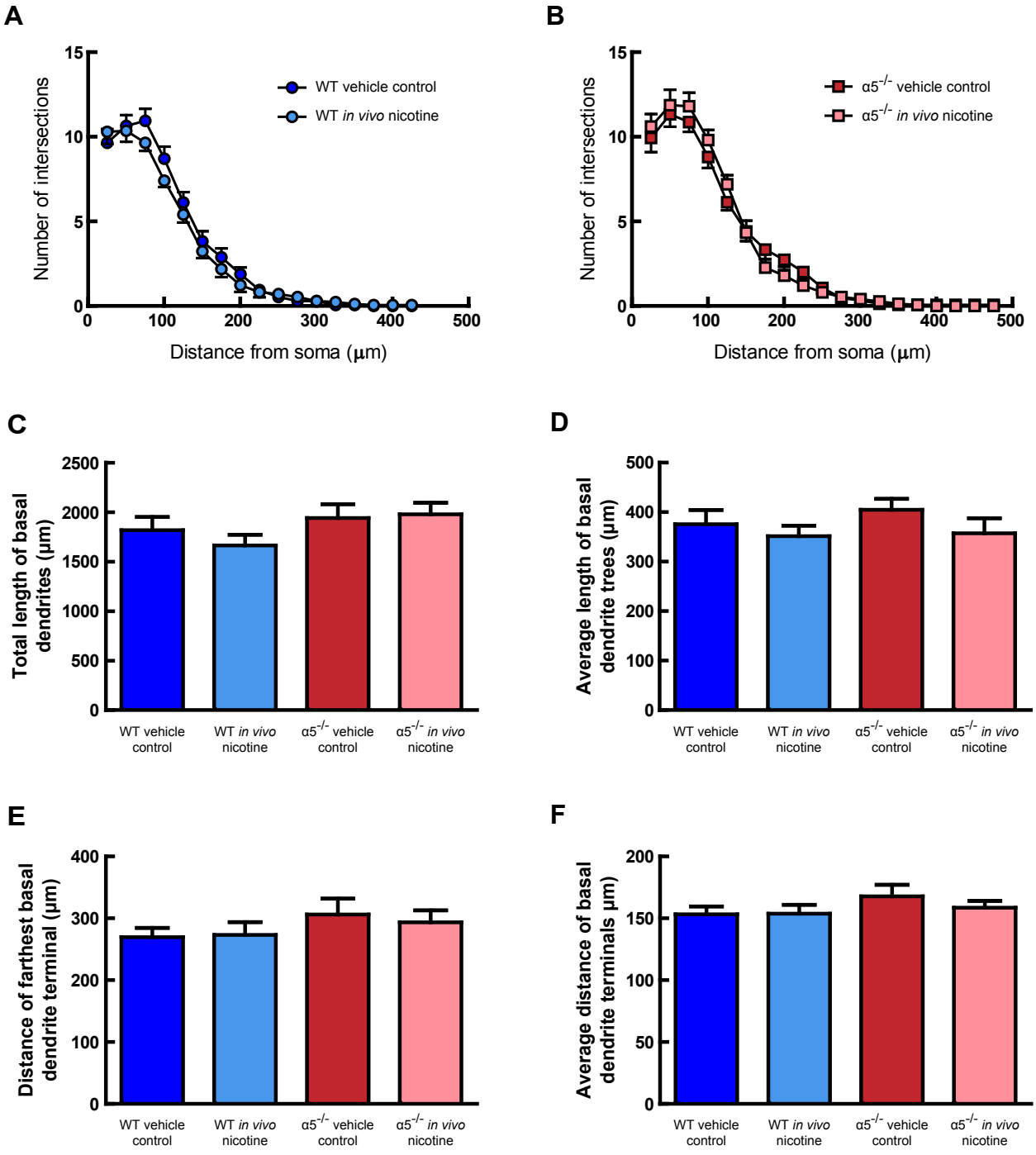
Supplemental Figure 2



Supplemental Figure 2. Developmental *in vivo* nicotine exposure did not affect basal dendrite morphology for adult mice of either genotype. *A* and *B*, Sholl analysis of basal dendrite trees revealed no effect of developmental *in vivo* nicotine on dendrite complexity for either wildtype mice (two-way ANOVA, main effect of developmental *in vivo* nicotine, $F(1,544) = 2.98$, $p = 0.1$) or α5$^{-/-}$ mice (main effect of developmental *in vivo* nicotine, $F(1,532) = 0.16$, $p = 0.7$). There was also no effect of developmental *in vivo* nicotine exposure within either genotype on the total length of basal dendrites (*C*), the average legth of basal dendrite trees (*D*), the distance of the farthest basal dendrite terminal from the soma (*E*) or the average distance of basal dendrite terminals from the soma (*F*) (all $p > 0.05$).