



SUPPLEMENTARY FIGURE S1

Supplementary Figure S1. Nampt is expressed in a subpopulation of SGZ NSPCs.

A-C, H-I) Representative images of immunofluorescence for Dapi (blue), Nampt (red), and cell type specific markers (NeuN: mature neurons, S100 β : mature astrocytes, Ki67: proliferating cells, Olig2: oligodendrocyte lineage cells; green) in the subgranular zone (SGZ). Dotted lines denote the SGZ. Single arrowheads indicate examples of colocalization. Double arrowheads indicate examples of non-colocalization. Scale bars denote 10 μ m. **B)** Zoom of boxed region shown in **A)**. **D)** A scheme for the specificity of the markers assessed. **E)** Percentage of Dapi+ cells that express the neuronal marker NeuN in the SGZ (n=5). **F)** Percentage of Dapi+ cells that express the NSPC marker Sox2 in the SGZ (n=5). **G)** Quantification of the percentages of marker-positive cells that also express Nampt in the SGZ (Ki67: n=304 cells from 13 mice; Olig2: n=122 cells from 10 mice). Data are presented as mean \pm s.e.m. *P < 0.05. ***P < 0.001.