**TABLE 3.** Kinetic parameters for the opposite-base dependent fU excision by AlkA.

|  |  |  |  |
| --- | --- | --- | --- |
| **Opposite**  **base** | ***kcat* (min-1)** | ***KD* (nM)** | ***kcat*/*KD* (min-1/**  **nM) [fold]** |
| A | 0.028 ± 0.002 | 116.8 ± 51.5 | 0.0002 [1] |
| G | 0.054 ± 0.002 | 13.22 ± 3.14 | 0.0041 [17] |

The standard error of the mean (SEM) is indicated for 5 independent experiments, estimated as a function of increasing enzyme concentration.