|  |  |  |  |
| --- | --- | --- | --- |
|  |  | C296 |  |
| Homolog | kopen(s-1) | kclose(s-1) | kint(μM -1 s-1) |
| Reston WT | 0.7652002 $\pm $0.0000004  | 9.7$\pm $0.1 | 0.177 $\pm $0.003 |
| Reston P280A | 2.45 $\pm $ 0.07 | 1.19 $\pm $ 0.01 | 0.047 $\pm $ 0.005 |
| Zaire WT | 3.17 $\pm $ 0.07 | 7.66 $\pm $0.03 | 0.0136 $\pm $0.0003 |
| Zaire A291P | 0.62 $\pm $ 0.04 | 54.63 $\pm $ 0.05 | 0.081 $\pm $ 0.007 |
| Marburg WT | 2.5 $\pm $ 0.2 | 0.48 $\pm $ 0.005 | 0.0027 $\pm $ 0.0002 |

Supplementary Table 1: Estimates for opening (kopen), closing (kclose) and intrinsic labeling (kint) rates obtained from fits of observed labeling rates as a function DTNB concentration to the Linderstrøm-Lang model.