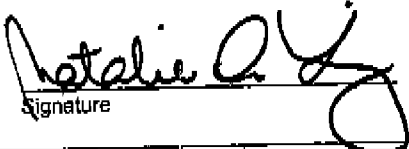


Substitute Form PTO-1595
Attorney Docket No.: 10278-017003

RECORDATION FORM COVER SHEET PATENTS ONLY

Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Transkaryotic Therapies, Inc. Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Shire Human Genetic Therapies, Inc. 700 Main Street Cambridge, MA 02139 Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input checked="" type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 01/17/2006	
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): <div style="text-align: center; font-weight: bold;">11/581,979</div> B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: Fish & Richardson P.C. 225 Franklin Street Boston, MA 02110	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE THIS SPACE	
9. Statement and Signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> Natalie A. Lissy, Ph.D. Reg. No. 59,651 Name of Person Signing </div> <div style="width: 30%; text-align: center;">  Signature </div> <div style="width: 30%; text-align: center;"> <u>March 15, 2007</u> Date </div> </div>	
Total number of pages including coversheet, attachments and document: 3	

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CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

3/15/2007  Andrea Donovan
 Date of Transmission Signature Typed Name of Person Signing Certificate

PATENT

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State of Delaware
Secretary of State
Division of Corporations
Delivered 12:19 PM 01/17/2006
FILED 11:04 AM 01/17/2006
SRV 060041472 - 2165895 FILE

CERTIFICATE OF AMENDMENT
OF
AMENDED AND RESTATED
CERTIFICATE OF INCORPORATION
OF
TRANSKARYOTIC THERAPIES, INC.

Pursuant to Section 242
of the General Corporation Law of
the State of Delaware

Transkaryotic Therapies, Inc (hereinafter called the "Corporation"), organized
and existing under and by virtue of the General Corporation Law of the State of
Delaware, does hereby certify that:

The amendment to the Corporation's Amended and Restated Certificate of
Incorporation set forth in the following resolution approved by the Corporation's Board
of Directors and sole stockholder was duly adopted in accordance with the provisions of
Section 242 of the General Corporation Law of the State of Delaware:

RESOLVED, that the Certificate of Incorporation of the Corporation be
amended by striking Article I in its entirety and replacing it with the following:

- 1 The name of the Corporation is Shire Human Genetic Therapies, Inc.

IN WITNESS WHEREOF, Transkaryotic Therapies, Inc. has caused this
Certificate to be signed by its duly authorized officer this 17 day of January, 2006.

Transkaryotic Therapies, Inc.

By: 
David D. Pendergast, Ph.D.
EVP and General Manager

Delaware

PAGE 1

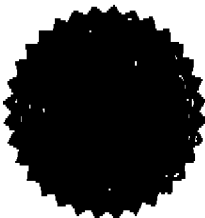
The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "TRANSKARYOTIC THERAPIES, INC.", CHANGING ITS NAME FROM "TRANSKARYOTIC THERAPIES, INC." TO "SHIRE HUMAN GENETIC THERAPIES, INC.", FILED IN THIS OFFICE ON THE SEVENTEENTH DAY OF JANUARY, A.D. 2006, AT 11:04 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.

2165895 8100

060041472

*Harriet Smith Windsor*

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 4452380

DATE: 01-17-06