

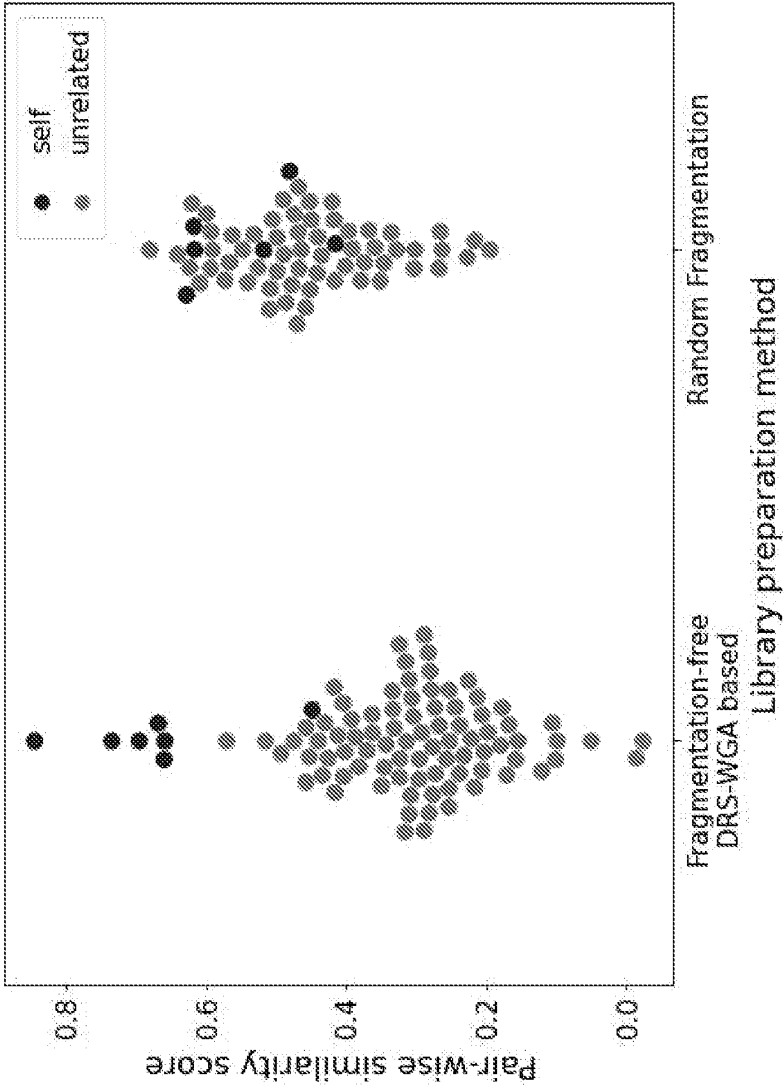


FIG. 1

Correlation in self vs unrelated
(500,000 reads, 21k SNPs vs. 300k SNPs)

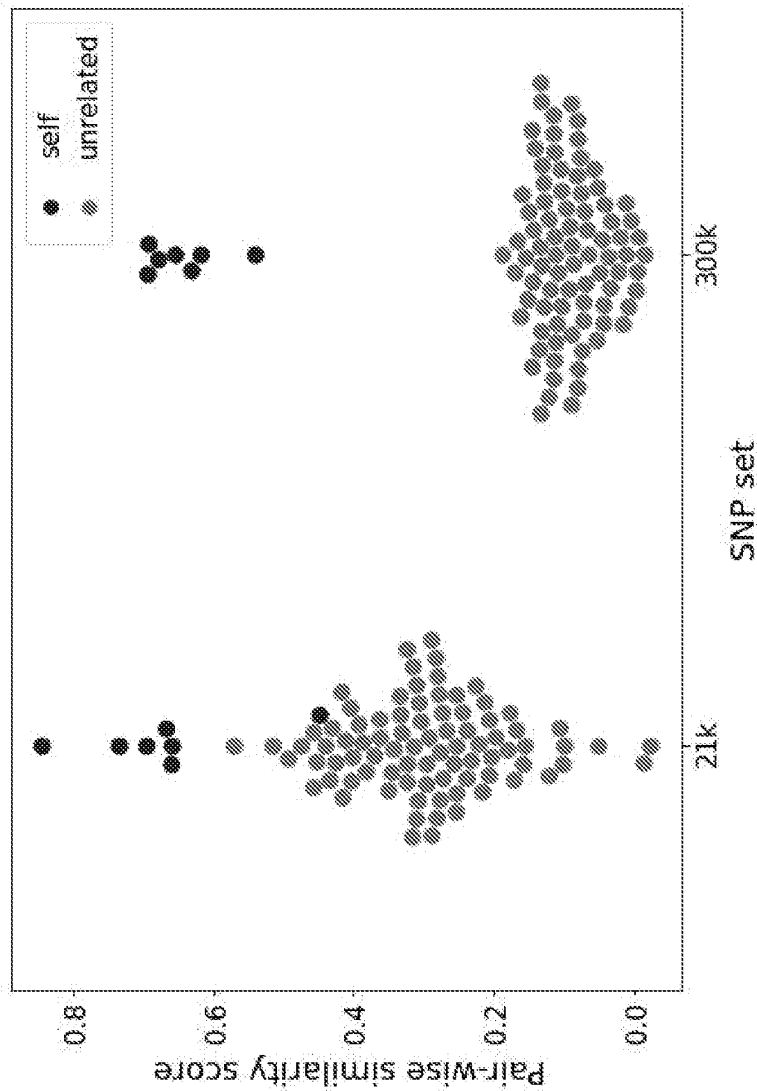


FIG. 2

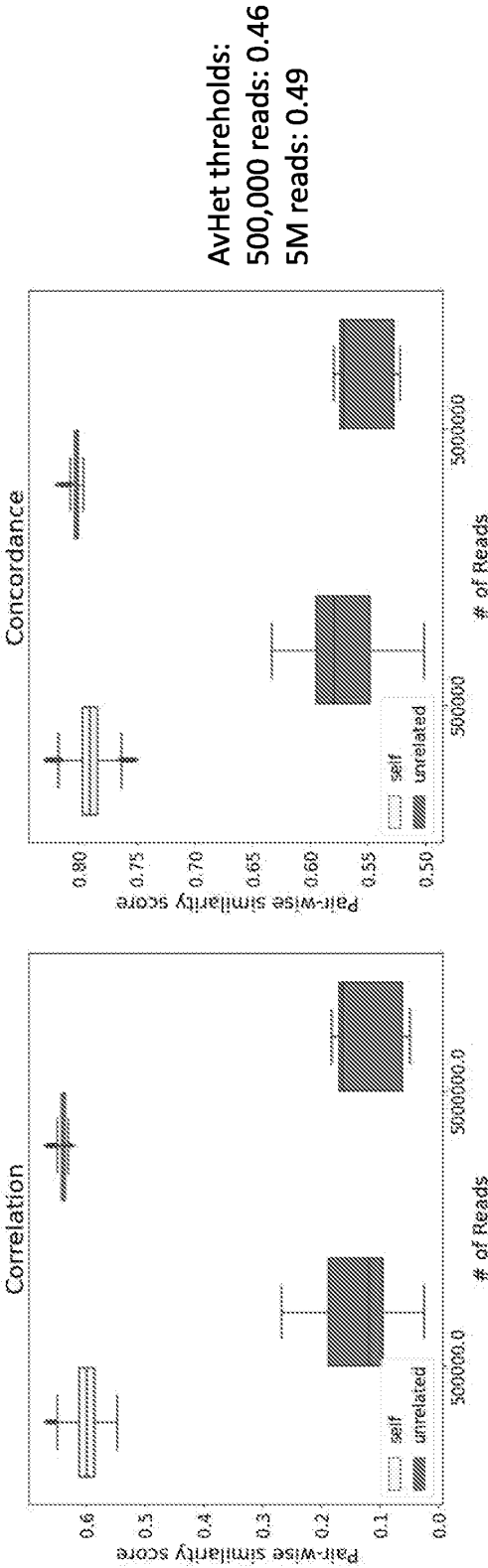


FIG. 3B

FIG. 3A

FIG. 4B

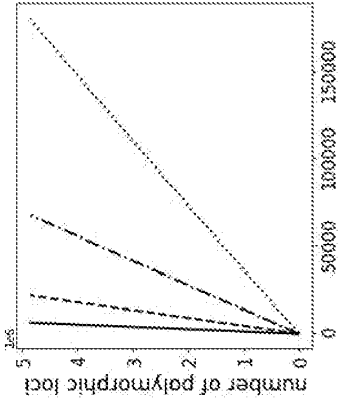


FIG. 4A

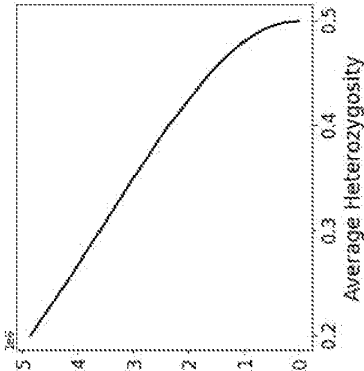


FIG. 4E

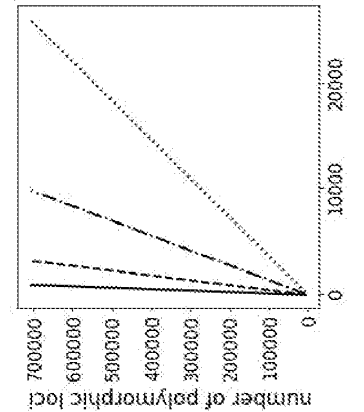


FIG. 4D

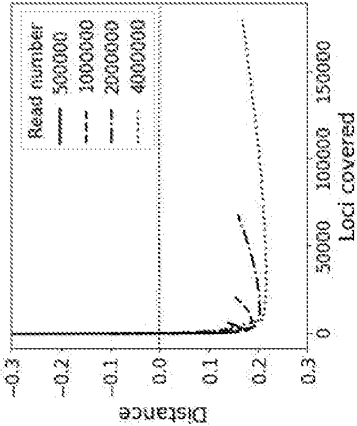
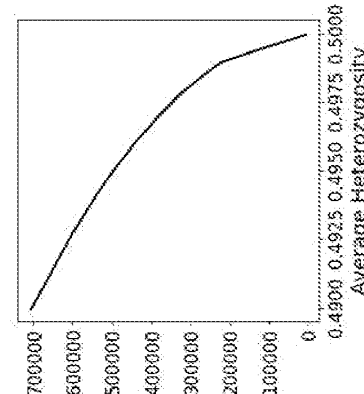


FIG. 4C

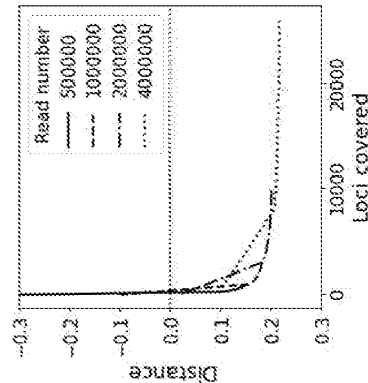


FIG. 4F

FIG. 5A

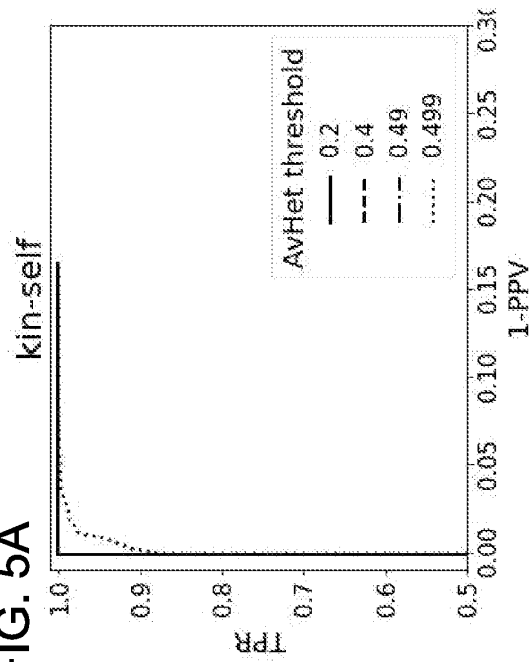


FIG. 5B

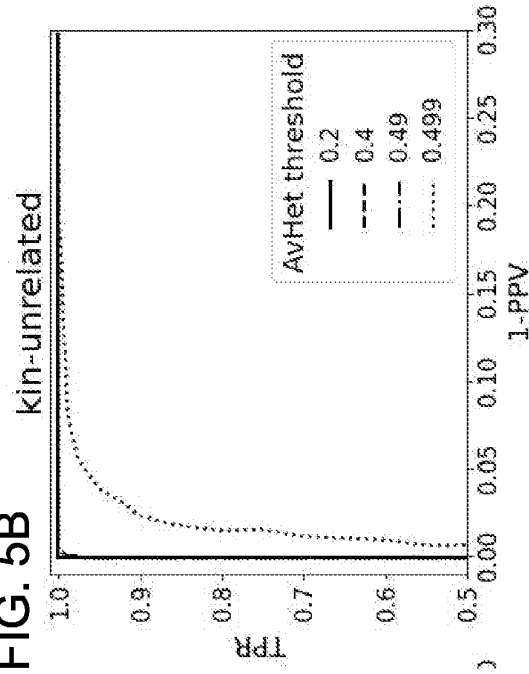


FIG. 5C

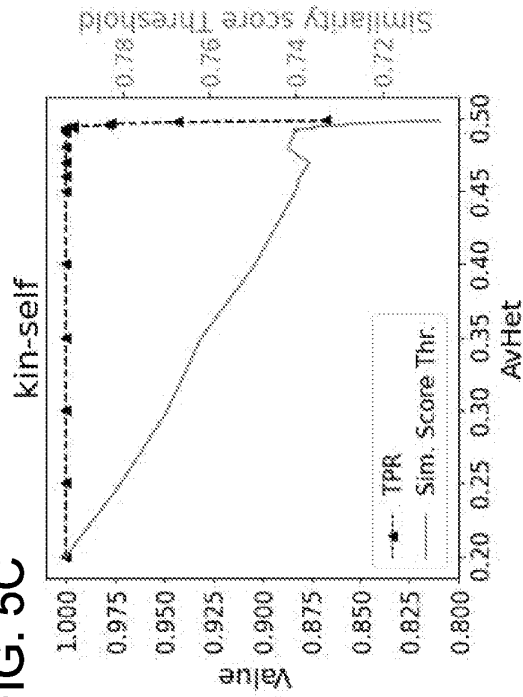
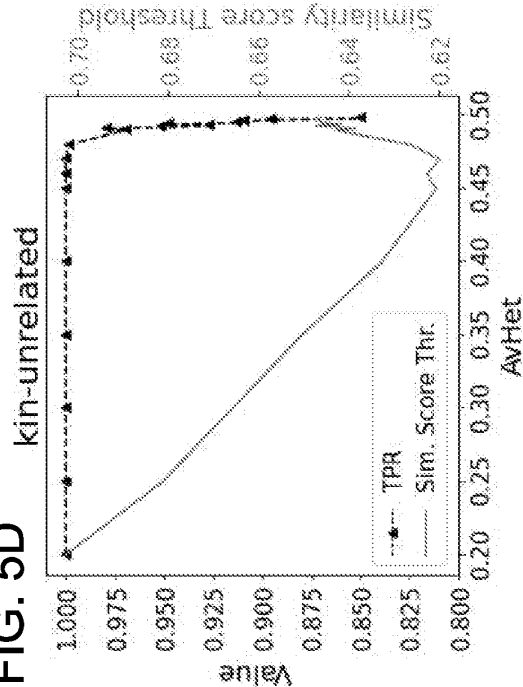
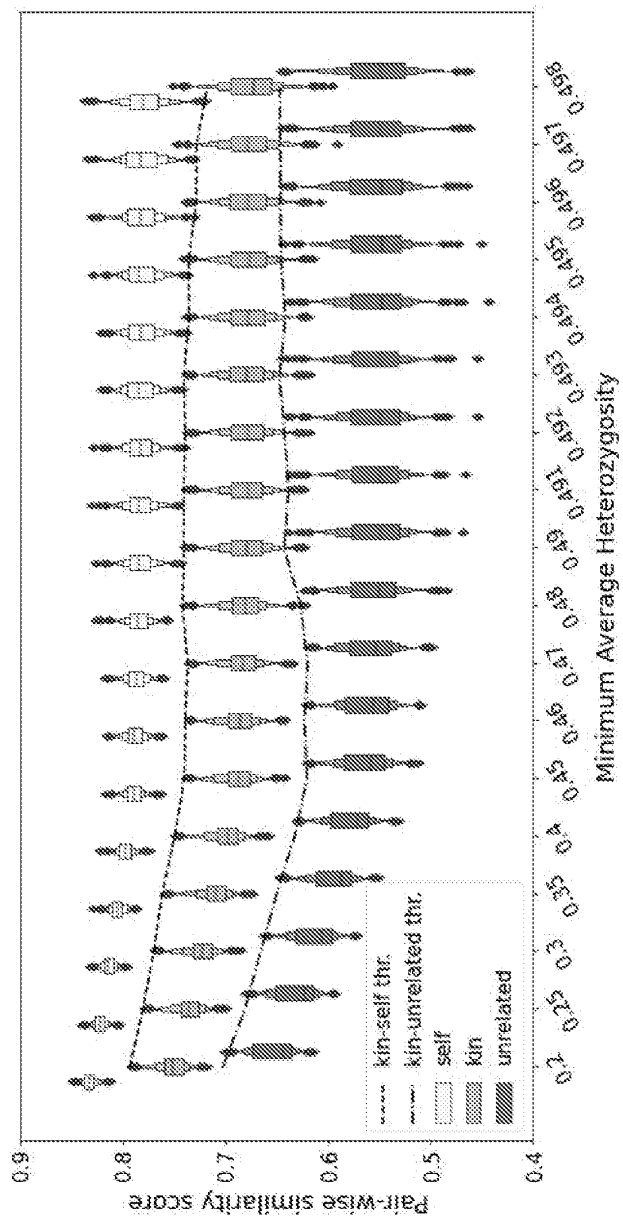


FIG. 5D





thresholds at different AvHet for which PPV > 0.999.

FIG. 6

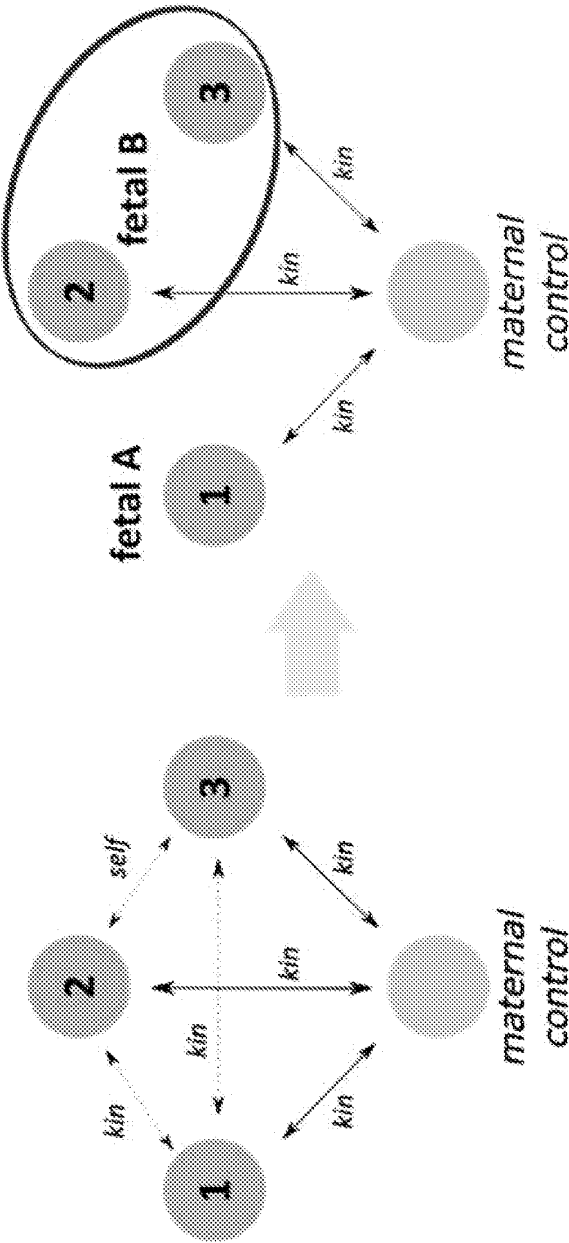


FIG. 7

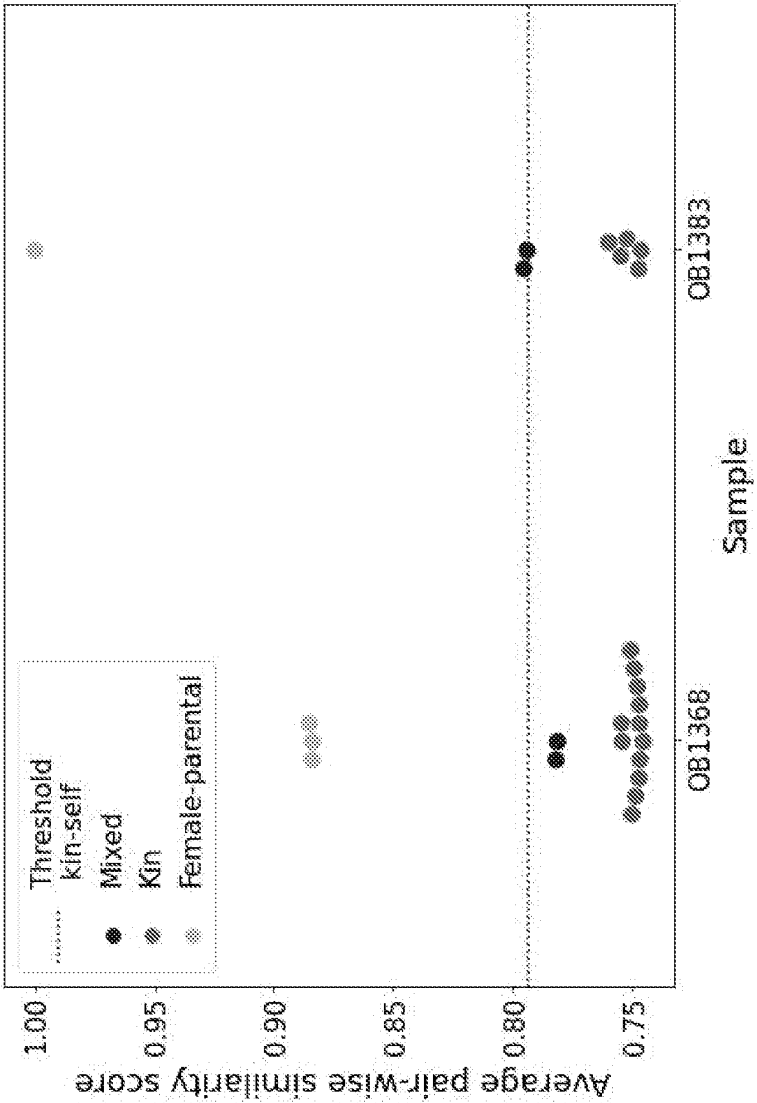


FIG. 8

FIG. 9C

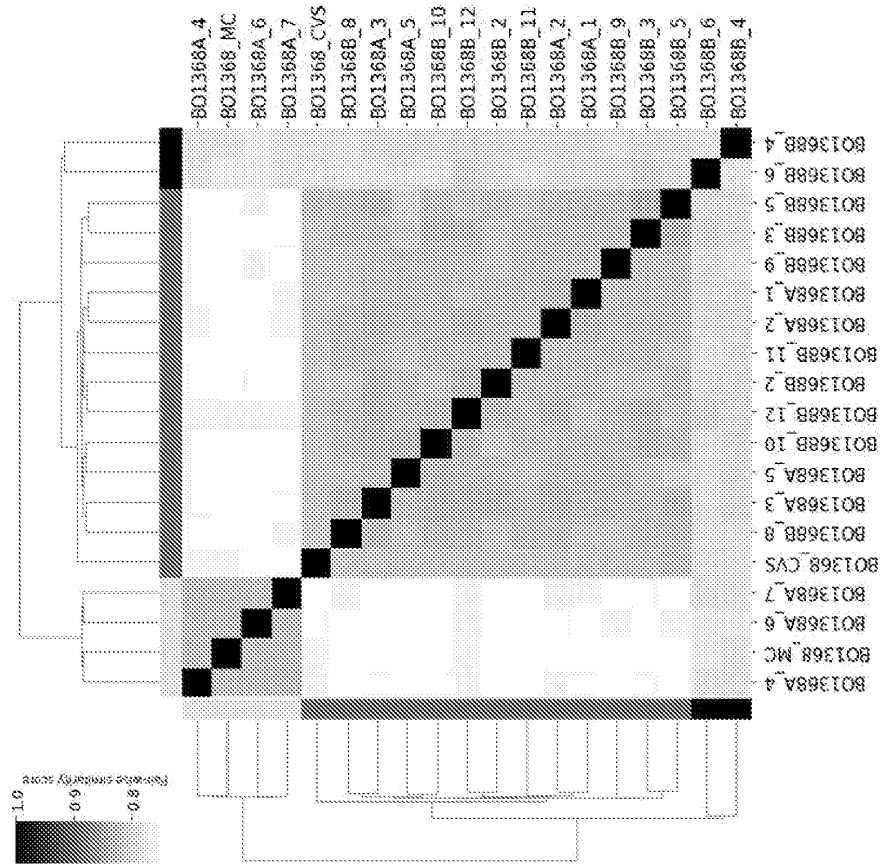


FIG. 9A

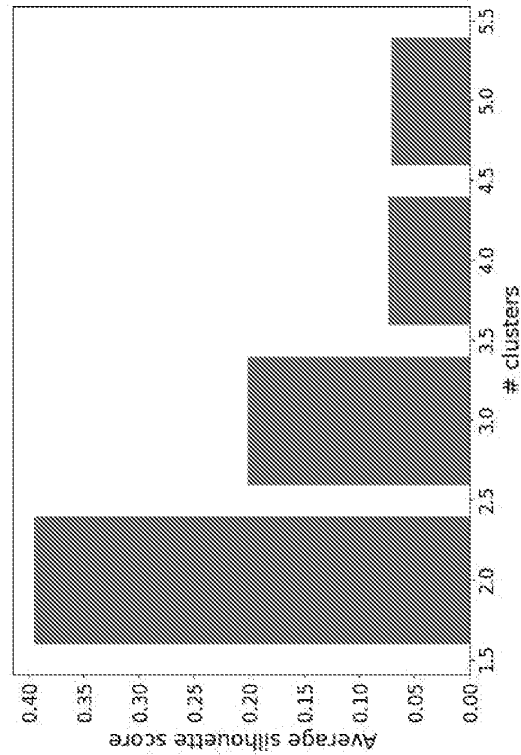


FIG. 9B

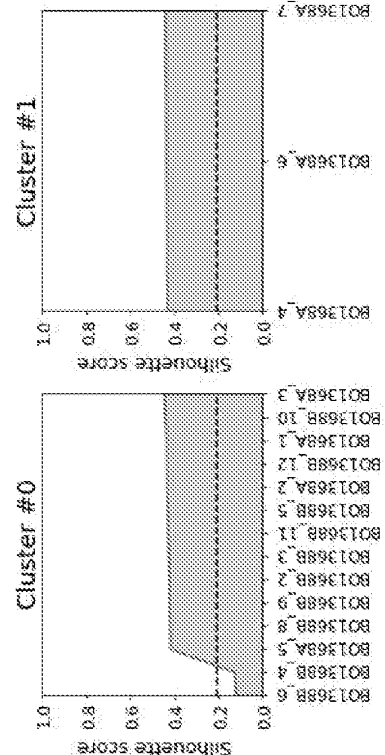


FIG. 10A

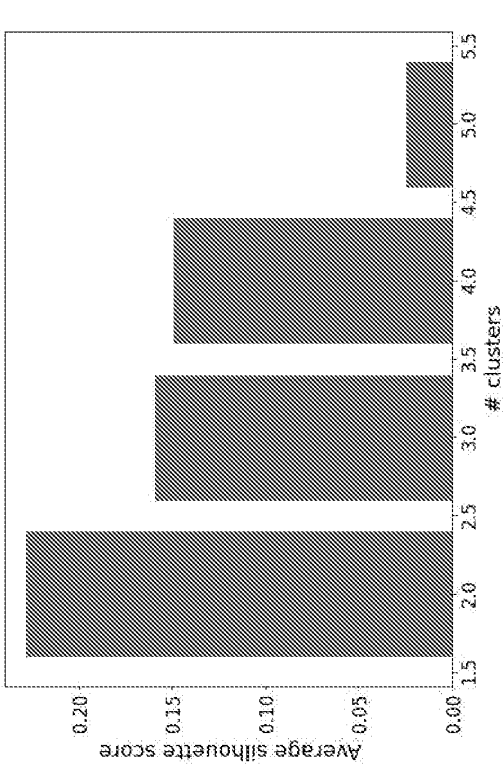
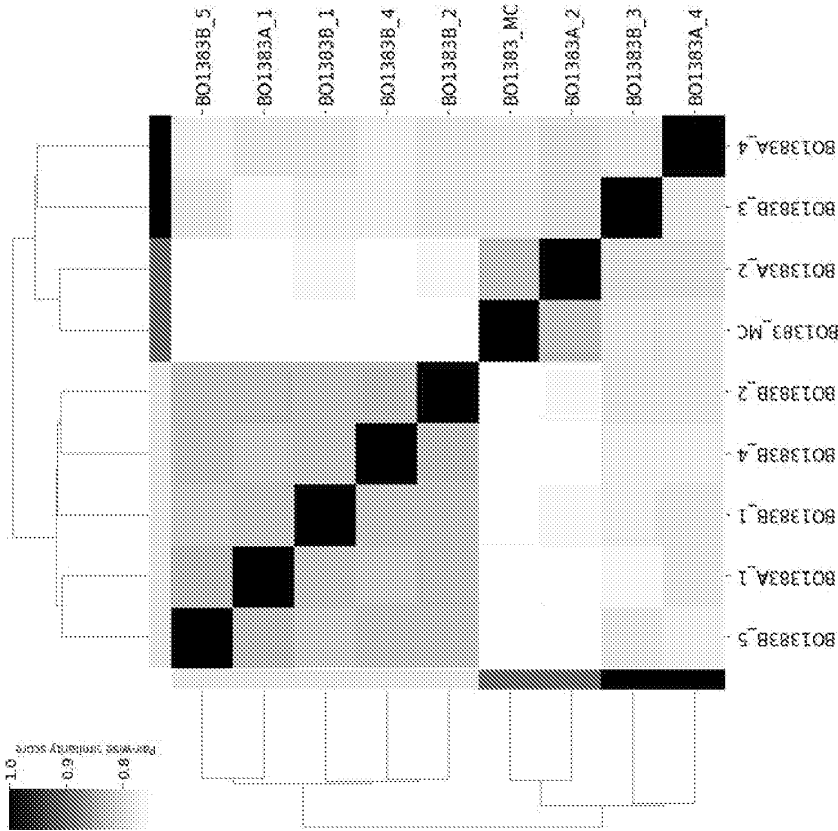
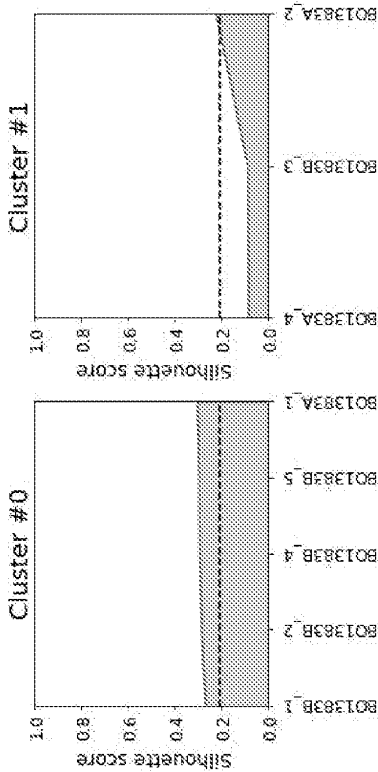


FIG. 10B



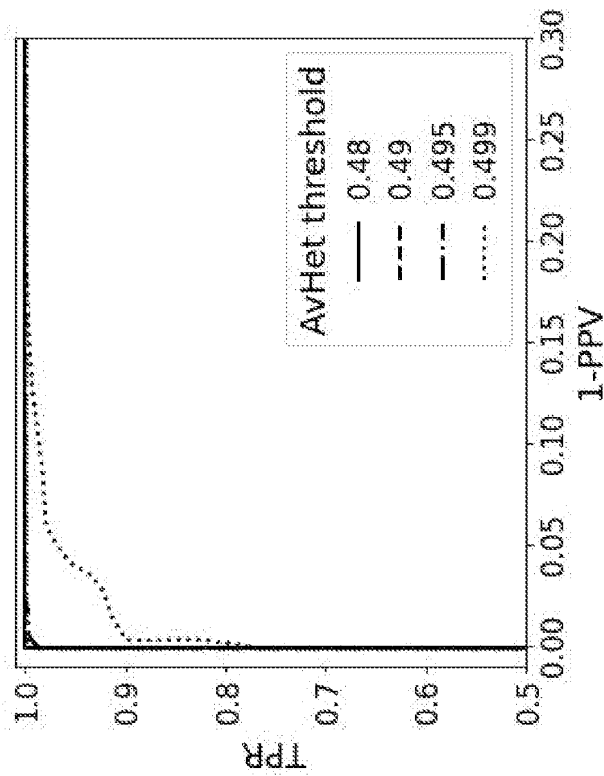
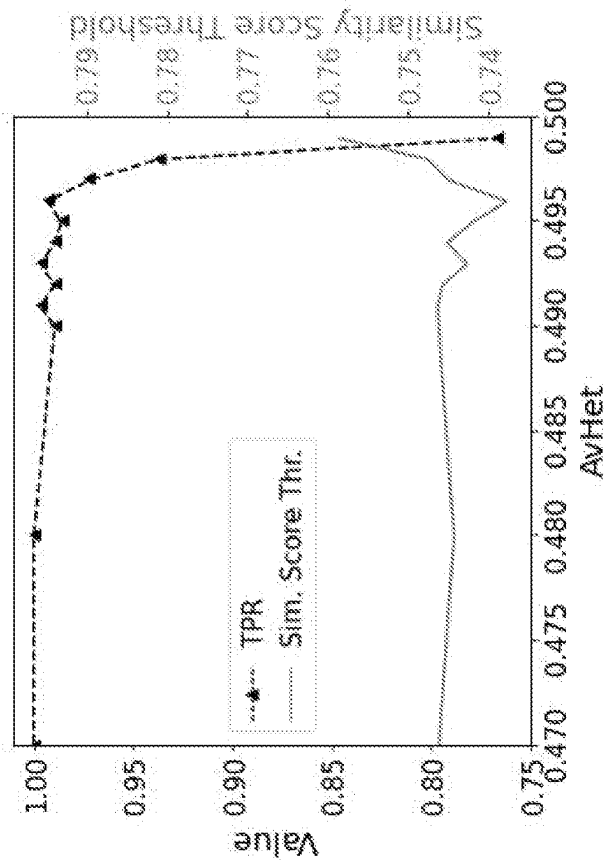


FIG. 11A



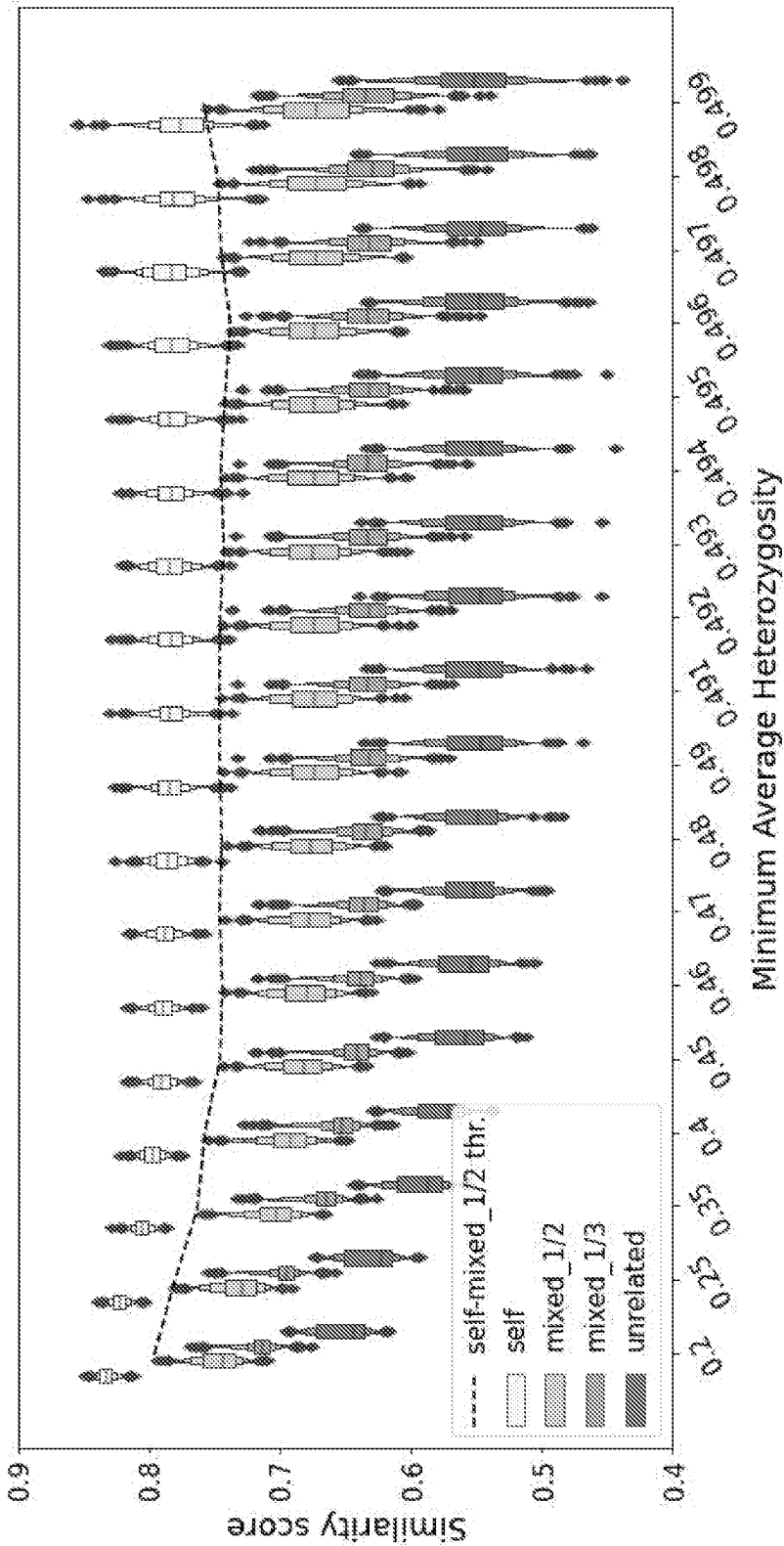


FIG. 12

FIG. 13C

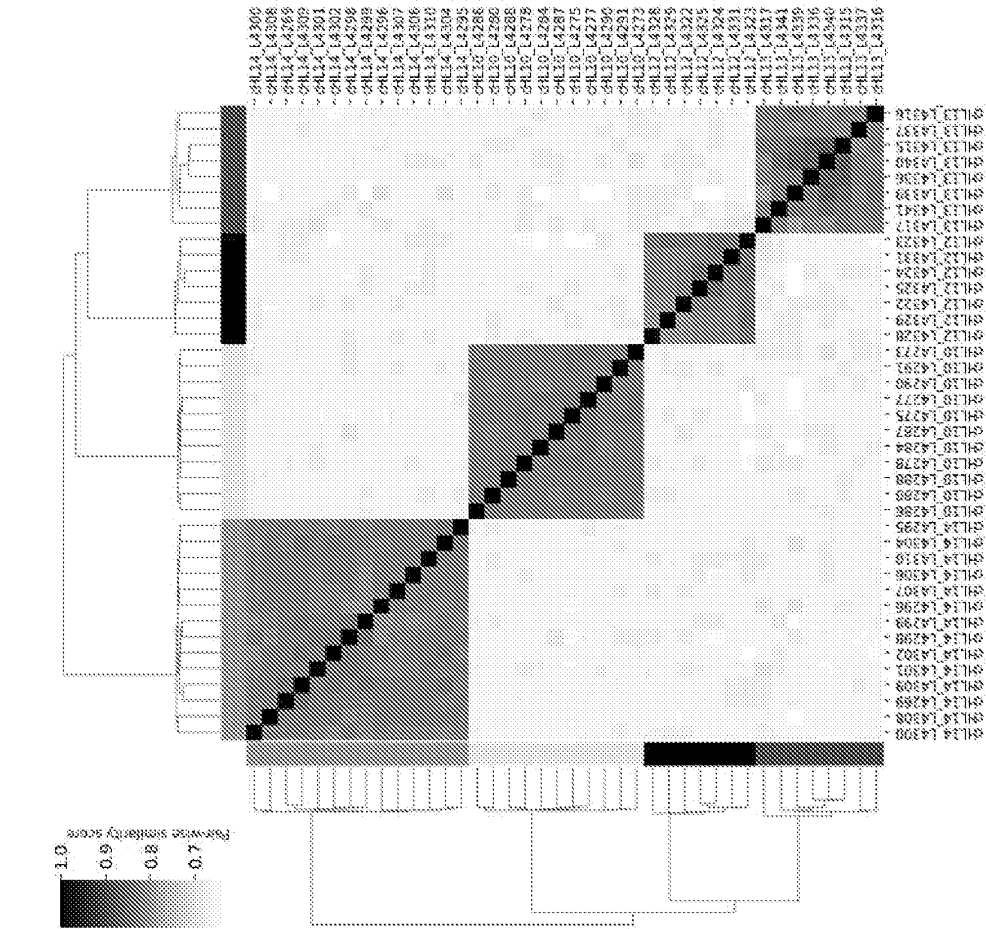


FIG. 13A

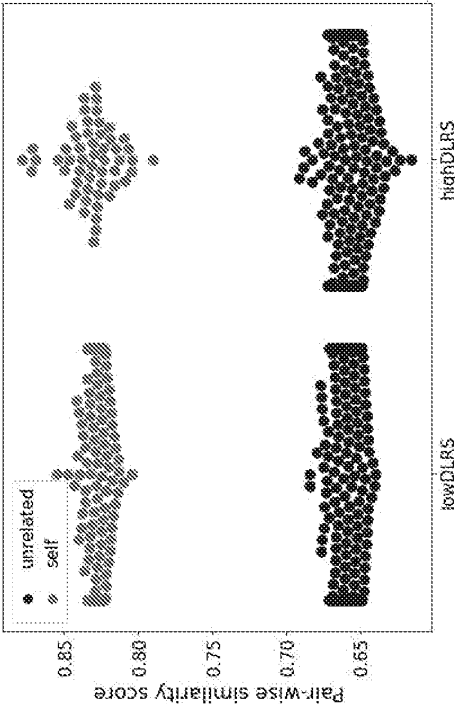
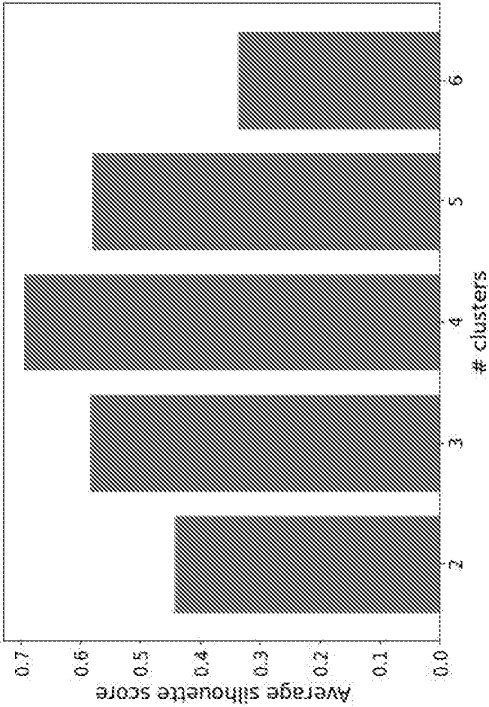


FIG. 13B



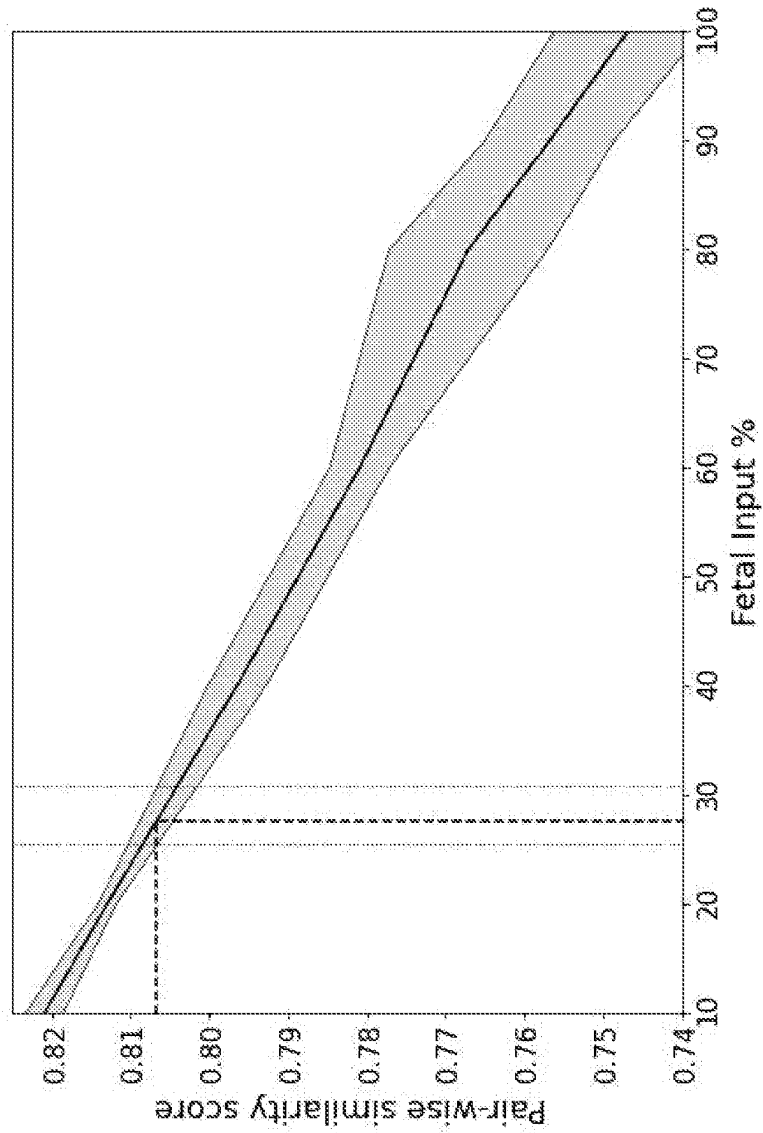


FIG. 14

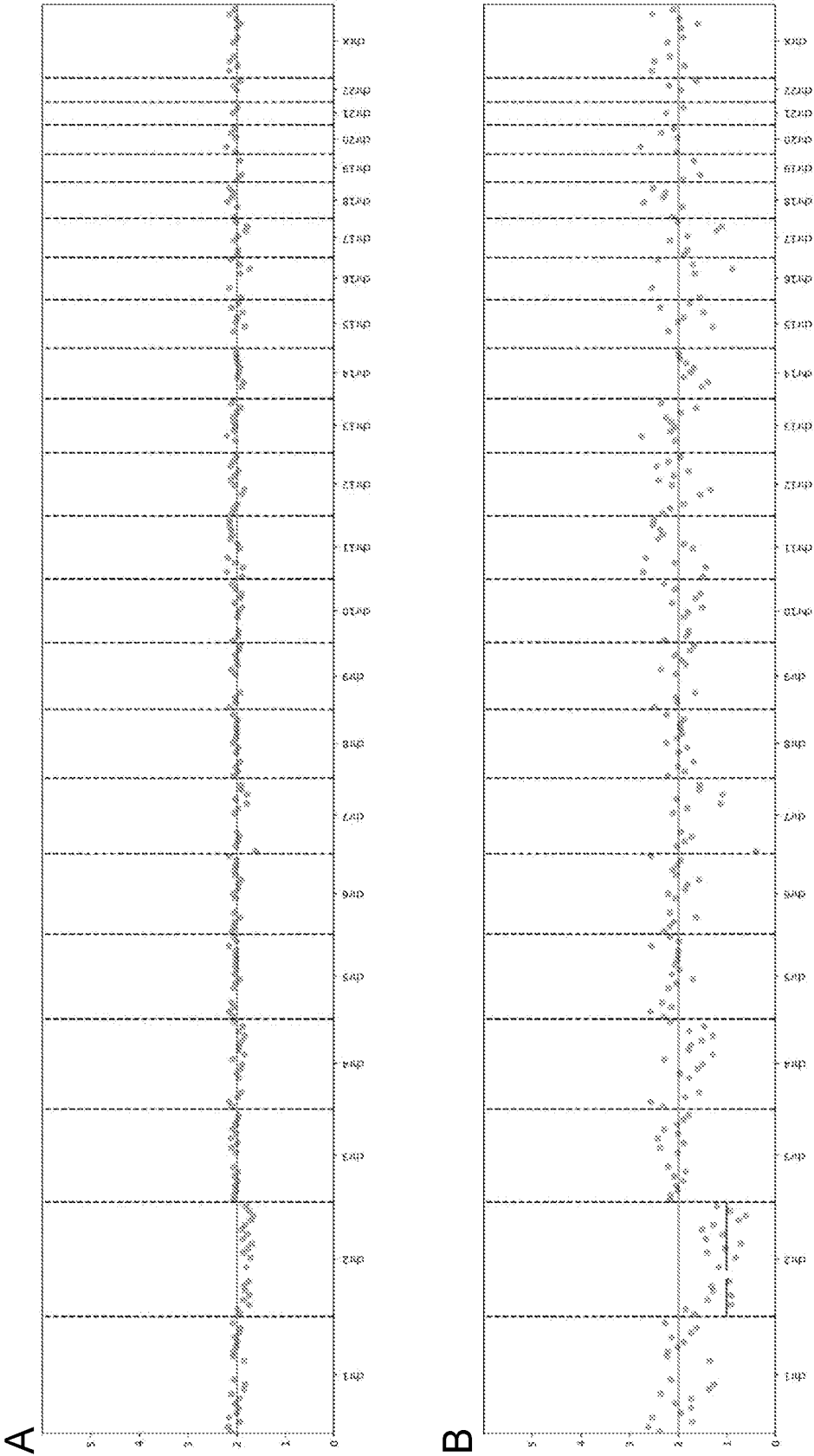


FIG. 15