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Spingolipid metabolism and programmed cell death in tomato

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List of abbreviations:

AAL-toxin	<i>Alternaria alternata</i> f.sp. <i>lycopersici</i> -toxin;
<i>acd11</i>	accelerated-cell-death mutant 11;
ARH	aromatic ring-hydroxylating;
<i>Asc-1</i>	<i>Alternaria</i> stem canker resistance gene-1;
CAO	chlorophyll a oxygenase;
CBS	chlorophyll b synthase;
DHS	dihydrosphingosine;
ER	endoplasmic reticulum;
EST	expressed sequence tag;
FA	fatty acid;
GluCers	glucosylceramides;
GPI	glycosylphosphorylinositol;
HR	hypersensitive response;
InsPCers	inositolphosphorylceramides;
3-KDHS	3-ketodihydrosphingosine;
<i>LAC1</i>	longevity assurance gene cognate;
<i>LAG1</i>	longevity assurance gene and;
LCB	long-chain base;
LC-MS/MS	liquid-chromatography coupled online to tandem-mass spectrometry;
<i>Lls1</i>	lethal leaf spot 1;
PCD	programmed cell death;
PHS	phytosphingosine;
PIR-proteins	proteins with internal repeats;
PL	phosphoglycerolipids;
PVX	potato virus X;
ROI	reactive oxygen intermediates;
SAMs	sphinganine analogue mycotoxins;
SPT	serine palmitoyltransferase;
TLC	thin-layer chromatography;
<i>uog1</i>	up-stream of growth and differentiation factor-1;
VIGS	virus-induced gene silencing;
VLCFA	very long-chain fatty acids.