

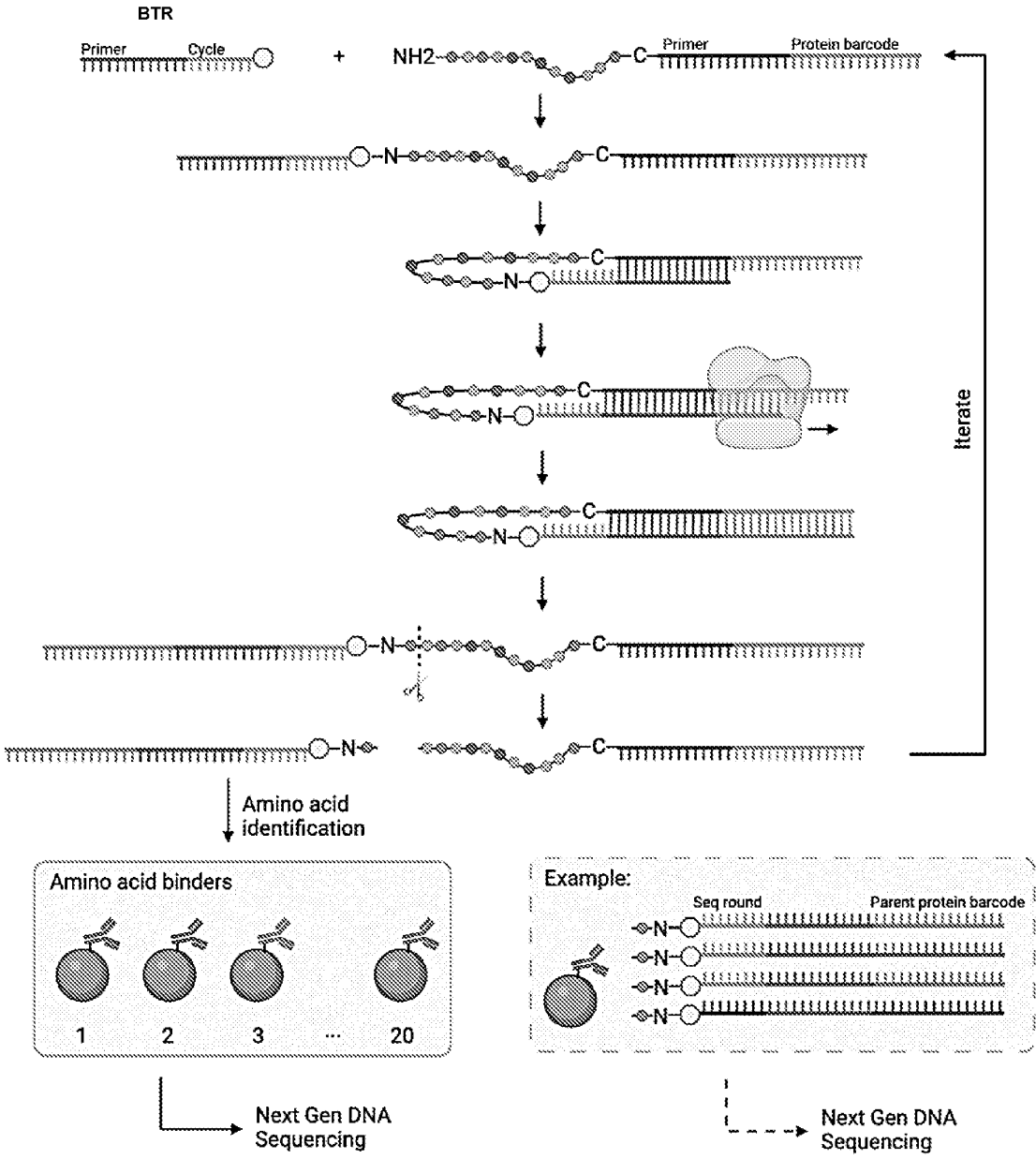


FIG. 1

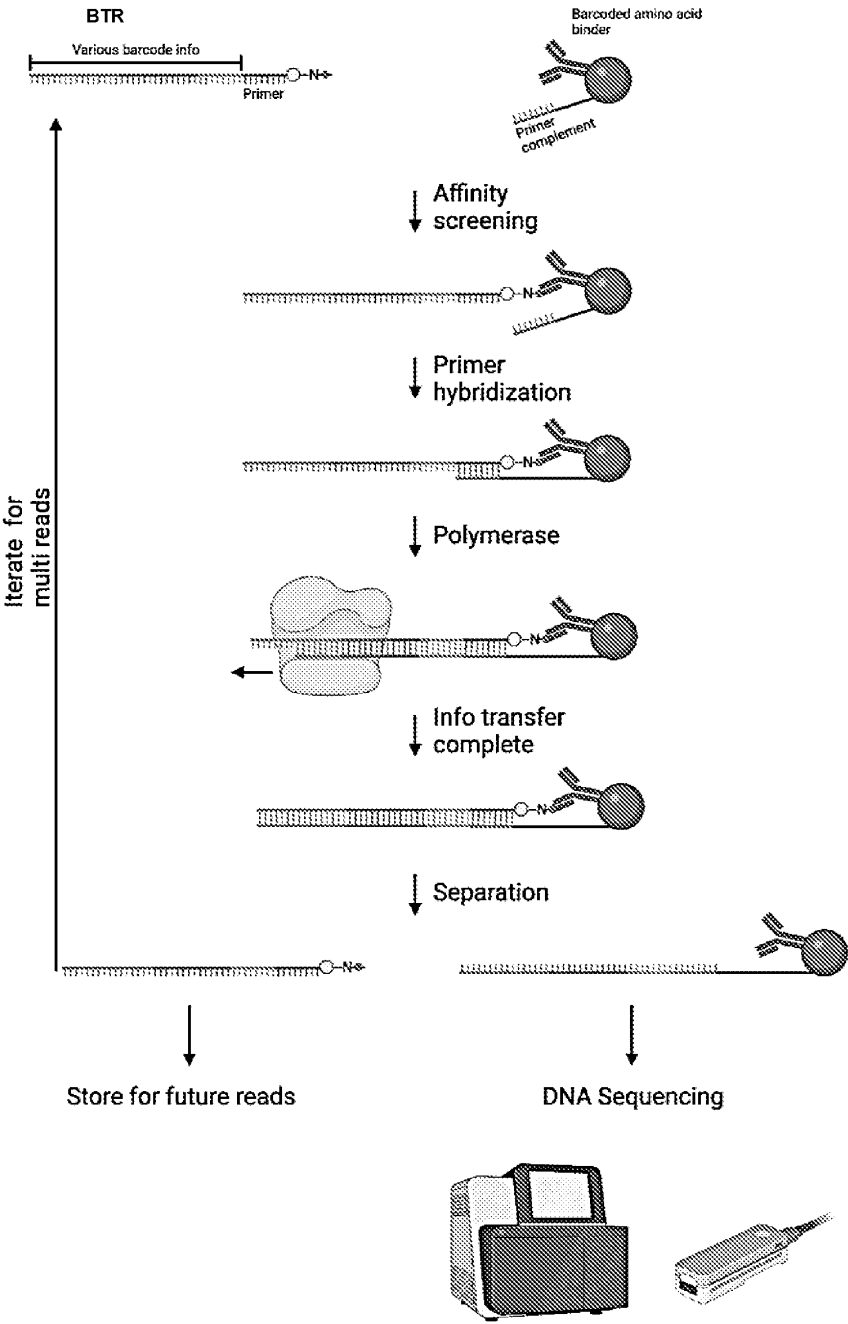


FIG. 2

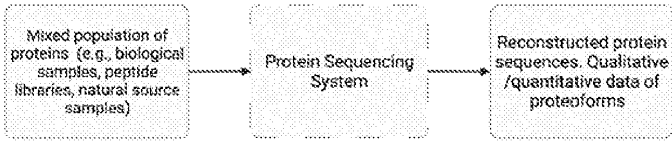


FIG. 3A

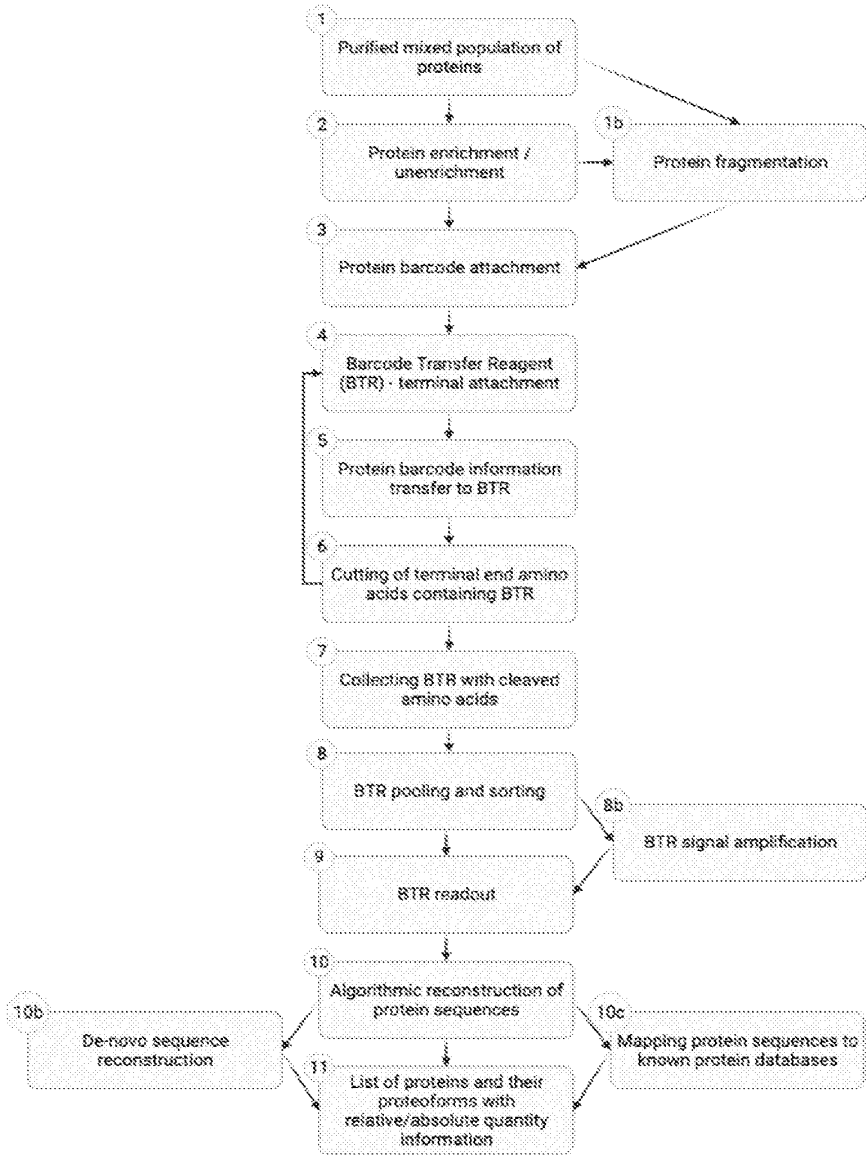


FIG. 3B

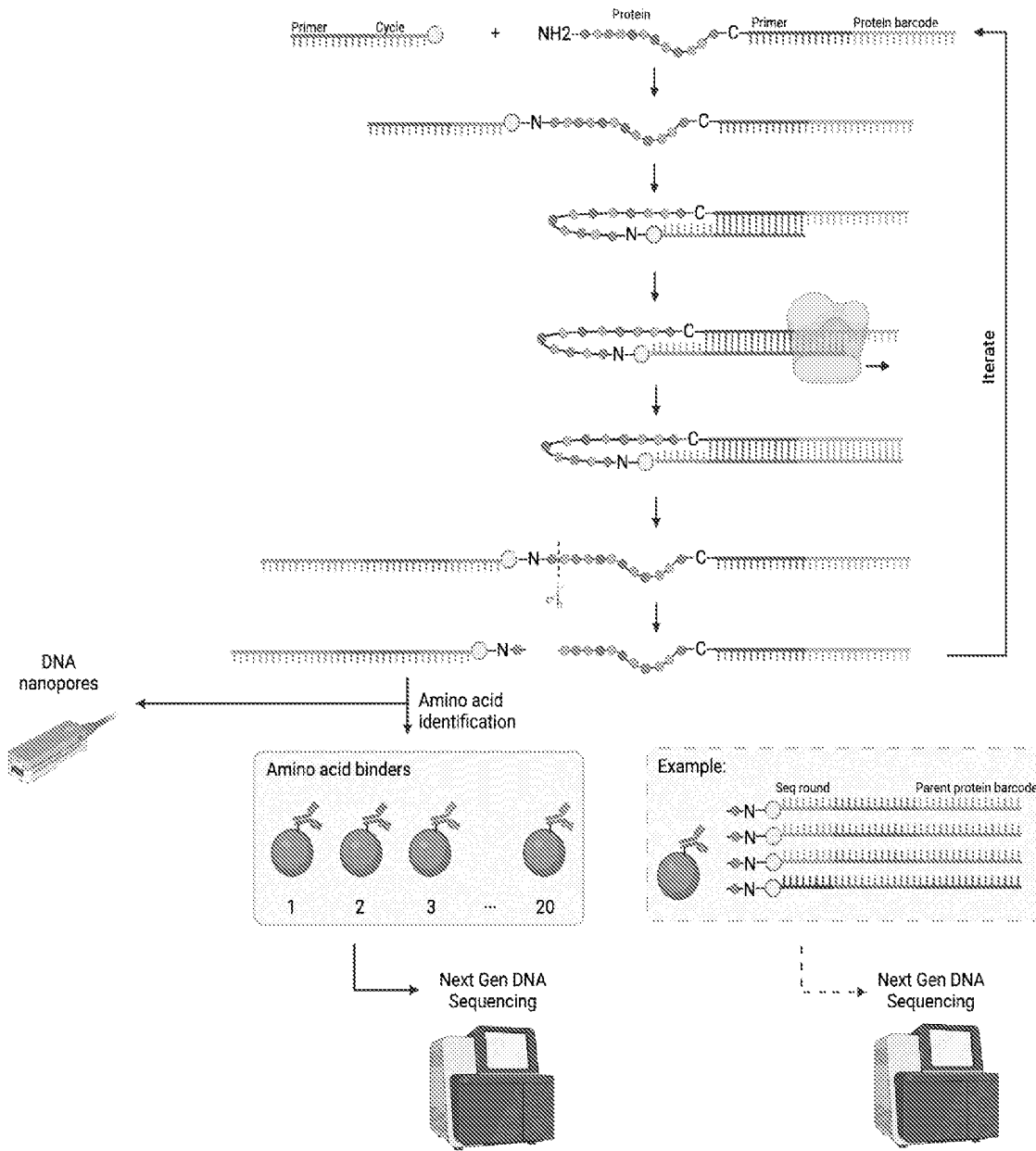


FIG. 4

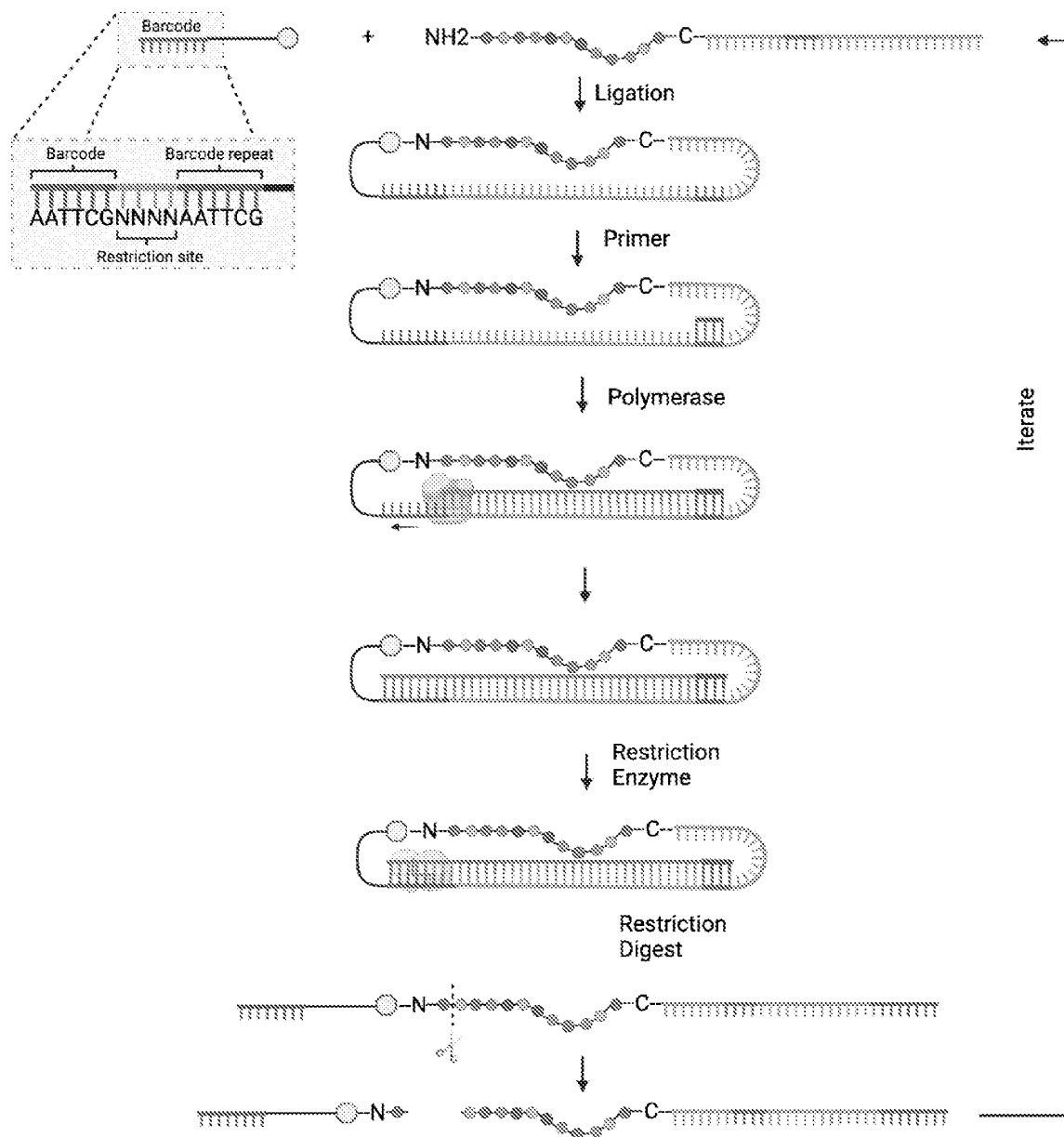


FIG. 5

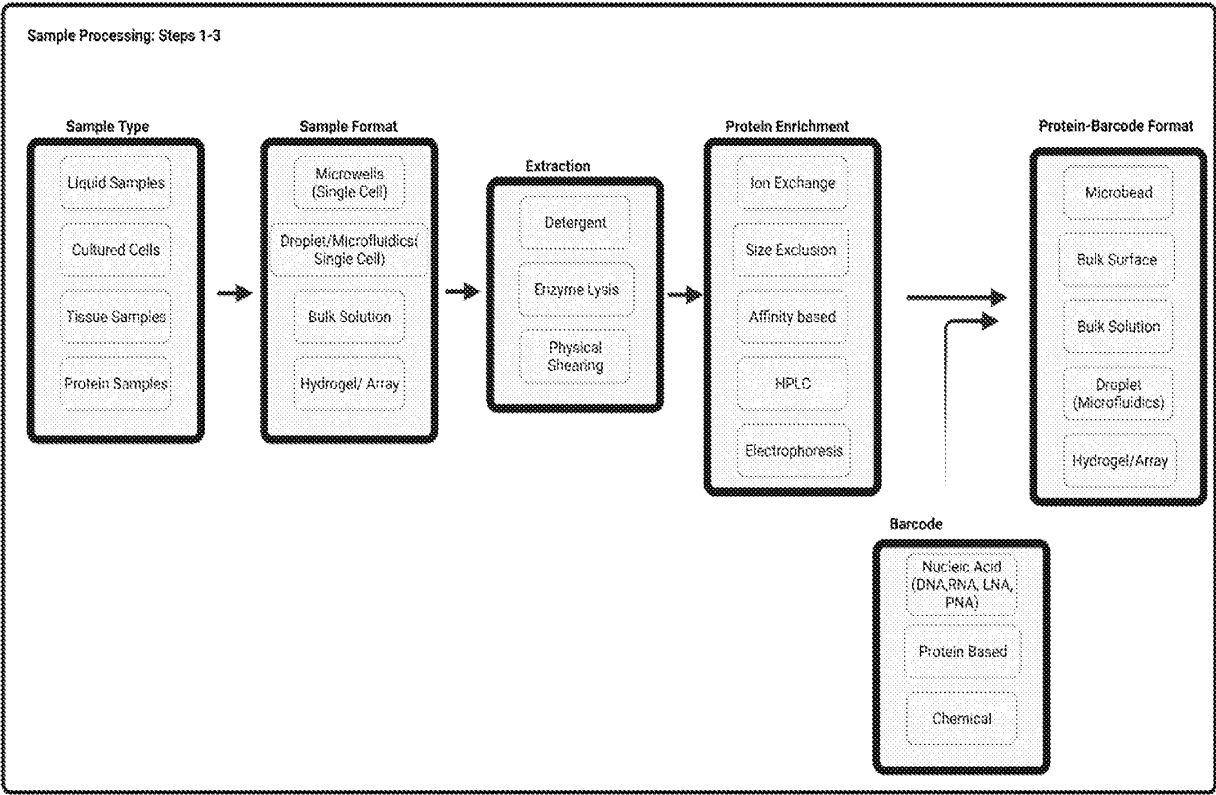


FIG. 6A

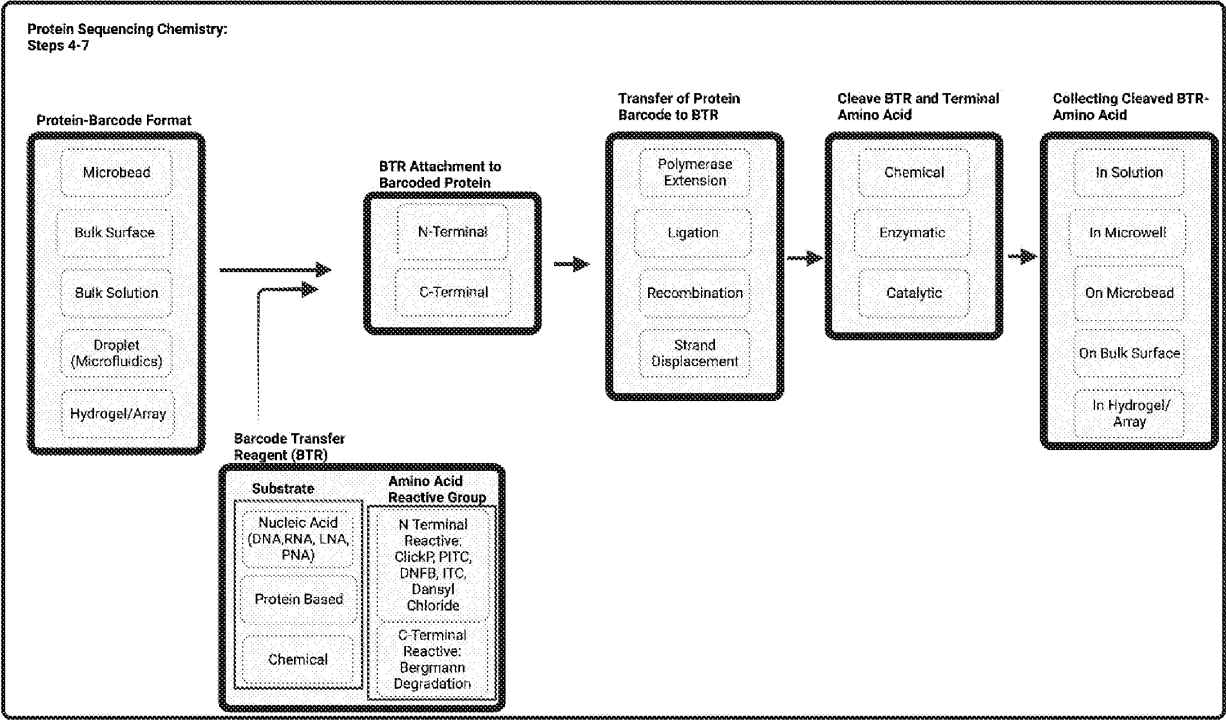


FIG. 6B

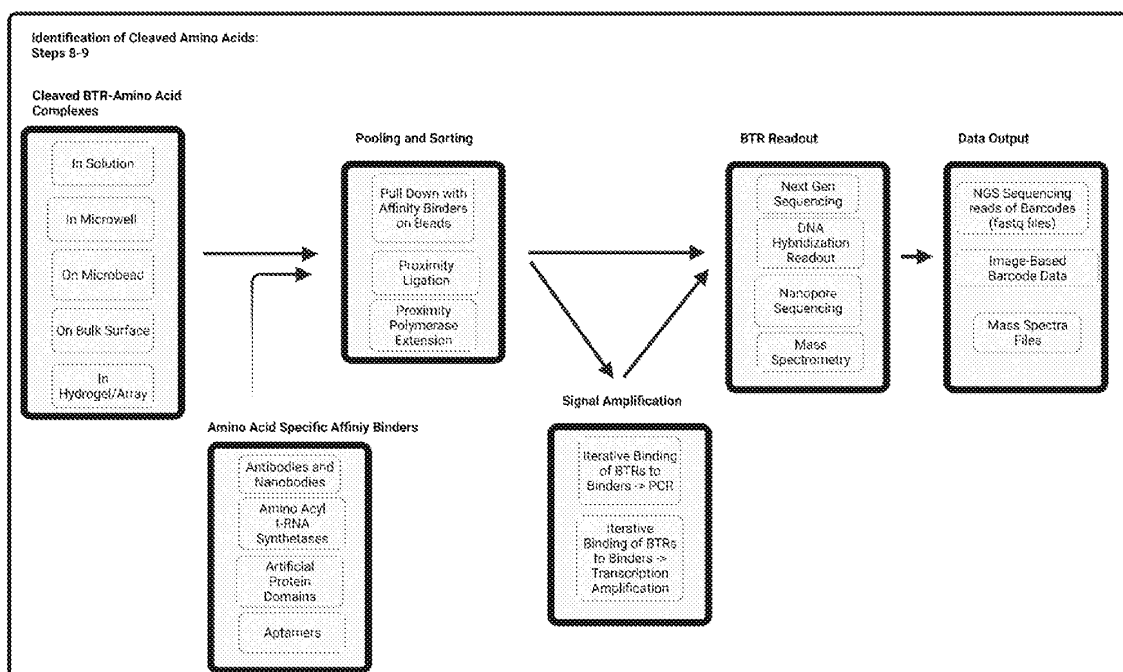
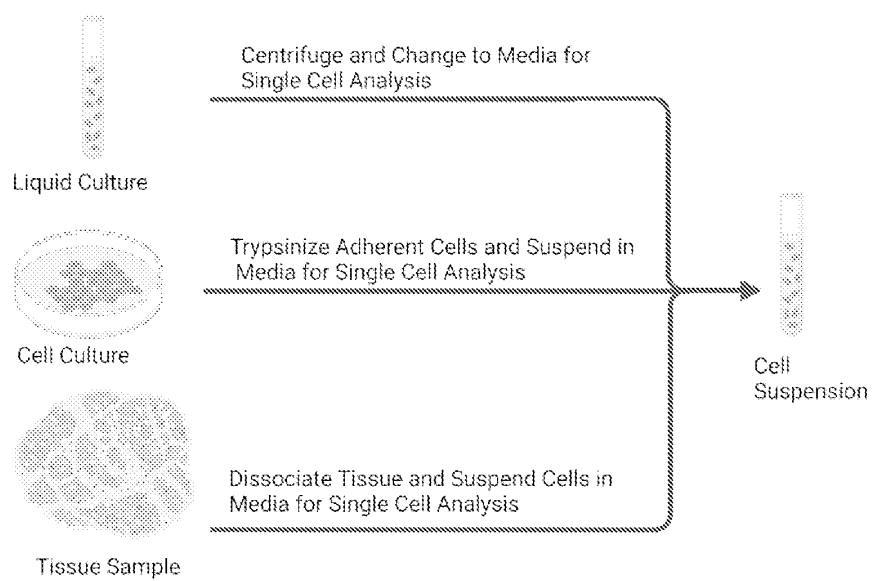


FIG. 6C

**FIG. 7**

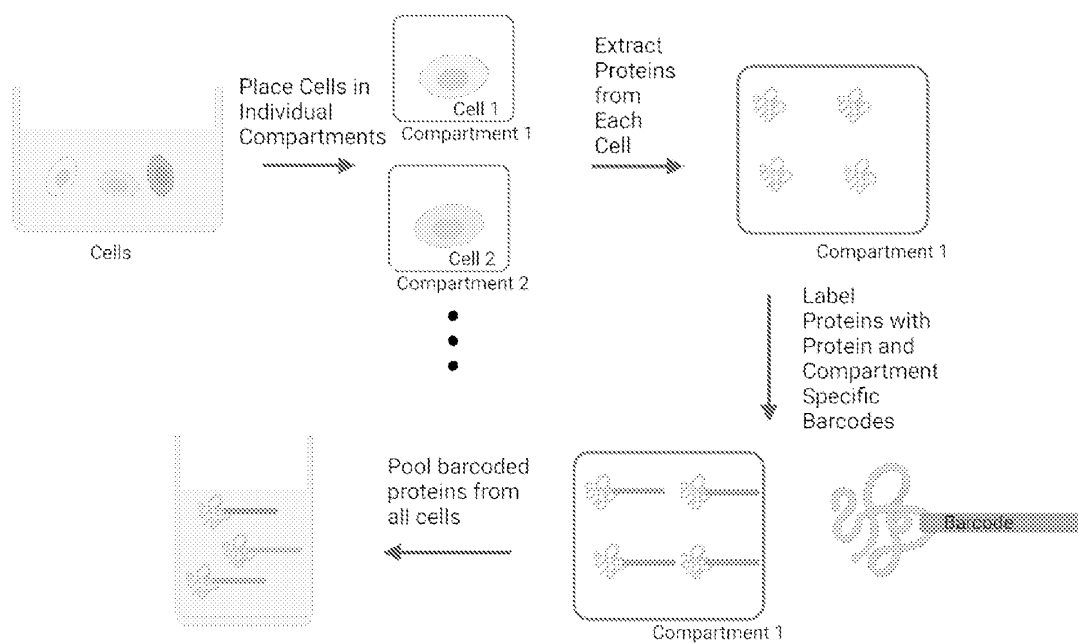
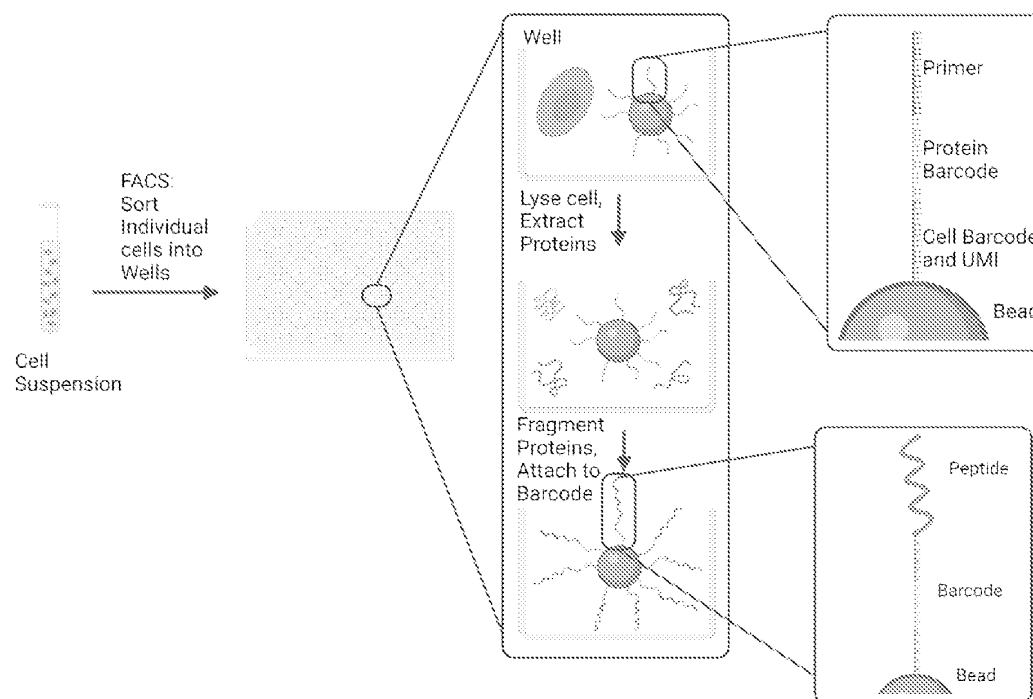


FIG. 8

**FIG. 9**

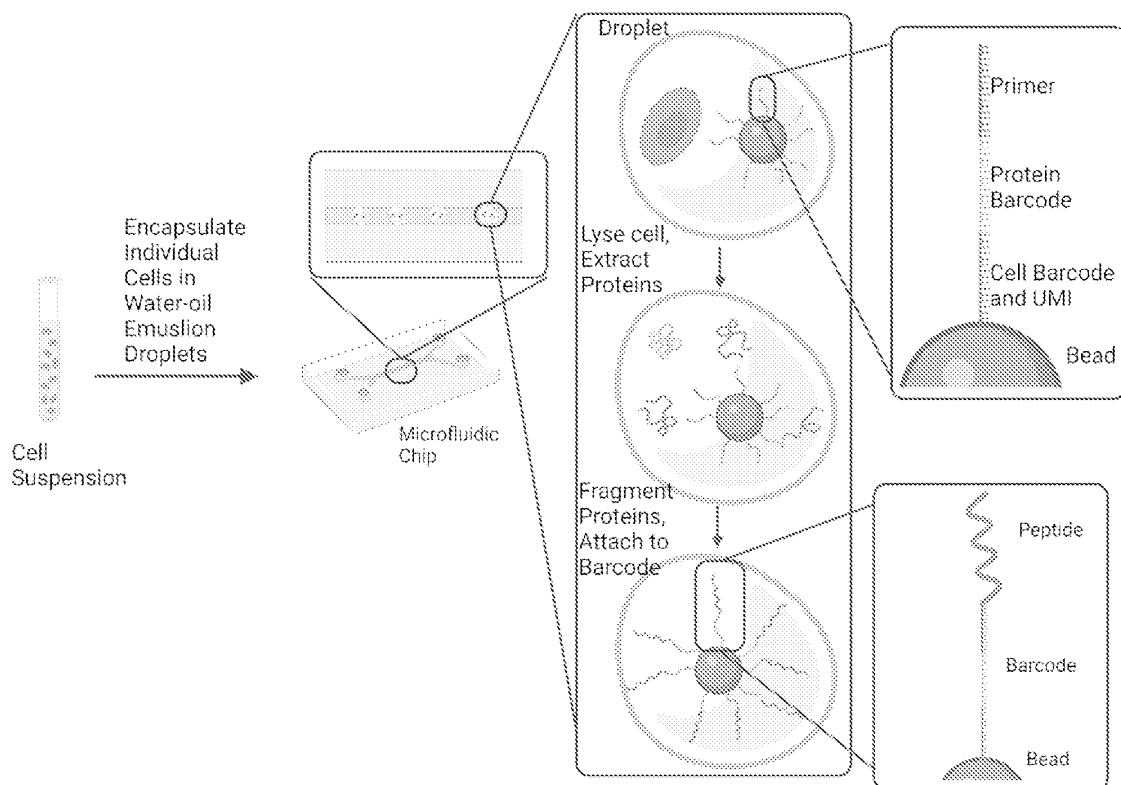


FIG. 10

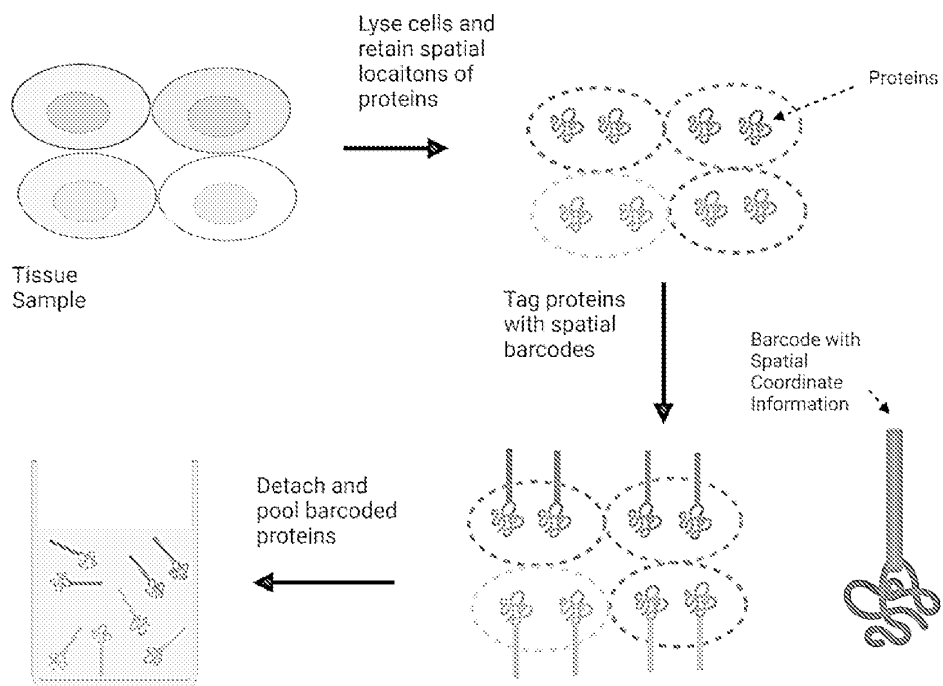


FIG. 11

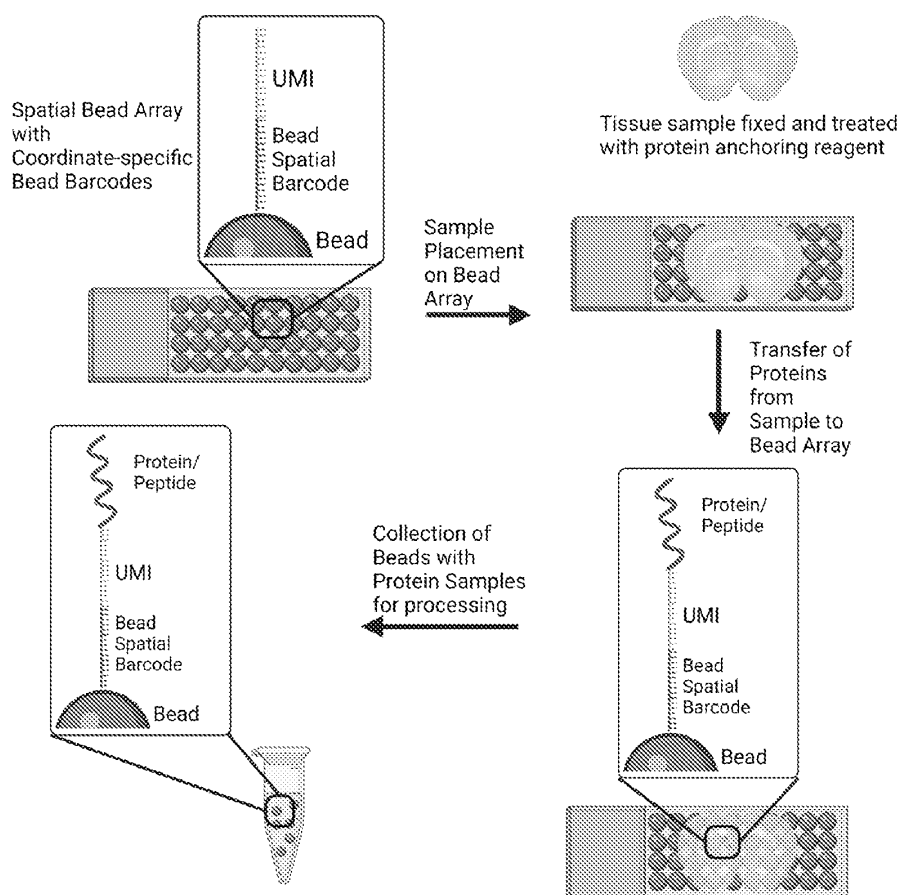


FIG. 12

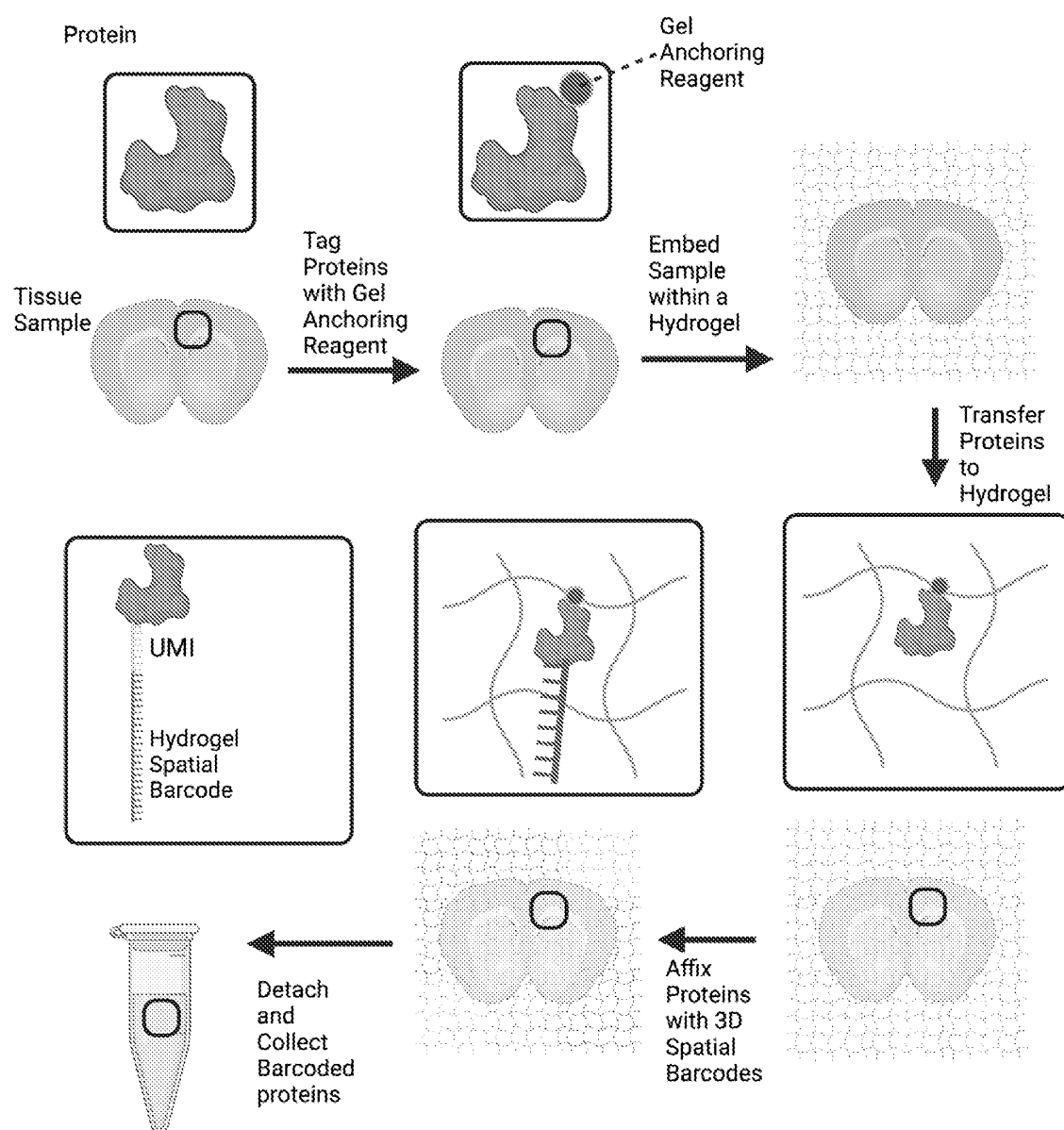
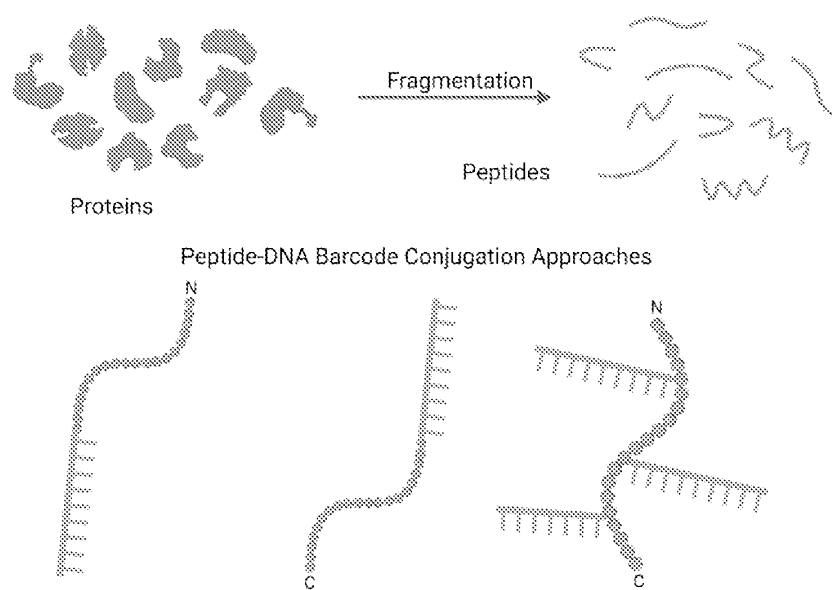


FIG. 13

**FIG. 14**

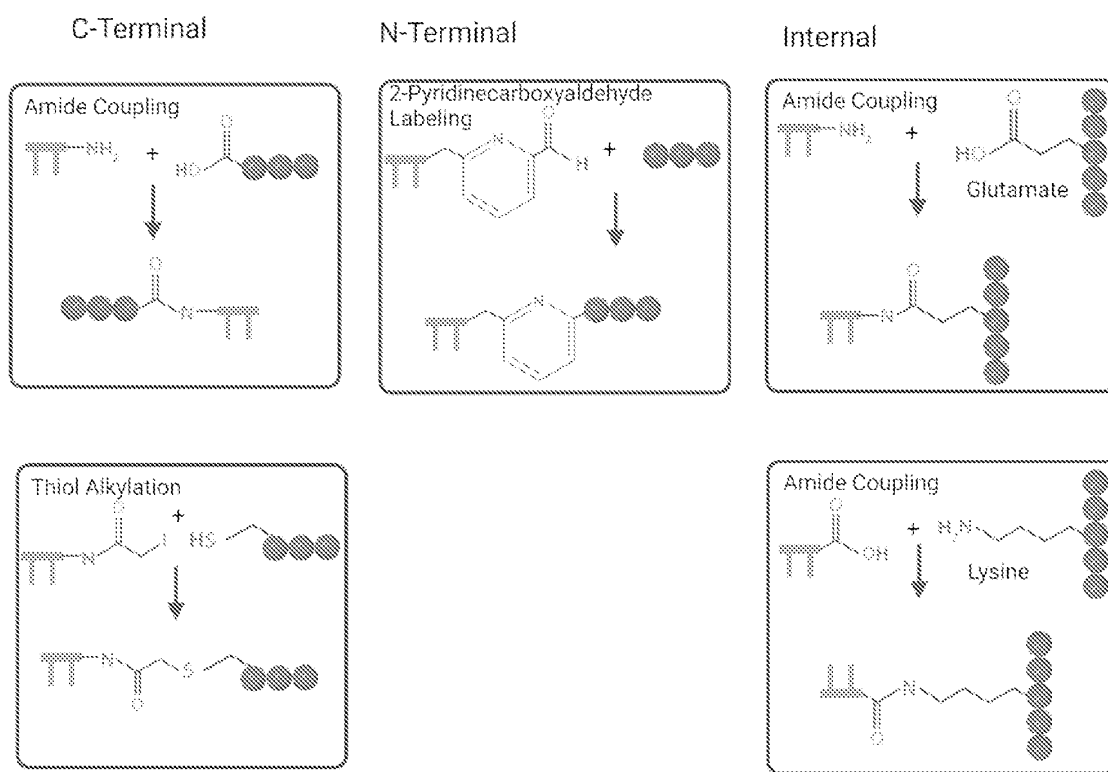


FIG. 15

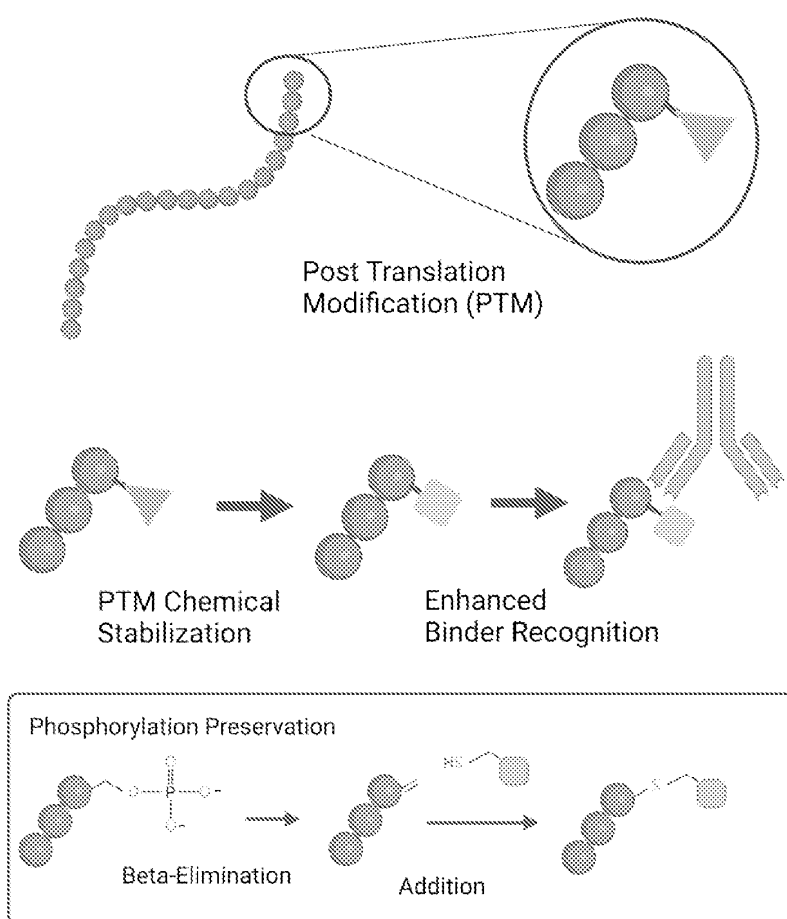
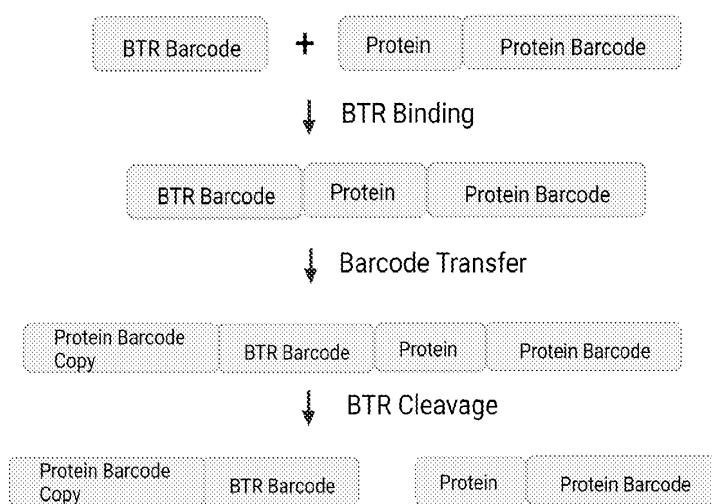
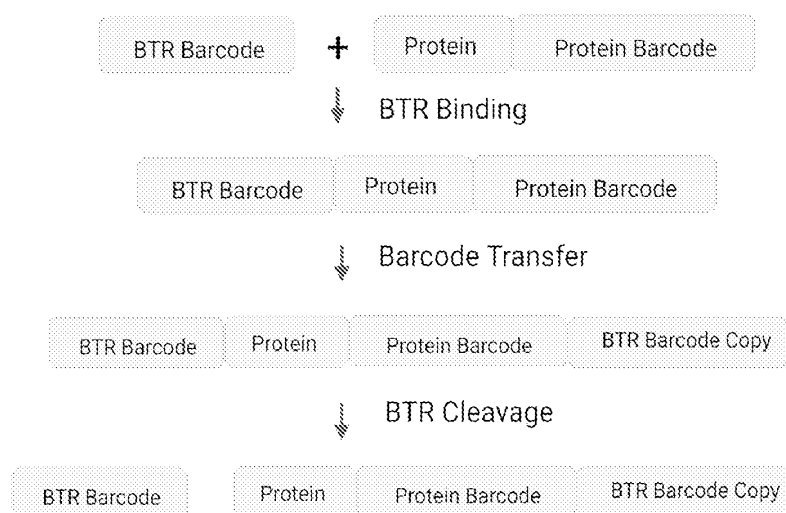
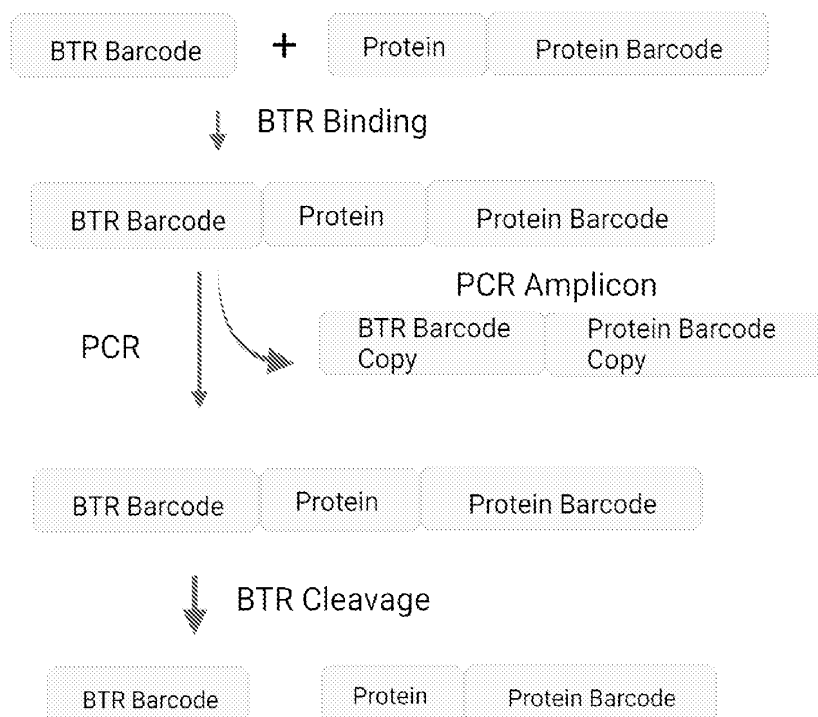


FIG. 16

Barcode Transfer Option 1**FIG. 17A**

Barcode Transfer Option 2**FIG. 17B**

Barcode Transfer Option 3**FIG. 17C**

Ligation-Based BTR Information Transfer to Protein Barcode

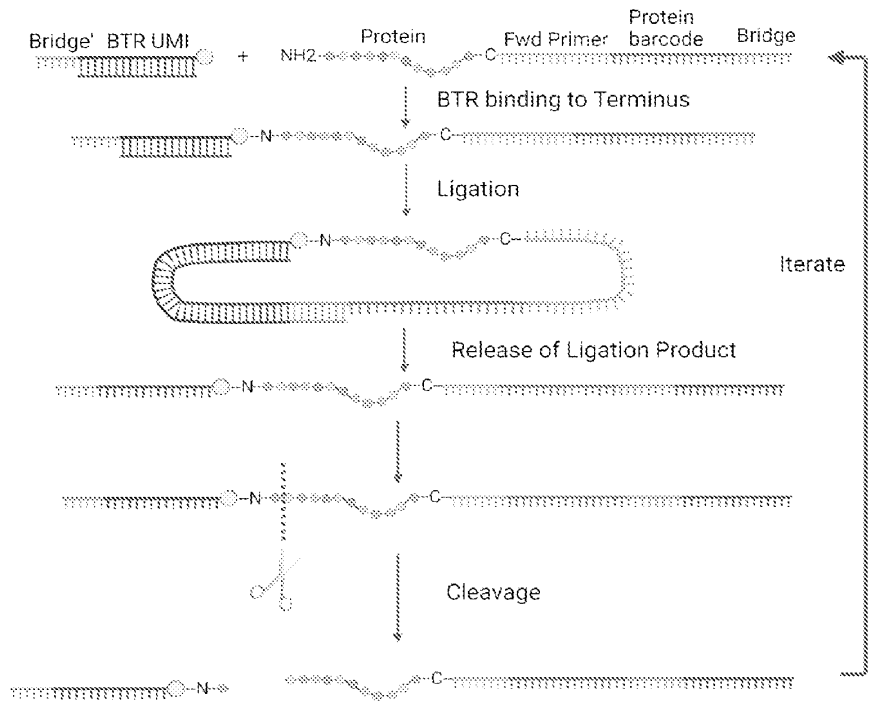


FIG. 18A

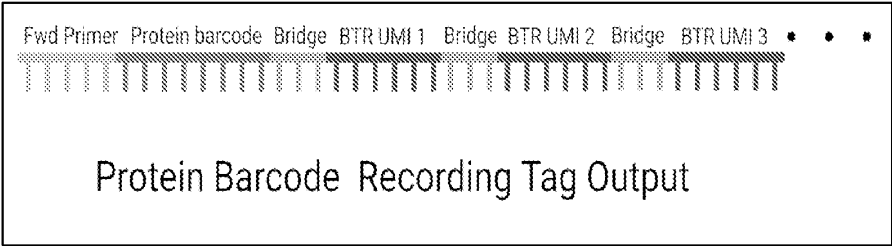


FIG. 18B

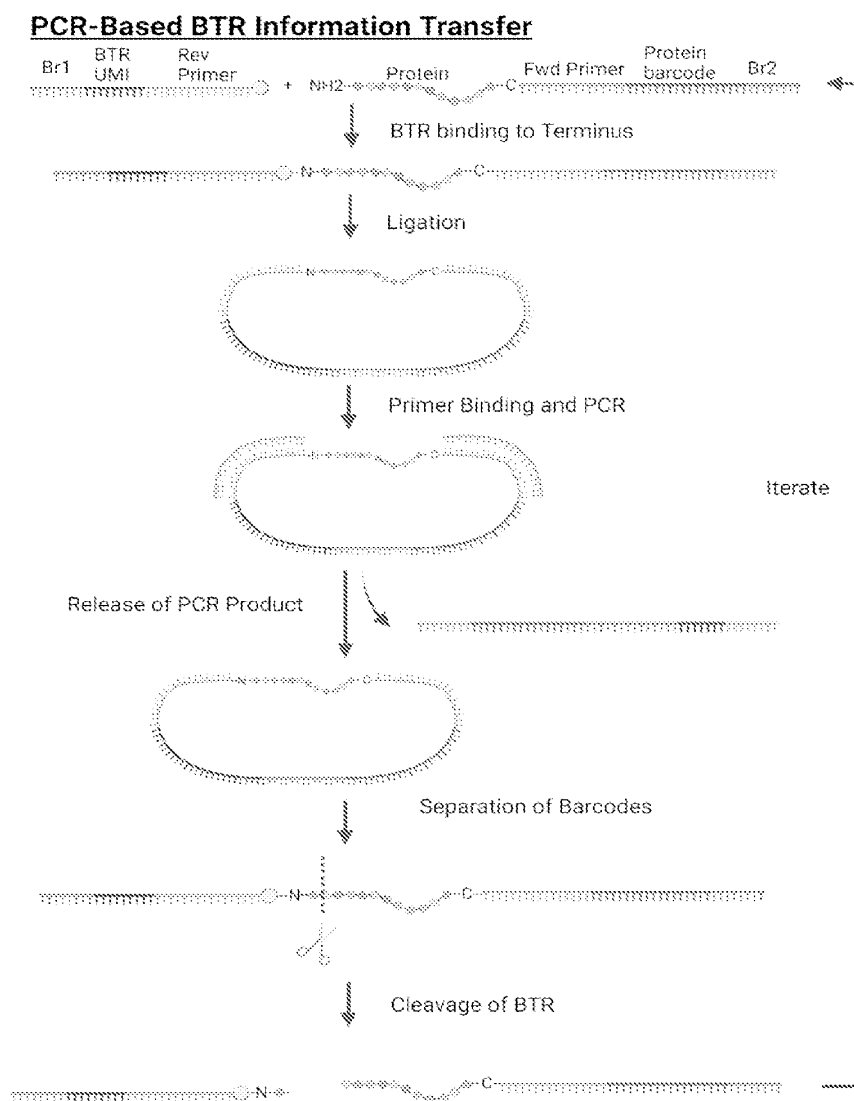


FIG. 19

BTR-AC and Binder Information Transfer Option 1



FIG. 20A

BTR-AC and Binder Information Transfer Option 2

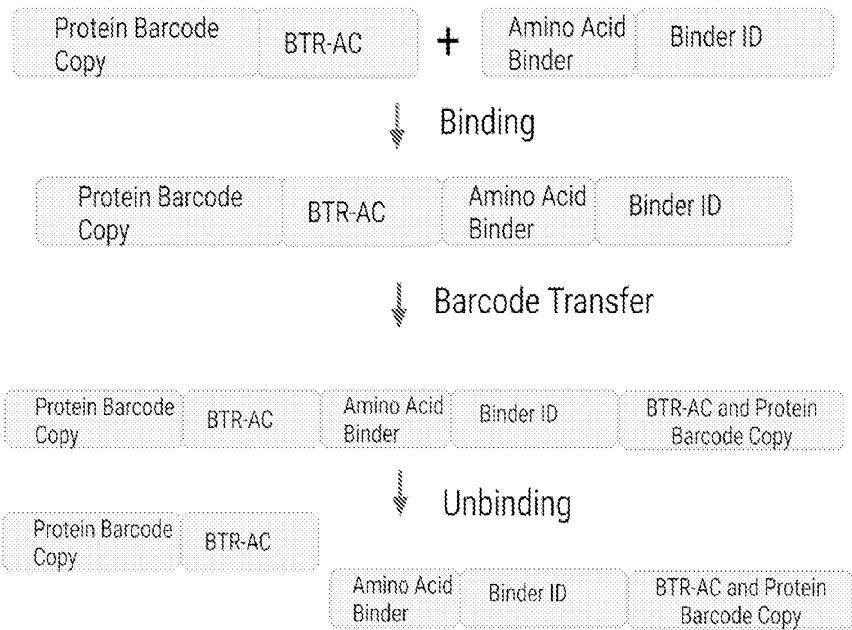


FIG. 20B

BTR-AC and Binder Information Transfer Option 3

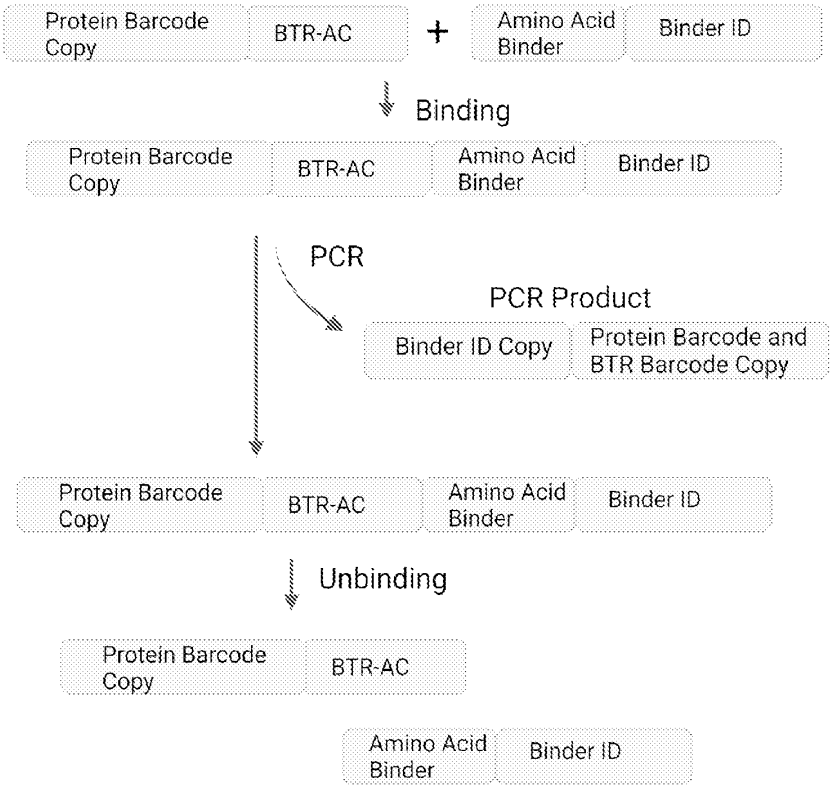


FIG. 20C

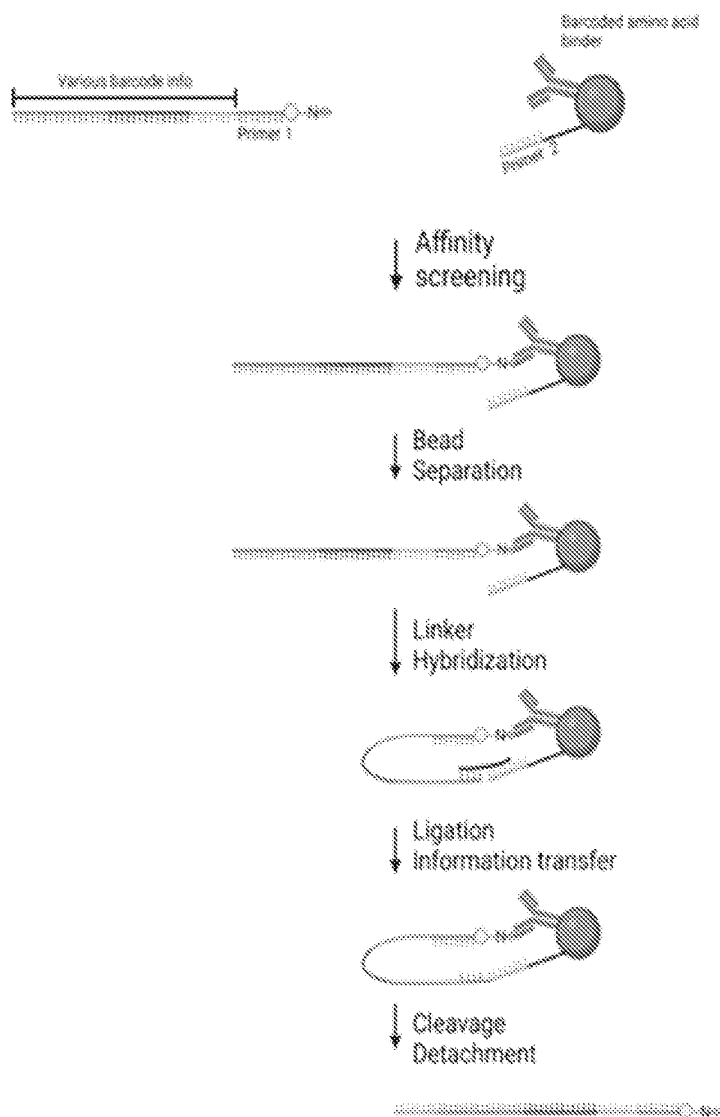
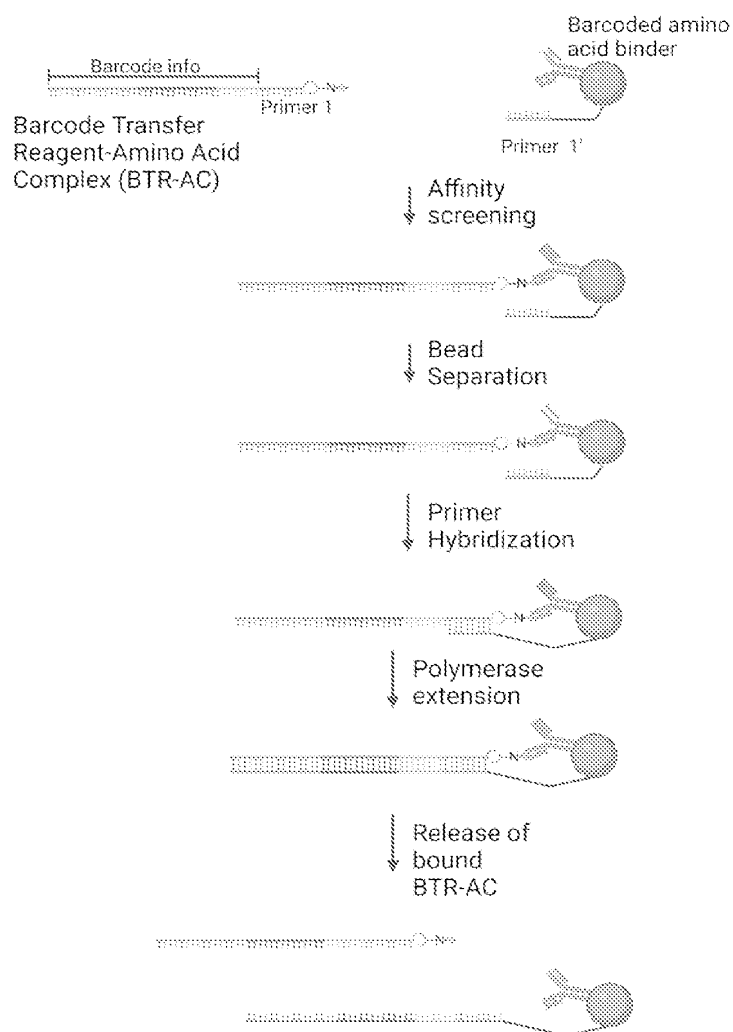


FIG. 21

BTR-AC Binding to Amino Acid Specific Binder and Information Transfer

**FIG. 22**

**BTR-AC Binding to Amino Acid Specific Binder and
Information Transfer via PCR**

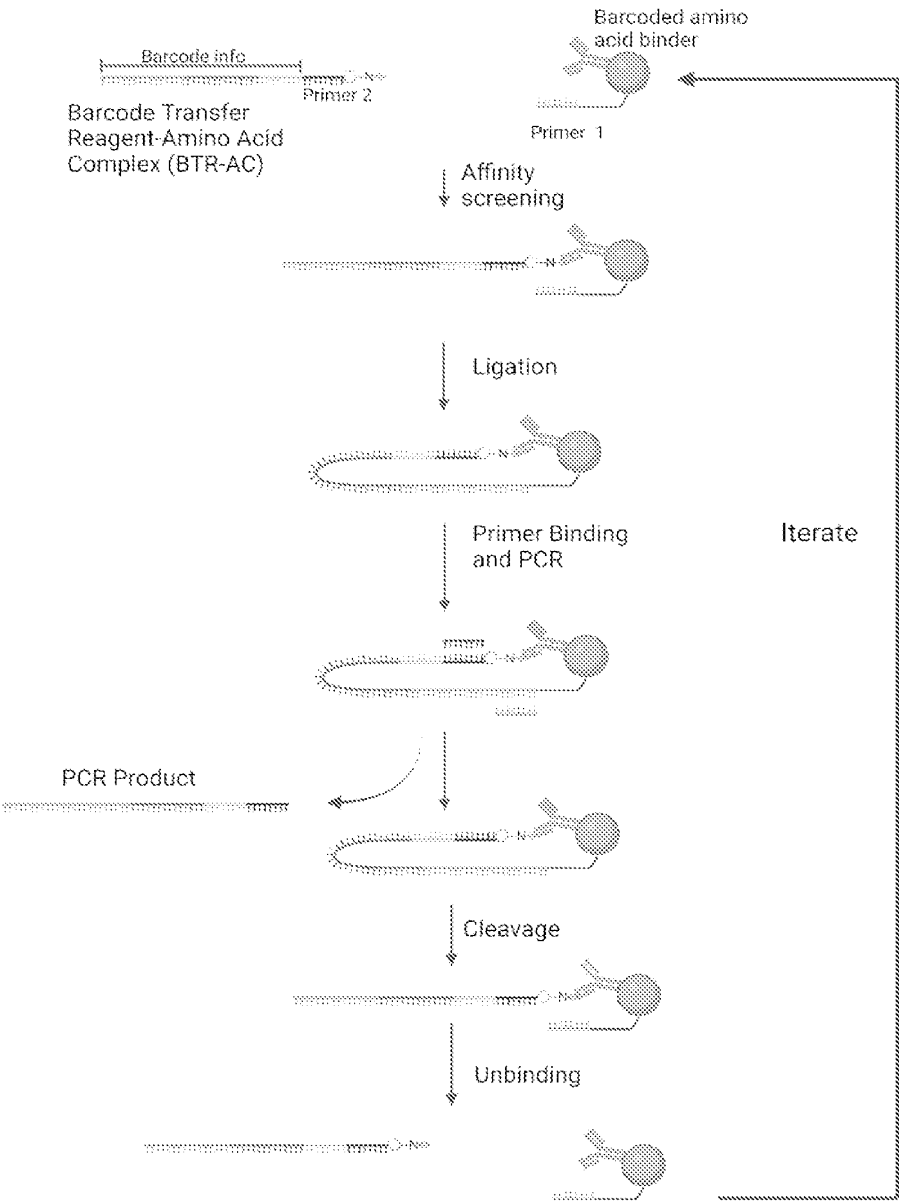
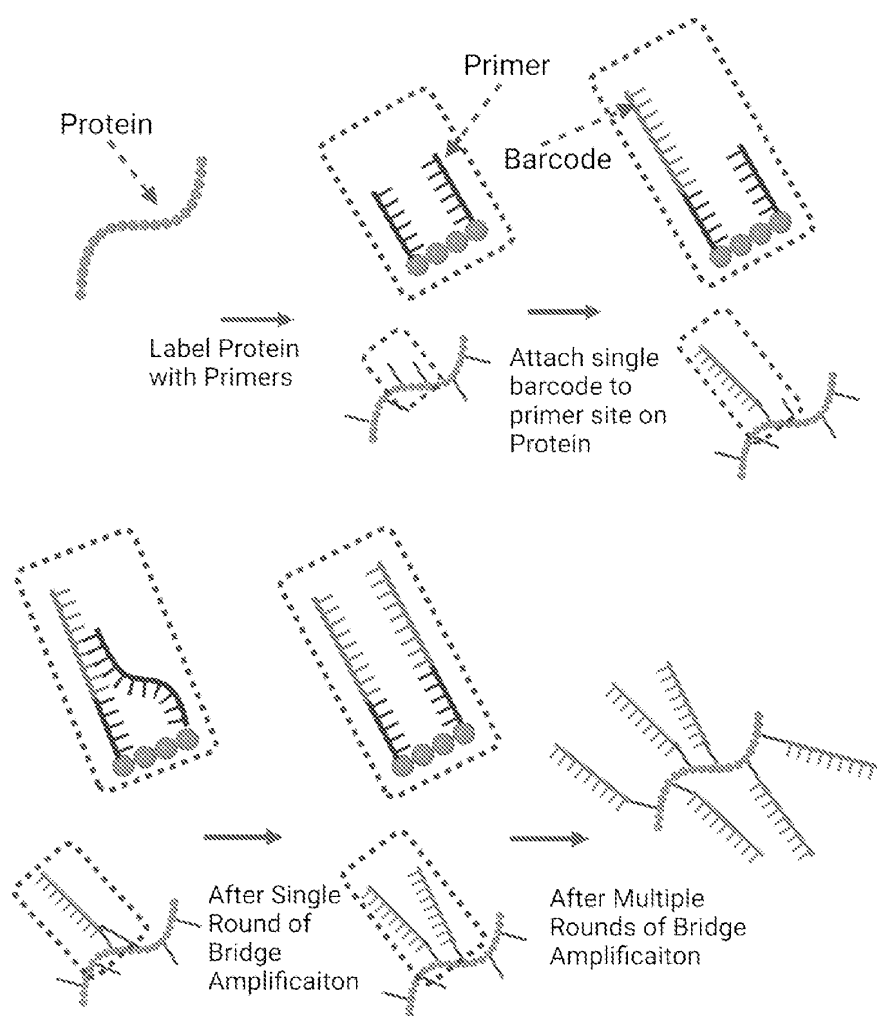


FIG. 23

**FIG. 24**

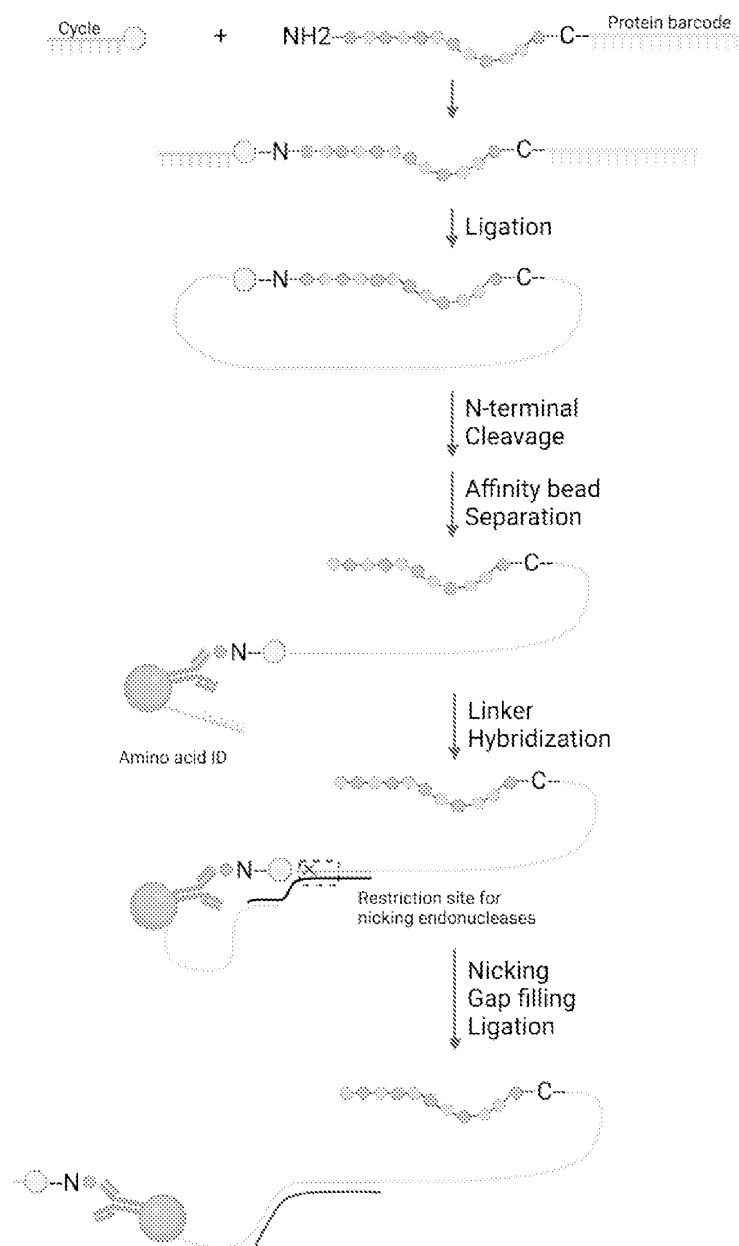


FIG. 25

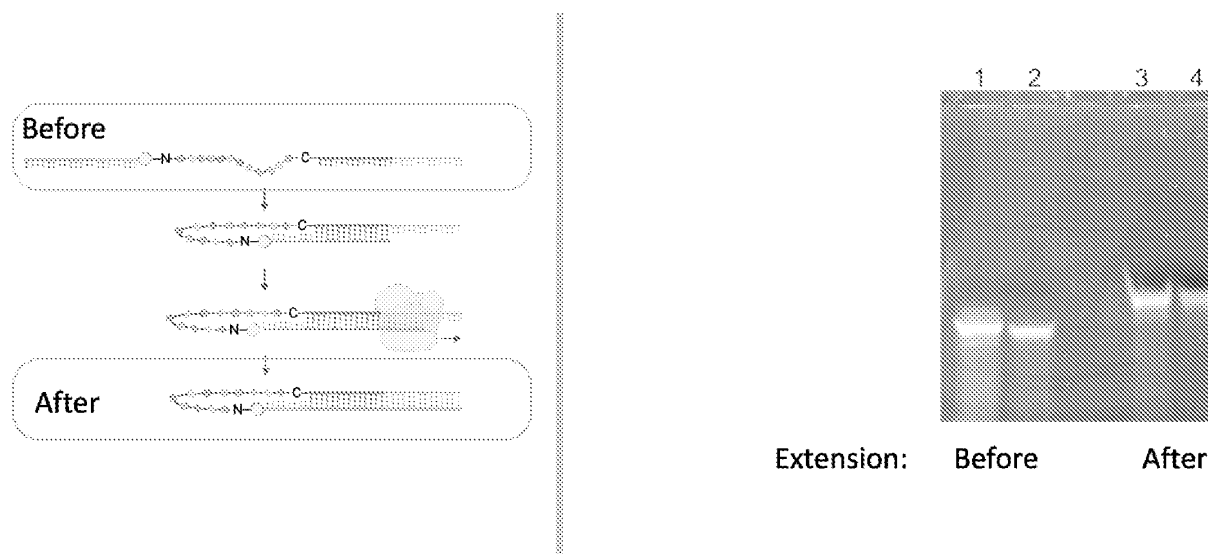


FIG. 26

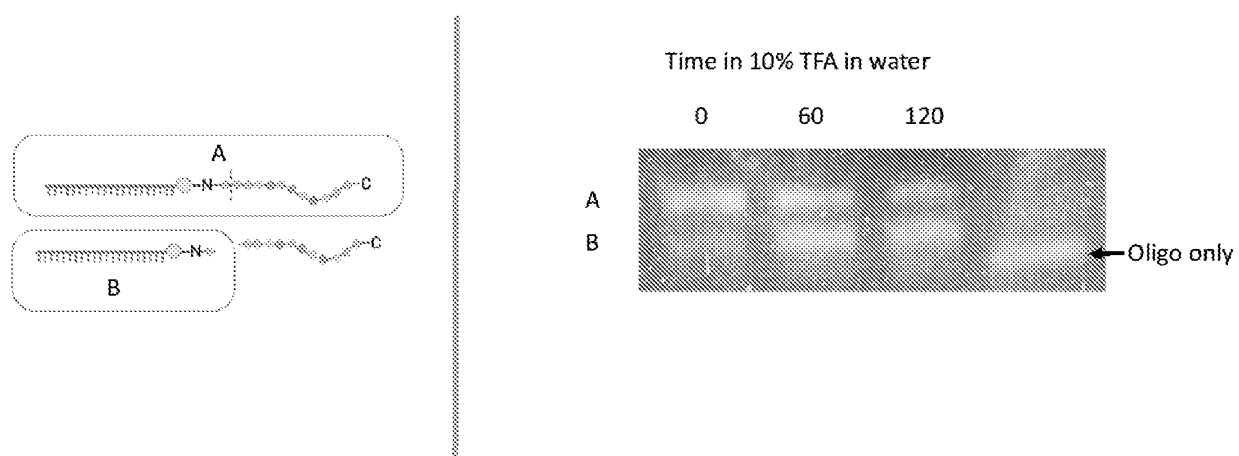


FIG. 27

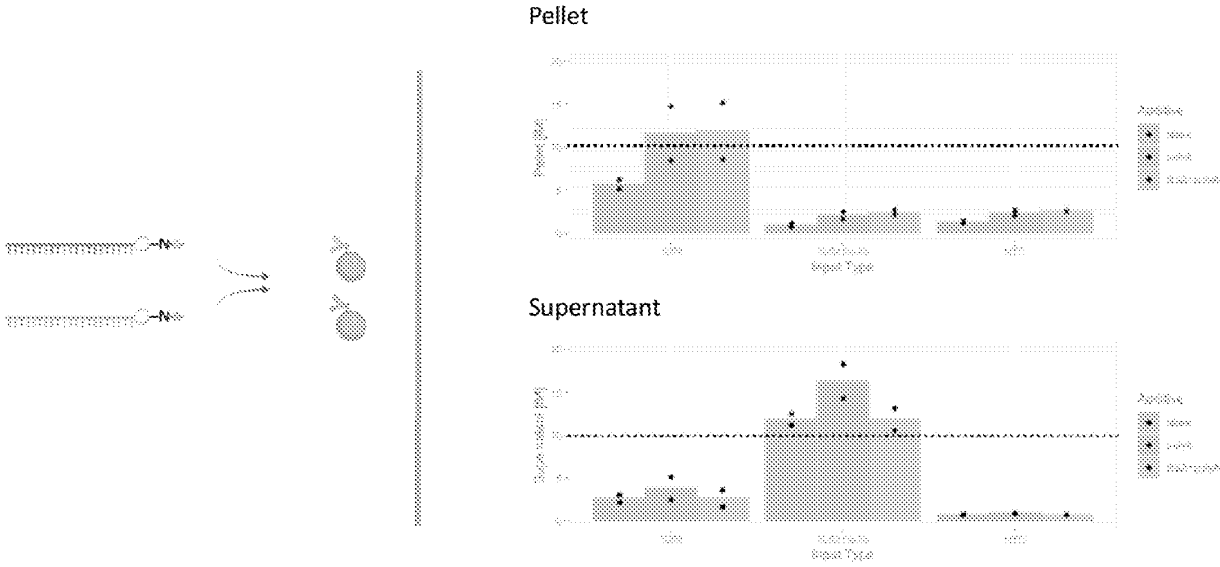


FIG. 28

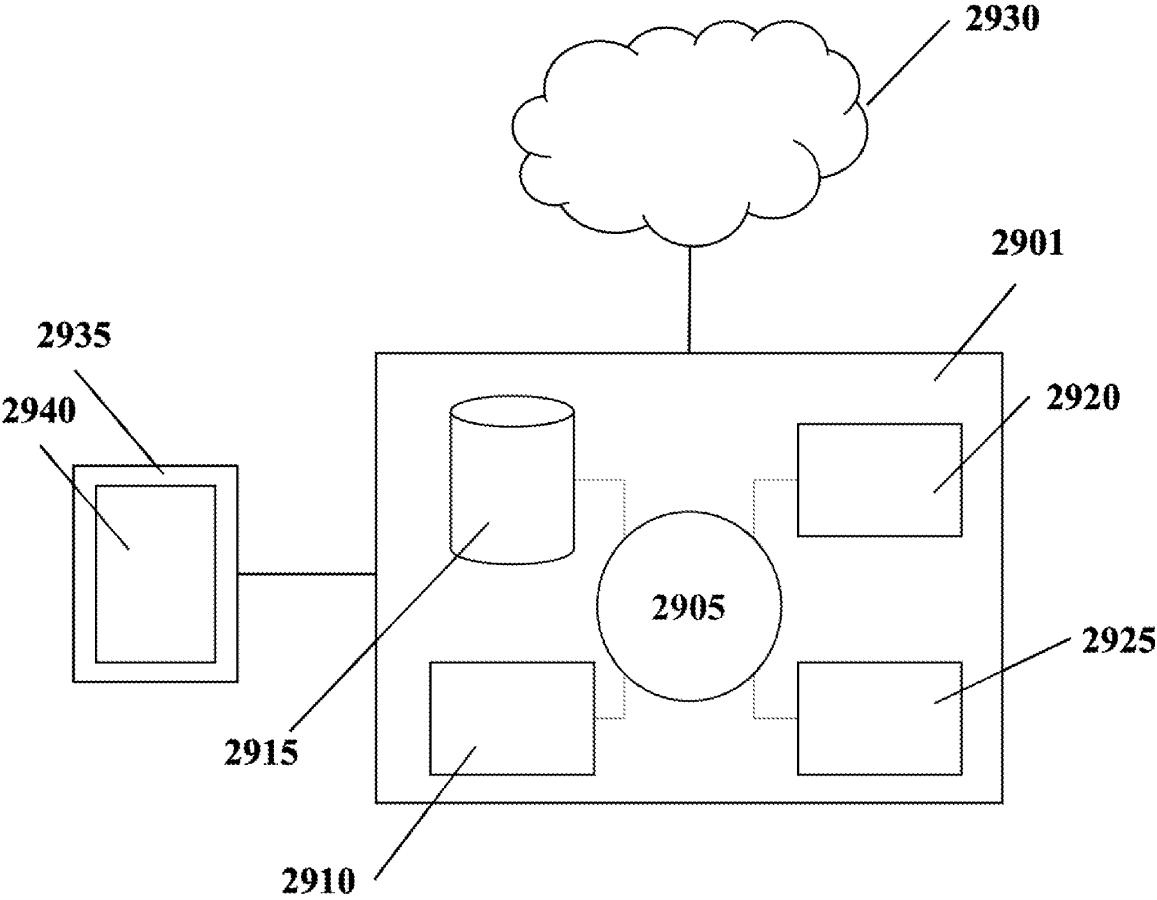


FIG. 29