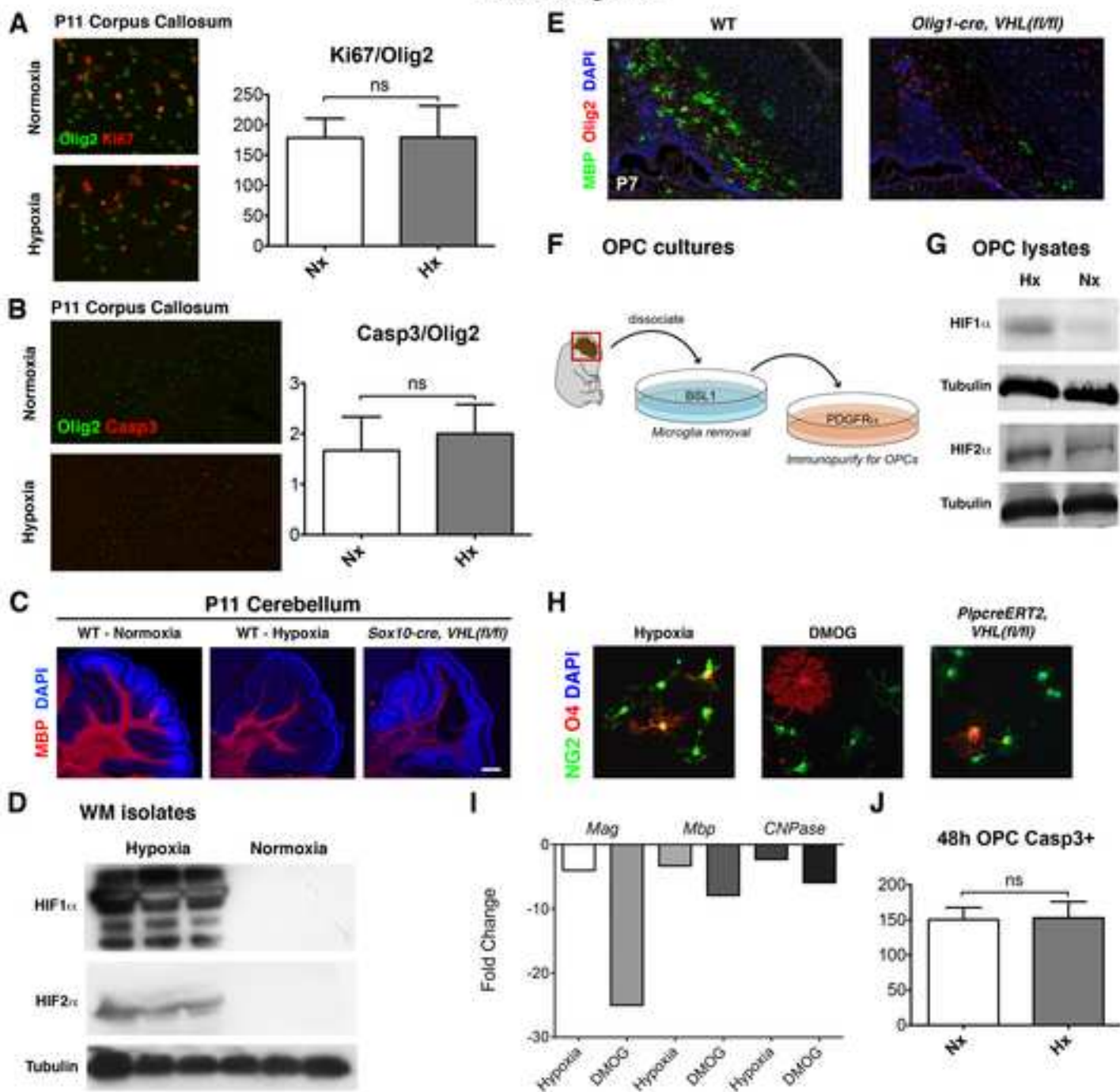
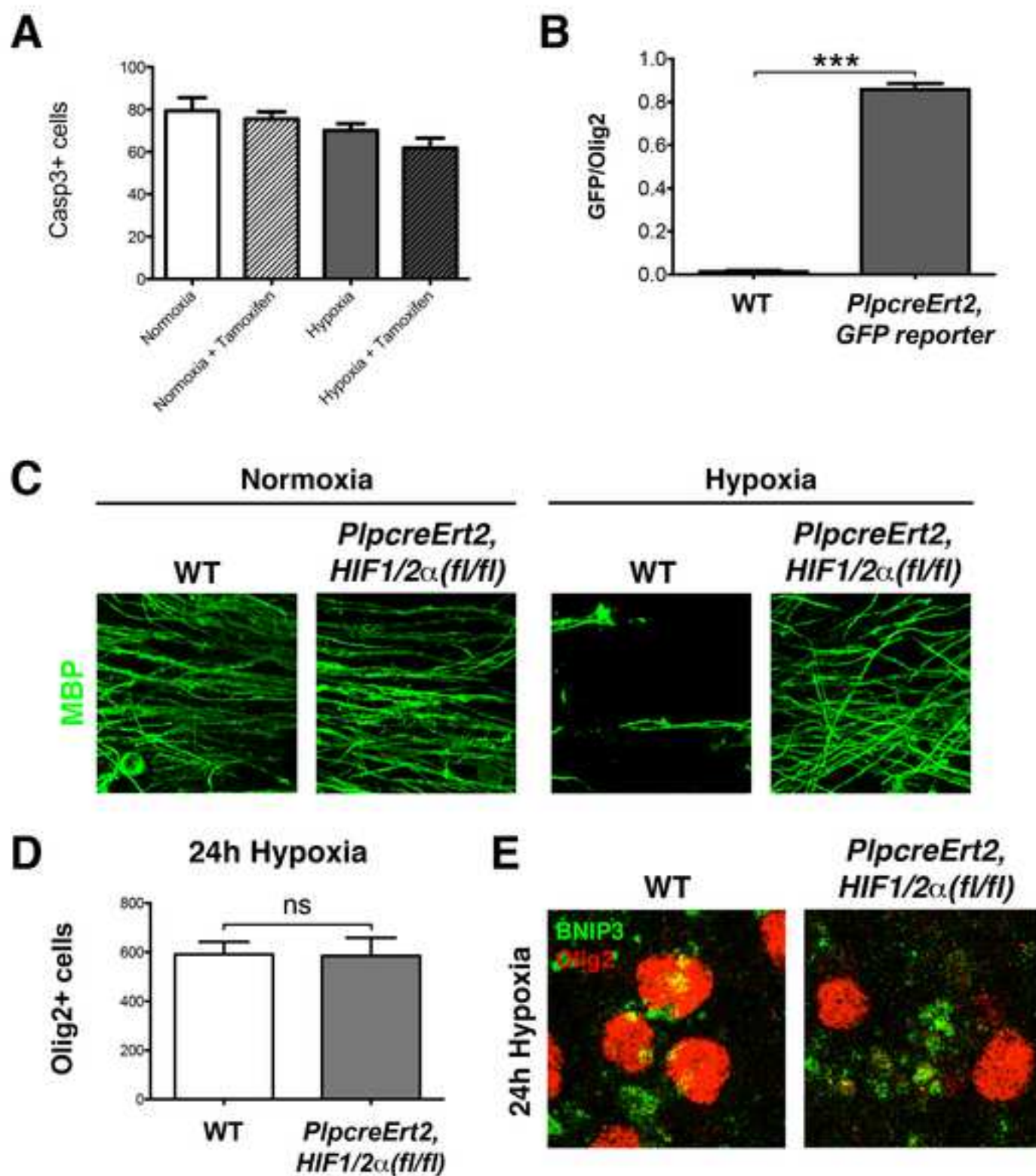


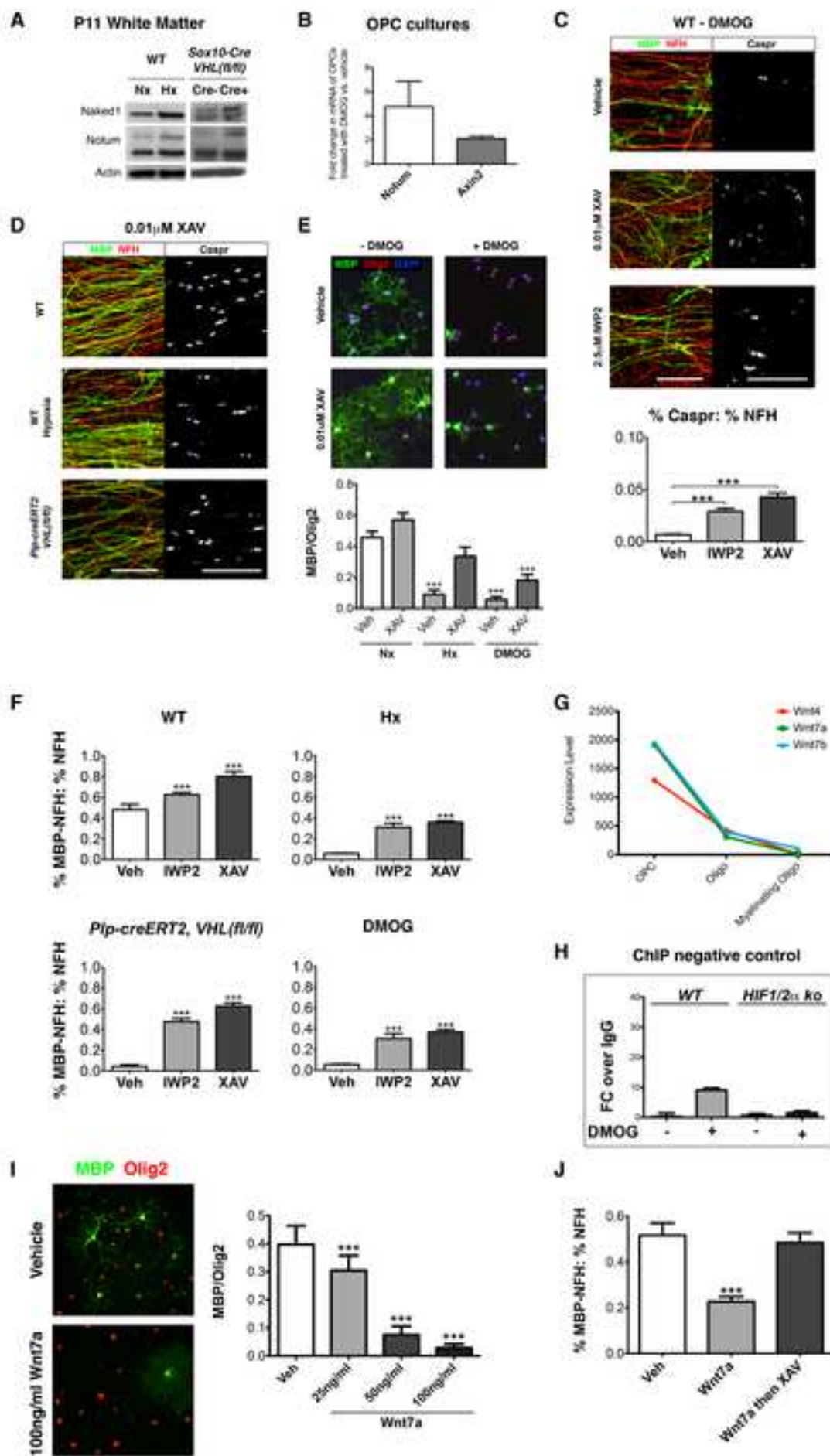
Supplemental Figure 1. Additional analyses of proliferation, survival, myelination, and HIF/myelin gene expression, related to Figure 1.



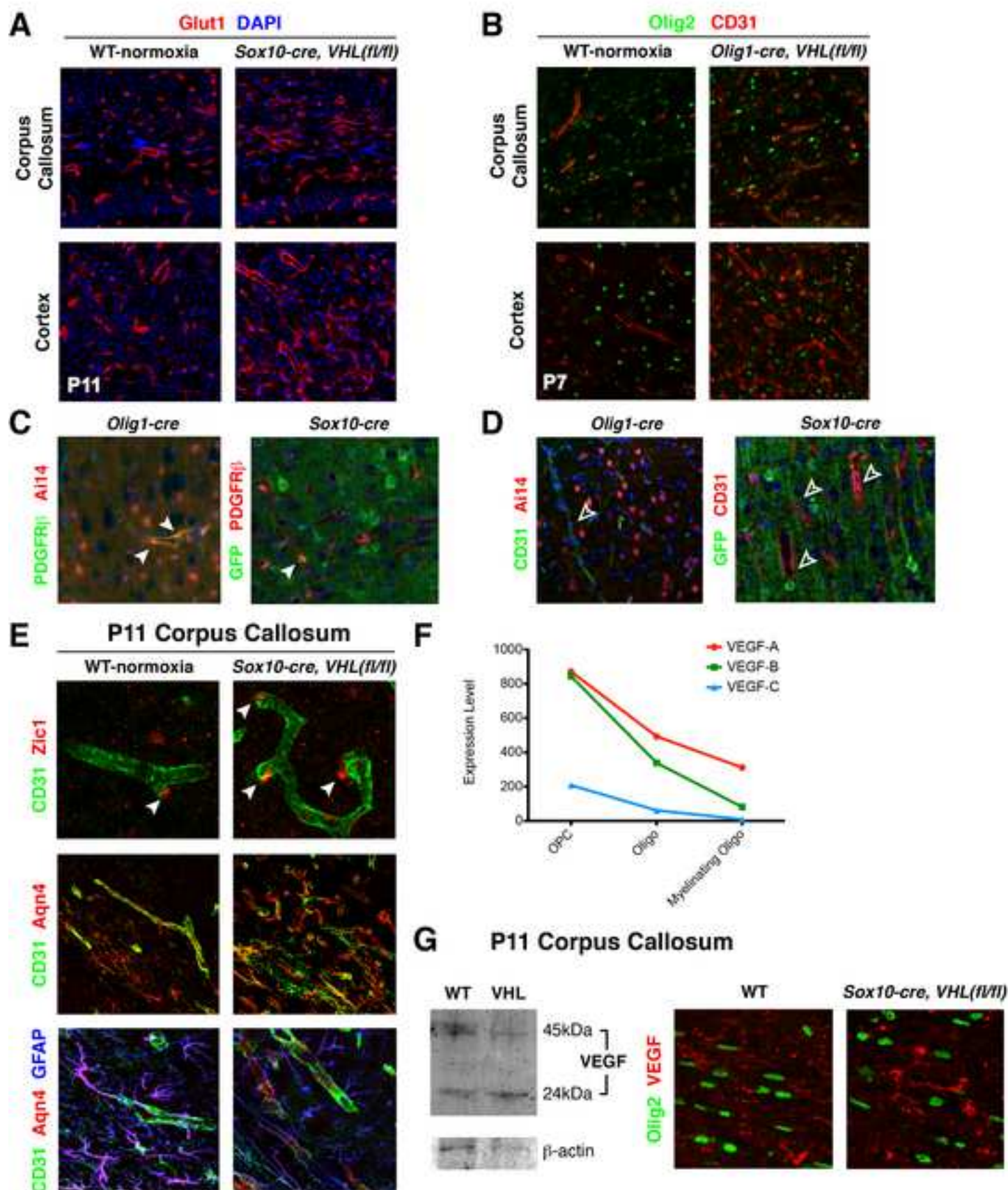
Supplemental Figure 2. Additional analyses of survival, HIF expression and OPC differentiation block in cerebellar slice cultures, related to Figure 2.



Supplemental Figure 3. Additional analyses of activation of canonical Wnt signaling upon HIF stabilization in OPCs, related to Figure 2.

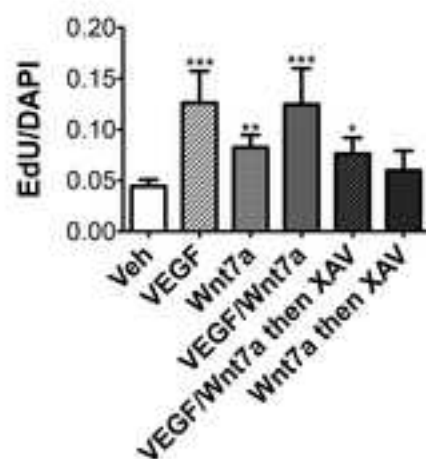


Supplemental Figure 4. Additional analyses and controls demonstrating *HIF* stabilization in OPCs promotes angiogenesis *in vivo*, related to Figure 4.

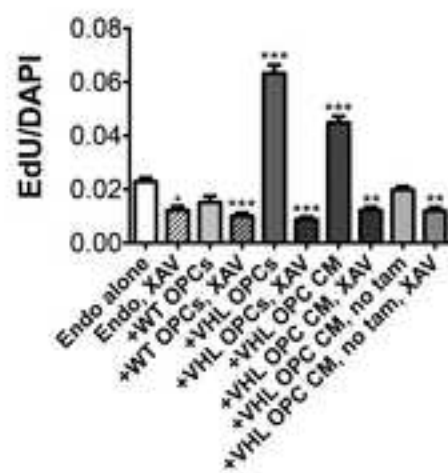


Supplemental Figure 5. Additional analyses and controls demonstrating OPCs directly promote angiogenesis in a Wnt-dependent manner, related to Figure 5.

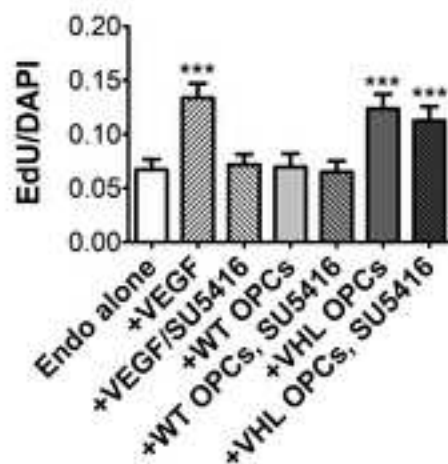
A Endo alone



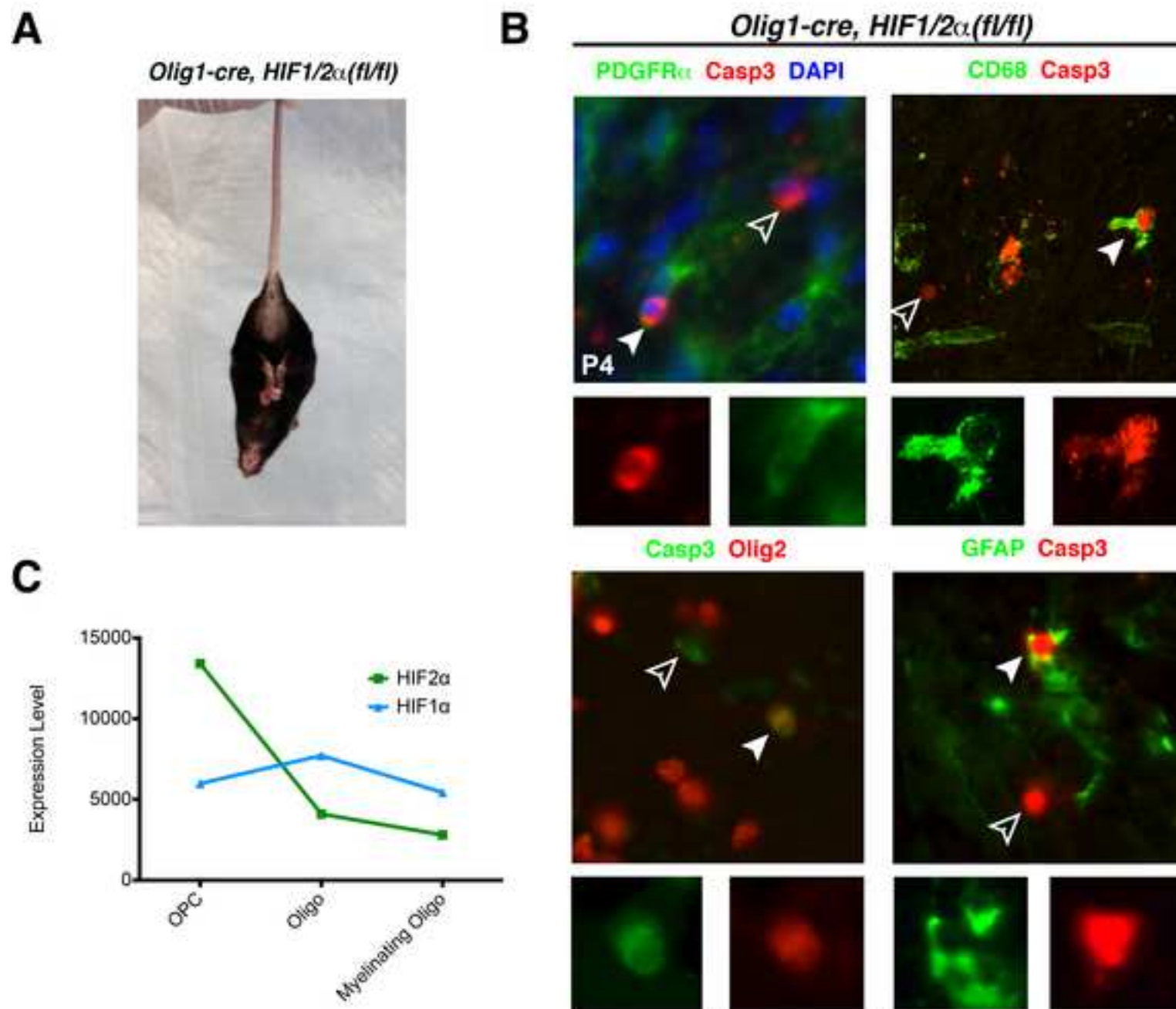
B 24h



C 48h



Supplemental Figure 6. Additional analyses of phenotype of *Olig1-cre*, *HIF1/2 α (fl/fl)* mice, related to Figure 6.



Supplemental Figure 7. Model for cell-intrinsic for HIF signaling in synchronization of OPC differentiation, white matter angiogenesis, and myelination, related to Figure 7.

