

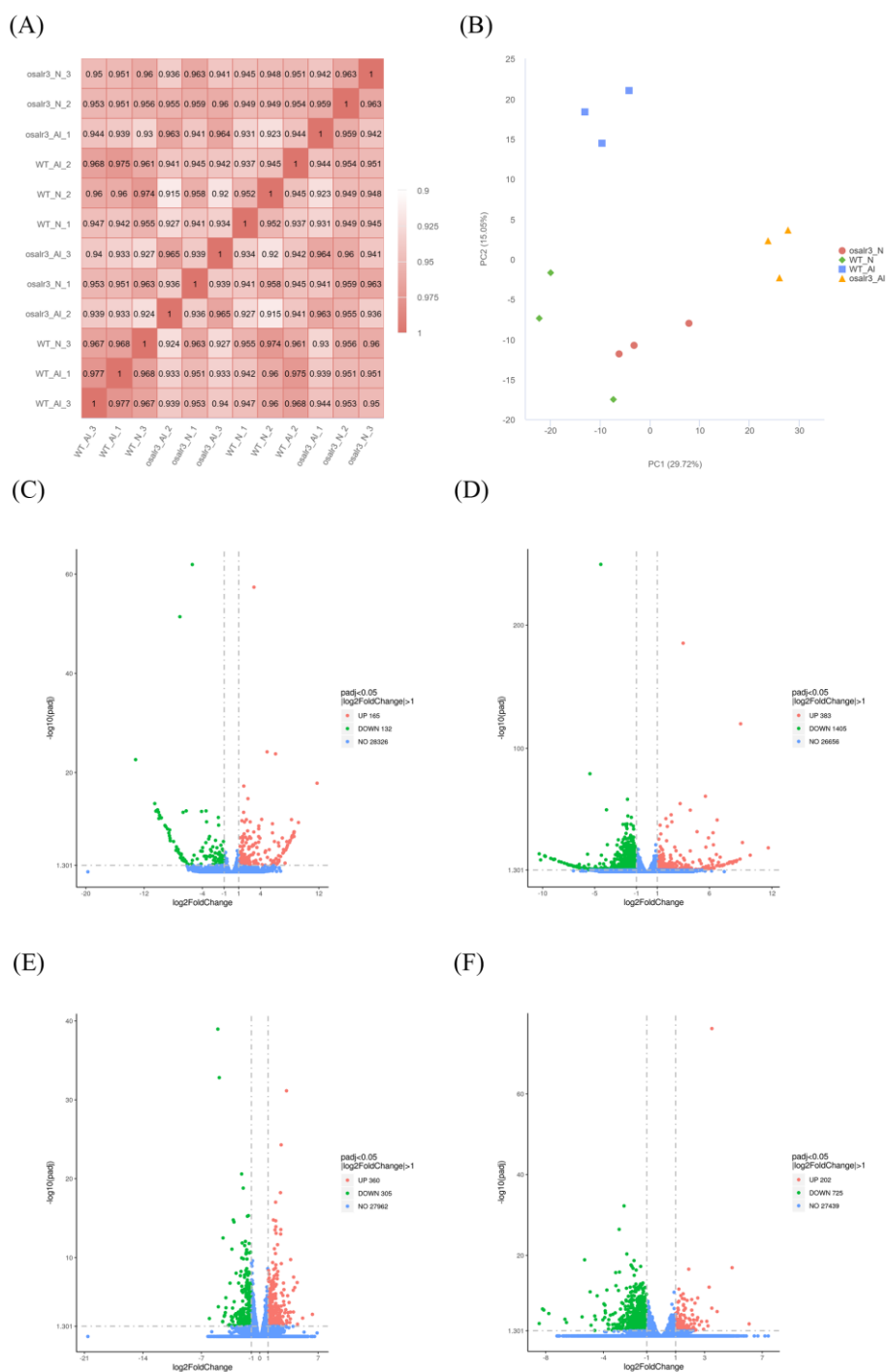


Fig. S1. Overview of the differentially expressed genes (DEGs) between WT and the *osair3* lines under normal conditions and AI stress. (A) Person correlation coefficient matrix between RNA-Seq samples. (B) PCA analysis of various treatment groups. (C) Volcano plots of the DEGs from the comparison of *osair3*-N vs. WT-N. (D) Volcano plots of the DEGs from the comparison of *osair3*-AI vs. WT-AI. (E) Volcano plots of the DEGs from the comparison of WT-AI vs. WT-N. (F) Volcano plots of the DEGs from the comparison of *osair3*-AI vs. *osair3*-N. WT-N, WT under normal conditions. WT-AI, WT under AI stress. *osair3*-N, *osair3* under normal conditions. *osair3*-AI, *osair3* under AI stress.