

Table 3. Numerical fitting results of random bi–bi model to kinetic data for AK reverse reaction for both the his-tagged mutant AK (mutant) used in single molecule experiments and the untagged wild-type (Wt) protein

Constant ¹	Mutant	Wt
k_{cat}	$170 \pm 20 \text{ s}^{-1}$	$210 \pm 20 \text{ s}^{-1}$
$K_{\text{D,ADP}}$	$154 \pm 7 \text{ }\mu\text{M}$	$150 \pm 10 \text{ }\mu\text{M}$
$K_{\text{D,MgADP}}$	$19 \pm 2 \text{ }\mu\text{M}$	$12 \pm 4 \text{ }\mu\text{M}$

¹ ?/Au: Please confirm “Constant” as an appropriate heading or provide another.