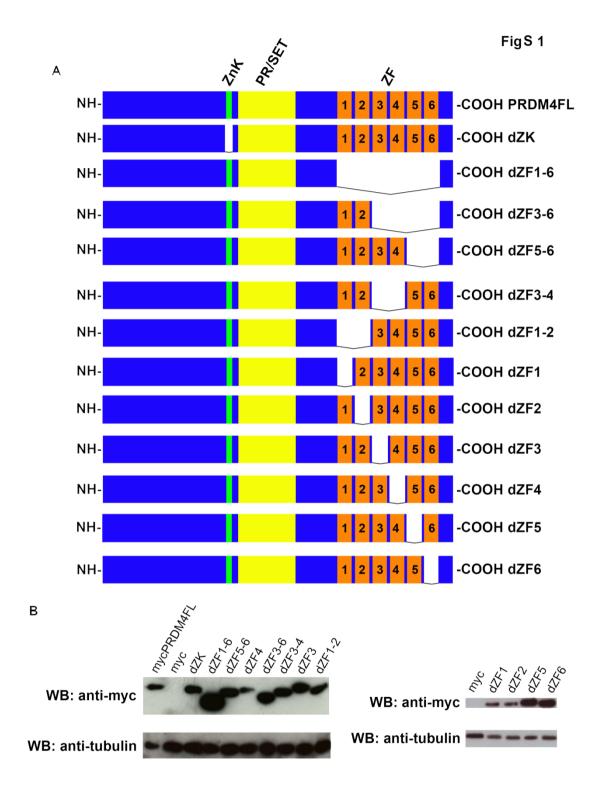


## **Fig S1. Schematic representation of the deletion constructs of PRDM4 protein used in this work.** A) Full length PRDM4 is shown with ZK (green), PR/SET domain (yellow) and ZFs (orange). Different deletion mutants are shown below. B) Western blot analysis of the

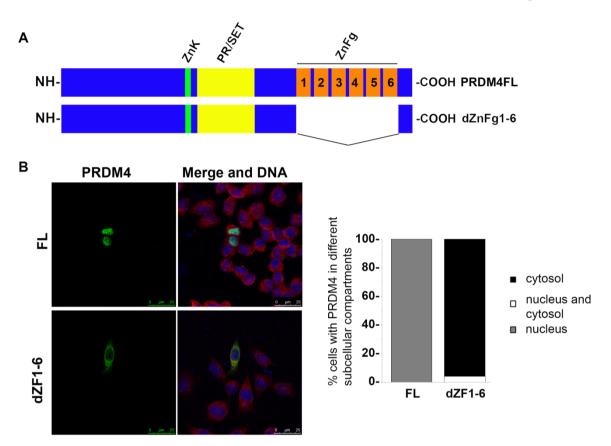
expressed proteins tagged with Myc-tag and probed with anti-Myc-tag antibody (top panels).

Sample loading was analysed by probing the same blots with anti-tubulin antibody (bottom

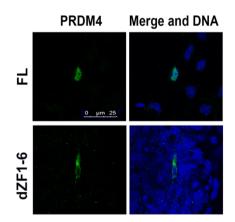
panels).



**Fig. S2. Full length PRDM4 and dZF1-6 deletion mutant are localised predominantly in the nucleus and the cytosol, respectively.** A) Schematic representation of the constructs driving the expression of PRDM4FL and dZF1-6 is shown. B) Immunocytochemical analysis of PRDM4FL and dZF1-6 localisation in PC12 cells and the quantification of the protein found in different subcellular compartments. C) Immunocytochemical analysis of PRDM4FL and dZF1-6 localisation in primary mouse NSCs. Data are from one of at least three independent experiments performed in triplicate each. PRDM4 (green), actin (red), DNA (blue).



С



FigS2