

Table 1 Suppl. Relationships between the content of GABA or MDA and different stresses (cold, heat, NaCl, and mannitol) in the wild type (WT) and *pop2* mutants of *Arabidopsis thaliana* seedlings (*r* - correlation coefficient).

Mutant	Stress	<i>r</i> (GABA)	<i>r</i> (MDA)
<i>pop2</i>	cold	-0.96	-0.971
	heat	-0.957	-0.943
	NaCl	-0.985	-0.999
	mannitol	-0.989	-0.973
<i>pop2-1</i>	cold	-0.997	-0.948
	heat	-0.992	-0.982
	NaCl	-0.979	-0.962
	mannitol	-0.858	-0.953
<i>pop2-3</i>	cold	-0.985	-0.999
	heat	-0.989	-0.973
	NaCl	-0.818	-0.851
	mannitol	-0.996	-0.979
WT	cold	-0.82	-0.86
	heat	-0.89	-0.91
	NaCl	-0.997	-0.948
	mannitol	-0.992	-0.982