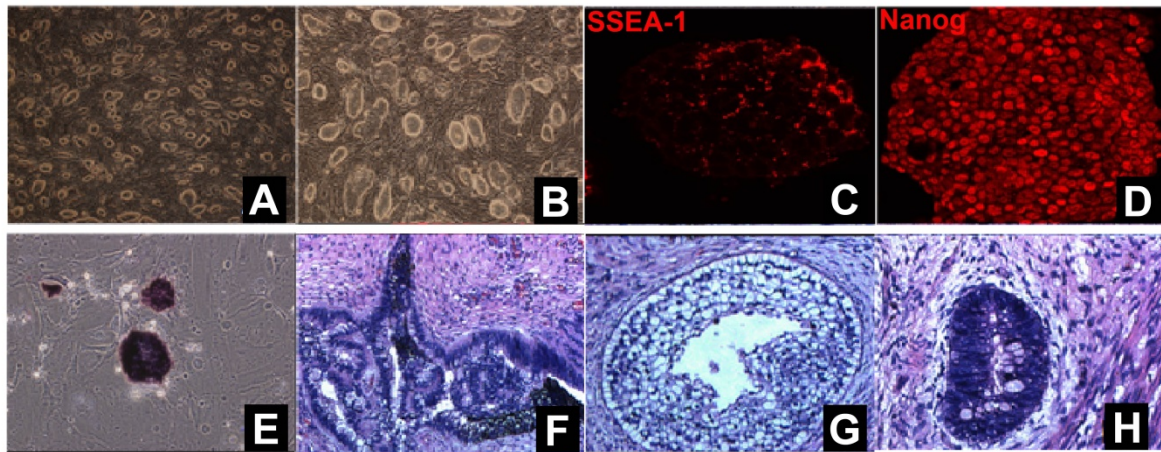
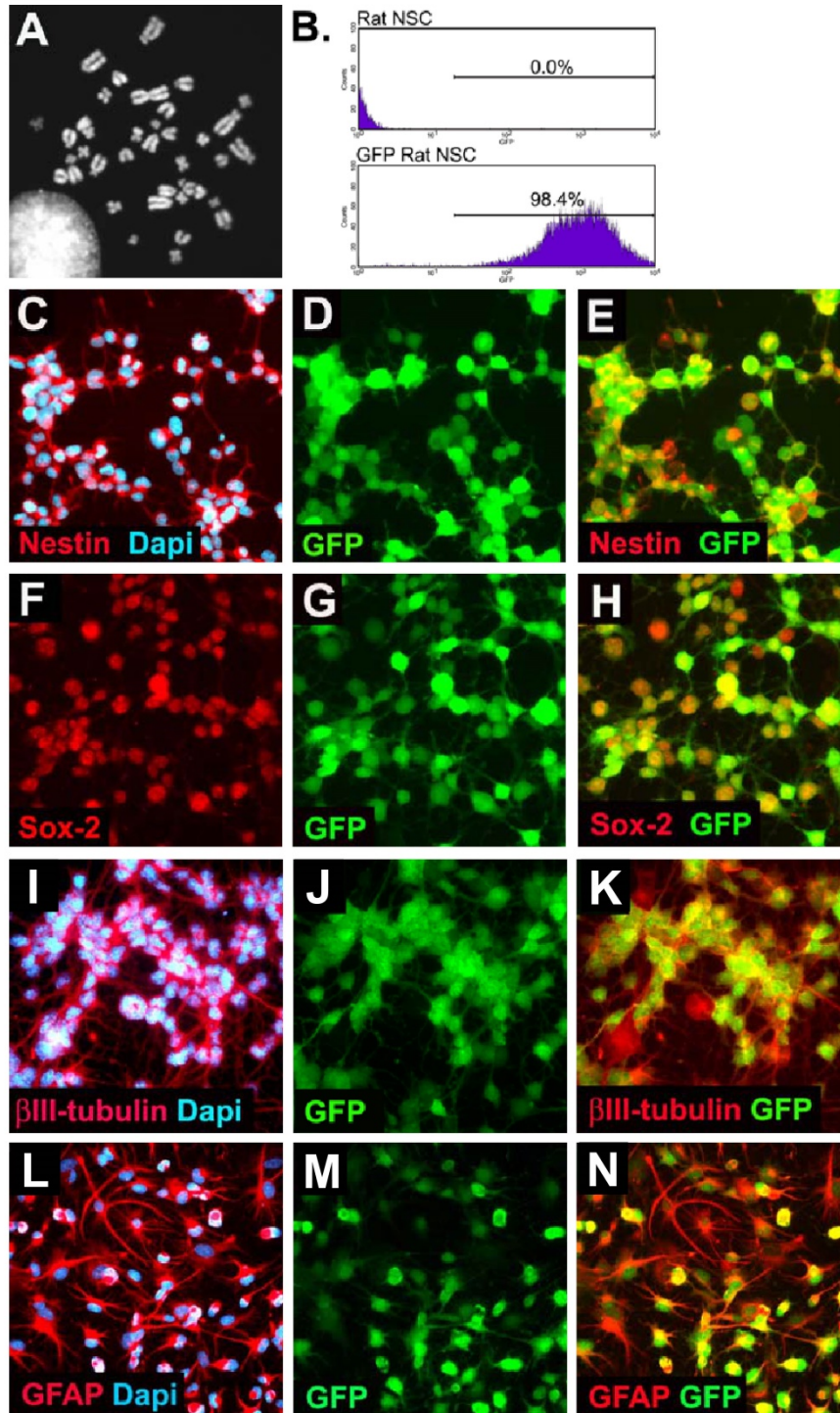


## Supplementary Materials



**Fig. S1** Characterization of constitutive GFP reporter induced pluripotent stem cells. iPSCs had normal morphology (A, B) and express the markers of stem cell, SSEA-1 (C) and Nanog (D). iPSCs colonies were positive for alkaline phosphate stain (E, red). F, G, and H showed that iPSCs can differentiate into all cell types derived from the endoderm, mesoderm, and ectoderm *in vivo*, respectively.



**Fig. S2** Characterization of constitutive GFP reporter neural stem cells. NSCs have a normal karyotype (A) and constitutively express GFP (B, D, G) along with NSC markers, Nestin (C, E) and Sox-2 (F, H). Nuclei of the cells were visualized with DAPI (blue). The Sox-2 transcription factor is co-localized with the GFP staining in the nucleus. NSCs can differentiate into neurons ( $\beta$ III-tubulin, I, K, red) and astrocytes (GFAP, L, N, red). Majority of cells are GFP-positive (B, D, G, J, M).