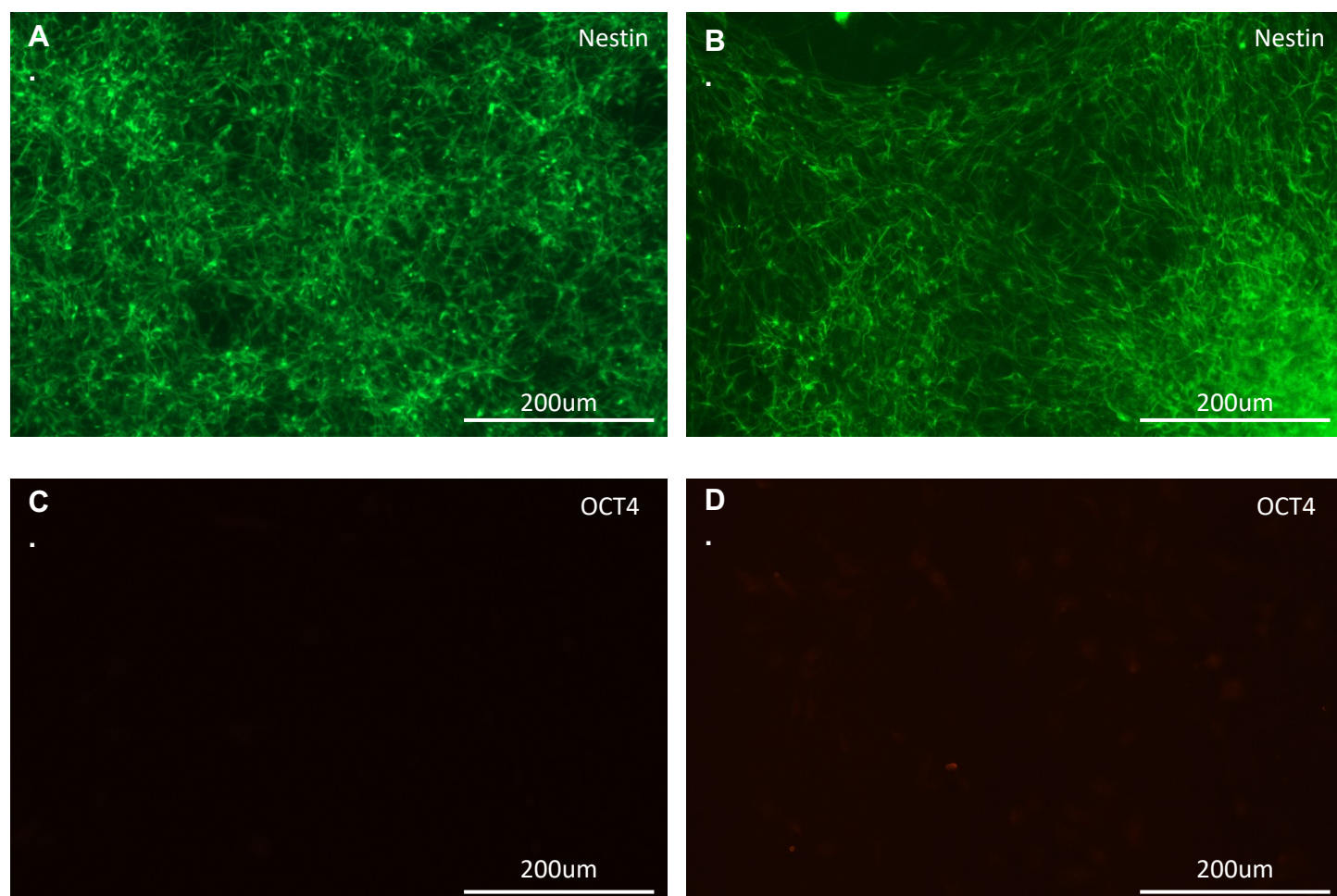




Supplemental Figure 7. Immunofluorescent Characterization of Differentiated *T158M^{MT}* and *T158M^{WT}* Neural Stem Cells Derived from Induced Pluripotent Stem Cells. Representative images of differentiated *T158M^{MT}* and *T158M^{WT}* neural stem cells (NSCs) derived from induced pluripotent stem cells (iPSCs), showcasing the use of immunofluorescent staining to assess the quality of the cultures. **(A-B)** Images demonstrate the uniform expression of Nestin (green), a marker indicative of NSC identity. **(C-D)** Images confirm the absence of the pluripotent marker OCT4 (red), validating the successful differentiation of NSCs. The absence of OCT4 and presence of Nestin in the differentiated cells ensure the cultures' purity and differentiation status. Scale bars represent 200 μm .