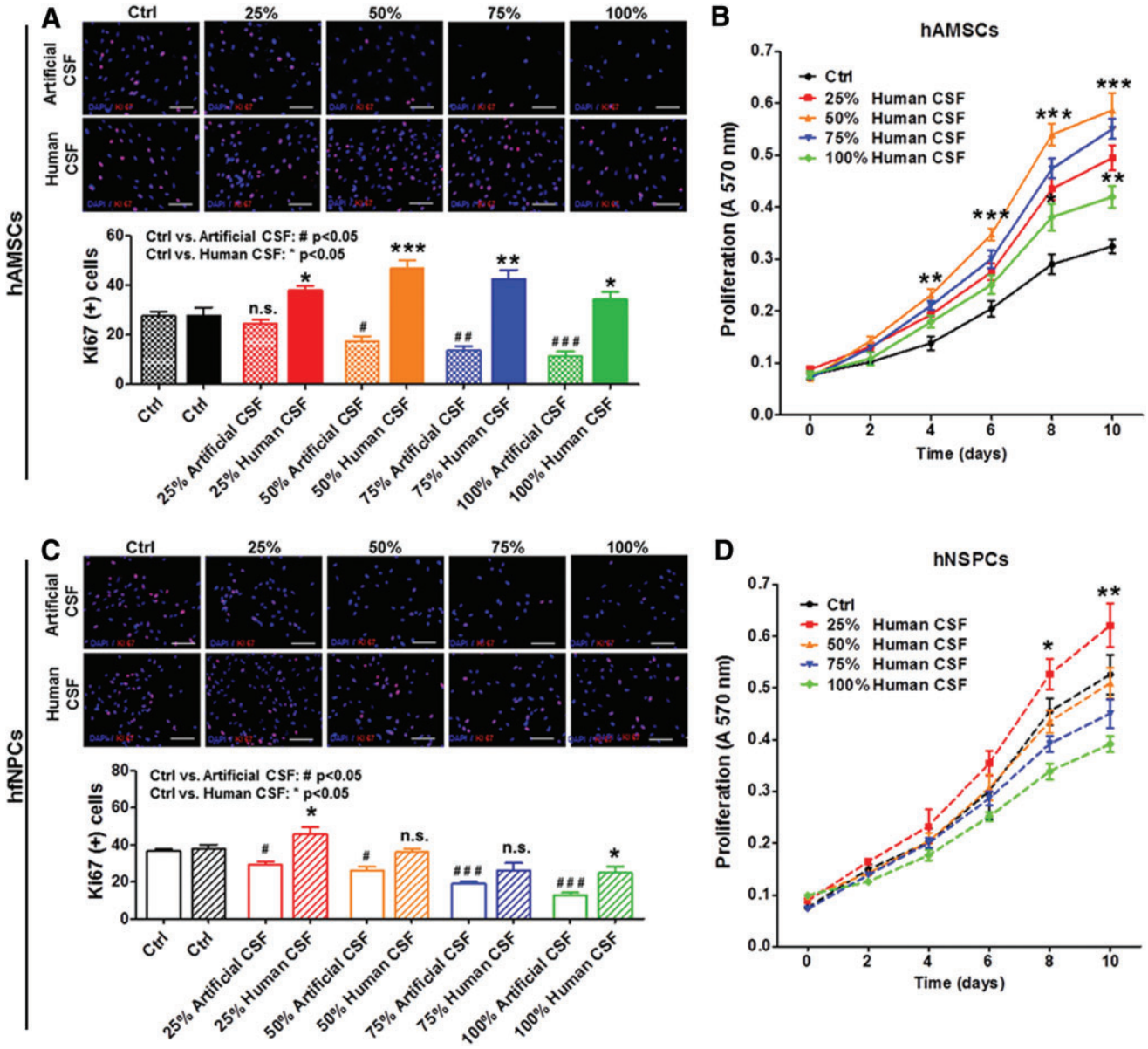

SUPPLEMENTARY FIG. S3. CSF concentration and its effect on proliferation. The various concentrations of H-CSF and A-CSF were tested using hAMSCs and hfNPCs to analyze the effect concentration has on proliferation. **(A, C)** Cells were stained with Ki67 (*red*) and DAPI (*blue*). **(A)** Ki67 staining revealed that hAMSCs cultured in 50% human CSF and complete media for 3 days exhibited the greatest amount of proliferation when compared with the control group. **(B)** These results were also confirmed by performing an MTT assay in which 50% human CSF with complete media exhibited the greatest rate of proliferation at days 4, 6, 8, and 10. **(C)** The hfNPCs exhibited the greatest change in proliferation in 25% human CSF and complete media after 3 days in incubation as confirmed by Ki67 staining. **(D)** The MTT assay also indicated that 25% human CSF displayed the greatest increase in proliferation at days 6, 8, and 10. Scale bars = 100 μm **(A, C)**. $*P < 0.05$, $**P < 0.01$, $***P < 0.001$.