

Supplementary Table S1. Linear cell density by region in adult zebrafish retina

region	age (mpf)	cell types					
		ganglion cells	basal inner nuclear layer	horizontal cells	rods	UV cones	RGB cones
temporal peripheral	3	40.5±5.3	249.5±57.9	25.7±4.7	61.4±14.2	11.7±3.8	32.6±2.6
	15	24.4±4.9	217.3±45.9	19.2±4.0	84.8±10.9	8.2±2.9	26.9±4.6
	27	16.5±3.3	155.9±67.4	15.9±6.3	65.4±6.7	6.5±3.8	19.8±7
temporal intermediate	3	51.6±12.4	302.4±80.7	32.7±5.6	77.3±19.5	17.3±0.5	57.1±11.5
	15	35.8±6.7	251.9±58.8	25.5±7.8	101.9±15.1	11.5±3.5	29.6±6.9
	27	27.7±10.7	180.9±49.8	20±6.1	74.1±4.4	10.7±3.4	27.9±7.3
central	3	46.7±11.4	284.2±44.9	36±5.3	98.6±17.1	14.7±3.1	56.7±7.5
	15	37.4±9.4	240.2±33.2	31.5±4.8	145.4±29.6	13.5±1.7	40.3±6.9
	27	29.7±10.5	175.1±42.6	23±5.1	99.8±10	11.5±3.2	39.3±8.7
nasal intermediate	3	31.9±11.5	198.3±34.1	24.7±3.2	118.5±19.9	10.2±1.9	34.4±3.7
	15	23.4±8.3	184.4±44.1	22.1±8.4	148.7±32.3	9.9±2.1	24.7±6.6
	27	13.8±2.9	124.5±32.2	14.7±1.6	135.1±23	6.7±0.7	23.8±2.8
nasal peripheral	3	25.4±5.5	190.9±46.7	22.6±3.5	108.9±20.1	9.0±1.7	30.2±4.3
	15	20.3±10.5	181.2±70.0	17.1±6.1	109.0±14.4	7.3±3.4	23.2±5.6
	27	10.7±3.4	107.4±25.7	10.7±2.1	120.5±12.1	5.3±2.8	18±3.2
ventral peripheral	3	48.3±17.1	283.1±65	28.9±6.8	70.2±11.7	10.1±4.7	40±4.1
	15	24.6±8.1	210.1±69.4	19.1±5.0	77.8±26.2	6.2±4.0	28.9±8.0
	27	20.7±8.7	129.7±21.5	15.5±1.1	67.1±14	6.1±0.9	26.7±5
ventral intermediate	3	49.1±8.6	347.3±51.3	35.3±4.3	74.2±10.2	21.3±8	57.4±9.5
	15	36.7±10.9	274.0±68.6	27.6±3.9	104.4±28.1	12.9±2.3	38.9±5.2
	27	25.7±7	182.4±46.9	21.2±4.6	75.4±15.8	10.4±2.8	30.9±5.5
dorsal intermediate	3	36.2±5.5	245.3±44.6	27.6±6.4	129±20.1	12.8±1	39±6.3
	15	20.9±4.0	176.4±37.1	19.5±4.0	164.5±15.2	9.4±1.7	32.3±8.5
	27	21.7±4.4	132.9±23.8	15.6±3.8	133.5±23.2	7.7±1.5	25.4±3.5
dorsal peripheral	3	29.7±7.5	219.7±34.6	22.1±3.1	119.7±17.3	12.8±2.5	32±6.1
	15	18.0±2.8	162.1±27.9	14.6±3.0	146.9±20.0	6.6±1.9	24.7±3.9
	27	9.7±4	110.1±18.6	10.9±2.9	126.4±12	4.9±2.1	21.3±1.7

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Nuclear counts (# per 200 μm linear segment) in retinal sections. Means ± 1 s.d., n=5, for six retinal cell categories in nine local regions at 3, 15, and 27 mpf.