Table S1. Model Parameters

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| **Parameter** | **Value** | **Unit** |
| $$k\_{a}$$ | \*0.705 ± 0.265† | min-1 |
|  α | \*0.111 ± 0.0246† | min-1 |
| β | 0.00508 | min-1 |
| $$k\_{12}$$ | 0.0684 | min-1 |
| $$k\_{21}$$ | 0.0262 | min-1 |
| $$k\_{10}$$ | 0.0215 | min-1 |