



Article

# Analysis of mir-9 expression pattern in rat retina during postnatal development

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Table S1. Multiple comparison of miR-9 expression in different time points analyzed by ordinary one-way ANOVA with Tukey's post-hoc test. Upper part represents data obtained from RT-qPCR, while lower section shows miRNA-sequencing data. (\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$ )

|           | P1  | P3             | P5             | P7            | P10           | P15         | P21            |
|-----------|-----|----------------|----------------|---------------|---------------|-------------|----------------|
| RT-qPCR   | P1  | ***<br><0.0001 | ns             | ns            | *<br>0.0274   | ns          | ns             |
|           | P3  |                | ***<br><0.0001 | ***<br>0.0003 | ns            | *<br>0.0145 | ***<br><0.0001 |
|           | P5  |                |                | ns            | ns            | ns          | ns             |
|           | P7  |                |                |               | ns            | ns          | ns             |
|           | P10 |                |                |               |               | ns          | **<br>0.0072   |
|           | P15 |                |                |               |               |             | ns             |
|           | P1  | P3             | P5             | P7            | P10           | P15         | P21            |
| miRNA-Seq | P1  | ns             | ns             | ns            | *<br>0.0143   | ns          | ns             |
|           | P3  |                | ns             | ns            | **<br>0.0061  | ns          | ns             |
|           | P5  |                |                | ns            | ***<br>0.0005 | ns          | ns             |
|           | P7  |                |                |               | ***<br>0.0002 | *<br>0.0219 | ns             |
|           | P10 |                |                |               |               | *<br>0.0194 | ***<br>0.0006  |



Table S2. Multiple comparison of OneCut2 mRNA expression in different time points analyzed by ordinary one-way ANOVA with Tukey's post-hoc test. (\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$ )

|     | P1 | P3 | P5 | P7 | P10 | P15 | P21    |
|-----|----|----|----|----|-----|-----|--------|
| P1  |    | ns | ns | *  | **  | *** | ***    |
| P3  |    |    | ns | ns | *   | **  | ***    |
| P5  |    |    |    | ns | ns  | ns  | 0.0008 |
| P7  |    |    |    |    | ns  | ns  | *      |
| P10 |    |    |    |    |     | ns  | 0.0297 |
| P15 |    |    |    |    |     |     | ns     |



Table S3. Multiple comparison of synaptotagmin-17 mRNA expression in different time points analyzed by ordinary one-way ANOVA with Tukey's post-hoc test. (\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$ )

|     | P1 | P3 | P5 | P7 | P10 | P15 | P21   |
|-----|----|----|----|----|-----|-----|-------|
| P1  |    | ns | ns | ns | ns  | ns  | *     |
| P3  |    |    | ns | ns | ns  | ns  | 0.026 |
| P5  |    |    |    | ns | ns  | ns  | ns    |
| P7  |    |    |    |    | ns  | ns  | ns    |
| P10 |    |    |    |    |     | ns  | ns    |
| P15 |    |    |    |    |     |     | *     |
|     |    |    |    |    |     |     | 0.031 |