



## PHRI Properties Patent Rights

### I. Hybridization Probes for Nucleic Acid Detection, Universal Stems, Methods and Kits

COUNTRY	APPLN. NUMBER	FILING DATE	PATENT NUMBER
Australia	95/12921	11/14/94	697,841
Canada	2,176,348	11/14/94	2,176,348
Europe*	95/904104.7	11/14/94	
Japan	7-514079	11/14/94	
United States	08/152,006	11/12/93	C-I-P filed as 08/439,819

\* The following countries are designated: all countries as of November 14, 1994

### II. Detectably Labeled Dual Conformation Oligonucleotide Probes, Assays and Kits

COUNTRY	APPLN. NUMBER	FILING DATE	PATENT NUMBER
Australia	96/52324	05/13/96	702,598
Canada	2,176,266	05/10/96	
Europe*	96/303544.9	05/10/96	
Japan	8-118110	05/13/96	3850914
United States	08/439,819	05/12/95	5,925,517
United States	09/268,402	03/15/99	6,103,476

\* The following countries are designated: all countries as of May 10, 1995

### III. Nucleic Acid Detection Probes Having Non-FRET Fluorescence Quenching and Kits and Assays Including Such Probes

COUNTRY	APPLN. NUMBER	FILING DATE	PATENT NUMBER
Australia	97/29224	04/14/97	713,667
Canada	2,252,048	04/14/97	
Europe*	97/923412.7	04/14/97	
Japan	9-537293	04/14/97	
United States	08/990,176	12/12/97	6,150,097

\* The following countries are designated: Belgium, Denmark, France, Germany, Italy, The Netherlands, Sweden, Switzerland, and The United Kingdom

#### IV. Non-Competitive Co-Amplification Methods

COUNTRY	APPLN. NUMBER	FILING DATE	PATENT NUMBER
Australia	98/94846	09/11/98	743,011
Canada	2,303,414	09/11/98	
Europe*	98/948229.4	09/11/98	
Japan	2000-510898	09/11/98	
United States	09/508,343	10/20/00	6,461,817

\* The following countries are designated: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, The Netherlands, Spain, Sweden, Switzerland, and The United Kingdom

#### V. Wavelength-Shifting Probes and Primers and Their Use in Assays and Kits

COUNTRY	APPLN. NUMBER	FILING DATE	PATENT NUMBER
Australia	99/52402	07/28/99	763,106
Canada	2,336,489	07/28/99	
Europe*	99/937602.3	07/28/99	
Japan	2000-562560	07/28/99	3851088
United States	09/123,764	07/28/98	6,037,130

\* The following countries are designated: Austria, Belgium, Cyprus, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, Monaco, The Netherlands, Portugal, Spain, Sweden, Switzerland, and The United Kingdom

#### VI. Assays for Short Sequence Variants

COUNTRY	APPLN. NUMBER	FILING DATE	PATENT NUMBER
Australia	00/80240	10/13/00	781,945
Canada	2,387,306	10/13/00	
Europe*	00/970925.4	10/13/00	1230387
Japan	2001-533197	10/13/00	
United States	10/110,907	07/24/02	

\* The following countries are designated: all countries except Cyprus and Turkey as of May 2002

**VII. Homogenous Multiplex Screening Assays and Kits**

COUNTRY	APPLN. NUMBER	FILING DATE	PATENT NUMBER
Australia	04/236725	04/29/04	
Canada	2,524,080	04/29/04	
China	04/80018729.6	04/29/04	
Europe*	04/751175.3	04/29/04	
Japan	2006-514227	04/29/04	
United States	10/426,556	04/30/03	

\* The following countries are designated: all countries except Albania, Croatia, Lithuania, Latvia, and Macedonia as of October 2005