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(54) Title of the Invention: **Floating barcodes**
Abstract Title: **Floating barcodes**

(57) Provided herein are systems and sets of oligonucleotides for labeling and analyzing nucleic acid molecules that include index barcodes with pre-determined numbers of index positions. Also provided herein are methods for labeling and analyzing nucleic acid molecules, as well as methods of identifying erroneous sequence reads using the sample and molecular barcodes described herein.

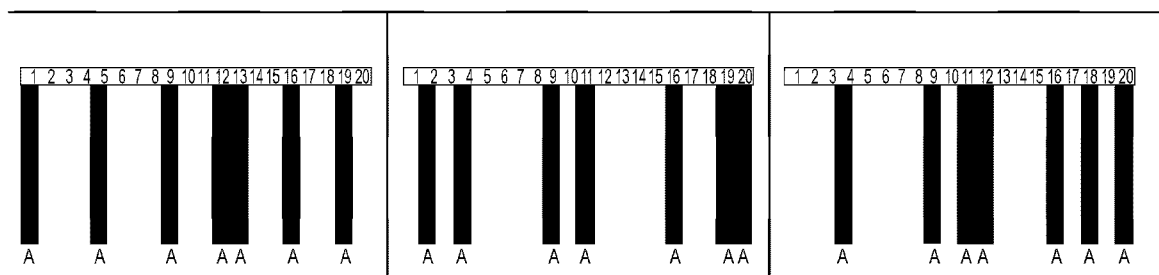
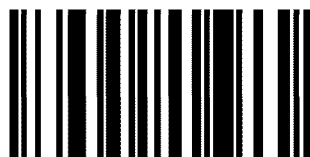


FIGURE 1