Figure S2. Meteorin Is Expressed in the Astroglial Lineage But Not in the Oligodendroglial Lineage (2)

Coronal sections of mouse telencephalon at E14.5 (A–H) or E12.5 (I and J) were subjected to in situ hybridization with probes specific for Meteorin (A, B and I), GLAST (C and D), Olig2 (E and F), PDGFR-alpha (G and H), or plp (J) mRNAs. Panels (B, D, F, and H) are higher magnification views of (A, C, E, and G) respectively.

(A-H) Cortex and ganglionic eminence (GE) at E14.5. Meteorin expression is detected in the ventricular zone (VZ) of cortex and GE. This expression overlaps with that of GLAST, and with Olig2 in GE. PDGFRa expression is not detected in the VZ. Although many PDGFRa- or Olig2- expressing cells are found in the SVZ of the GE [arrowheads in (F) and (H)], they do not express Meteorin (B). Scale bar [shown in (A)]: 400 μm (A, C, E, and G), or 160 μm (B, D, F, and H).

(I and J) Prospective amygdala at E12.5. It should be noted that plp-expressing cells do not express Meteorin. Scale bar: 200 μm.