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(54) Title: METHODS AND COMPOSITIONS FOR HIGH-THROUGHPUT PROTEIN DELIVERY, SCREENING, AND DETEC-
TION

(57) Abstract: Methods and systems for delivery using one or more delivery particles (e.g., virions (e.g., AAV), lipid-based delivery
particles, etc.) of one or more cargos (e.g., cargo polypeptides) and subsequent quantification of an abundance of one or more cargos
(e.g., proteins) in a mixture (e.g., a complex mixture (e.g., in vivo)) using barcodes (e.g., peptide barcodes), binders (e.g., polypeptide
binders), and binding agents (e.g., phage) are provided herein.

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