

Supplementary Table II. The calculated enzyme kinetic values of wild-type AAG and AAG variants, C167S and C178S, following SPER/NO treatment (See Materials and Methods).

	Control		20 μM SPER/NO		40 μM SPER/NO	
	<i>K_M</i> (nM)	<i>V_{max}</i> (fmol/min)	<i>K_M</i> (nM)	<i>V_{max}</i> (fmol/min)	<i>K_M</i> (nM)	<i>V_{max}</i> (fmol/min)
WT AAG	19.2 \pm 2.1	15.8 \pm 0.5	18.1 \pm 1.9	25.2 \pm 0.7	19.6 \pm 2.5	24.0 \pm 0.8
C167S	42.3 \pm 7.9	35.6 \pm 2.3	40.7 \pm 7.9	32.8 \pm 2.2	40.0 \pm 6.5	32.4 \pm 1.8
C178S	41.6 \pm 16.0	50.1 \pm 6.9	36.4 \pm 15.0	47.2 \pm 6.7	87.7 \pm 14.0	97.9 \pm 6.9