

**Supplementary table 2 – Protein candidates susceptible of redox-dependent modifications**

<b>Protein</b>	<b>Tyrosine nitration</b>	<b>S-Glutahionylation</b>	<b>Reference</b>
<i>Glycolitic enzymes</i>			
glyceraldehyde 3-P dehydrogenase	✓	✓	(Gokulrangan <i>et al.</i> 2007; Lind <i>et al.</i> 2002; Fratelli <i>et al.</i> 2004)
enolase	✓		(Gokulrangan <i>et al.</i> 2007; Lind <i>et al.</i> 2002)
fructose 1,6 bi phosphate aldolase		✓	(Fratelli <i>et al.</i> 2004)
<i>Krebs cycle enzymes</i>			
aconitase	✓		(Gokulrangan <i>et al.</i> 2007; Lind <i>et al.</i> 2002)
$\alpha$ -ketoglutarate dehydrogenase	✓	✓	(Shi <i>et al.</i> 2011; Gokulrangan <i>et al.</i> 2007; Lind <i>et al.</i> 2002; Fratelli <i>et al.</i> 2004)
malate dehydrogenase	✓	✓	(Gokulrangan <i>et al.</i> 2007; Lind <i>et al.</i> 2002; Fratelli <i>et al.</i> 2004)
dihydro lipoamide dehydrogenase	✓		(Shi <i>et al.</i> 2011; Gokulrangan <i>et al.</i> 2007; Lind <i>et al.</i> 2002)
<i>Structural proteins</i>			
actin		✓	(Dalle-Donne <i>et al.</i> 2003; Pastore <i>et al.</i> 2003; Fratelli <i>et al.</i> 2004)
tubulin	✓	✓	(Landino <i>et al.</i> 2004)
<i>Antioxidant enzymes</i>			
PRDX1		✓	(Lind <i>et al.</i> 2002)
PRDX6		✓	(Noguera-Mazon <i>et al.</i> 2006)
<i>Other enzymes</i>			
Metalloproteinase-9	✓		(Wang <i>et al.</i> 2011)

