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Corrigendum: PlexinD1 signaling controls domain-specific dendritic development in newborn neurons in the postnatal olfactory bulb

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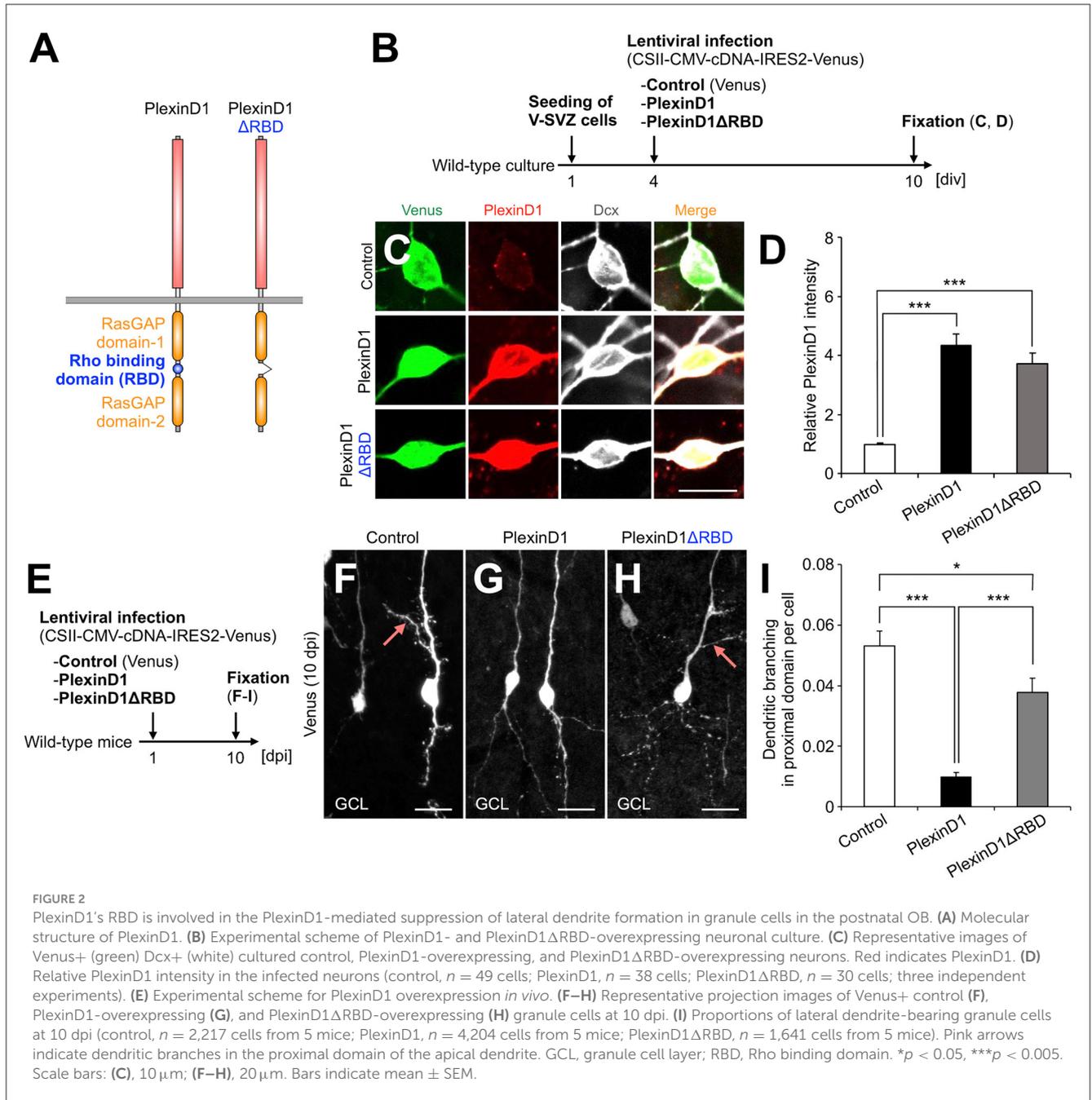
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In the published article, there was an error in [Figures 2 and 3](#) as published. In [Figures 2E and 3F](#), “Wilt-type” is a typographical error of “Wild-type”. The corrected [Figures 2 and 3](#) appear below.

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

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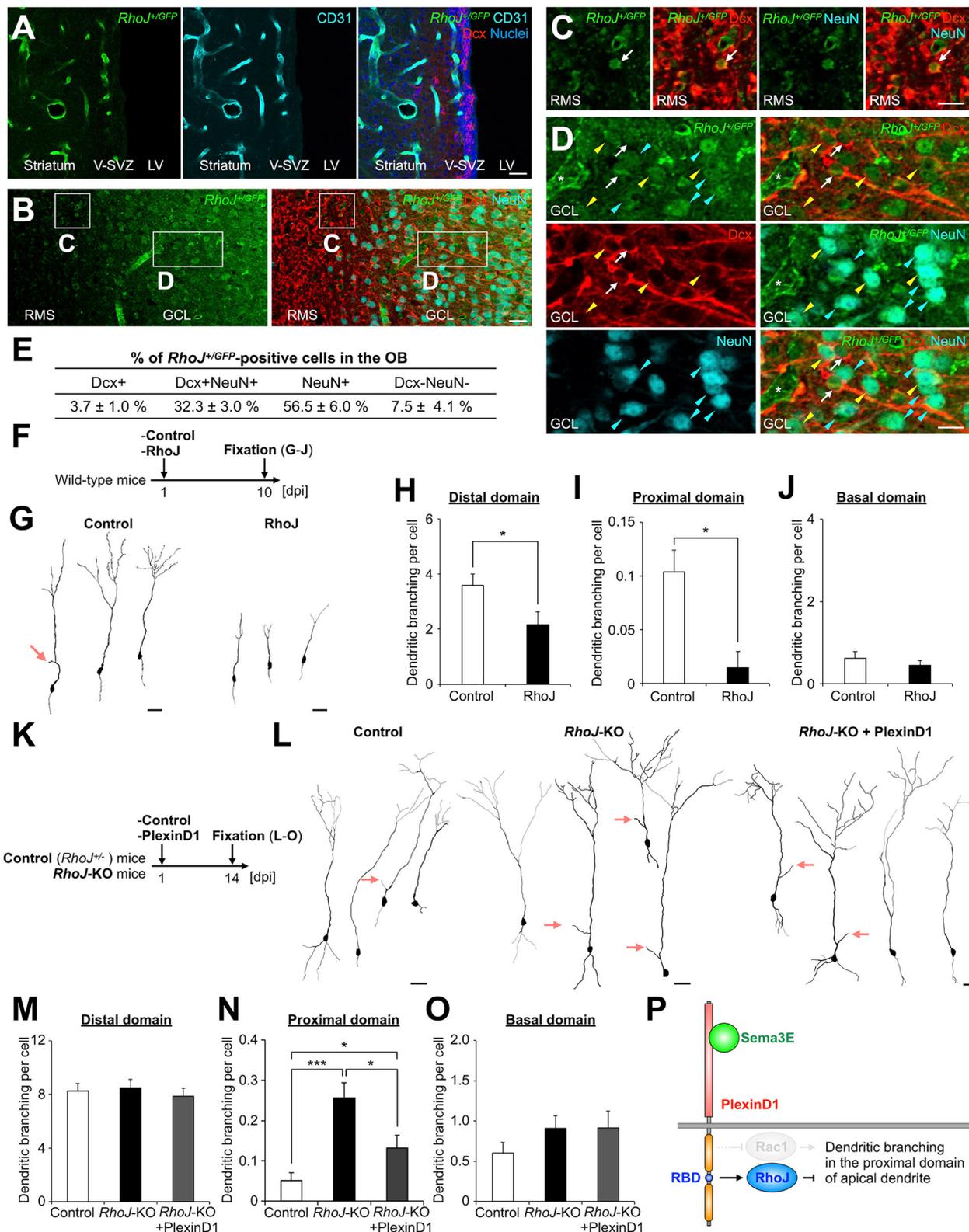


FIGURE 3
 RhoJ is expressed in migrating and differentiating granule cells in the postnatal OB and involved in the suppression of their dendritic branching in the proximal domain of the apical dendrite. (A) Representative images of the coronal V-SVZ sections in *RhoJ^{+/GFP}* mice stained for GFP (green), Dcx (red), and CD31 (cyan). Nuclei were stained with Hoechst 33342 (Blue). (B–D) Representative images of the coronal OB sections in *RhoJ^{+/GFP}* mice stained for GFP (green), Dcx (red), and NeuN (cyan). Boxed area in (B) was enlarged in (C) and (D). White arrows, yellow arrowheads, and cyan arrowheads (C) and (D) indicate GFP + Dcx + NeuN-, GFP + Dcx + NeuN+, and GFP + Dcx-NeuN+ granule cells, respectively. (E) Proportions of *RhoJ^{+/GFP}*-positive cells in the OB (*n* = 3 mice; 144 cells analyzed). (F) Experimental scheme for RhoJ overexpression experiment. (G) Representative dendritic tracings (Continued)

FIGURE 3 (Continued)

of control ($n = 32$ cells from 4 mice) and RhoJ-overexpressing ($n = 36$ cells from 8 mice) granule cells at 10 day-post injection (dpi). **(H–J)** Dendritic branch numbers of distal [**(H)**; control, $n = 32$ cells from 4 mice; RhoJ, $n = 36$ cells from 8 mice], proximal [**(I)**; control, $n = 231$ cells from 4 mice; RhoJ, $n = 67$ cells from 8 mice], and basal [**(J)**; control, $n = 32$ cells from 4 mice; RhoJ, $n = 36$ cells from 8 mice] domains in control and RhoJ-overexpressing granule cells at 10 dpi. **(K)** Experimental scheme for RhoJ loss-of-function experiment. **(L)** Representative dendritic tracings of control ($n = 43$ cells from 3 mice), *RhoJ*-KO ($n = 47$ cells from 3 mice), and PlexinD1-overexpressing *RhoJ*-KO ($n = 24$ cells from 4 mice) granule cells at 14 dpi. **(M–O)** Dendritic branch numbers of distal [**(M)**; control, $n = 43$ cells from 3 mice; *RhoJ*-KO, $n = 47$ cells from 3 mice; *RhoJ*-KO + PlexinD1, $n = 24$ cells from 4 mice], proximal [**(N)**; control, $n = 137$ cells from 3 mice; *RhoJ*-KO, $n = 140$ cells from 3 mice; *RhoJ*-KO + PlexinD1, $n = 128$ cells from 4 mice], and basal [**(O)**; control, $n = 43$ cells from 3 mice; *RhoJ*-KO, $n = 47$ cells from 3 mice; *RhoJ*-KO + PlexinD1, $n = 24$ cells from 4 mice] domains in control, *RhoJ*-KO, and PlexinD1-overexpressing *RhoJ*-KO granule cells at 14 dpi. **(P)** Mechanism of dendritic branching in the proximal domain of the apical dendrite in granule cells in the postnatal OB. Pink arrows indicate dendritic branches in the proximal domain of the apical dendrite. V-SVZ, ventricular-subventricular zone; LV, lateral ventricle; RMS, rostral migratory stream; GCL, granule cell layer. * $p < 0.05$, *** $p < 0.005$. Scale bars: **(A), (B), (G), (L)**, 20 μm ; **(C), (D)**, 10 μm . Bars indicate mean \pm SEM.