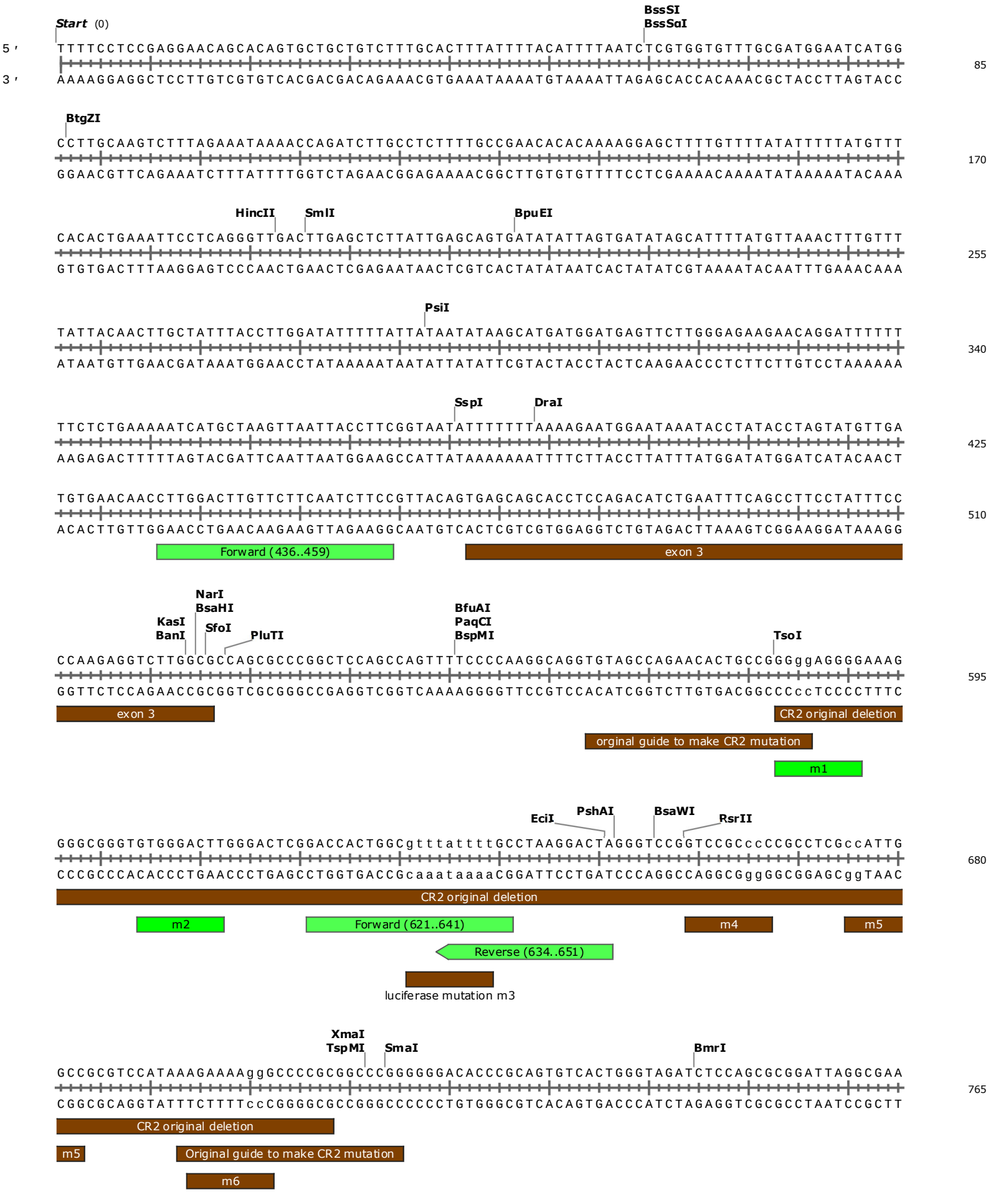
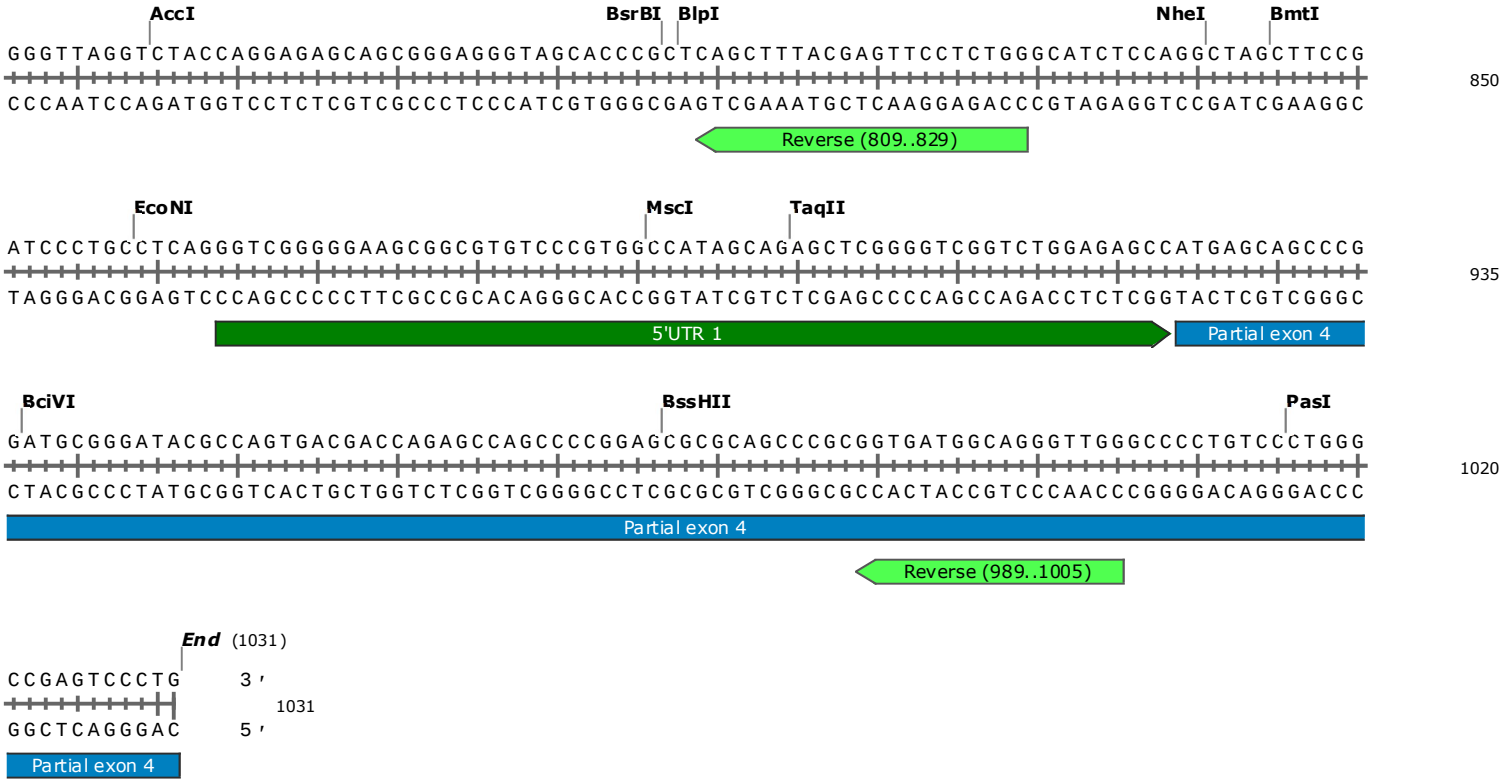

Start (0)
BssSI
BssSαI
5′ TTTTCCTCCGAGGAACAGCACAGTGCTGCTGTCTTTGCACTTTATTTTACATTTTAATCTCGTGGTGTTTGCGATGGAATCATGG
3′ AAAAGGAGGCTCCTTGTCGTGTCACGACGACAGAAACGTGAAATAAAATGTAAAATTAGAGCACCACAAACGCTACCTTAGTACC
85
BtgZI
CCTTGCAAGTCTTTAGAAATAAAACCAGATCTTGCCTCTTTTGCCGAACACACAAAAGGAGCTTTTGTTTTATATTTTTATGTTT
GGAACGTTCAGAAATCTTTATTTTGGTCTAGAACGGAGAAAACGGCTTGTGTGTTTTCCTCGAAAACAAAATATAAAAATACAAA
170
HincII
SmlI
BpuEI
CACACTGAAATTCCTCAGGGTTGACTTGAGCTCTTATTGAGCAGTGATATATTAGTGATATAGCATTTTATGTTAAACTTTGTTT
GTGTGACTTTAAGGAGTCCCAACTGAACTCGAGAATAACTCGTCACTATATAATCACTATATCGTAAAATACAATTTGAAACAAA
255
PsiI
TATTACAACTTGCTATTTACCTTGGATATTTTTATTATAATATAAGCATGATGGATGAGTTCTTGGGAGAAGAACAGGATTTTTT
ATAATGTTGAACGATAAATGGAACCTATAAAAATAATATTATATTCGTACTACCTACTCAAGAACCCTCTTCTTGTCCTAAAAAA
340
SspI
DraI
TTCTCTGAAAAATCATGCTAAGTTAATTACCTTCGGTAATATTTTTTTAAAAGAATGGAATAAATACCTATACCTAGTATGTTGA
AAGAGACTTTTTAGTACGATTCAATTAATGGAAGCCATTATAAAAAAATTTTCTTACCTTATTTATGGATATGGATCATACAACT
425
TGTGAACAACCTTGGACTTGTTCTTCAATCTTCCGTTACAGTGAGCAGCACCTCCAGACATCTGAATTTCAGCCTTCCTATTTCC
ACACTTGTTGGAACCTGAACAAGAAGTTAGAAGGCAATGTCACTCGTCGTGGAGGTCTGTAGACTTAAAGTCGGAAGGATAAAGG
510
Forward (436..459)
exon 3
NarI
BsaHI
KasI
BanI
SfoI
PluTI
BfuAI
PaqCI
BspMI
TsoI
CCAAGAGGTCTTGGCGCCAGCGCCCGGCTCCAGCCAGTTTTCCCCAAGGCAGGTGTAGCCAGAACACTGCCGGGGgAGGGGAAAG
GGTTCTCCAGAACCGCGGTCGCGGGCCGAGGTCGGTCAAAAGGGGTTCCGTCCACATCGGTCTTGTGACGGCCCccTCCCCTTTC
595
exon 3
CR2 original deletion
orginal guide to make CR2 mutation
m1
EciI
PshAI
BsaWI
RsrII
GGGCGGGTGTGGGACTTGGGACTCGGACCACTGGCgtttatttttGCCTAAGGACTAGGGTCCGGTCCGCccCCGCCTCGccATTG
CCCGCCCACACCCTGAACCCTGAGCCTGGTGACCGcaaataaaaCGGATTCCTGATCCCAGGCCAGGCGggGGCGGAGCggTAAC
680
CR2 original deletion
m2
Forward (621..641)
m4
m5
Reverse (634..651)
luciferase mutation m3
XmaI
TspMI
SmaI
BmrI
GCCGCGTCCATAAAGAAAAggGCCCCGCGGCCCGGGGGGACACCCGCAGTGTCACTGGGTAGATCTCCAGCGCGGATTAGGCGAA
CGGCGCAGGTATTTCTTTTccCGGGGCGCCGGGCCCCCCTGTGGGCGTCACAGTGACCCATCTAGAGGTCGCGCCTAATCCGCTT
765
CR2 original deletion
m5
Original guide to make CR2 mutation
m6


AccI
BsrBI
BlpI
NheI
BmtI
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CCCAATCCAGATGGTCCTCTCGTCGCCCTCCCATCGTGGGCGAGTCGAAATGCTCAAGGAGACCCGTAGAGGTCCGATCGAAGGC
850
Reverse (809..829)
EcoNI
MscI
TaqII
ATCCCTGCCTCAGGGTCGGGGGAAGCGGCGTGTCCCGTGGCCATAGCAGAGCTCGGGGTCGGTCTGGAGAGCCATGAGCAGCCCG
TAGGGACGGAGTCCCAGCCCCCTTCGCCGCACAGGGCACCGGTATCGTCTCGAGCCCCAGCCAGACCTCTCGGTACTCGTCGGGC
935
5'UTR 1
Partial exon 4
BciVI
BssHII
PasI
GATGCGGGATACGCCAGTGACGACCAGAGCCAGCCCCGGAGCGCGCAGCCCGCGGTGATGGCAGGGTTGGGCCCCTGTCCCTGGG
CTACGCCCTATGCGGTCACTGCTGGTCTCGGTCGGGGCCTCGCGCGTCGGGCGCCACTACCGTCCCAACCCGGGGACAGGGACCC
1020
Partial exon 4
Reverse (989..1005)
End (1031)
CCGAGTCCCTG 3′
1031
GGCTCAGGGAC 5′
Partial exon 4

DNA Type: Synthetic DNA

Methylation: Dam⁻ Dcm⁻ EcoKI⁻

Description:

Created: Jun 20, 2024
Last Modified: Jun 20, 2024

Accession Number:
Code Number:

Sequence Author:

Comments:

References:
Embedded Files: