Supplemental table S1 Mutant lines used in NO ₂ fumigation experiments			
Mutant line	Mutated gene(s)	Donated by	Reference
nia1nia2noa1	AT1G77760 (NIA1), AT1G37130 (NIA2), AT3G47450 (NOA1)	Wenbiao Shen	Xie <i>et al.</i> , 2013
nox1 (cue1)	AT5G33320	Elizabeth Vierling	He et al., 2004
gsnor (hot5-2)	AT5G43940	Elizabeth Vierling	Lee et al., 2008
GSNOR-AS	AT5G43940	Carmen Martinez	Rusterucci et al., 2007
rbohD	AT5G47910	Own stocks	Pogány et al., 2009
rbohF	AT1G64060	Own stocks	Pogány et al., 2009
gsh1 (cad2)	AT4G23100	Markus Wirtz	Cobbett et al., 1998
vtc1	AT2G39770	Mikael Brosché	Conklin et al., 1996
aos ^a	AT5G42650	Mikael Brosché	Park et al., 2002
coi1-16 ^b	AT2G39940	Mikael Brosché	Xu et al., 2015
jar1	AT2G46370	Susanne Berger	Staswick et al., 1992
sid2	AT1G74710	Mikael Brosché	Wildermuth et al., 2001
NahG		Novartis AG	Lawton et al., 1995
npr1	AT1G64280	Xinnian Dong	Cao et al., 1994
ein2	AT5G03280	Mikael Brosché	Guzmán and Ecker, 1990
eto1	AT3G51770	Mikael Brosché	Guzmán and Ecker, 1990
etr1	AT1G66340	Own stocks	Bleecker et al., 1988
aba2	AT1G52340	Mikael Brosché	Léon-Kloosterziel et al., 1996
aba3	AT1G16540	Mikael Brosché	Léon-Kloosterziel et al., 1996
abi4	AT2G40220	Mikael Brosché	Finkelstein, 1994

^aaos was compared with Col-glabra1 (Col-gl1) background line.

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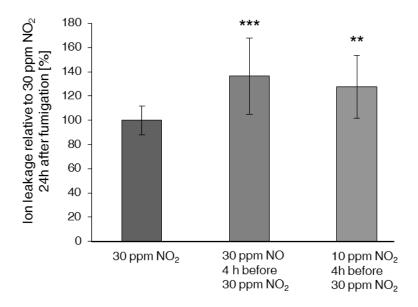
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^bcoi1-16 was back-crossed with Col-0 for removing the *glabra1* and *penetration2* mutations (Xu et al., 2015).

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Supplemental figure S1. Pre-fumigation with 30 ppm NO or 10 ppm NO_2 promotes NO_2 -induced cell death. 4 h before inducing cell death with 30 pm NO_2 , plants were pretreated with 30 ppm NO or 10 ppm NO_2 for 1 h. Rosettes were harvested directly after the 1 h fumigation with 30 ppm NO_2 and ion leakage was measured 24 h after fumigation. Data were normalized to fumigation with 30 ppm NO_2 alone. Columns represent means (\pm SD, n = 10-19 (B), 15-19 (C)). Asterisks indicate significant differences from control samples (One Way ANOVA with Holm-Sidak post-hoc test for multiple comparisons versus control group, **p < 0.01, ***p < 0.001).