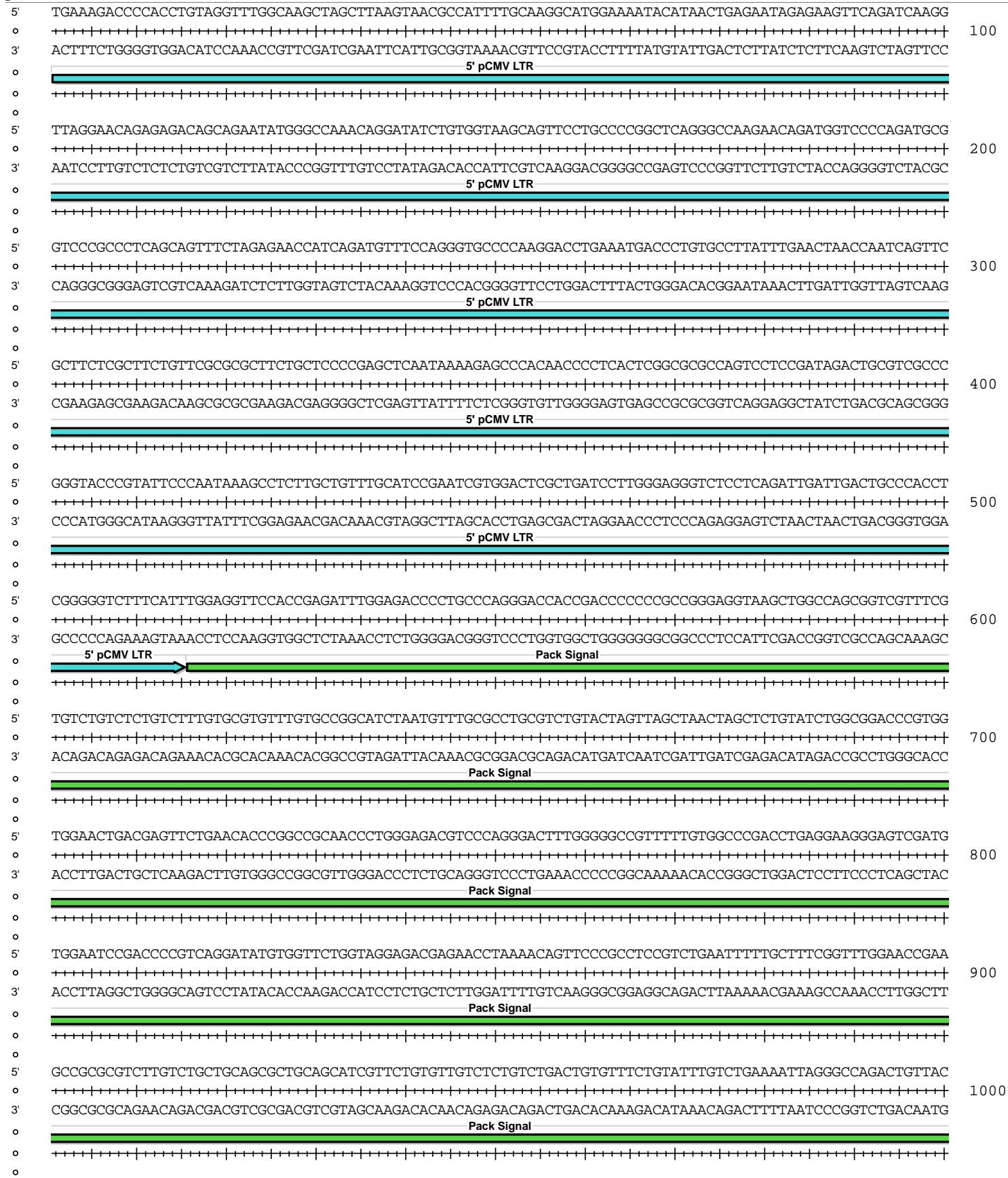
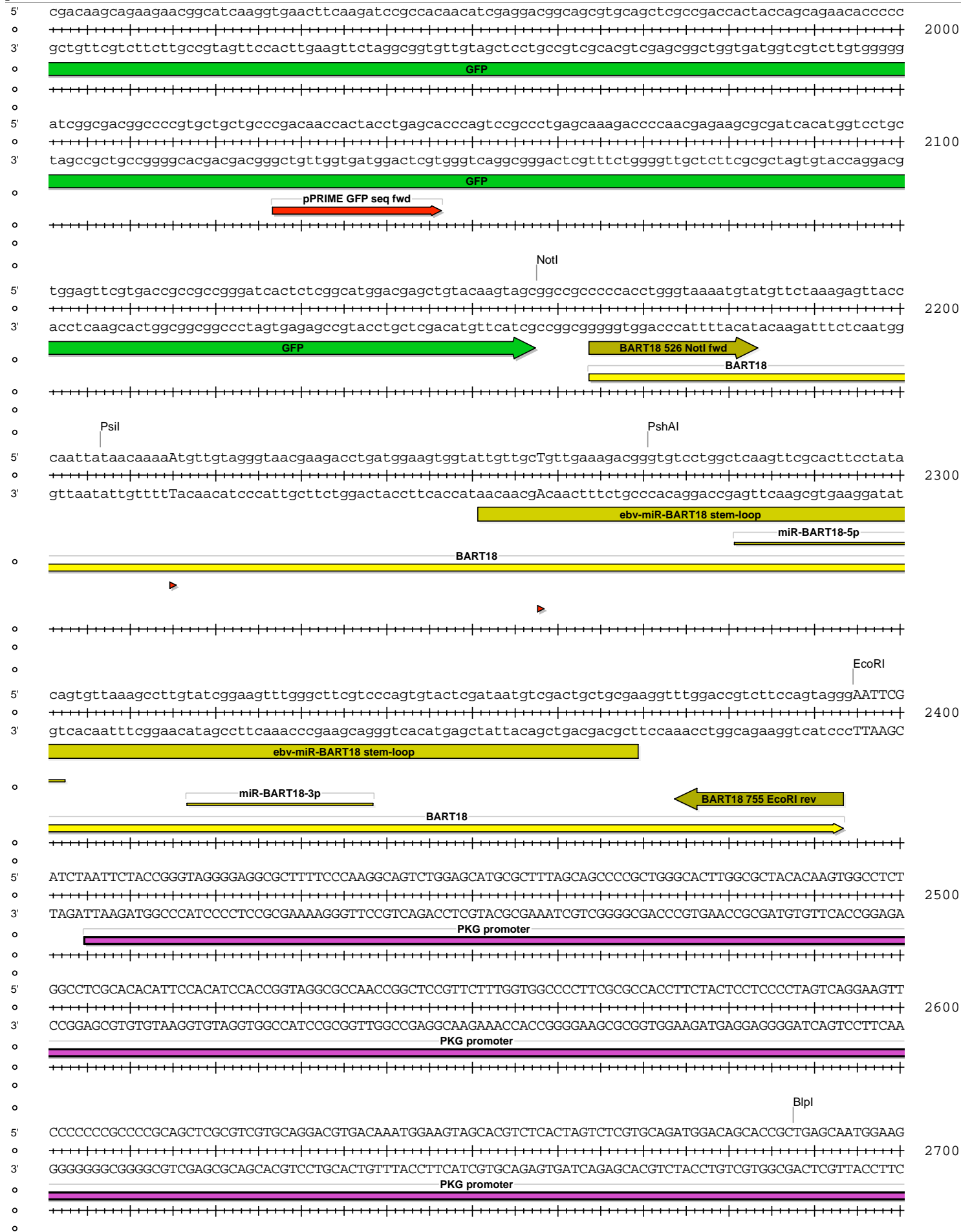
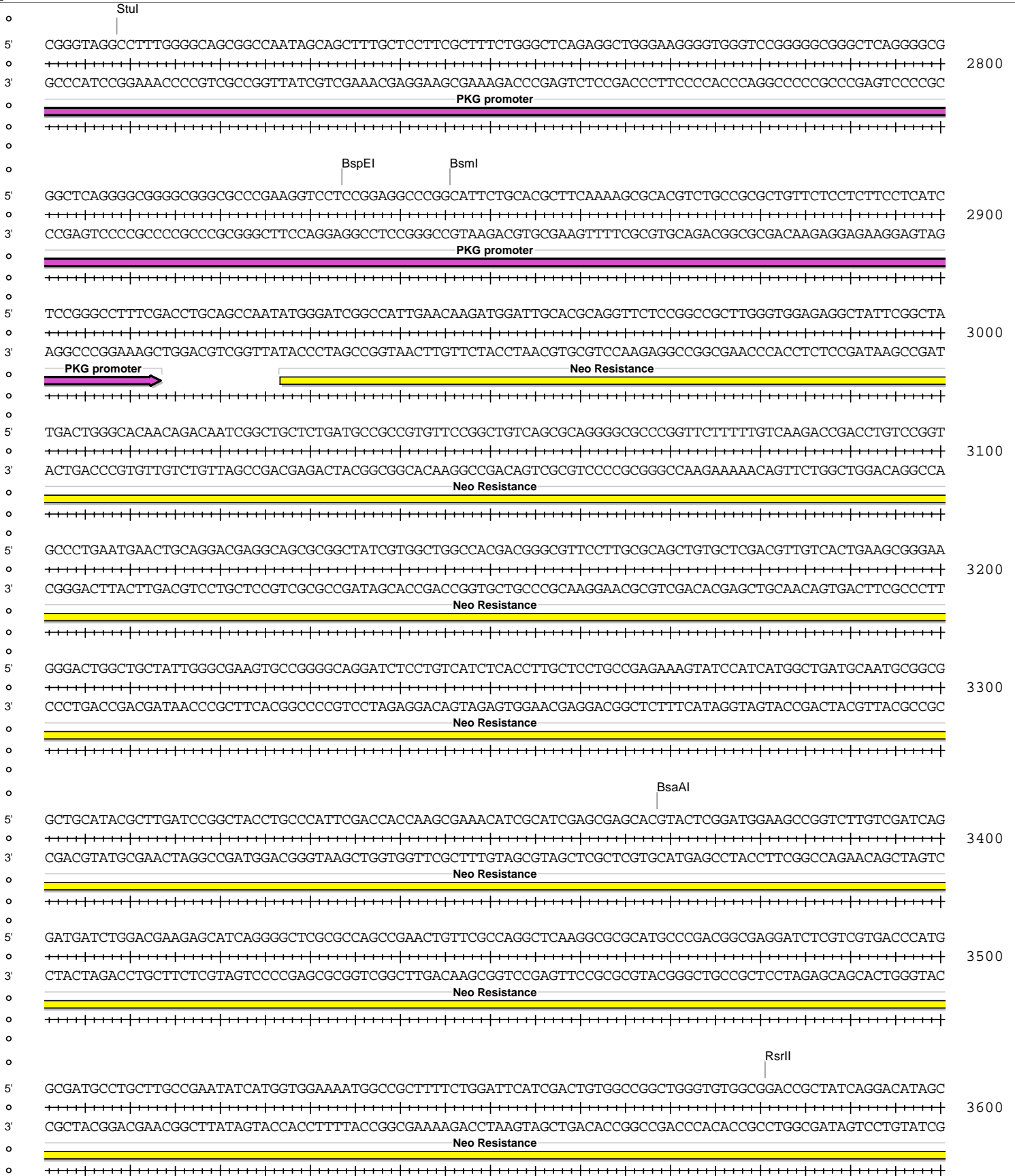


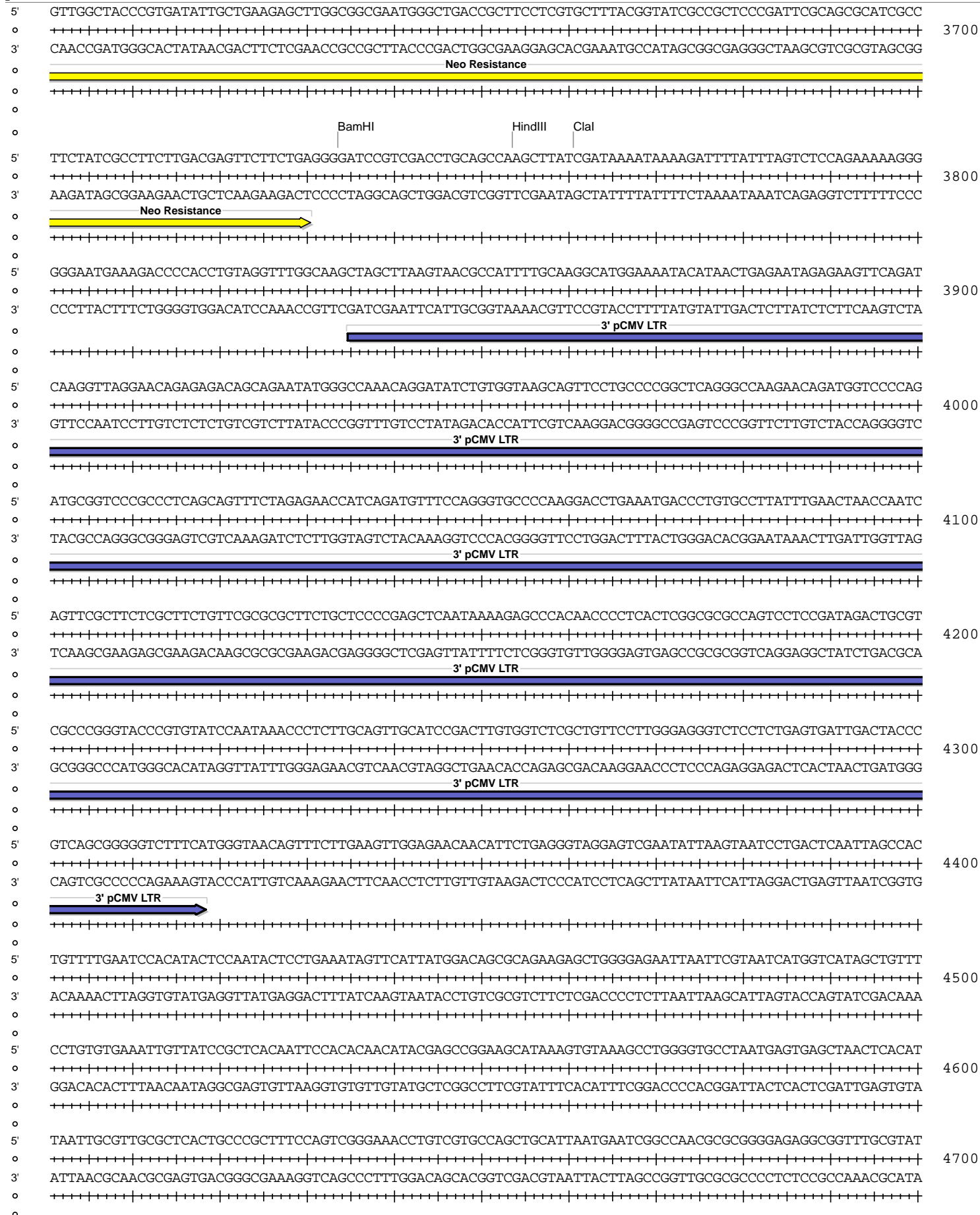
Absent Sites	0	AarI, AbsI, AjuI, AjuI', AlfI, AlfI', ApaI, AsiSI, AvrII, BarI, BarI', BclI, BpII, BpII', BsaBI, BsiWI, BstBI, BstXI, BstZ17I, CspCI, CspCI', DraIII, FseI, FspAI, HpaI, MauBI, MfeI, MluI, MreI, NruI, NsiI, PaeI, PfiMI, PmeI, PmlI, PspOMI, PspXI, PspXI', PstI, PstI', SacII, SanDI, SbfI, SfiI, SgrDI, SnaBI, SrfI, SwaI, XcmI, XhoI
AfIII	1	4830
ArsI	1	1732
ArsI'	1	1700
BamHI	1	3734
BglIII	1	1411
BplI	1	2688
BsaAI	1	3369
BsmI	1	2846
BspEI	1	2834
BstEII	1	1089
Clal	1	3761
EcoRI	1	2395
HindIII	1	3754
NdeI	1	6894
NotI	1	2158
PciI	1	4830
PshAI	1	2271
PsiI	1	2207
RsrII	1	3581
Scal	1	6203
SexAI	1	1217
SgrAI	1	7266
StuI	1	2709











5' TTGCCGGGAAGCTAGAGTAAGTAGTTCGCCAGTTAATAGTTTGCAGCACGTGGTTGCCATTGCTACAGGCATCGTGGTGTACAGCTCGTCGTTTGGTATG
o +-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
3' AACGGCCCTTCGATCTCATTTCATCAAGCGGTCAATTATCAAACGCGTGGCAACAACGGTAACGATGTCCGTAGCACACAGTGGCAGCAGCAAACCATA
o
o
o
o
o
5' GCTTCAATTCAGCTCCGTTCCCAACGATCAAGGCGAGTTACATGATCCCCATGTTGTGCAAAAAGCGGTTAGCTCCTTCGGTCCCGATCGTTGTCA
o +-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
3' CGAAGTAAGTCGAGGCCAAGGTTGCTAGTTCGCTCAATGTACTAGGGGTTACAACACGTTTTCGCAATCGAGGAAGCCAGGAGGCTAGCAACAGT
o
o
o
o
o
5' GAAGTAAGTTGGCCGCGAGTGTATCACTCATGGTTATGGCAGCACTGCATAAATTCTTACTGTATGCCATCCGTAAGATGCTTTCGTGTACTGGTGA
o +-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
3' CTTCAATTCACCGGCGTCACAATAGTGAGTACCAATACCGTCGTGACGTATTAAGAGAATGACAGTACGGTAGGCATTCACGAAAAGACACTGACCACT
o
o
o
o
o
o
o
o
o
Scal
5' GTACTCAACCAAGTCATTCTGAGAATAGTGATGCGGGGACCGAGTGGCTCTGGCCCGCGTCAATACGGGATAATACCGGCCACATAGCAGAACTTTA
o +-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
3' CATGAGTTGGTTTCAGTAAGACTCTTATCACATACGCGTGGCTCAACGAGAACGGGCGCAGTTATGCCCTATTATGGCGCGGTGATCGTCTTGAAAT
o
o
o
o
o
o
5' AAAGTGCTCATCATTGGAAAACGTTCTTCGGGGCGAAAACCTCAAGGATCTTACCCTGTTGAGATCCAGTTCGATGTAAACCCACTCGTGCACCCAACT
o +-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
3' TTTCACGAGTAGTAACCTTTTGAAGAAGCCCCGCTTTTGAGAGTTCCCTAGAATGGCGACAACCTCTAGGTCAAGCTACATTTGGGTGAGCACGTGGGTTGA
o
o
o
o
o
o
5' GATCTTCAGCATCTTTACTTTTACCAGCGTTTCTGGGTGAGCAAAAACAGGAAGGCAAAAATGCCGCAAAAAGGGAATAAGGGCGACACGGAAATGTTG
o +-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
3' CTAGAAGTCGTAGAAAATGAAAGTGGTCGAAAGACCCTCGTCTTGTCTTCCGTTTTACGGCGTTTTTCCCTTATTCGCCGCTGTGCCTTTTACAAC
o
o
o
o
o
o
5' AATACTCATACTCTTCTTTTCAATATATTGAAGCATTTATCAGGGTTATTGTCTCATGAGCGGATACATATTTGAATGTATTTAGAAAAATAAACAA
o +-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
3' TTATGAGTATGAGAAGGAAAAGTTATAATAACTTCGTAATAGTCCCAATAACAGAGTACTCGCTATGTATAAACTTACATAAATCTTTTATTTGTT
o
o
o
o
o
o
o
o
o
Amp res
5' ATAGGGTTCGCGCACATTTCCCGAAAAGTGCCACCTGACGTCTAAGAAACCATATTATCATGACATTAACCTATAAAAAATAGGCGTATCACGAGGC
o +-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
3' TATCCCAAGGCGCGTGTAAAGGGGCTTTTACGGTGGACTGCAGATTCTTGGTAAATAAGTAGTACTGTAATTGGATATTTTTATCCGCATAGTGCCTCG
o
o
o
o
o
o
5' CCTTTCGTCTCGCGCTTTCGGTGATGACGGTGA AACCTCTGACACATGCAGCTCCCGGAGACGGTCACAGCTTGTCTGTAAGCGGATGCCGGGAGCAG
o +-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
3' GGAAAGCAGAGCGCAAAGCCACTACTGCCACTTTGGAGACTGTGTACGTGAGGGCCTCTGCCAGTGTCGAACAGACATTCCCTACGGCCCTCGTC
o
o
o
o
o
o
o
o
o
o
Ndel
5' ACAAGCCGTCAGGGCGGTGACGGGTGTTGGCGGTGTCGGGCTGGCTTAACATATGCGGCATCAGAGCAGATTGTACTGAGAGTGCACCATATGCGG
o +-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
3' TGTTCGGGCGAGTCCGCGCAGTCGCCACAAACCAGCAGCCCGGACCGAATTGATACCGGTAGTCTCGTCTAACAATGACTCTCACGTGGTATACGCC
o
o
o
o
o
o
5' TGTGAAATACCGCACAGATGCGTAAGGAGAAAAATACCGCATCAGGCGCCATTCGCCATTCAGGCTGCGCAACTGTTGGGAAGGGCGATCGGTGCGGGCCT
o +-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
3' ACATTTTATGGCGTGTCTACGCATTCTCTTTTTATGGCGTAGTCCGCGGTAAGCGGTAAGTCCGACCGTTGACAACCTTCCCGCTAGCCACGCCCCGA
o
o
o
o
o
o

6000
6100
6200
6300
6400
6500
6600
6700
6800
6900
7000

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5'   CTTCGCTATTACGCCAGCTGGCGAAAGGGGATGTGCTGCAAGGCGATTAAGTTGGGTAACGCCAGGGTTTCCAGTCACGACGTTGTAAAACGACGGC
o   ++++++
3'   GAAGCGATAATGCGGTCGACCGCTTCCCCCTACACGACGTTCCGCTAATTCAACCCATTGCGGTCCCAAAGGGTCAGTGTGCAACATTTTGTGCGCG
o   ++++++
o
5'   GCAAGGAATGGTGCATGCAAGGAGATGGCGCCCAACAGTCCCCCGCCACGGGGCCTGCCACCATACCCACGCCGAAACAAGCGCTCATGAGCCCGAAGT
o   ++++++
3'   CGTTCCTTACCACGTACGTTCTTCTACCGCGGGTTGTCTAGGGGGCCGGTGCCCCGACGGTGGTATGGGTGCGGCTTTGTTCGCGAGTACTCGGGCTCA
o   ++++++
o
o
o
                               SgrAI
                              |
5'   GGCGAGCCCGATCTTCCCATCGGTGATGTCTGGCGATATAGGCGCCAGCAACCGCACCTGTGGCGCCGGTGATGCCGGCCACGATGCGTCCGGCGTAGAG
o   ++++++
3'   CCGCTCGGGCTAGAAGGGGTAGCCACTACAGCCGCTATATCCGCGGTCGTTGGCGTGGACACCGCGGCCACTACGGCCGGTGCTACGCAGGCCGATCTC
o   ++++++
o
5'   GCGATTAGTCCAATTTGTTAAAGACAGGATATCAGTGGTCCAGGCTCTAGTTTTGACTCAACAATATCACCAGCTGAAGCCTATAGAGTACGAGCCATAG
o   ++++++
3'   CGCTAATCAGGTAAACAATTTCTGTCTTATAGTACAGGTCCGAGATCAAACCTGAGTTGTTATAGTGGTGCCTCCGATATCTCATGCTCGGTATC
o   ++++++
o
5'   ATAAAATAAAAGATTTTATTTAGTCTCCAGAAAAGGGGGAA
o   ++++++
3'   TATTTTATTTTCTAAAATAAATCAGAGGTCTTTTCCCCCCTT
o   ++++++
o

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7100
7200
7300
7400
7443