

SUPPLEMENTARY FIG. S1. (A) Comparison of surface marker pattern between primary hMSC and iMSC#3 by flow cytometry. (B) Detection of senescence in parental primary hMSC and the transduced clones i-MSC#3 and i-MSC#9. Senescence was determined via staining of β -Galactosidase (*blue* color) in hMSC (*left*) at 14 PDs, iMSC#3 (*center*) at 35 PDs and iMSC#9 (*right*) at 32 PDs. hMSC, human mesenchymal stromal cells; PD, population doubling.