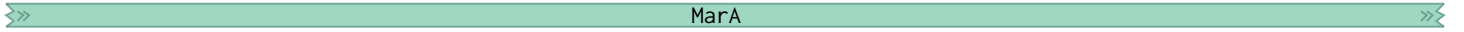


pJ2072.2_CRISPRlator (6900 bp) (from 1178-2354 bp)

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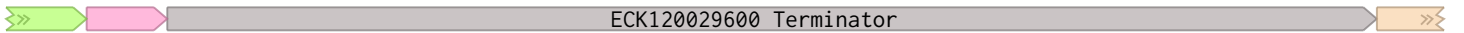


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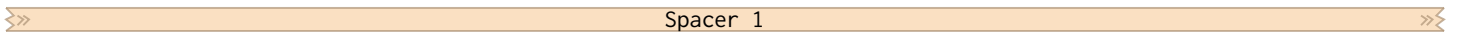


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HindIII

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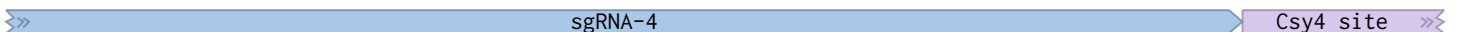
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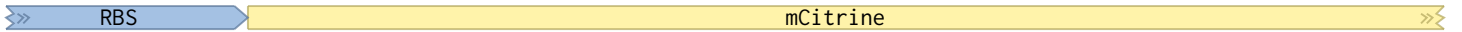
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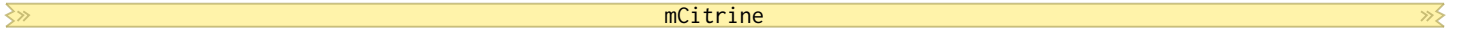


pJ2072.2_CRISPRlator (6900 bp) (from 2355-3531 bp)

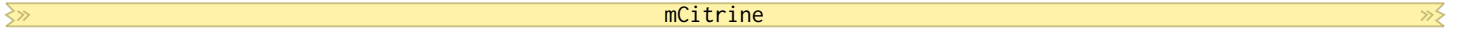
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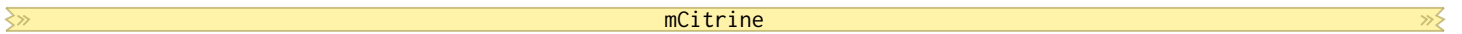
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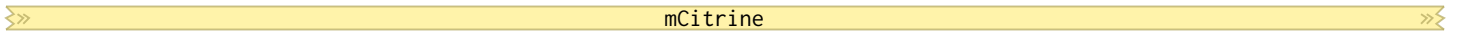
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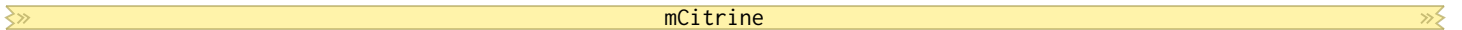
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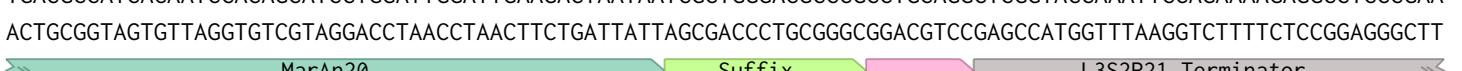
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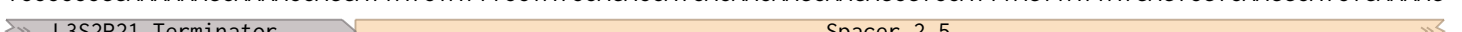
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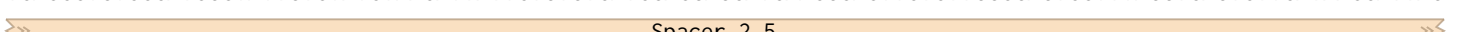
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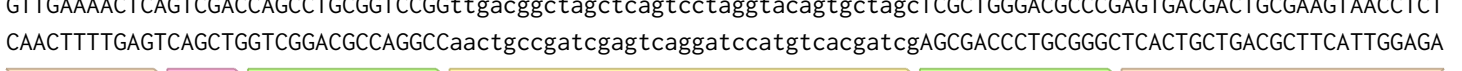
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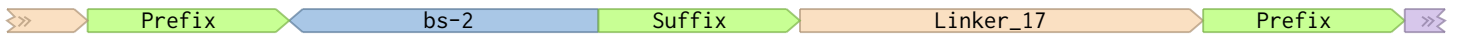


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pJ2072.2_CRISPRlator (6900 bp) (from 3532-4815 bp)

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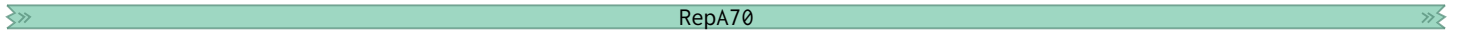
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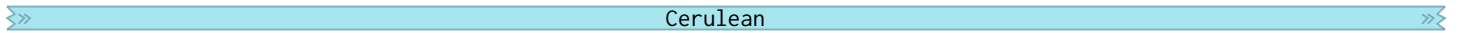
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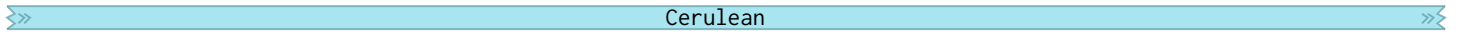
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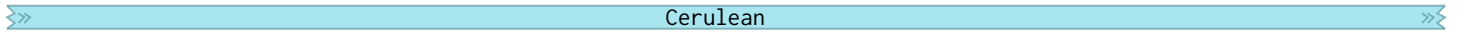
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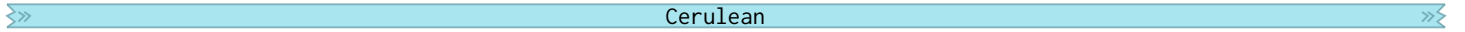
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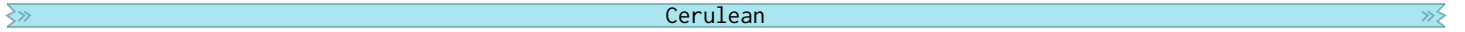
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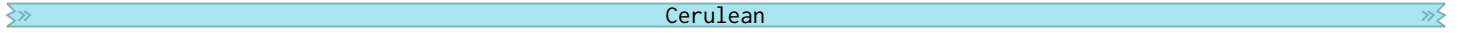
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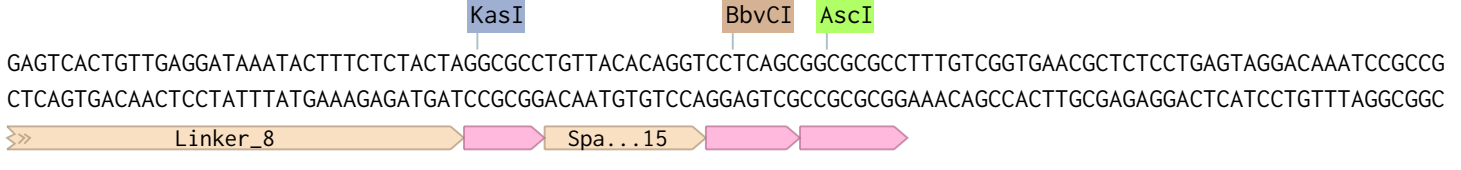
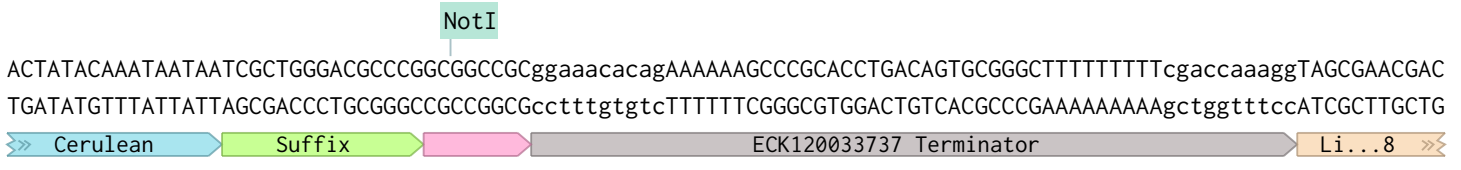
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pJ2072.2_CRISPRlator (6900 bp) (from 4816-6099 bp)



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<< KanR >>

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<< KanR >>

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<< KanR >>

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<< KanR >>

gttattcattcgtgattgvcctgagcagacgaaatacgcggtcgtgttaaaggacaattacaacaggaatcgaatgcaaccggcgcaggaacactgccagcg
caataagtaagcactaacgaggactcgtctgctttatgcccagcacaatttctgttaattgtgtccttagcttacgttgccgcgtccttgtgacggtcgc

<< KanR >>

catcaacaatattttcacctgaatcaggatattcttctaatacctggaatgctgtttccggggatcgagtggtgagtaaccatgcatcatcaggagtacggata
gtagttgtataaaagtgacttagtcctataagaagattatggacctacgacaaaagggcccctagcgtcaccactcattggtacgtagtagtctcatgcctat

<< KanR >>

aatgcttgatggtcggagaggcataaattccgtcagccagtttagtctgaccatctcatctgtaacatcattggcaacgctacctttgccatgtttcagaacaa
tttacgaactaccagccttctccgtatttaaggcagtcggtcaaatcagactggttagagtagacattgtagtaaccgttgcatggaaacggtacaaagtctttgtt

<< KanR >>

ctctggcgcacatcgggcttccatacaatcgatagattgtcgcacctgattgccgacattatcgcgagccatttataccatataaatcagcatccatgttggat
gagaccgctagcccgaagggtatgtagctatctaacagcgtgactaacgggctgtaataagcgtcgggtaaatatgggtatatttagtctgtaggtacaacctta

<< KanR >>

pJ2072.2_CRISPRlator (6900 bp) (from 6100-6900 bp)

ttaatcgccgctagagcaagacgtttccggtgaatatggctcatactcttcccttttcaatattattgaagcatttatcagggttattgtctcatgagcggatac
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»» KanR

atattggaatgtatttagaaaaataaacaataggcatgctagcgcagaaacgtcctagaagatgccaggaggatacttagcagagagacaataaggccggagcgaa
tataaacttacataaatctttttattttatccgtacgatcgcgtctttgcaggatcttctacggctcctctatgaatcgtctctctgttattccggcctcgtt

ColA ori »»

gccgttttccataggtccgccccctgacgaacatcacgaaatctgacgctcaaatcagtggtggcgaaacccgacaggactataaagataccaggcgtttcccc
cggcaaaaaggtatccgaggcgggggactgctttagtagtctttagactgcgagtttagtcaccaccgctttgggctgtcctgatatttctatggctccgaaaaggg

»» ColA ori »»

ctgatggctccctcttgcgctctcctgttcccgctctgcggcgtccgtgttgggtggaggctttacccaaatcaccacgtcccgttccgtgtagacagttcgcctc
gactaccgagggagaacgcgagaggacaagggcaggacgccgaggcacaacaccacctccgaaatgggttagtggtgcagggcaaggcacatctgtcaagcagg

»» ColA ori »»

aagctgggctgtgtgcaagaacccccgttcagcccactgctgccccttatccgtaactatcatcttgagccaacccgaaagacacgacaaaaacgacctggc
ttcgaccgacacacgttcttggggggcaagtccggctgacgacgcggaatagccattgatagtagaactcaggttgggccttctgtgctgttttgcggtgaccg

»» ColA ori »»

agcagccattgtaactgagaattagtggttttagatatcgagagtcttgaagtgggtggcctaacagaggctacactgaaaggacagtatttggtatctgcgctcca
tcgtcggtaaccattgactcttaatacctaaatctatagctctcagaacttcaccaccggattgtctccgatgtgacttctctgcataaacatagacgaggt

»» ColA ori »»

ctaaagccagttaccaggttaagcagttcccaactgacttaaccttcgatcaaacgcctccccaggcggtttttctgtttacagagcaggagattacgacgatcg
gatttcggtcaatggtccaattcgtcaaggggtgactgaattggaagctagttggcggagggtccgcaaaaaagcaaatgtctcgtcctctaatgctgtagc

»» ColA ori »»

ttaaaggatctcaagaagatcctttacggattcccacacatcactctaga
atttcctagatttctttaggaaatgcctaagggtgtggtagtgagatct

»» ColA ori