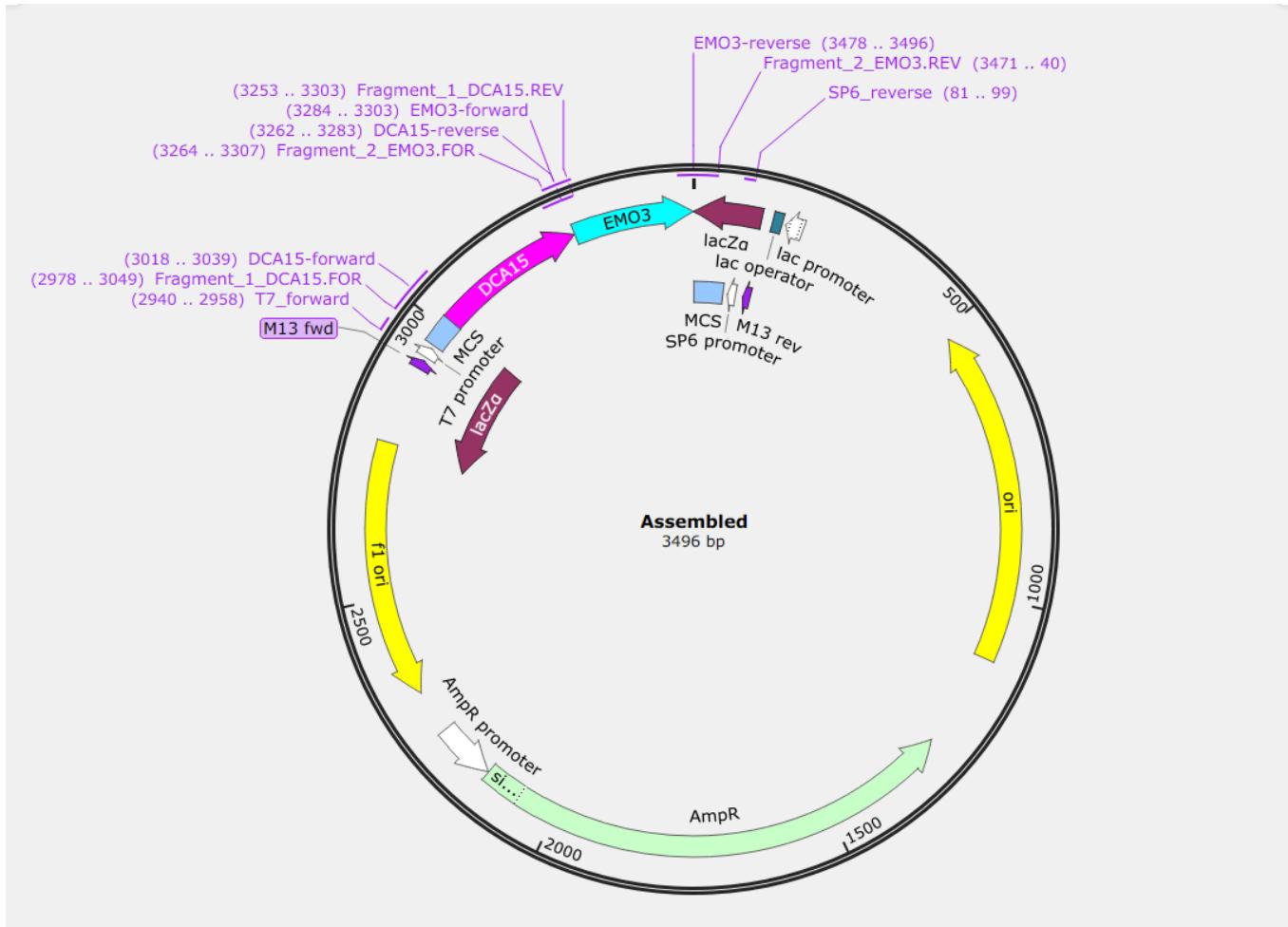
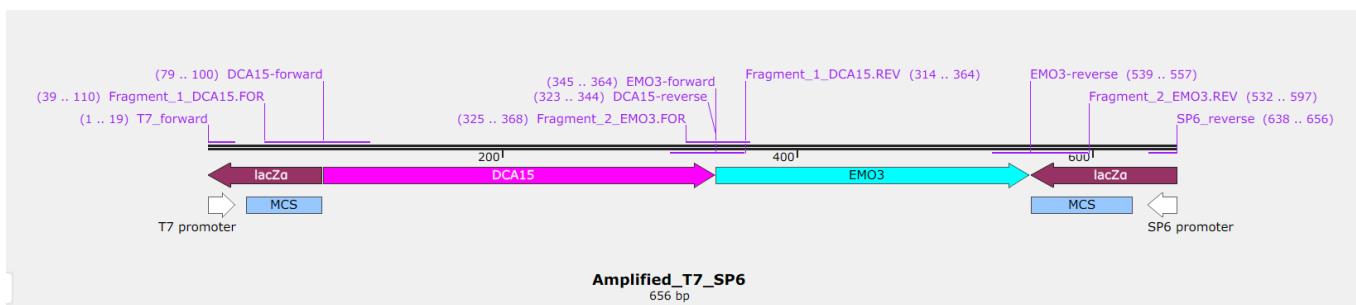


## Part 1 - SnapGene

Select “Map” tab, take a screenshot and include it in the notebook.



1. What will the length of the PCR product be using T7 and SP6 primers?



Has length of 656 bp.

## **2. Which part of the assembled vector will be amplified with SP6 and T7 primers?**

DCA15 and EMO3 regions.

## **3. Export the amplified region as a fasta file and paste the sequence to your notebook.**

```
>Amplified_T7_SP6 (656 bp)
TAATACGACTCACTATAAGGGCGAATTGGGCCGACGTCGCATGCTCCGGCCGCCATGGCGGCCGCGGGATTGATTGA
TCTTGCTGTATATCCACACAGACACACACACACACACACACACACAAAGAACAGACAGAAAAAGAACAGACAGAAAAAGAAC
CAGAGACAACACTATACTGAGAAATTACGCTCTGCTAACTACACAGGTGGGAAAAAATTACCAAGTTCTGGGGTCAACCTT
CTCAGCTGACTTGCAGCTGTCAAAACATAATGCATATTAATTAATTAATTAACGAGGCTAATTAGAGCGATAAATGCGTCAAGAT
GGAAAAGGTATAGGTGTAGCCAAGGCCCTATAACTGACATGGGATTTACCCCTAACAAACGAAAGAAGGGACTGAAAAATGAAA
GAAAAAGAAAAAGAAAAAAACACACACACACATACGTTATGGAAGAAATTGTAAGCAGCAAATCTAAGTAATGCTAGACCAGAACC
AGAGAAGATCATCAGAGGTAAACAAGATAACTTACACCACGGTCATGCAATCACTAGTGAATTGCGGGCCGCTGCAGGTGACCAT
ATGGAGAGCTCCAACGCCTGGATGCATAGCTTGAGTATTCTATAGTGTACCTAAAT
```

## **Part 2 -**

...