**Chromatin remodeling rate constants for multi-substrate assays with ALC1**

**H3 substrate pool**

|  |  |  |  |
| --- | --- | --- | --- |
| **Nucleosome** | **k (min-1)** | **95% CI** | **R2** |
| unmodified (5′1) | n.d. | n.d. | -0.11 |
| unmodified (5′9) | n.d. | n.d. | 0.15 |
| H3S10ADPr1 | n.d. | n.d. | -0.23 |
| H3S10ADPr3 | 0.03784 | 0.02821 to 0.05097 | 0.91 |
| H3S10ADPr4 | 0.03280 | 0.02194 to 0.04905 | 0.84 |

**H2B substrate pool**

|  |  |  |  |
| --- | --- | --- | --- |
| **Nucleosome** | **k (min-1)** | **95% CI** | **R2** |
| unmodified (5′1) | n.d. | n.d. | -0.35 |
| unmodified (5′9) | n.d. | n.d. | 0.21 |
| H2BS6ADPr1 | n.d. | n.d. | 0.06 |
| H2BS6ADPr3 | 0.03637 | 0.02566 to 0.05170 | 0.88 |
| H2BS6ADPr4 | 0.06686 | 0.04344 to 0.1042 | 0.90 |

n.d. : indicates that the value could not be determined with reliability because of a poor fit to the non-linear regression model being used.