



Erratum: Nitric oxide-based protein modification: formation and site-specificity of protein S-nitrosylation

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Edited by:

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A commentary on

Nitric oxide-based protein modification: formation and site-specificity of protein S-nitrosylation

by Kovacs, I., and Lindermayr, C. (2013). *Front. Plant Sci.* 4:137. doi: 10.3389/fpls.2013.00137

After our article was published online, we recognized that the summary of proteomics approaches to identify candidate proteins for S-nitrosylation in plants (Table 1) was incomplete. We have included here the following missing references: Romero-Puertas et al., 2008; Abat and Deswal, 2009; Tanou et al., 2009, 2012.

Table 1 | Summary of proteomics approaches to identify candidate proteins for S-nitrosylation in plants.

Plant species	Tissue/Organelle	Treatment	No. of identified candidates	Citation
<i>Arabidopsis thaliana</i>	Cell cultures	GSNO-treated protein extracts	63	Lindermayr et al., 2005
<i>Arabidopsis thaliana</i>	Leaves	Plants treated with gaseous NO	52	Lindermayr et al., 2005
<i>Arabidopsis thaliana</i>	Leaves	<i>Pseudomonas syringae</i> avirB, HR reaction	16	Romero-Puertas et al., 2008
<i>Kalanchoe pinnata</i>	Leaves	GSNO-treated protein extracts	19	Abat et al., 2008
<i>Brassica juncea</i>	Seedlings	GSNO-treated protein extracts	20	Abat and Deswal, 2009
<i>Brassica juncea</i>	Seedlings	Low temperature	10	Abat and Deswal, 2009
<i>Citrus aurantium</i> L.	Leaves	Salt stress	49	Tanou et al., 2009
<i>Arabidopsis thaliana</i>	Leaf mitochondria	GSNO-treated protein extracts	11	Palmieri et al., 2010
<i>Arabidopsis thaliana</i>	Cell cultures	GSNO-treated protein extracts	27	Maldonado-Alconada et al., 2011
<i>Arabidopsis thaliana</i>	Leaves	<i>Pseudomonas syringae</i> avir/vir	119	Maldonado-Alconada et al., 2011
<i>Arabidopsis thaliana</i>	Cell cultures	Untreated	53	Fares et al., 2011
<i>Solanum tuberosum</i>	Leaves	GSNO-treated protein extracts	34	Kato et al., 2012
<i>Solanum tuberosum</i>	Tubers	GSNO-treated protein extracts	46	Kato et al., 2012
<i>Oryza sativa</i> (WT)	Leaves	High light	73	Lin et al., 2012
<i>Oryza sativa</i> (nitric oxide excess1 mutant; noe1)	Leaves	High light	100	Lin et al., 2012
<i>Pisum sativum</i>	Leaf peroxisomes	GSNO-treated peroxisomes	6	Ortega-Galisteo et al., 2012
<i>Pisum sativum</i>	Leaf mitochondria	Salt-stressed plants	24	Camejo et al., 2012
<i>Citrus aurantium</i> L.	Leaves	GSNO-treated protein extracts	82	Tanou et al., 2012
<i>Citrus aurantium</i> L.	Roots	GSNO-treated protein extracts	64	Tanou et al., 2012

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- Received: 11 June 2013; accepted: 11 June 2013; published online: 04 July 2013.
- Citation: Kovacs I and Lindermayr C (2013) Erratum: Nitric oxide-based protein modification: formation and site-specificity of protein S-nitrosylation. *Front. Plant Sci.* 4:229. doi: 10.3389/fpls.2013.00229
- This article was submitted to *Frontiers in Plant Proteomics*, a specialty of *Frontiers in Plant Science*.
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