

**Supplemental Information for the following manuscript:**

**Title:** Multiple intrinsic factors act in concert with Lhx2 to direct retinal gliogenesis

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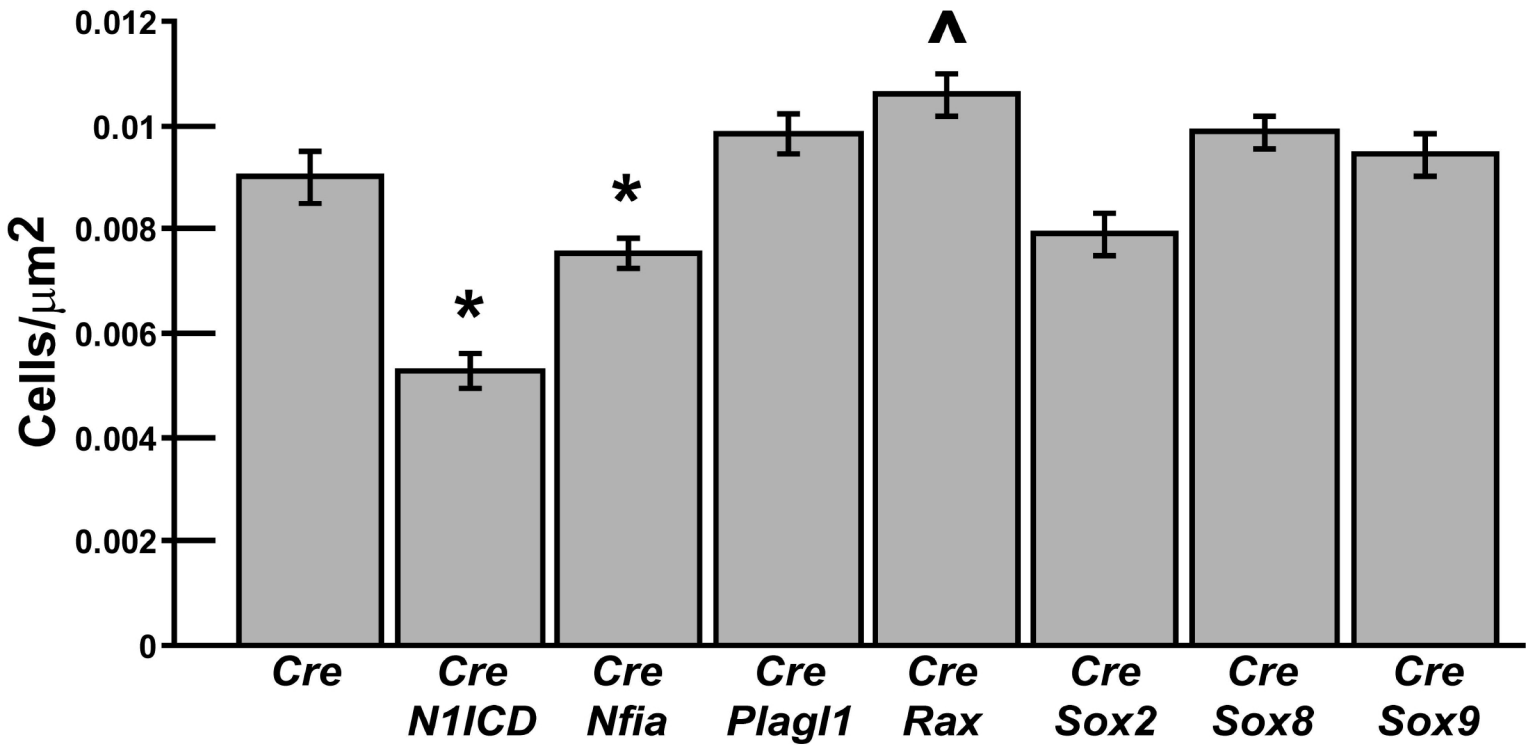
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**Supplemental Table 1:** Total cells counted for each gene and genetic background analyzed.

<b>Gene</b>	<b>Wildtype</b>			<b><i>Lhx2</i>-deficient</b>		
	<b>Radial-AC</b>	<b>P27<sup>Kip1</sup></b>	<b>GLUL</b>	<b>Radial-AC</b>	<b>P27<sup>Kip1</sup></b>	<b>GLUL</b>
<i>Cre</i>	6064	2189	2456	4846	2022	1896
<i>NIICD</i>	3290	1569	1410	3187	1530	1293
<i>Nfia</i>	4499	2190	2258	4295	2535	2591
<i>Rax</i>	5937	2867	2912	4244	3222	2885
<i>Plagl1</i>	6820	2879	2893	4286	2367	2511
<i>Sox2</i>	4766	2226	2393	5738	2634	2574
<i>Sox8</i>	5947	2807	2971	6923	3672	3465
<i>Sox9</i>	5617	2949	2642	5805	2888	2845

The total number of electroporated GFP labeled cells counted for each condition

represents the sum of counts from 6 (P27<sup>Kip1</sup> and GLUL counts) or 12 (Radial and AC counts) independent electroporation replicates. AC=amacrine cell.



**Supplemental Figure 1. Quantification of density of electroporated cells/ $\mu\text{m}^2$  in *Lhx2*<sup>+/+</sup> mice.** In retinas electroporated with *Cre/GFP*, *Cre/GFP/NIICD*, *Cre/GFP/Nfia*, *Cre/GFP/Plagl1*, *Cre/GFP/Rax*, *Cre/GFP/Sox2*, *Cre/GFP/Sox8*, or *Cre/GFP/Sox9* the cell density of electroporated cells was expressed as the number of GFP labeled cells per  $\mu\text{m}^2$ , where area equals the imaging field taken by the Zeiss Meta 510 LSM confocal microscope at 40X magnification. An asterisk (\*) indicates a significant decrease in density of electroporated cells. A caret (^) indicates a significant increase in the cell density of the electroporated cells.