

S1 Table. Number of Brn3a⁺ RGC, retinal area and cell density in each quadrants of embryonic and post-natal control retina.

Age		Retinal quadrants			
		D-T	D-N	V-N	V-T
E8	Brn3a ⁺ RGCs	376,197±42,555	359,002±36,347	368,912±40,159	362,185±42,115
	Area ¹	25.5±1.6	24.7±0.5	28.2±1.9	29.1±1.5
	Density ²	14,782±1,534	14,575±1,693	13,109±1,419	12,518±1,884
E9	Brn3a ⁺ RGCs	350,266±18735	386,533±38,427	355,580±62,884	362,785±29,582
	Area	27.3±0.7	27.0±1.5	30.4±1.7	27.7±4.9
	Density	12,857±986	14,383±1,866	11,651±1,408	13,244±1,275
E10	Brn3a ⁺ RGCs	417,678±85,864	406,397±26,617	312,096±55,821	397,804±61,031
	Area	30.1±6.2	29.5±2.1	23.5±1.6	29.2±5.9
	Density	13,886±276	13,838±1,387	13,253±2,093	13,765±1,507
E12	Brn3a ⁺ RGCs	458,304±63,954	477,170±65,788	458,208±133,176	396,694±59,411
	Area	40.0±1.2	37.7±2.8	43.8±4.9	36.5±2.0
	Density	11,426±1,301	12,011±2,797	10,466±2,725	10,956±2,240
E14	Brn3a ⁺ RGCs	516,752±42,261	484,145±87,665	410,584±85,226	406,314±75,235
	Area	49.7±5.7	51.3±1.3	40.5±5.6	43.8±2.3
	Density	10,468±1,200	9,455±1,818	10,079±921	9,240±1,377
E18	Brn3a ⁺ RGCs	520,430±54,965	507,268±81,132	458,708±56,336	397,664±75,354
	Area	46.2±6.3	50.8±6.7	46.8±6.4	44.2±2.5
	Density	11,384±1,547	10,116±2,057	10,054±2,524	8,969±1,454
E20	Brn3a ⁺ RGCs	445,645±25,425	522,656±86,249	405,036±52,241	444,814±75,755
	Area	48.3±0.2	59.3±2.0	40.4±3.8	50.3±6.1
	Density	9,234±560	8,812±1,339	10,112±1,832	9,051±2,629
P4	Brn3a ⁺ RGCs	464,000±35,309	461,607±50,097	495,463±35,862	405,481±39,926
	Area	49.6±0.7	47.9±2.6	55.2±3.5	44.8±5.2
	Density	9,361±850	9,625±685	8,974±400	9,221±2,105
P11	Brn3a ⁺ RGCs	543,942±95,632	502,619±72,362	468,080±13,827	479,357±9,399
	Area	52.6±1.4	55.7±4.3	53.7±5.2	50.2±9.9
	Density	10,329±1,685	9,050±1,434	8,756±614	9,805±1,979

The number of Brn3a⁺RGCs was obtained individually for each quadrant. The mean density (Brn3a⁺RGCs/mm²) was calculated from the total number of Brn3a⁺RGCs and the total retinal area. Numbers are Mean±SD. There were no significant differences between quadrants of each retina in all groups. D-T= Dorso-Temporal; D-N= Dorso-Nasal; V-N= Ventro-Nasal; V-T= Ventro-Temporal.