



## Functional Genomics

Explore a specific gene, a family of genes or a whole genome.

### GENE SPECIFIC SETS & KITS

Select the cDNA, ORF, shRNA or sgRNA clones specific for your gene of interest from our extensive collections.

### LIBRARIES & SETS

Assay many thousands of effector constructs simultaneously with genome-wide expression, RNAi and CRISPR libraries.

### CUSTOM SERVICES

Benefit from high-quality gene synthesis, shRNA or sgRNA library generation and cell line engineering performed by experts.

### VECTOR SYSTEMS

Choose the cDNA, shRNA or sgRNA/Cas9 expression system tailored for your specific application.

GENE		
EXPRESSION	SILENCING	EDITING
✓	✓	✓
✓	✓	✓
✓	✓	✓
✓	✓	✓

[www.biocat.com/functional-genomics](http://www.biocat.com/functional-genomics)