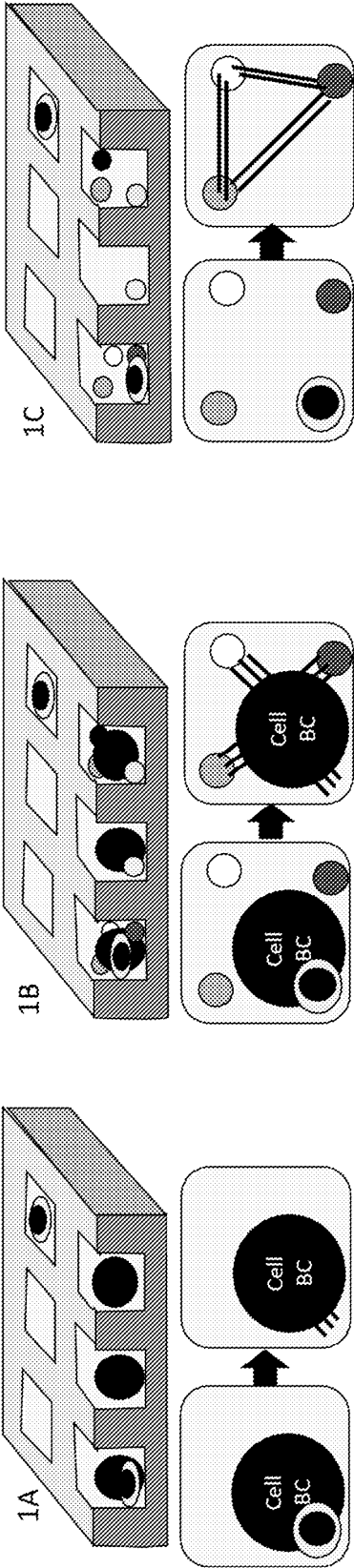




Figures 1A-1C.

Out of 16 different bead features:

Beads/well	Number of possible combinations
1	16
2	120
3	560
4	1820
5	4368
6	8008
7	11440
8	12870
9	11440
10	8008
11	4368
12	1820
13	560
14	120
15	16
16	1
Total of unique bead combinations	65535

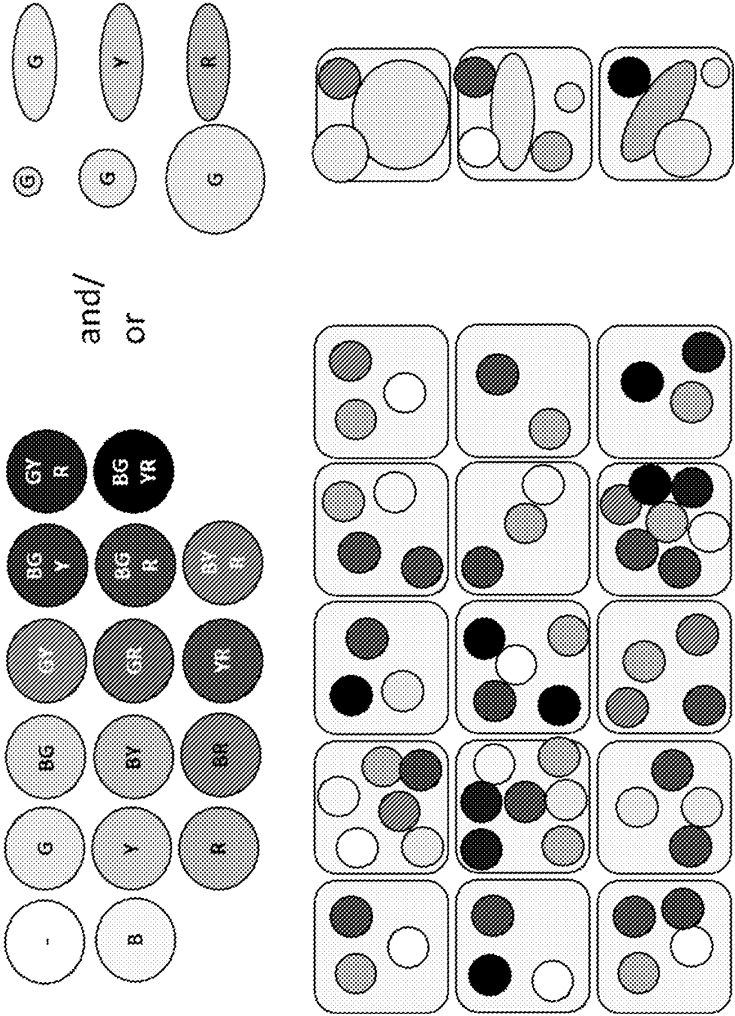


Figure 2.

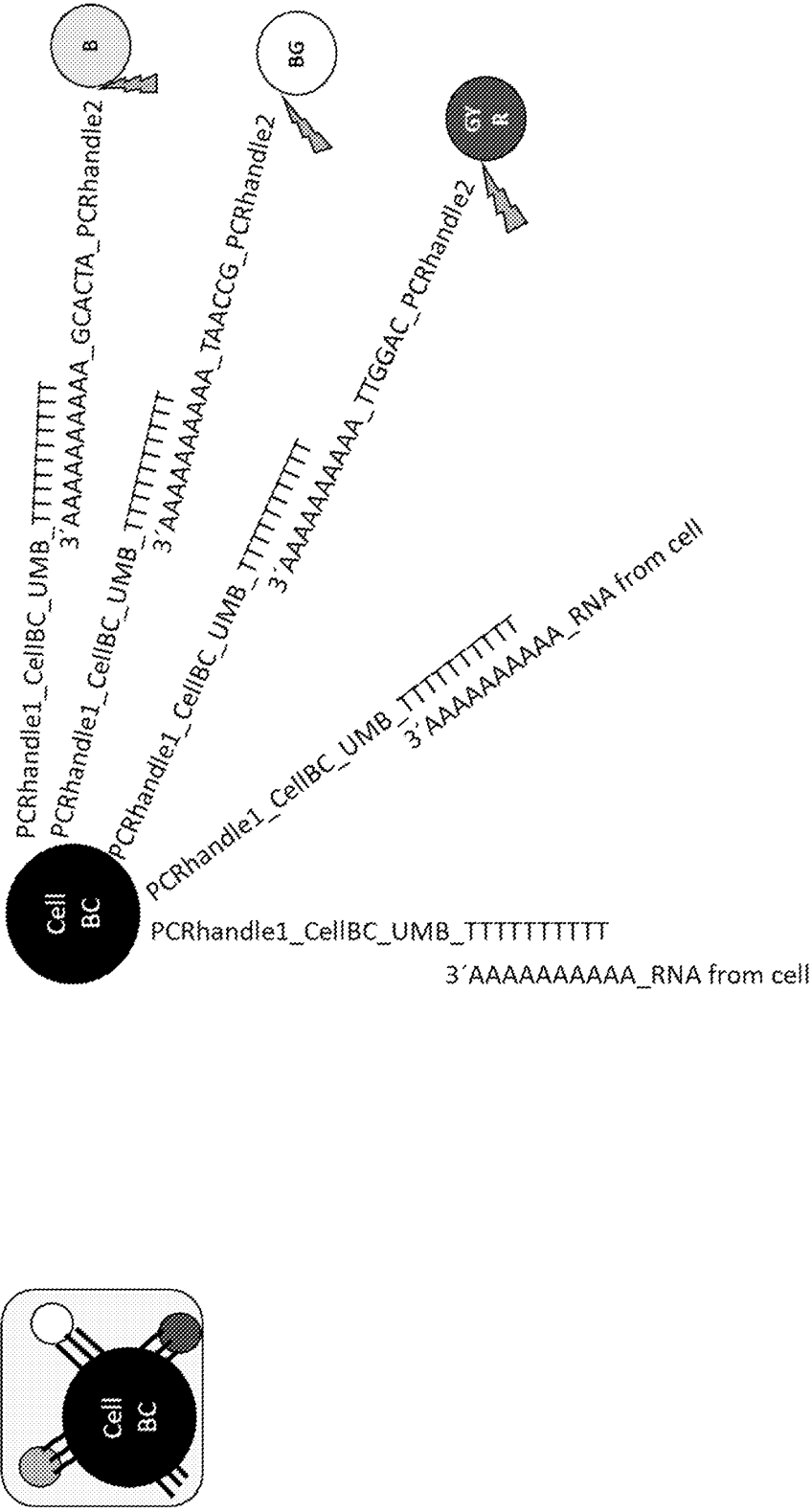


Figure 3

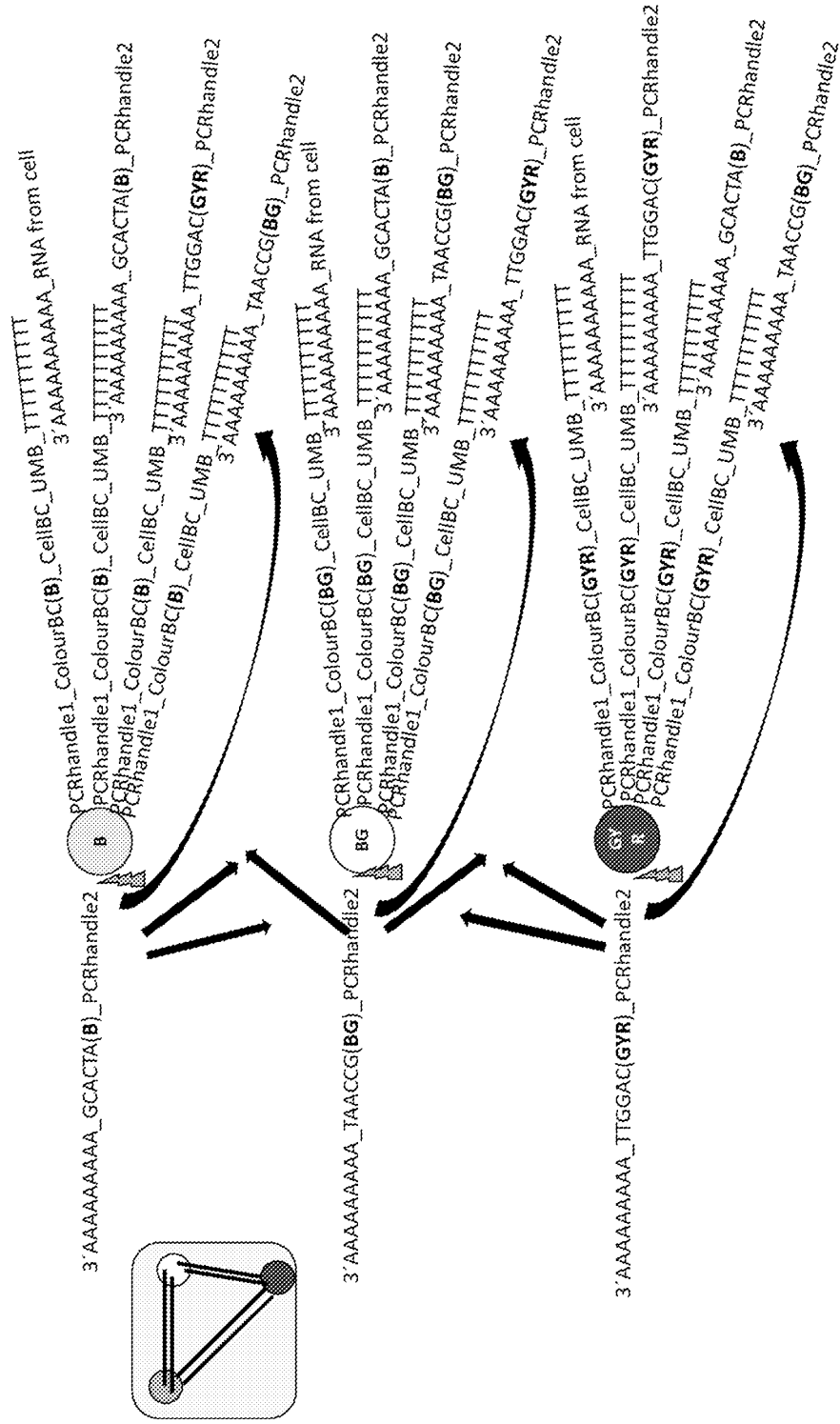


Figure 4.

B= ATCACG
BG=GCCAAT
GYR=CAGGTT

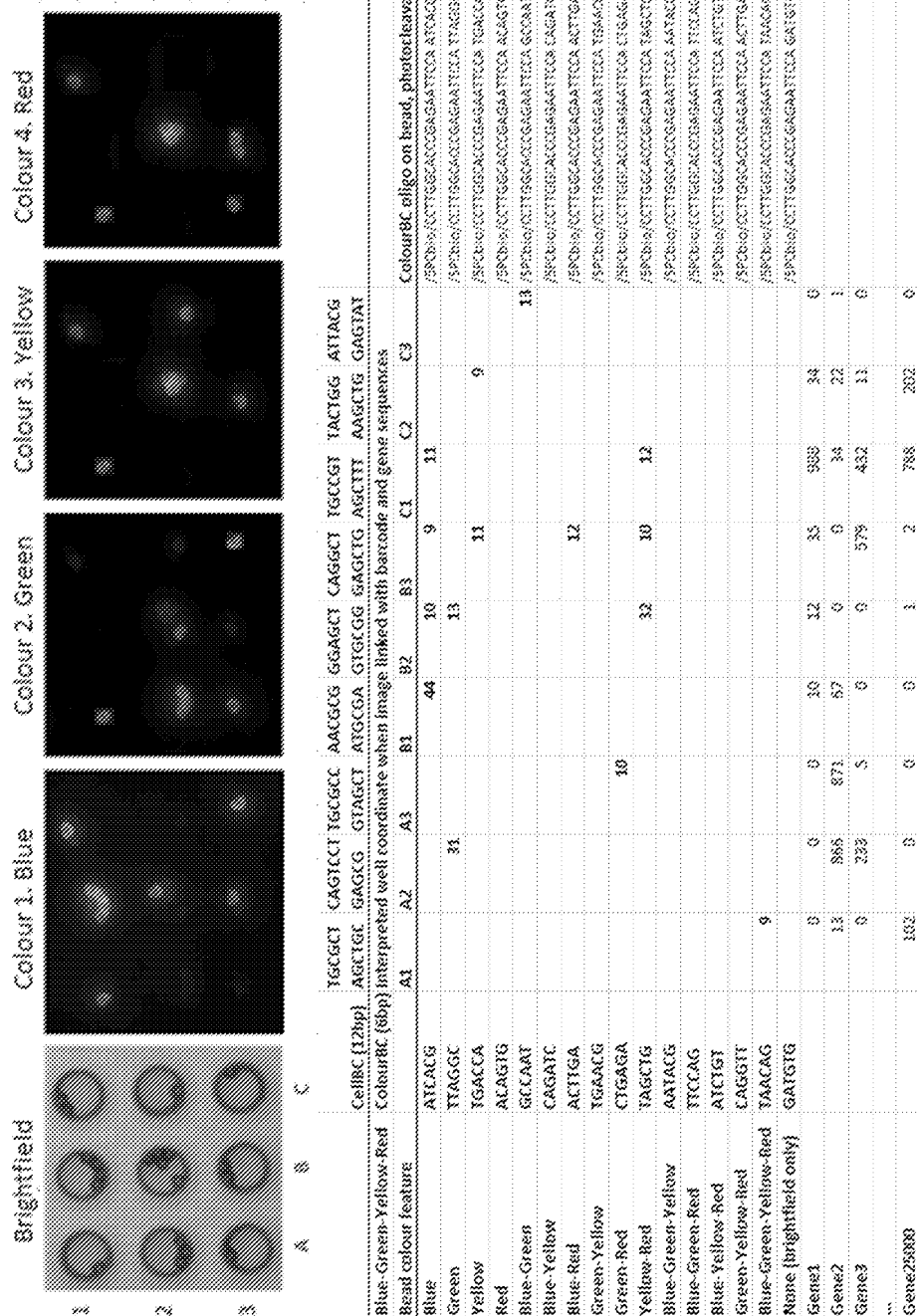


Figure 5.

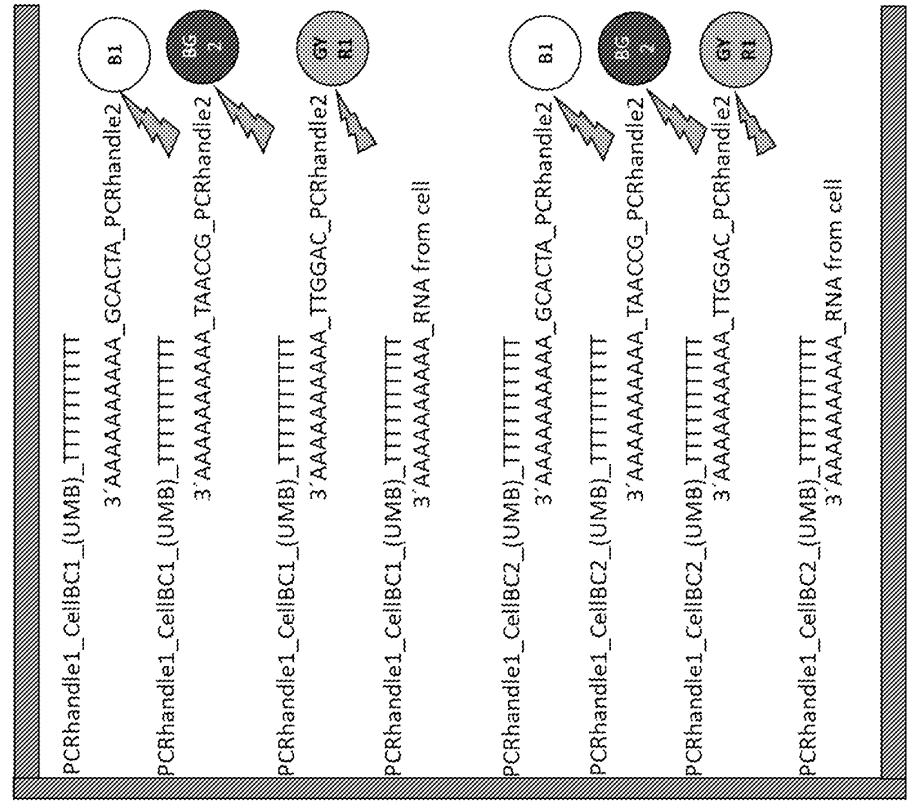


Figure 7.

