

# Work Log for January

Logan Brown

January 5, 2015

## Contents

## 1 Goals for the Month

1. Generate new genomes
2. Speed up NSE model
3. Move to Newton

## 2 Progress/Notes

### 2.1 Generate new genomes

1/5: Fixed a small bug in the genome code.

Now that the code actually updates the codons, not just the codon index, we should be able to generate real genomes.

yeast2.fasta is just redone Preston's yeast. moddedYeast.fasta uses the nse probabilities from CUBFits.

### 2.2 Speed up NSE model

### 2.3 Move to Newton

## 3 Goals for next Month

1. Future Goal