TITLE OF INVENTION: NEXT-GENERATION SEQUENCING FOR PROTEIN MEASUREMENT

ABSTRACT

Tri-molecular complexes and related systems for quantifying the abundances of target molecules in a biological sample are provided. The disclosed tri-molecular complexes each include an aptamer, a first capture probe hybridized to a first portion of the aptamer, and a second capture probe hybridized to a second portion of the aptamer. The second capture probe further includes an aptamer identification sequence that may be used to identify the aptamer, and thereby to identify the target molecule to which the aptamer is configured to bind.

[FIG. 3A]