

Additional File 5 – Testing the reproducibility of the selected parameter values.

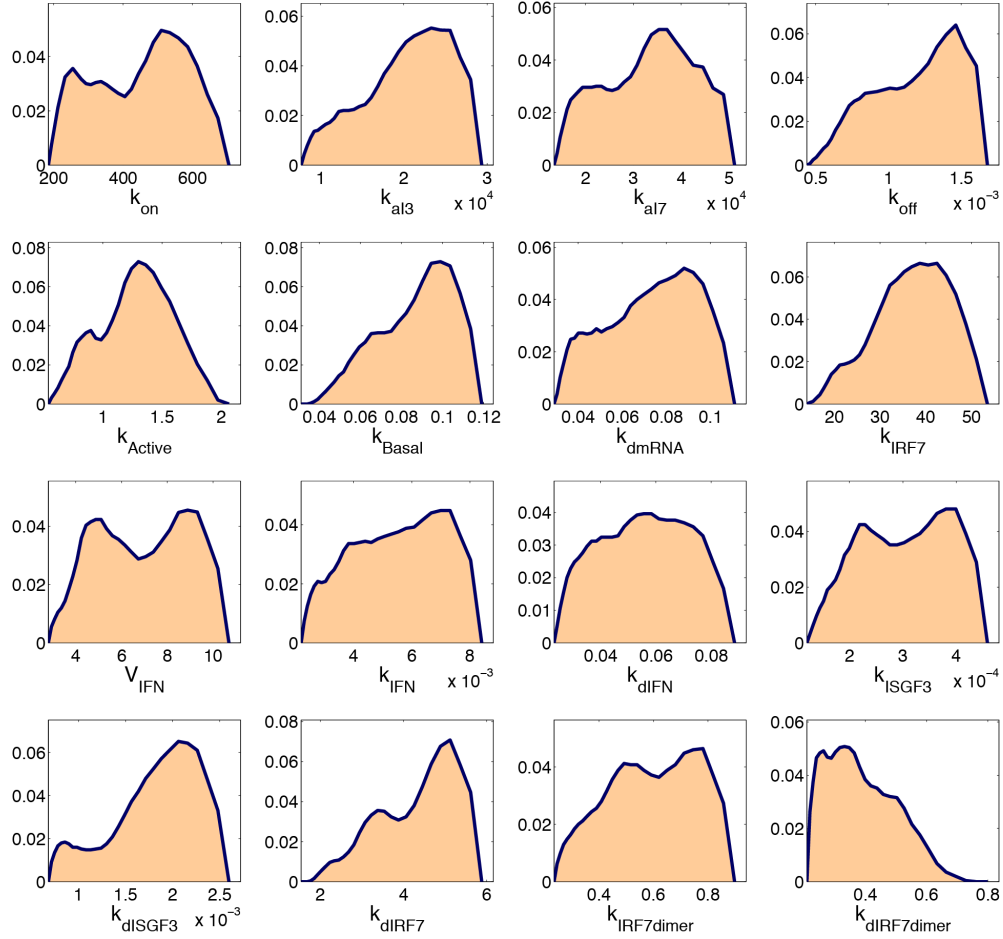


Figure A6: **Distributions for the 16 parameter values for the IRF7 model.** Using the IRF7 model given by reactions (11) to (23), and the parameter ranges given in Table 2 from the main text. The distributions were calculated by running 100 independent random searches with 10000 parameters each one. The parameter used for the distribution were selected by the algorithm, with values for $O.F. < 0.04$, which represents a good fit to the experimental data.