

FIG. 1

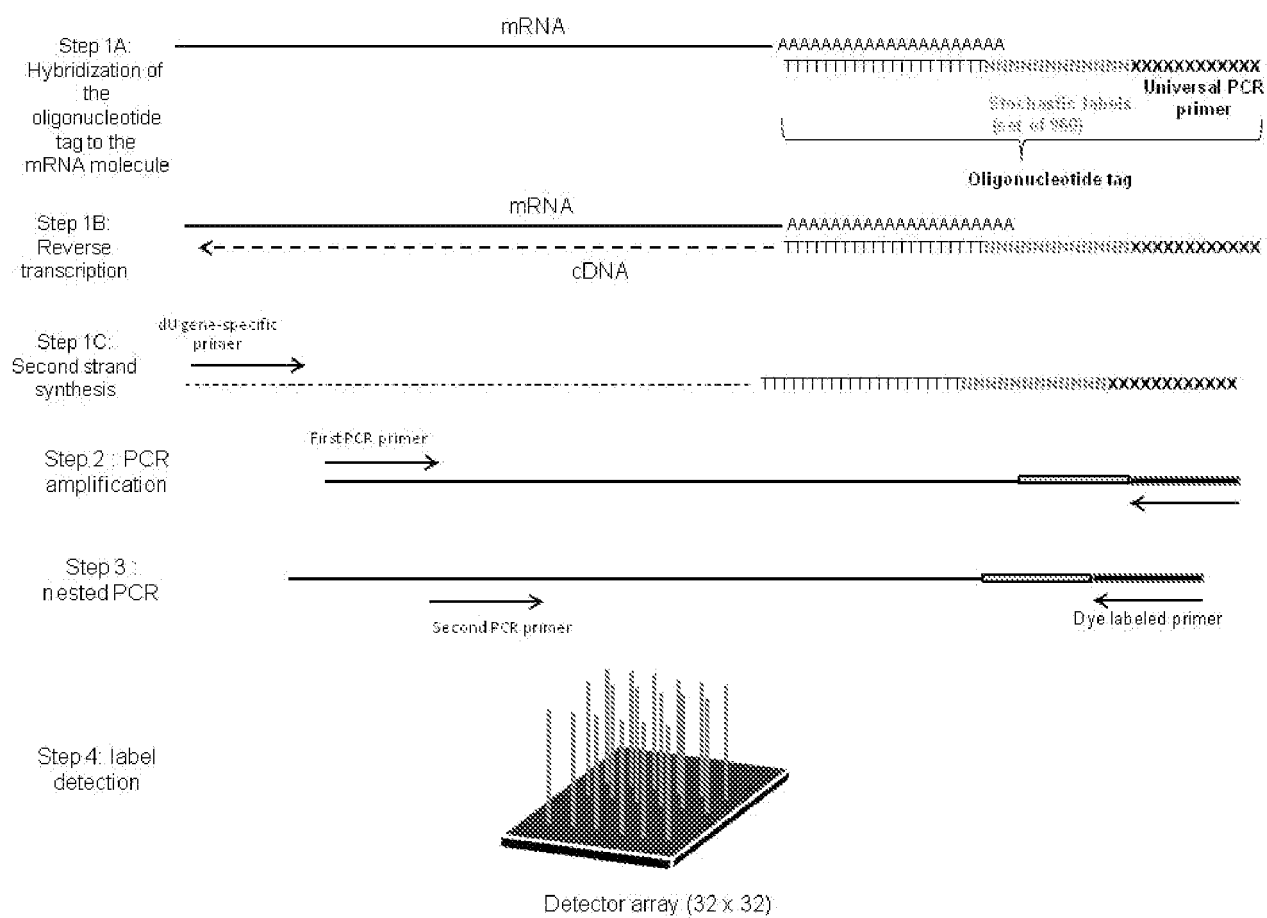
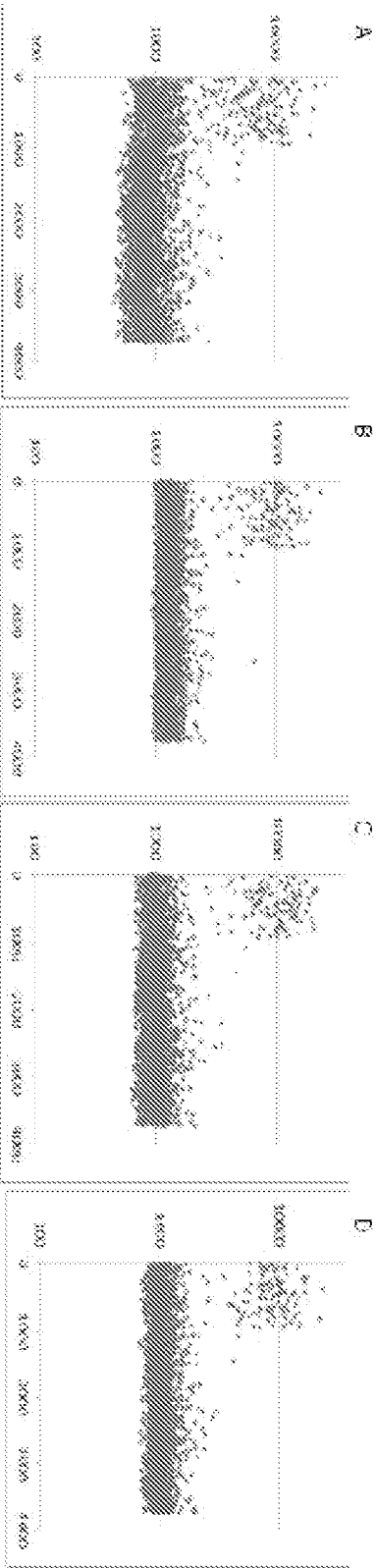


FIG. 2.



input = 170 molecule; k = 122, n = 130
background poly & molecule

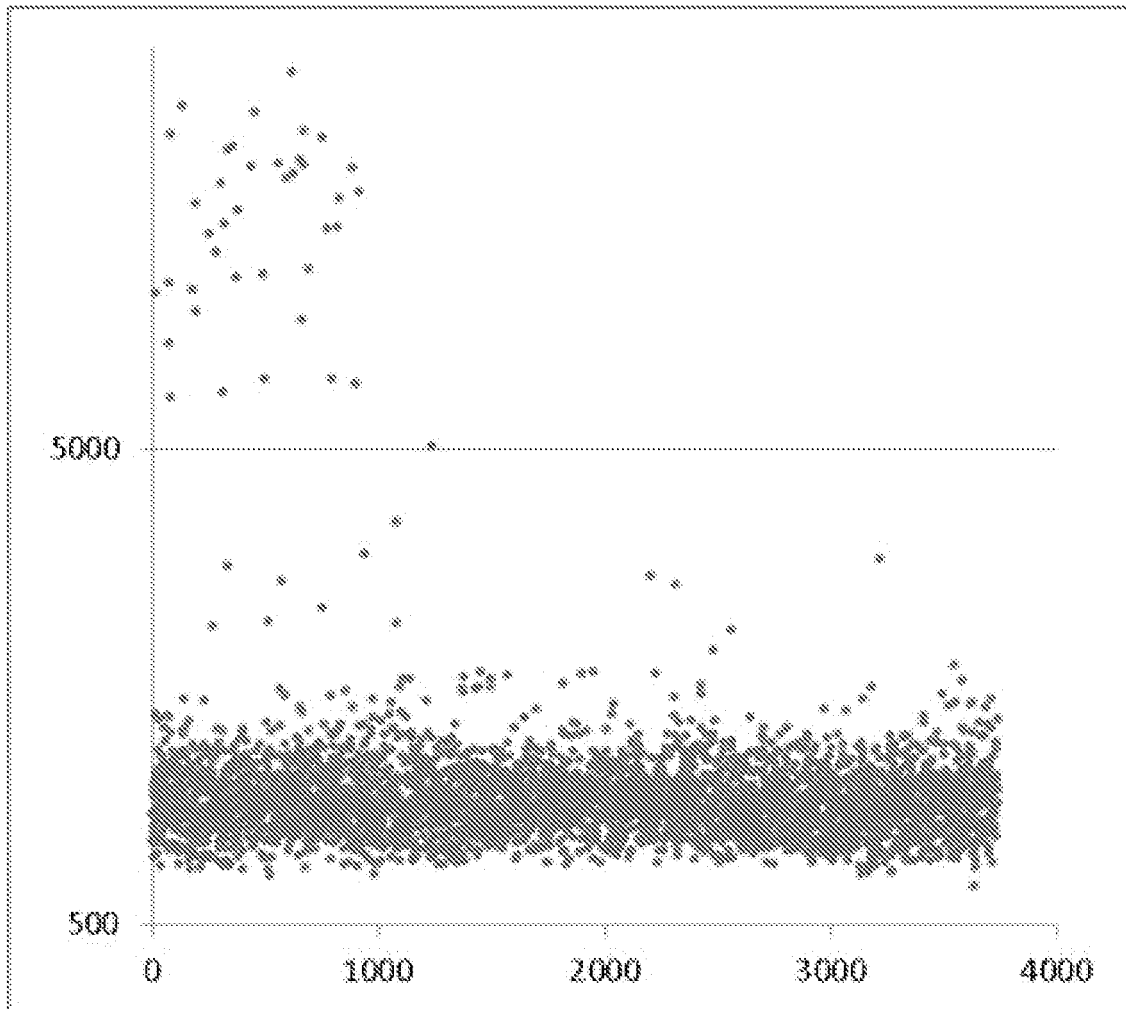
input = 173 molecule; k = 116, n = 124
background poly & molecule

input = 170 molecule; k = 109, n = 114
background poly & molecule

input = 178 molecule; k = 115, n = 122
poly & molecule

k is a count of the number of labels detected (as bright spots), and n is the number of RNA molecules measured based on k

FIG. 3.



Input = 188 molecules

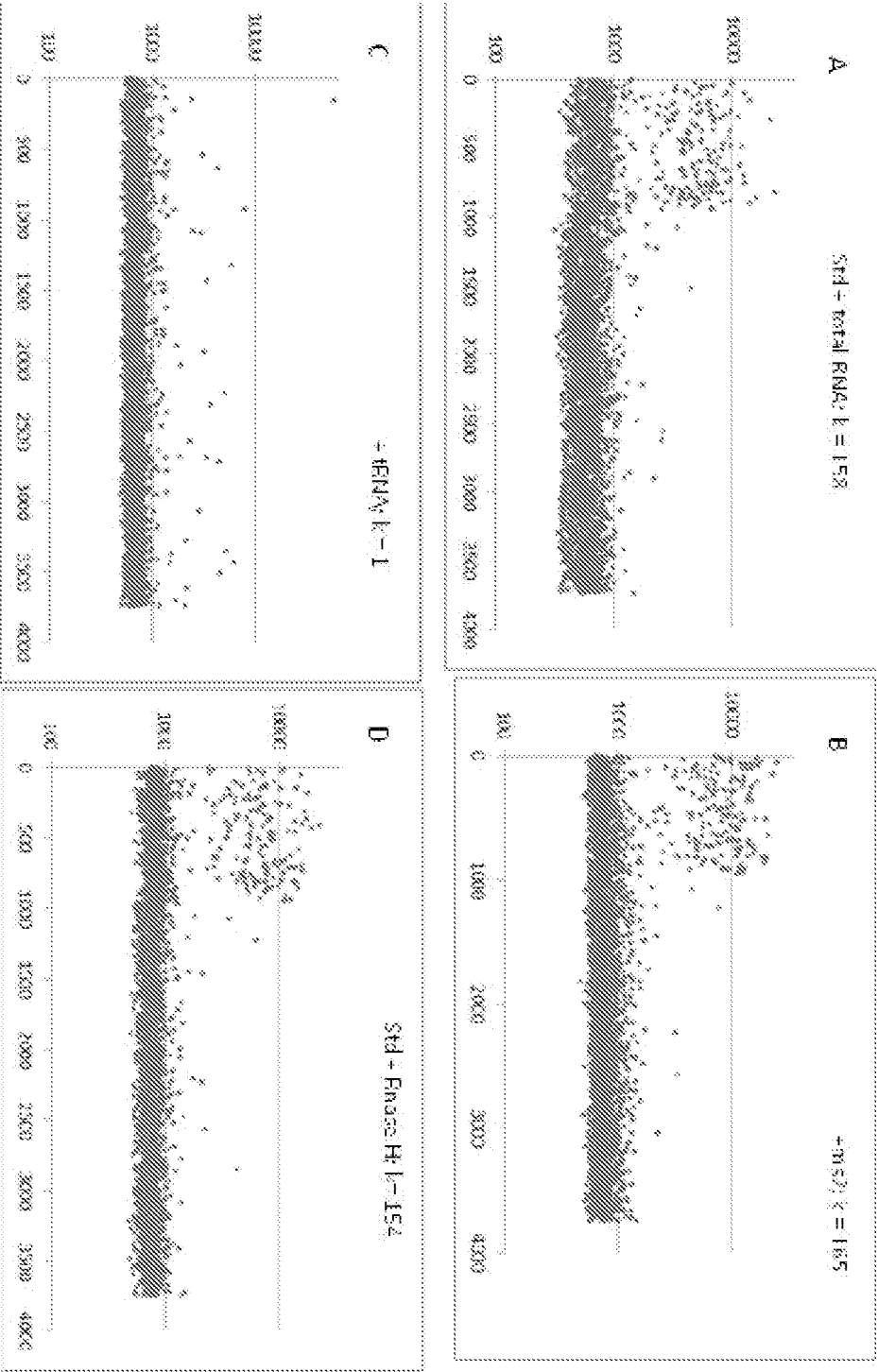


FIG. 4

FIG. 5.

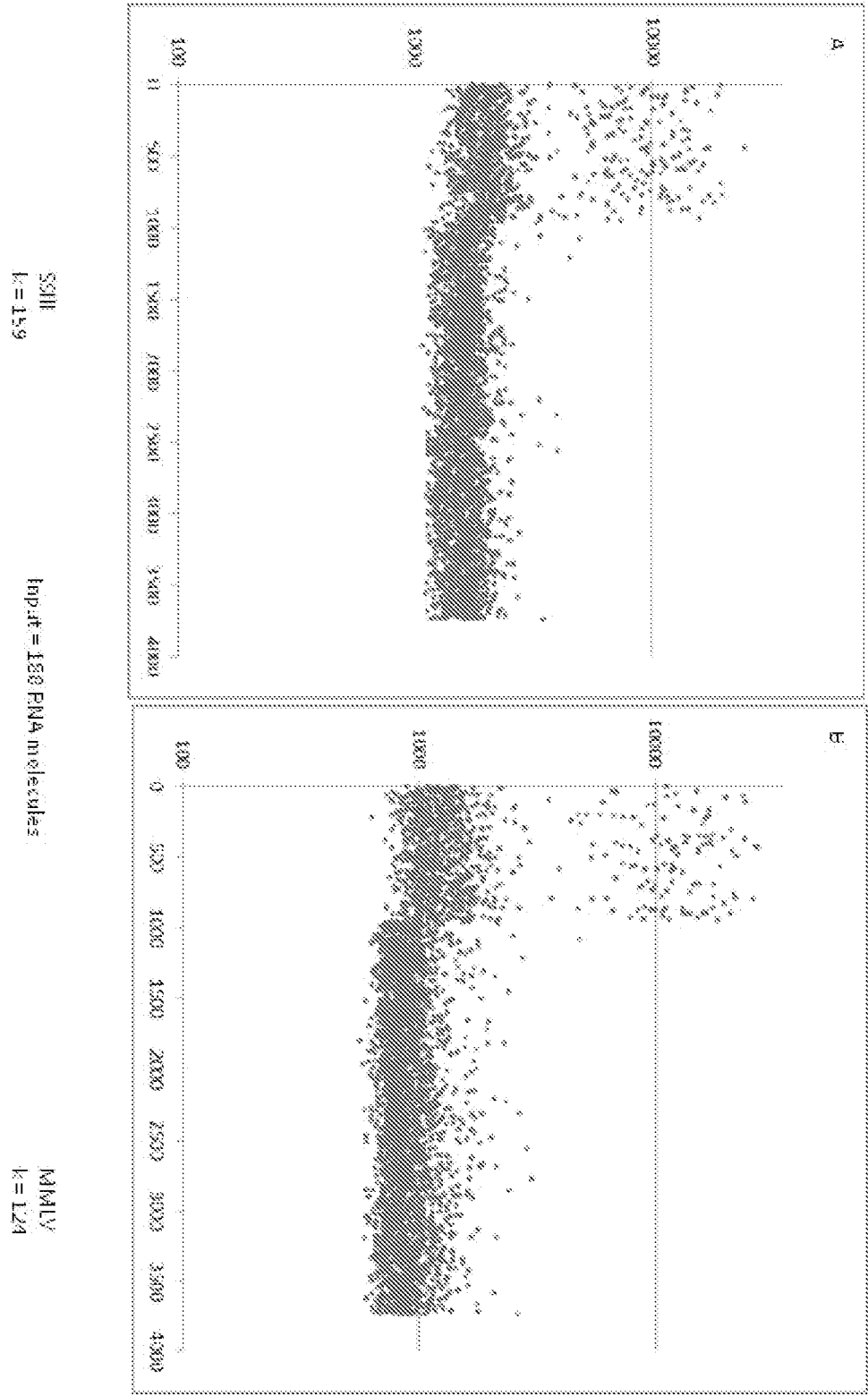


FIG. 6.

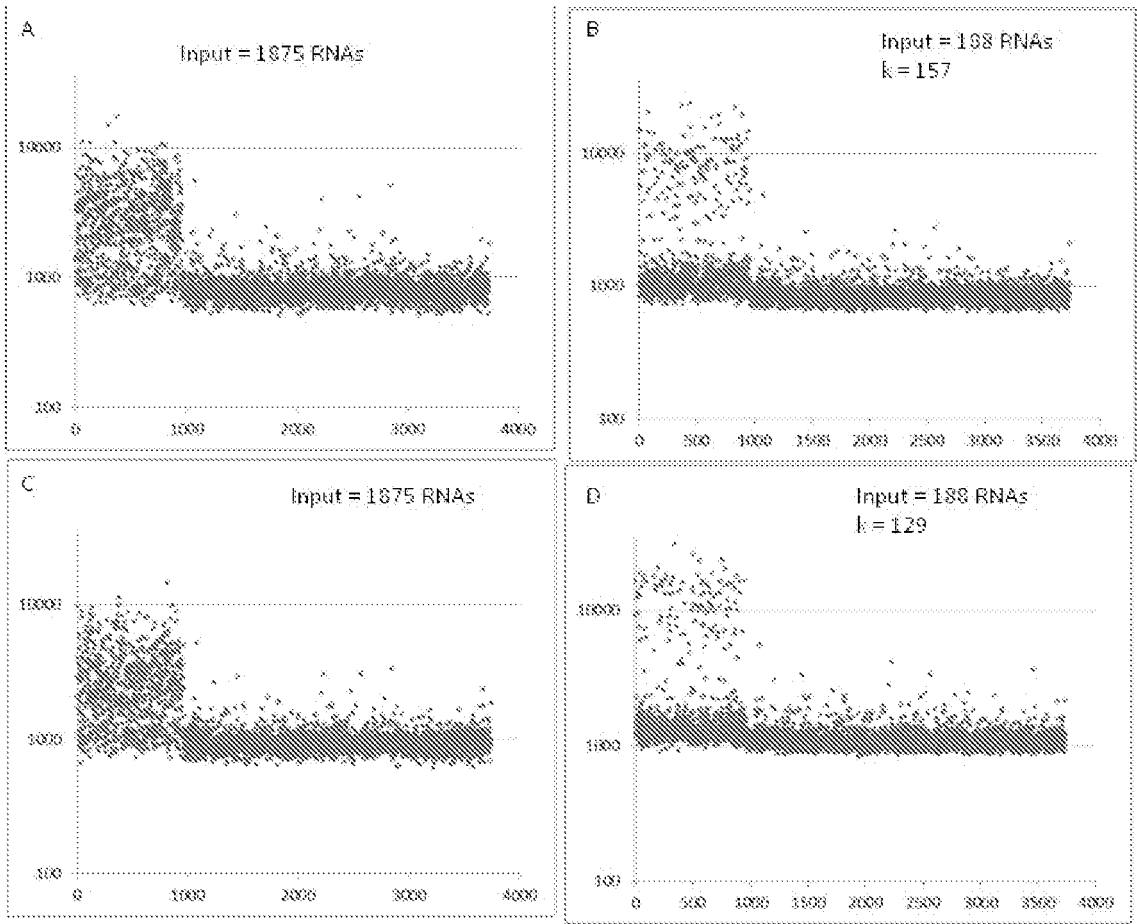


FIG. 7.

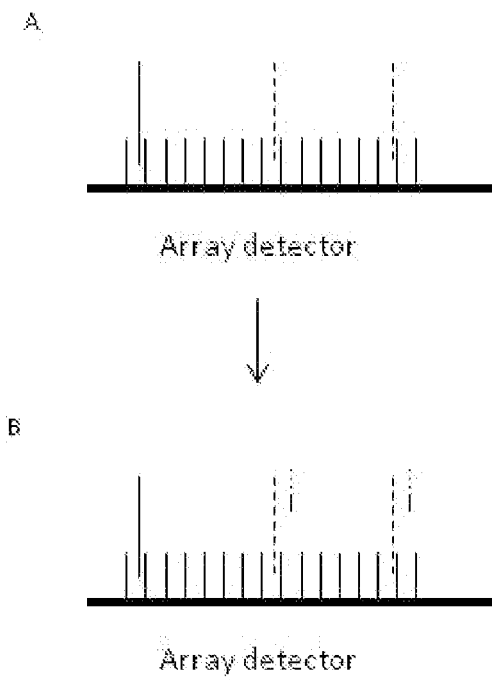


FIG. 8.

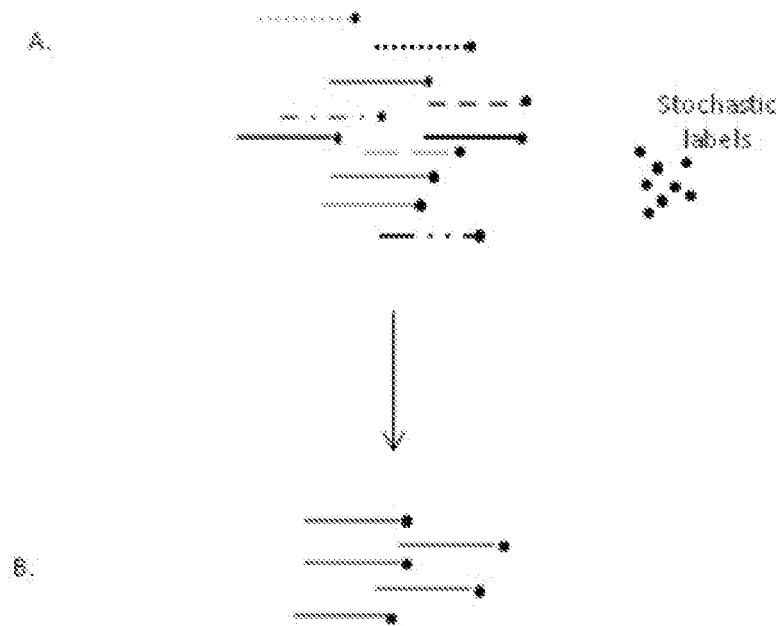


FIG. 9

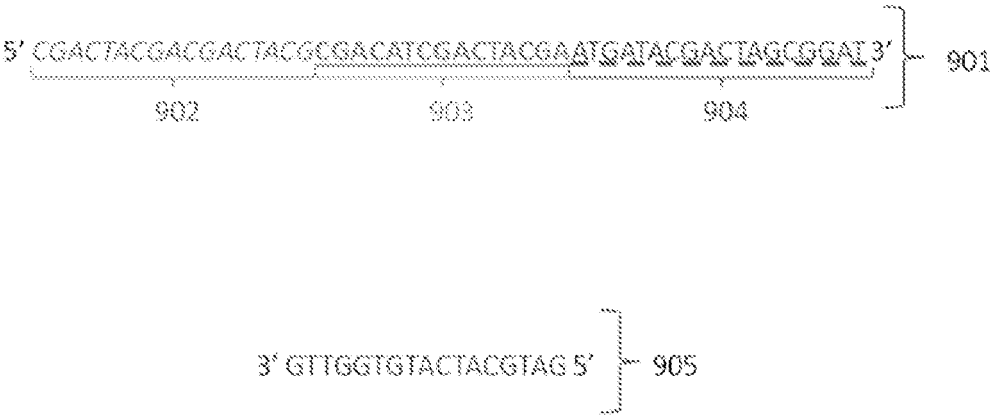
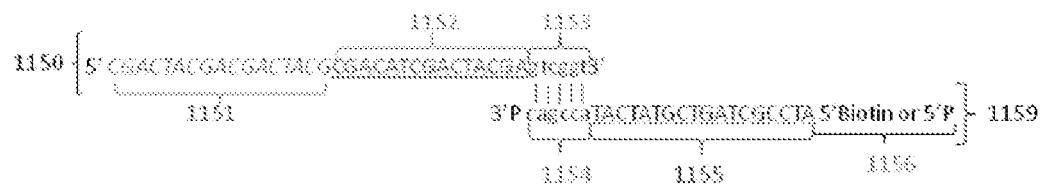


FIG. 11B



FIG. 11C



Step 1

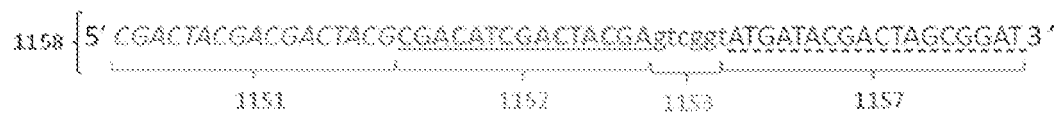
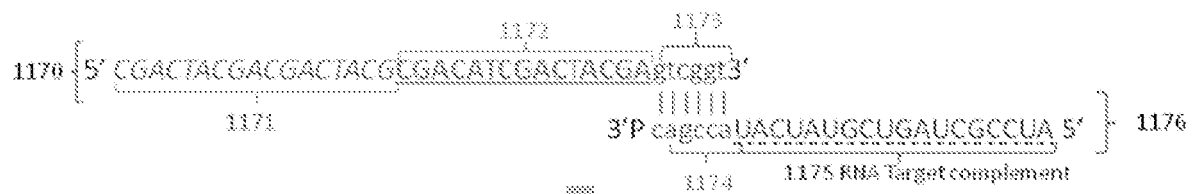


FIG. 11D



Step 1 Reverse Transcriptase

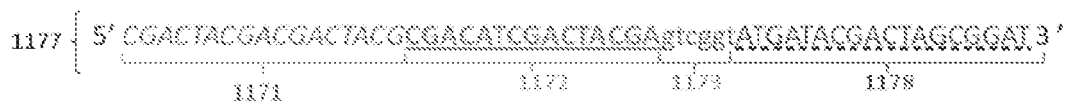


FIG. 12

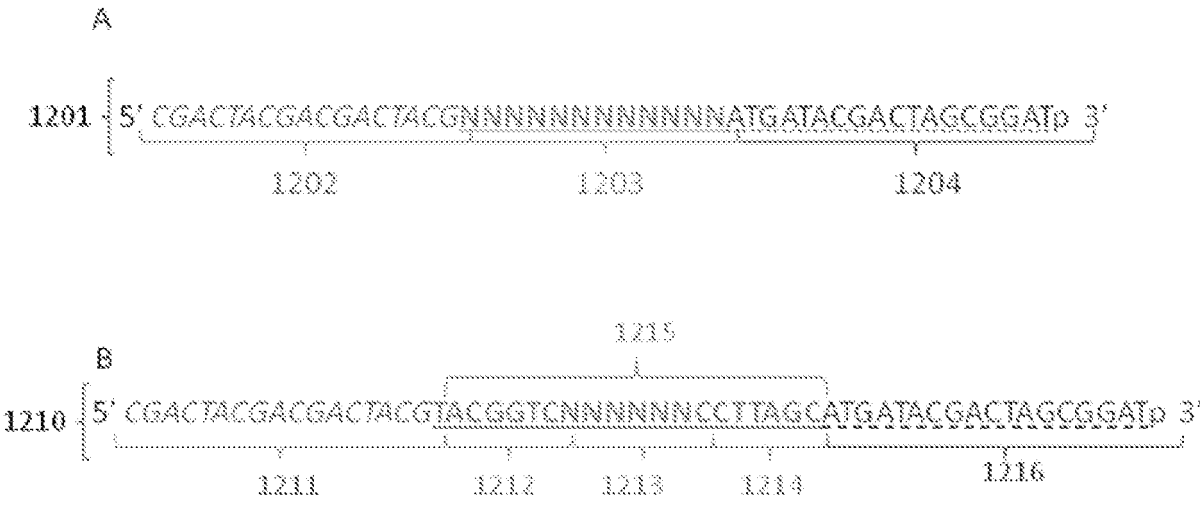


FIG. 13

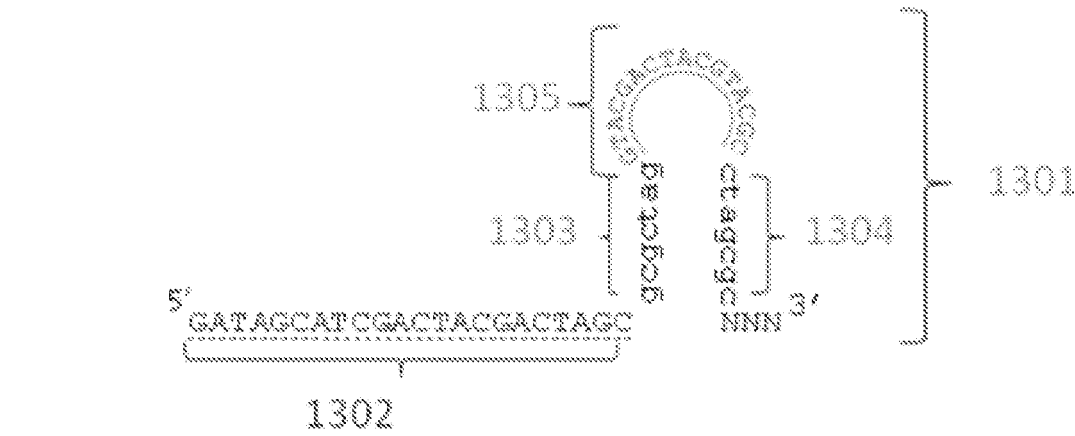
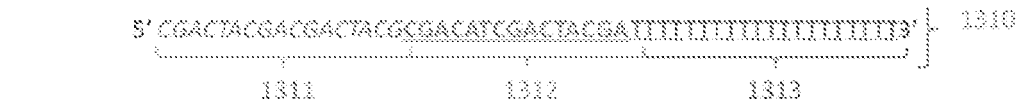


FIG. 14

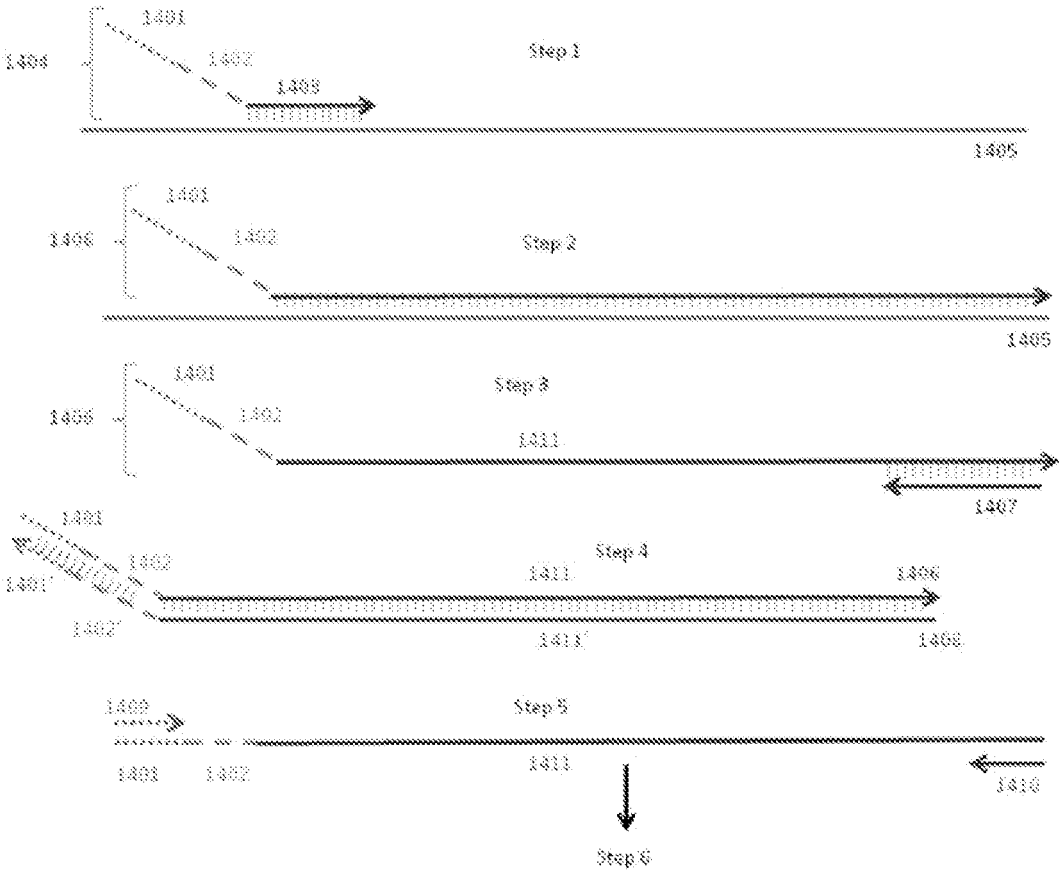


FIG. 15

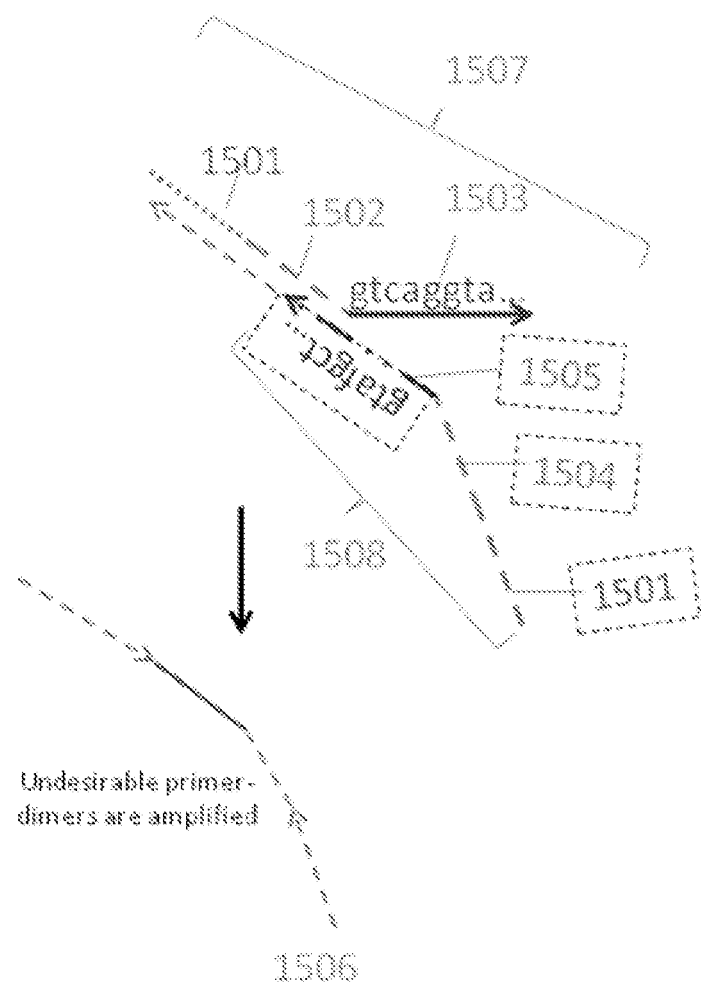


FIG. 16

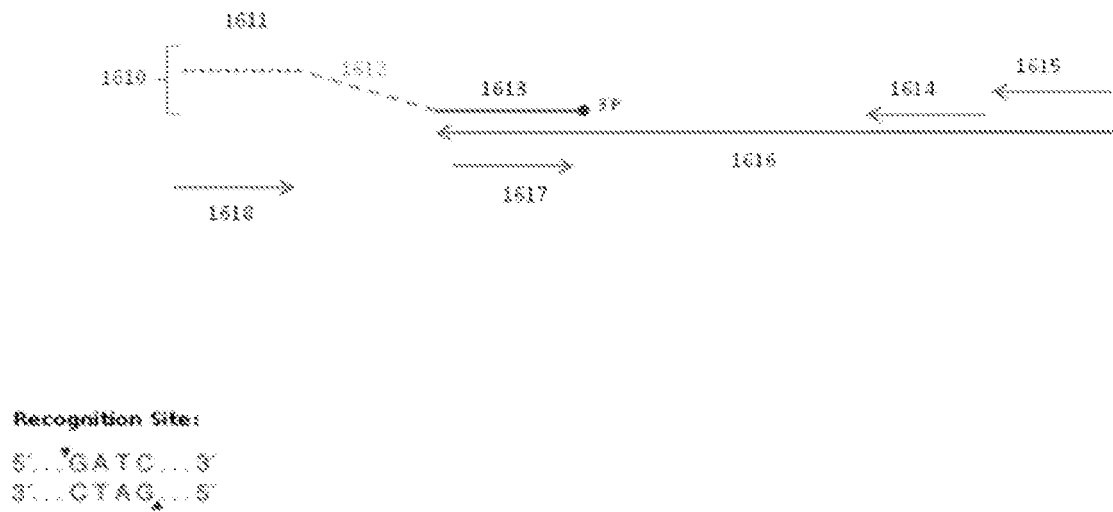


FIG. 17

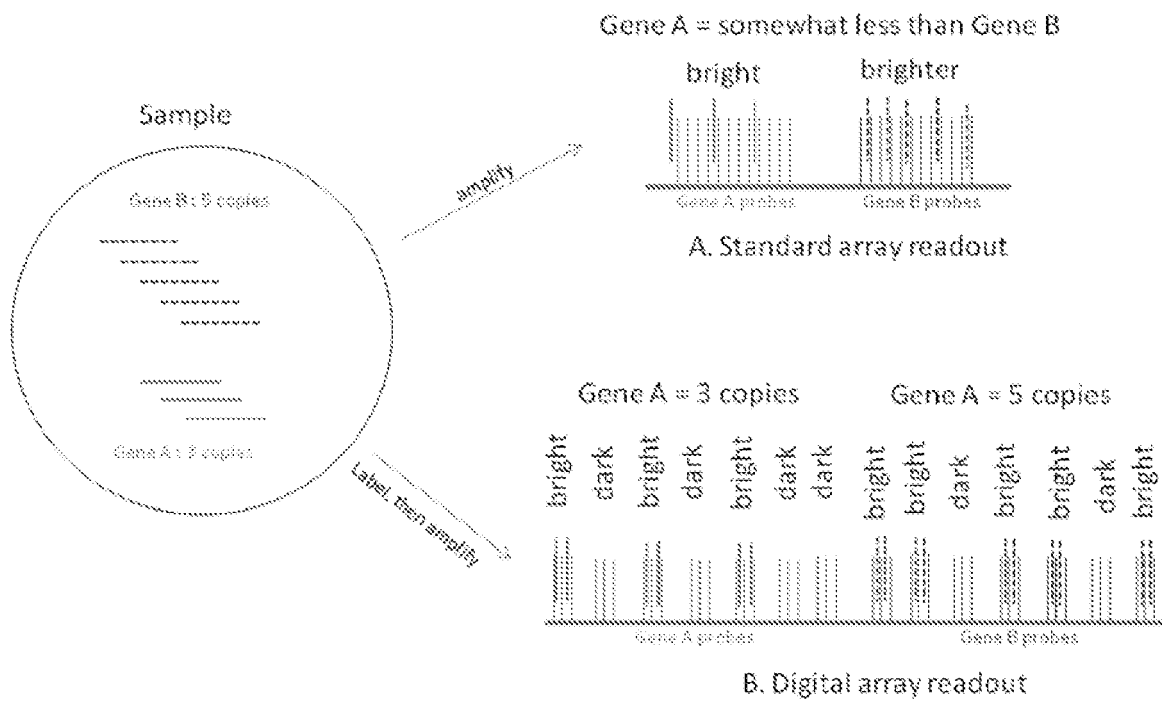


FIG. 18

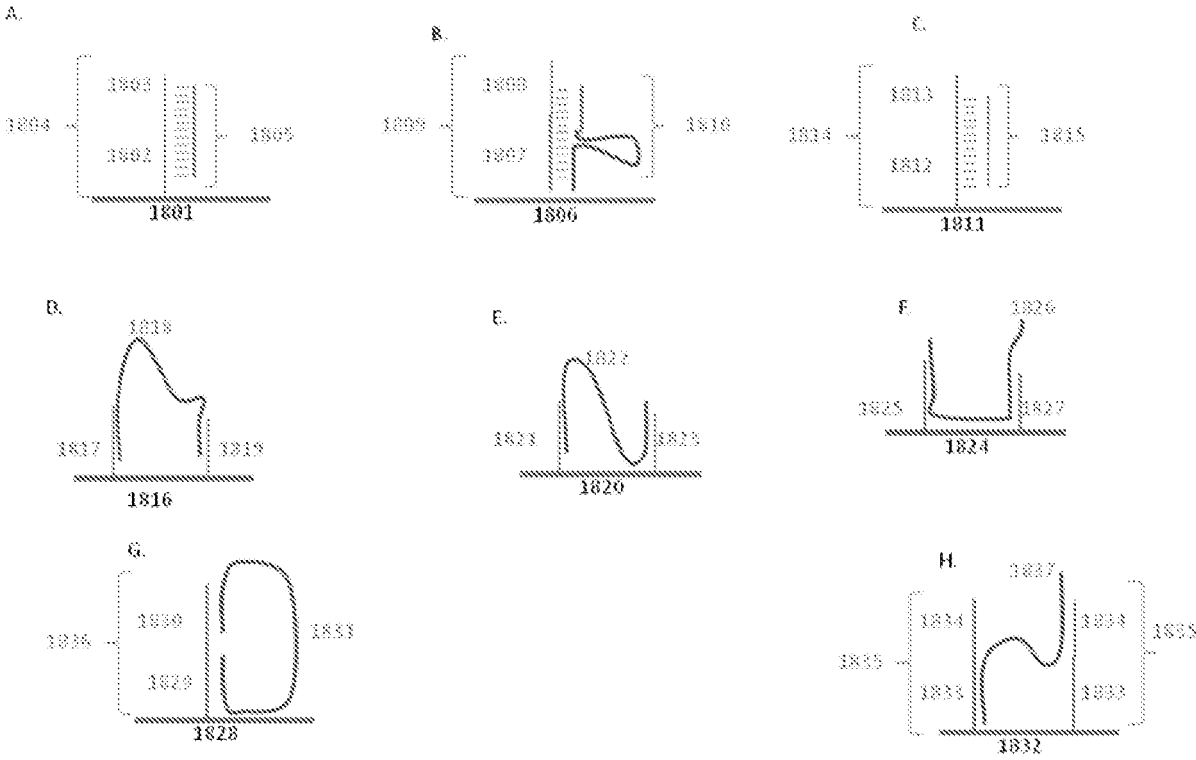


FIG. 19

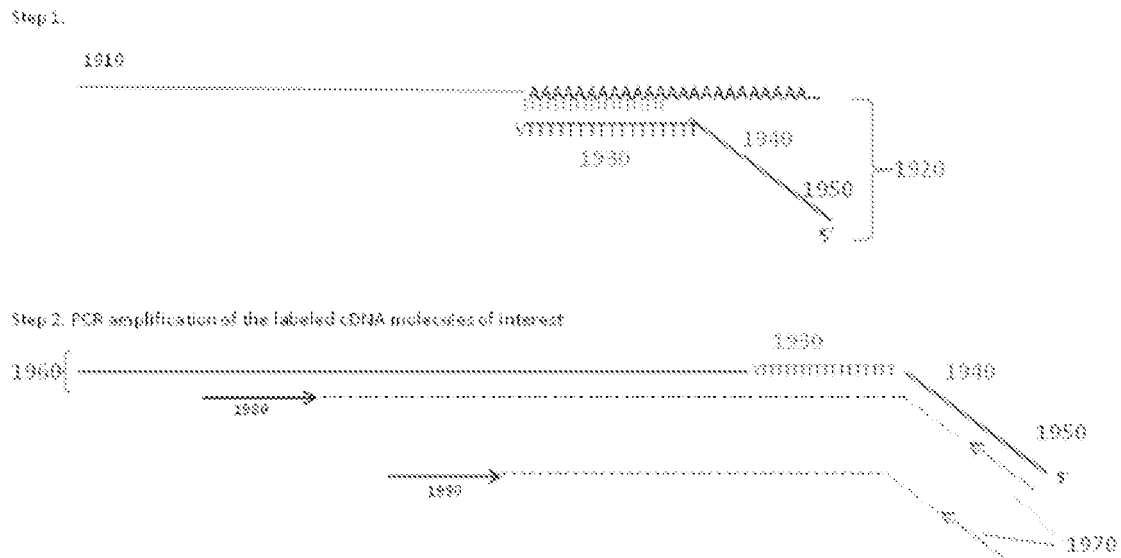


FIG. 20

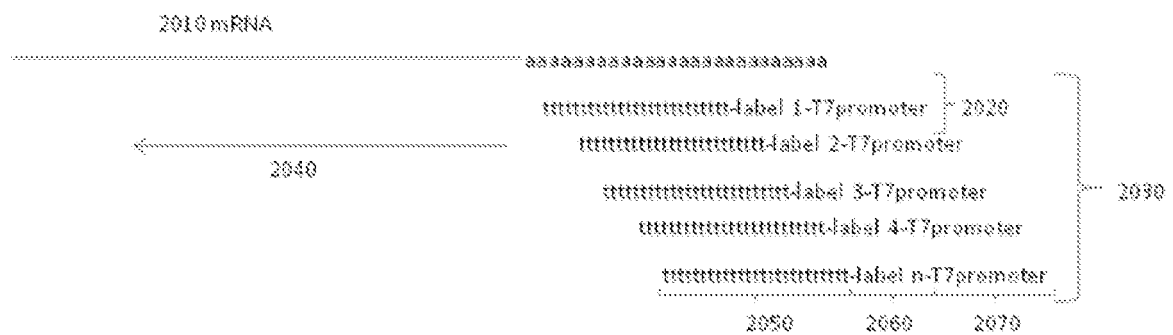


FIG. 21

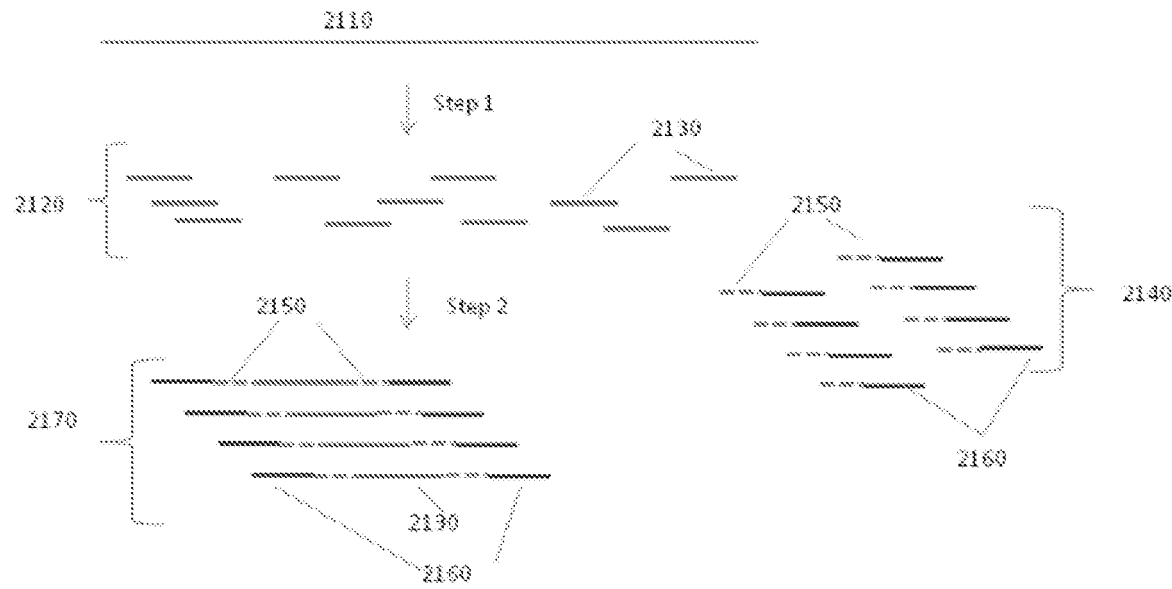


FIG. 22

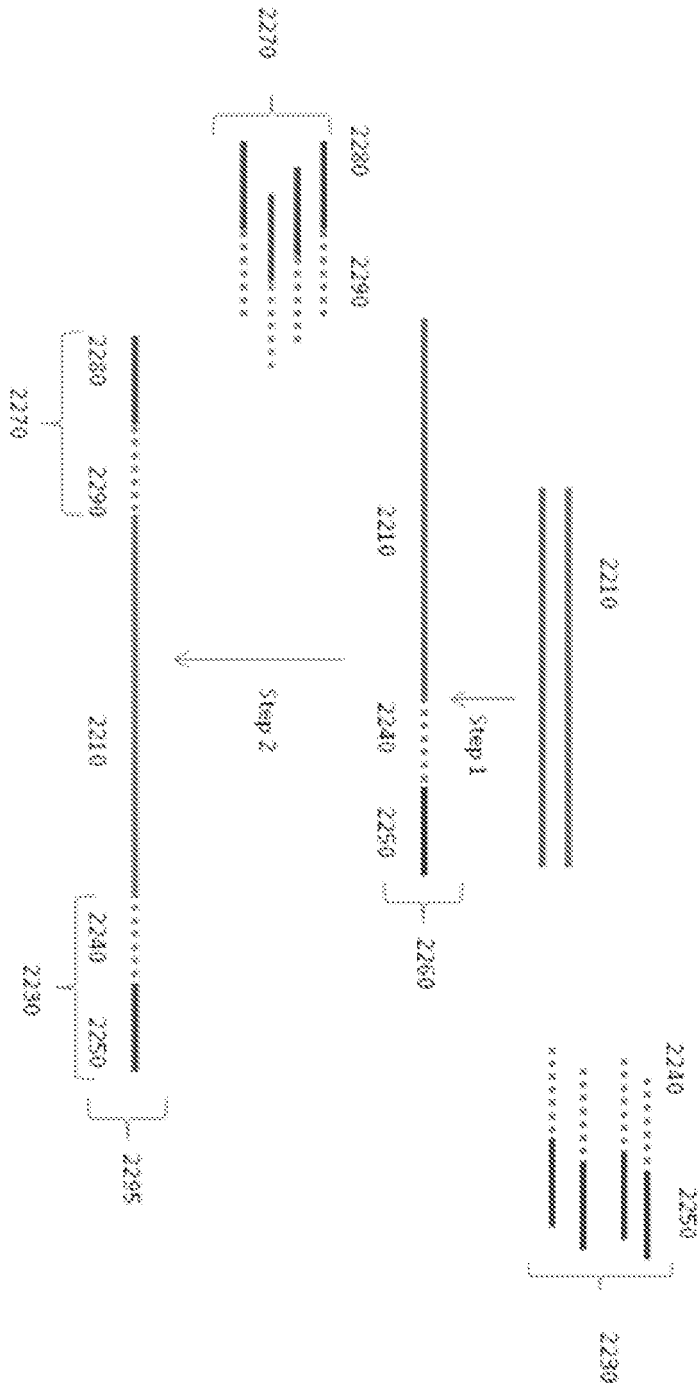


FIG. 23A

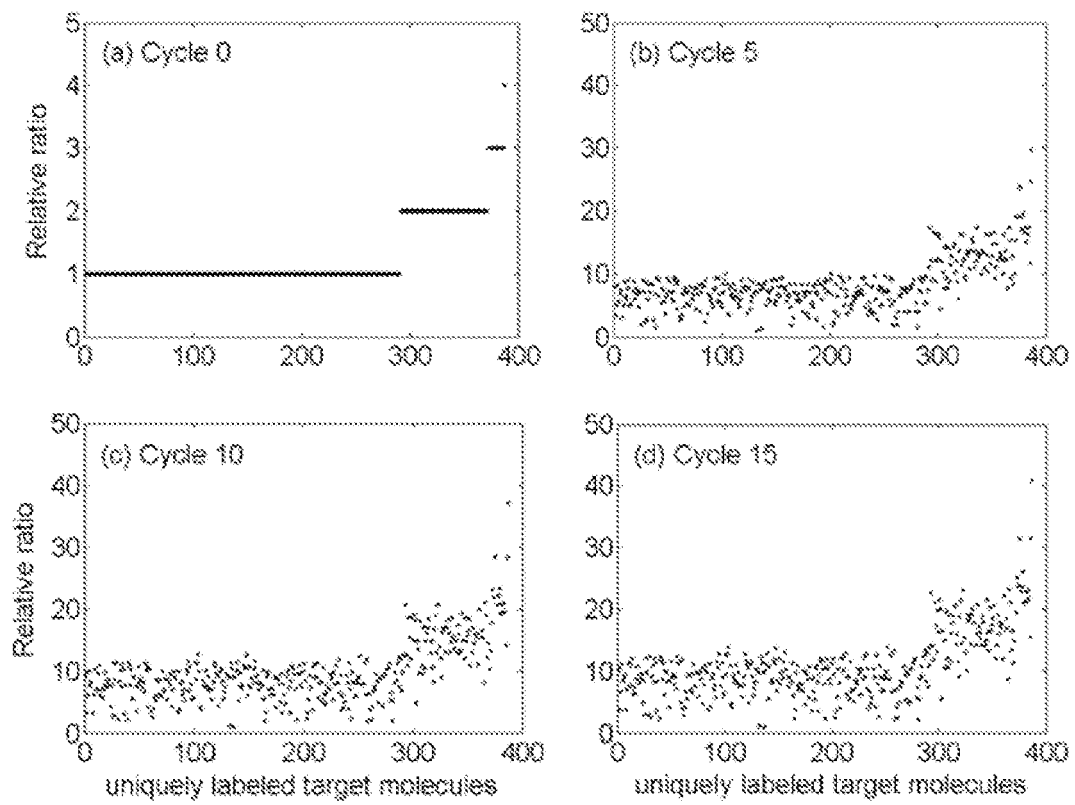


FIG. 23B

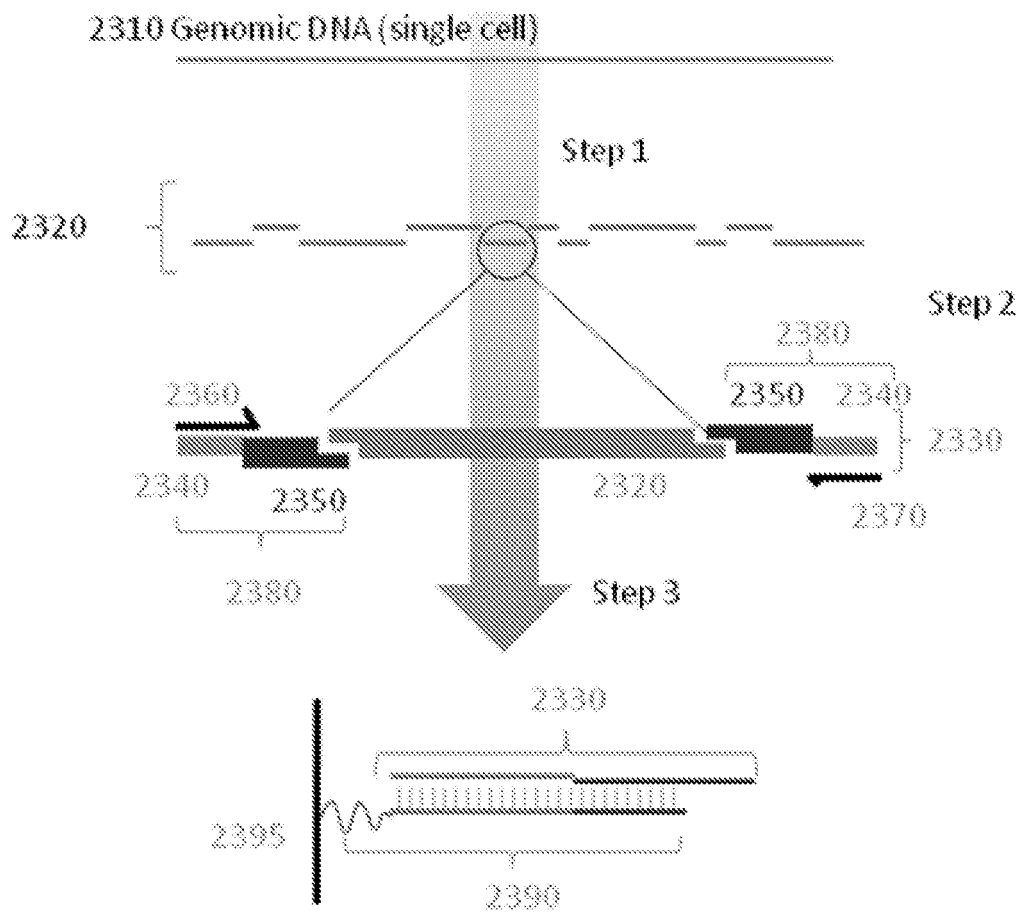


FIG. 24

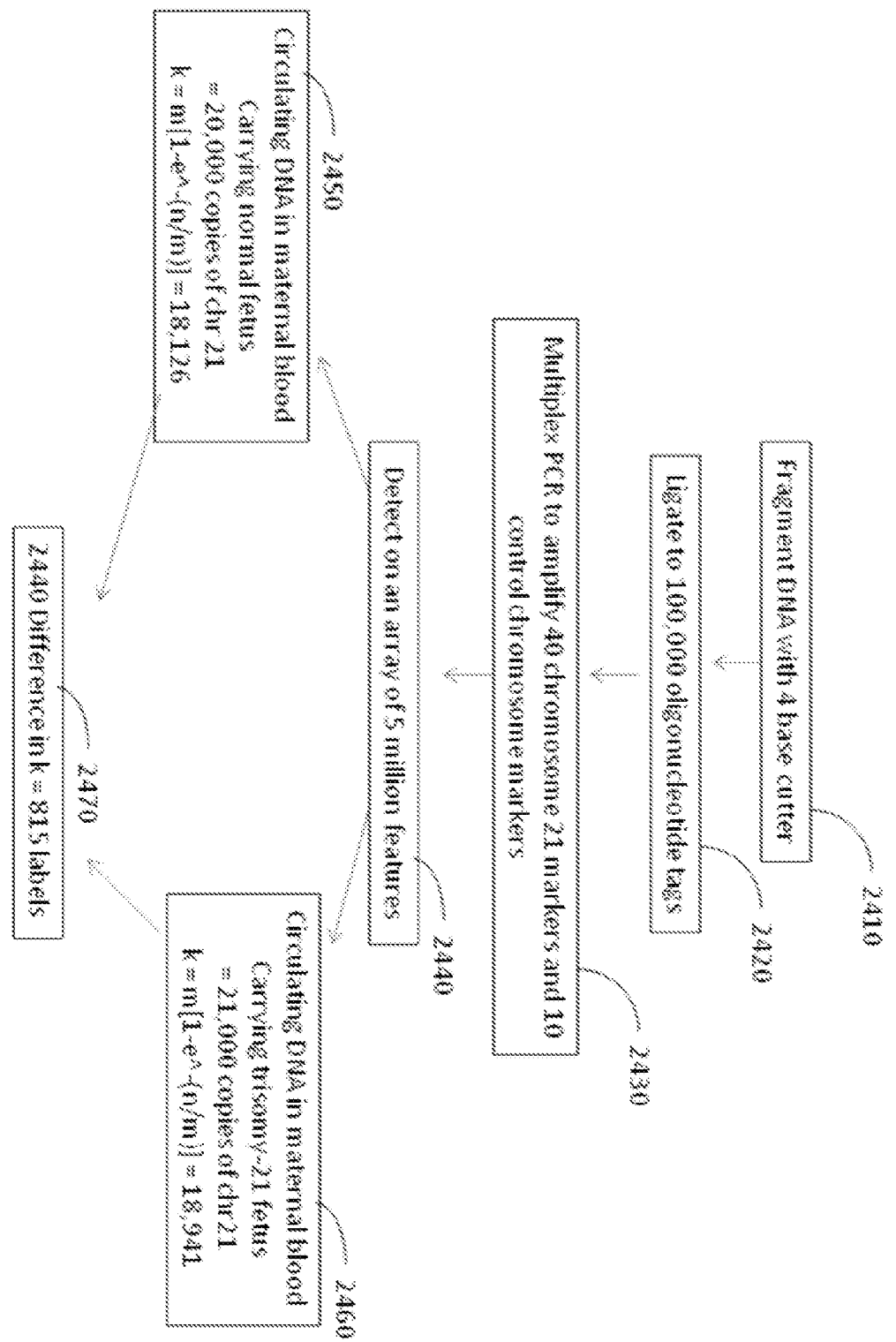
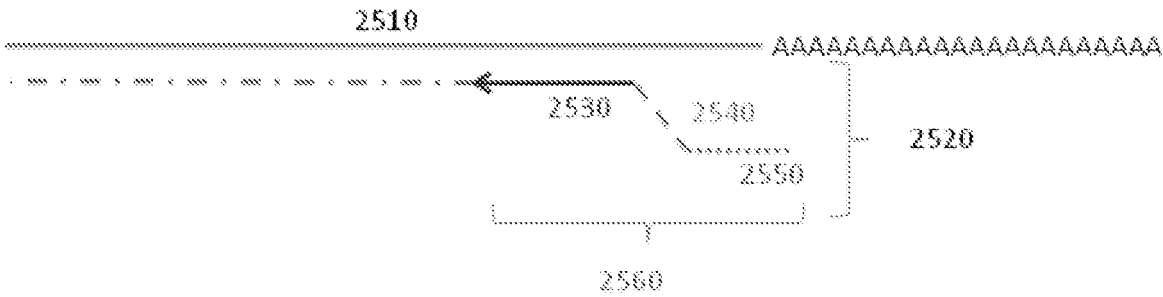


FIG. 25

Step 1.



Step 2. Detection of the labeled cDNA molecules

FIG. 28

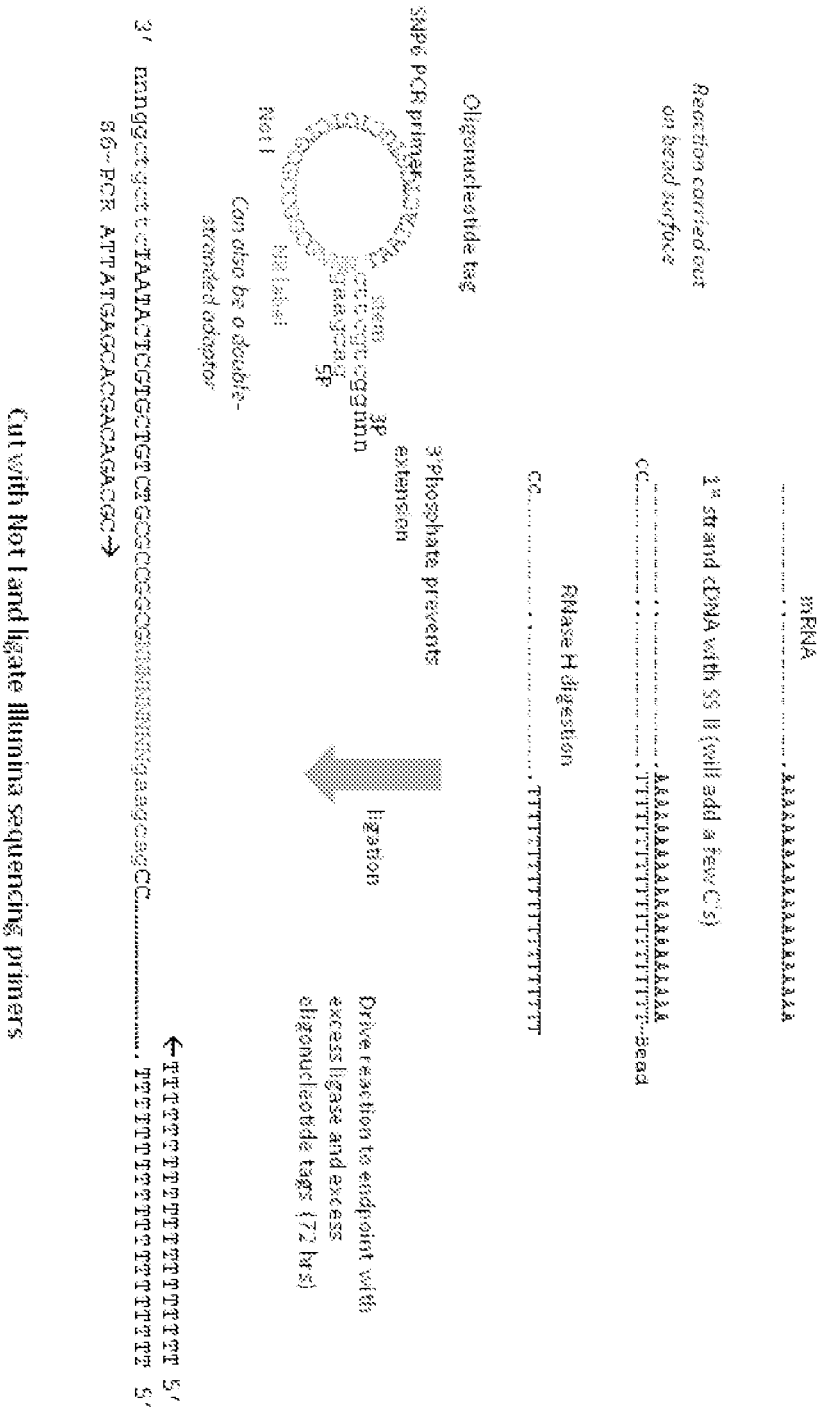


FIG. 29

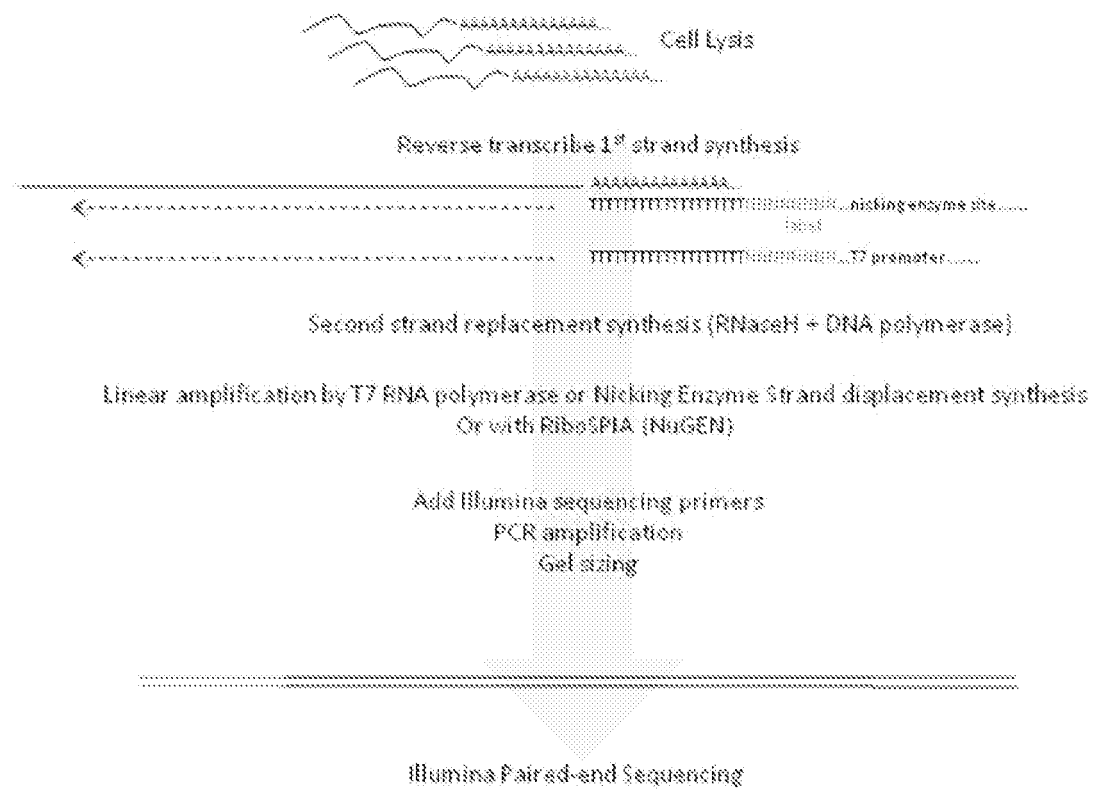
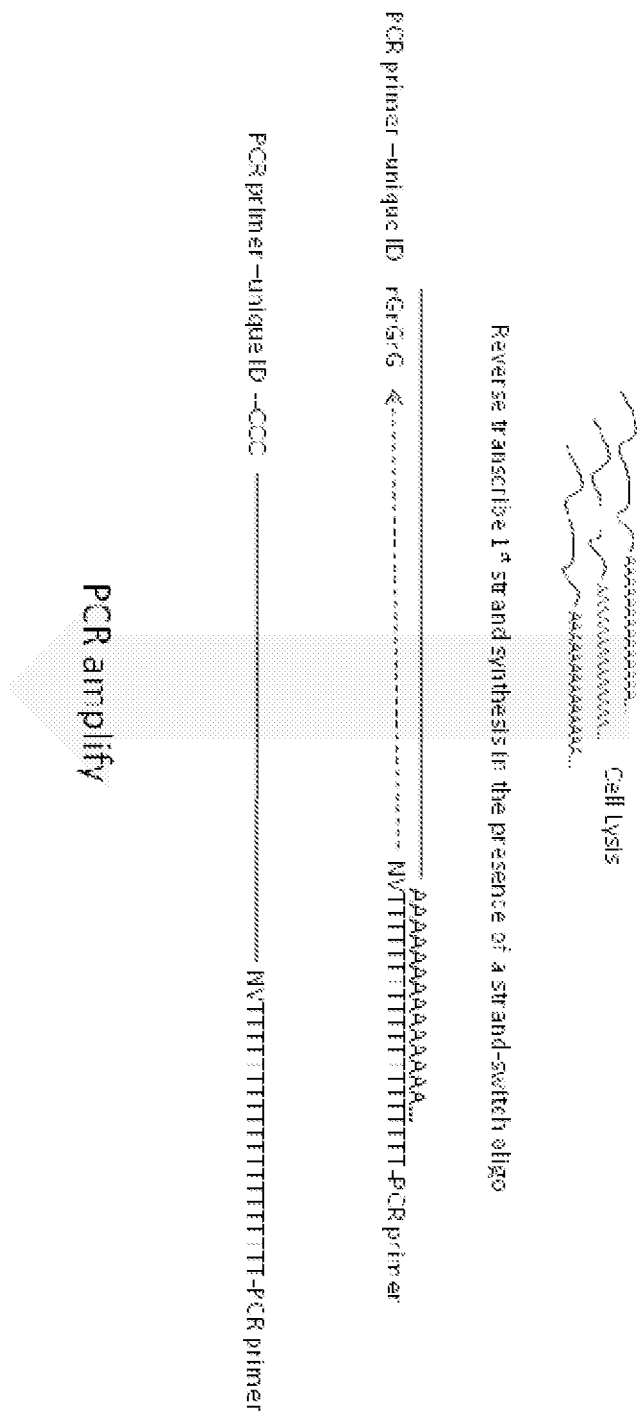


FIG. 30



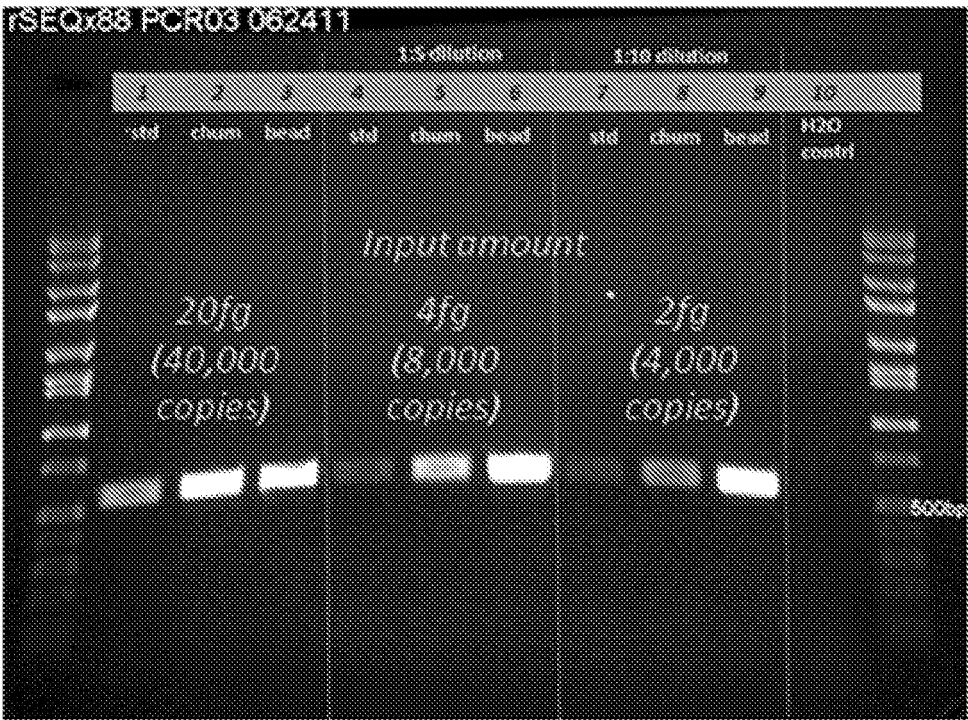


FIG. 32

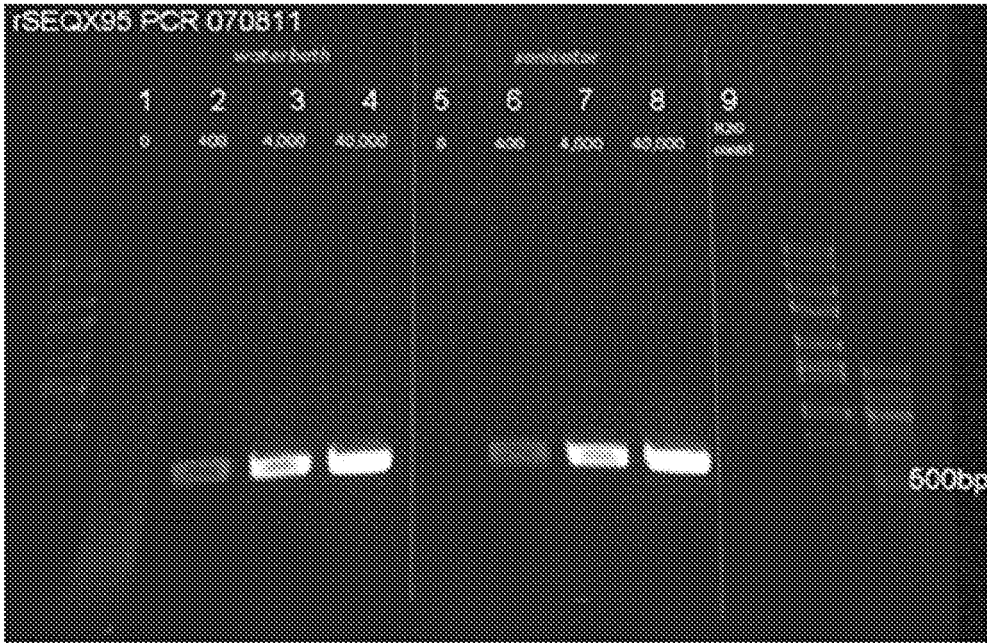


FIG. 33

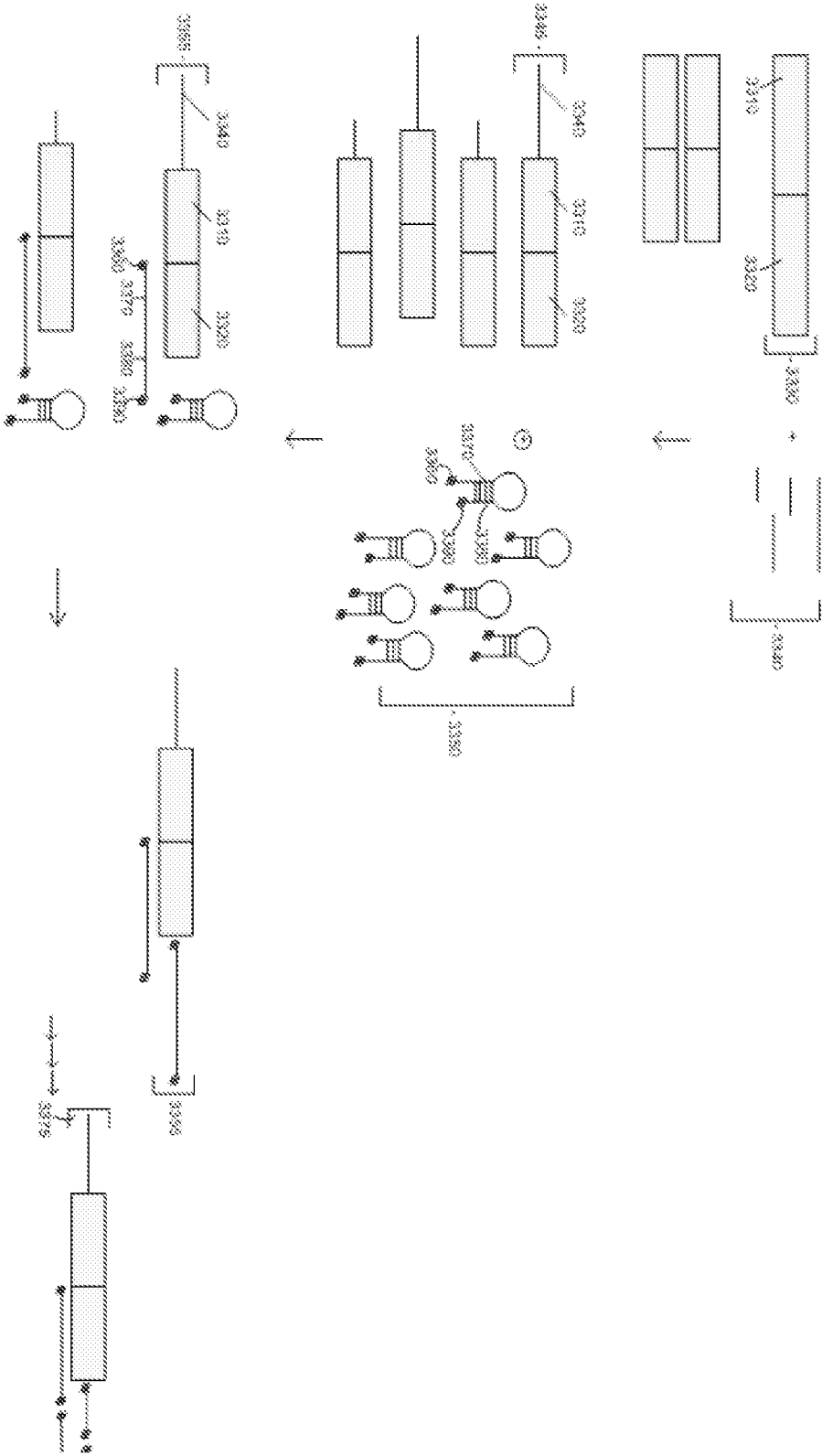


FIG. 34

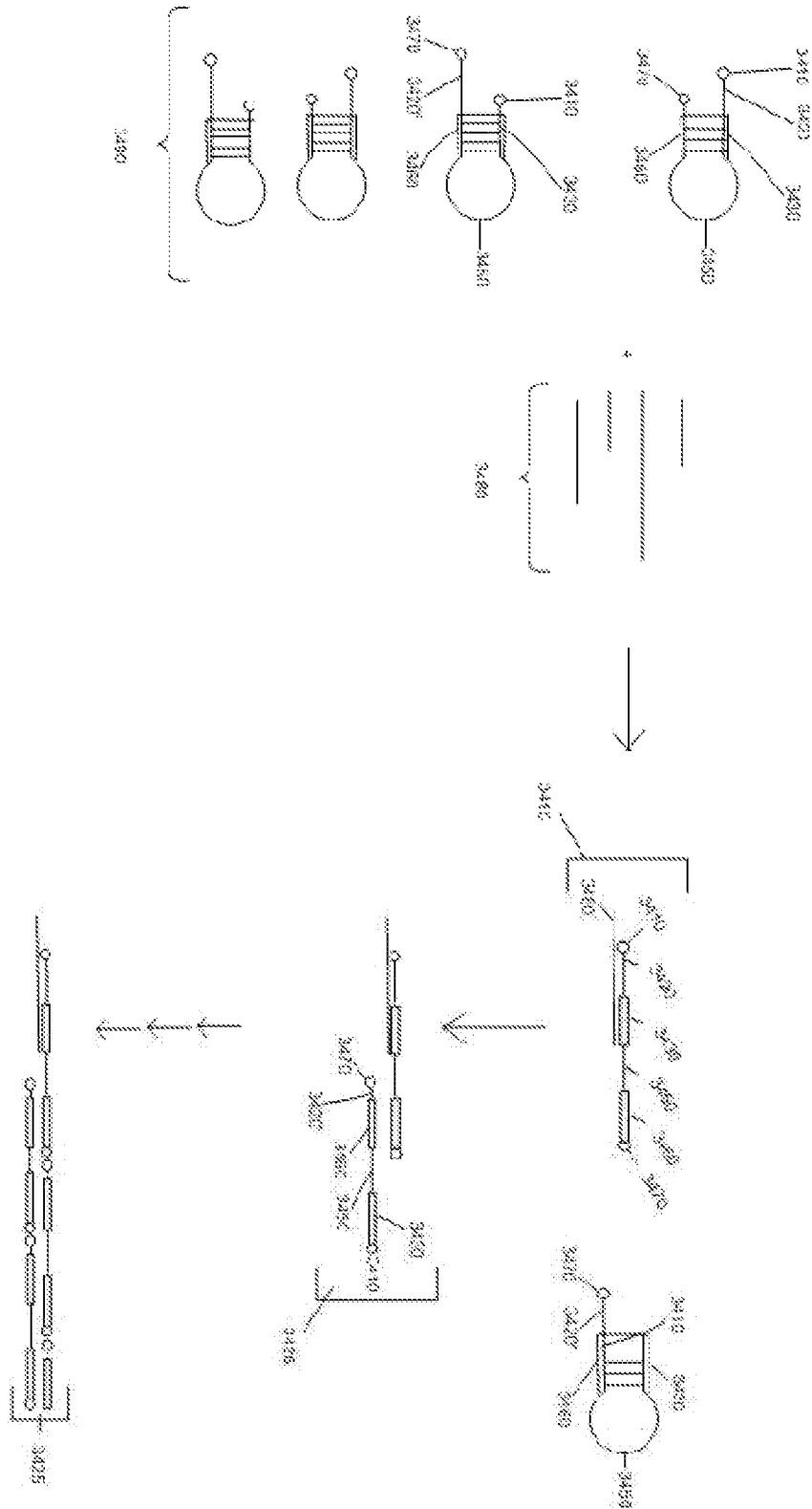


FIG. 35

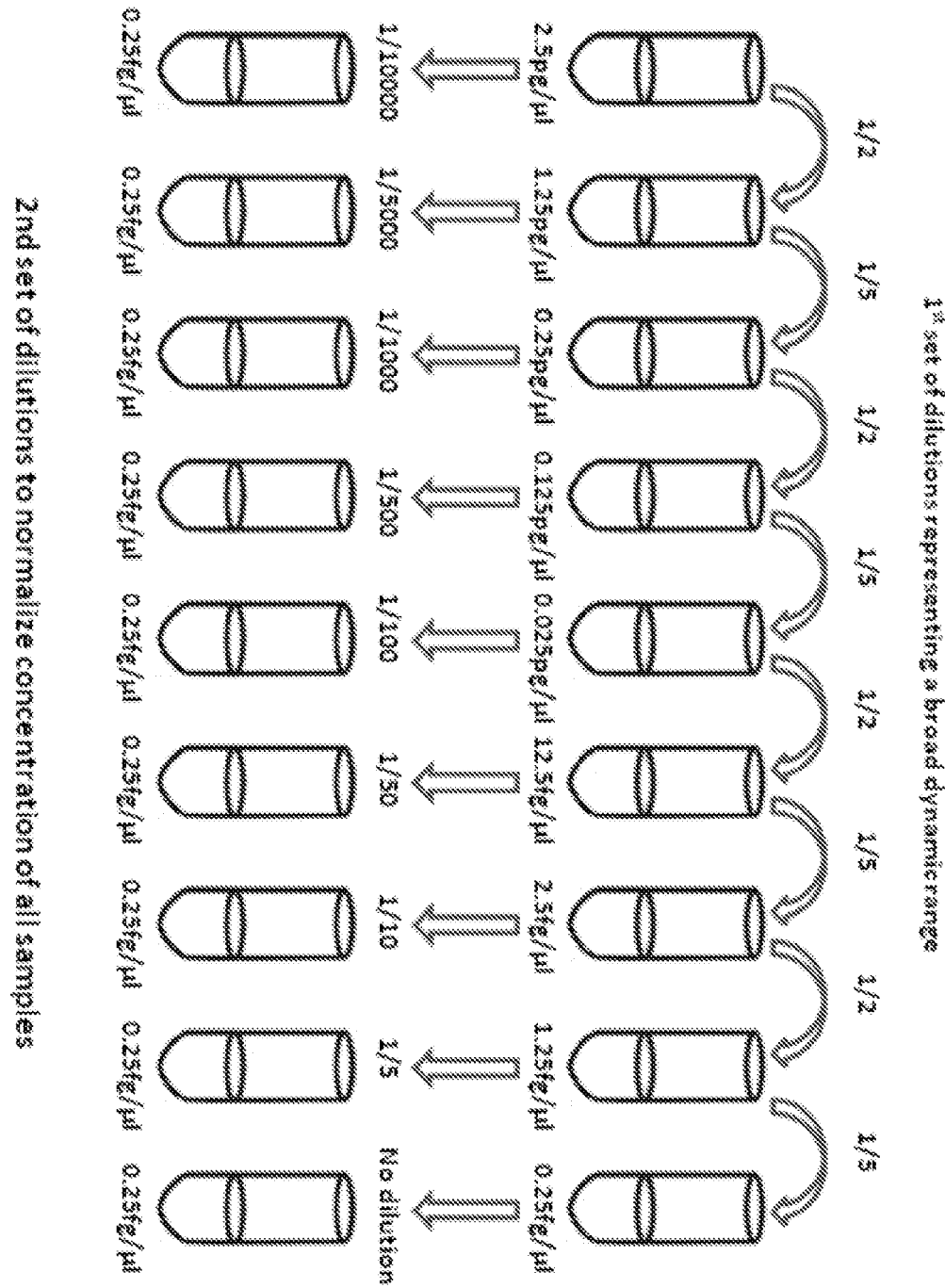


FIG. 36

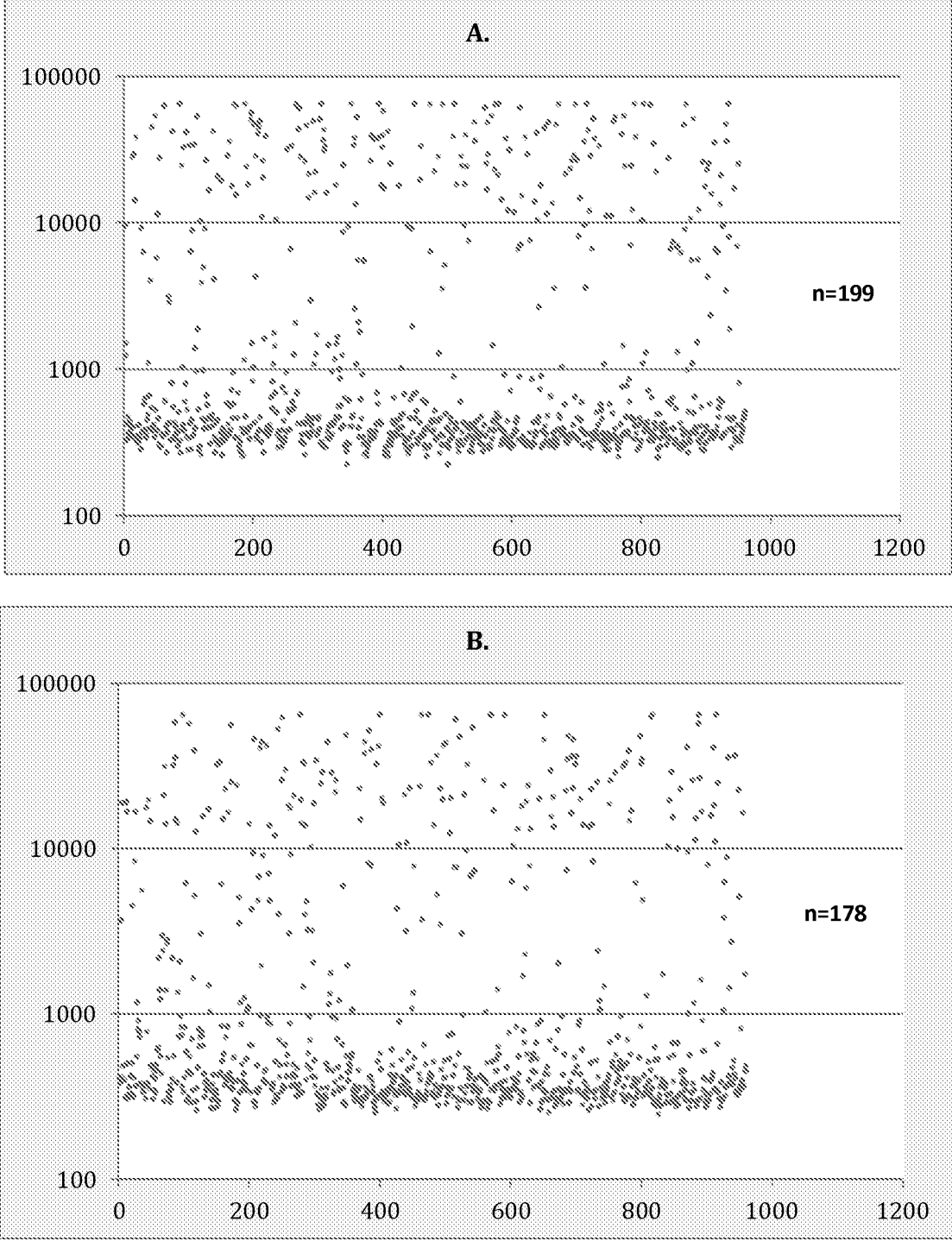


FIG. 36

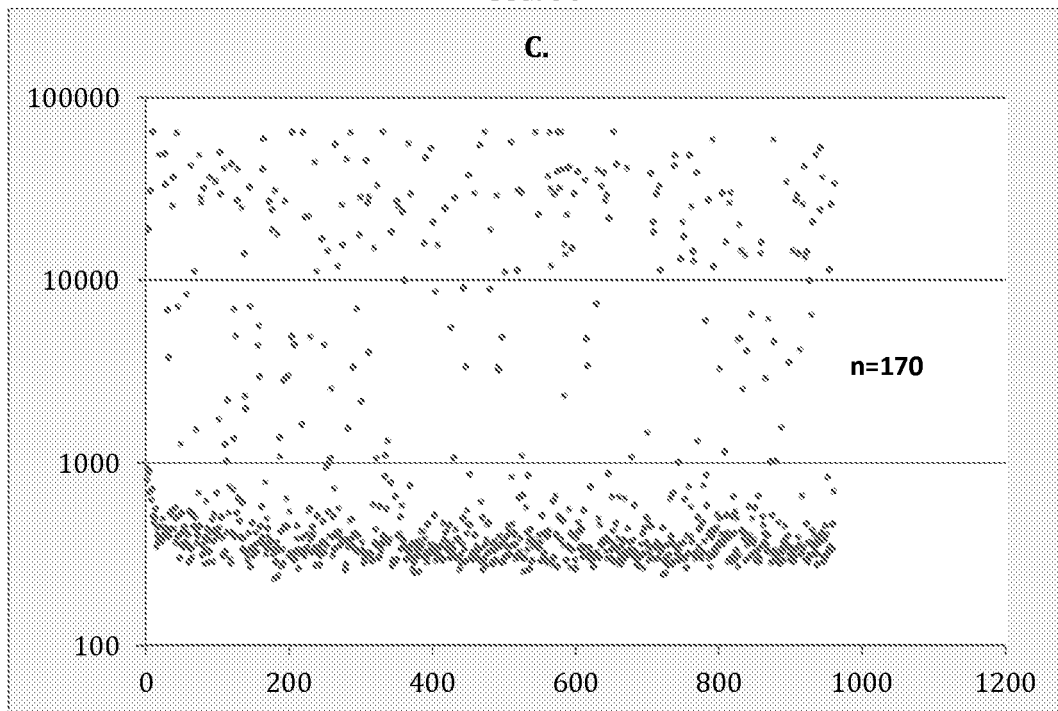
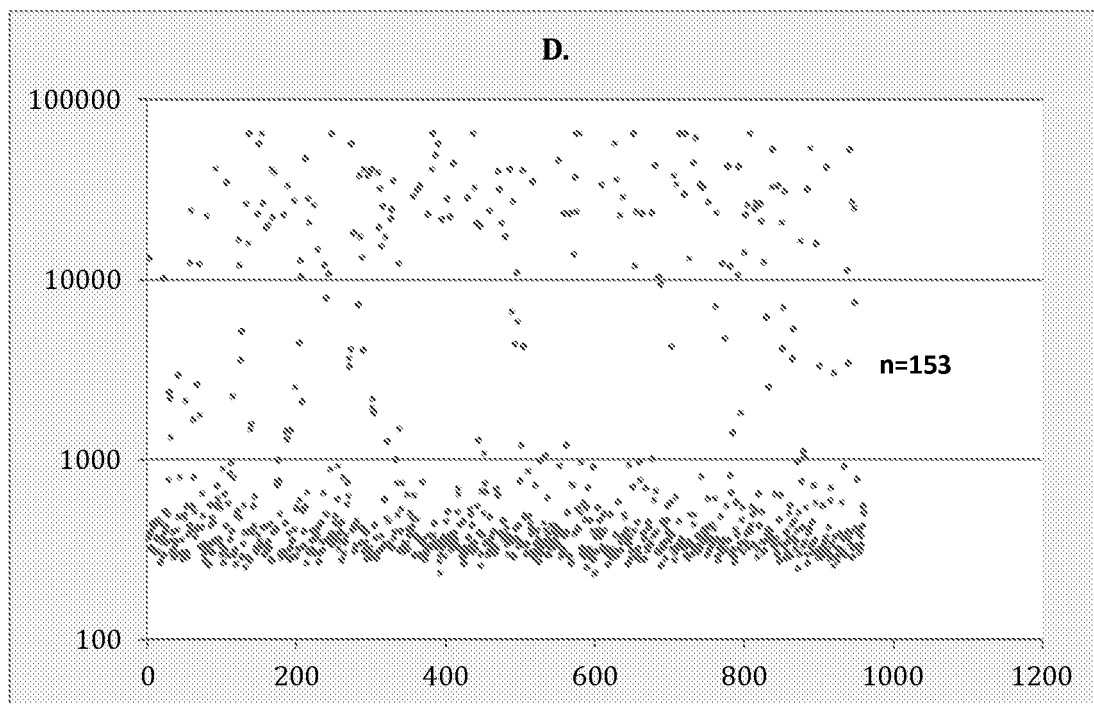


FIG. 36

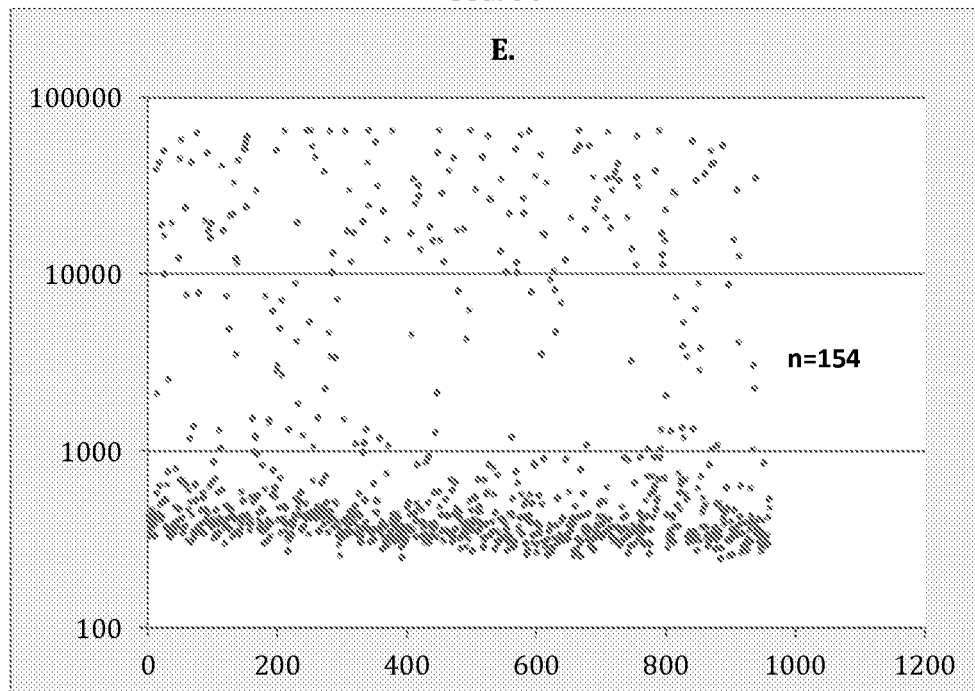
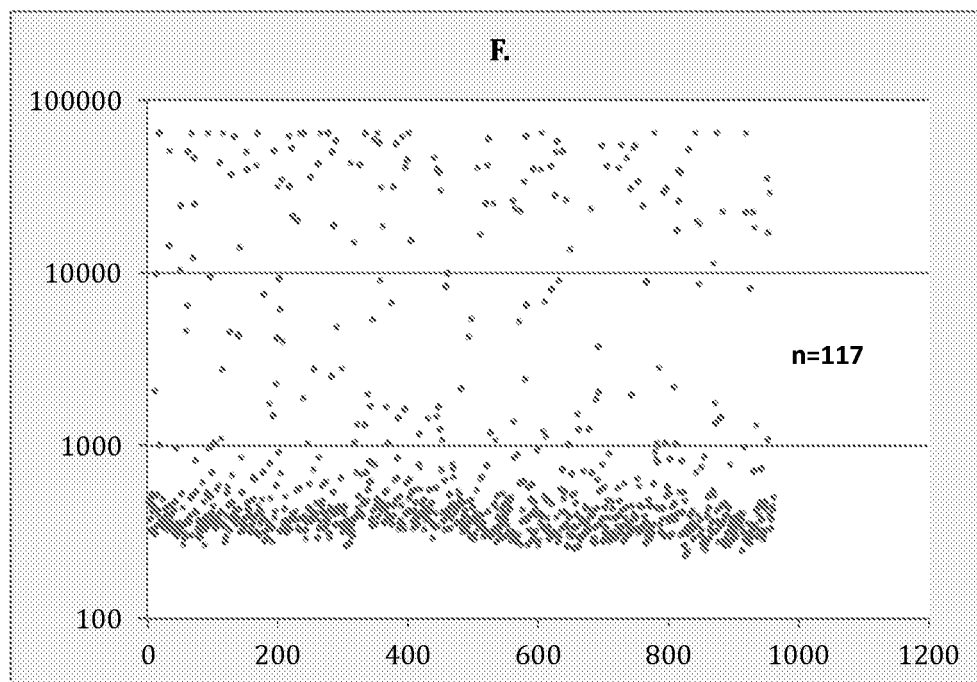


FIG. 36

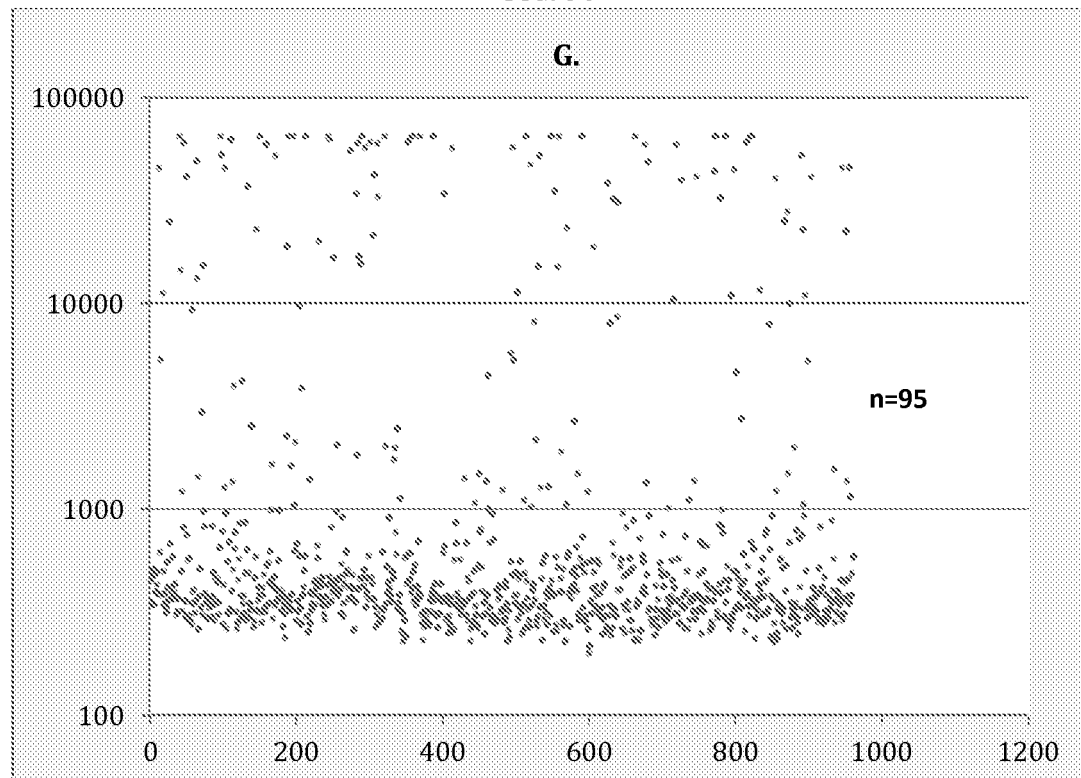
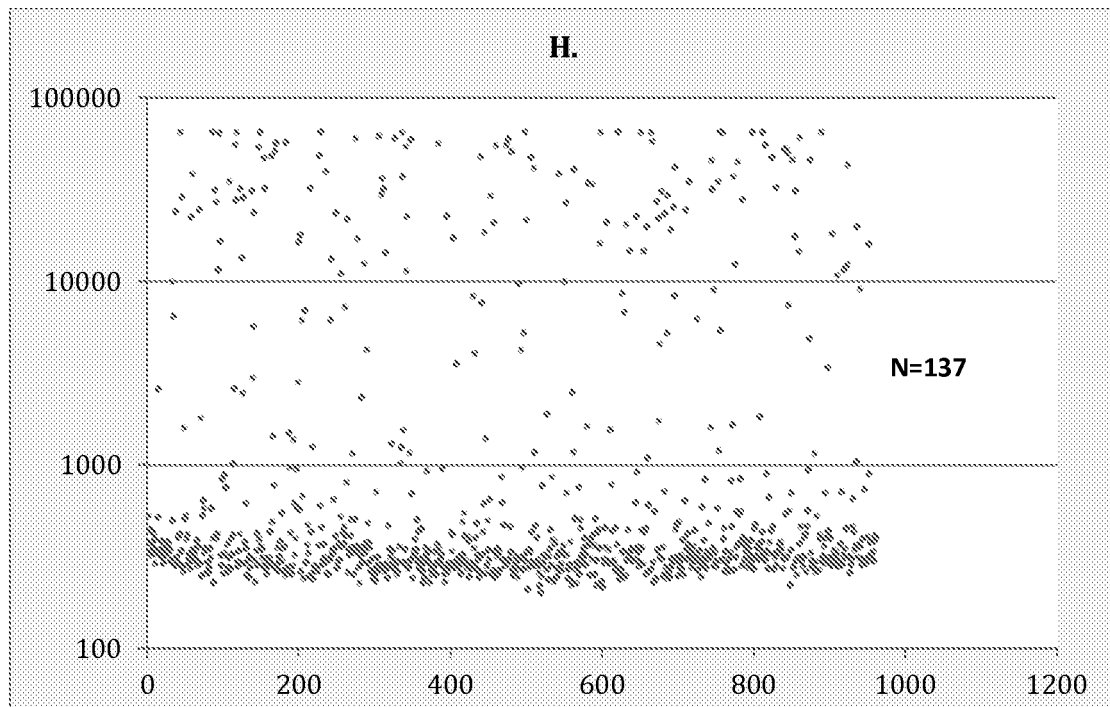


FIG. 37

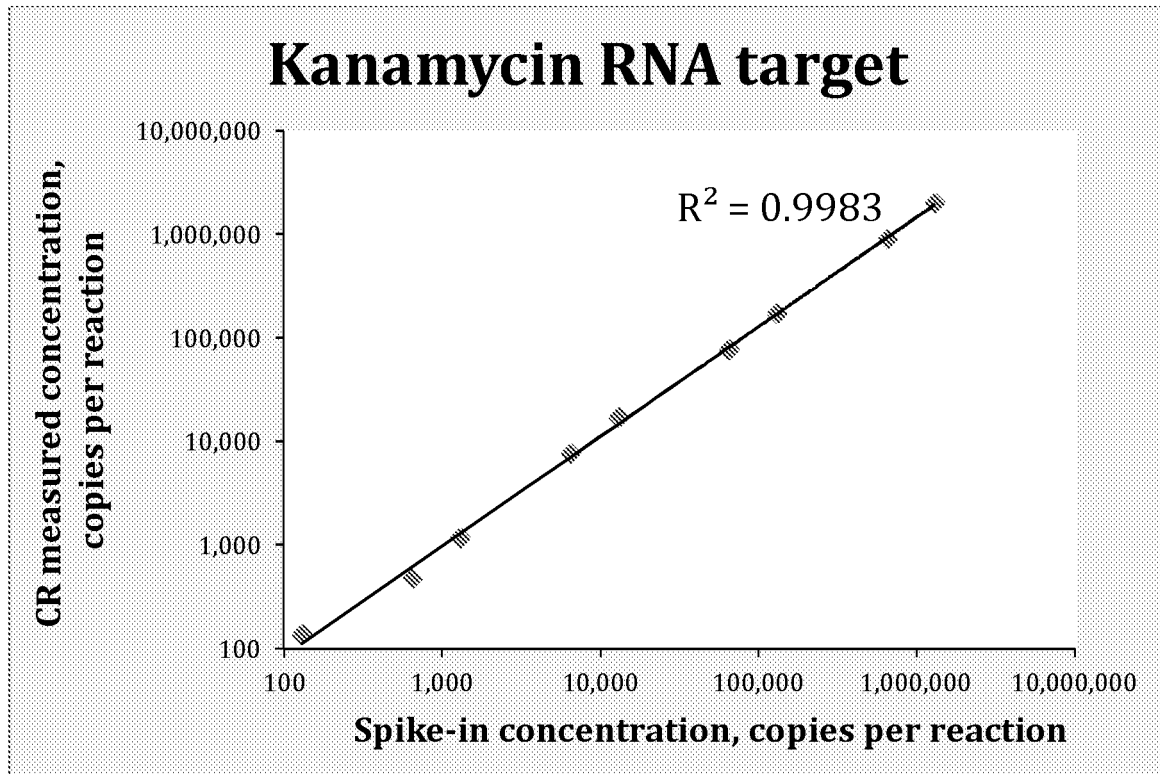


FIG. 38

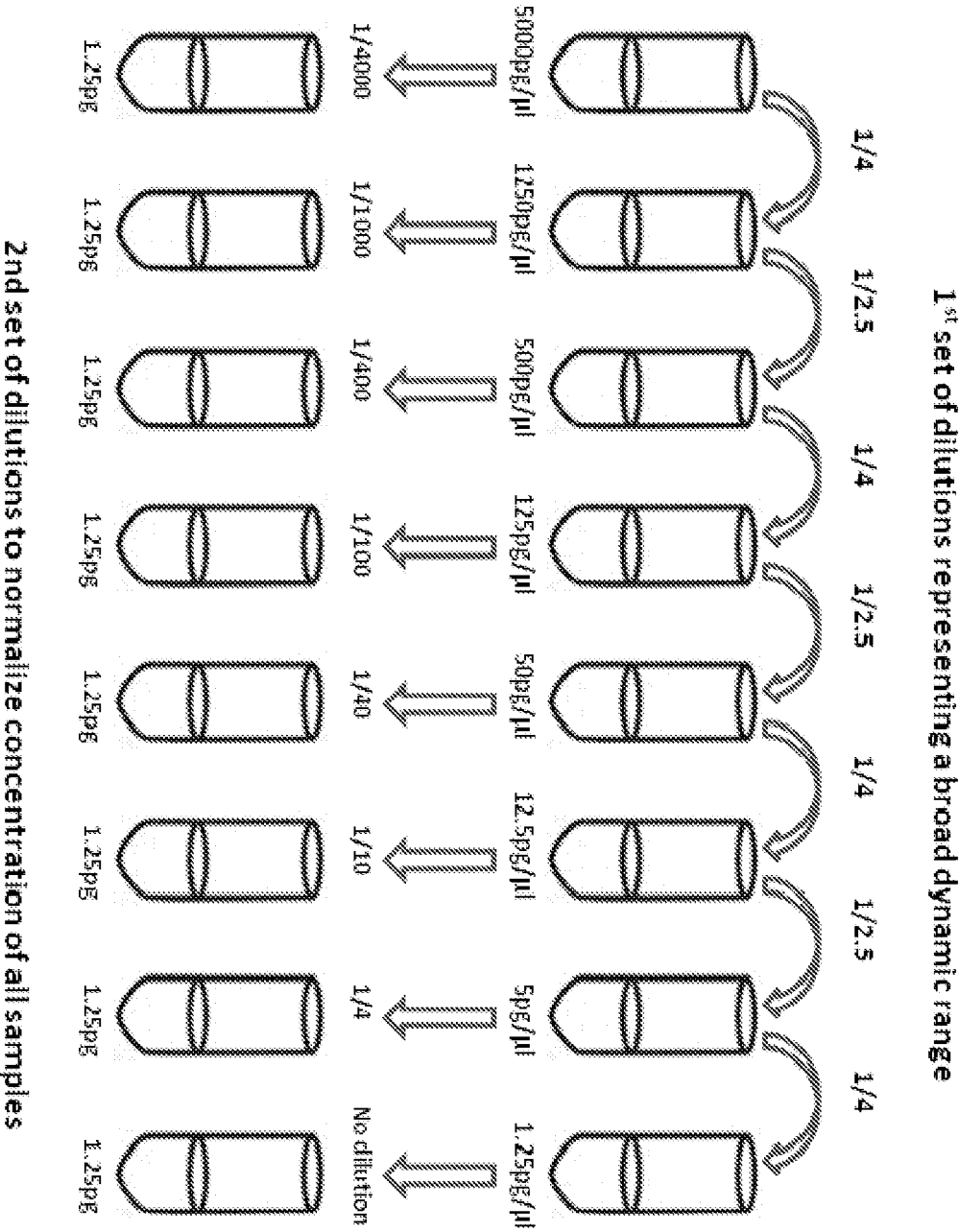


FIG. 39

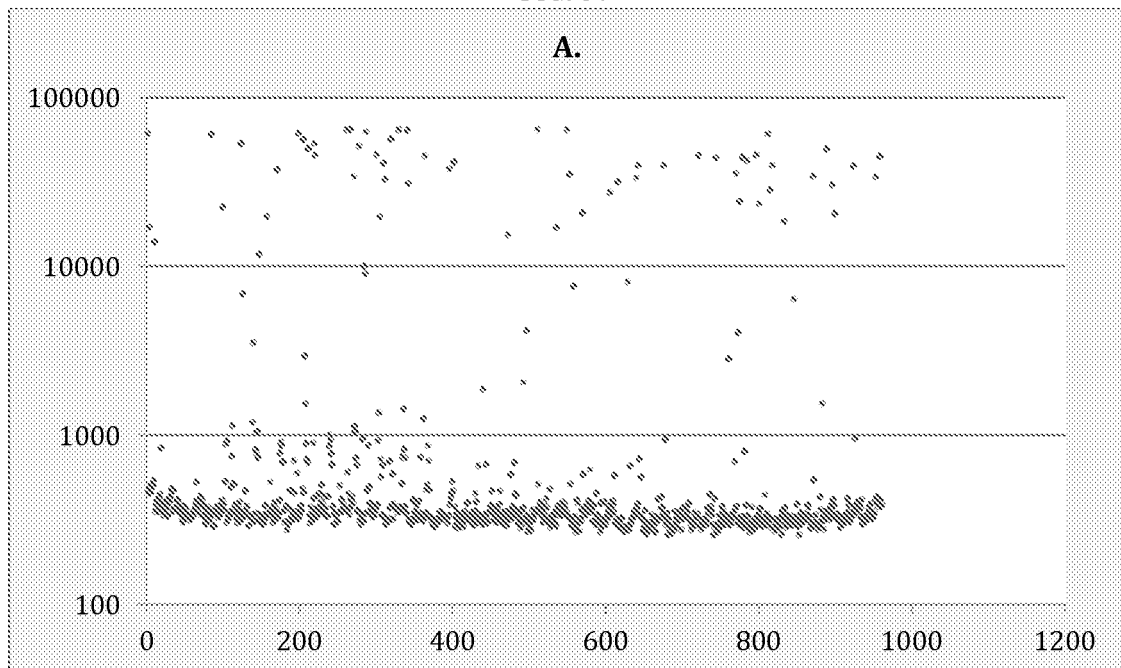
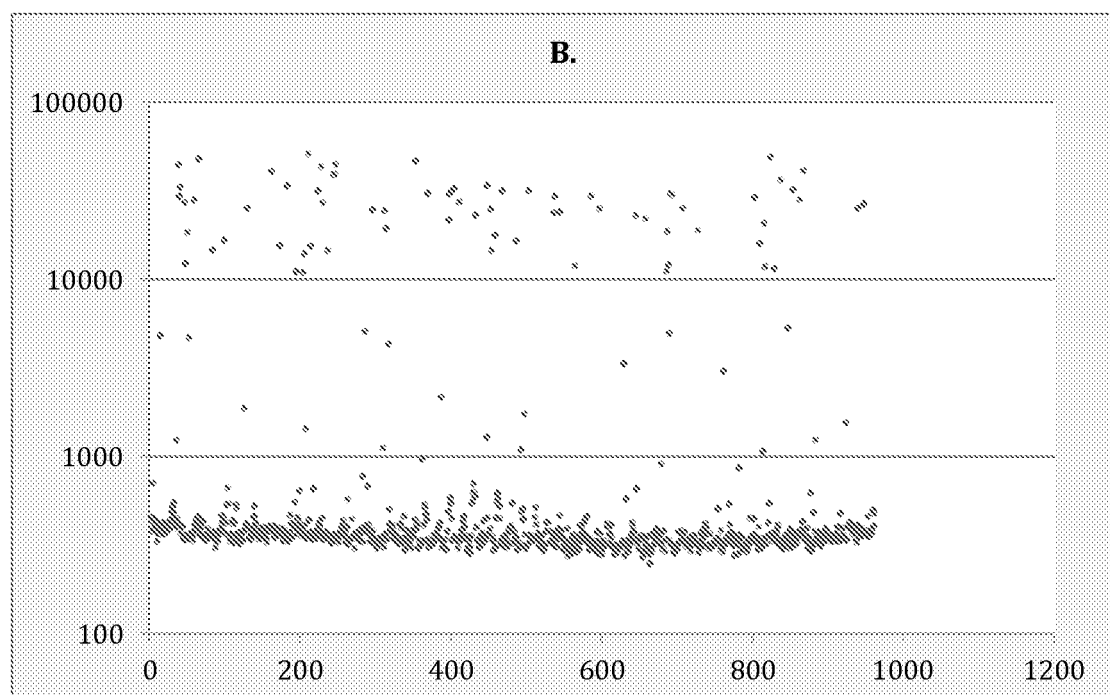


FIG. 39

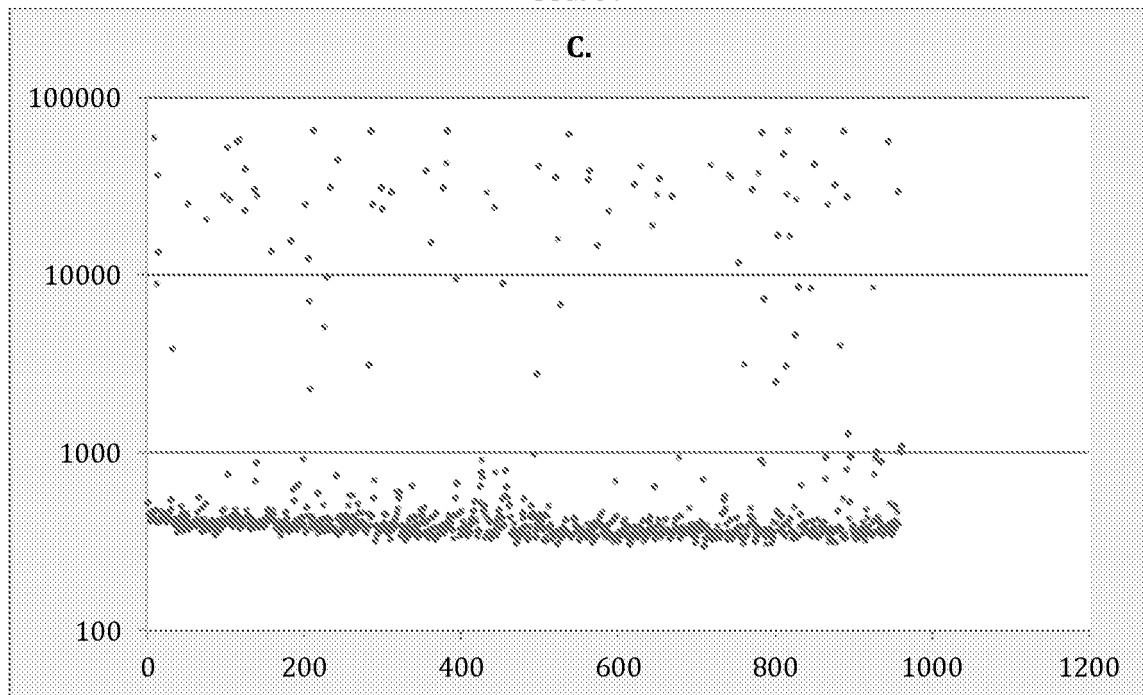
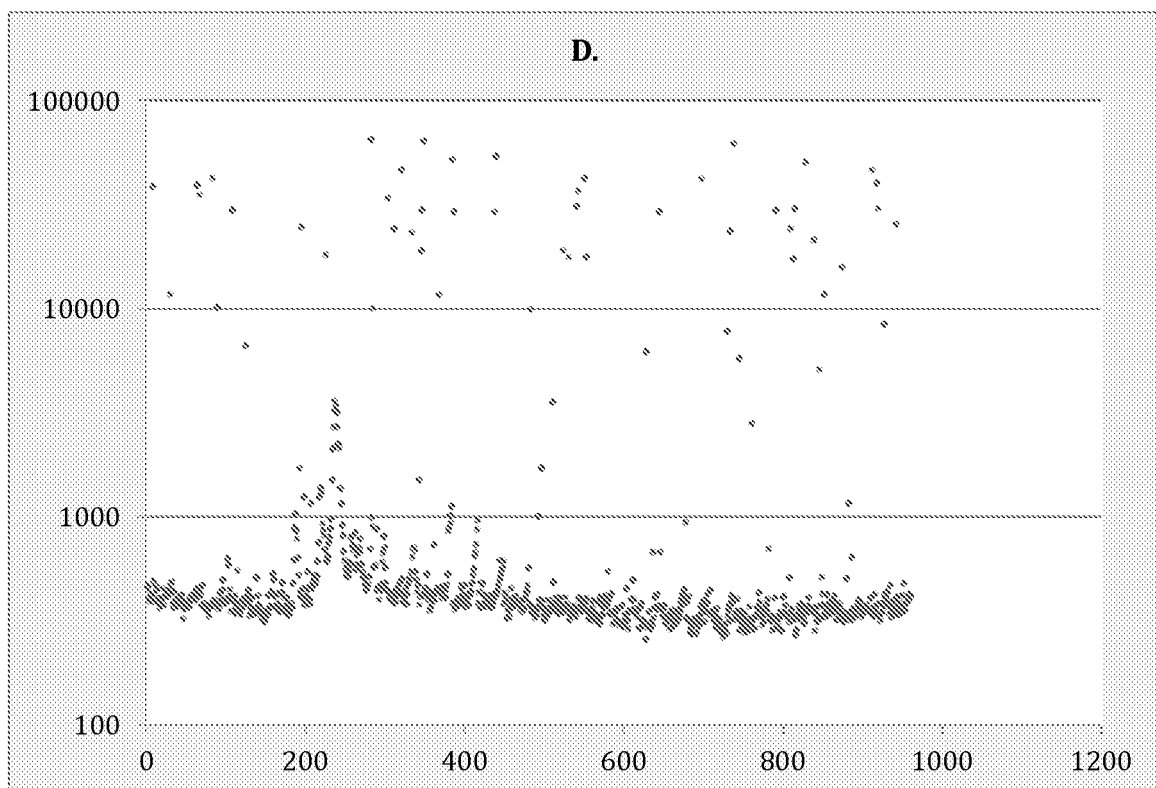


FIG. 39

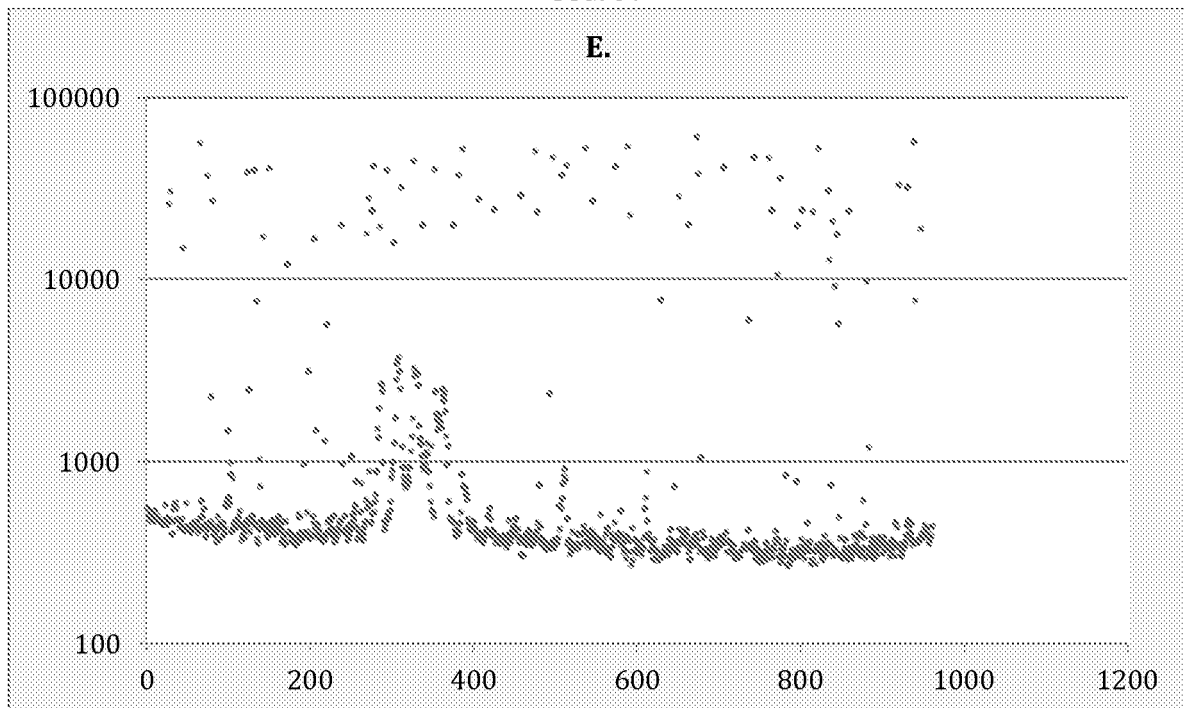
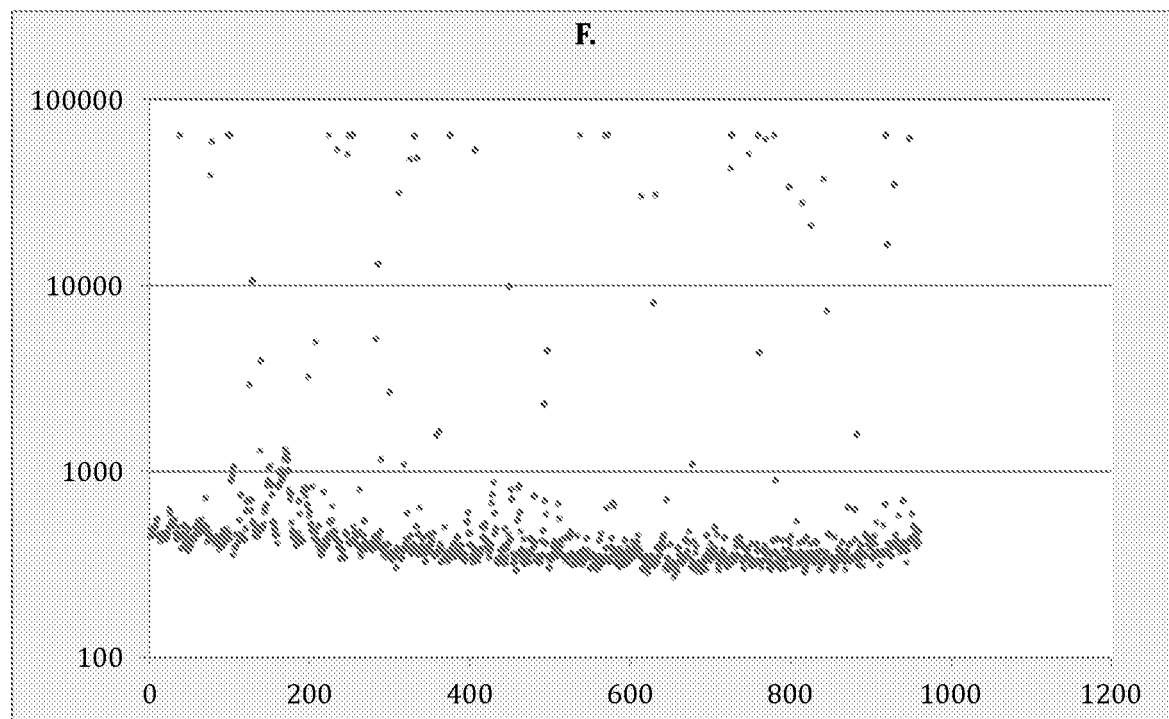


FIG. 39

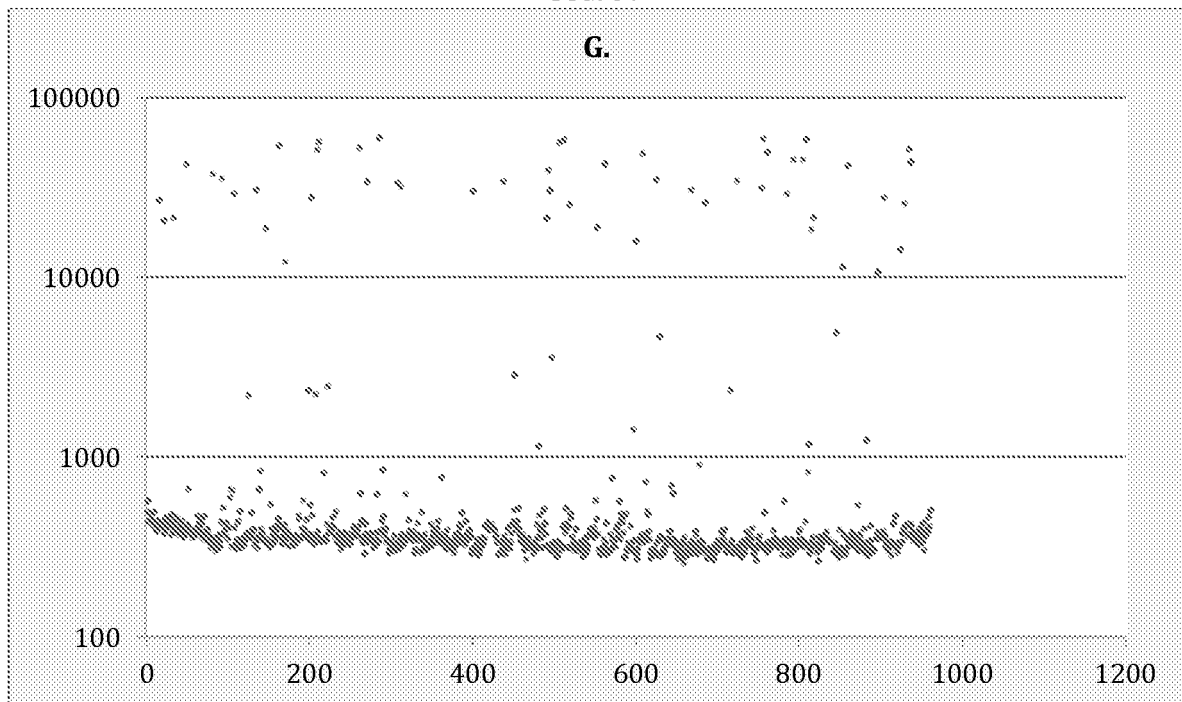
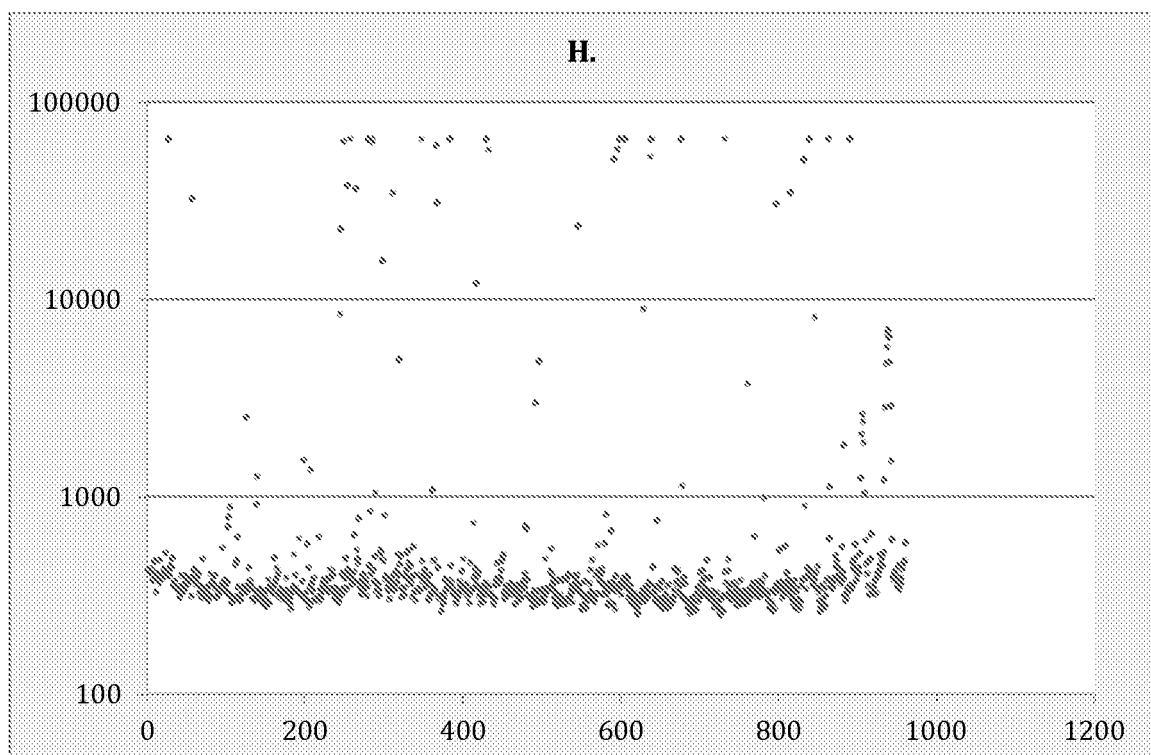


FIG. 40

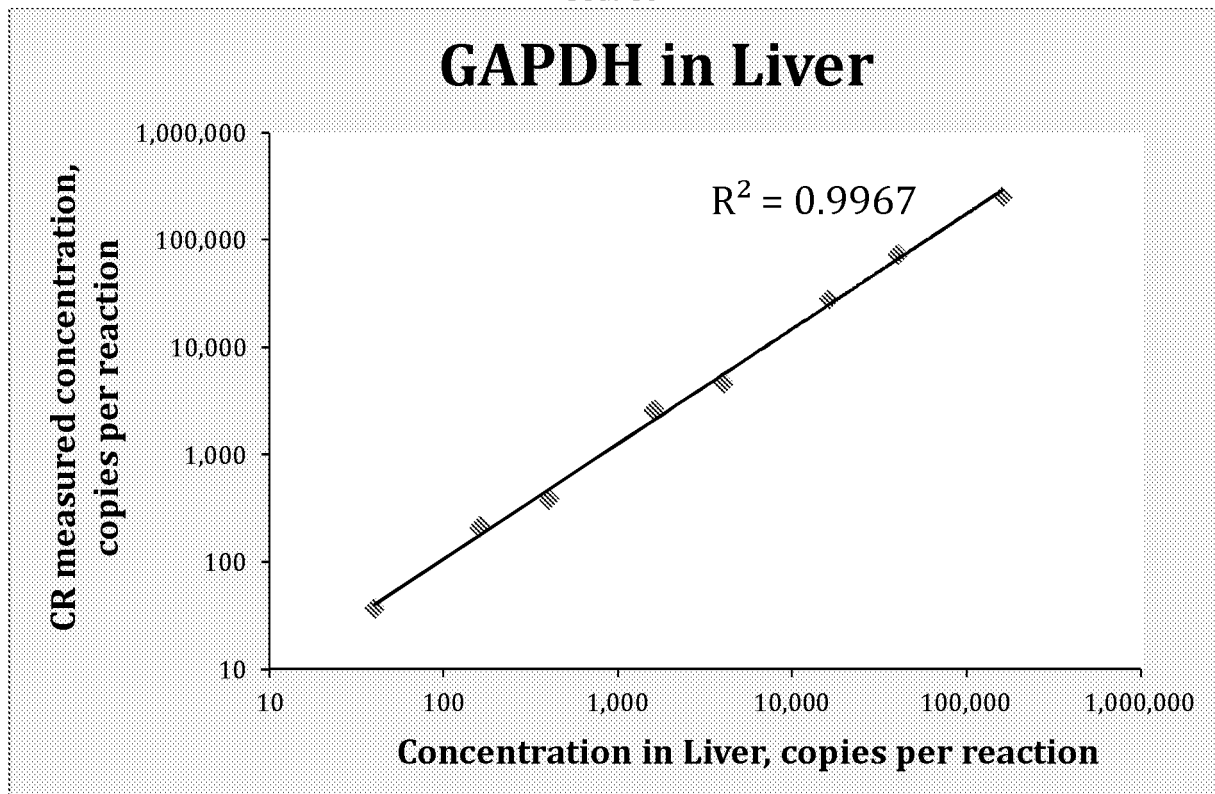


FIG. 41

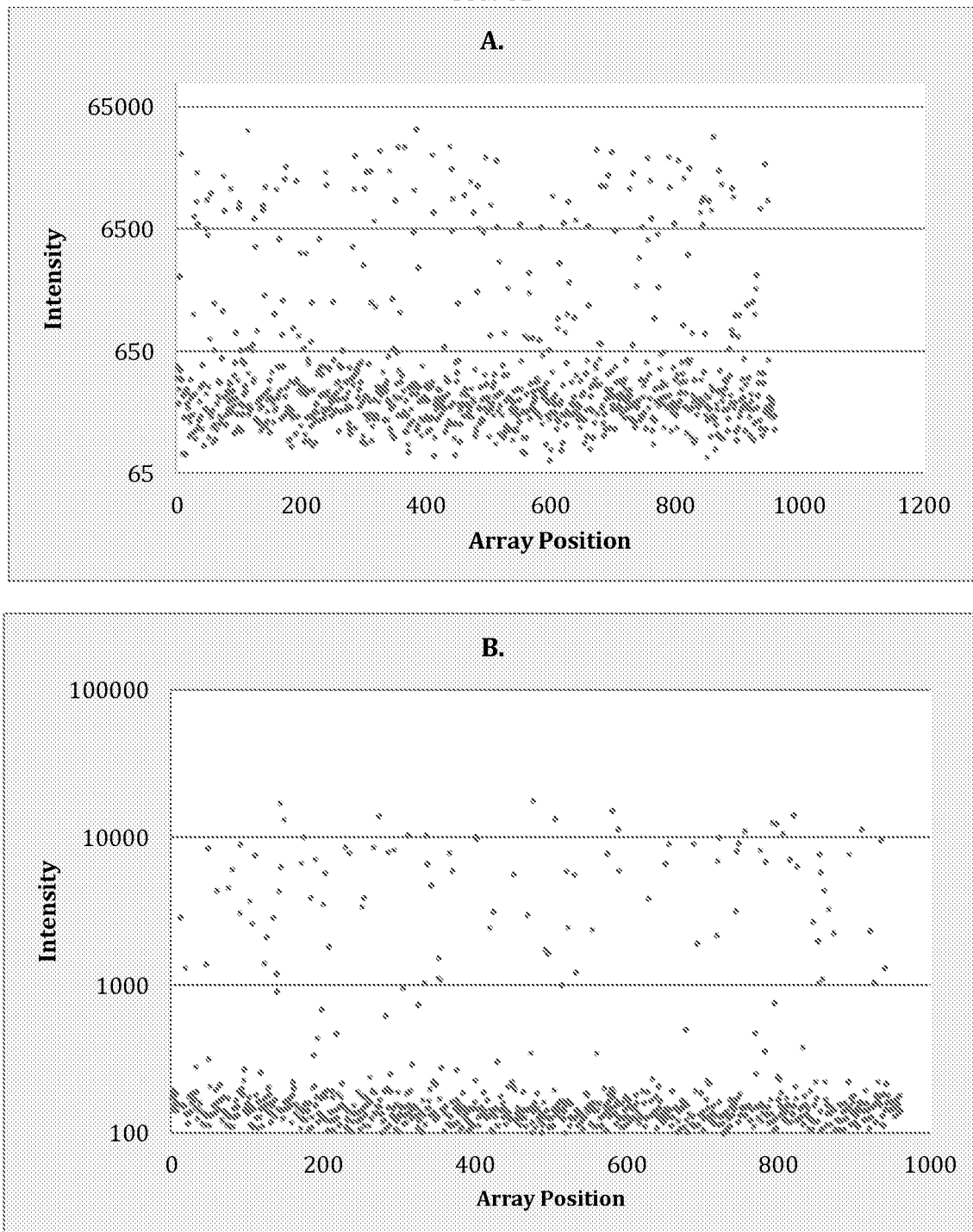


FIG. 41

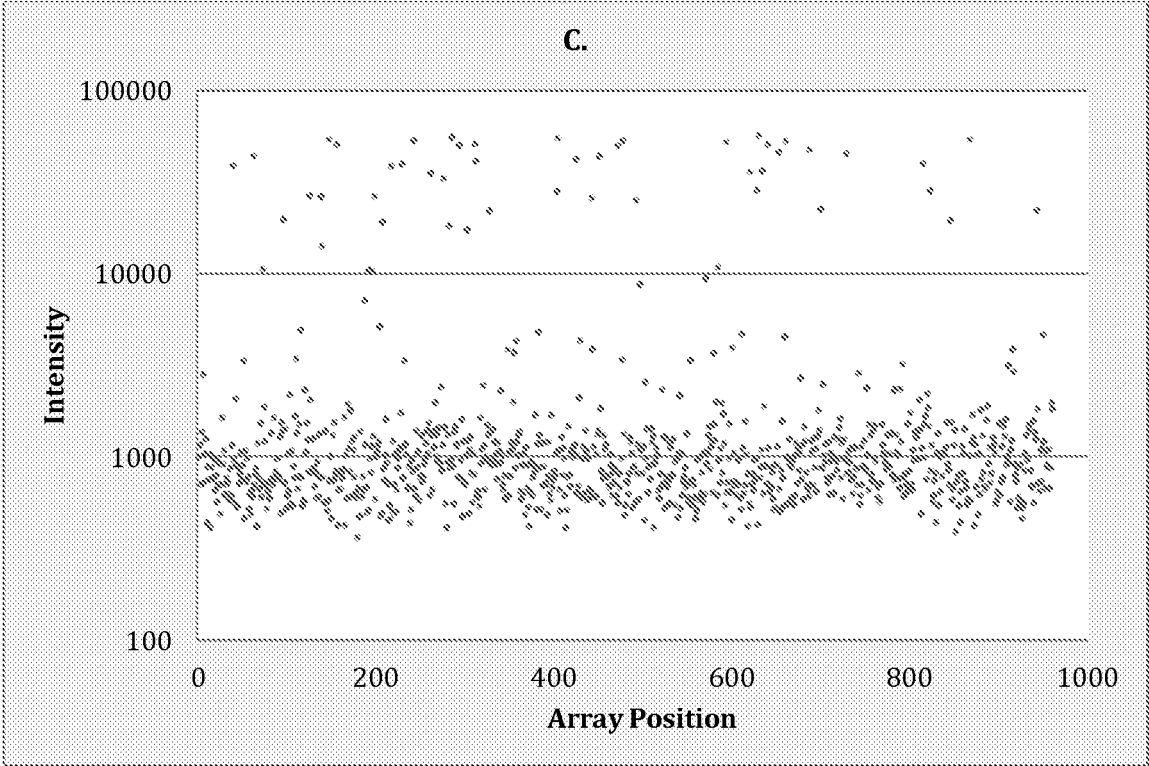
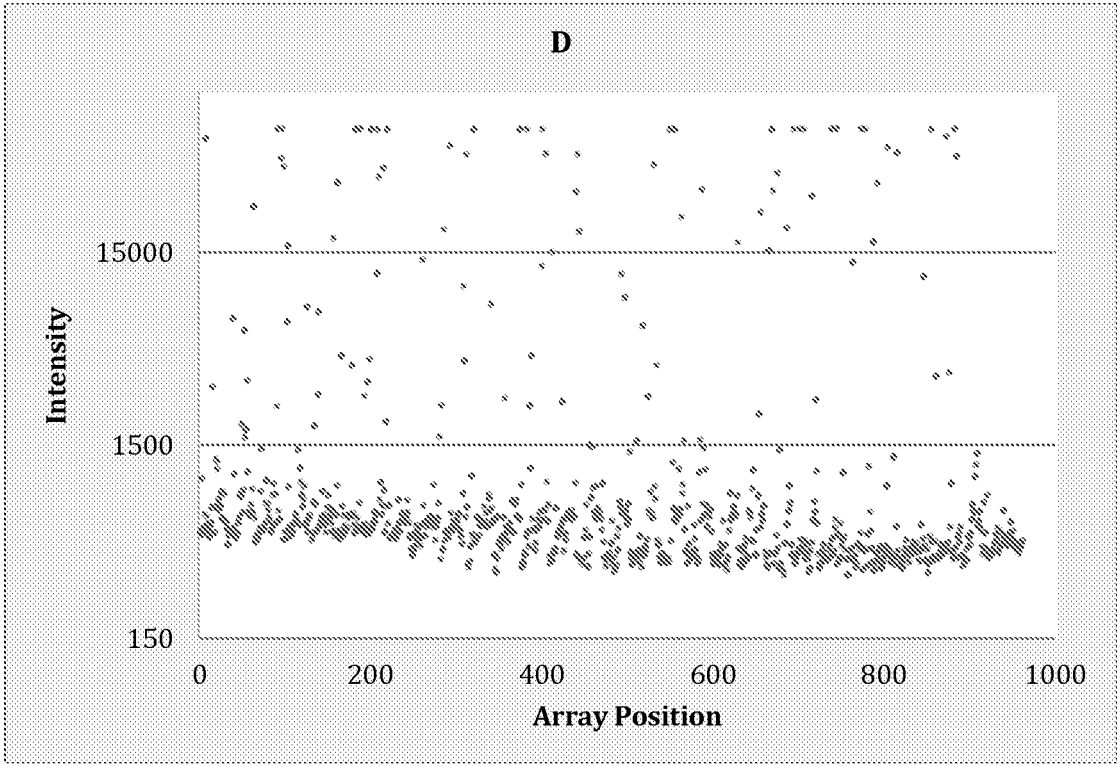


FIG. 42

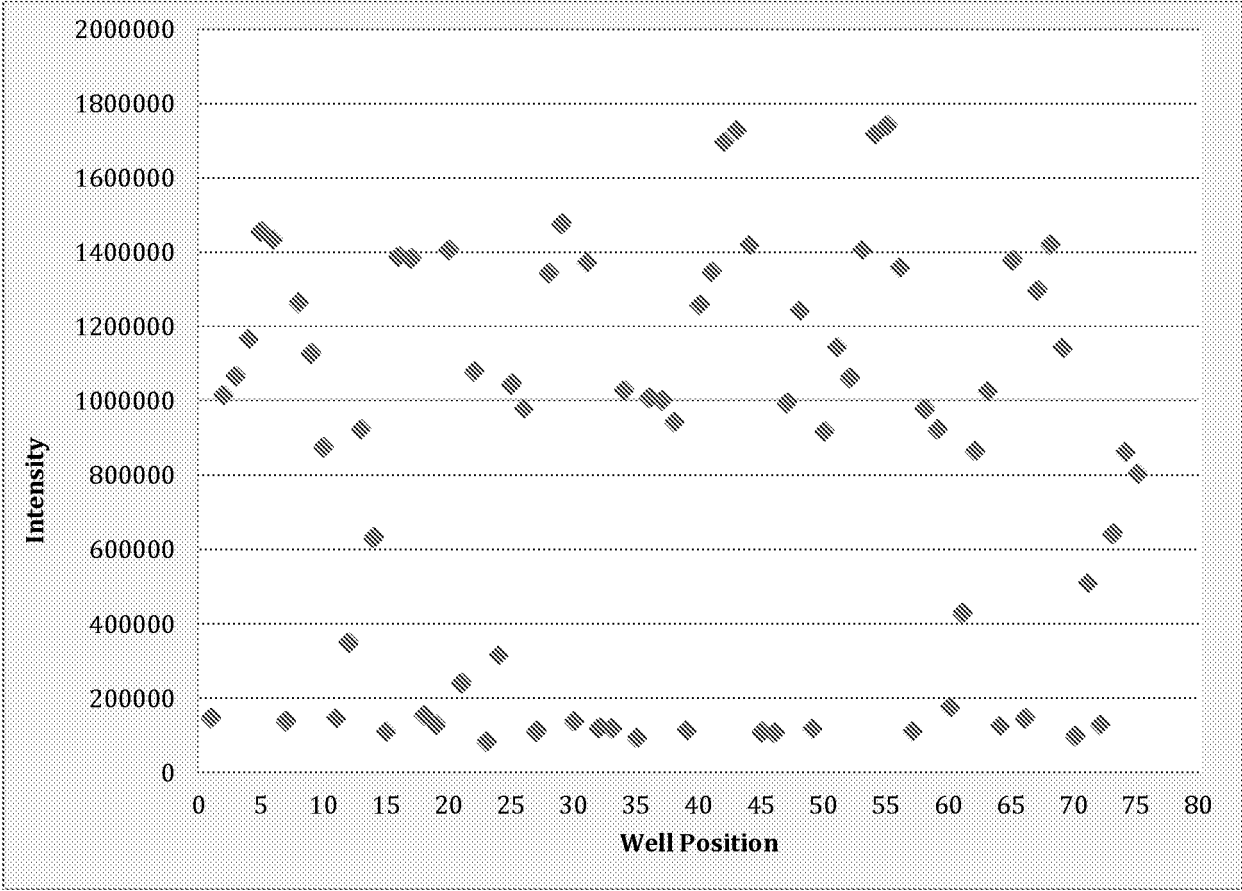


FIG. 43

