|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Transition | | | | Rate | | *k*0 (1/s) | | *x*0 (Å) | |
| TCR–MHC → 0 | | | | *k*f,TCR | | 15.0 ± 0.616 | | 0 ± 0.0644 | |
| (TCR–MHC)\* → 0 | | | | *k*s,TCR | | 0.450 ± 0.0638 | | 3.39 ± 0.235 | |
| TCR–MHC → (TCR–MHC)\* | | | | *k*a,TCR | | 6.37 ± 1.19 | | 0 ± 0.545 | |
| TCR–MHC ← (TCR–MHC)\* | | | | *k*-a,TCR | | 31.1 ± 6.30 | | -13.1 ± 1.28 | |
|  |  | | | |  | |  | |
| Transition | | | | Rate | | *k*0 (1/s) | | *x*0 (Å) | |
| CD4–MHC → 0 | | | | *k*f,CD4 | | 5.03 ± 0.427 | | 4.08 ± 0.387 | |
|  | |  |  | | |  | | |
| Transition | | | | Rate | | *k*0 (1/s) | | *x*0 (Å) | |
| TCR–MHC–CD4 → 0 | | | | *k*f,TCR,CD4 | | 8.53 ± 0.190 | | 0 ± 0.0556 | |
| (TCR–MHC–CD4)\* → 0 | | | | *k*s,TCR,CD4 | | 0.0450 ± 0.00769 | | 5.24 ± 0.223 | |
| TCR–MHC–CD4 → (TCR–MHC–CD4)\* | | | | *k*a,TCR,CD4 | | 0.544 ± 0.0578 | | 3.98 ± 0.219 | |
| TCR–MHC–CD4 ← (TCR–MHC–CD4)\* | | | | *k*-a,TCR,CD4 | | 6.80 ± 0.743 | | -7.83 ± 0.528 | |