



Figure 5. Expression of stress-related genes in female and male *P. x euramericana* sibs under different irrigation. (A) *SOD*, (B) *GST*, (C) *bHLH35*, (D) *PsbX1*. CK, control treatment (70%-80% of SWHC); MS, moderate water deficit stress (50%-60% of SWHC); SS, severe water deficit stress (30%-40% of SWHC). Different letters above the number bars indicate significant differences at the level of $P \leq 0.05$ according to Duncan post-hoc tests. Values are means \pm SE ($n = 3$).