

Lentiviral Product Safety Level Information

This Lentiviral Product Safety Level Information constitutes Product Documentation according to clause 1 of the Product Terms and Conditions. It is applicable to the following GE Healthcare Dharmacon lentiviral products ("Products"):

- SMARTvector™ shRNAs
- SMARTchoice™ shRNAs
- SMARTchoice™ Inducible shRNAs
- SMARTchoice™ shMIMIC™ miRNA
- SMARTchoice™ Inducible shMIMIC™ miRNA
- GIPZ™ shRNAs
- TRIPZ™ shRNAs
- Precision LentiORFs
- Decode™ Pooled RNAi Screening Libraries

The Products are solely for internal research use (as set forth in the Product Terms and Conditions) in laboratories where the containment measures stated below and in applicable laws and regulations are met. Products may not be used for diagnostic, therapeutic or other commercial purposes and may not be administered to humans for any purpose or to animals for therapeutic purposes. The Products are replication-incompetent, self-inactivating (SIN) and non-pathogenic (do not cause infectious human disease).

Any investigator who purchases GE Healthcare Dharmacon lentiviral products is responsible for consulting with their institution's health and biosafety personnel for specific guidelines on the handling of lentiviral vector particles. Furthermore, each investigator is fully responsible for obtaining the required permissions for research using and the acceptance of replication-incompetent SIN lentiviral vectors and replication-defective lentiviral particles into their local jurisdiction and institution.

For questions concerning the design or production of the products, please contact:

GE Dharmacon Technical Support
Tel: 1.800.235.9880 (or) 303.604.9499
NA Email: ts.dharmacon@ge.com
EU Email: ts.dharmacon.eu@ge.com

In the US:

For US guidance on containment for lentiviral vectors, please refer to the Recombinant DNA Advisory Committee (RAC) guidelines for research with lentiviral vectors:
http://oba.od.nih.gov/oba/rac/Guidance/LentiVirus_Containment/pdf/Lenti_Containment_Guidance.pdf.

The U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes of Health, **Biosafety in Microbiological and Biomedical Laboratories (BMBL)**, Fifth Edition, Dec 2009 downloadable here:
<http://www.cdc.gov/biosafety/publications/index.htm>.

See also the **NIH Guidelines For Research Involving Recombinant DNA Molecules (NIH Guidelines)**, Oct 2011, downloadable here: http://oba.od.nih.gov/rdna/nih_guidelines_oba.html

In the EU:

For the EU directives, please consult the following:

1. Council Directive 2009/41/EC of the European Parliament and of the Council of 6 May 2009 on the contained use of genetically modified micro-organisms. (revised version Directive of 90/219/EEC of the European Parliament and of the Council of 23 April 1990 on the contained use of genetically modified micro-organisms, amended by Council Directive 98/81/EC of 26 October 1998); and
2. Council Directive 2001/18/EC of the European Parliament and of the Council of 12 March 2001 on the deliberate release into the environment of genetically modified organisms and repealing Council Directive 90/220/EEC.

In Germany:

Required Containment Measures

The containment requirements as stated in the German Genetic Safety Ordinance (Gentechnik-Sicherheitsverordnung) of Safety Level 2* or higher have been assigned to the handling of the above-mentioned lentiviral vector particles. Please note that a higher Security Level might be required if the lentiviral vector particles are used for genetic engineering operations with other products which require a higher Security Level.

Safety Level 2: activities of low risk for human health and the environment by the state of scientific knowledge (Stand der Wissenschaft).

For the German regulations, please consult the following:

1. German Genetic Engineering Act (Gentechnikgesetz - GenTG); and
2. Genetic Engineering Safety Ordinance (Gentechnik-Sicherheitsverordnung - GenTSV).

Product Terms and Conditions for GE Healthcare Dharmacon Products

GE Healthcare Dharmacon, Inc. ("Dharmacon"), hereby offers for sale to the buyer named on the face hereof ("Buyer") the products listed on the face hereof (the "Product(s)") on the express condition that Buyer agrees to accept and be bound by the terms and conditions set forth herein ("Terms"). These Terms, together with Dharmacon's quotation ("Quote") (if any) and Additional Terms (if any) explain and create the contractual agreement between Dharmacon and Buyer regarding Dharmacon's provision and Buyer's use of the Products ("Agreement"). The Agreement between Dharmacon and Buyer is created when Dharmacon accepts Buyer's order, either by sending a written confirmation, or by shipping the Product or otherwise initiating action to provide what Buyer has ordered. The Agreement is between Buyer and the Dharmacon entity that appears on the Dharmacon order confirmation or invoice. Dharmacon's duties and obligations under these Terms, including but not limited to invoicing and payment processing, may be performed by any Dharmacon affiliate.

If Buyer has any questions regarding the Agreement, please contact Dharmacon at 800-235-9880 or cs.dharmacon@ge.com. Dharmacon may amend these Terms or Additional Terms at any time by posting amended Terms or Additional Terms on the web site. The amended or updated Terms or Additional Terms will be effective upon the date of posting, or such later date specified therein, and will apply to purchase(s) of Products beginning with such effective date. Dharmacon may add, delete, modify or substitute the Products offered on the web site, the pricing for such Products or any other web site content in Dharmacon sole discretion at any time. Buyer's use of the web site signifies Buyer's legal and binding acceptance of the Agreement, Dharmacon's privacy policy, and any other agreement related to Buyer's use of this web site.

1. Buyer's Permitted Uses and Restrictions on Such Use. Unless otherwise set forth in the Additional Terms or the Product Documentation, all Products delivered hereunder are solely for internal research and development use. Products are not tested and may not be used for IND-enabling toxicology studies, diagnostic, therapeutic or other commercial purposes and may not be administered to humans for any purpose, or to animals for diagnostic or therapeutic purposes. It is solely Buyer's responsibility to make sure the Products are suitable for Buyer's particular use and no claim of suitability for use in applications regulated by FDA is made. **Buyer represents and warrants that Buyer complies with all biosafety containment guidelines, requirements, and procedures applicable to the Products in Buyer's facility and jurisdiction.** Additionally, Buyer is solely responsible for making sure Buyer's use of the Products complies with applicable laws, regulations and governmental policies. Buyer must obtain all necessary approvals, intellectual property rights, licenses and permissions Buyer may need. The right to use the Product does not, in and of itself, include or carry any right of the Buyer to any technology or intellectual property of Dharmacon other than that expressly provided herein and in the Additional Terms. Buyer may not reverse engineer, using sequencing or otherwise the Product. Buyer will not modify, change, remove, cover or otherwise obscure any Dharmacon brands, trade or service marks, or that of Dharmacon's affiliates on the Products.

With respect to research use, Buyer may transfer the Product to a bona-fide third party with whom Buyer has entered a written collaboration agreement for use of the Product in a collaborative research project, provided that: (i) such collaborator agrees to be bound by the restrictions contained in these Terms regarding use, intellectual property rights and confidentiality and (ii) Dharmacon's performance guarantee (if any) will not apply to any transferred Product, and Dharmacon may decline to provide technical support for transferred Product(s). Buyer will not resell, transfer or distribute any Product either as a stand-alone product or as a component of another product without a valid, written distribution agreement in place between Dharmacon and Buyer.

2. Prices and Taxes. All quoted prices are valid for the period in the Quote. All other prices are as set forth on the Dharmacon website and are subject to change with or without notice. Prices are exclusive of any duties, value added or other taxes. Prices do not include any taxes (including VAT), duties, levies or other government fees that may apply. If they apply, it will be Buyer's responsibility to pay them. If Dharmacon pays them, Dharmacon will add them to Buyer's invoice. Buyer is also responsible for standard delivery and handling charges. Dharmacon will also add these charges to Buyer's invoice.

3. Payment. Payment is due thirty (30) days from the invoice date. An interest charge equal to one and one half percent (1.5%) per month or the maximum interest rate permitted under applicable law will be added to any amounts not paid when due, calculated on a day-to-day basis until the actual date of payment. If Dharmacon's invoice is silent as to payment address, please forward payment to: GE Healthcare Dharmacon, Inc., 13930 Collections Center Drive, Chicago, IL 60693. Dharmacon reserves the right, in its sole discretion, to modify payment terms from any Buyer.

4. Delivery and Shipment. Once Dharmacon confirms Buyer's order, Buyer cannot cancel it without the approval of Dharmacon (cancellation charges may apply). Delivery terms will be FCA shipping point (Incoterms 2010), unless otherwise noted. Products will be shipped via carrier selected by Dharmacon. Title and risk of loss for the Products will pass to Buyer upon delivery to the carrier. Delivery dates are approximate, failure to deliver by any specified date will not be sufficient cause for cancellation by Buyer of its order, nor will Dharmacon be liable for any damages or losses arising out of delays in delivery. Dharmacon may deliver Products in installments and invoice separately for each delivery. If a shipment is delayed at Buyer's request, Buyer will reimburse Dharmacon for all costs associated with such delay. Special packaging requirements, if agreed to in writing by Dharmacon, will be at Buyer's expense. Orders are shipped Monday through Friday via carrier at Dharmacon's sole discretion.

5. Inspection and Returns. **Buyer will be responsible for inspecting all Products shipped hereunder, and Buyer will give Dharmacon written notice of non-conforming or damaged Products within ten (10) days following receipt. If Buyer fails to notify Dharmacon of non-conformance within such 10 day period, the Products will be deemed accepted by the Buyer. However, such acceptance will not be considered a waiver under the warranty provided in the Agreement. Custom Products may not be returned. Dharmacon may, in its sole discretion, authorize Product returns.** Except for defective Products covered under the above warranties or Dharmacon shipment errors, Buyer may not return Products to Dharmacon unless Buyer makes a return request within 30 days after Buyer receives the Products and Dharmacon, in its sole discretion, consents to the return in writing by issuing a return authorization number (obtained from Dharmacon's customer services department). Dharmacon will not consent to returns for shipments of Products: (1) made from the wrong Product lot number when Buyer does not specify, at the time of placing the order, the specific lot number on reserve for Product from which the order must be fulfilled; (2) made with inadequate import documentation for shipments to destinations outside of the United States if Dharmacon has complied with Buyer's prior import instructions; (3) with expiration dates sooner than a particular date if Buyer's does not specify that date at the time of placing the order; (4) that

have already expired or that are within 60 days of expiration; or (5) that are Custom Products or that otherwise are custom manufactured. If a return is authorized, then Buyer will return the Products to Dharmacon within 10 days after authorization indicating the return authorization number; shall ship the Products DDP (Incoterms 2010 and shall pay Dharmacon a processing charge of US \$50.00 or 25% of the sales price, whichever is greater. Dharmacon will give Buyer a credit for returned Products only if Dharmacon receives the Products, inspects them and deems the Products to be re-saleable, in Dharmacon's sole discretion.

6. Limited Warranties. Unless a different written warranty is included with Product literature or set forth herein, Dharmacon warrants solely to the Buyer that the Products materially conform to Dharmacon's published specifications for such Products at the time of order submission. The warranty period is from the time Dharmacon delivers the Product until the earlier of either the Product's expiry or "use by" date or its specified number of or 12 months from the date Dharmacon delivers the Product. **DHARMACON, ITS AFFILIATES AND DISTRIBUTORS EXPRESSLY DISCLAIM ALL OTHER REPRESENTATIONS AND WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, SATISFACTORY QUALITY AND NON-INFRINGEMENT. THIS LIMITED WARRANTY PROVIDED HEREIN DOES NOT APPLY TO ANY DEFECT CAUSED BY FAILURE TO PROVIDE A SUITABLE STORAGE, USE OR OPERATING ENVIRONMENT; USE OF NON-RECOMMENDED REAGENTS OR BIOCHEMICALS; THE USE OF ANY PRODUCT FOR A PURPOSE OR IN A MANNER OTHER THAN THAT FOR WHICH THEY WERE DESIGNED; MODIFICATIONS DONE BY BUYER; OR ANY OTHER ABUSE, MISUSE OR NEGLIGENCE OF THE PRODUCTS BY BUYER.** Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. The warranty provided herein is valid only when used by properly trained individuals. All technical advice, documentation and information provided by Dharmacon, whether by phone, e-mail, website or any other channel is provided "AS IS" and without any warranty of any kind. It is the responsibility of the Buyer to determine if a Product is suitable for a specific purpose and to apply the necessary safety precautions. **Buyer's exclusive and sole remedy under this warranty is: (i) repair or replacement of the Product that failed to conform to the warranty above or (ii) at Dharmacon's option or, where applicable, at Dharmacon's distributor's option, a credit for that portion of the Product which is not conforming.**

7. Custom Products. If Buyer desires to purchase Custom Products and if Dharmacon, in its sole discretion, is willing to consider the same, then Dharmacon will prepare a written proposal for the price indicated, either as part of a Quote, part of a bid submission or otherwise for such Custom Products. Any change to specifications requires a new Quote. Orders for Custom Products may not be cancelled after 48 hours of order placement. Buyer is responsible for obtaining and hereby represents and warrants to Dharmacon that it will have obtained, as of the order date for the Custom Products, all third party required consents, intellectual property rights, approvals and/or licenses necessary for Buyer fulfill its obligations hereunder with respect to the Custom Products ("Consents"). Dharmacon is relieved of the performance of any obligations hereunder that may be affected by Buyer's failure to obtain Consents. By submitting an order for a Custom Product, Buyer represents and agrees that Buyer has provided Dharmacon with all information that Buyer is aware of regarding any biological, radiological and chemical hazards associated with the handling, transport, exposure or other usage of the materials Buyer supplies to Dharmacon. Dharmacon may market and make generally available for commercial sale to its other customers and collaborators through its normal distribution channels the Custom Products which do not reference or require the use of Buyer's proprietary or confidential information including but not limited to Custom Products targeted toward Buyer's non-proprietary genes at any time, or for Buyer's proprietary target genes immediately upon the occurrence of any of the following: (i) two (2) or more additional customers have asked Dharmacon for Products directed toward the same target gene, (ii) a competitor of Dharmacon lists gene silencing or related products directed toward the same target gene on their public web site or catalog, or (iii) Dharmacon releases the Custom Products as part of a group of related products for a large gene set or biological pathway. Notwithstanding anything to the contrary, Dharmacon will not disclose to any third party any proprietary target genes that Buyer has supplied to Dharmacon, unless Dharmacon receives the prior written consent of Buyer. "Custom Products" means Products which are customized or have specifications that differ in any respect from Dharmacon's standard or off-the-shelf Products or that are made, manufactured or packaged to mutually agreed upon written specifications. Dharmacon may decline or stop the design or manufacture of Custom Products, at any stage of the design or manufacture process, if the Custom Product is deemed by Dharmacon to be commercially impractical. If that is the case, Dharmacon will notify Buyer as soon as possible and Buyer will not be obligated to pay any fees for any expenses incurred by Dharmacon in connection with a declined Product. If Buyer has requested the use of specified components, sources, brands or materials ("Specified Components") in the manufacture or assembly of Custom Products, Custom Products which include Specified Components may be subject to price increases at any time, before or after the issuance of a Quote due to changes in the Specified Component's prices. Dharmacon will not be obligated to provide quantities of Custom Product incorporating Specified Components due to a failure of such Specified Component. Buyer represents and warrants that the inclusion of the Specified Component in a Custom Product will not infringe any third parties' rights and will indemnify and hold harmless Dharmacon from any such claims.

8. Limitation of Liability. NOTWITHSTANDING ANYTHING TO THE CONTRARY CONTAINED HEREIN, THE LIABILITY OF DHARMACON UNDER THESE TERMS AND CONDITIONS (WHETHER BY REASON OF BREACH OF CONTRACT, TORT, INDEMNIFICATION, OR OTHERWISE, BUT EXCLUDING LIABILITY OF DHARMACON FOR BREACH OF WARRANTY (THE SOLE REMEDY FOR WHICH WILL BE AS PROVIDED UNDER SECTION 6 ABOVE)) WILL NOT EXCEED AN AMOUNT EQUAL TO THE TOTAL PURCHASE PRICE PAID BY BUYER TO DHARMACON WITH RESPECT TO THE PRODUCT(S) GIVING RISE TO SUCH LIABILITY. NOTWITHSTANDING ANYTHING TO THE CONTRARY CONTAINED HEREIN, IN NO EVENT WILL DHARMACON BE LIABLE FOR ANY INDIRECT, SPECIAL, CONSEQUENTIAL OR INCIDENTAL DAMAGES ARISING OUT OF OR IN CONNECTION WITH THE SALE, USE OR PERFORMANCE OF ANY PRODUCTS (INCLUDING WITHOUT LIMITATION DAMAGES FOR LOSS OF USE OF FACILITIES OR EQUIPMENT, LOSS OF REVENUE, LOSS OF DATA, LOSS OF PROFITS OR LOSS OF GOODWILL, ANTICIPATED OR OTHERWISE), REGARDLESS OF WHETHER DHARMACON (a) HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES OR (b) IS NEGLIGENT. **This limitation of liability does not limit Dharmacon's liability for death or personal injury caused by Dharmacon's negligence or any other liability that cannot be excluded by law.**

9. Intellectual Property Rights; Limited License. Buyer acknowledges and agrees that all intellectual property rights in the Products and in any Dharmacon technology, intellectual property and know-how used to make or useful for the manufacture or use of the Products will at all times remain vested in Dharmacon and its licensors. Nothing in these Terms will be construed as granting Buyer any rights to manufacture, license or alter the Products, their marking and labeling. No license or patent rights are granted by Dharmacon, except those indicated on the Additional Terms, on the Product or in the Product manual or documentation. Dharmacon reserves the right to change the specifications of the Products, or to discontinue any Products at any time without notice.

10. Technical Advice. At Buyer's request, Dharmacon may furnish technical assistance, advice and information with respect to the Products at the Buyer's risk. It is expressly agreed that Dharmacon is under no obligation to provide such assistance or information and that any assistance or information that is provided will be subject to the warranty disclaimers set forth above. Dharmacon will not be liable to Buyer for any technical assistance or information related to the Products given by Dharmacon or any suggestions by Dharmacon regarding the use, selection, application or suitability of Products.

11. Confidentiality. Buyer agrees that all pricing, discounting and technical information that Dharmacon provides to Buyer is the confidential and proprietary information of Dharmacon. Buyer agrees to (i) keep such information confidential and not disclose such information to any third party, and (ii) use such information solely for Buyer's internal purposes and in connection with the Products supplied hereunder. Nothing herein will restrict the use of information which is available to the general public.

12. Indemnity. To the extent allowed by applicable law, and except where a claim arises as a result of Dharmacon's gross negligence or willful misconduct or that of its affiliates, the Buyer will indemnify, defend and hold harmless Dharmacon, its officers, agents, employees, distributors and affiliates ("Indemnified Party") for any claim, loss, damage, expense or other liability (including reasonable attorneys' fees and costs) which may be made against an Indemnified Party as a result of the Buyer's acts, omissions, use of the Product or Dharmacon's compliance with any instructions provided by Buyer.

13. Governing Law. The Agreement is governed and construed in accordance with the laws of the country and state of Dharmacon's business address on the invoice notwithstanding its conflicts of laws provisions. The U.N. Convention on contracts for the International Sale of Goods is expressly disclaimed and excluded. In the event of legal proceedings between the Buyer and Dharmacon regarding the Products or the Agreement, the parties expressly agree to waive any right they may have to a trial by jury. Sole and exclusive jurisdiction for any action or proceeding arising out of, or related to, the Agreement will be the Federal court located in the city, state and country of Dharmacon's business address on the invoice. Any cause of action brought by Buyer, with respect to the Agreement, must be commenced within one (1) year after the claim or cause of action arises.

14. Export Control. The Products and information provided by Dharmacon to Buyer are subject to United States, European Union and other jurisdictional export-control laws and regulations. Buyer may not, directly or indirectly, import, sell, export, re-export, transfer, divert, or otherwise dispose of any such Product or information (including Products derived from or based on the Products or information) to any destination, entity, or person prohibited by United States, European Union or jurisdictional laws or regulations.

15. Purchases for the U.S. Government. If Buyer is placing an Order for the U.S. Government or in support of a contract with the U.S. Government, Buyer agrees that the Products purchased are "commercial items" as that term is defined in the Federal Acquisition Regulations ("FAR"). If Buyer is an employee or other authorized Buyer placing an order in the name of the U.S. Government and Buyer's order is less than or equal to \$2500, then Buyer agrees that only the Agreement applies to the order. If Buyer's order is greater than \$2500, then Buyer agrees that the order is subject to FAR Part 12, and pursuant to FAR 12.302, only those mandatory provisions of FAR 52.212-4, as well as FAR 52.222-3, FAR 52.225-13, FAR 52.233-3, and the Agreement applies. If Buyer is a government contractor placing an order in support of a contract with the U.S. Government, Buyer agrees that only those provisions in FAR 52.244-6 as well as the Agreement applies to Buyer's Order. All other terms and conditions are expressly rejected. In the event of a conflict between the FAR provisions referenced herein and the Agreement, the Agreement will take precedence.

16. Medicare/Medicaid Reporting Requirements. If Buyer is a recipient of Medicare/Medicaid funds, Buyer acknowledges that it has been informed of and agrees to fully and accurately account for, and report on its applicable cost report, the total value of any discount, rebate or other compensation paid hereunder in a way that complies with all applicable federal, state and local laws and regulations which establish "Safe Harbor" for discounts. Buyer shall make written request to Dharmacon in the event Buyer requires additional information from Dharmacon in order to meet its reporting requirements. Buyer acknowledges that agreement to such reporting requirement was a condition precedent to Dharmacon's agreement to provide Products and that Dharmacon would not have entered into this Agreement had Buyer not agreed to comply with such obligations.

17. Miscellaneous. The Agreement and associated documents identified herein constitutes the entire agreement between Dharmacon and Buyer with respect to Buyer's use and purchase of Products hereunder, except as the foregoing (i) may be amended from time to time by Dharmacon with or without notice, or (ii) as related to Buyer's purchase of Products, may be superseded by any express conflicting terms or supplemented by any express additional terms in a separate written contract signed by authorized representatives of Dharmacon and Buyer. No representative of Dharmacon or its distributor may create, modify or expand warranty provisions or remove any disclaimers applicable to the Products or make any representations as to the Products without a written agreement signed by an authorized representative of Dharmacon. Any such representation, creation, modification, removal or expansion, if made, should not be relied upon by Buyer and will not form a part of the Agreement. The performance of Dharmacon of any covenant or obligation on its part to be performed under any agreement with Buyer will be excused by floods, strikes, or other labor disturbances, riots, fires, accidents, wars, embargoes, delays of carriers, failure of power, or of regular sources of supply, acts, injunctions, or restraints of government, or any other cause preventing such performance, beyond Dharmacon's reasonable control. Buyer and Dharmacon are independent contractors, and no agency, partnership, joint venture, employee-employer or franchisor-franchisee relationship is intended or created by the Agreement. In the event that any one or more provisions contained herein will be held by a court of competent jurisdiction to be invalid, illegal or unenforceable in any respect, the validity, legality and enforceability of the remaining provisions contained herein will remain in full force and effect, unless the revision materially changes the bargain. Dharmacon's failure to enforce, or Dharmacon's waiver of a breach of, any provision contained herein will not constitute a waiver of any other breach or of such provision. Any notice or communication required or permitted hereunder will be in writing and will be deemed received when personally delivered or three (3) business days after being sent by certified mail, postage prepaid, to a party at the address specified herein or at such other address as either party may from time to time designate to the other. If a purchase order, sales acknowledgment, invoice, or other document submitted to Dharmacon by Buyer contains terms or conditions conflicting with, or in addition to, the Terms, Dharmacon hereby rejects such terms and conditions, and the

Terms will prevail unless otherwise expressly agreed to in writing by Dharmacon. If any terms within the Agreement documents conflict with each other, the following will be the priority in descending order: a negotiated, written master supply agreement between the parties (if any), Additional Terms, a Quote, and finally these Terms.

ADDITIONAL TERMS

siRNA Products

Library Sequences are provided to Buyer solely to enhance their research using the siRNA Products provided by Dharmacon. "Library Sequences" means the Dharmacon-provided CD or electronic file containing the sequences of the Whole Genome Human or Mouse siRNA Library. The Library Sequences are provided "as-is" with no warranty. Buyer will use the Library Sequences solely for the following purposes: (i) data analysis; (ii) screen annotation; (iii) hit follow up; (iv) hit stratification (v) off-target predictions, (vi) design of mismatch controls and (vii) other similar research purposes (the "Purpose"). Buyer will not (a) use the Library Sequences for any commercial or other purpose not stated above or (b) attempt to reverse engineer the algorithm used to generate the sequences. Buyer may copy the CD or electronic file on to no more than three (3) Buyer computers (with restricted or password access). In cases where analytical tools are only available on a server, the sequences may be copied to that server if it is password protected and not otherwise accessible to the broad institute members or general public. In all other cases, the Library Sequences may not be stored on a Buyer server or intranet that lacks password protection. Buyer may not transfer the CD or disclose the Library Sequences (or any subset thereof), or information based on whole sequence set analysis to the public generally or to any third party without Dharmacon's prior written consent. Buyer may: (x) publish up to 200 gene sequences, identified in a screening, per journal publication, with prior notice to Dharmacon (but approval will be granted automatically); (y) share the Library Sequences with a bona fide academic research collaborator after Buyer has provided Dharmacon with details about the purpose of the collaboration and collaborator, and after Buyer has obtained Dharmacon's permission for the transfer, provided that Buyer agrees to transmit the Agreement, including these Additional Terms to such collaborator prior to disclosing Library Sequences; (z) disclose information that is related to the annotation process, summary information about the Library Sequences or hit analyses derived from annotation of the Library Sequences that does not rely on an examination of the specific siRNA duplexes or SMARTpool reagents that comprise the Library Sequences. Buyer will inform Dharmacon in writing of any new inventions related to the Library Sequences based on sequence data analysis of a bioinformatics nature (i.e., not related to hits or new genes). The Buyer and its staff conducting research with the Library Sequences will communicate the permitted uses, restrictions on use and restrictions on transfer or disclosure to his or her research team, including graduate students, post-doctoral fellows, and guest researchers.

Buyer may create vectors or plasmids into which they have cloned DNA, which codes for siRNA Product(s), to allow for *in vivo* expression of such siRNA Product(s) solely for their internal research use, but Buyer may not distribute such plasmid or vectors to any third parties. Notwithstanding any representation to the contrary by any employee, agent, affiliate or distributor of Dharmacon, Dharmacon expressly denies any and all warranties related to the siRNA Product if Buyer uses them in vectors or plasmids.

Dharmacon has the following licenses covering one or more of the Products which are or include siRNA: (i) a co-exclusive license from The Massachusetts Institute of Technology ("MIT") under US Patents 7,056,704 and 7,078,196 and various U.S. Patent Applications, European Patent Applications and PCT Patent Applications for Buyers' research use only; (ii) a non-exclusive license from The Carnegie Institution of Washington ("Carnegie") under US Patent 6,506,559 and related foreign counterparts to make, use and sell the Products provided hereunder for non-commercial, internal research purposes only; (iii) a non-exclusive license from Isis Pharmaceuticals Inc. ("Isis") under U.S. Patents 5,670,633, 6,005,087, 5,670,633, 6,005,087 and 6,476,205 to make, use sell, distribute and export certain chemical modifications that may be present on the Products, which may be used by Buyer solely for research use (including internal gene function, gene expression and target validation research) in accordance with these Additional Terms; (iv) a non-exclusive license under European Patents 1144623 B1, 1214945 B1 and foreign equivalents from Alnylam Pharmaceuticals, Inc., ("Alnylam") for use only in academic and commercial research whose purpose is to elucidate gene function, including research to validate potential gene products and pathways for drug discovery and development and to screen non-siRNA-based compounds (but excluding the evaluation or characterization of this Product as the potential basis for a siRNA-based drug) and not for any other commercial purposes. Information about licenses for commercial use (including discovery and development of siRNA-based drugs) is available by contacting Alnylam at 300 Third Street, Cambridge, MA 02142, USA.

Dharmacon's Licenses from MIT, Isis, Alnylam, Epoch and Applera confer upon the Buyer limited and restricted rights to use the Products in accordance with the terms set forth in these Additional Terms or in the applicable Product instruction sheet, and in the Agreement generally. It is the responsibility of Buyer to familiarize with the provided patent, license and intellectual property information. Buyer is encouraged to contact licensors from the provided list if the contemplated use of the Products is in any way outside of the express limited license terms, particularly if use is of a therapeutic nature. Buyer's use of some Products may necessitate the procurement of a separate license from third parties. Buyer will be fully responsible for determining whether and from which third party it requires any such license and for the procurement of such license. Except as provided expressly herein, no license to any Dharmacon technology, intellectual property or know-how, is conveyed or implied as a result of the provision of any Products to Buyer hereunder. The Library Sequences are considered Dharmacon's intellectual property and Confidential Information under the Agreement and no transfer of ownership of the Library Sequences is made or intended by Dharmacon.

A fee of ten percent (10%) per oligonucleotide, plus ten percent (10%) of the cost for each additional service requested (i.e., gel purification, dye labeling, etc.) will apply if the order is canceled after order confirmation. A fee of seventy-five percent (75%) per oligonucleotide will apply if the order is canceled after oligonucleotide synthesis has begun.

PCR Research Products

Dharmacon has and extends to each Buyer who purchases a Product which is a Solaris primer/probe set the following licenses: a non-exclusive license from Epoch Biosciences Inc. ("Epoch") under U.S. Patents 5,801,155; 6,127,121; 6,312,894; 6,426,408; 6,485,906; 6,492,346; 6,660,845; 6,727,356; 6,030,787; 5,723,591; 5,876,930 and RE 38,416 and corresponding foreign patents to use the Products in an assay in which the detection of a nucleic acid sequence does not include the cleavage of a nucleic acid probe, and the data generated by use of the Product, solely for its internal research purposes involving hybridization-based analysis of nucleic acids in the ordinary course of Buyer's normal internal research activities, including clinical trials. Dharmacon has and extends to each Buyer who purchases a Product which is a Solaris master mix the following licenses: a non-exclusive license from F. Hoffmann-La Roche, Roche Molecular Systems, Inc. through Applera Corporation ("Applera") under U.S. patents 6,127,155; 5,677,152 (claims 1 to 23 only); 5,773,258 (claims 1 and 6 only); and corresponding foreign patents, to use the Products for

Buyer's own internal research and not for any commercial purposes. In addition, Buyer agrees and understands it is not licensed under these Additional Terms to: (a) provide commercial services; (b) provide commercial data or databases to or on behalf of any third party that relate to use of the Product; or (c) use the Product or data there from in a clinical diagnostic setting where data from an individual's sample is given to such individual or their caregiver. Further information on purchasing commercial or diagnostic use licenses may be obtained by contacting Applera at Director of Licensing, Applied Biosystems, 850 Lincoln Centre Drive, Foster City, California 94404, USA.

shRNA and Gene Expression Products

1. Buyer's Permitted Uses and Restrictions on Such Use

Sale or transfer of shRNA and gene expression Products and Derivative Materials to any third party is strictly prohibited. Derivative Materials means materials created using the shRNA and gene expression Products, including but not limited to shRNA and gene expression plasmids, genomic DNA, cells or cell pellets containing shRNA and gene expression Products, engineered cell lines, transgenic animals, nucleic acid probes complementary to shRNA and gene expression sequences, lentiviral particles, other viral and non-viral vectors containing all or part of shRNA and gene expression sequences, and printed microarrays comprising nucleic acid probes complementary to shRNA and gene expression Product sequences. Buyer may not place shRNA and gene expression Products, or any Derivative Materials created using the shRNA and gene expression Products with any bank or repository, whether the organization managing such bank or repository is a For-profit or Non-profit entity, for the purpose of allowing third-party access to the Products and Derivative Materials without written permission from Dharmacon. The provision of Screening Services for any third parties is strictly prohibited. Screening Service means the use of the shRNA and gene expression Products to perform a service, whether for profit or cost recovery, whereby the shRNA and gene expression Products are utilized, whether singularly, in arrays or in pools, to determine those genes involving the determination of cellular phenotypes, reporter activity, protein interactions, small molecule interactions, alterations of protein levels, mechanism of actions or other measurements of gene activity or function.

2. Label Licenses

The shRNA and gene expression Products, use and applications, are covered by pending and issued patents. The following Label Licenses govern all use of the shRNA and gene expression Products. It is each Buyer's responsibility to determine if patent or other intellectual property rights held by third parties may restrict the use of Products for a particular application.

Cold Spring Harbor Laboratories

This Product is covered by US and foreign patent applications or patents and other proprietary intellectual property rights owned by CSHL ("CSHL shRNA IP Rights"), including U.S. Patent Nos. 8,153,776 and 8,202,846, and EP1546174.

Subject to acceptance and all terms and conditions of this License, sale of the Product to Buyer by Dharmacon (acting under its license from CSHL, an "Authorized Sale") conveys to Buyer only the nonexclusive, nontransferable right under the shRNA IP Rights to use the Product solely for Buyer's internal research purposes, and only at its facility where the Product is delivered by Dharmacon.

Buyer obtains no right to sublicense its rights, or to use the Product or its components for the benefit of any third party (including without limitation, using the Product in connection with providing services to any third party or generating commercial databases). The Product may not be used *in vitro* or *in vivo* for any diagnostic, preventative, therapeutic or vaccine application, or used (directly or indirectly) in humans for any purpose. Buyer may not isolate, extract, reverse engineer, derive, copy or separately use any component of the Product (such as, for example, any shRNA component) for any purpose.

Non-Profit Buyers. If Buyer is a Non-Profit Entity, then the following additional restrictions shall apply: Buyer obtains no right to use, develop or otherwise exploit the Product for any commercial purpose.

Commercial Buyers. If Buyer is a Commercial Entity, then the following additional restrictions shall apply:

A Product sale is an Authorized Sale only if Buyer has already entered into a separate written agreement that has been executed by CSHL, that covers the CSHL shRNA IP Rights, and that is then currently in effect. Any delivery or transfer of Product to Buyer outside of an Authorized Sale is void, conveys no implied or express right under this license and Buyer shall immediately return Product to Dharmacon for a refund.

"Commercial Entity" means any entity or organization other than a Non-Profit Entity.

"CSHL" means Cold Spring Harbor Laboratory.

"Non-Profit Entity" means any college, university or governmental entity (including without limitation, governmental and quasi-governmental institutes and research laboratories), or any non-profit scientific, research or educational organization that is of the type described in section 501(c)(3) of the Internal Revenue Code or that is qualified under a state non-profit organization statute.

"Product" means a product (including, without limitation, expression vectors encoding a shRNA, the design, manufacture or use of which (in whole or in part) is the subject of the shRNA IP Rights, and is deemed to include all components, progeny, reproductions, modified versions and other derivatives thereof.

This license is subject to a license from CSHL, and CSHL reserves all other rights under its license. For information on licensing rights for Commercial Entities, including use of this Product for purposes other than research, or use of shRNA other than in conjunction with this Product, please contact the CSHL Office of Technology Transfer at (516) 367-8301, email: techtran@cschl.edu.

Duke University

Portions of this Product, and the manufacture, use, sale, or import of this Product is subject to U.S. Patent No. 8,137,910 and one or more pending U.S. patent and corresponding international applications, owned by Duke University (DUKE). This Product is sold pursuant to a license from DUKE, and DUKE reserves all other rights under these patent rights.

Non-Commercial Entities: "Non-Commercial Entities" means an entity operating within a specific laboratory, unit, location or institution that

operates solely for educational, academic or noncommercial research purposes, and which possesses not-for-profit status under federal tax laws and regulations and applicable state corporation statutes and/or wherein the research is not sponsored by for-profit organizations which shall receive ownership to data and results stemming from the sponsored research. The purchase of this Product conveys to the Buyer the non-transferrable right to use the purchased amount of the Product and components of the Product in research conducted by the Buyer, where such research does not include testing, analysis, or screening services for any third party in return for compensation on a per test basis. The Buyer cannot sell or otherwise transfer (a) this Product (b) its components or (c) materials made using this Product or its components for Commercial Purposes. Commercial Purposes means any activity by a party for consideration and may include, but is not limited to: (1) use of the Product or its components in manufacturing; (2) use of the Product or its components to provide a service, information, or data; (3) use of the Product or its components to agricultural, therapeutic, diagnostic, or prophylactic purposes; or (4) resale of the Product or its components, whether or not such Product or its components are resold for use in research. A separate license from DUKE must be obtained to use this Product for any purposes other than those permitted above. It is the sole responsibility of the Buyer to ensure that use of the Product does not infringe those patent rights of third parties.

Commercial Entities: "Commercial Entities" include any person or entity that is not a "Non-Commercial Entity" or an academic and/or not-for profit research institution wherein the research is sponsored by for profit organizations which shall receive ownership to all data and results stemming from the sponsored research. Please contact DUKE for obtaining a separate license.

For information on purchasing a license to this Product for purposes other than research, contact Duke University, Office of Licensing and Ventures, 2812 Erwin Rd., Ste 306, Duke Box No. 90083, Durham, NC 27705, USA. Tel: (919) 681-3131; Fax: (919) 684-8867.

Governing Law: This License Agreement shall be governed by, and construed and enforced in accordance with, the laws of the state of North Carolina, USA.

Tranzyme, Inc.

Portions of this Product are covered by several patent applications owned by, or licensed to, Tranzyme, Inc. The purchase of this Product conveys to the Buyer the limited, non-exclusive, nontransferable right (without the right to resell, repackage, or further sublicense) under these patent rights to perform the viral infection methods using the lentiviral vectors claimed in those patent applications for research purposes solely in conjunction with this Product. No other license is granted to the Buyer whether expressly, by implication, by estoppel or otherwise. In particular, the purchase of this Product does not include nor carry any right or license to use, develop, or otherwise exploit this Product commercially, and no rights are conveyed to the Buyer to use the Product or components of the Product for any other purposes, including without limitation, provision of services to a third party, generation of commercial databases, or clinical diagnostics or therapeutics.

This Product is sold pursuant to a license from Tranzyme, Inc., and Tranzyme, Inc. reserves all other rights under these patent rights. For information on purchasing a license to the patent rights for uses other than in conjunction with this Product or to use this Product for purposes other than research, please contact the please contact the licensing officer at (919) 313-4760.

Evrogen JSC

This Product contains a proprietary nucleic acid(s) coding for a proprietary fluorescent protein(s) being, including its derivatives or modifications, the subject of pending U.S. and foreign patent applications and/or patents owned by Evrogen JSC (hereinafter "Evrogen Fluorescent Proteins").

The purchase of this Product conveys to the Buyer the non-transferable right to use Evrogen Fluorescent Proteins for (i) not-for-profit internal Research conducted by the Buyer (whether the Buyer is an academic or for-profit entity), where "Research" means non-commercial uses or activities which (or the results of which) do not generate revenue, and (ii) evaluation of Evrogen Fluorescent Proteins for the purpose of testing its appropriateness for development of a therapeutic, clinical diagnostic, vaccine or prophylactic Product, provided that Evrogen Fluorescent Proteins are not used in the development or manufacture of such Product.

Offer of Evrogen Fluorescent Proteins for resale; distribution, transfer, or otherwise providing access to Evrogen Fluorescent Proteins to any third party for any purpose, or any use of Evrogen Fluorescent Proteins other than for Research is strictly prohibited.

The Buyer cannot sell or otherwise transfer materials made by the employment of Evrogen Fluorescent Proteins to a third party or otherwise use Evrogen Fluorescent Proteins for Commercial Purposes. The Buyer may transfer information made through the use of this Product solely for research and not for Commercial Purposes. Commercial Purposes means any activity by a party for consideration and may include, but is not limited to: (1) use of Evrogen Fluorescent Proteins in manufacturing; (2) use of Evrogen Fluorescent Proteins to provide a service, information, or data; (3) use of Evrogen Fluorescent Proteins for therapeutic, diagnostic or prophylactic purposes.

The purchase of this Product does not convey any rights from Evrogen to validate or screen compounds or a license under any method claims in the foregoing patents or patent applications.

For information on the foregoing patents or patent applications or on purchasing a license to use Evrogen Fluorescent Proteins for purposes other than those permitted above, contact Licensing Department, Evrogen JSC, Miklukho-Maklaya street 16/10, Moscow, 117997, Russian Federation. EMAIL license@evrogen.com.

TET Systems Holding GmbH & Co. KG

Use of the Tetracycline controllable expression systems (the "Tet Technology") is covered by a series of patents including U.S. patents # 5,464,758 and #5,814,618, which are proprietary to TET Systems Holding GmbH & Co. KG. Academic research institutions are granted an automatic license with the purchase of this Product to use the Tet Technology only for internal, academic research purposes, which license specifically excludes the right to sell, or otherwise transfer, the Tet Technology or its component parts to third parties. Notwithstanding the above, academic and not-for

profit research institutions who's research using the Tet Technology is sponsored by for profit organizations, which shall receive ownership to all data and results stemming from the sponsored research, shall need a commercial license agreement from IP Merchandisers in order to use the Tet Technology. In accepting this license, all users acknowledge that the Tet Technology is experimental in nature. TET Systems Holding GmbH & Co. KG makes no warranties, express or implied or of any kind, and hereby disclaims any warranties, representations, or guarantees of any kind as to the Tet Technology, patents, or products. All others are invited to request a license from TET Systems Holding GmbH & Co. KG prior to purchasing these reagents or using them for any purpose. Dharmacon is required by its licensing agreement to submit a report of all Buyers of the Tet-controllable expression system to IP Merchandisers, Inc.

For license information, please contact:

Hans Peter Kneubuehl

TET Systems Holding GmbH & Co. KG

1m Neuenheimer Feld 582

69120 Heidelberg

Germany

Tel +496221 5880400

Fax +496221 5880404

eMail: kneubuehl@tet-systems.com

or use our electronic licensing request form via <http://www.tetsystems.com/mainingully.htm>.

Sigma-Aldrich

These Products are For Research Use Only - Not for any Clinical, Therapeutic or Diagnostic use in Humans. These Products may be subject to the following patents (issued or pending):

Oxford Technology

| PCT application (filing date) | Priority Application(s) (filing date) | National Application | Issued Patents |
|-------------------------------------------------|------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| | US 07/586,603 (21 Sept 1990) | US 08/361,839 | 5,817,491 |
| PCT/US91/05699 (9 Aug 1991) | US 07/658,632 (19 Feb 1991) | EP 91915104.3 JP 3-514518 AU 84302/91 CA 2,104,396 | 0572401 3547129 663470 2,104,396 |
| | US 07/1 70,515 (21 March 1988) US 07/1 70,515 (21 March 1988) | US Continuation 08/156,789 US Continuation 08/462,492 US Continuation 10/205,179 | 5,591,624 5,716,832 |
| PCT/US91/06852 (20 Aug 1991) WO 92/05266 | US 07/586,603 (21 Sept 1990) | AU 88424/91 AU Divisional 47984/96 | 665176 690427 |
| PCT/GB97/02857 (17 Oct 1997) WO 98/1 7815 | GB 9621680.9 (17 Oct 1996) GB 962445739 (25 Nov 1996) | EP 97909436.4 EP Divisional 00202432.1 US 09/224,014 US Divisional 09/91 5,169 US CIP 10/661,761 US Continuation 11/646,041 JP 10-519086 AU 47122/97 CN97198767.X NZ 334860 | 0904392 6,312,682 6,669,936 7,198,784 725143 2L97198767.X 334860 |
| PCT/GB97/02858 (17 Oct 1997) WO 98/17816 | GB 9621680.9 (17 Oct 1996) | GB 9903117.1 EP 97909437.2 US 09/284,011 JP 10-519087 AU 47123/97 CN 97198883.8 NZ 334522 | 2331522 6,235,522 737801 ZL971 98883.8 334522 |
| PCT/GB97/02696 (28 Oct 1997) WO 98/1 8934 | GB 9622500.8 (29 Oct 1996) | US CIP 10/324,616 US Continuation 11/155,043 US Continuation 11/726,679 JP 10-520197 | 6,924,123 7,056,699 |

Benitec Technology Licensed Patents

| Named Inventor | Title | Patent No Application No. | |
|-----------------------|------------------------------|---------------------------|---------------------|
| Graham/Rice | Control of Gene Express | ZA 2000/4507* | HK 01105904.3* |
| | | AU2001100608* | HU P01012225* |
| | | SG75542* | IN 2000/00 169/DEL* |
| | | US 6,573,099* | JP P2000-537990 |
| | | GB2353282* | KR 7010419/2000* |
| | | AU 743316* | MX008631* |
| | | NZ 506648* | PL P.343064* |
| | | US 10/346853* | SK PV 1372-2000* |
| | | PCT/AU/99/00195* | AU 35647/02* |
| | | BR P19908967-0* | NZ 525941* |
| | | CA 2323726* | SG200205122-5* |
| | | CB 99804255-2* | US 09/646807* |
| | | CZ PB2000-3346* | PP2492/98* |
| | | EP 99910039.9* | AUPP2499/98* |
| US10/646,070 | US 10/821,710* | | |
| US 10/759,841* | US 10/821,726* | | |
| EP 04015041.9* | AU 2005209648 | | |
| AU2005211538 | | | |
| Graham/ Rice/ M/ R | Genetic Silencing | WO 01/70949 | SG 91678 |
| | | GB 237722 | ZA2002/7428 |
| | | AU PQ6363 | AU2001240375 |
| | | AUPR2700 | |
| Grahm, et al. | Double-Stranded Nucleic Acid | AU 2003906281 | AU 2004902279 |
| | | AU 2003906281 | PCT/AU04/000759 |
| | | US 10/861,191 | |

*Indicates a "Co-Owned Patents" are jointly owned by Benitec and CSIRO.

This Product and its use are the subject of one or more of the following patents: 6,682,907; 7,981,671; 8,093,042; 8,367,068; 8,450,087; 8,460,678; 8,512,994 and/or other foreign patents or pending applications licensed to GE Healthcare Dharmacon Inc. The purchase of this Product conveys to the Buyer the non-transferable right to use the purchased amount of the Product and components of the Product in research conducted by the Buyer (whether the Buyer is an academic or for-profit entity). The Buyer cannot sell or otherwise transfer this Product, its components or materials made using this Product or its components to a third party or otherwise use this Product or its components or materials made using this Product or its components for any commercial purposes. If the Buyer is not willing to accept the limitations of this limited use statement, Dharmacon is willing to accept return of the Product with a full refund. For information on purchasing a license to the DNA-Flap technology for purposes other than research, contact the Transfer of Technology Office, Institut Pasteur, 28 rue du Docteur Roux, 75 724 Paris Cedex 15 (www.pasteur.fr).

The Salk Institute

- 1) The Nature of the LICENSEE License: Licensee has a license to sell the Product containing WPRE, under the terms described below. Any use of WPRE outside of Licensee's Product or the Product's intended use, requires a license as detailed below. Before using the Product containing WPRE, please read the following license agreement. If Buyer does not agree to be bound by its terms, contact Licensee within 10 days for authorization to return the unused Product containing WPRE and to receive a full credit.
- 2) Patents: The WPRE technology is covered by patents issued to The Salk Institute for Biological Studies.
- 3) Individual License Agreement: Licensee grants Buyer a non-exclusive license to use the enclosed Product containing WPRE in its entirety for its intended use. The Product containing WPRE is being transferred to Buyer in furtherance of, and reliance on, such license. Any use of WPRE outside of Licensee's Product or the Product's intended use requires a license from the Salk Institute for Biological Studies.
- 4) Termination of License: This license agreement is effective until terminated. Buyer may terminate it at any time by destroying all Products containing WPRE in Buyer's control. It will also terminate automatically if Buyer fails to comply with the terms and conditions of the license agreement. Buyer will, upon termination of the license agreement, destroy all Products containing WPRE in Buyer's control, and so notify Licensee in writing. This License will be governed in its interpretation and enforcement by the laws of the State of California.
- 5) Contact for WPRE Licensing: The Salk Institute for Biological Studies
10010 North Torrey Pines Road
La Jolla, CA 92037
Attn.: Office of Technology Management
Phone: (858) 453-4100 extension 1703
Fax: (858) 546-8093

Lawrence Livermore National Laboratory

AGREEMENT IN GOOD FAITH CONCERNING USE AND DISTRIBUTION OF ARRAYED I.M.A.G.E. cDNA CLONES

You are being provided with I.M.A.G.E. Consortium [LLNL] cDNA clones (CLONES) and/or associated Products (PRODUCTS) (referred to collectively as IMAGE MATERIALS), in order to advance the public interest and to advance the objectives of the institutions that developed the original libraries from which these clones were derived (ORIGINATORS). The ORIGINATORS are the beneficiaries of, and may independently enforce, this Agreement.

DEFINITIONS

PROGENY means an unmodified descendant from CLONES or any comparable bacterial stock derived from CLONES (STOCK). DERIVATIVE PRODUCTS means any modification or Product of CLONES or PRODUCTS that is not a PROGENY or a STOCK. PRODUCTS mean any material(s), such as subclone(s), which contain or incorporate the CLONES and are derived directly from the original CLONES or their PROGENY.

USE OF IMAGE MATERIALS

By accepting IMAGE MATERIALS you are agreeing in good faith to the following terms. If you are unable to agree to these terms, you must immediately return IMAGE MATERIALS along with all copies and replicas thereof.

- (a) You will use the IMAGE MATERIALS in compliance with all applicable laws, governmental regulations and guidelines, including the United States National Institutes of Health guidelines, or their equivalent, and any regulations or guidelines pertaining to research with humans, or animals, or with recombinant DNA.
- (b) You may use CLONES to produce PROGENY, and to create DERIVATIVE PRODUCTS. You may use IMAGE MATERIALS, PROGENY, and DERIVATIVE PRODUCTS for commercial or non-commercial purposes, except for the purpose of redistribution of CLONES or PROGENY. Accordingly, you may transfer CLONES or PROGENY to additional parties only if 1) this document in its entirety accompanies CLONES or PROGENY, and 2) you transfer CLONES or PROGENY at no cost to such additional parties.
- (c) You will include the unique and specific identifier of each arrayed clone (which was initially assigned either by Lawrence Livermore National Laboratories (IMAGE Consortium), and which accompanies the IMAGE MATERIALS) in data pertaining to the IMAGE MATERIALS submitted to public databases and in resulting publications. This nomenclature consists of the term "IMAGE Clone ID" followed by a five to seven digit number. You will refer publicly (including but not limited to electronic and print versions of articles and databases) to these arrayed cDNA clones as the "I.M.A.G.E. Consortium [LLNL] cDNA Clones", and will reference the following publication: "The I.M.A.G.E. Consortium: An Integrated Molecular Analysis of Genomes and their Expression," Lennon, G.G., Auffray, C., Polymeropoulos, M., and Soares, M.B. [1996] Genomics 33, pgs. 151-152. In INTERNET/World Wide Web publications and databases, you agree to provide electronic referencing (e.g. 'anchors' and/or 'hotlinks') to the I.M.A.G.E. Consortium home page, currently located at URL <http://image.llnl.gov>.
- (d) YOU AGREE THAT THE IMAGE MATERIALS ARE EXPERIMENTAL IN NATURE AND ARE BEING PROVIDED WITHOUT WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR FREEDOM FROM INFRINGEMENT OF ANY PATENT OR OTHER PROPRIETARY RIGHT OF A THIRD PARTY.
- (e) YOU AGREE TO HOLD HARMLESS AND INDEMNIFY LAWRENCE LIVERMORE NATIONAL LABORATORIES (IMAGE CONSORTIUM), THE DEPARTMENT OF ENERGY, THE U.S. GOVERNMENT, THE ORIGINATORS OF THE LIBRARY FROM WHICH CLONES WERE ARRAYED, THE PROVIDER OF THE IMAGE MATERIALS AND PERSONS ACTING ON THEIR BEHALF, FOR ANY CLAIM ASSERTED BY A THIRD PARTY RELATED TO YOUR POSSESSION, USE, STORAGE, OR DISPOSAL OF THE IMAGE MATERIALS.
- (f) You understand that the ownership of the unarrayed cDNA libraries from which clones were arrayed is retained by the Originators of those libraries. Any new patentable developments or inventions first made by any party using the arrayed clones will remain the property of the inventing party. This Agreement does not constitute the Originators waiver of any patent rights.

ADMINISTRATION

Any correspondence concerning this Agreement should be addressed to:

Lawrence Livermore National Laboratory
Lawrence Livermore National Security, LLC
Industrial Partnerships Office
Attn: I.M.A.G.E. Consortium
P.O. Box 808, L-795

Livermore, CA 94550
Phone (925) 422-6416
Fax: (925) 423-8988

Life Technologies, Inc.

Limited Use Label License No. 19: Gateway® Cloning Products

This Product contains Gateway® technology that is the subject of one or more issued and/or pending U.S. and foreign patents and patent applications owned by Life Technologies Corporation ("Gateway® Technology"). The purchase of this Product conveys to the Buyer the non-transferable right to use the purchased amount of the Product and components of the Product in research conducted by the Buyer (whether the Buyer is an academic or for profit entity). The purchase of this Product does not convey a license under any method claims in patents or patent applications covering Gateway® Technology, or to use this Product with any recombination sites other than those purchased from Life Technologies Corporation or its authorized distributor. The right to use methods claimed in patents or patent applications covering Gateway® Technology with this Product for research purposes only can only be acquired by the use of Clonase™ purchased from Life Technologies Corporation or its authorized distributors. The Buyer cannot modify the recombination sequence(s) contained in this Product for any purpose. The Buyer cannot sell or otherwise transfer (a) this Product, (b) its components, or (c) materials made by the employment of this Product or its components to a third party or otherwise use this Product or its components or materials made by the employment of this Product or its components for Commercial Purposes. The Buyer may transfer information or materials made through the employment of this Product to a scientific collaborator, provided that such transfer is not for any Commercial Purpose, and that such collaborator agrees in writing (a) not to transfer such materials to any third party, and (b) to use such transferred materials and/or information solely for research and not for Commercial Purposes. Transfer of such materials and/or information to collaborators does not convey rights to practice any methods claimed in patents or patent applications covering Gateway® Technology. Commercial Purposes means any activity by a party for consideration and may include, but is not limited to: (1) use of the Product or its components in manufacturing; (2) use of the Product or its components to provide a service, information, or data; (3) use of the Product or its components for therapeutic, diagnostic or prophylactic purposes; or (4) resale of the Product or its components, whether or not such Product or its components are resold for use in research. Notwithstanding the preceding sentence, academic Buyers who are core facilities may use this Product to perform life science research services only for academic customers provided that (i) any consideration charged for such services is sufficient only for such academic Buyer to recover its service costs, and (ii) no for-profit entity funds, in whole or in part, such services or possesses any present or future right(s) (e.g. intellectual property or contract) in the outcome of such services. Life Technologies Corporation will not assert a claim against the Buyer of infringement of patents covering Gateway® Technology based upon the manufacture, use or sale of a therapeutic, clinical diagnostic, vaccine or prophylactic Product developed in research by the Buyer in which this Product or its components was employed, provided that none of (i) this Product, (ii) any of its components, or (iii) a method claim of patents covering Gateway® Technology, was used in the manufacture of such Product. Life Technologies Corporation will not assert a claim against the Buyer of infringement of patents covering Gateway® Technology based upon the use of this Product to manufacture a protein for sale, provided that no method claim in such patents was used in the manufacture of such protein. For information on purchasing a license to use this Product for purposes other than those permitted herein, contact Licensing Department, Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, California 92008 USA. Phone (760) 603-7200. Email: outlicensing@lifetech.com.