Following the decoding of mammalian genomes, understanding how the expression of a particular gene corresponds to physiological and pathological states is the next big challenge for life scientists.

We provide essential tools to inexpensively and reliably analyze gene function. Our RNAi constructs from Open Biosystems allow you to perform loss of function experiments. Our cDNA clones allow you to validate your RNAi results and also perform gain-of-function experiments by overexpressing a gene. Our antibodies can help you to temporally and spatially detect the expression of your gene of interest.

**Express**

- Full length and ORF cDNA clones
- Fully sequenced
- Over 15,000 available in assay ready expression vectors
- High-throughput formats of gene sets available

**Repress**

- Short Hairpin RNA (shRNA)
- Increased, specific and consistent knockdown
- RNAintro shRNA starter kits available with control vectors and transfection reagents
- Guaranteed knockdown of gene expression
- Low off-target effects compared to siRNA
- Pre-cloned into lentiviral and retroviral vectors
- Transient, stable and in vivo options for knockdown

**Detect**

- Antibodies
  - matched to many of our cDNA, ORF and shRNA clones
  - over 30,000 antibodies
  - the highest specificity
  - most antibodies validated

**Special Limited Time Promotion:**
Order an Antibody that is matched to a cDNA clone and receive the matched cDNA clone FREE *
* Restrictions apply

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info@saflabs.com - www.saflabs.com
Tel: 022 67122644 - Fax: 022 67122645