

# **Library Construction**

 Extensive experience in designing and constructing high-complexity pooled libraries

• Delivering custom libraries in as fast as 6 weeks



## **Custom Library Construction Services**

Starting from \$2,300

#### **CRISPR Library**



- · Various CRISPR technologies
- >98% coverage of designed gRNAs

#### shRNA Library



- · Wide range of complexity
- >98% coverage of designed shRNAs

#### **Barcode Library**



- >108 diversity
- High uniformity and unbiased nucleotide distribution

# Enhancer/ Promoter Library



- · High signal-to-noise ratio
- Incorporation of barcode and reporter

#### **Mutation Library**



- >108 complexity
- · Diverse approaches

#### **AAV Capsid Library**



- · High complexity
- In vivo screening including NHP

### **Premade Pooled Libraries**

Starting from \$1,999

#### **CRISPR Lentivirus Libraries Offered**



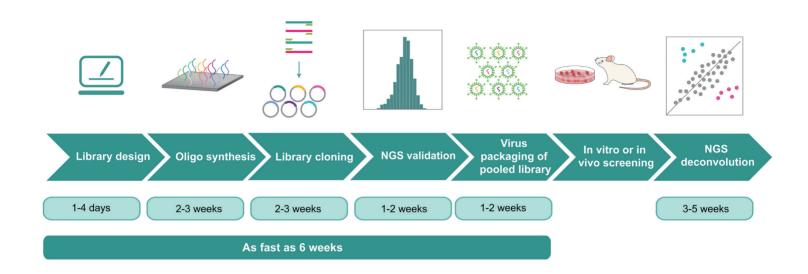
- Whole-Genome CRISPR KO / CRISPRa / CRISPRi Libraries
- · Pathway-Specific CRISPR KO Libraries

#### shRNA Lentivirus Libraries Offered



- Mouse Elite Gene / Whole-Genome Libraries
- · Human Elite Gene / Whole-Genome Libraries

# (§) VectorBuilder



# **Case Study**

