

## Genome-CRISP™ CRISPR 人类 Key Genes in 50 Pathways sgRNA 混合文库（转染级质粒 DNA）

由靶向人类 50 条信号通路的 139 个关键基因的 sgRNA 组成。

### 简介

Genome-CRISP™ CRISPR 人类 key genes in 50 pathways sgRNA 文库靶向 139 个关键基因，涉及 50 条人类信号通路。这些 sgRNA 的设计都经过优化，以保证它们靶向目的基因所有剪接体序列的公共区域。sgRNA 文库能通过基因敲除实现基因组水平的功能缺失型筛选，是哺乳动物细胞系统基因分析、促进基因研究、基因组级别功能调查（如信号转导通路）以及药物研究（如靶标甄别和药物机制研究）的强大工具。

- Cat. No. L07-LS03-F1-1A（转染级质粒，混合文库，分文库 1A）
- Cat. No. L07-LS03-F1-1B（转染级质粒，混合文库，分文库 1B）

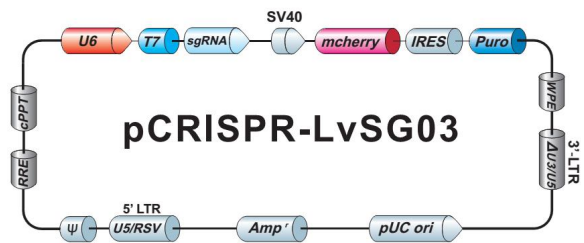
文库由 2 个分文库组成。分文库 1A 包含 139 个 sgRNAs；分文库 1B 包含 139 个 sgRNA。每分文库为 1 管约 10-15 μg 的转染级质粒 DNA。

### 运输及储存条件

冰袋运输。-20°C 条件下能稳定储存至少 2 年。

### 载体信息

载体名称: pCRISPR-LvSG03  
载体类型: 慢病毒  
筛选标记: 嘌呤霉素  
启动子: U6  
载体大小: 8415 bp



### 克隆信息

测序引物: TTCTTGGGTAGTTTGACG

### 有限使用许可

Following terms and conditions apply to use of Genome-CRISP™ CRISPR Human Key Genes in 50 Pathways sgRNA Library (the Product). If the terms and conditions are not acceptable, the Product in its entirety must be returned to GeneCopoeia within 5 calendar days. A limited End-User license is granted to the purchaser of the Product. The Product shall be used by the purchaser for internal research purposes only. The Product is expressly not designed, intended, or warranted for use in humans or for therapeutic or diagnostic use. The Product must not be resold, repackaged or modified for resale, or used to manufacture commercial products or deliver information obtained in service without prior written consent from GeneCopoeia. This Product should be used in accordance with the NIH guidelines developed for recombinant DNA and genetic research. Use of any part of the Product constitutes acceptance of the above terms.

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