

DNA Repair Genes GFC-Transfection Array I

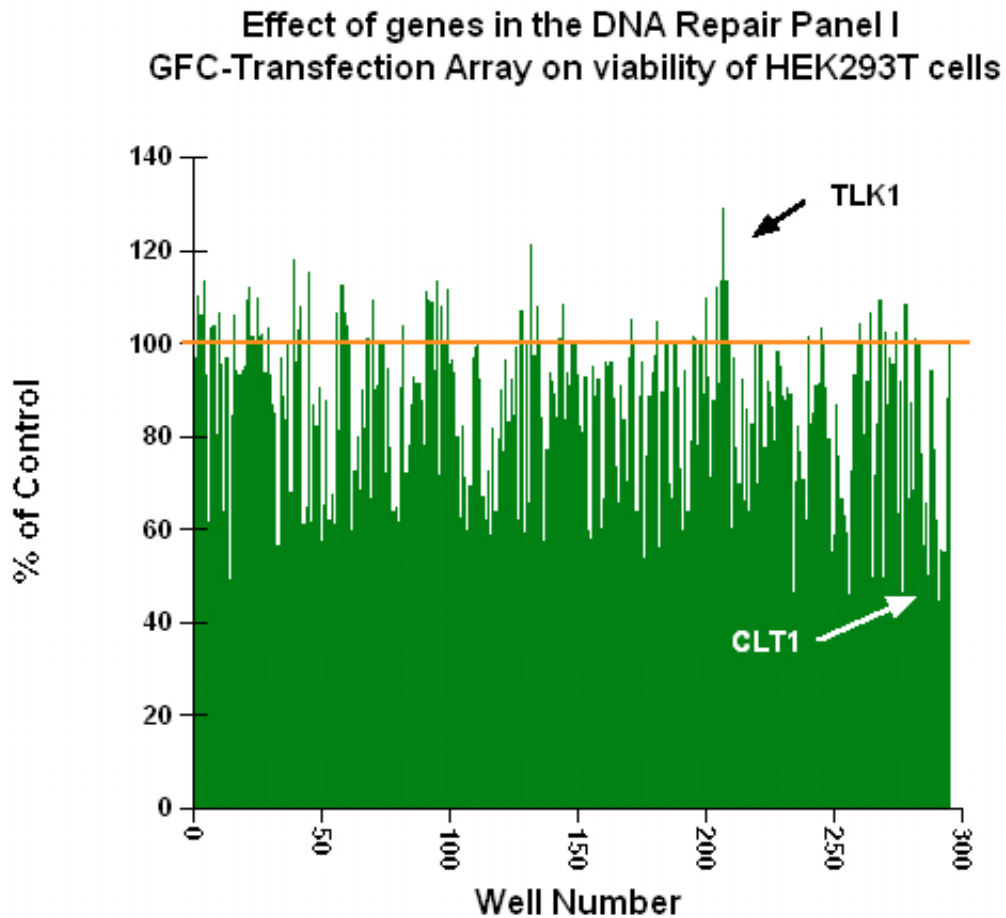


Figure 1. Effect of genes from the DNA repair panel I GFC-Transfection Array on viability and proliferation of HEK293T cells.

The effect of DNA repair proteins on the viability of HEK293T cells was determined. Five thousand (5×10^3) HEK293T cells were used in a reverse transfection with TurboFectin 8.0. Cell viability was tested 48 hours later with the ATPlite 1step assay (PerkinElmer). Several genes were shown to promote cell proliferation / viability by up to 125 %. Many of the clones reduced cell proliferation / viability by up to 55 % from control