

# Sigma Mission shRNA

Available through Core  
DNA Analysis Facility



## Special Pricing on MISSION® shRNA Clones – Any Format, Any Gene!

### Comprehensive shRNA collection

- Sigma® is both a member and distributor of TRC 1.5 and TRC 2 mouse and human lentiviral-based shRNA libraries
- Offers multiple formats of the TRC 1.5 lentivirus-based shRNA library
- TRC1.5 combines all of the content from TRC1 plus an additional 39,212 clones targeting 2,661 new human genes and 2,395 mouse genes
- TRC2 contains more than 125,000 new clones, more than 4,100 new genes targeted, more than 30,000 clones validated, and contains the WPRE element which has been shown in literature to increase expression of genes delivered by viral vectors
- Control shRNAs are available through the JHU Core Store.



### Widely validated clone content:

	TRC 1		TRC 1.5		TRC 2	
	Total	Validated	Total	Validated	Total	Validated
Human Clones	82,017	24,550	108,634	28,469	67,238	15,029
Mouse Clones	77,819	20,564	90,414	20,778	59,995	15,902
<b>Total Clones</b>	<b>159,836</b>	<b>45,114</b>	<b>199,048</b>	<b>49,247</b>	<b>127,233</b>	<b>30,931</b>
Human Genes	16,019	7,405	22,571	8,600	15,623	4,232
Mouse Genes	15,960	6,506	20,075	6,570	12,878	4,292
<b>Total Genes</b>	<b>31,979</b>	<b>13,911</b>	<b>42,646</b>	<b>15,170</b>	<b>28,501</b>	<b>8,524</b>

shRNA Format	Individual Price	Clone Set* (price/clone)
Glycerol stock	\$65.00	\$39.00
Plasmid DNA	\$255.00	\$102.00
Lentiviral particles	\$245.00	\$98.00

\*A clone set is 5 clones except when a lesser quantity is available.

### For more information, contact your local Sigma Representatives:

Michelle H.W. Laird, Ph.D  
Life Science Specialist  
Phone: (301) 395-6719  
michelle.laird@sial.com

The DNA Core Facility  
Genetic Resources Core Facility  
John Hopkins University  
Phone: (410) 955-2836  
daf.jhmi.edu

To order, visit <http://daf.jhmi.edu> and click on the Sigma link to order through the Sigma-Aldrich® Pipeline

To search for shRNA clones, visit [sigma.com/yfg](http://sigma.com/yfg)

Sigma-Aldrich guarantees that upon purchase of the defined clone set quantity on the shRNA detail page for your gene of interest (typically 5 clones), that at least one of those clones for a gene should yield greater than 70% knockdown

©2012 Sigma-Aldrich Co. LLC. All rights reserved. SIGMA and SIGMA-ALDRICH are trademarks of Sigma-Aldrich Co. LLC, registered in the US and other countries. Sigma brand products are sold through Sigma-Aldrich, Inc. Purchaser must determine the suitability of the product(s) for their particular use. Additional terms and conditions may apply. Please see product information on the Sigma-Aldrich website at [www.sigmaaldrich.com](http://www.sigmaaldrich.com) and/or on the reverse side of the invoice or packing slip. MISSION is a registered trademarks of Sigma-Aldrich Co. LLC.