

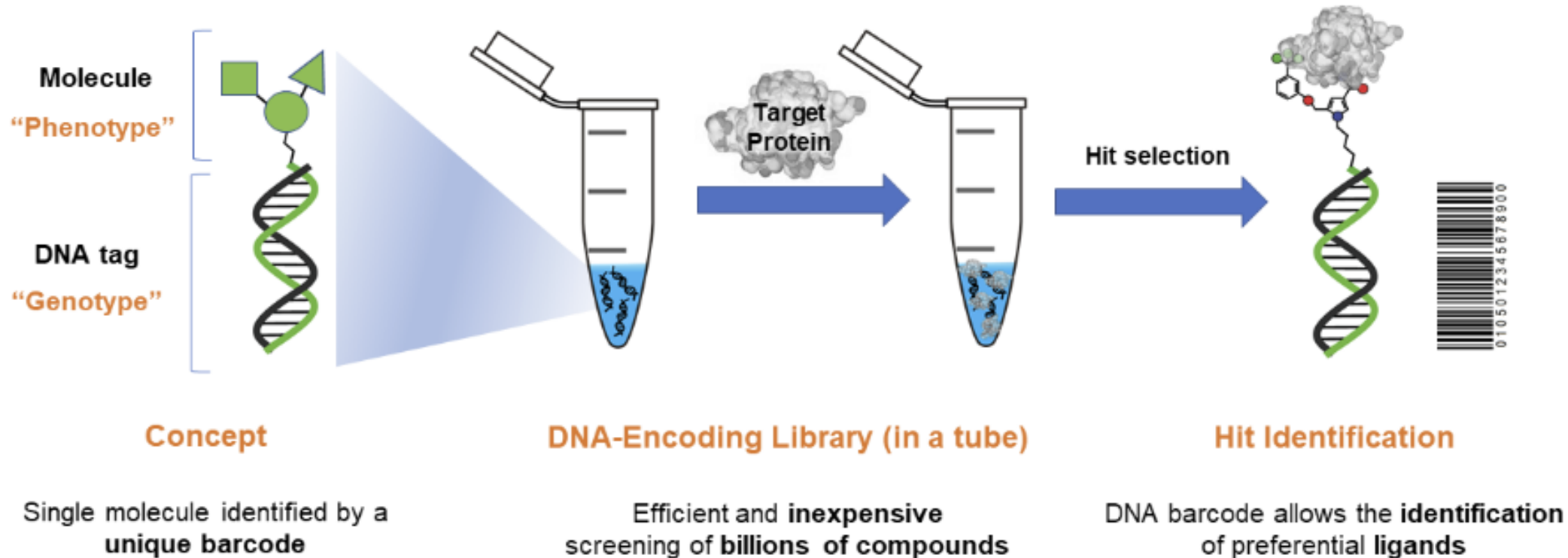


Methods in Drug Development

DNA encoded libraries

Principle

The Principle of DNA-Encoded Chemical Libraries



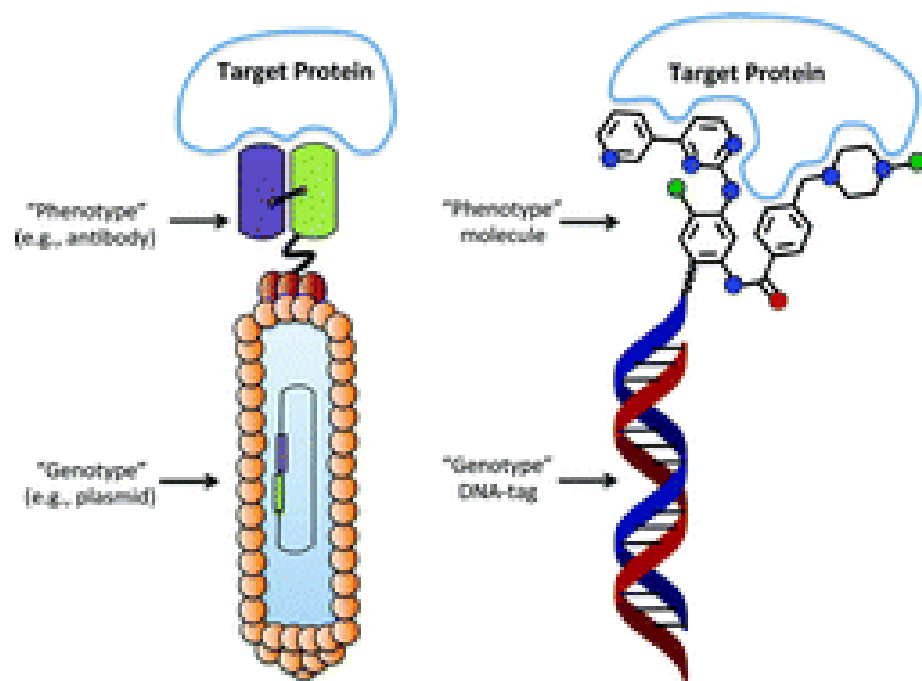
Motivation / expectation



Conventional HTS platform

- Smaller infrastructure (and cost)
- Larger libraries ($> 10^9$ versus 1-2 million)

History



- Inspired by phage display
- Applied to small molecule drug development
- Brenner & Lerner, PNAS 1992