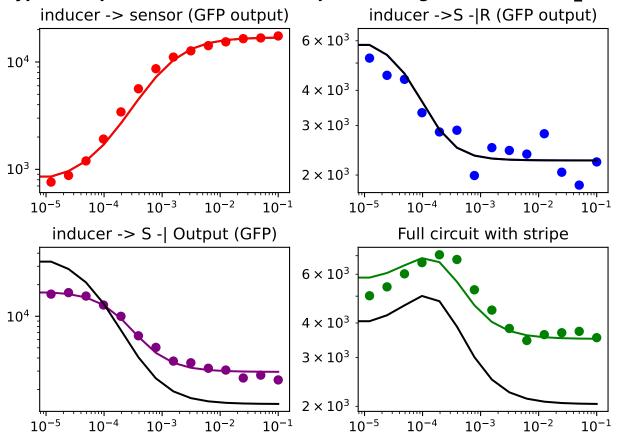
['SM data type data plots for mutation', 'Output8', 'using model:', 'model_hill.model_2'] Initial Guess



time elapsed for this fit --- 13.70864200592041 seconds ---

Converged

Converged Converged

Converged

Across all four plots:

RSS (converged)=0.128

RSS (initial)=1.708

RSS (% reduction)=0.93

```
epsilon Initial guesses
                                Converged
A s 0.000000e+00
                   7.671584e+02
                                  767.158409
B s 0.000000e+00
                   1.694202e+04 16942.019302
C s 0.000000e+00
                   8.969736e+02
                                  896.973585
N s 0.000000e+00
                   1.151182e+00
                                   1.151182
A r 0.000000e+00
                   2.229804e+03 2229.803862
B r 0.000000e+00
                                 8961.651645
                   8.961652e+03
                   1.461384e-03
C r 0.000000e+00
                                  0.001461
N r 0.000000e+00
                   1.841235e+00
                                   1.841235
A o 1.384565e+03
                   9.859837e+02 2370.548305
B o -1.799744e+07
                   1.801530e+07 17854.307122
C o -1.005754e-01
                   1.010522e-01
                                  0.000477
N o 2.095236e-01
                  1.417996e+00
                                  1.627519
                                  1.232140
F o -2.454708e-01
                  1.477611e+00
```