a

DAPI DCX

STMN1 — P0

STMN2 — P0

b

PSA-NCAM DAPI

STMN1 — Y4

STMN2 — Y4

STMN1⁻NCAM⁺
STMN1⁺NCAM⁺
STMN1⁺NCAM⁻

STMN2⁻NCAM⁺
STMN2⁺NCAM⁺
STMN2⁺NCAM⁻

c DAPI STMN1 SOX2

d DAPI STMN2 SOX2

e DAPI STMN1 Neurod1

f DAPI STMN2 Neurod1

g

Percentage of cells⁺

Sox2⁺
Neurod1⁺
CALB2⁺
NeuN⁺

STMN1   STMN2

Fig. S6 STMN1 and STMN2 are markers for immature granule cells, related to Fig. 3

a Expression of STMN1 (upper panel) and STMN2 (lower panel) with DCX in the DG of the hippocampi in P0 macaque brains.

b Colocalization analysis of STMN1 (upper panel) and STMN2 (lower panel) with PSA-NCAM showing that more than 80% of cells were double positive.

c, d Colocalization analysis of STMN1 (c) and STMN2 (d) with SOX2. The dashed circles show SOX2-negative signals.

e, f Colocalization analysis of STMN1 (e) and STMN2 (f) with NeuroD1.

The dashed circles show NeuroD1-negative signals. Scale bar in white: 500 μm, scale bar in yellow: 50 μm.

g Quantification analysis of STMN1 and STMN2 with SOX2, NeuroD1, CALB2, and NeuN.