

Table S1. Univariate statistical analysis of the fresh weight of CAX mutant plants in response to metal stress. The fresh weight of Col-0 (wild type) and *cax* knockout seedlings was determined 21 d after sowing on 0.5× MS (pH 5.6) medium supplemented with 25 mM CaCl₂, 10 μM CdCl₂, 10 mM LiCl, 50 mM NaCl, 25 mM MgCl₂, 1.5 mM MnCl₂, or no supplements, then incubation at 22°C under a 16 h light/8 h dark cycle. A two-way ANOVA with Tukey post-hoc test on the variance in fresh weight of mutant seedlings in response to metal stress identified the following significant differences (* $P < 0.05$; ** $P < 0.01$; *** $P < 0.001$); $n = 889$.

Genotype	Col-0	<i>cax1</i>	<i>cax2</i>	<i>cax3</i>	<i>cax1/cax2</i>
Col-0					
<i>cax1</i>	**				
<i>cax2</i>					
<i>cax3</i>		***			
<i>cax1/cax2</i>	***		*	***	
<i>cax2/cax3</i>		***			***