

Guide Profiler™ Overview

Guide Profiler



***In silico* preview** of **off-target** search space



Avoid common and rare genetic **variation** at the **on-target** site



Integrates with standard ONE-seq workflow



Computational search of multiple genomes to identify putative off-targets



On-target variant analysis



Off-target library size benchmarking

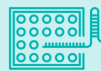


Analysis of biological impacts at off-target loci



Summarize and report guide RNA risk profile

Guide Profiler



Screening

In silico preview of potential off-target effects associated with your gene editing tool. Enables you to start your gene editing risk assessment by rapidly screening sgRNAs to understand the on- and off-target editing risks. Integrates with downstream assays, including Guide Select™ and ONE-seq for additional cost savings.

In silico evaluation

Preview of off-target risk

- ✓ Rapid turn around time
- ✓ Flows seamlessly into Nomination assays
- ✓ Comprehensive report

Rapidly screen candidate guides

- ✓ Minimize risk from variation at on-target locus
- ✓ Benchmark against database of guides