



Optimization Report

for p7

| | | Failing constraints | Objectives score | Sequenticon |
|-----------------|--------|---------------------|------------------|---|
| | | | | |
| Success! | Before | 1 | 0 |  |
| | After | 0 | -3 |  |

Note: install Geneblocks (<https://edinburgh-genome-foundry.github.io/Geneblocks>) to see a plot of sequence edits here.

The optimization created 3 edits. See attached Genbank file for the details.

Constraints

| constraint | start | end | before | after | edits | % edited |
|------------|-------|-----|--------|-------|-------|----------|
| cds | 11 | 725 | PASS | PASS | 3 | 0.42 |
| No BsmBI | 11 | 725 | FAIL | PASS | 3 | 0.42 |

Objectives

| objective | boost | start | end | before | after | edits | % edited |
|-----------|-------|-------|-----|--------|-------|-------|----------|
| keep | 1.0 | 0 | 738 | 0 | -3 | 3 | 0.41 |
| cds | 1.0 | 11 | 725 | 0 | 0 | 3 | 0.42 |