

Template Alignment: 2020-11-03_A02_ASASO11ASP1

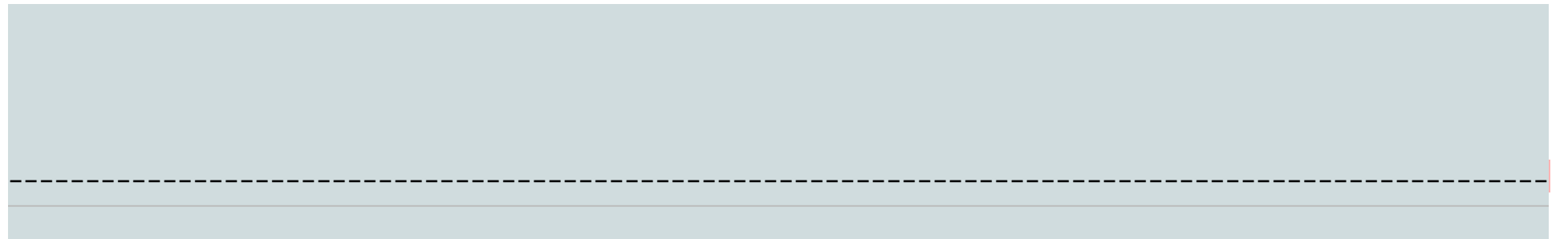
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10 20 30 40 50 60 70 80 90 100

» rep (pMB1) »

» ColE1 origin »

template sequence pAS0.11



aligned sequence 2020-11-03_A02_ASASO11ASP1

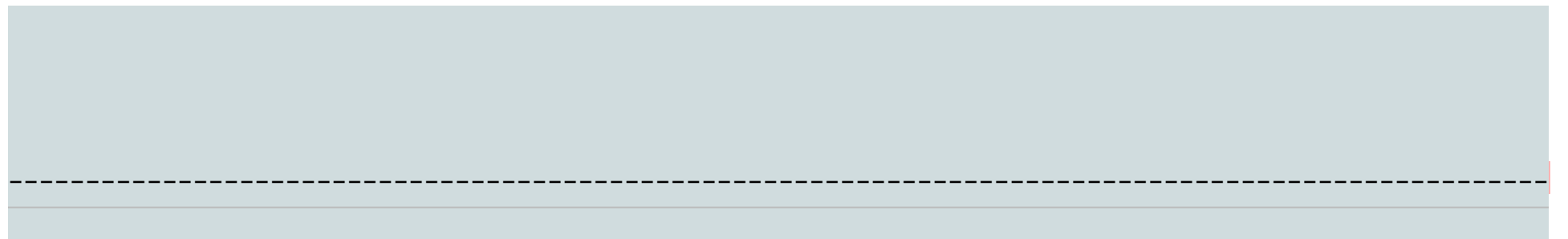
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110 120 130 140 150 160 170 180 190 200

» rep (pMB1) »

» ColE1 origin »

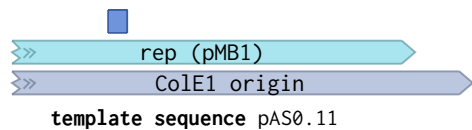
template sequence pAS0.11



aligned sequence 2020-11-03_A02_ASASO11ASP1

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210 220 230 240 250 260 270 280 290 300

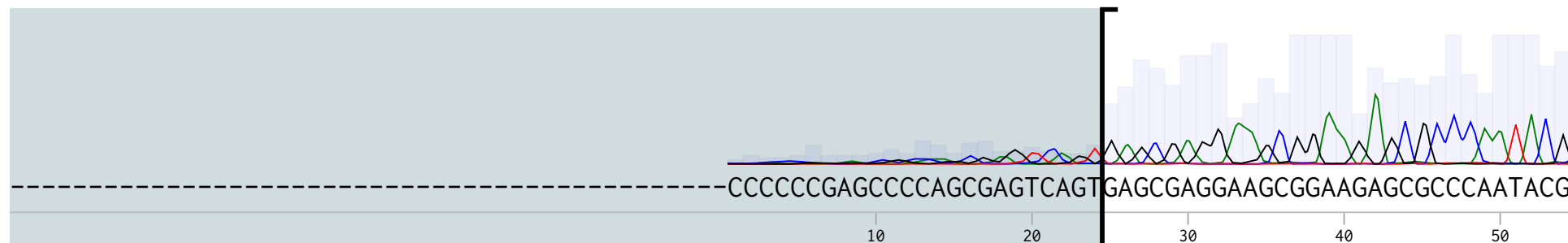


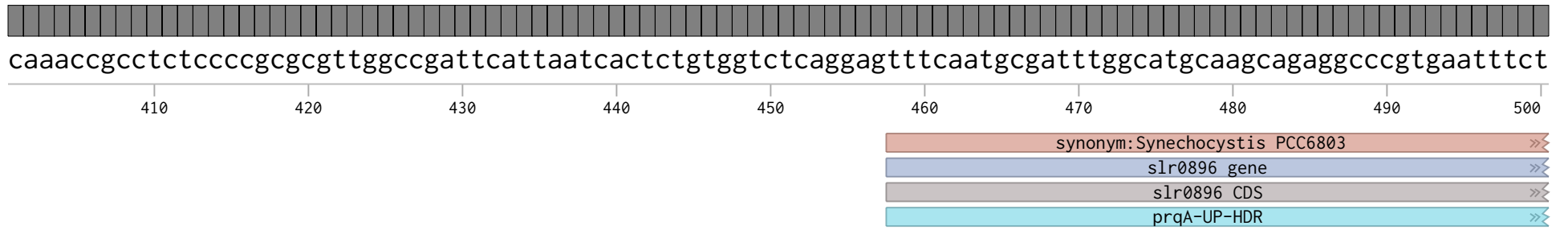
aligned sequence 2020-11-03_A02_ASASO11ASP1

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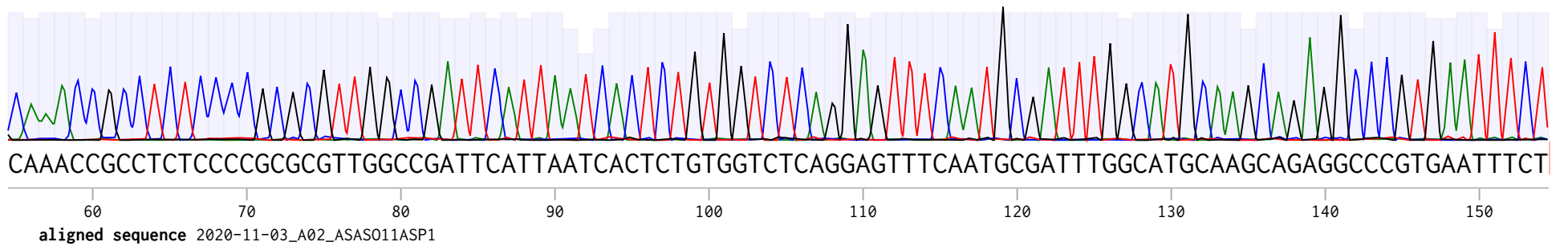
310 320 330 340 350 360 370 380 390 400

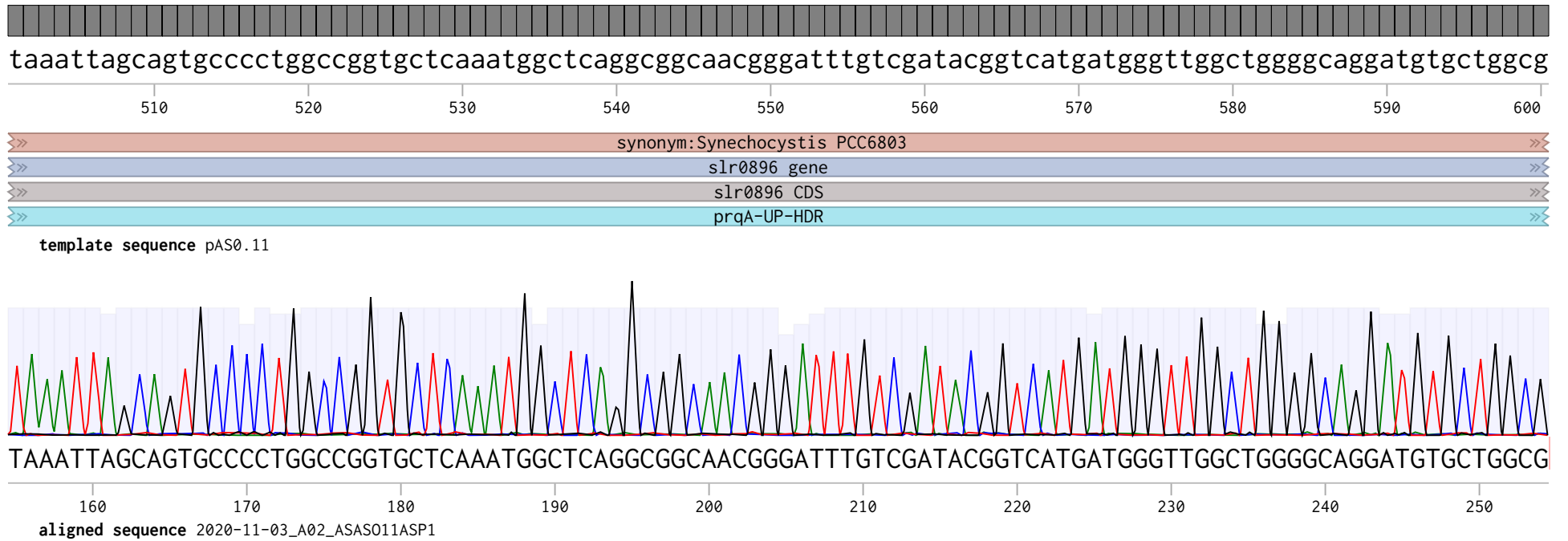
template sequence pAS0.11

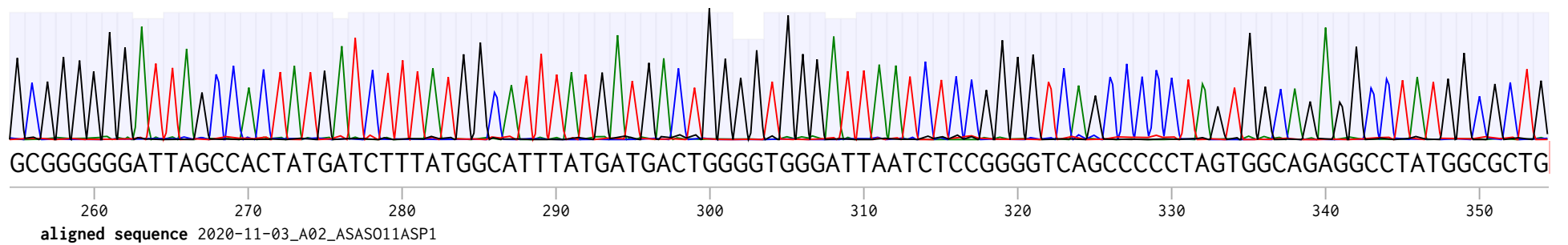
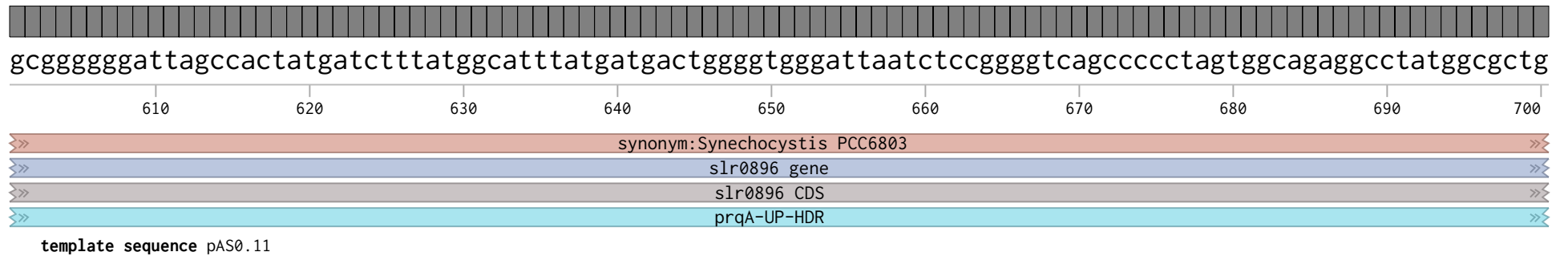


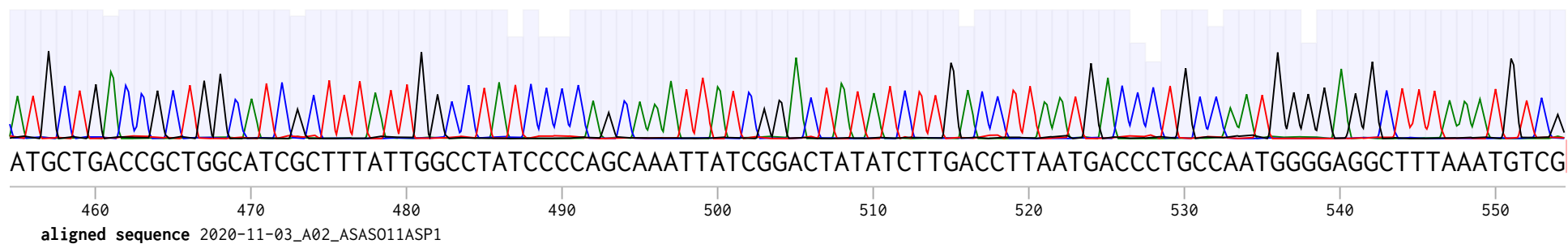
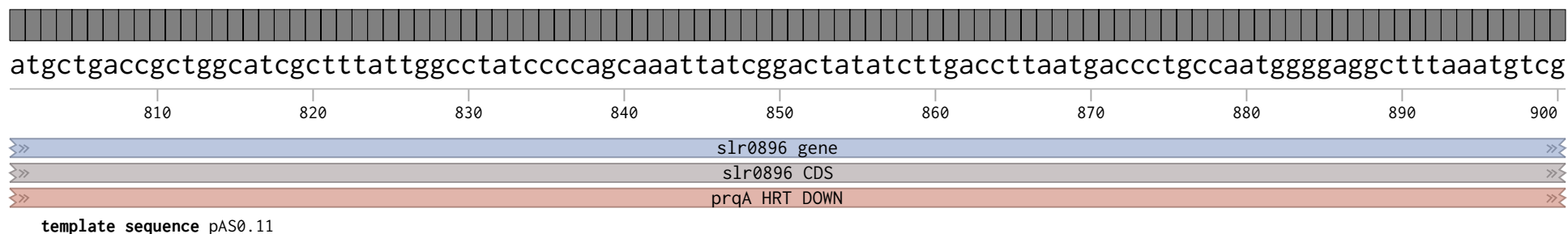
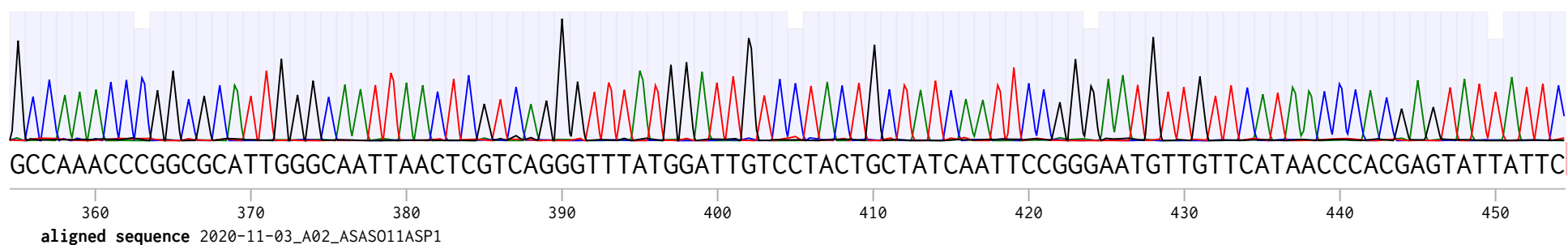
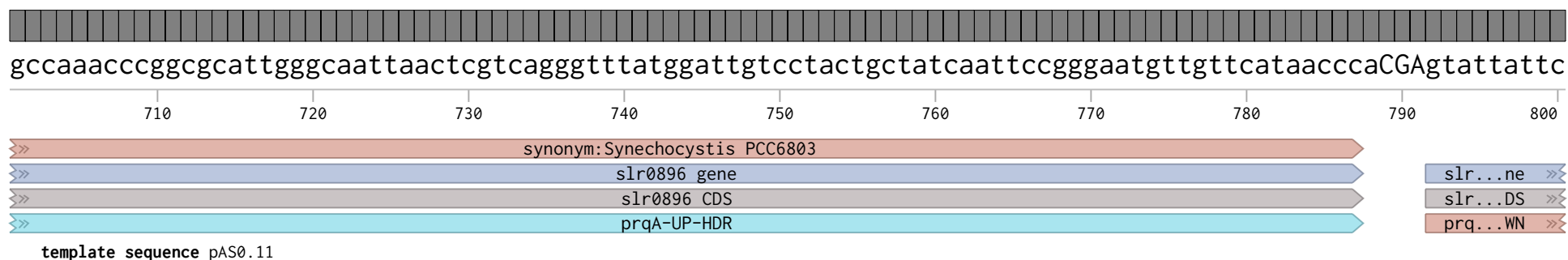


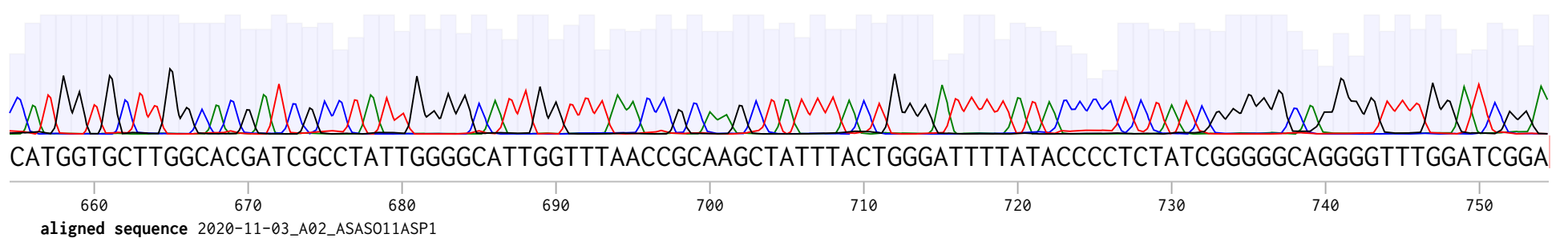
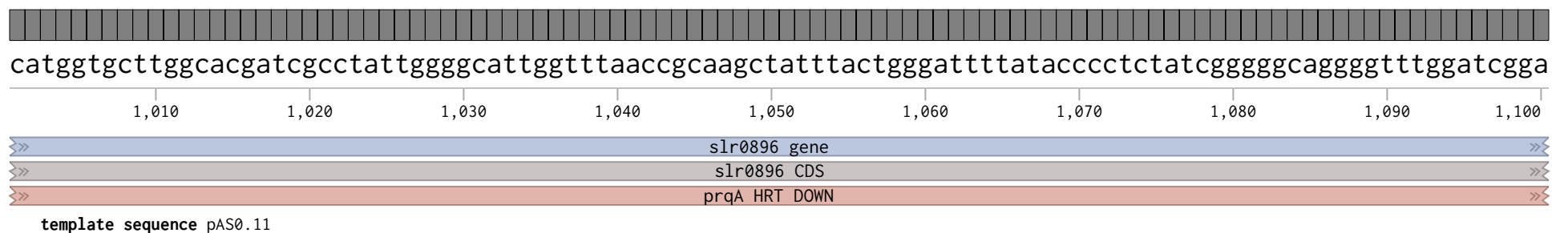
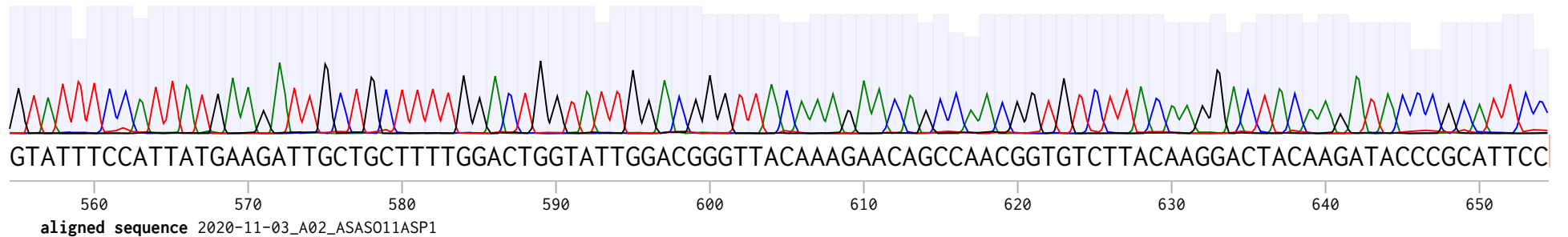
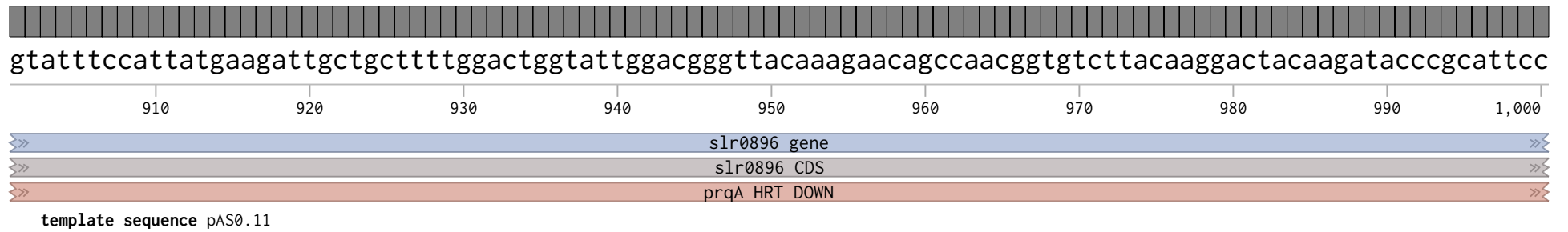
template sequence pAS0.11

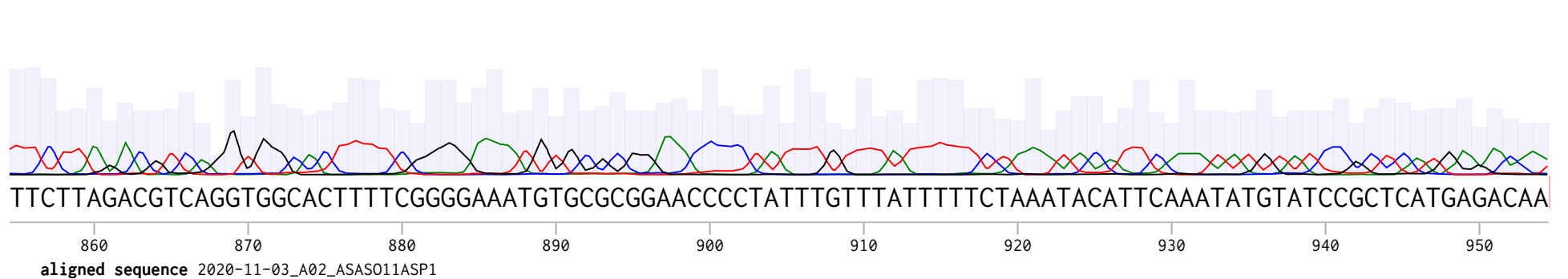
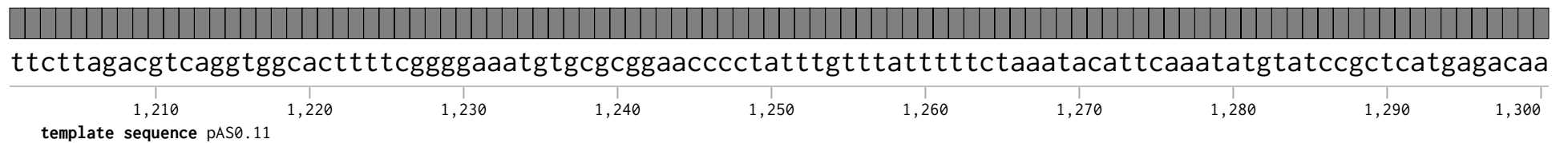
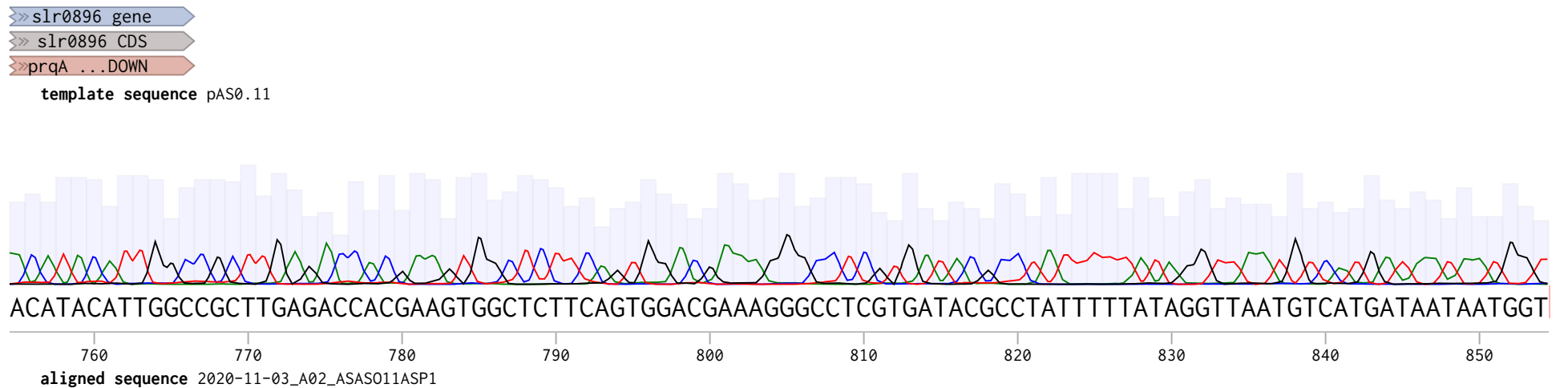
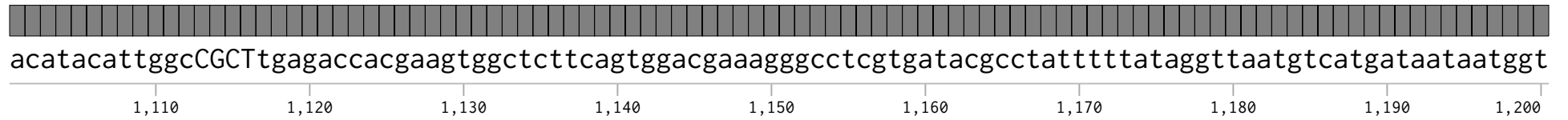


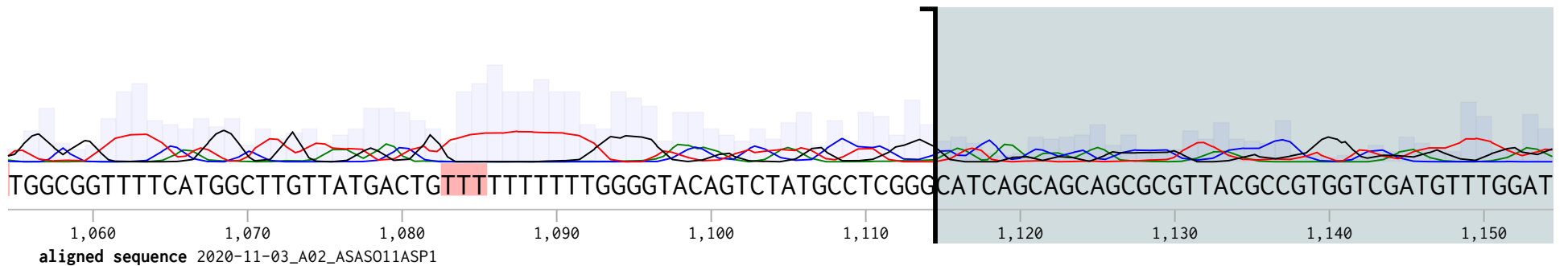
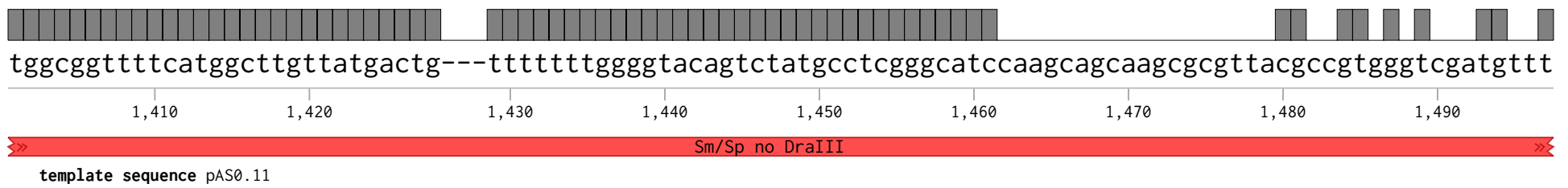
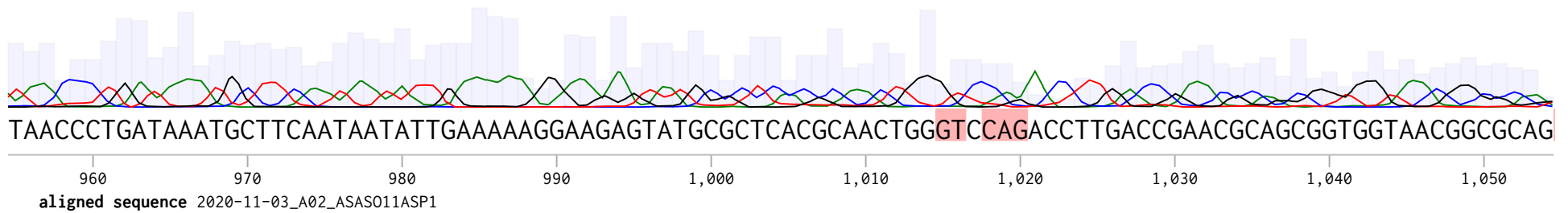
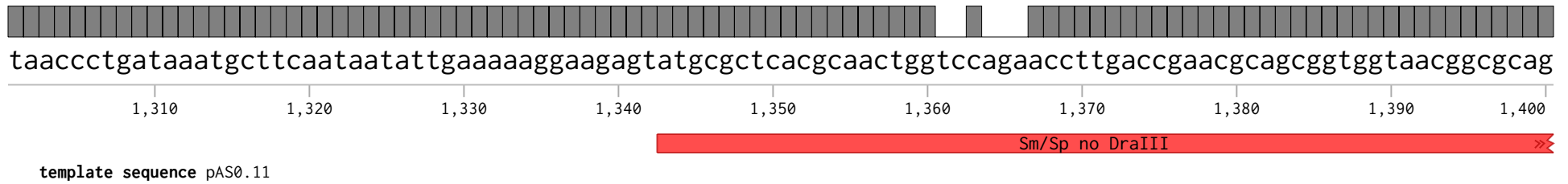


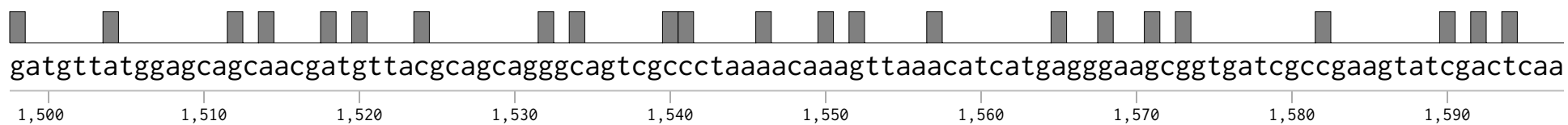






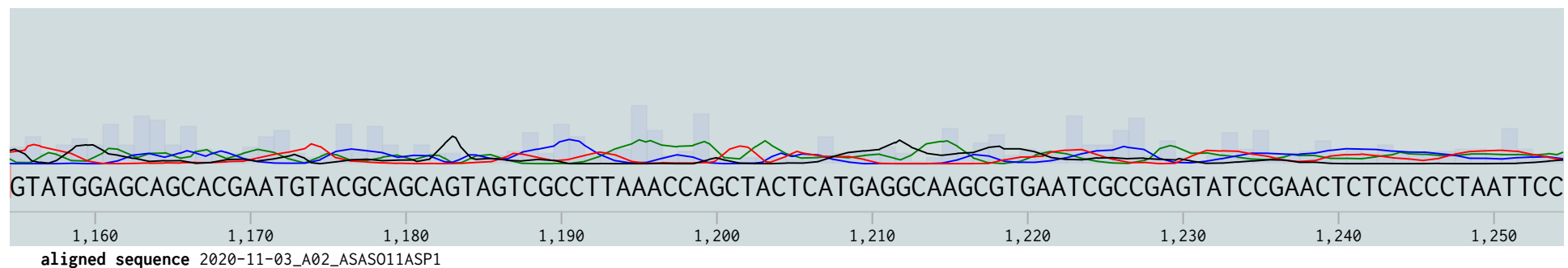




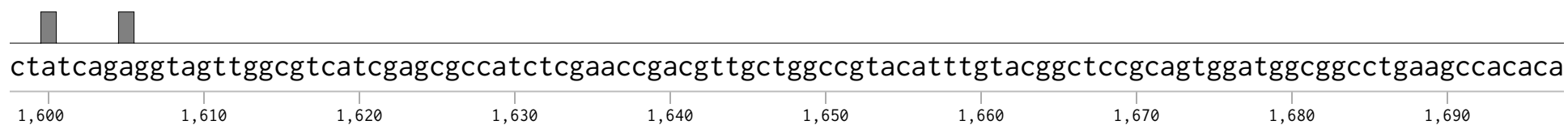


Sm/Sp no DraIII

template sequence pAS0.11

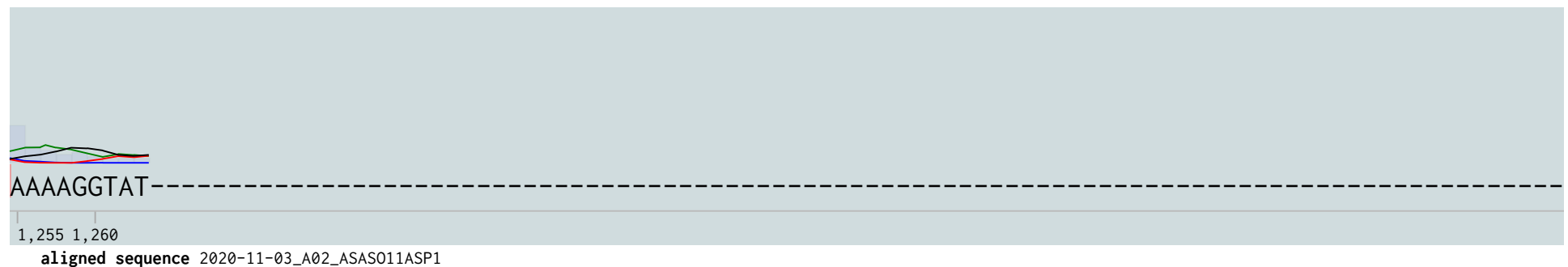


aligned sequence 2020-11-03_A02_ASAS011ASP1



Sm/Sp no DraIII

template sequence pAS0.11



aligned sequence 2020-11-03_A02_ASAS011ASP1

gcgatattgatttgctggttacggtgaccgtaaggcttgatgaaacaacgcggcgagctttgatcaacgaccttttgaaacttcggcttcccctggaga

1,700 1,710 1,720 1,730 1,740 1,750 1,760 1,770 1,780 1,790

Sm/Sp no DraIII

template sequence pAS0.11

aligned sequence 2020-11-03_A02_ASASO11ASP1

gagcgagattctccgcgctgtagaagtcaccattgttgtgcacgacgacatcattccgtggcggttatccagctaagcgcgaaactgcaatttggagaatgg

1,800 1,810 1,820 1,830 1,840 1,850 1,860 1,870 1,880 1,890

Sm/Sp no DraIII

template sequence pAS0.11

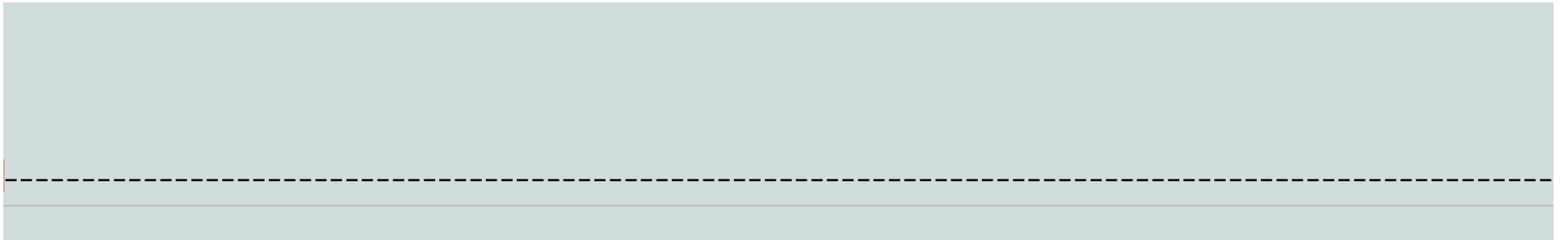
aligned sequence 2020-11-03_A02_ASASO11ASP1

cagcgcaatgacattcttgcaggtatcttcgagccagccacgatcgacattgatctggctatcttgctgacaaaagcaagagaacatagcgttgccttgg

1,900 1,910 1,920 1,930 1,940 1,950 1,960 1,970 1,980 1,990

>> Sm/Sp no DraIII >>

template sequence pAS0.11



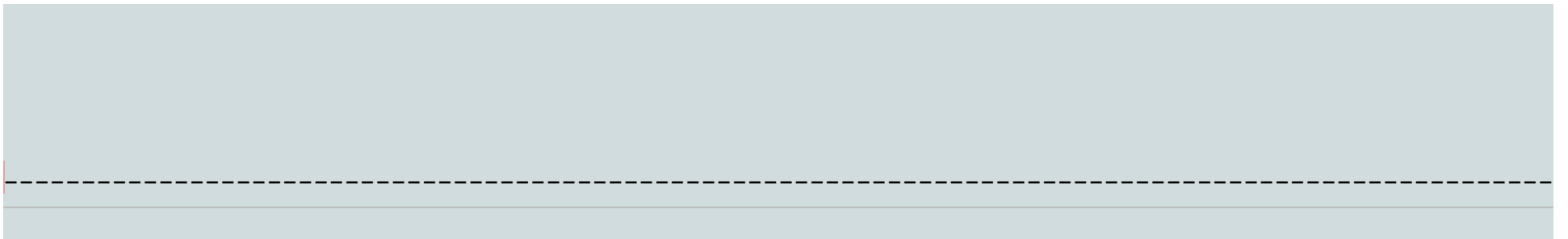
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taggtccagcggcggaggaactctttgatccggttcctgaacaggatctatttgaggcgctaaatgaaaccttaacgctatggaactcgccgcccgactg

2,000 2,010 2,020 2,030 2,040 2,050 2,060 2,070 2,080 2,090

>> Sm/Sp no DraIII >>

template sequence pAS0.11



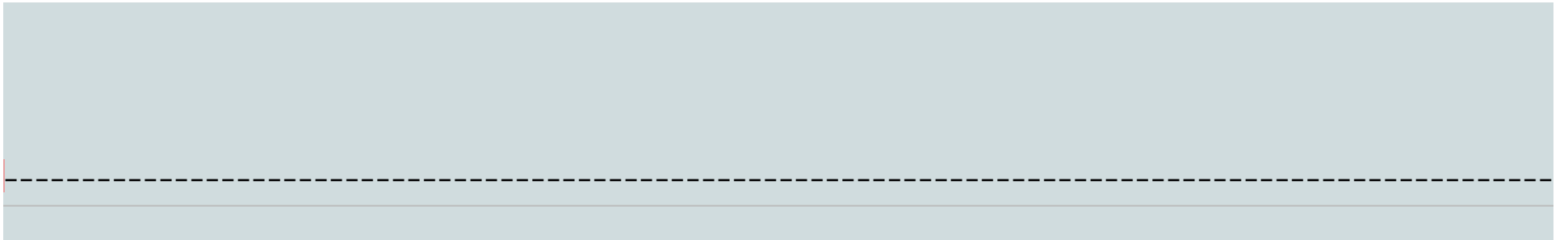
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2,100 2,110 2,120 2,130 2,140 2,150 2,160 2,170 2,180 2,190

» Sm/Sp no DraIII »

template sequence pAS0.11



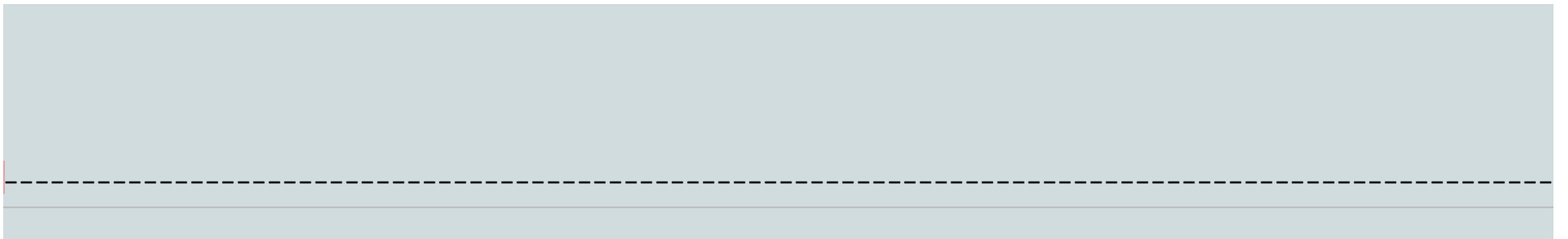
aligned sequence 2020-11-03_A02_ASASO11ASP1

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2,200 2,210 2,220 2,230 2,240 2,250 2,260 2,270 2,280 2,290

» Sm/Sp no DraIII »

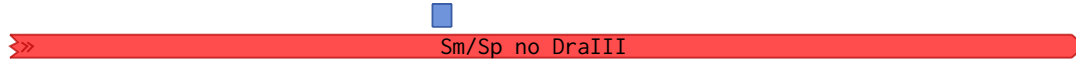
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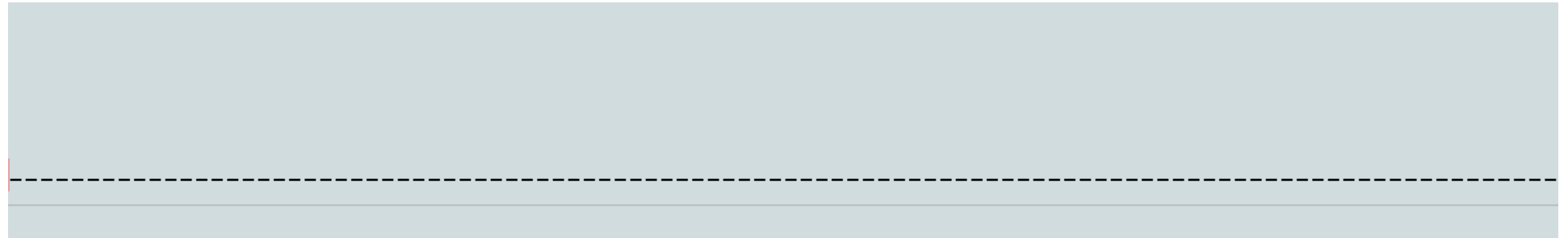
aligned sequence 2020-11-03_A02_ASASO11ASP1

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2,300 2,310 2,320 2,330 2,340 2,350 2,360 2,370 2,380 2,390



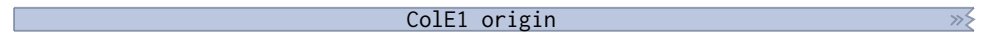
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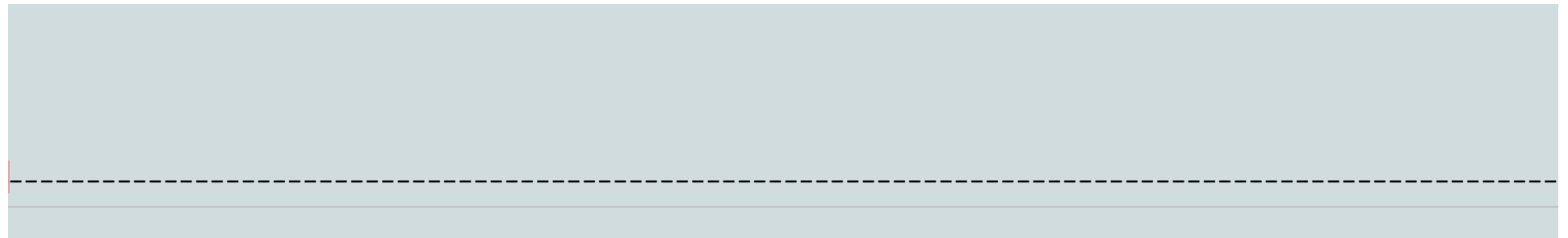
aligned sequence 2020-11-03_A02_ASASO11ASP1

acttcatttttaatttaaaggatctaggtgaagatccttttgataatctcatgaccaaatacccttaacgtgagtttcgttccactgagcgtcagac

2,400 2,410 2,420 2,430 2,440 2,450 2,460 2,470 2,480 2,490



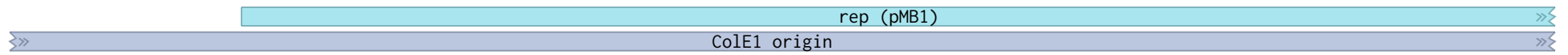
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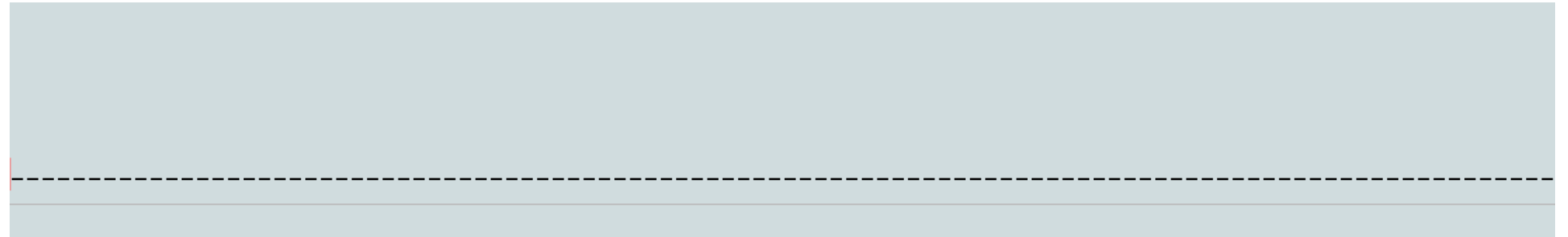
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2,500 2,510 2,520 2,530 2,540 2,550 2,560 2,570 2,580 2,590



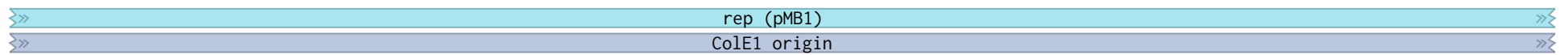
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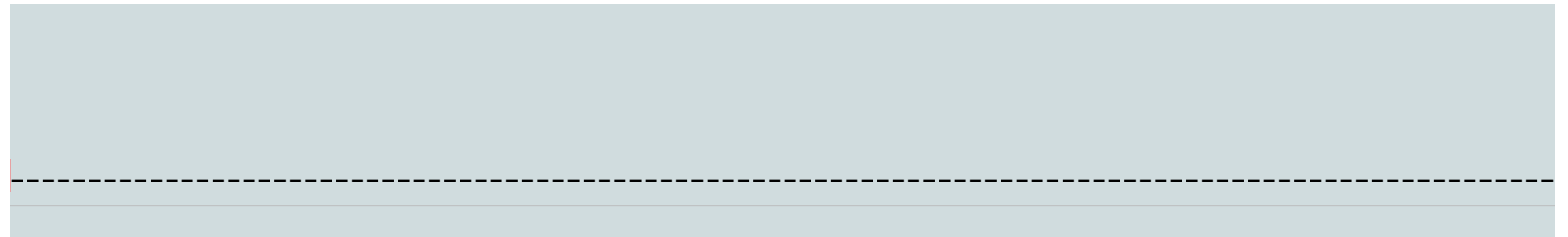
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template sequence pAS0.11



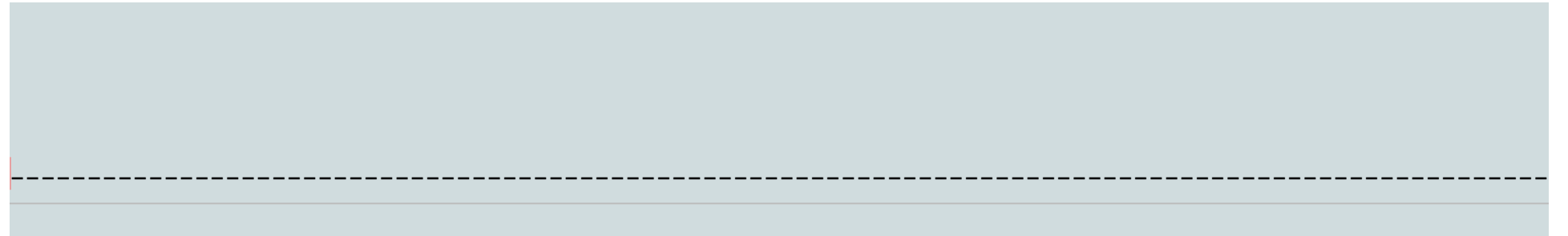
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ccacttcaagaactctgtagcaccgcctacatacctcgctctgctaatacctgttaccagtggctgctgccagtggcgataagtcgtgtcttaccgggttg

2,700 2,710 2,720 2,730 2,740 2,750 2,760 2,770 2,780 2,790

» rep (pMB1) »
» ColE1 origin »

template sequence pAS0.11



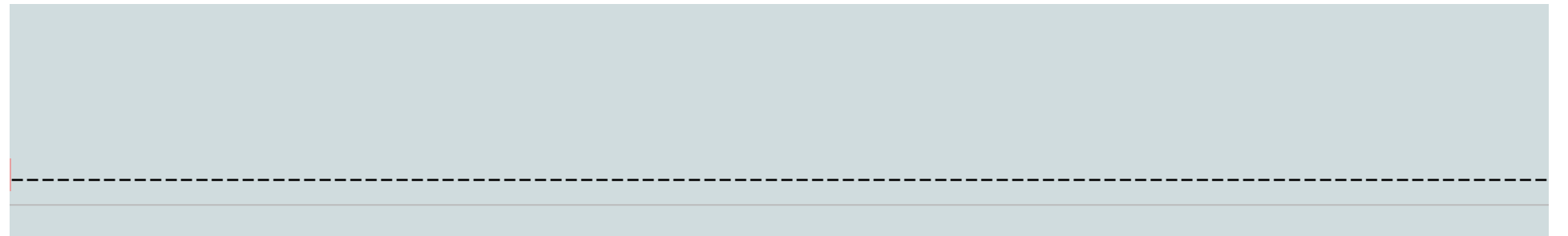
aligned sequence 2020-11-03_A02_ASASO11ASP1

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2,800 2,810 2,820 2,830 2,840 2,850 2,860 2,870 2,880 2,890

» rep (pMB1) »
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aligned sequence 2020-11-03_A02_ASASO11ASP1

