Figure S1. Western blot analysis of Rb across independent biological replicates. Western blot analysis of Rb expression and phosphorylation status in MDA-MB-231 and MB231/PalR cells (left panels). Immunoblots from three independent biological experiments are shown (experiments #1-3). GAPDH was used as a loading control. Densitometric analysis of Rb/GAPDH, p-Rb/GAPDH and p-Rb/Rb are presented (right graphs). Each dot represents the mean value obtained from an independent experiment (n=3/group). p-, phosphorylated; Rb, retinoblastoma.

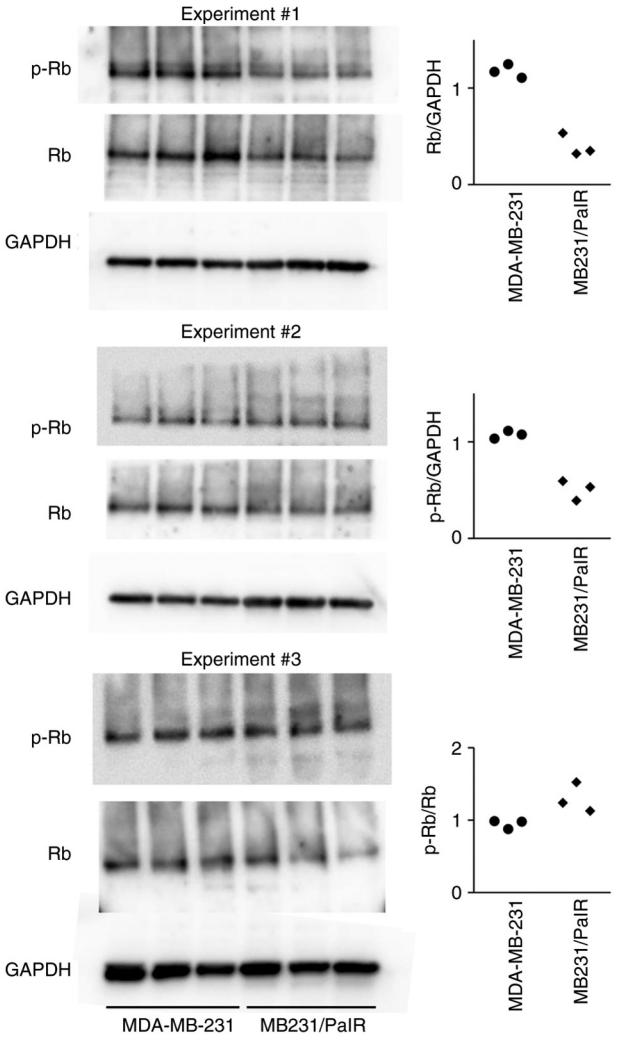

Figure S2. Effect of MG-132 on Rb protein expression. MDA-MB-231 and MB231/PalR cells were treated with MG-132 (0.25 μM) for 6 h in the absence of palbociclib. Rb expression was evaluated by western blotting. Immunoblots from four independent biological experiments are shown (experiments #1-4). GAPDH was used as a loading control. Densitometric analysis of Rb/GAPDH is presented (right graph). Each dot represents the mean value obtained from an independent experiment (n=3/group). Rb, retinoblastoma.

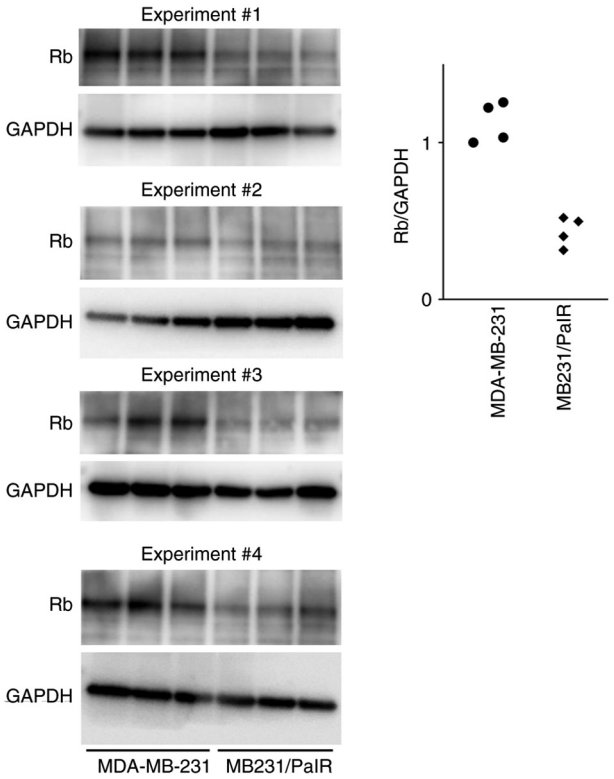

Figure S3. Western blot analysis of cyclin E1 across independent biological replicates. Western blot analysis of cyclin E1 expression in both cell lines (left panels). Immunoblots from three independent biological experiments are shown (experiments #1-3). GAPDH was used as a loading control. Densitometric analysis of cyclin E1/GAPDH is presented (right graph). Each dot represents the mean value obtained from an independent experiment (n=3/group).

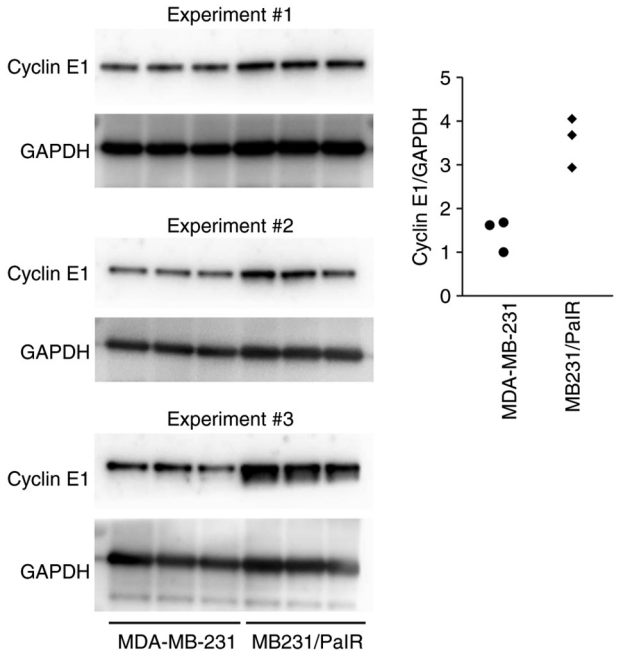

Figure S4. Effect of verapamil on palbociclib sensitivity. The IC_{50} values for palbociclib were determined in MDA-MB-231 and MB231/PalR cells in the presence (+) or absence (-) of the P-glycoprotein inhibitor verapamil (10 μM). Each dot point represents an independent experiment (n=4/group). **P<0.01 (two-way ANOVA followed by Tukey's post hoc test.); n.s., not significant. IC_{50}, 50% growth inhibitory concentration.