**Table A1 | Rate constants of AMPAr kinetic state model**

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| Kinetic AMPAr rate constants |
| Rate constant | Value |
| *k1* | 10 mM-1 ms-1 |
| *k-1* | 7 ms-1 |
| *k2* | 10 mM-1 ms-1 |
| *k-2* | 0.00041 ms-1 |
| *γ0* | 0.001 ms-1 |
| *δ0* | 3.3e-06 ms-1 |
| *γ1* | 0.42 ms-1 |
| *δ1* | 0.017 ms-1 |
| *γ2* | 0.2 ms-1 |
| *δ2* | 0.035 ms-1 |
| *β* | 0.55 ms-1 |
| *α* | 0.3 ms-1 |