

Figure 7. Knockdown of HMGN family proteins reduces differentiation of NPCs into astrocyte induced by CNTF *in vitro*.

(A, B): E11.5 NPCs were infected with control (sh-Luc) or HMGN1, 2 or 3 shRNA viruses. sh-HMGN1, 2 and 3 are retroviruses expressing shRNAs for HMGN1, 2 and 3, and sh-Luc expresses shRNA for luciferase. The infected cells were cultured without (Mock) and with CNTF for 6 days, and the cells were stained with TuJ1, GFAP and GFP antibodies. The percentages of marker⁺ cells among total GFP⁺ cells are quantified. All values represent the mean \pm SD from three separate experiments. *, $P < 0.01$ compared with mock-treated culture; #, $P < 0.01$ compared with control virus-infected culture.



