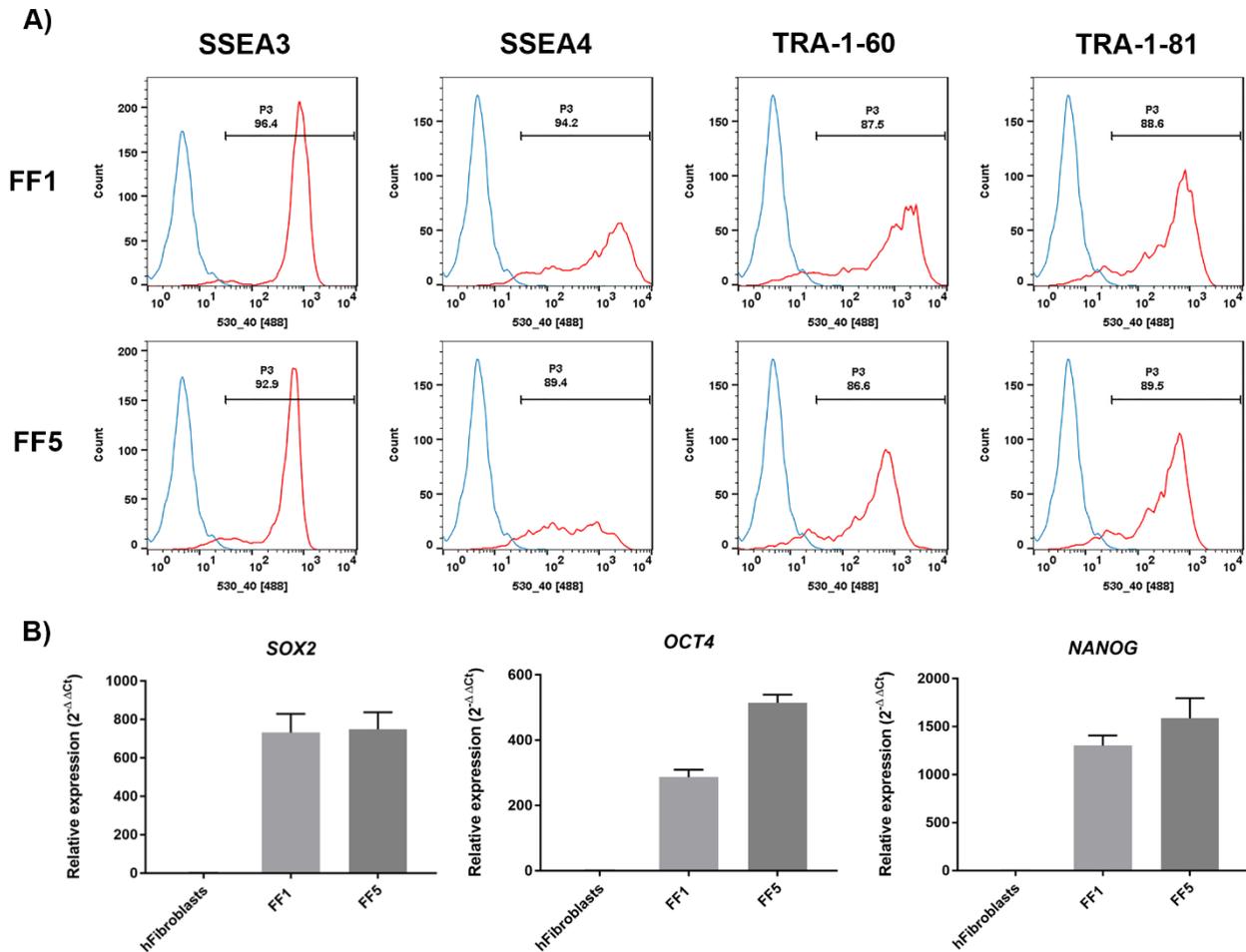
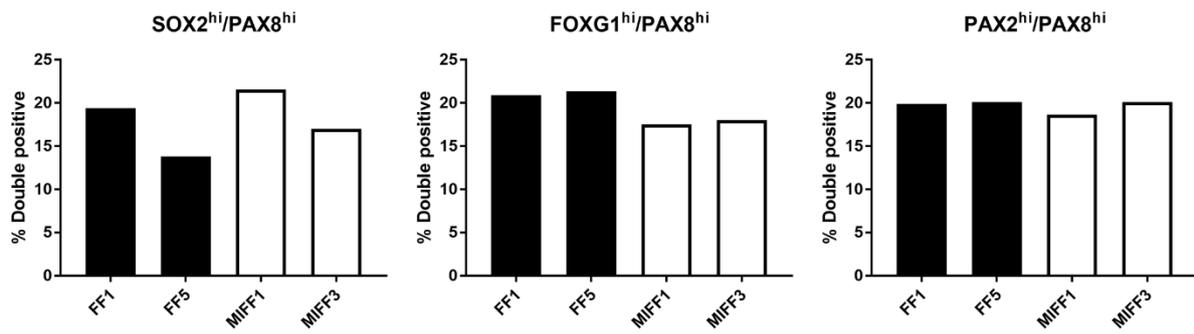


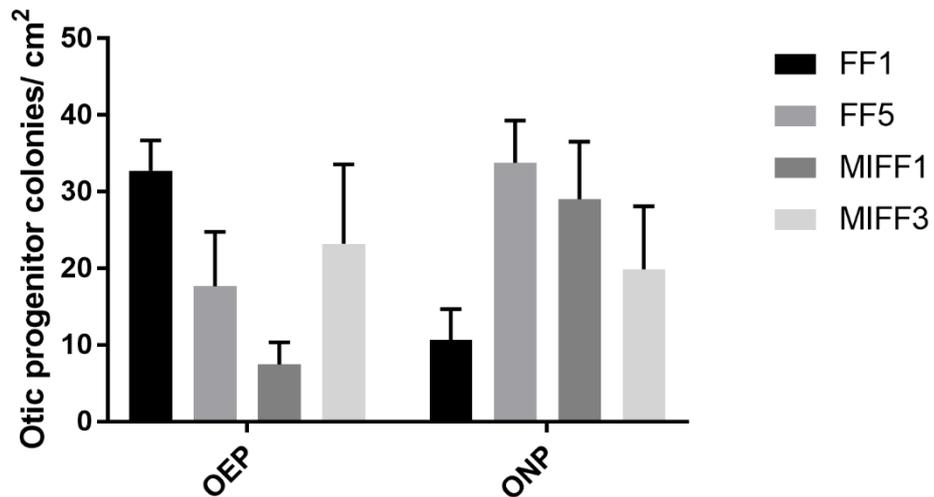
Supplementary figures



Supplementary Figure 1. Pluripotency markers expressed by the lentivirus-induced lines FF1 and FF5. A) Flow cytometry histograms showing, in red, the percentages of cells expressing SSEA3, SSEA4, TRA-1-60 and TRA-1-81. Blue shows the negative, baseline control. B) Expression of *SOX2*, *OCT4* and *NANOG* determined by qPCR on samples from the FF1 and FF5 cell lines, as well as from human fibroblasts. Expression levels are presented as $2^{-\Delta\Delta C_t}$.



Supplementary Figure 2. Bar charts displaying percentages of double positive otic progenitors obtained per each individual line, expressing high levels of SOX2/PAX8; FOXG1/PAX8 and PAX2/PAX8.



Supplementary Figure 3. Bar chart displaying the yields of OEPs and ONPs obtained per individual line.