

Table 1. Total reduced glutathione and oxidized glutathione content in NSC-34 cell lines expressing mutant SOD1s or wild-type SOD1

	SOD1 protein	Total GSH content (nmoli/mg protein)	Total GSSG content (nmoli/mg protein)
	WT-Doxy	87.00 ± 8.8	ND
	WT+Doxy	99.00 ± 8.3	ND
	G93A-Doxy	84.00 ± 10.7	ND
	G93A+Doxy	88.00 ± 5.3	ND
hSOD1-myc	WT -Doxy	74.00 ± 10.6	ND
	WT +Doxy	77.09 ± 9.8	ND
	A4V -Doxy	98.33 ± 9.3	ND
	A4V +Doxy	89.23 ± 11.9	ND
	G37R -Doxy	106.34 ± 10.7	ND
	G37R +Doxy	109.87 ± 14.8	ND
	H46R -Doxy	96.00 ± 13.0	ND
	H46R +Doxy	88.67 ± 15.8	ND
	H48Q -Doxy	88.65 ± 7.9	1.10 ± 0.5
	H48Q +Doxy	97.44 ± 10.2	1.60 ± 0.4
	H80R -Doxy	89.11 ± 12.6	ND
	H80R +Doxy	96.23 ± 11.3	ND
	G85R -Doxy	98.44 ± 10.8	ND
	G85R +Doxy	104.32 ± 11.8	ND
	D90A -Doxy	87.31 ± 5.9	ND
	D90A +Doxy	97.77 ± 3.4	ND
	G93A -Doxy	82.09 ± 8.9	ND
	G93A +Doxy	79.08 ± 7.2	ND
	D124V -Doxy	78.86 ± 4.9	ND
	D124V +Doxy	90.44 ± 9.7	ND
	D125H -Doxy	89.42 ± 7.9	ND
	D125H +Doxy	94.23 ± 9.5	ND
	E133Δ -Doxy	112.27 ± 14.5	ND
	E133Δ +Doxy	105.66 ± 16.7	ND
S134N -Doxy	77.65 ± 9.9	ND	
S134N +Doxy	87.62 ± 7.0	ND	

ND, not detectable.