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Human siGENOME RTF - DNA Damage Response

Ideal for labs who want to carry out siRNA screens but lack high-throughput capabilities

(Checkout) ([../admin/productqueue/edit/17179919437](#)) (Report Missing Content or Issue) ([Also Available As: Human siGENOME siRNA Library - DNA Damage Response \(\[../sirna/human-sigenome-sirna-library-dna-damage-response/\]\(#\)\)](http://uslaf-lsrtfs.amer.thermo.com:8080/tfs/web/wi.aspx?pname=LSR&wit=Feedback&[Area Path]=LSR\Feedback\Bugs&[Sprint Focus]=Content&[Repro Steps]=http://uat.thermoscientificbio.com/EktronTemplates/ProductLayout.aspx?id=17179919437)</p></div><div data-bbox=)

A ready-to-use reverse transfection format RNAi screening library targeting human DNA damage response genes. Just resuspend pre-dispensed siRNA and add cells. Optimization plates available.

Human siGENOME RTF - DNA Damage Response

H-006005, Unit Size: 6 replicates, 6.25 pmol, Price:

[Inquire](#) ([/product-inquire/?catalogNumber=H-006005](#)),

Human siGENOME RTF - DNA Damage Response - black plates

H-006005B, Unit Size: 6 replicates, 6.25 pmol, Price:

[Inquire](#) ([/product-inquire/?catalogNumber=H-006005B](#)),

Human siGENOME RTF - DNA Damage Response - white plates

H-006005W, Unit Size: 6 replicates, 6.25 pmol, Price:

[Inquire](#) ([/product-inquire/?catalogNumber=H-006005W](#)),

Supporting Data

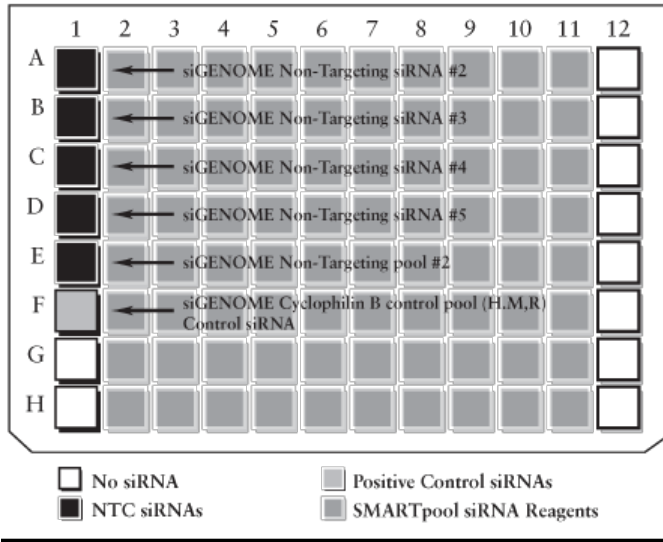


Figure 1. | Validated control siRNAs and pools are pre-dispensed into column 1 of each RTF Library plate, providing a consistent baseline for screening and assay efficiency.

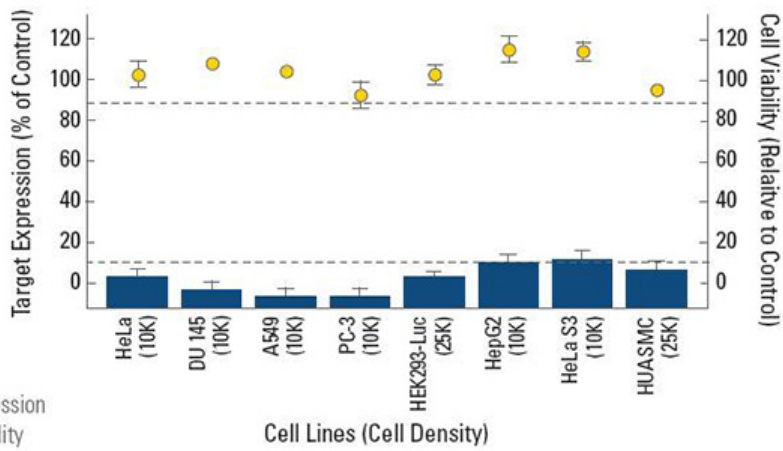


Figure 2. | Reverse transfection Format was used to assess control gene silencing (Cyclophilin B; blue bars) and viability (yellow dots) across eight cell lines under optimized conditions. In all cases, effective target gene knockdown was achieved with low cytotoxicity.

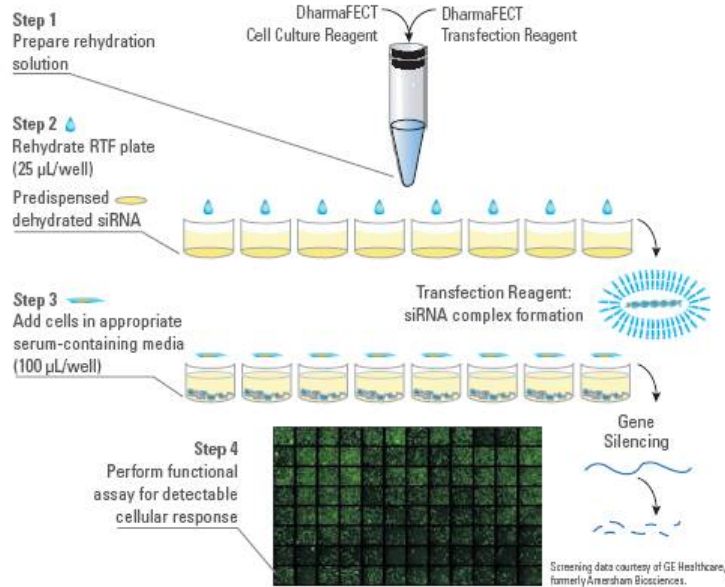


Figure 3. |