

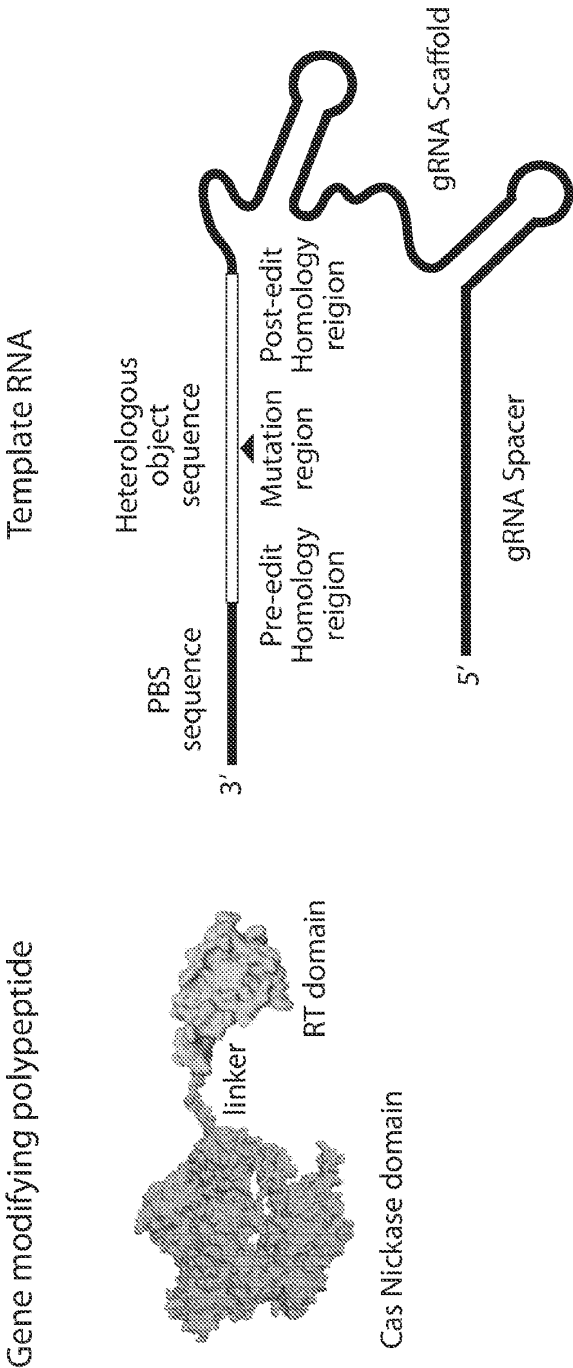
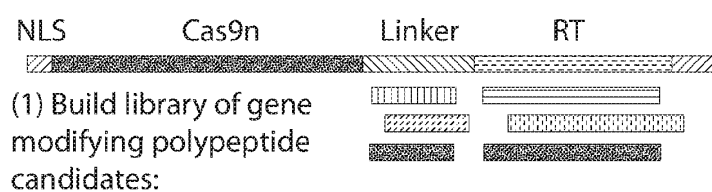


FIG. 1



FIG. 2A



(2) Screen pools from a library with ~18,000 candidates to evaluate performance of combinations of Cas, linkers and retrovirus RT variants

FIG. 2B

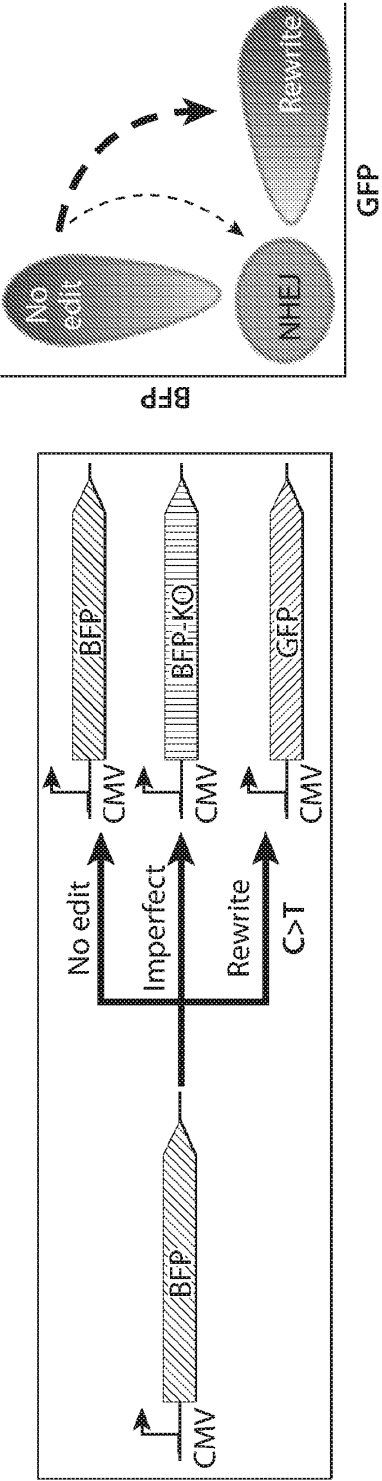


FIG. 3

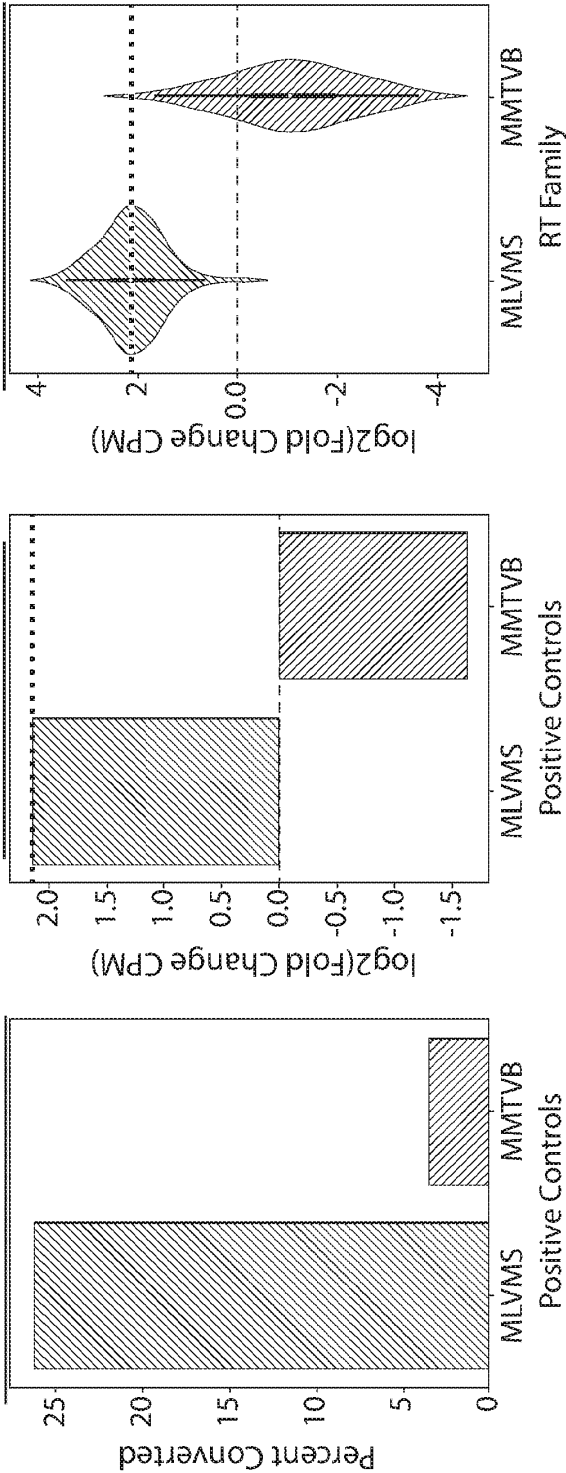


FIG. 4C

FIG. 4B

FIG. 4A

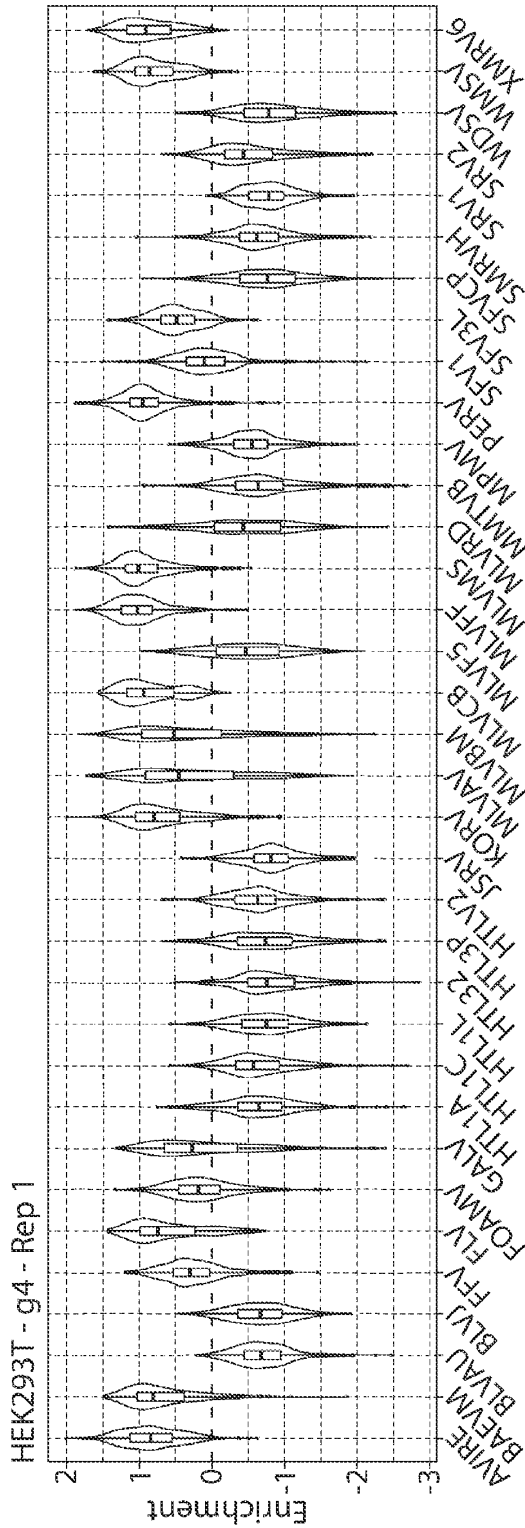


FIG. 5A

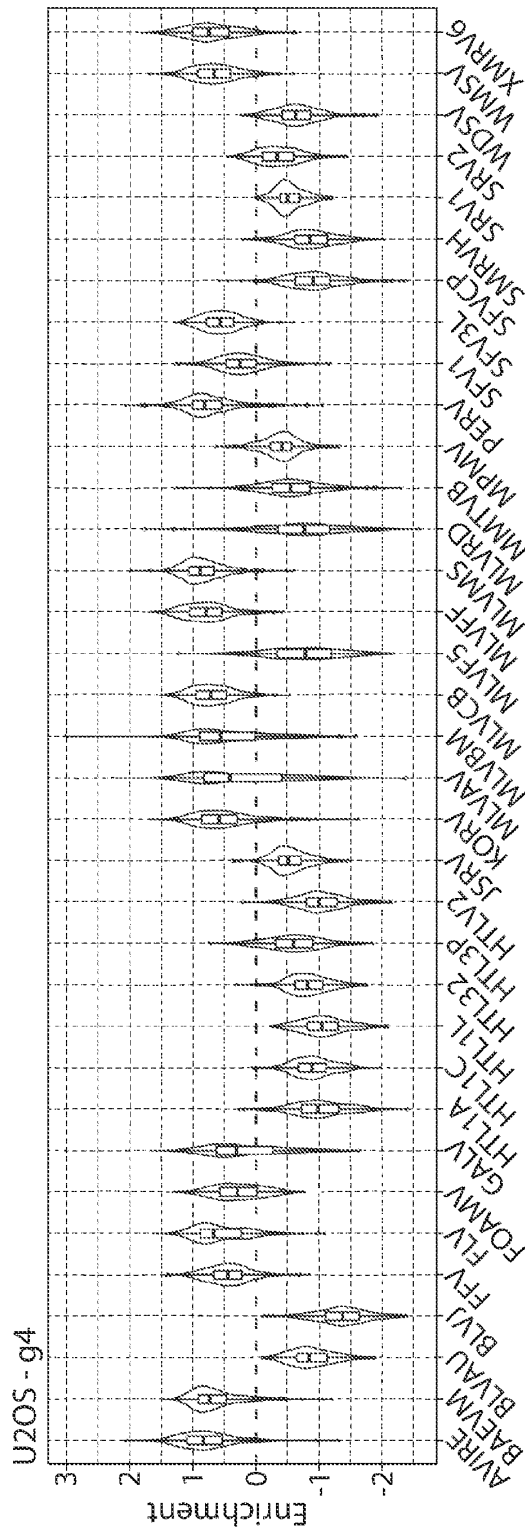


FIG. 5B

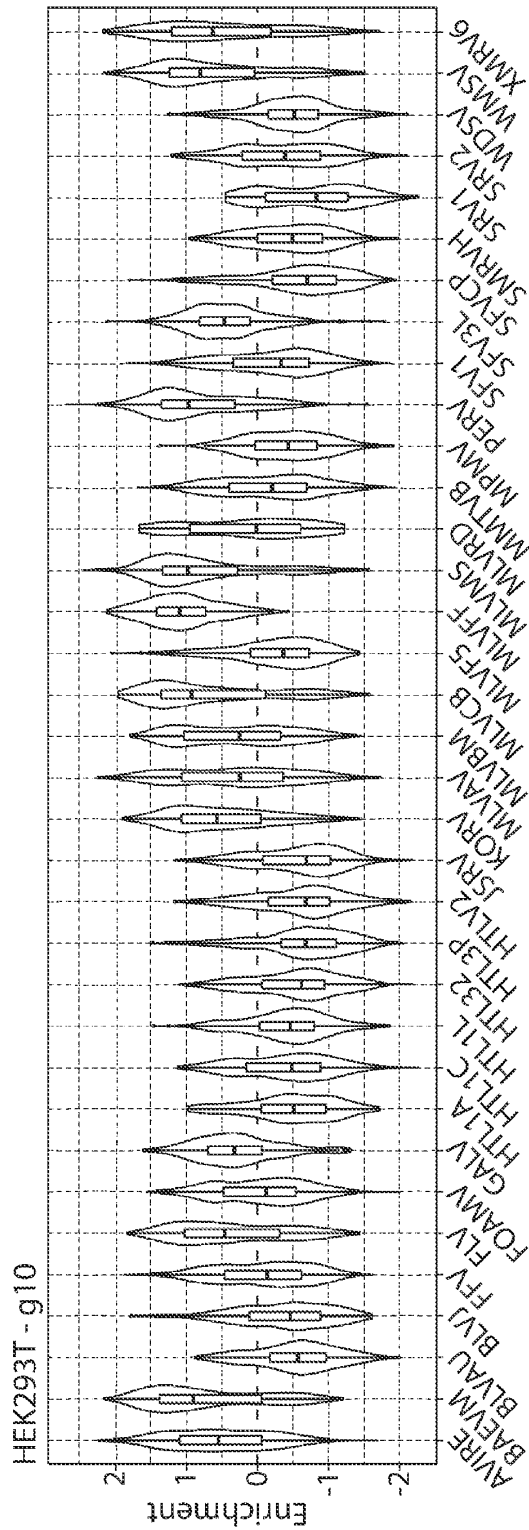


FIG. 5C

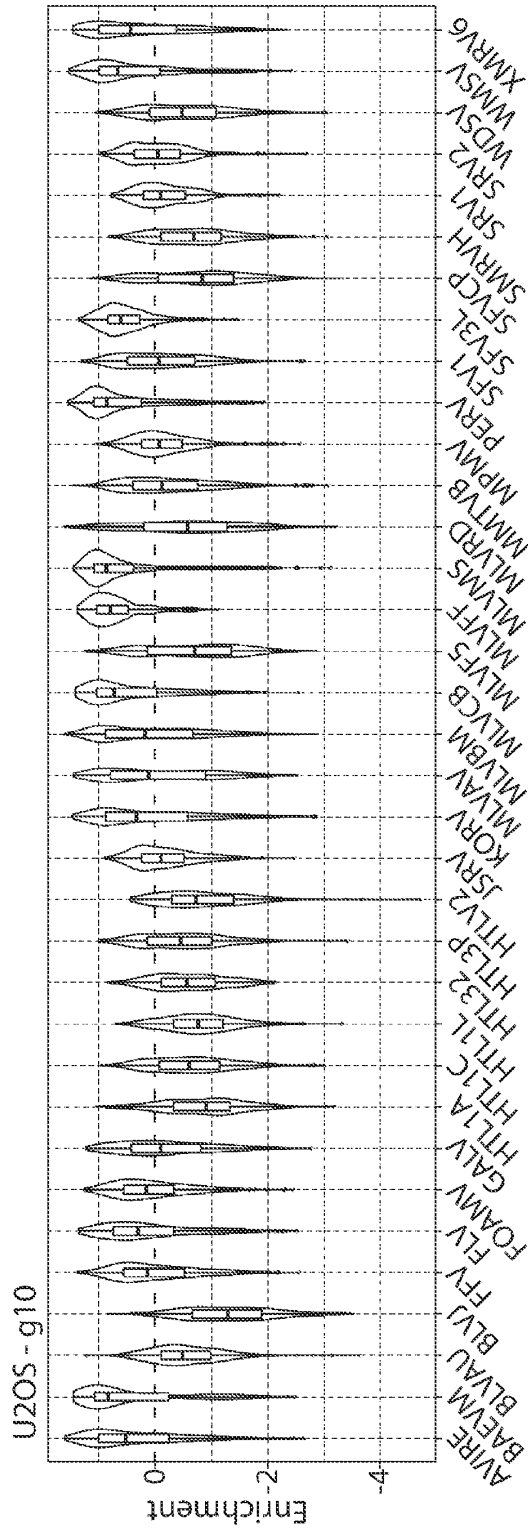


FIG. 5D

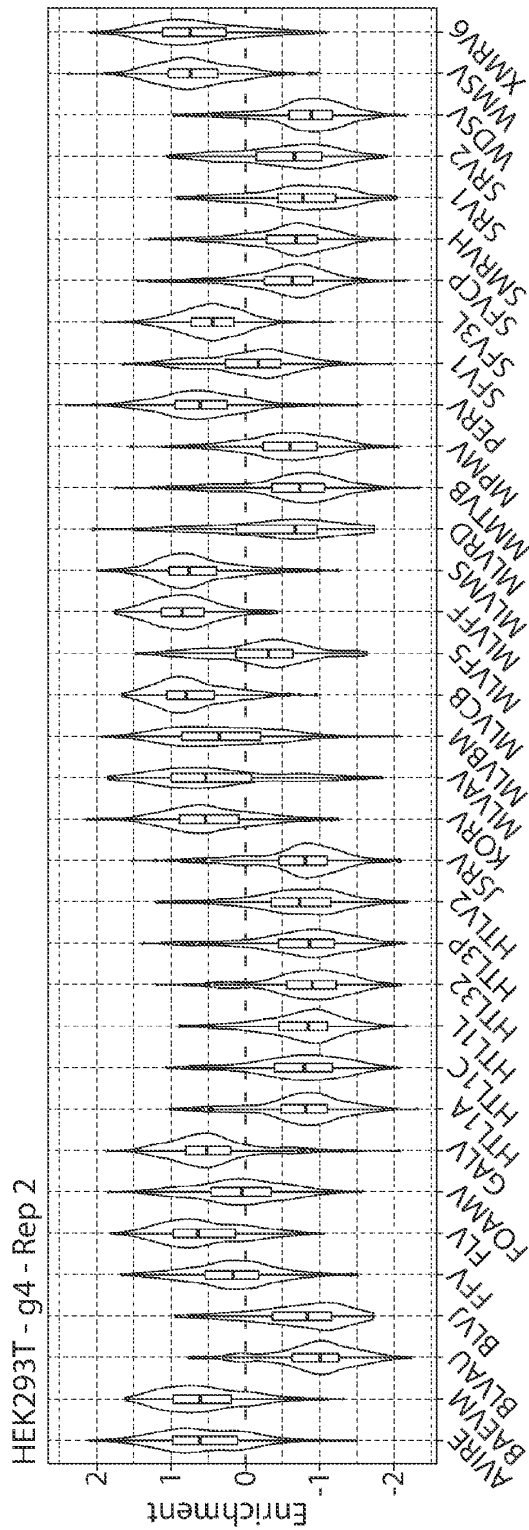


FIG. 5E

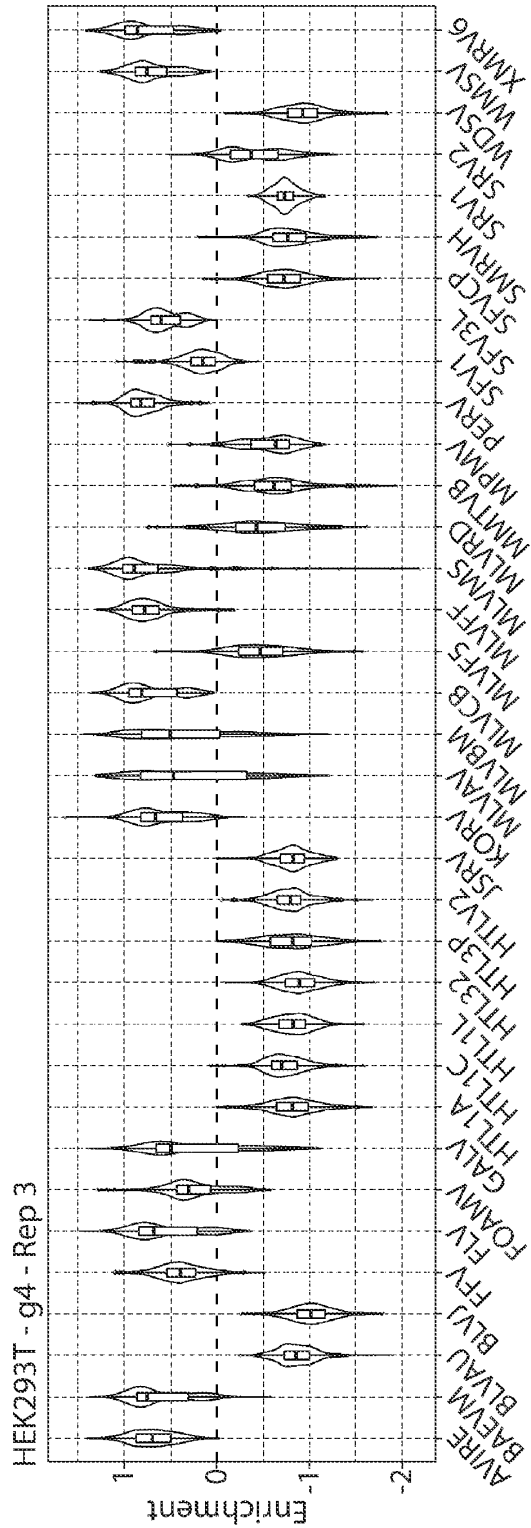


FIG. 5F

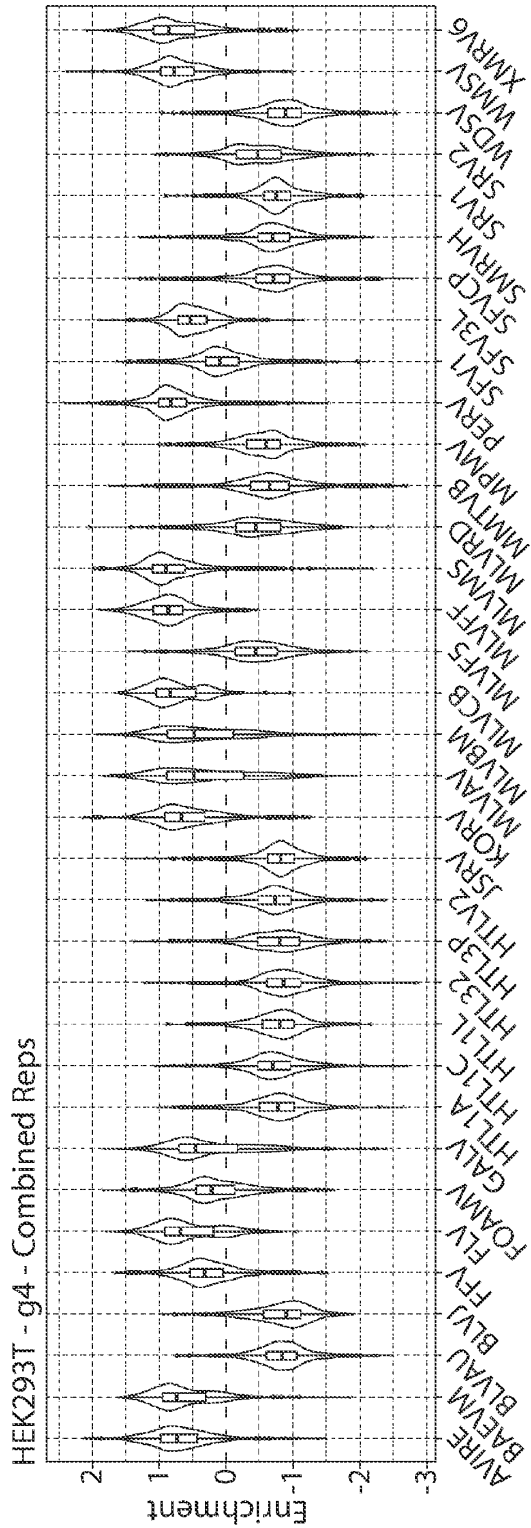


FIG. 5G

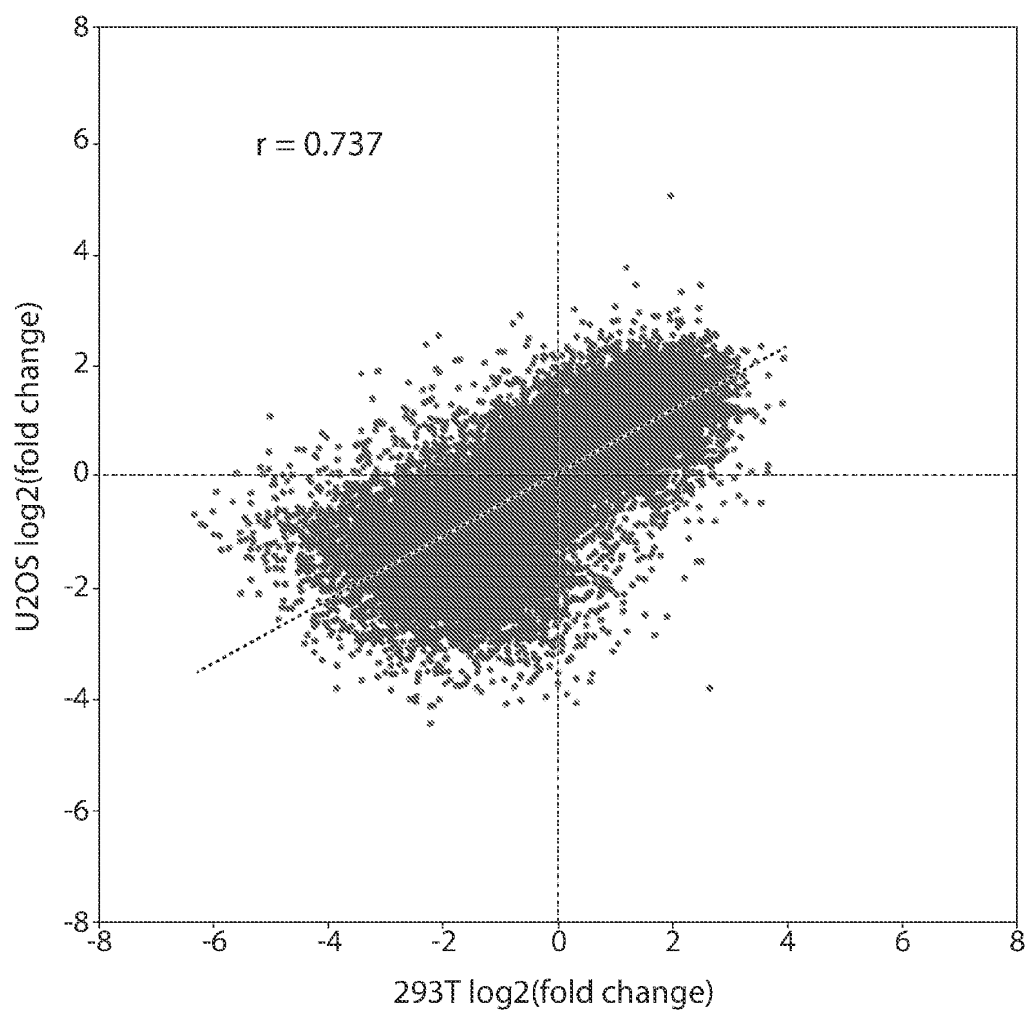


FIG. 6

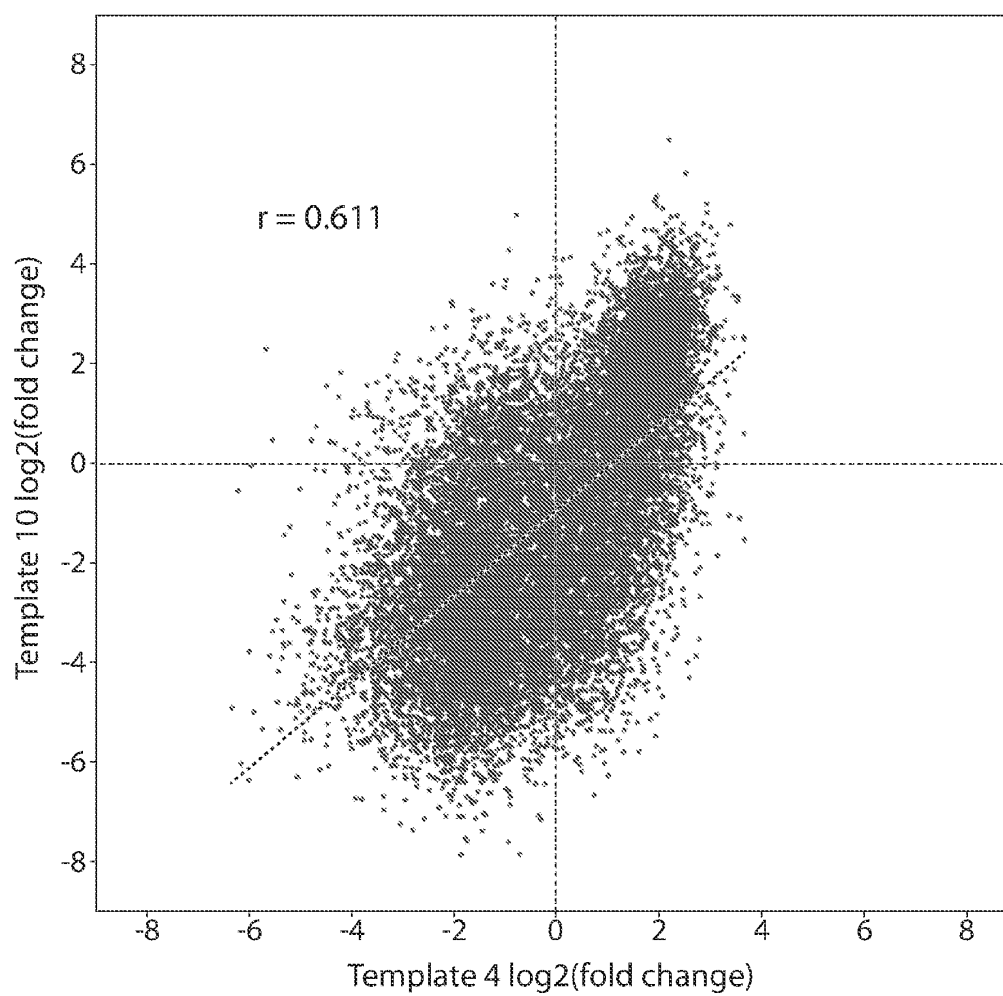


FIG. 7

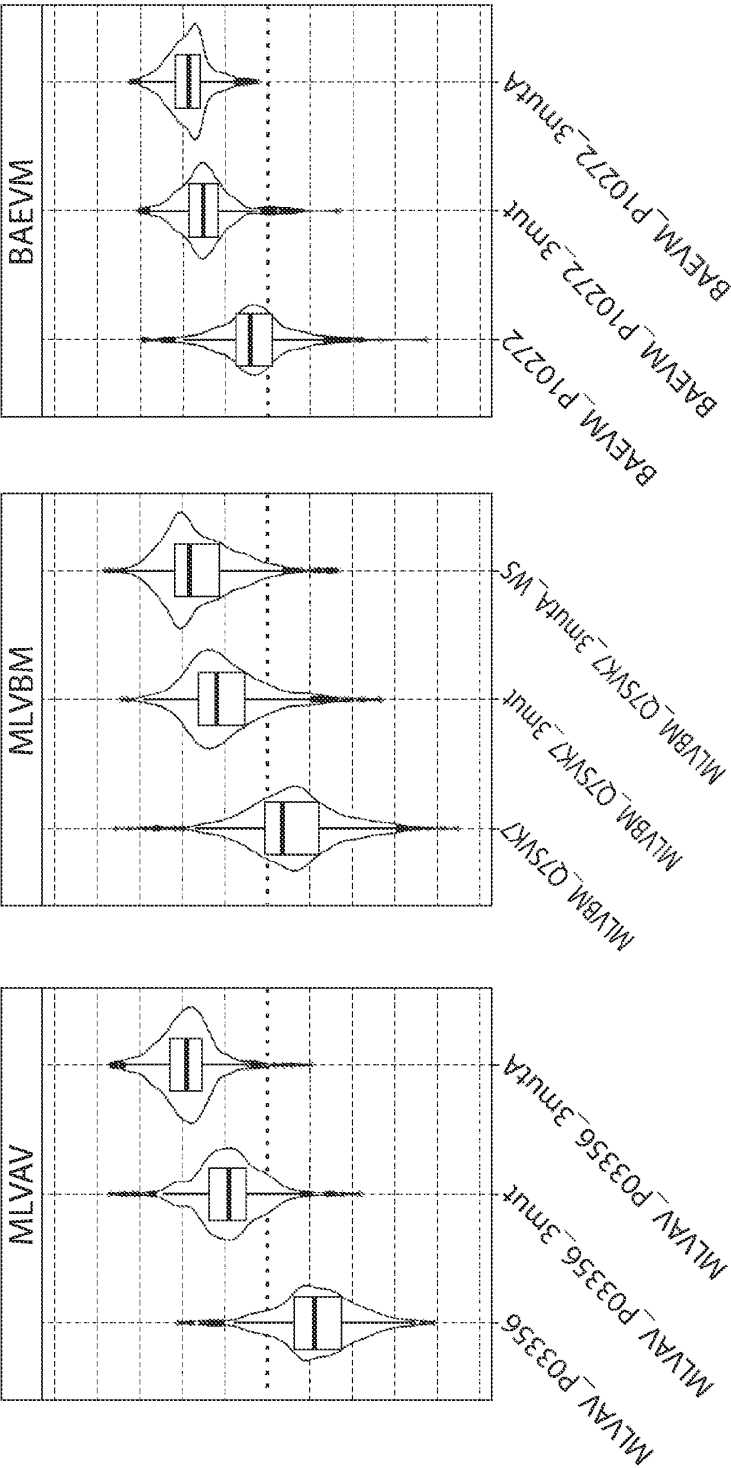


FIG. 8A

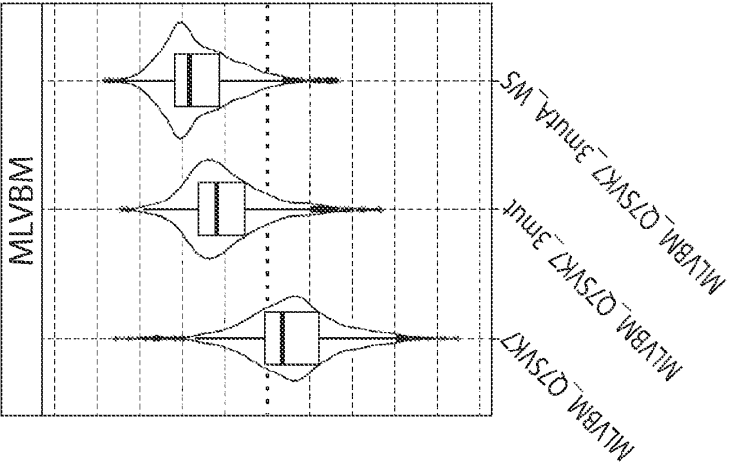


FIG. 8B

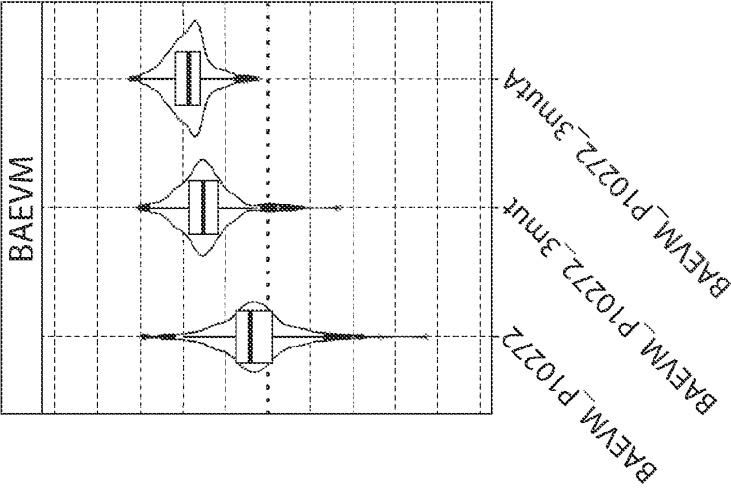


FIG. 8C

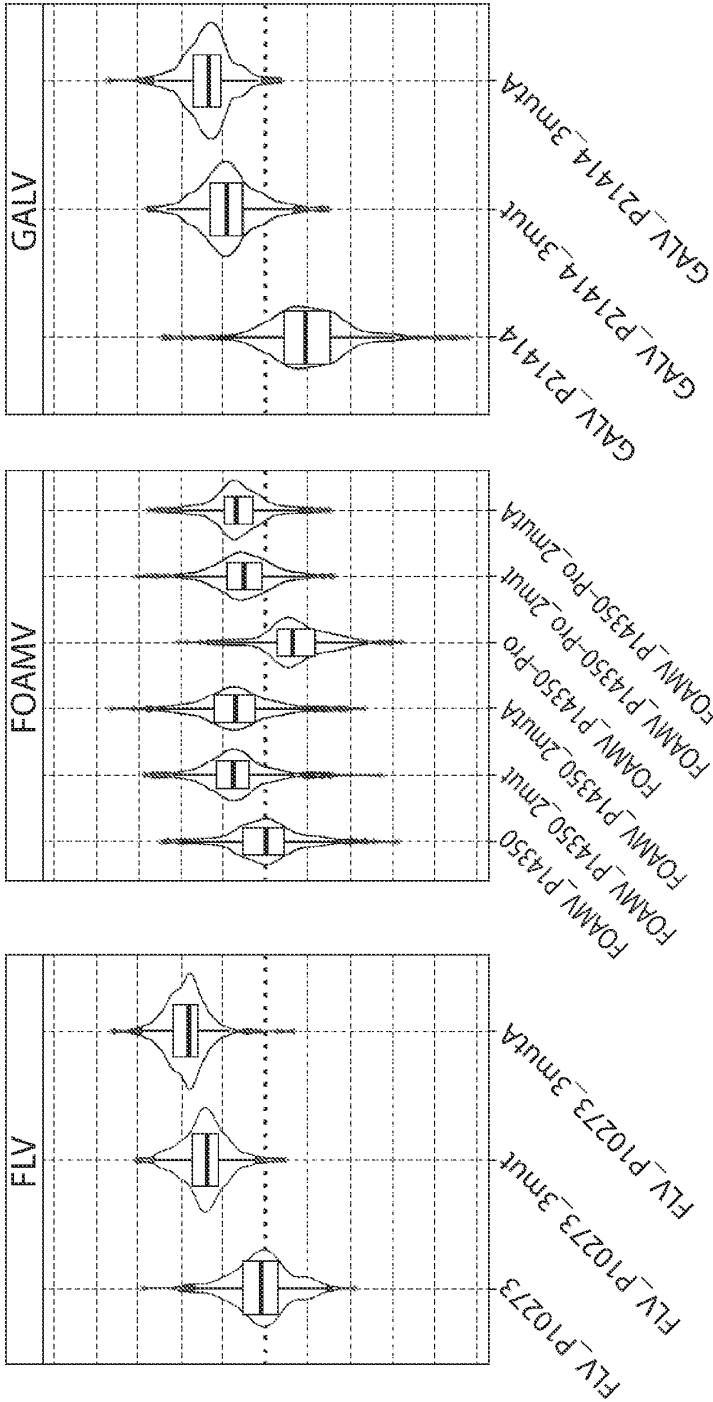


FIG. 8F

FIG. 8E

FIG. 8D

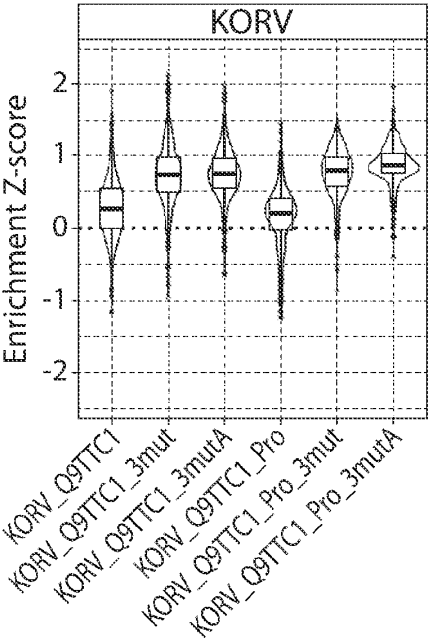


FIG. 9A

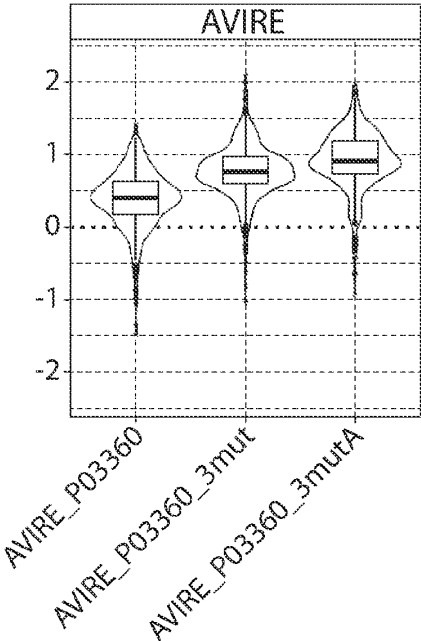


FIG. 9B

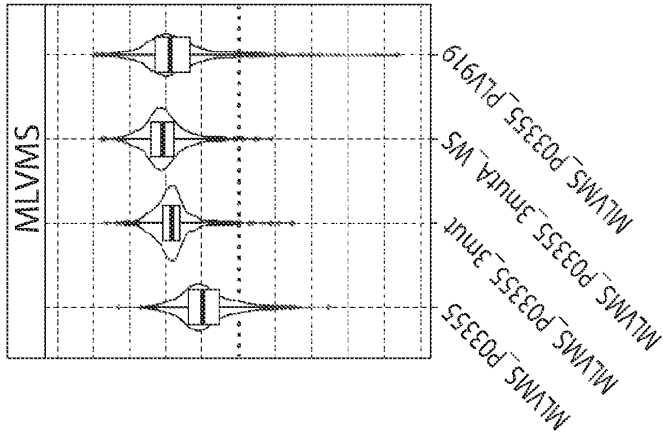


FIG. 9C

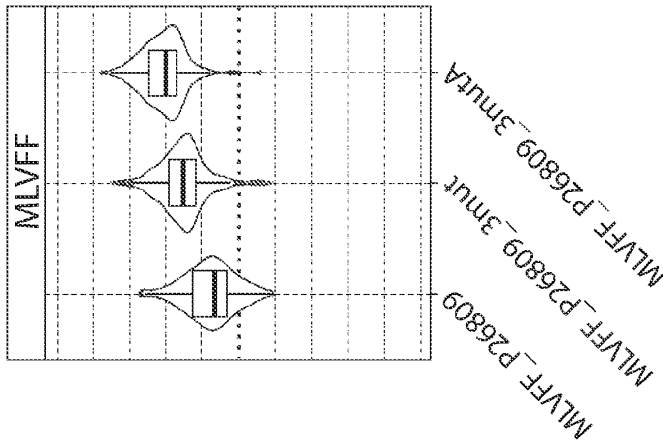


FIG. 9D

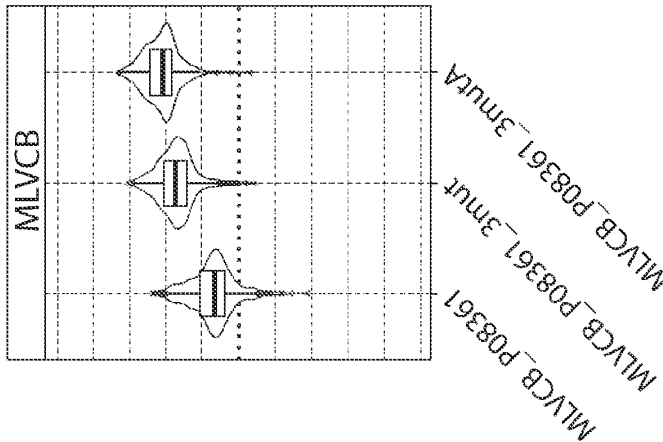


FIG. 9E

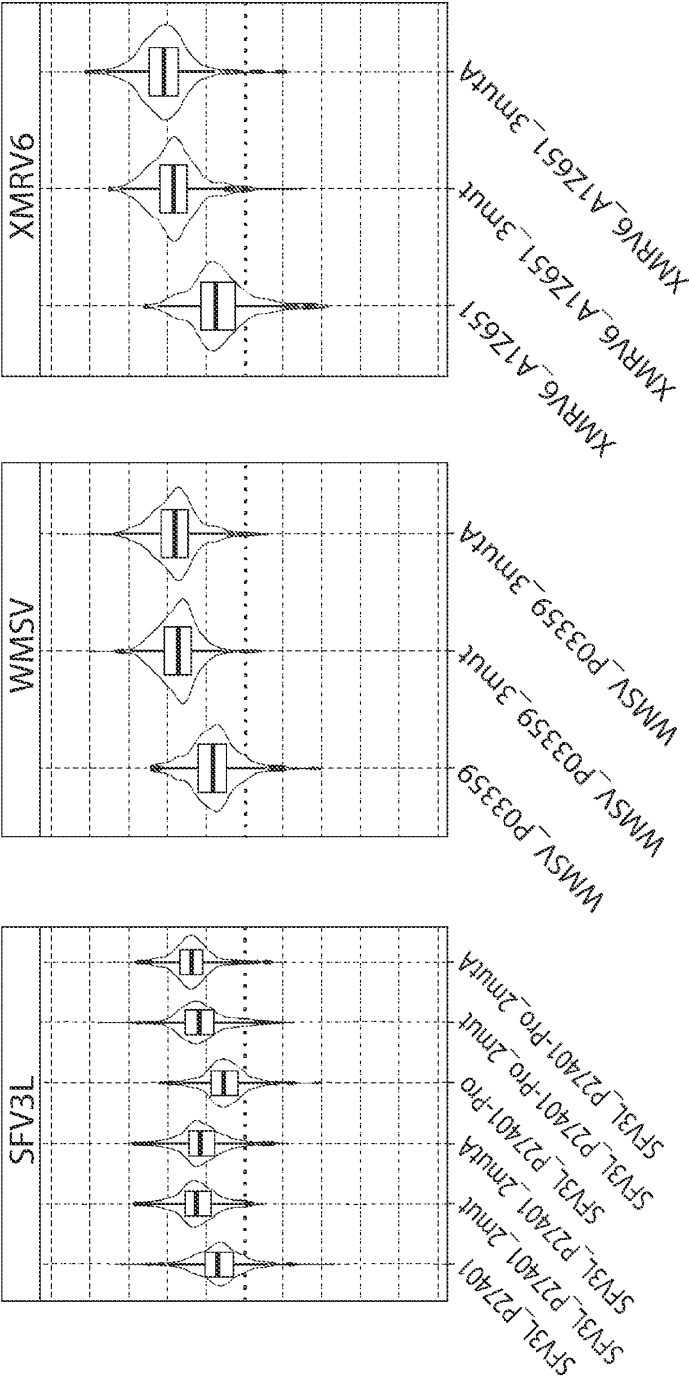


FIG. 9H

FIG. 9G

FIG. 9F

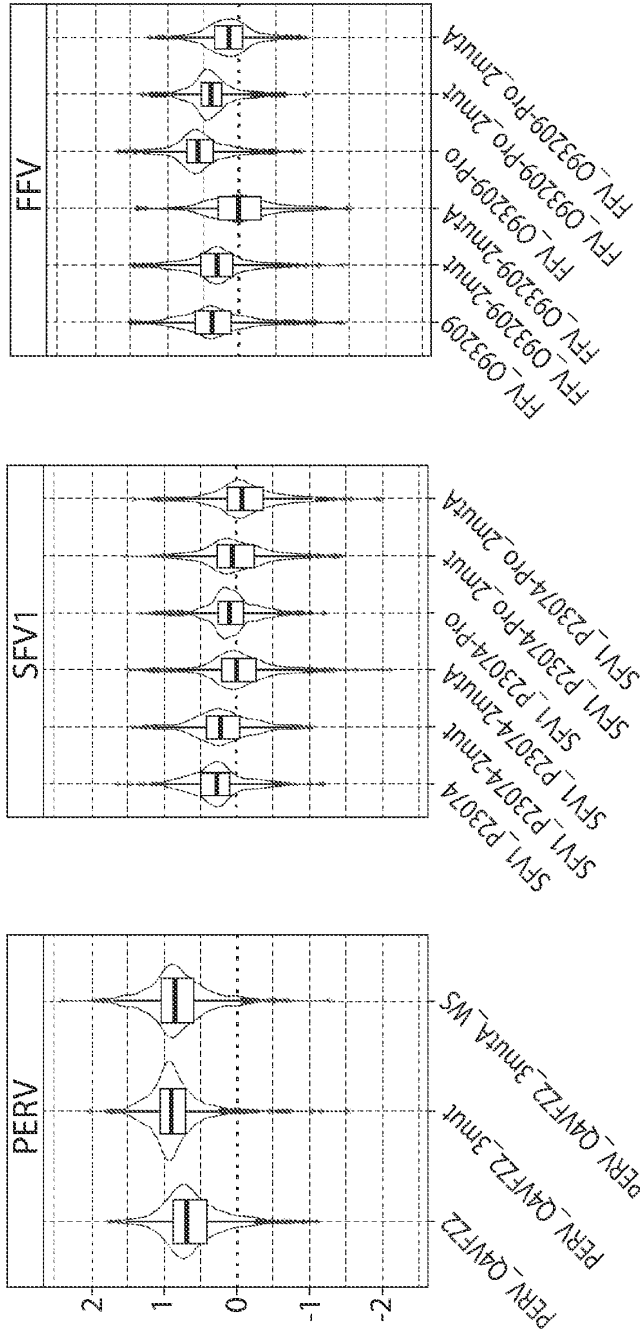


FIG. 10A

FIG. 10B

FIG. 10C

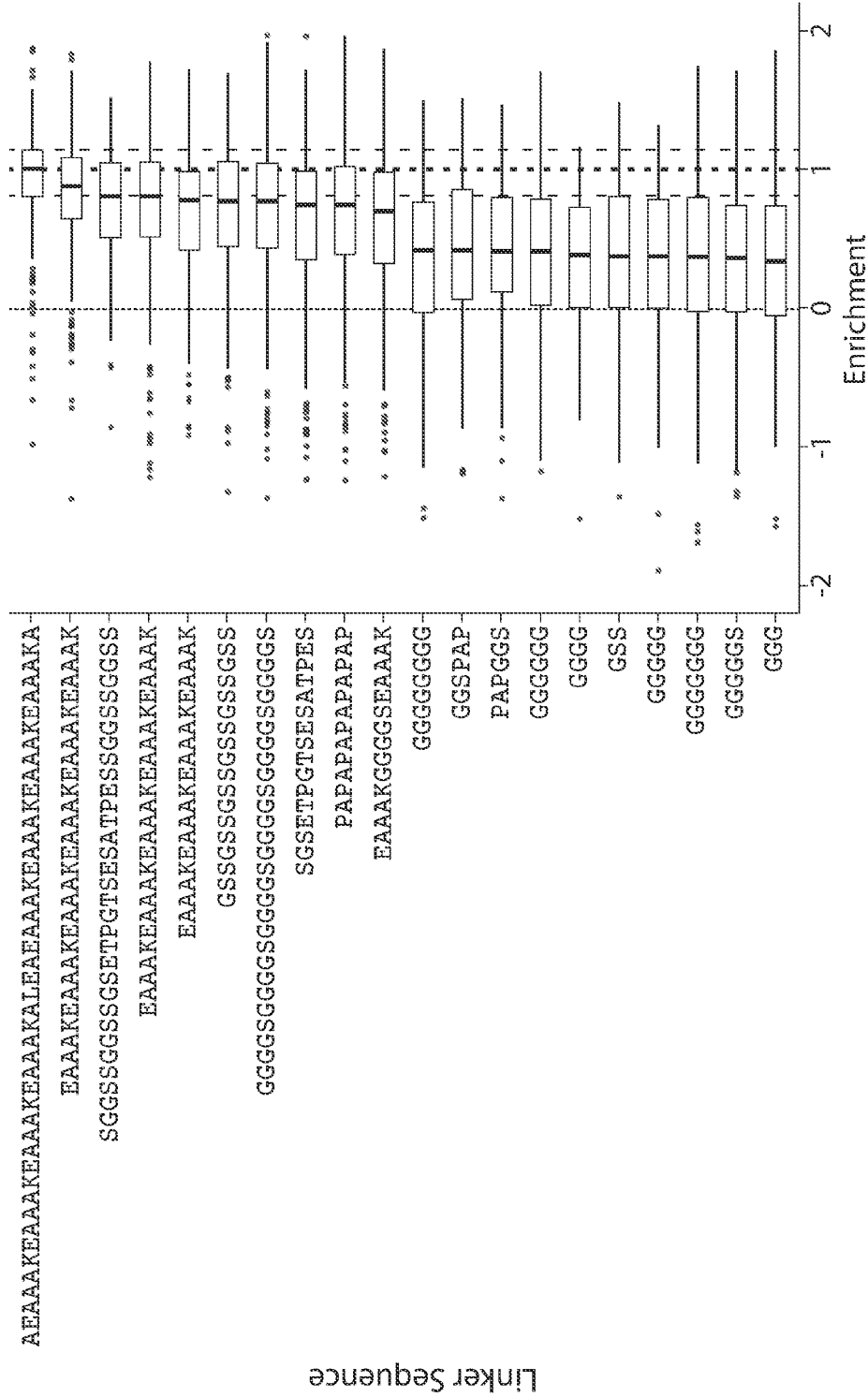


FIG. 11

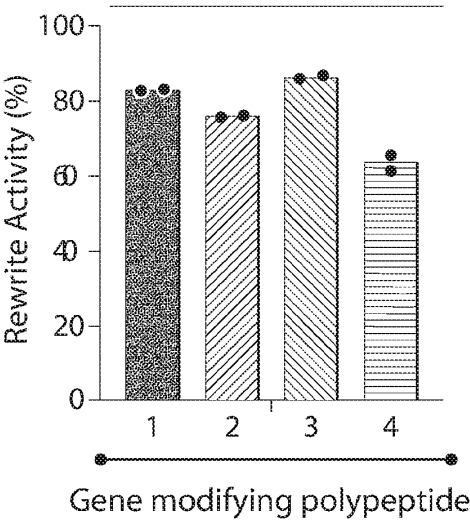


FIG. 12A

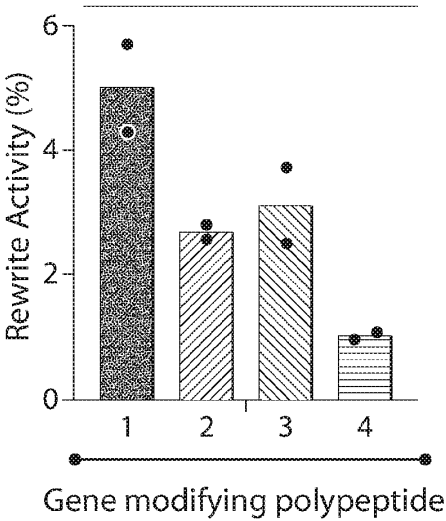


FIG. 12B

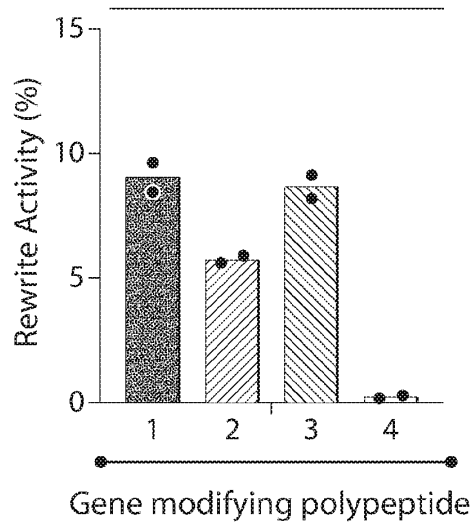


FIG. 12C

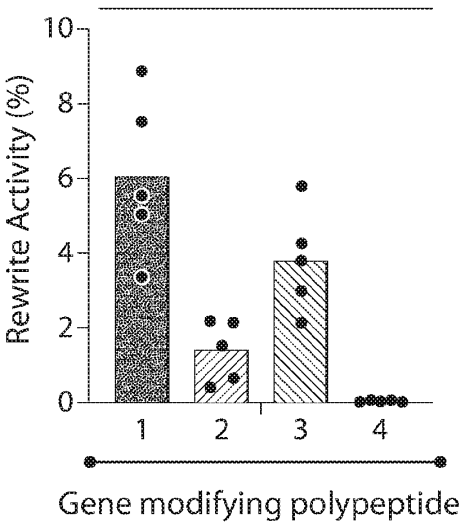


FIG. 12D

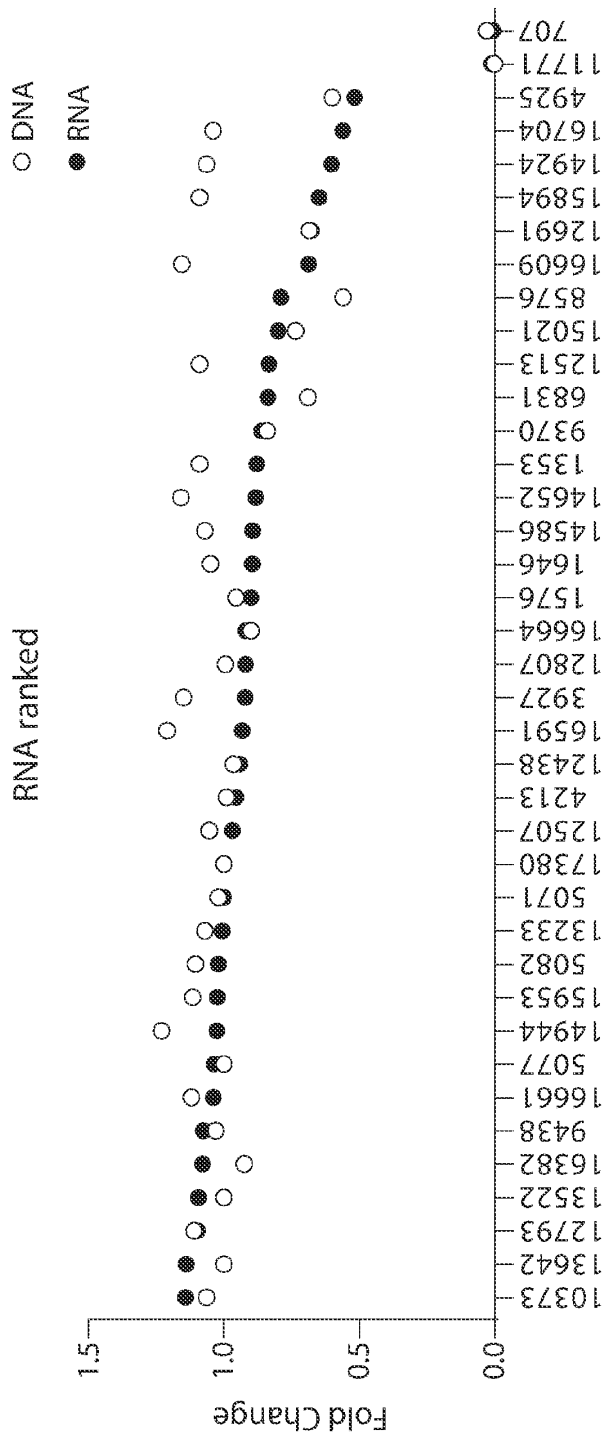


FIG. 13

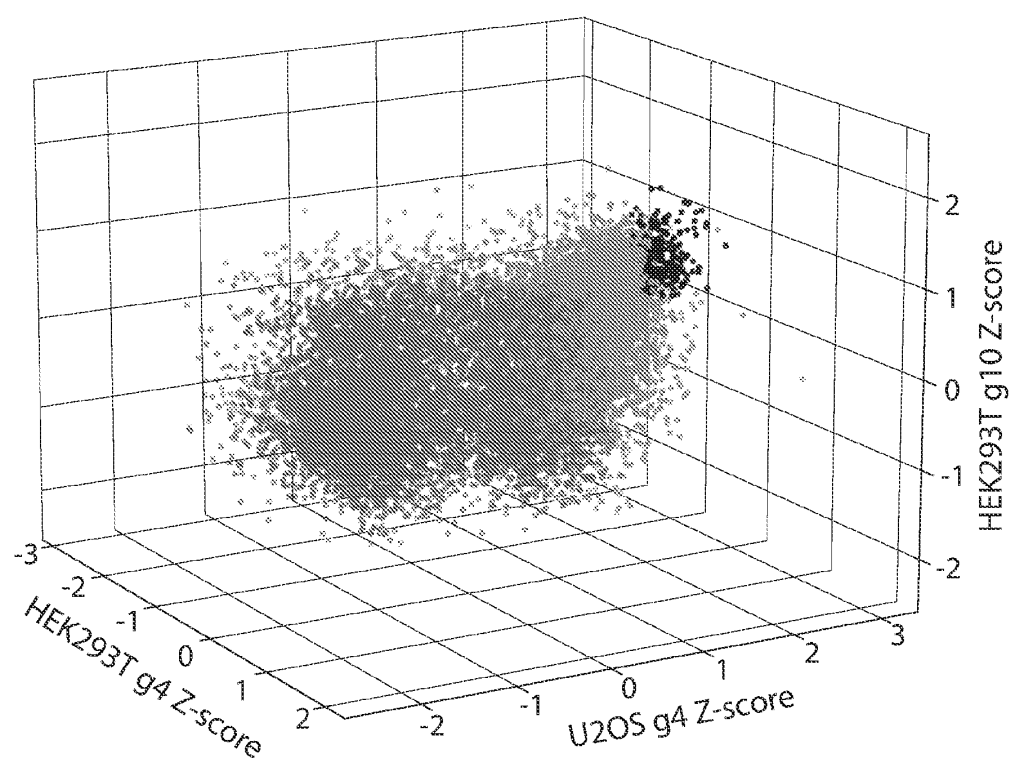


FIG. 14

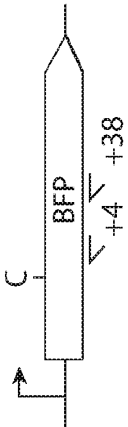
373 Drivers:

364 lead candidates
4 positive controls
5 negative controls

2 Cell lines:

HEK293T
U2OS

2 Template gRNAs:



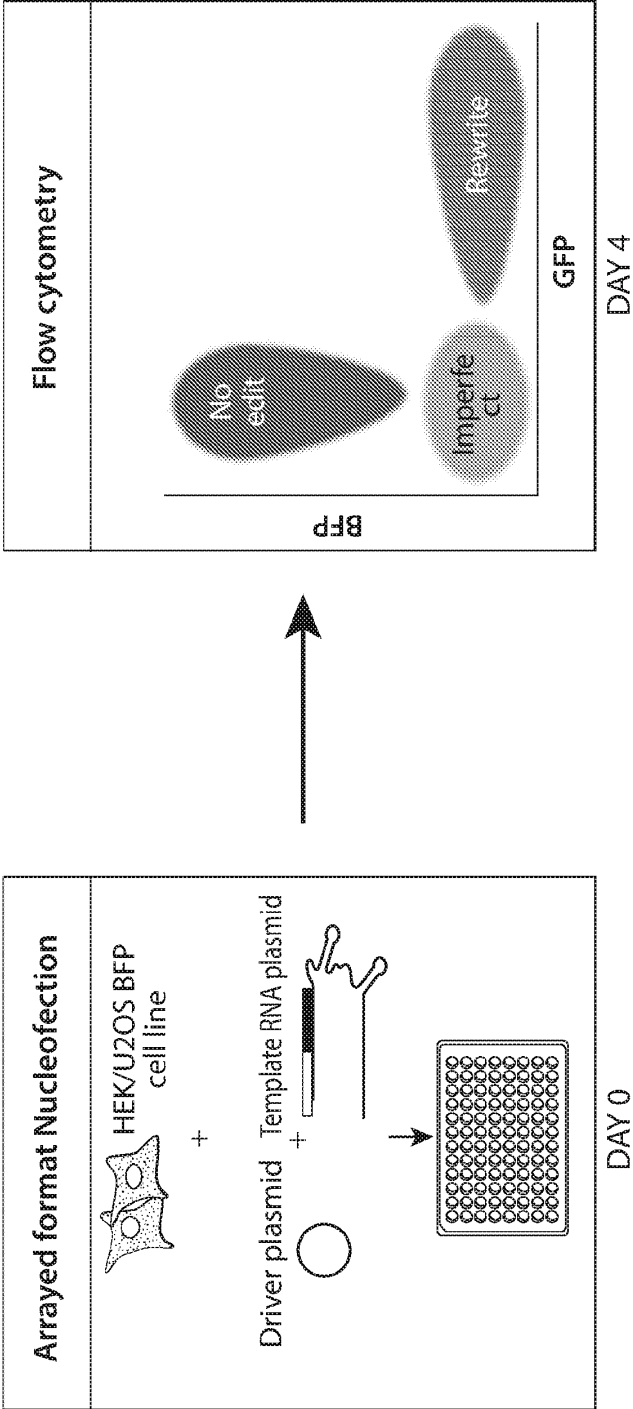
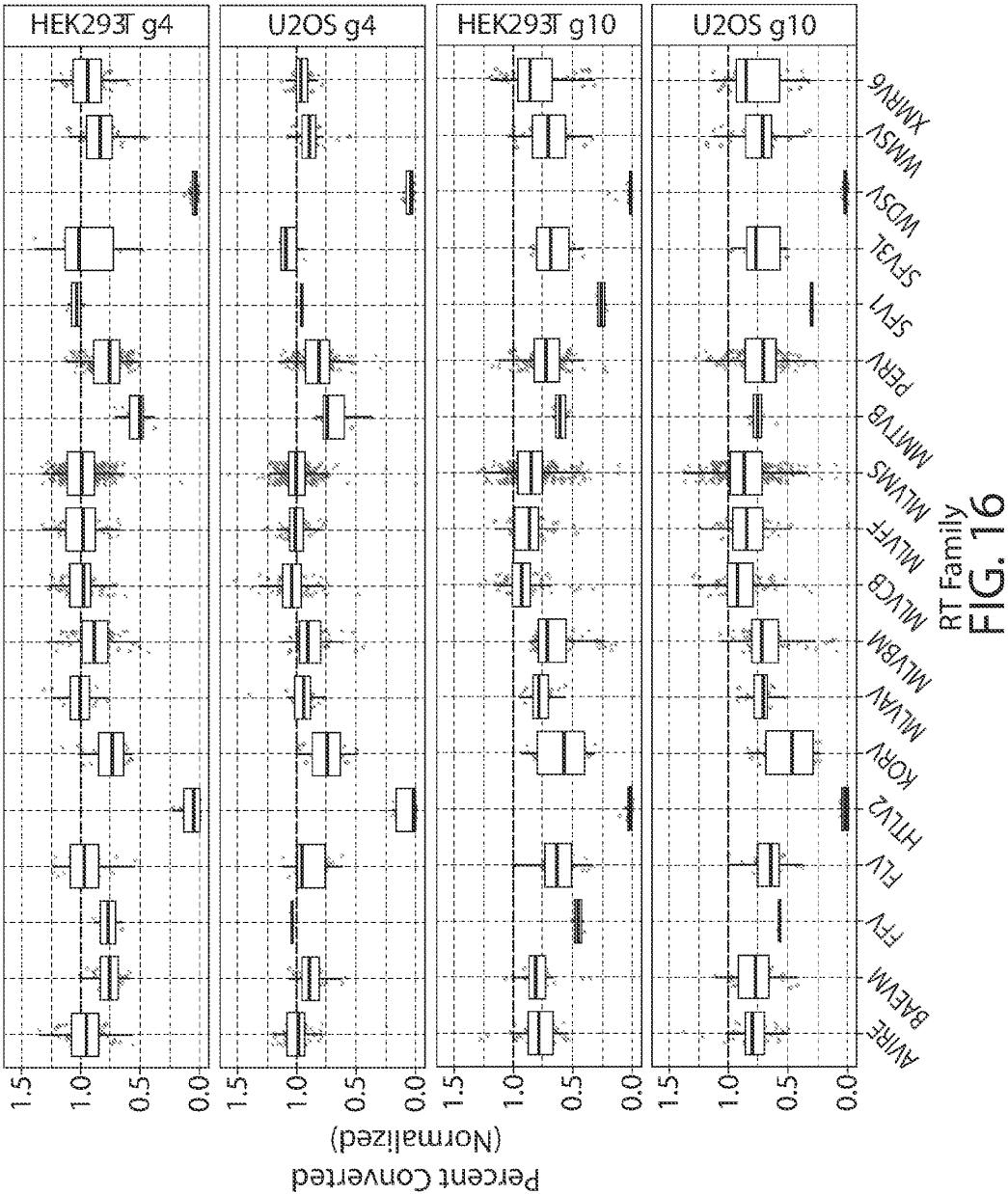


FIG. 15



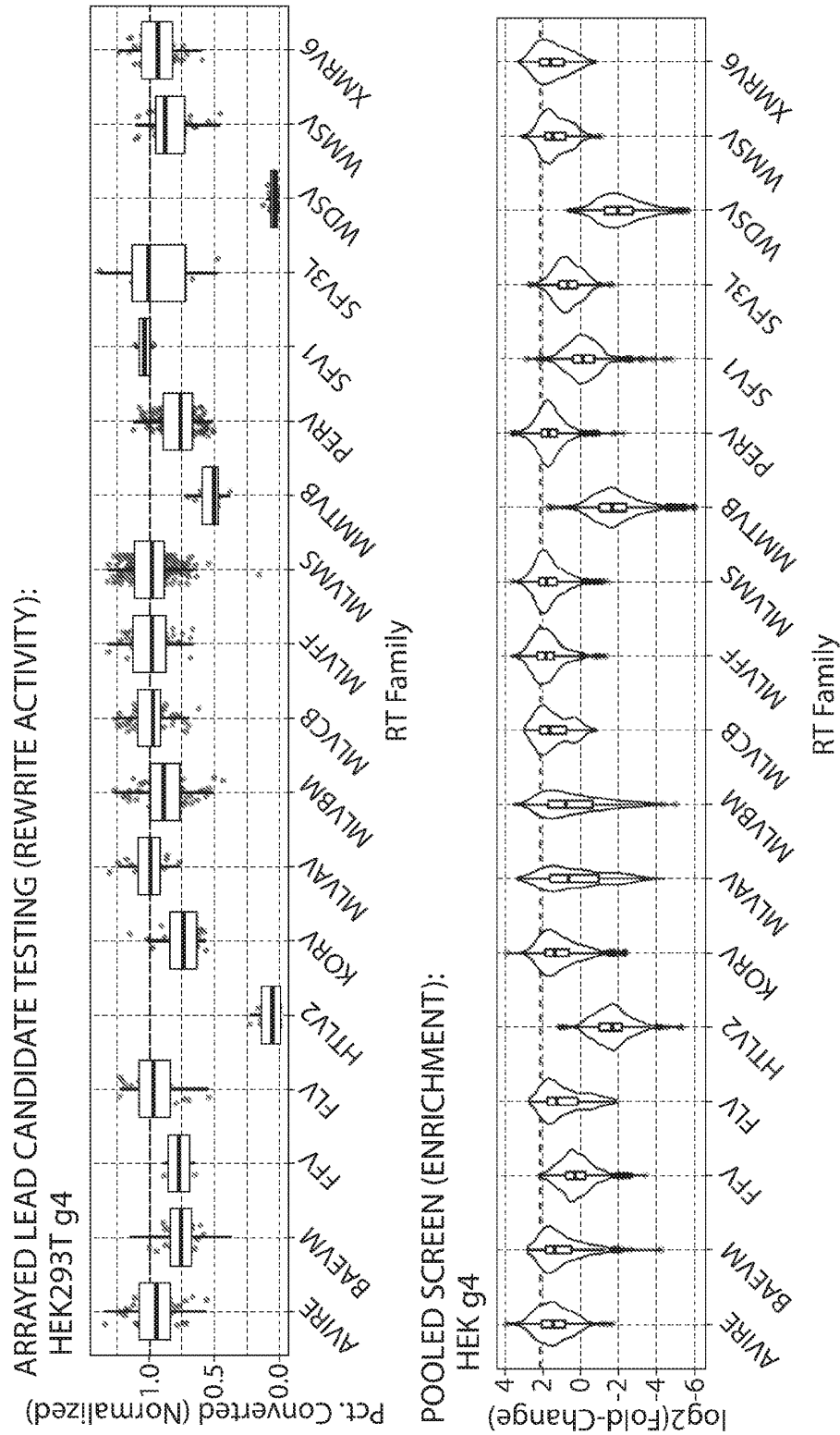


FIG. 17