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CORRECTION

Correction to: Glycosylation of dentin matrix protein 1 is a novel key element for astrocyte maturation and BBB integrity

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In the original publication, the label of Fig. 2C should be read as “GFAP/lectin/DAPI” not “DMP1/GFAP/lectin/DAPI”.

The original article can be found online at https://doi.org/10.1007/s13238-017-0449-8.

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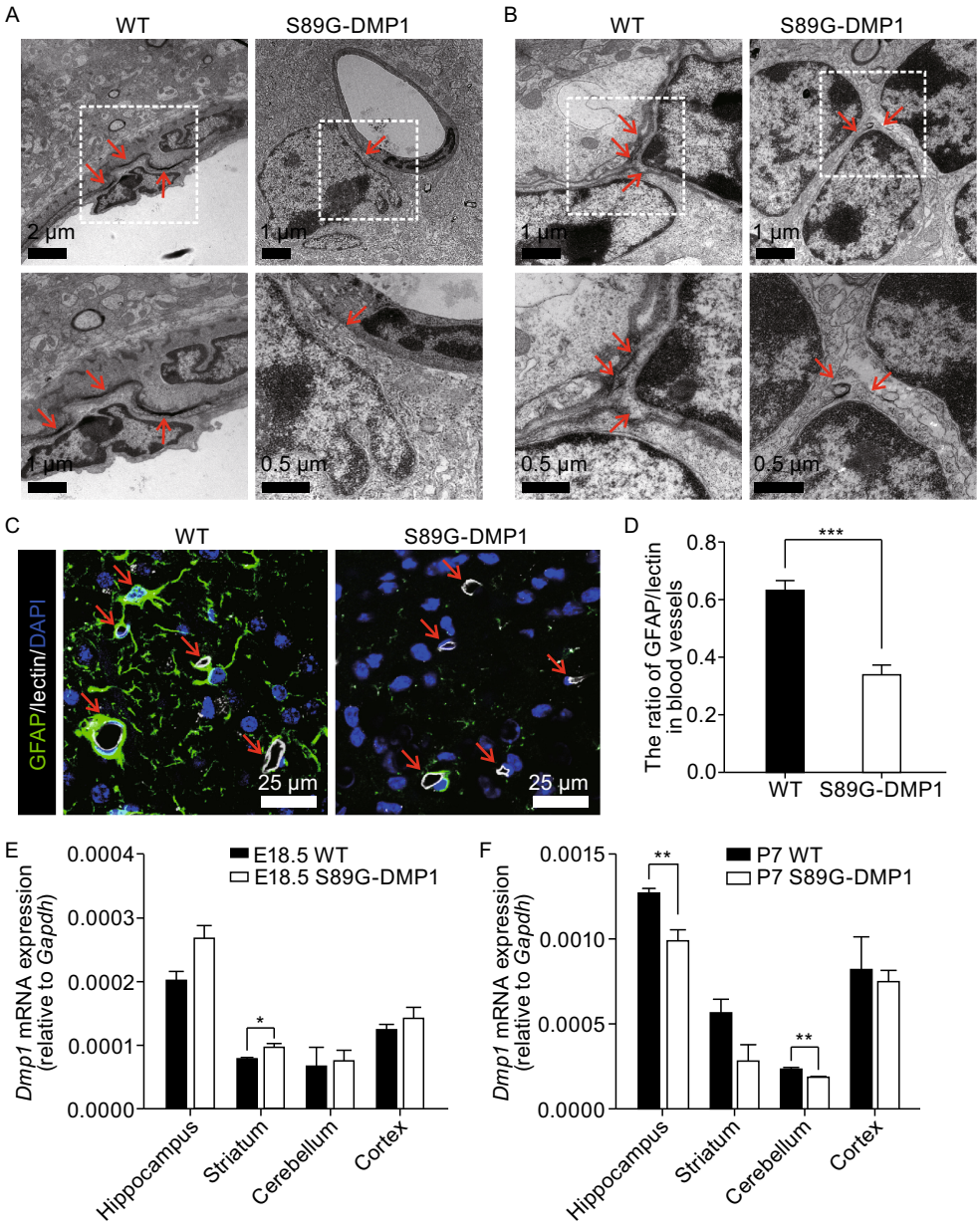


Figure 2. S89G-DMP1 inhibits astrocytes to locate to and wrap around blood vessels. (A) Transmission electron microscopeshowed loosened cell adhesion between astrocytes and vascular endothelial cells in the retrosplenial granular cortex (RSG) of S89G-DMP1 mice; and between astrocytes themselves (B); (C) Representative images of GFAP/lectin in the RSG, indicative of attenuated targeting of astrocytes to blood vessels in S89G mice; (D) Quantification plot for (C). ***, $P < 0.001$. At least 23 random captures from7 mice per genotype were quantified. (E) Dmp1 mRNA decreased in different brain regions at embryonic Day 18.5 ($P \leq 0.05$ vs. WT) and (F) at postnatal Day 7 ($P \leq 0.01$ vs. WT). n = 3–4 mice per genotype.

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