



Fig. 12 Expression and activity of SOD, POD and CAT in Arabidopsis lines under freezing stress. (A) Activity of SOD in Arabidopsis under freezing stress. (B) Expression of *AtSOD1* in Arabidopsis lines under freezing stress. (C) Expression of *AtSOD2* in Arabidopsis under freezing stress. (D) Expression of *AtSOD3* in Arabidopsis under freezing stress. (E) Activity of POD in Arabidopsis under freezing stress. (F) Expression of *AtPER3* in Arabidopsis lines under freezing stress. (G) Activity of CAT in Arabidopsis under freezing stress. (H) Expression of *AtCAT2* in Arabidopsis lines under freezing stress. (I) Expression of *AtCAT3* in Arabidopsis lines under freezing stress. All values in the figure are mean \pm SD (n = 3), *P* values (versus 24°C) were calculated with two-way ANOVA, * *P*<0.05, ** *P*<0.01, *** *P*<0.001, **** *P*<0.0001.