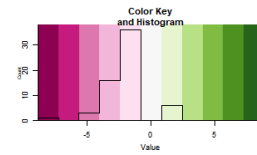
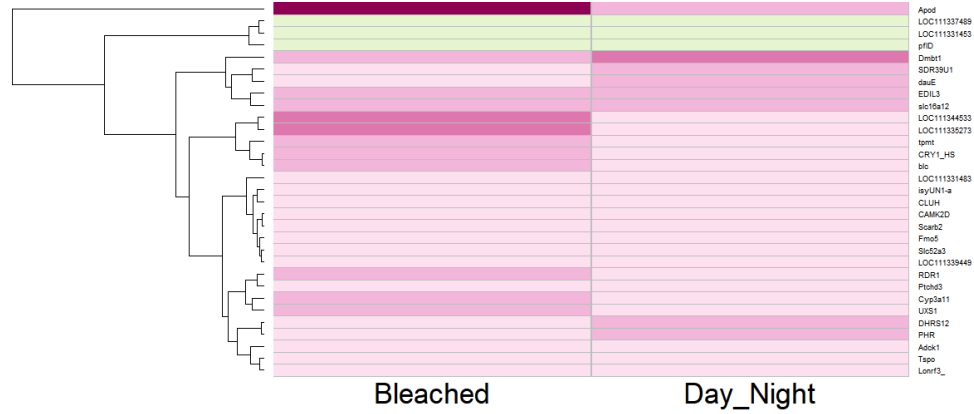


[illegible]

Common differentially expressed genes  
between  
Day/Night and Bleached transcriptomes



Differentially expressed genes associated with telomere interactome

| Gene       | log2(FoldChange) |
|------------|------------------|
| Gnm1       | 2.691            |
| Trpc5      | 2.113            |
| Ddx21      | -1.408           |
| Plk1       | -2.101           |
| Pot2       | -2.107           |
| Mapk6      | -2.33            |
| Plat       | -3.115           |
| Profilin-2 | -5.813           |
| Cenpf      | -6.465           |

Bar chart showing the log2 fold change of 18 reference genes across three datasets: Apod, CENPF, and RNaseq. The y-axis represents log2(FoldChange) from -10 to 5. The x-axis lists the reference genes: Apod, CENPF, Profilin2, MAPK6, POT2, Plk1, Ddx21, Trpc5, Gnm1, and PXDN. For each gene, three bars are shown: POT1 (purple), Trpc2 (pink), and RNaseq (red). Significance levels are indicated by asterisks above the bars.

| Reference Gene | POT1      | Trpc2     | RNaseq     |
|----------------|-----------|-----------|------------|
| Apod           | -2.0 (**) | -2.0 (**) | -8.5       |
| CENPF          | -2.0 (**) | -2.0 (**) | -6.5 (***) |
| Profilin2      | -1.0      | -1.0      | -5.5 (***) |
| MAPK6          | -0.5      | -0.5      | -2.5 (***) |
| POT2           | -1.5      | -1.0      | -2.0 (**)  |
| Plk1           | -0.5 (*)  | -0.2      | -2.0 (*)   |
| Ddx21          | -0.5 (*)  | -0.5      | -1.5 (*)   |
| Trpc5          | 1.2 (**)  | 1.2 (***) | 2.2 (***)  |
| Gnm1           | 1.5 (***) | 1.8 (***) | 2.8 (***)  |
| PXDN           | 1.5 (**)  | 1.8 (***) | 4.8 (***)  |