Modeling tools to guide Asli’s experiments

# TetR module

## Goal

## Model formulation

Write most complex model including all modules measured



## Parameter values and bounds

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Fixed parameters | | | | | |
| name | description | unit | value | Reference or calculation details | |
| d | Dilution by growth | 1/min | 0.0077 | ln(2)/90 | |
|  |  |  |  |  | |
|  |  |  |  |  | |
|  |  |  |  |  | |
| Estimated parameters | | | | | |
| name | description | unit | Best fit value | Min bound used for opt | Max bound |
|  | TetR repression threshold | nM | 35 | 0.1 | 1000 |
|  |  |  |  |  |  |

## Data/experiment description

## Optimization results

### Best fit

Figure with legend

Generated by function/script …

### Parameter space

Figure with legend

Generated by function/script …

## Conclusions

# LacI module