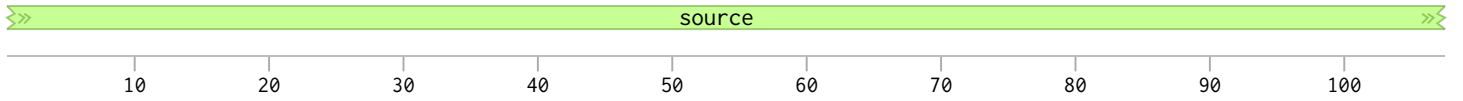
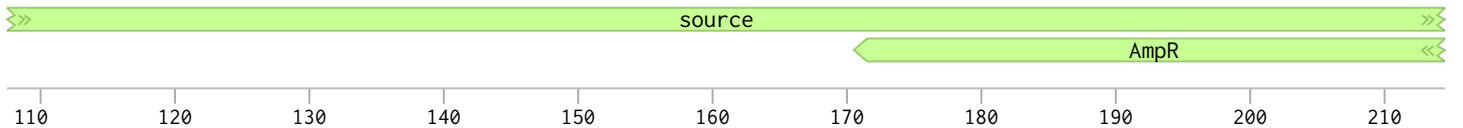


mu6-mClover-gRNA-Sa-mScarlet-optlig (8625 bp)

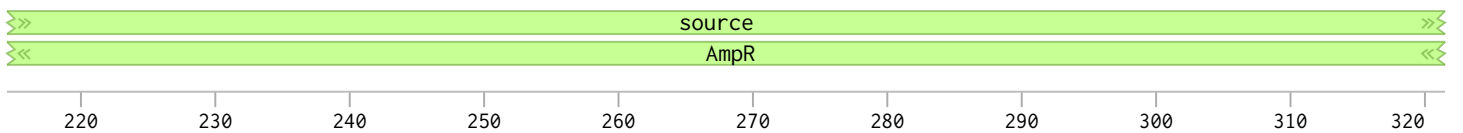
gaagatcctttgatcttttctacggggtctgacgctcagtggaacgaaaactcacgttaagggttttggtcatgagattatcaaaaaggatcttcacctagatcct
cttctaggaaactagaaaagatgccccagactgcgagtcaccttgcttttgagtgaattccctaaaaccagtactctaatagtttttcctagaagtggatctagga



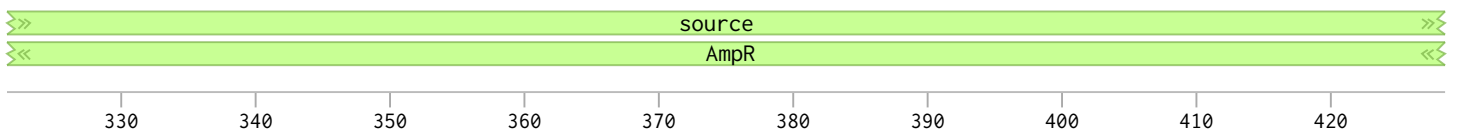
ttaaattaaaaatgaagttttaaataaatcaatctaaagtatatatgagtaaacttggctgacagttaccaatgcttaatacagtgaggcacctatctcagcgatctgtc
aaatttaatttttacttcaaaaattagtagattcatatatactcatttgaaccagactgtcaatggttacgaattagtcactccgtggatagagtcgctagacag



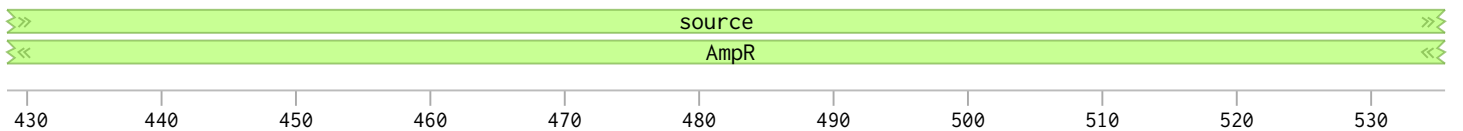
tatttcgttcatccatagttgcctgactccccgtcgtgtagataactacgatacgggagggttaccatctggccccagtgctgcaatgataccgcgagaccacgc
ataaagcaagtaggtatcaacggactgaggggcagcacatctattgatgctatgccctcccgaatggtagaccggggtcacgacgttactatggcgctctgggtgcg



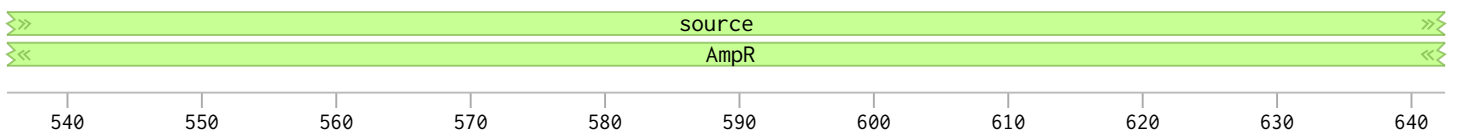
tcaccggctccagatttatcagcaataaaccagccagccggaagggccgagcgcagaagtggctctgcaacttatccgcctccatccagtctattaattggtgccg
agtggccgaggtctaaatagtcggtatttggctcggtcggccttcccggctcgcgtcttcaccaggacgttgaatagggaggtaggtcagataattaacaacggc

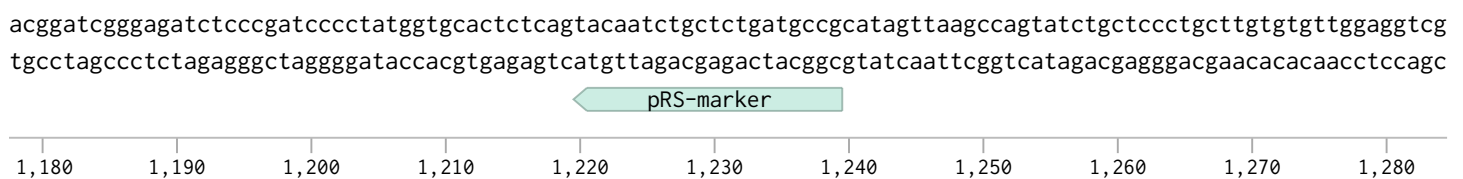
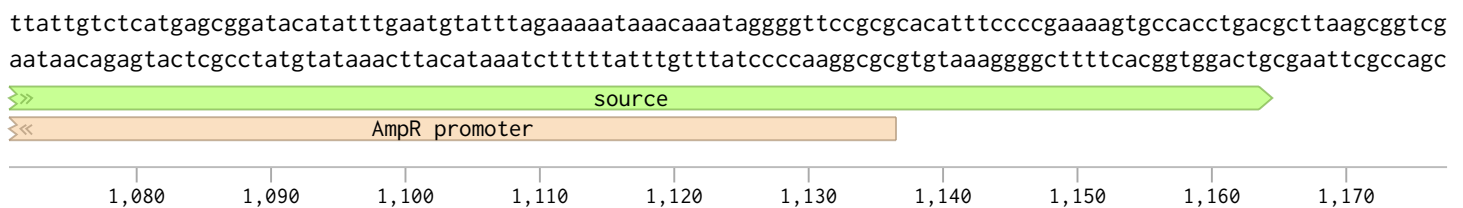
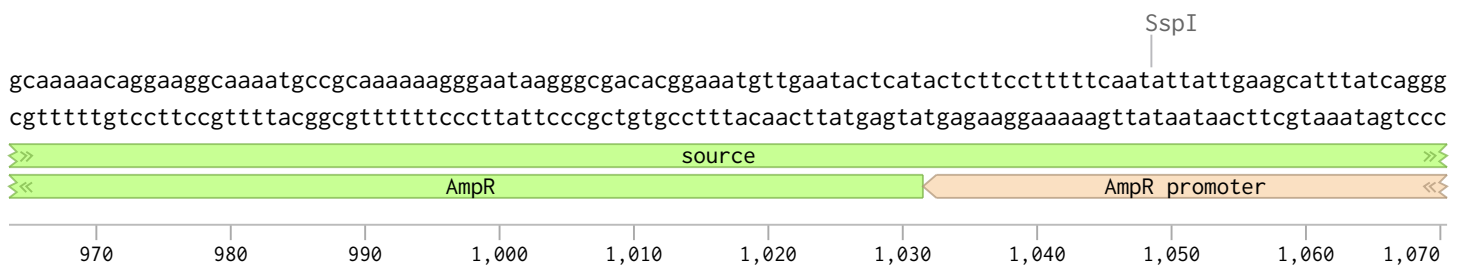
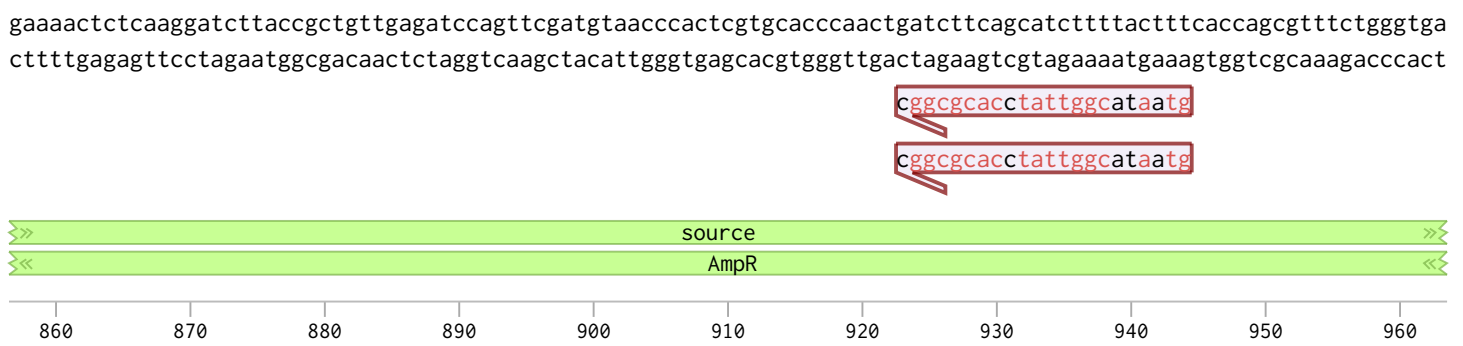
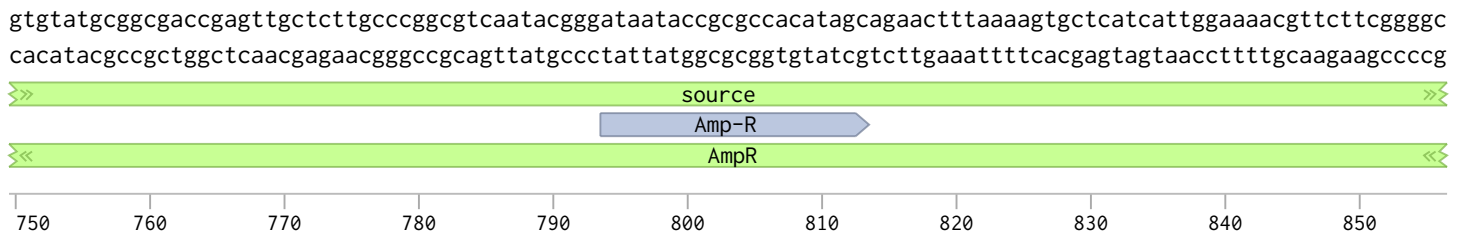
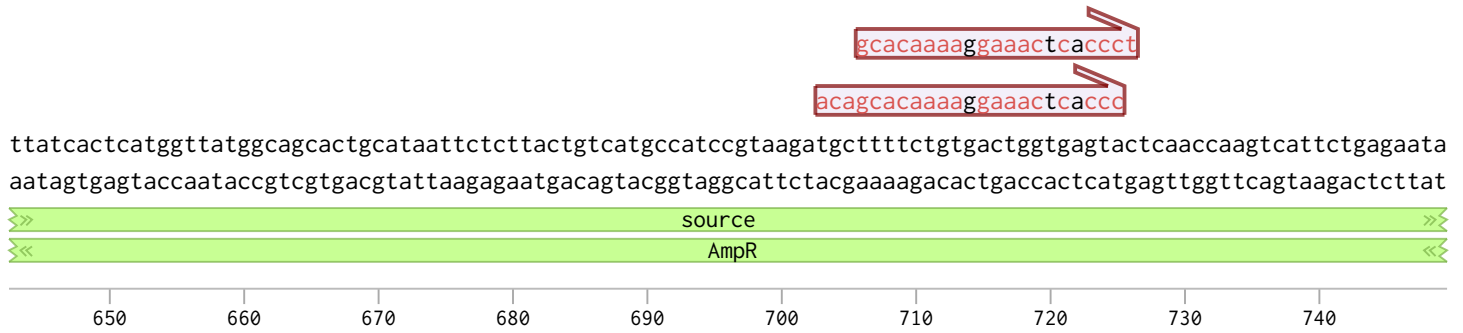


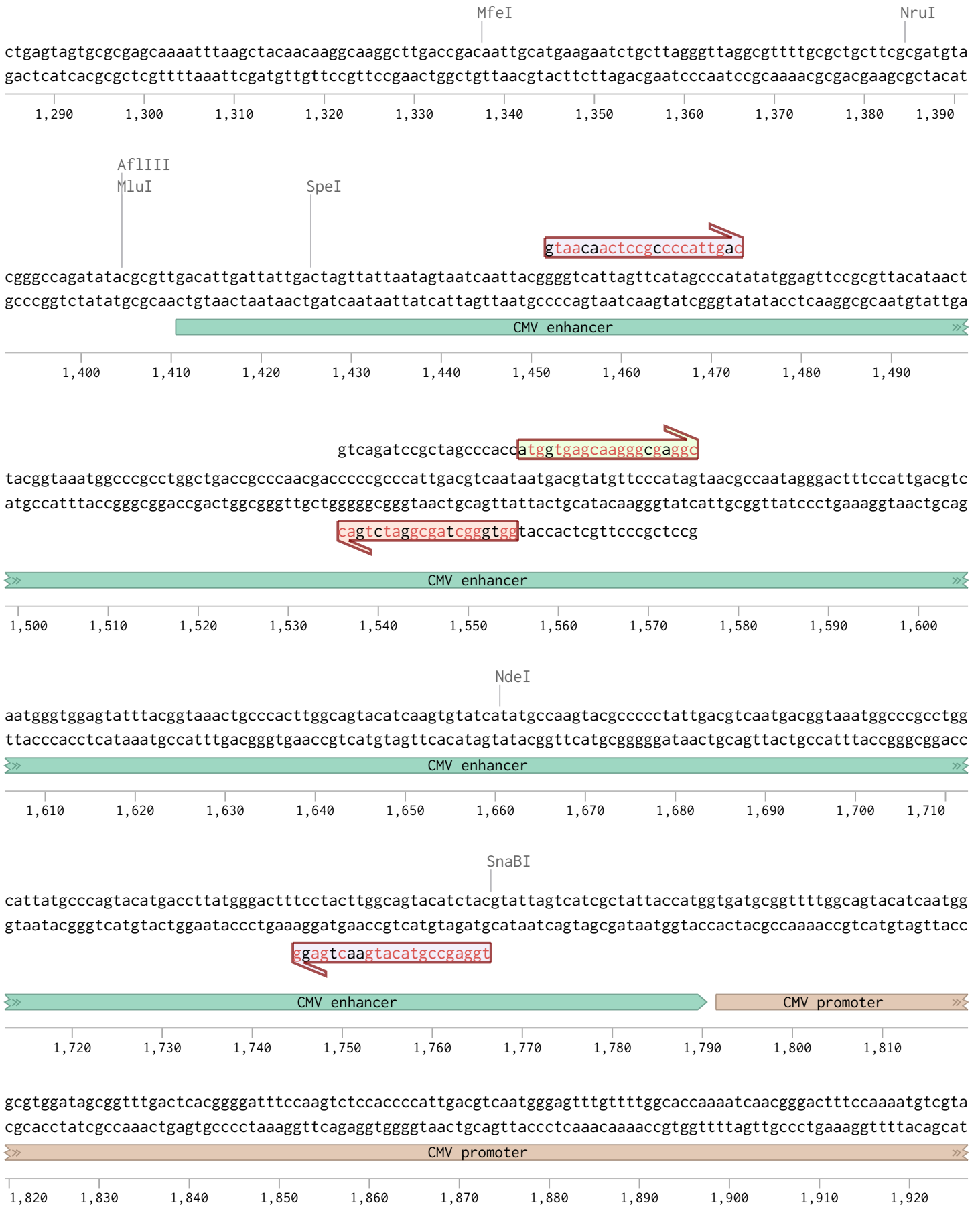
ggaagctagagtaagtagttcggcagttaatagtttgcgcaacgttgttgccattgctacaggcatcgtggtgtcacgctcgtcgtttggtatggcttcattcagct
ccttcgatctcattcatcaagcggtaattatcaaacgcttgcaacaacggtaacgatgtccgtagcaccacagtcgagcagcaaacataccgaagtaagtcca



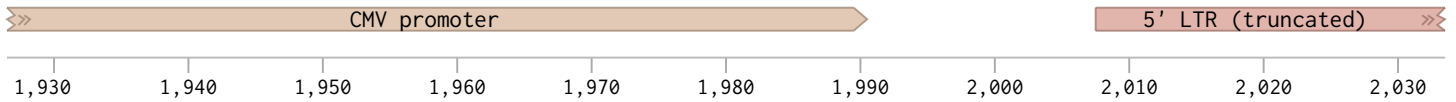
ccggttccaacgatcaaggcgagttacatgatccccatgttgtgcaaaaaagcggttagctccttcggtcctccgatcgttgtcagaagtaagtggccgcagtg
ggccaaggttgctagttccgctcaatgtactaggggtacaacacgttttttcgccaatcgaggaagccaggaggctagcaacagtcctcattcaaccggcgtcac



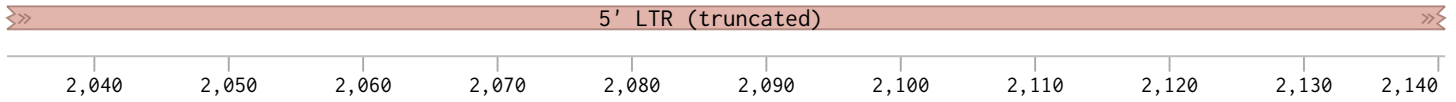




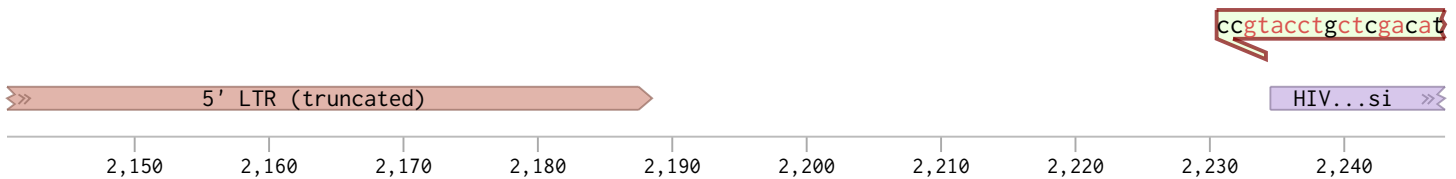
acaactccgccccattgacgcaaatgggtaggtagggtgtacggtaggaggtctatataagcagcgcgttttgcctgtactgggtctctctggtagaccagatctg
tgttgaggcgggtaactgctgttacccgccatccgcacatgccaccctccagatatattcgtcgcgcaaacggacatgaccagagagaccaatctggtctagac



agcctgggagctctctggctaactaggaaccactgcttaagcctcaataaagcttgccttgagtgttcaagtagtgtgtgccgtctgttgtgtgactctggta
tcggaccctcgagagaccgattgatcccttgggtgacgaatcggagttatttcaacggaaactcacgaagtcatcacacacgggcagacaacacactgagaccat

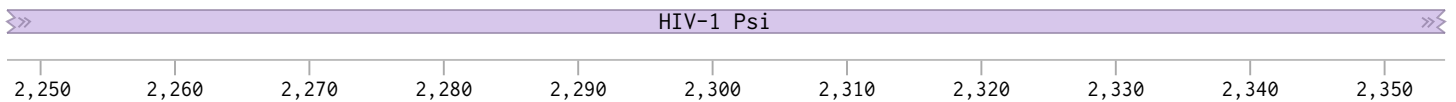


actagagatccctcagacccttttagtcagtgtgaaaatctctagcagtggcggccgaacaggacttgaaagcgaagggaacagaggagctctctcgacgca
tgcctctaggagctctgggaaaatcagtcacaccttttagagatcgtcaccgagggtgtccctgaacttgcctttccctttggctcctcagagagctgcgt

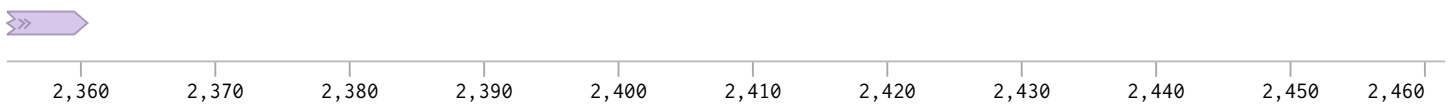


caaggaattcgtcgaggacctaataa

ggactcggcttgctgaagcgcgcacggcaagaggcgagggcgggcactgggtgagtacgcaaaaatttgactagcggaggctagaaggagagagatgggtgcgag
cctgagccgaacgacttcgcgctgcccgttctccgctccccgccgctgaccactcatgcggtttttaaactgatcgctccgatcttctctctctaccacgctc
gttccttaagcagctccctggatt



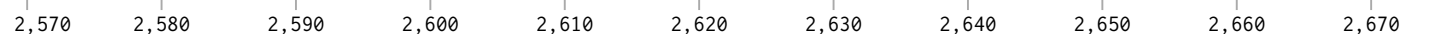
agcgtcagtatataagcgggggagaattagatcgcgatgggaaaaaattcggttaaggccaggggaaagaaaaatataaattaaacatatagtagggcaagcag
tcgagtcataattcggccctcttaattctagcgtacccttttttaagcaatccggtcccccttctttttatatttaatttgtatatcataccggtctgctc

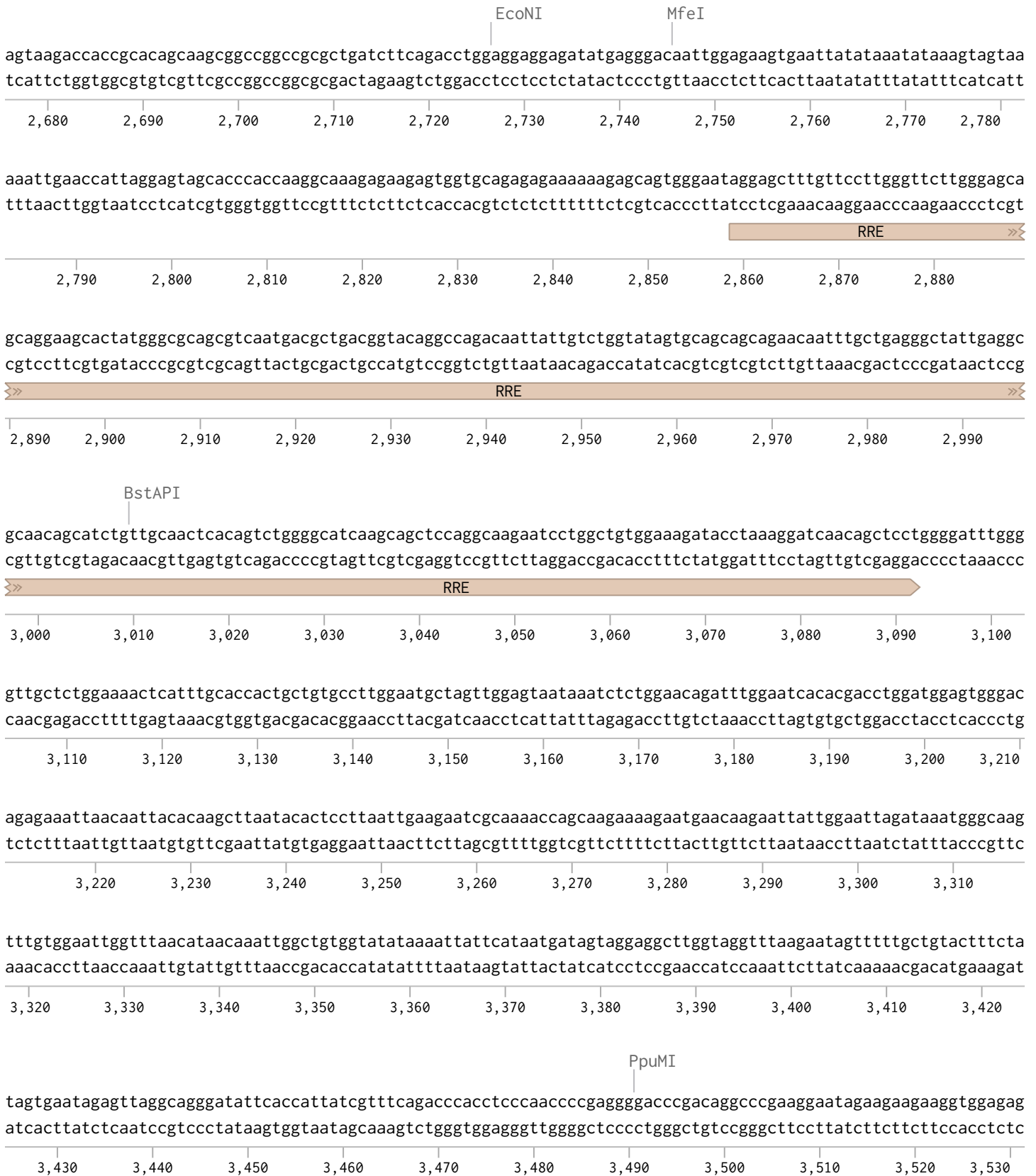


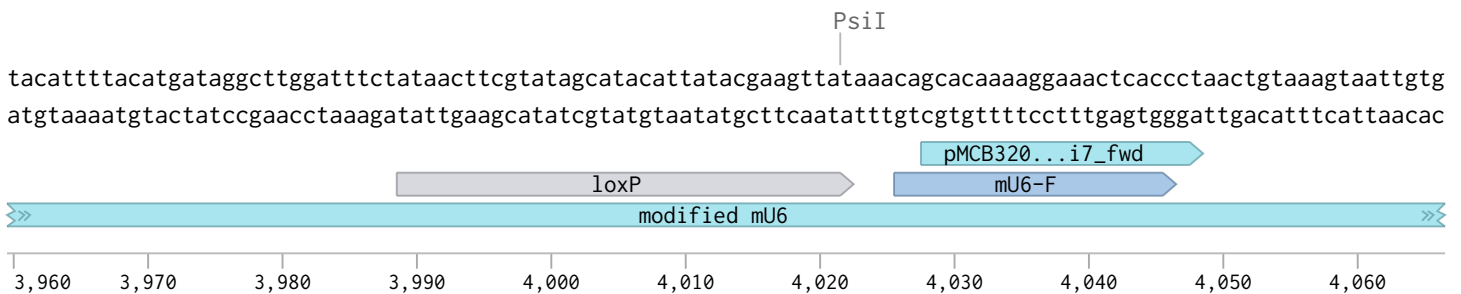
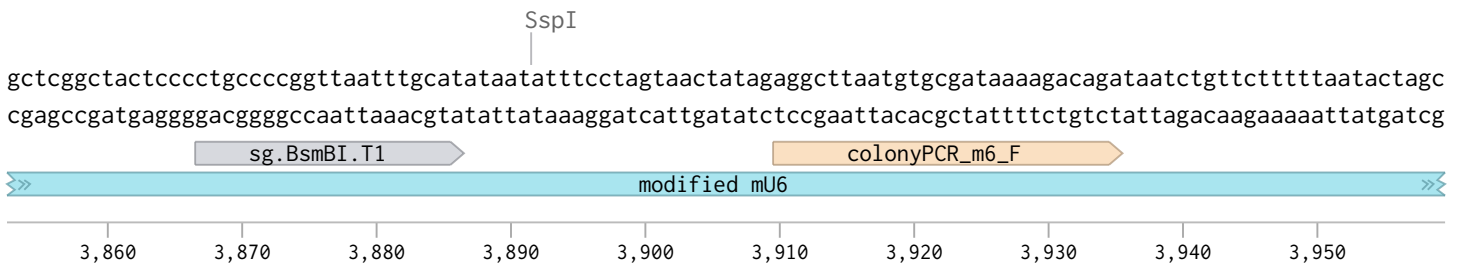
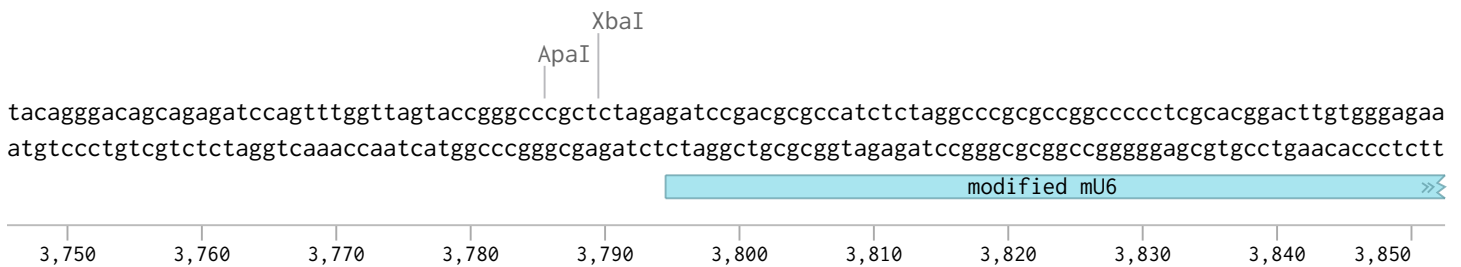
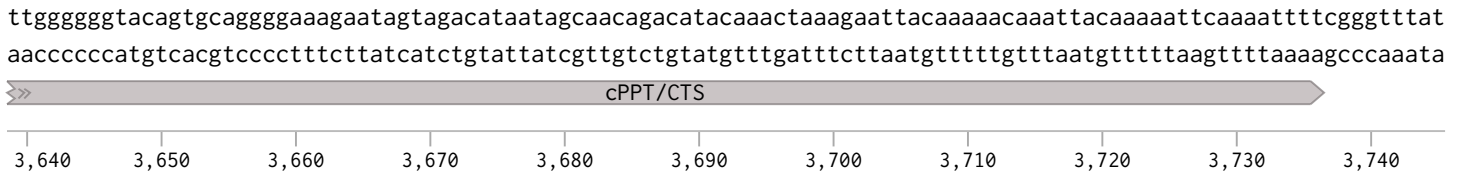
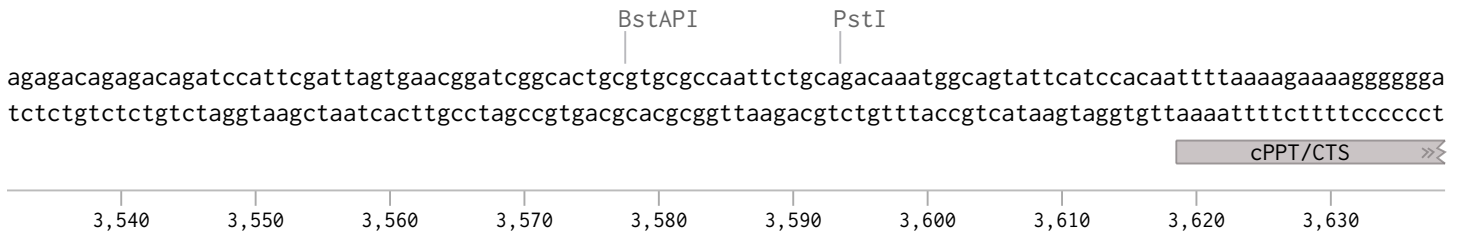
ggagctagaacgattcgcagttaatcctggcctgttagaaacatcagaaggctgtagacaataactgggacagctacaaccatcccttcagacaggatcagaagaac
cctcgatcttgctaagcgtcaattaggaccggacaatctttagtagtctccgacatctgtttatgacctgtcgatgttgtaggaagtctgtcctagtctctctg

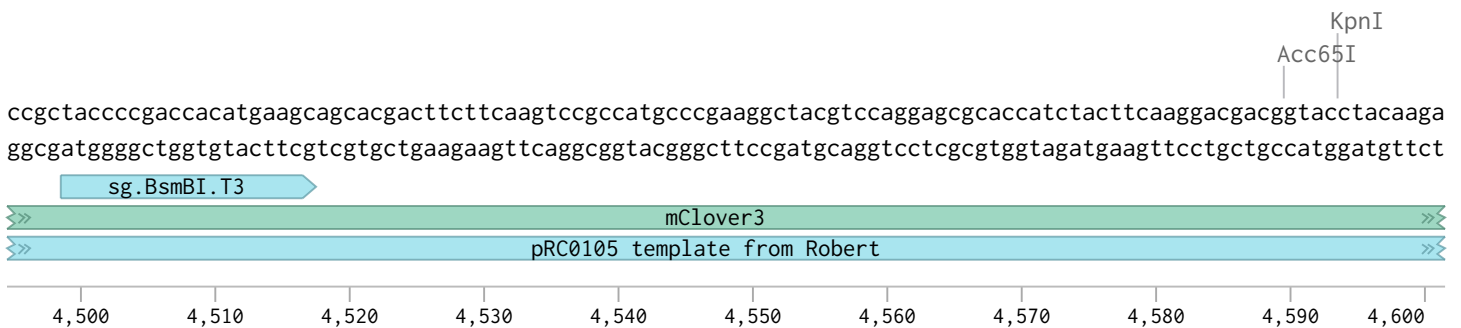
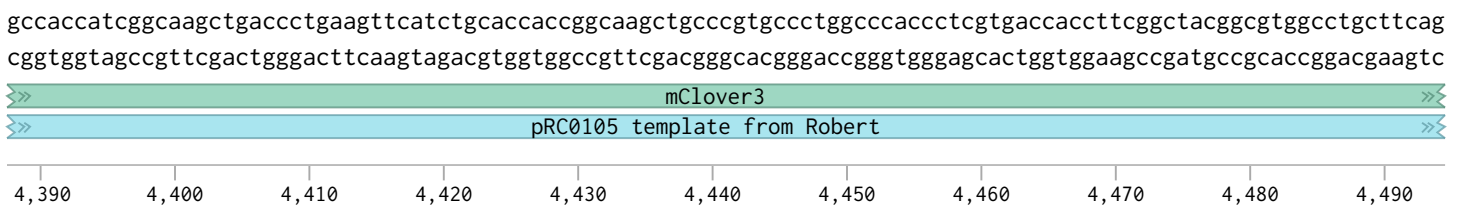
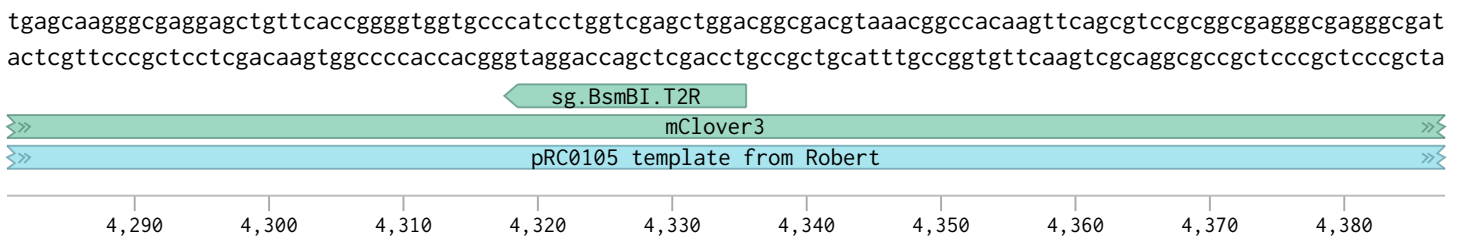
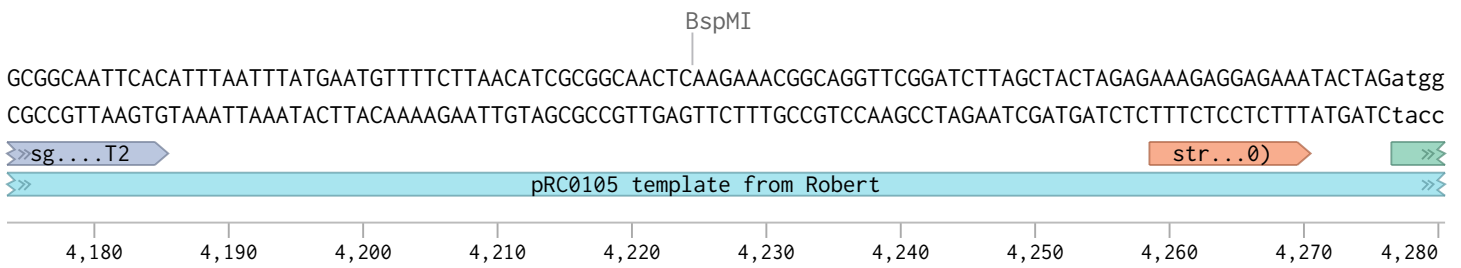
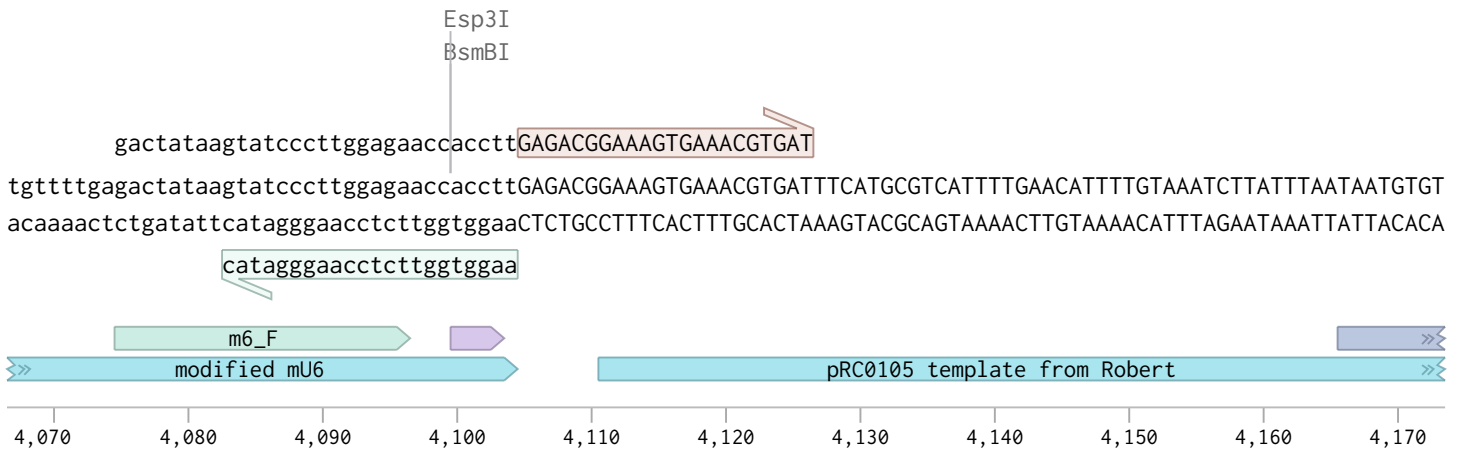


ttagatcattatataatacagtagcaaccctctattgtgtgcatcaaaggatagagataaaagacaccaaggaagctttagacaagatagaggaagagcaaaaacaa
aatctagtaatatattatgtcatcgttgggagataaacacacgtagtttccatctctatttctgtggttccttcgaaatctgttctatctccttctcgtttgttt

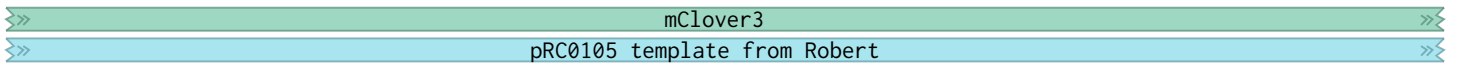






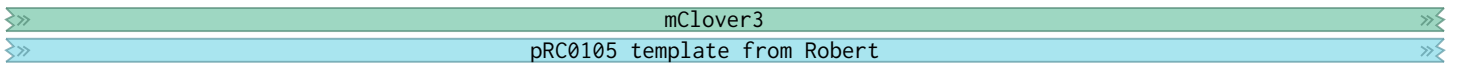


cccgcgccgagggtgaagttcgagggcgacaccctggtgaaccgcatcgagctgaaggcatcgacttcaaggaggacggcaacatcctggggcacaagctggagtac
gggcgcggctccacttcaagctcccgtgtgggaccacttggcgtagctcgacttcccgtagctgaagttcctcctgccgtttaggaccccgtgttcgacctcatg



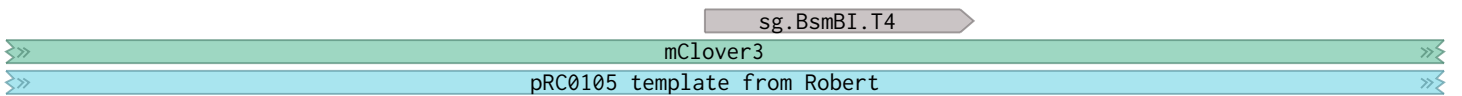
4,610 4,620 4,630 4,640 4,650 4,660 4,670 4,680 4,690 4,700

aacttcaacagccactacgtctatatcacggccgacaagcagaacaacagcatcaaggctaacttaccatccgccacaacgttgaggacggcagcgtgcagctcgc
ttgaagttgtcggtagatgcagatatagtgccggctgttcgtctgttgcgtagttccgattgaagtggtagcgggtgttgcaactcctgccgtcgcacgtcgagcg



4,710 4,720 4,730 4,740 4,750 4,760 4,770 4,780 4,790 4,800 4,810

cgaccactaccagcagaacacccccatcgggcagcggccccgtgctgctgcccgacaaccactacctgagccatcagtcgccctgagcaaaagaccccaacgagaagc
gctggtgatggtcgtcttgtggggtagccgctgccggggcacgacgacgggctgttggtgatggactcggtagtcaggcgggactcgtttctggggttgctcttcg



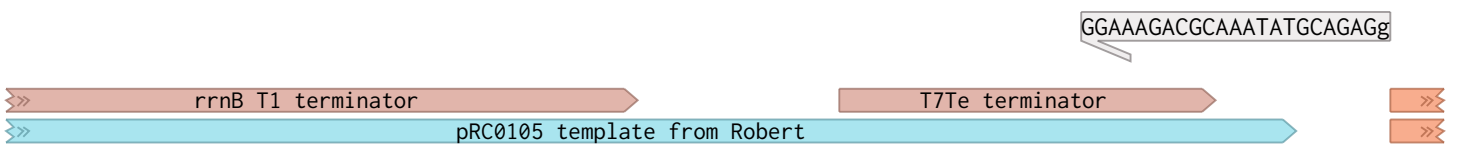
4,820 4,830 4,840 4,850 4,860 4,870 4,880 4,890 4,900 4,910 4,920

gcatcacatggtcctgctggagttcgtgaccgcccgggattacacatggcatggacgagctgtacaagtaaCCAGGCATCAATAAAACGAAAGGCTCAGTCGA
cgctagtgtagcaggacgacctcaagcactggcggcgccctaattgtgacctacctgctcgacatgttcattGGTCCGTAGTTTATTTTCTTTCCGAGTCAGCT

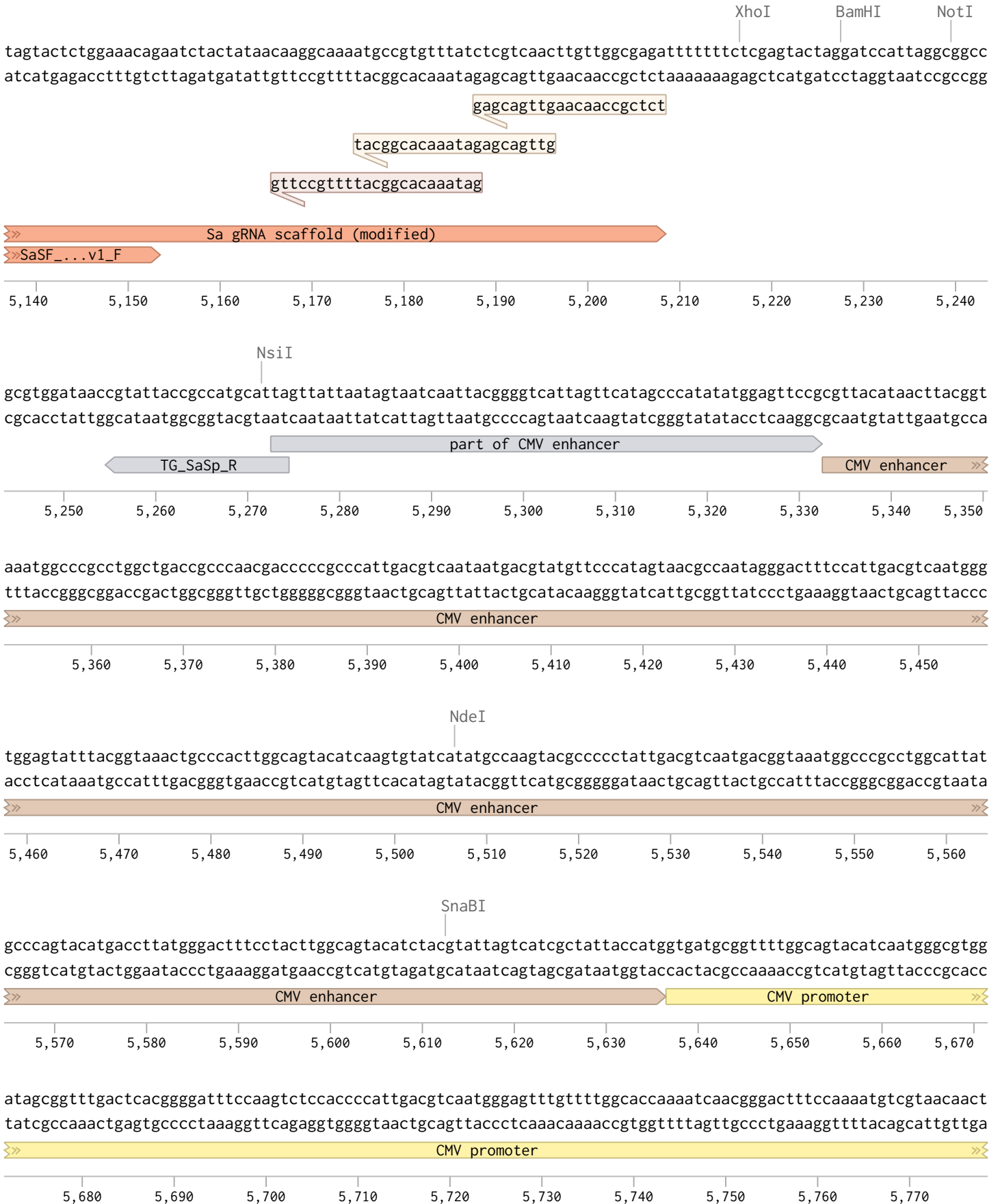


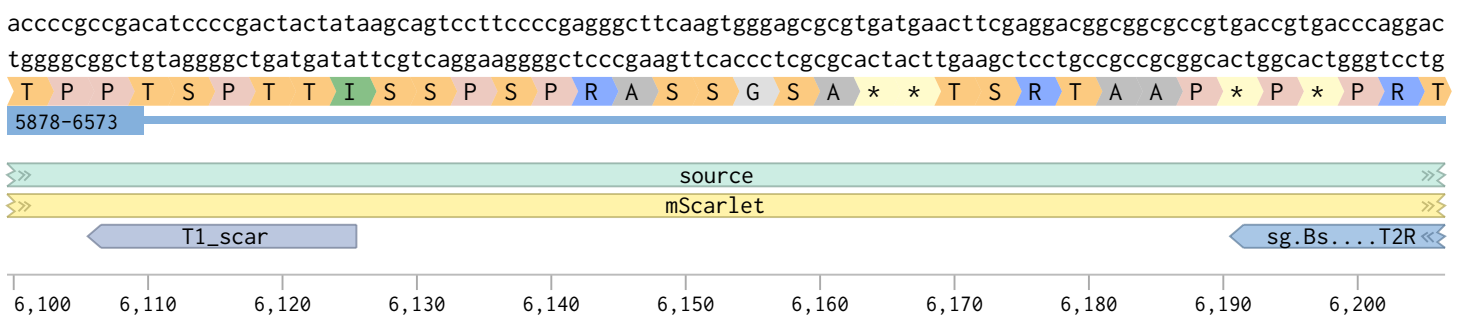
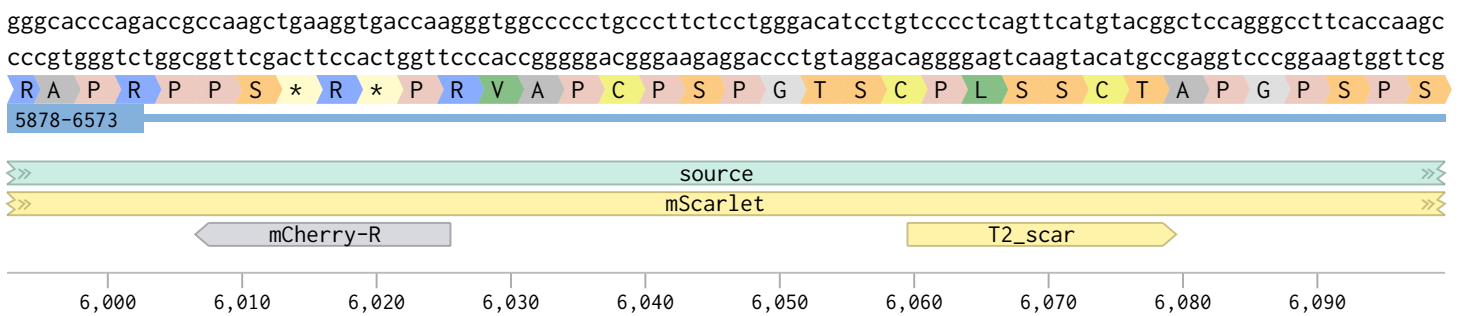
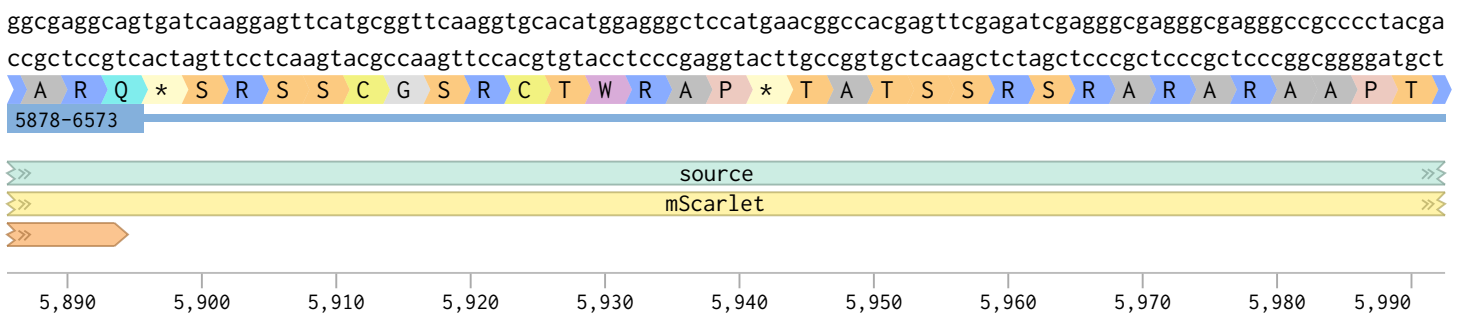
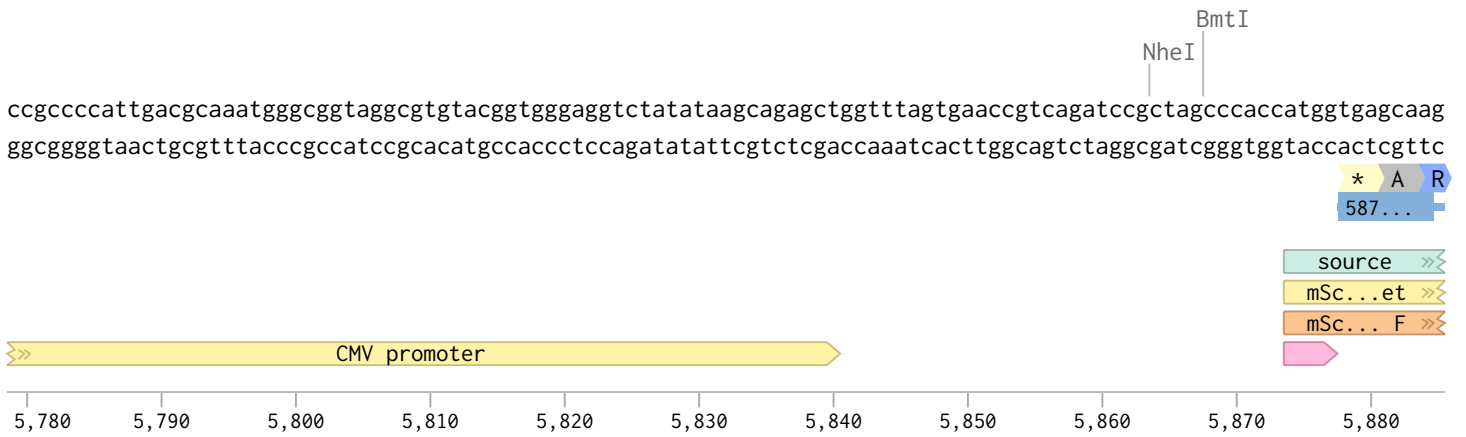
4,930 4,940 4,950 4,960 4,970 4,980 4,990 5,000 5,010 5,020

AAGACTGGGCCTTTCTGTTTTATCTGTTGTTTGTCCGTGAACGCTCTCTACTAGAGTCACACTGGCTCACCTTCGGGTGGGCCTTTCTGCGTTTATACGTCTCcgтта
TTCTGACCCGAAAGCAAATAGACAACAACAGCCACTTGCAGAGATGATCTCAGTGTGACCGAGTGGAAGCCACCCGAAAGACGCAAATATGCAGAGgcaat

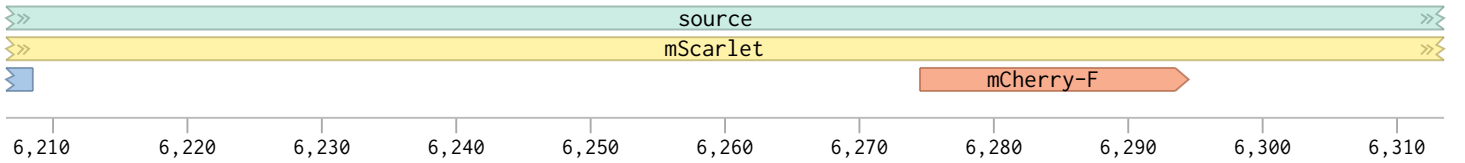


5,030 5,040 5,050 5,060 5,070 5,080 5,090 5,100 5,110 5,120 5,130

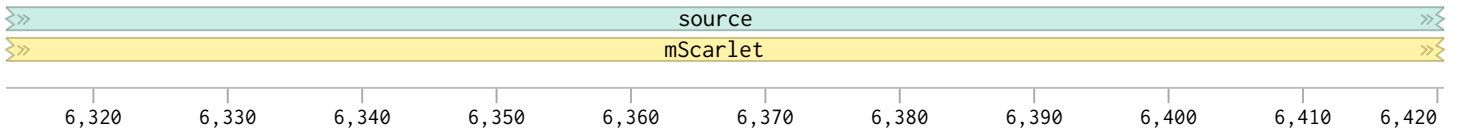




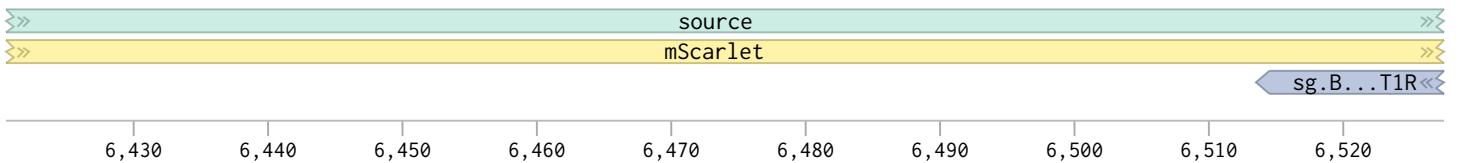
acctccctggaggacggcaccctgatctacaaggtgaagctccgcgccaccaacttccctcctgacggccccgtaatgcagaagaagacaatgggctgggaagcatc
 tggaggacctcctgccgtgggactagatgttccacttcgaggcgccgtggtgaaggaggactgccggggcattacgtcttcttctgttaccgacccttcgtag
 P P W R T A P * S T R * S S A A P T S L L T A P * C R R R Q W A G K H
 5878-6573



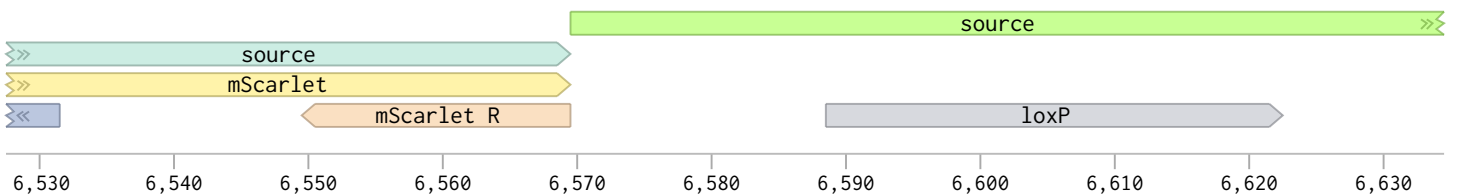
caccgagcgggtgtaccccgaggacggcgtgctgaaggcgacattaagatggcctgcgcctgaaggacggcgccgctacctggcgacttcaagaccaccta
 ccaacatggggctcctgcccgcagacttcccgtgtaattctaccgggacgcggacttctgccccggcgatggaccgcctgaagtctgtgtagatg
 P P S G C T P R T A C * R A T L R W P C A * R T A A A T W R T S R P P T
 5878-6573

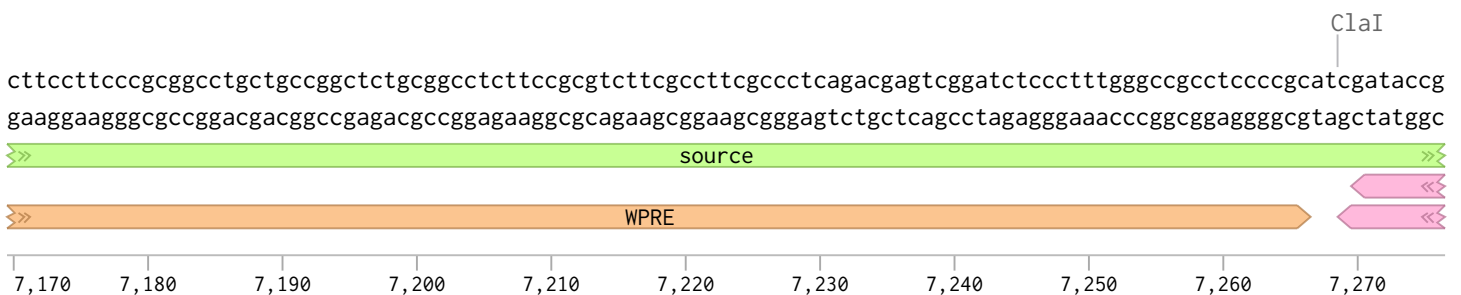
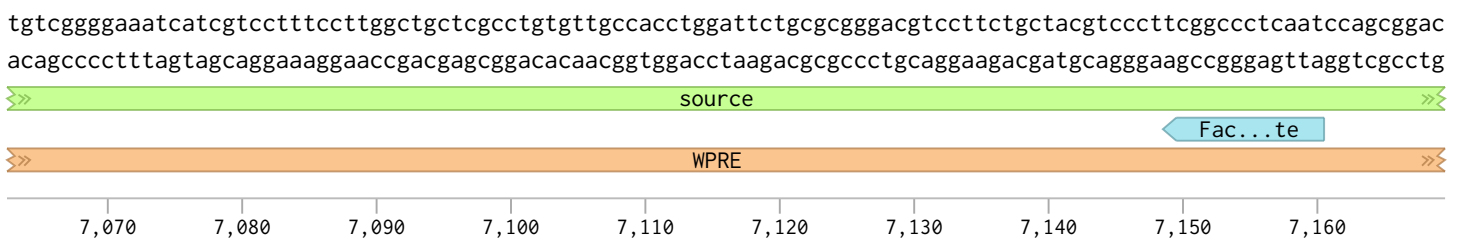
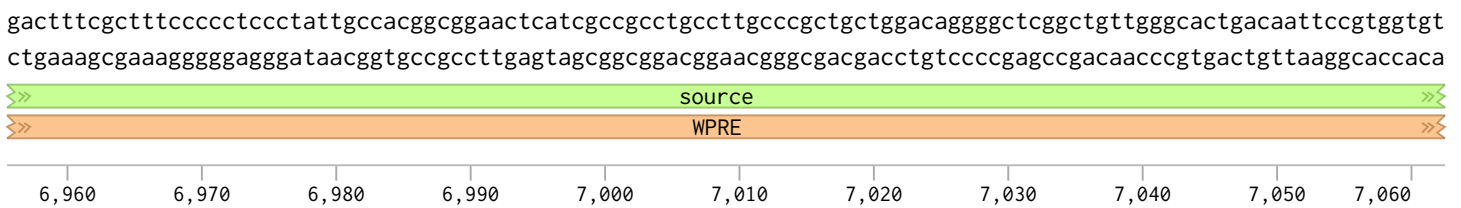
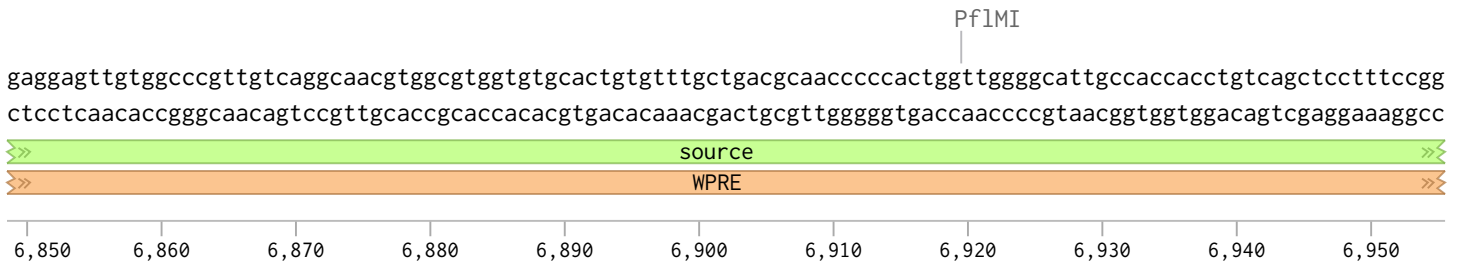
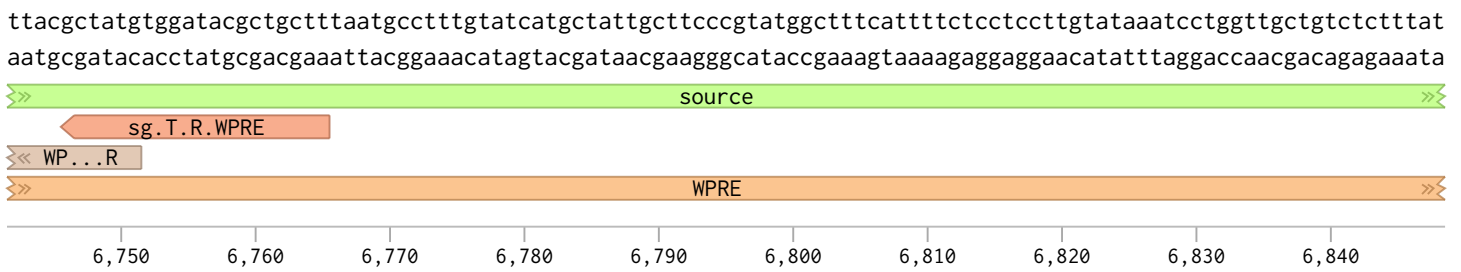
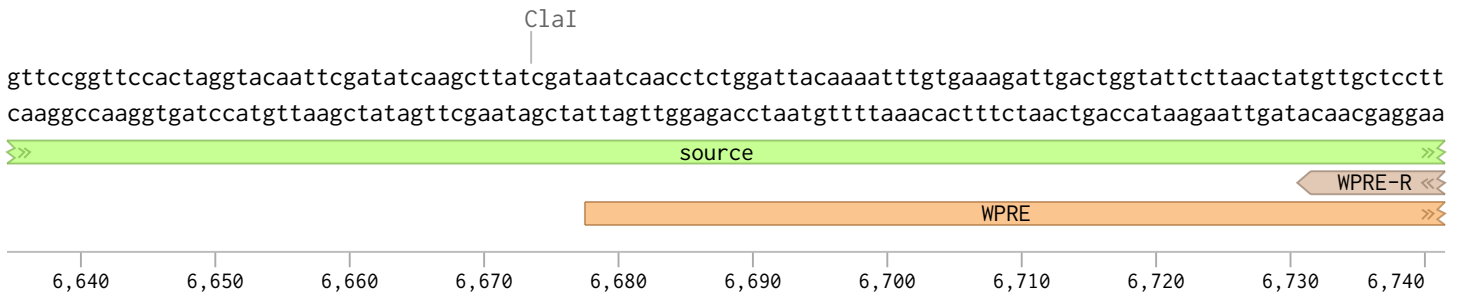


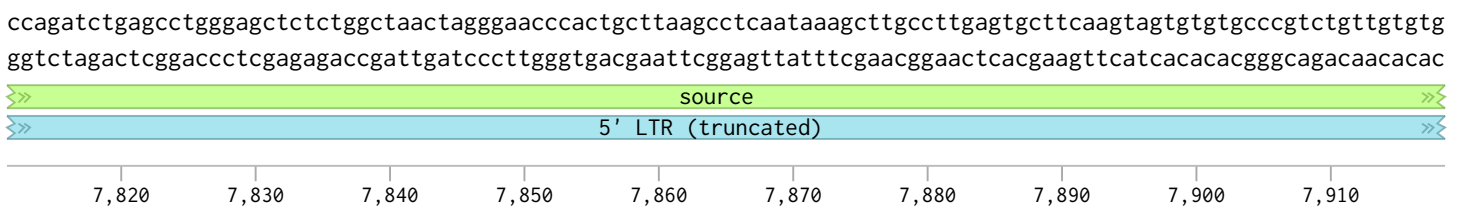
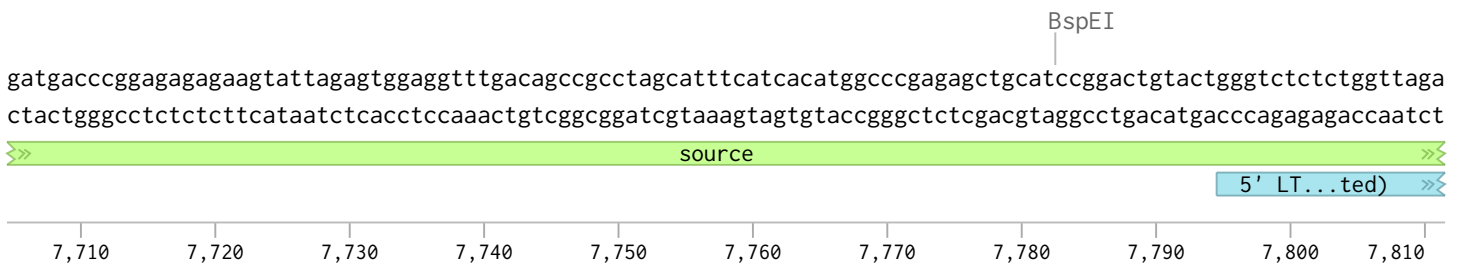
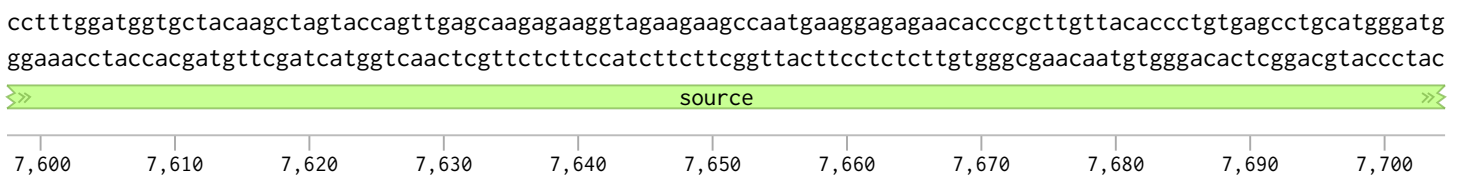
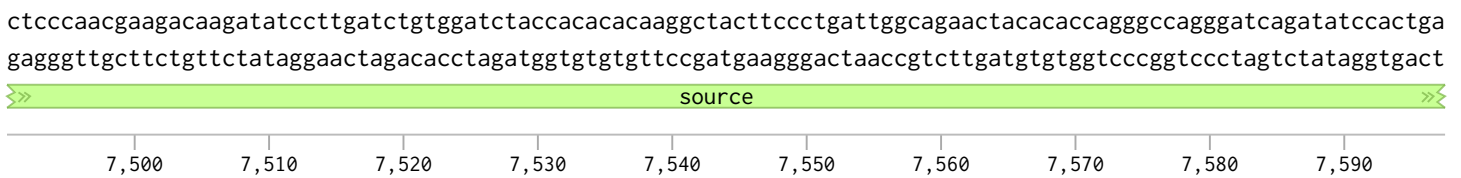
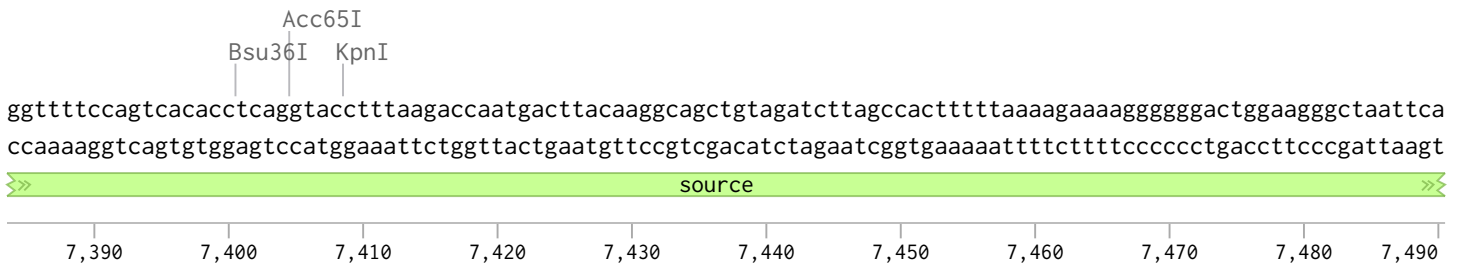
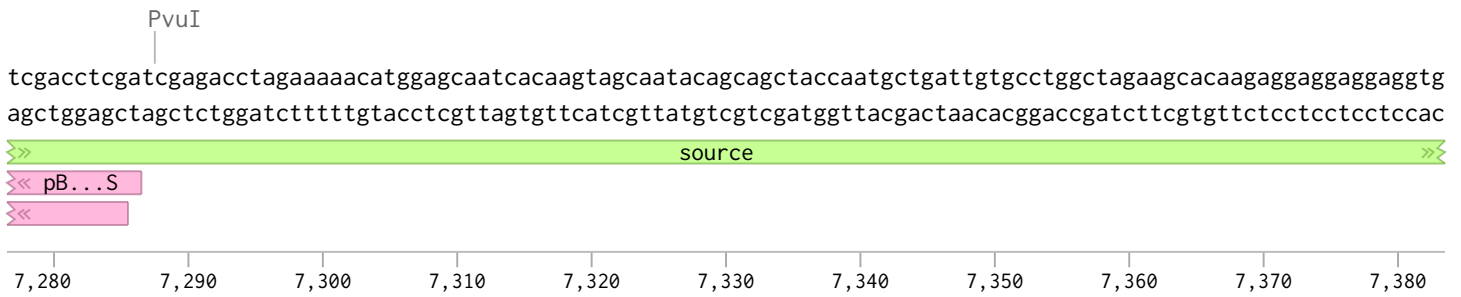
aggccaagaagcccgtgcagatgcccggcgcctacaacgtcgaccgcaagttggacatcacctcccacaacgaggactacaccgtggtggaacagtacgaacgctcc
 tccggttcttcgggcacgtctacgggcccgggatgttcgagctggcgttcaacctgtagtggagggtgtgtcctcctgatgtggcaccacctgtcatgcttgcgagg
 R P R S P C R C P A P T T S T A S W T S P P T T R T T P W W N S T N A P
 5878-6573



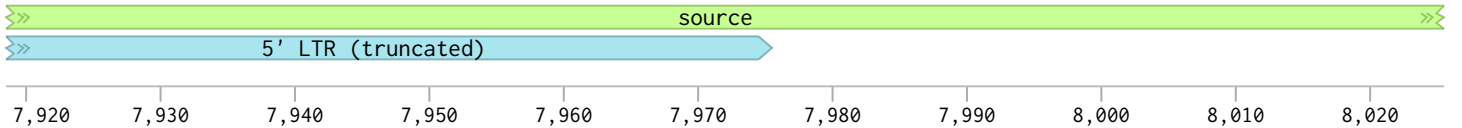
gagggccgccaactccaccggcgcatggacgagctgtacaaggaattcgtcgaggacctaataacttcgtatagcatacattatacgaagttatacatgtttaagg
 ctcccggcggtaggtggccgacctgctcgcacatgttcttaagcagctccctggattattgaagcatalcgtatgtaatatgcttcaatatgtacaaattcc
 R A A T P P A A W T S C T R N
 5878-6573



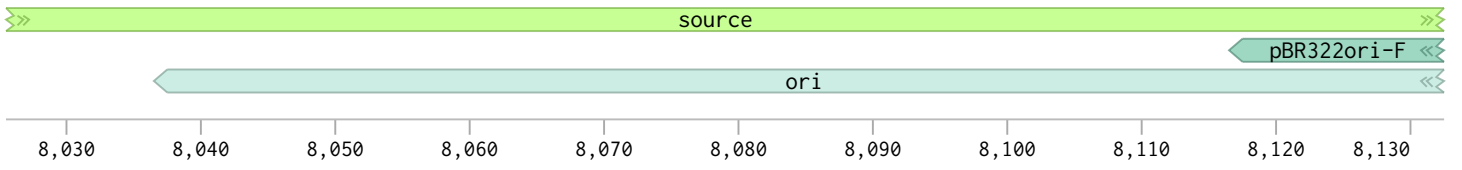




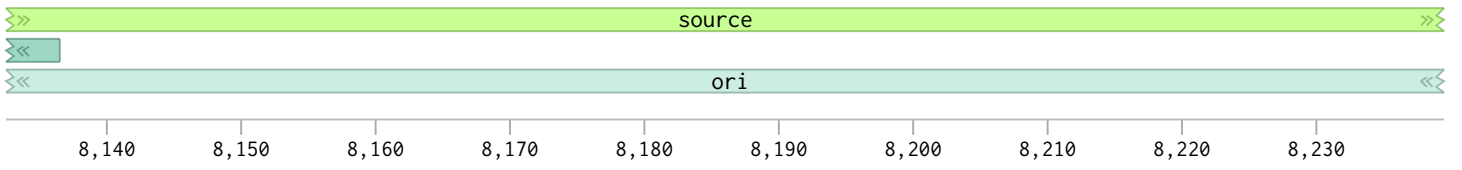
actctggtaactagagatccctcagacccttttagtcagtggtgaaaatctctagcagcatgtgagcaaaagccagcaaaagccaggaaccgtaaaaaggccgcg
 tgagaccattgatctctagggagctctgggaaaatcagtcacaccttttagagatcgctcgtacactcgtttccggctcgtttccggctccttggcattttccggcgc



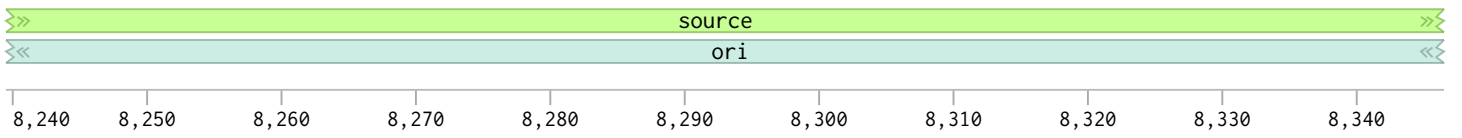
ttgctggcgttttccataggctccgccccctgacgagcatcacaanaatcgacgctcaagtcagaggtggcgaaaccgacaggactataaagataaccaggcgtt
 aacgaccgcaaaaaggtatccgaggcgggggactgctcgtagtgttttagctcgcagttcagctccaccgctttgggctgtcctgatatttctatggtccgcaa



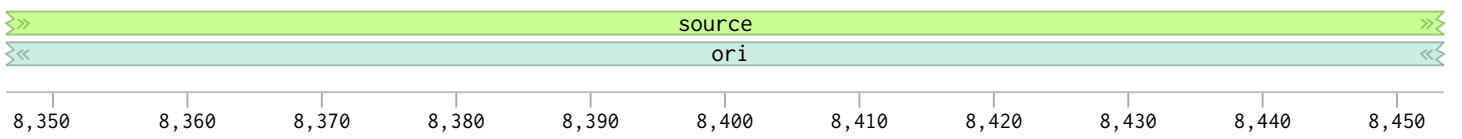
tccccctggaagctccctcgtgctcctctgttccgacctgcccgttaccggatacctgtccgcttttcccttcgggaagcgtggcgttttctcatagctcac
 agggggaccttcgaggagcacgcgagaggacaaggctgggacggcgaatggcctatggacagggcgaagagggaagcccttcgaccgcgaaagagtatcgagtg



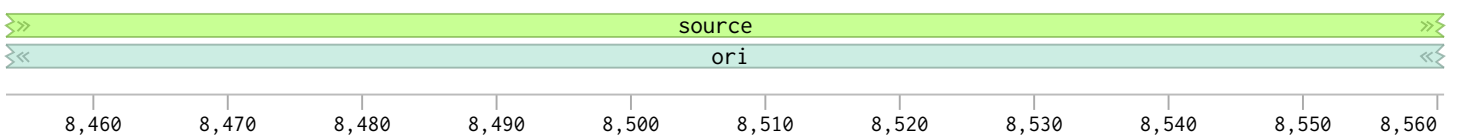
gctgtaggtatctcagttcgggtgtaggtcgttccgctcaagctgggctgtgtgcacgaacccccgttcagcccaccgctgccccttatccggtaaactatcgtctt
 cgacatccatagagtcaagccacatccagcaagcagggttcgaccgacacacgtgcttggggggcaagtctgggctggcgacgcggaataggccattgatagcagaa



gagtcacaaccggtaagacacgacttatcgccactggcagcagccactggtaacaggattagcagagcagggtatgtaggcgggtgtacagagttcttgaagtggg
 ctgaggttggccattctgtgctgaatagcgggtgaccgtcgtcggtgaccattgtcctaactcgtctcgtccatacatccgccacgatgtctcaagaacttcaccac



gcctaactacggctacactagaagaacagtatttggatctcgcctctgctgaagccagttaccttcgaaaaagagttggtagctcttgatccggcaaaacaacca
 cggattgatgccgatgtgatctcttgtcataaaccatagacgcgagacgacttcggtcaatggaagccttttctcaaccatcgagaactaggccgtttgtttggt



ccgctggtagcgggtggttttttgtttgcaagcagcagattacgcgcagaaaaaaggatctcaa
 ggcgaccatcgccacaaaaaaacaaacgttcgtcgtcctaagcgcgtcttttttcttagagtt

