

Supplementary figure S3

Cellular Oncology

Inhibition of high level *E2F* in a *RB1* proficient *MYCN* overexpressing retinoblastoma model normalizes neoplastic behaviour

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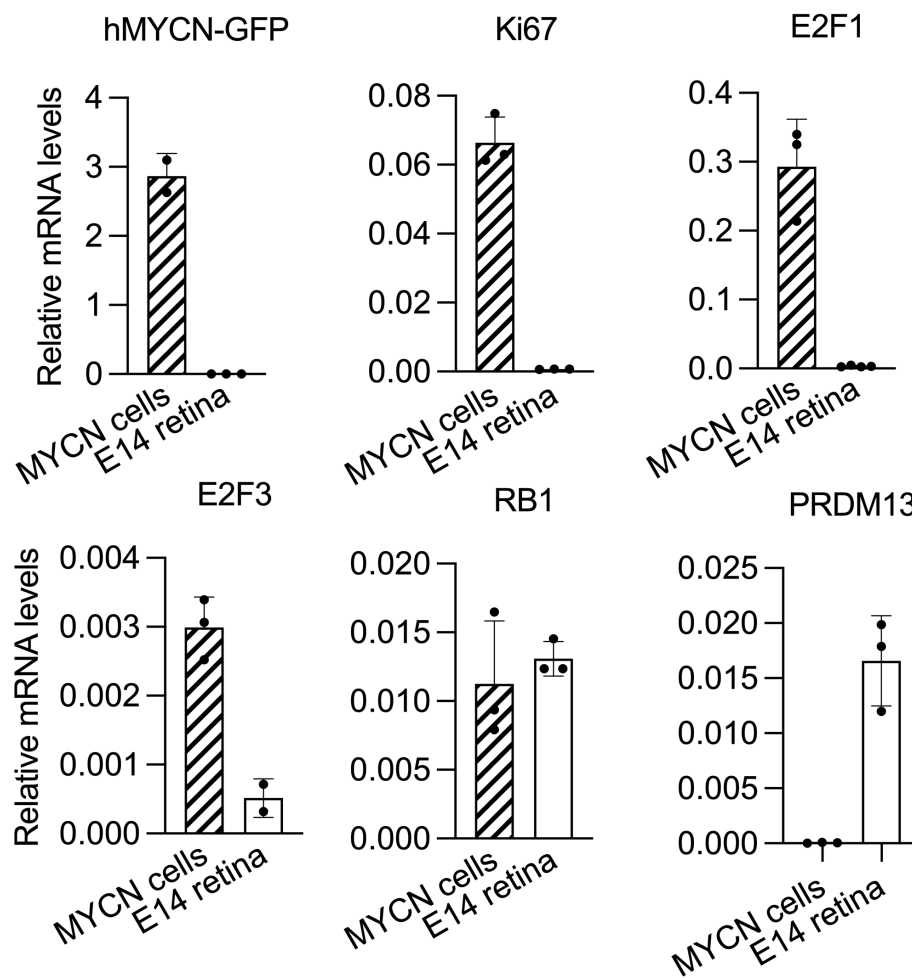
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Fig. S3. Relative mRNA levels and normalized counts of hMYCN-GFP, MKI67, E2F1, E2F3, RB1 and PRDM13.

To verify the RNA sequencing analyses we performed qRT-PCR analysis of one sample of the “young” MYCN cells (DMC8) and E14 retina. The result was compared to that of the RNA seq. analysis. The qRT-PCR result for each gene was normalized to the average level of three house-keeping genes: b-actin, GAPDH and TBP. **(A)** Bar graphs showing mRNA levels relative to the average house-keeping gene level. Mean \pm SD of the technical replicates of one analysed sample, n=1. **(B)** Bar graphs showing the mean normalized counts from three samples of “young” MYCN cells (DMC8) vs E14 retina. Mean \pm SD, n=3.

A



B

