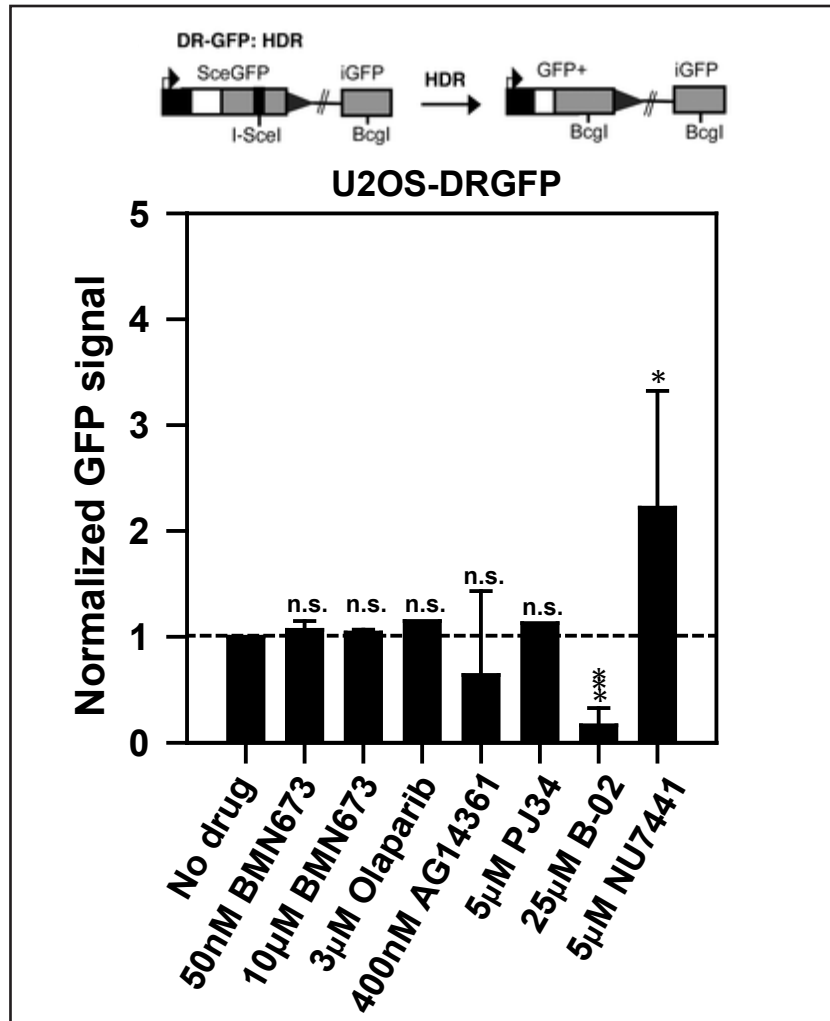
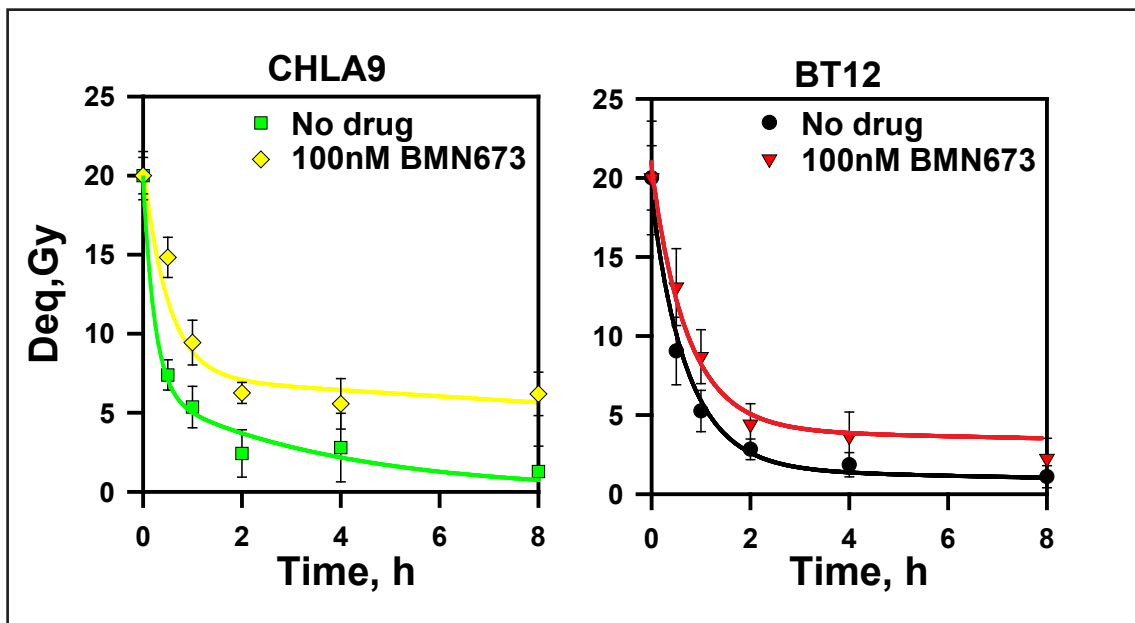


**A****B**

**Suppl. Figure 6:**

**(A): The DR-GFP reporter assay fails to detect an effect of BMN673 on HRR.**

Exponentially growing U2OS cells ( $2 \times 10^6$ ) containing the indicated HRR DSB reporter substrate were transfected with 1  $\mu$ g I-SceI expression plasmid and allowed to attach for 90 min. Subsequently, cells were treated with indicated inhibitors. Seventy-two hours later cells were analyzed for GFP expression by flow cytometry. Inhibitors were present during the entire period of incubation. **(a).** DR-GFP construct. **(b).** Effect of various Parpi, as well as of a Rad51 inhibitor (B-02) and a DNA-PK inhibitor (NU7441) on HRR. **(B): BMN673 impairs DSB repair in human sarcoma and rhabdoid cell lines.** Exponentially growing cells were irradiated with 20Gy in the presence or absence of BMN673. Repair kinetics was measured using PFGE **(a).** DSB repair kinetics in CHLA9 human sarcoma cell line, incubated after 20 Gy with or without BMN673. **(b).** DSB repair kinetics in BT12 human tumor cell line incubated after 20 Gy with or without BMN673. Data represents the mean  $\pm$  SD calculated from two to three independent experiments.