

Table S1 The expression level of selected genes involved in senescence regulation and protection against oxidative damage in *Arabidopsis thaliana* L. (AT, Col-0) after 48 h treatment with 10 $\mu\text{mol}\cdot\text{L}^{-1}$ 3MeOBAPA. Gene ID, name and description and log2 fold change of mock-treated and 3MeOBAPA-treated transcript abundance are listed. RNA-seq gene expression analysis was performed within our previous study [26].

ID	Log2 fold change	Gene name	description
AT5G45890	-12.35	<i>SAG12</i>	SENESCENCE-ASSOCIATED GENE 12
AT5G03280	-0.93	<i>EIN2, ORE3</i>	ETHYLENE INSENSITIVE 2, ORESARA 3
AT3G20770	-0.69	<i>EIN3</i>	ETHYLENE INSENSITIVE 3
AT5G39610	-1.30	<i>ORE1</i>	ORESARA 1
AT2G42620	-1.66	<i>ORE9</i>	ORESARA 9
AT2G43000	4.14	<i>JUB1</i>	JUNGBRUNNEN 1
AT3G22840	5.02	<i>ELIP1</i>	EARLY-LIGHT INDUCED PROTEIN 1
AT4G14690	3.71	<i>ELIP2</i>	EARLY-LIGHT INDUCED PROTEIN 2
AT1G30135	5.19	<i>JAZ8</i>	JASMONATE-ZIM-DOMAIN PROTEIN 7
AT2G34600	1.13	<i>JAZ7</i>	JASMONATE-ZIM-DOMAIN PROTEIN 8