

blue line represents the α -helix, the red line represents the extended segment, the green line represents the β -angle, and the purple line represents the irregular curl.

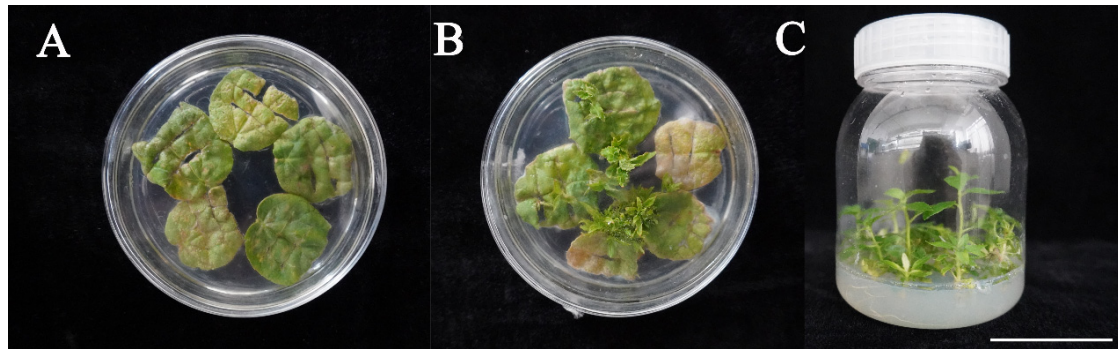


Figure S3 Cultivation of PagMYB205 transgenic poplar. **(A)** Infected 84K poplar leaves were cultured on selective medium. **(B)** The leaves with resistant buds grew on the selective medium. **(C)** Resistant buds grew on selective rooting medium. bar:5cm.

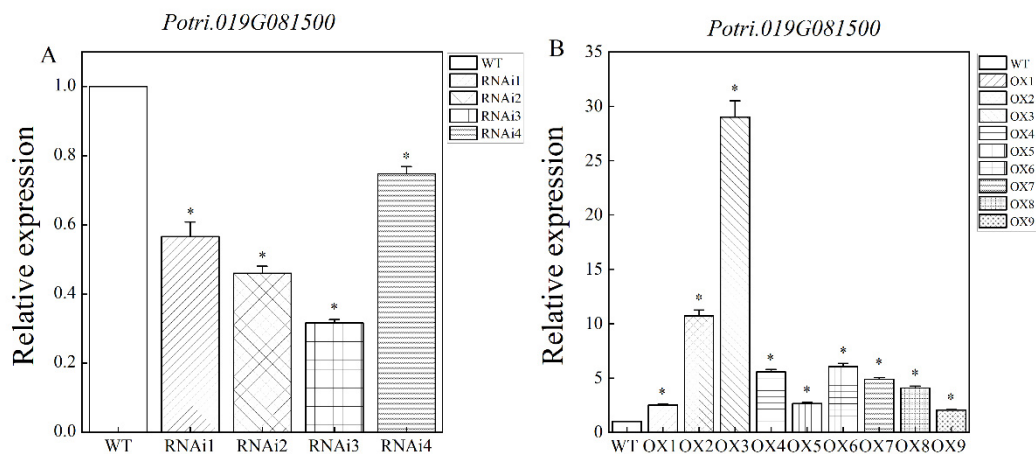


Figure S4 RT-qPCR identification of transgenic poplar. **(A)** Different lines of RNAi-PagMYB205 transgenic poplar. **(B)** Different lines of pBI121-PagMYB205 transgenic poplar. * indicate significant differences among lines ($p < 0.05$).

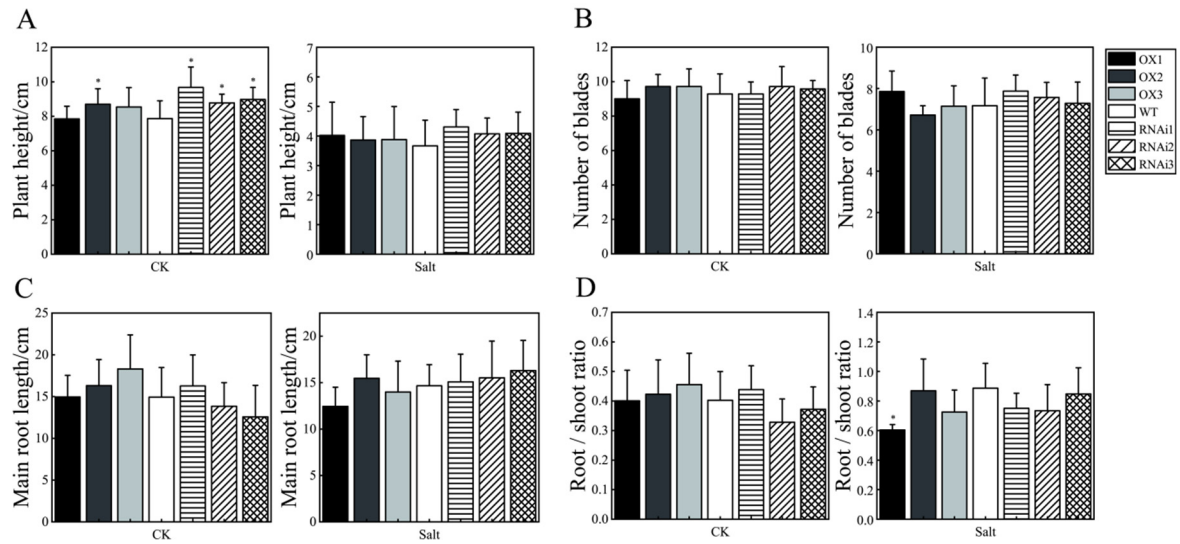


Figure S5 The morphological indexes of PagMYB205 transgenic poplar and non-transgenic poplar under salt treatment and non-salt treatment conditions. (A) Plant height. (B) Number of blades. (C) Main root length. (D) Root-shoot ratio. * indicate significant differences among lines ($p < 0.05$). CK: normal conditions; Salt: Salt treatment conditions.

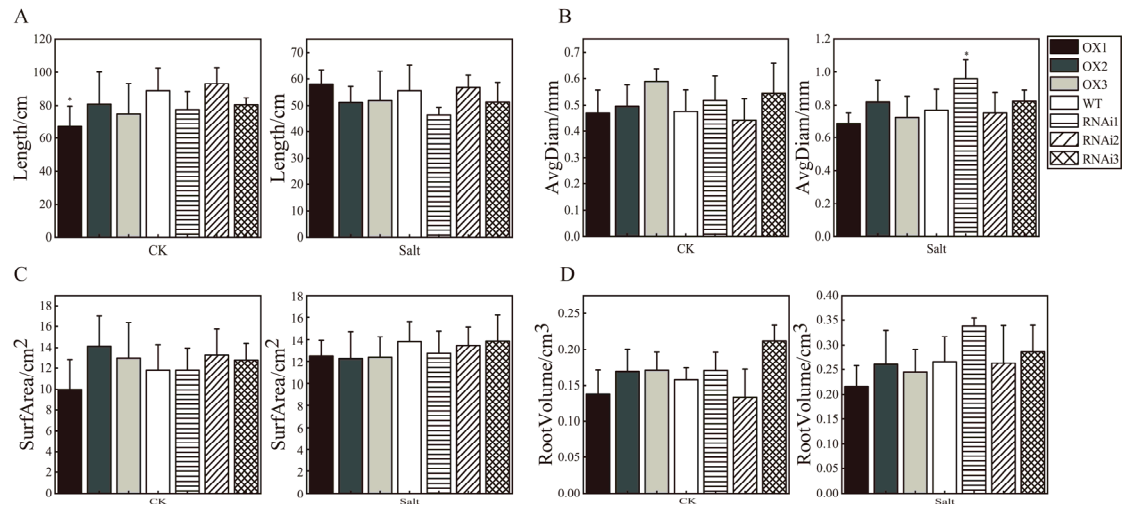


Figure S6 Root morphological data of PagMYB205 transgenic poplar and non-transgenic poplar under salt and non-salt treatment conditions. (A) Length. (B) AvgDiam. (C) SurfArea. (D) Root Volume. * indicate significant differences among lines ($p < 0.05$). CK: normal conditions; Salt: Salt treatment conditions.

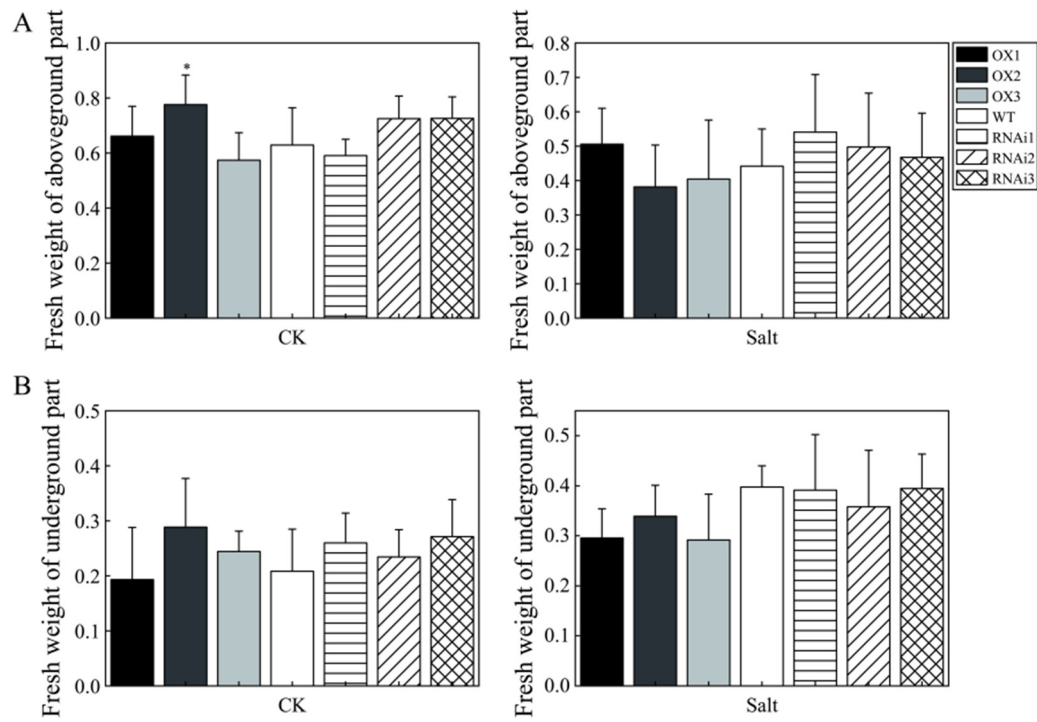


Figure S7 Fresh weight of PagMYB205 transgenic poplar and non-transgenic poplar under salt treatment and non-salt treatment conditions. **(A)** Fresh weight of aboveground part. **(B)** Fresh weight of underground part. * indicate significant differences among lines ($p < 0.05$). CK: normal conditions; Salt: Salt treatment conditions.