

Supplementary Table 3 – Two-way ANOVA with Tukey’s multiple Comparison Test for H3K4me2 protein levels in the retina over time

Tukey's multiple comparisons test for H3K4me2 protein levels	Adjusted P Value	Significant?	Summary	Mean Diff.	95.00% CI of diff.
P2 vs. P7	0.9888	No	ns	0.01735	-0.1121 to 0.1468
P2 vs. P14	0.0035	Yes	**	0.2085	0.07906 to 0.3379
P2 vs. P21	0.0026	Yes	**	0.2181	0.08865 to 0.3475
P2 vs. P36	0.0014	Yes	**	0.2404	0.1110 to 0.3698
P7 vs. P14	0.006	Yes	**	0.1911	0.06171 to 0.3206
P7 vs. P21	0.0044	Yes	**	0.2007	0.07131 to 0.3302
P7 vs. P36	0.0023	Yes	**	0.2231	0.09363 to 0.3525
P14 vs. P21	0.9988	No	ns	0.009597	-0.1198 to 0.1390
P14 vs. P36	0.9065	No	ns	0.03192	-0.09752 to 0.1614
P21 vs. P36	0.9719	No	ns	0.02232	-0.1071 to 0.1518

* represents p value <0.05; ** represents p value <0.01; *** represents p value <0.001