Effect of genes in the Secreted Proteins Panel II GFC-Transfection Array on viability of HEK293T cells

Figure 1. Effect of genes from the secreted proteins panel II GFC-Transfection Array on viability and proliferation of HEK293T cells.

The effect of secreted proteins genes on the viability of HEK293T cells was determined. Five thousand ($5 \times 10^3$) 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 175 % and others reduced cell proliferation / viability by up to 50 % from control.