

Cysteine Residue		$V_{\max}$, Cys-Ala mutant	Oxidative Susceptibility
Solvent Accessible	C112A	59.8 ± 1.5	Yes
	C159A	110.4 ± 2.5	Yes
	C206A	45.5 ± 2.6	Yes
	C308A	94.3 ± 2.4	No
Solvent Inaccessible	C85A	30.6 ± 2.0	Yes
	C129A	101.1 ± 15.0	Yes
	C272A	51.2 ± 0.4	No
	C335A	56.8 ± 0.6	No