Figure S2. Constructed constructs of the experiment to test the combined ability of FOS and mir-548s, and to verify that XLOC_098131 regulates FOS expression through competitive binding to miR-548s. (A) FOS contains a 3'utr luciferase reporter gene wild-type plasmid named pHS-AVC-LW480 (psi-SV40 promoter-hRluc-Fos gene part (hsa-miRNA-548ay-3p target)-HSV TK promoter-hluc). (B) a mutant expression plasmid of FOS without predicted miR-548s binding sites pHS-AVC-LW481 (psi-SV40 promoter-hRluc-Fos gene part mutation (hsa-miRNA-548ay-3p target mutation)-HSV TK promoter-hluc). (C) FOS luciferase vector Pharma named pHS-AVC-LW482 (psi-SV40 promoter-hRluc-Fos gene part (hsa-miRNA-548ay-3p target)-HSV TK promoter-hluc). (D) XLOC_098131 overexpression plasmid and a mutant overexpression plasmid of XLOC_098131 without predicted miR-548s binding sites.