

PCT REQUEST

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0	For receiving Office use only	
0-1	International Application No.	PCT/IB2011/052475
0-2	International Filing Date	07 June 2011 (07.06.2011)
0-3	Name of receiving Office and "PCT International Application"	RO/IB
0-4	Form PCT/RO/101 PCT Request	
0-4-1	Prepared Using	PCT-SAFE Version 3.51.049.225 MT/FOP 20110401/0.20.5.19
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	International Bureau of the World Intellectual Property Organization (RO/IB)
0-7	Applicant's or agent's file reference	PCT1104/MRrk
I	Title of Invention	POLYNUCLEOTIDE SEQUENCE, PROCESSES, COMPOSITION AND METHODS THEREOF
II	Applicant	
II-1	This person is	Applicant only
II-2	Applicant for	All designated States except US
II-4	Name	INDIAN INSTITUTE OF SCIENCE
II-5	Address	560 012 Bangalore, Karnataka India
II-6	State of nationality	IN
II-7	State of residence	IN
II-8	Telephone No.	918040427900
II-9	Facsimile No.	918040427901
II-10	e-mail	rkanta@knspartners.com
II-10(a)	E-mail authorization The receiving Office, the International Searching Authority, the International Bureau and the International Preliminary Examining Authority are authorized to use this e-mail address, if the Office or Authority so wishes, to send notifications issued in respect of this international application:	exclusively in electronic form (no paper notifications will be sent)

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III-1	Applicant and/or inventor	
III-1-1	This person is	Applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	TATU, Utpal
III-1-5	Address	Dept. of Biochemistry Indian Institute of Science 560012 Bangalore, Karnataka India
III-1-6	State of nationality	IN
III-1-7	State of residence	IN
III-2	Applicant and/or inventor	
III-2-1	This person is	Applicant and inventor
III-2-2	Applicant for	US only
III-2-4	Name (LAST, First)	PALLAVI, Rani
III-2-5	Address	Dept. of Biochemistry Indian Institute of Science 560012 Bangalore, Karnataka India
III-2-6	State of nationality	IN
III-2-7	State of residence	IN
III-3	Applicant and/or inventor	
III-3-1	This person is	Applicant and inventor
III-3-2	Applicant for	US only
III-3-4	Name (LAST, First)	YADAV, Suresh, Chander
III-3-5	Address	Veterinary Parasitology National Research Centre on Equines, Sirsa Road 125001 Hisar, Haryana India
III-3-6	State of nationality	IN
III-3-7	State of residence	IN
III-4	Applicant and/or inventor	
III-4-1	This person is	Applicant and inventor
III-4-2	Applicant for	US only
III-4-4	Name (LAST, First)	SINGH, Raj, Kumar
III-4-5	Address	National Research Centre on Equines Sirsa Road 125001 Hisar, Haryana India
III-4-6	State of nationality	IN
III-4-7	State of residence	IN

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IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	Agent
IV-1-1	Name (LAST, First)	VIJAYAKRISHNAN, Sindhu
IV-1-2	Address	K & S Partners # 4121/B, 6th Cross, 19A Main, HAL II Stage (Extension) 560 038 Bangalore India
IV-1-3	Telephone No.	918040427900
IV-1-4	Facsimile No.	918040427901
IV-1-5	e-mail	bangalore@knspartners.com
IV-1-5(a))	E-mail authorization The receiving Office, the International Searching Authority, the International Bureau and the International Preliminary Examining Authority are authorized to use this e-mail address, if the Office or Authority so wishes, to send notifications issued in respect of this international application:	as advance copies followed by paper notifications
IV-1-6	Agent's registration No.	IN/PA-1726
IV-2	Additional agent(s)	additional agent(s) with same address as first named agent
IV-2-1	Name(s)	BHOLA, Ravi (IN/PA-506); MUKHARYA, Durgesh (IN/PA-1541); RANGAPPA, Parame-nahalli, Himantharaju, Dodda (IN/PA-1538); CHIKKABBAIAH, Naveen (IN/PA-1419); THIPPAPPA, Madhusudan, Siddara (IN/PA-1297); GAMP, Sravan, Kumar (IN/PA-1744)
V	DESIGNATIONS	
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.	
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	08 June 2010 (08.06.2010)
VI-1-2	Number	1575/CHE/2010
VI-1-3	Country	IN

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VI-2	Incorporation by reference : where an element of the international application referred to in Article 11(1)(iii)(d) or (e) or a part of the description, claims or drawings referred to in Rule 20.5(a) is not otherwise contained in this international application but is completely contained in an earlier application whose priority is claimed on the date on which one or more elements referred to in Article 11(1)(iii) were first received by the receiving Office, that element or part is, subject to confirmation under Rule 20.6, incorporated by reference in this international application for the purposes of Rule 20.6.	
VII-1	International Searching Authority Chosen	Australian Patent Office (ISA/AU)
VIII	Declarations	Number of declarations
VIII-1	Declaration as to the identity of the inventor	1
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	1
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	1
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-

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VIII-1-1	Declaration: Identity of the Inventor Declaration as to the identity of the inventor (Rules 4.17(i) and 51bis.1(a)(i))	In relation to this international application
	Name (LAST, First) Address	YADAV, Suresh, Chander of Veterinary Parasitology National Research Centre on Equines, Sirsa Road 125001 India is the inventor of the subject matter for which protection is sought by way of this international application
	Name (LAST, First) Address	SINGH, Raj, Kumar of National Research Centre on Equines Sirsa Road 125001 India is the inventor of the subject matter for which protection is sought by way of this international application

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VIII-3-1	Declaration: Entitlement to claim priority Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii)) Name	In relation to this international application INDIAN INSTITUTE OF SCIENCE is entitled to claim priority of earlier application No. 1575/CHE/2010 by virtue of the following:
VIII-3-1(i)		INDIAN INSTITUTE OF SCIENCE is entitled as employer of the inventor, TATU, Utpal
VIII-3-1(i)		INDIAN INSTITUTE OF SCIENCE is entitled as employer of the inventor, PALLAVI, Rani
VIII-3-1(i)		an assignment from TATU, Utpal to INDIAN INSTITUTE OF SCIENCE, dated 07 June 2011 (07.06.2011)
VIII-3-1(i)		an assignment from PALLAVI, Rani to INDIAN INSTITUTE OF SCIENCE, dated 07 June 2011 (07.06.2011)

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<p>VIII-4-1</p>	<p>Declaration: Inventorship (only for the purposes of the designation of the United States of America) Declaration of Inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America:</p>	<p>I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.</p> <p>This declaration is directed to the international application of which it forms a part (if filing declaration with application).</p> <p>This declaration is directed to international application No. PCT/ (if furnishing declaration pursuant to Rule 26ter).</p> <p>I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.</p> <p>I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications", by application number, country or Member of the World Trade Organization, day, month, and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.</p>
<p>VIII-4-1-1</p>	<p>Prior applications:</p>	<p>1575/CHE/2010, IN, 08 June 2010 (08.06.2010)</p>

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		<p>I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.</p> <p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p>
VIII-4-1-1-1	Name (LAST, First)	TATU, Utpal
VIII-4-1-1-2	Residence: (city and either US State, if applicable, or country)	Bangalore, Karnataka, India
VIII-4-1-1-3	Mailing address:	Dept. of Biochemistry Indian Institute of Science 560012 Bangalore, Karnataka India
VIII-4-1-1-4	Citizenship:	IN
VIII-4-1-1-5	Inventor's Signature: (The signature must be that of the inventor, not that of the agent)	
VIII-4-1-1-6	Date:	

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VIII-4-1-2-1	Name (LAST, First)	PALLAVI, Rani
VIII-4-1-2-2	Residence: (city and either US State, if applicable, or country)	Bangalore, Karnataka, India
VIII-4-1-2-3	Mailing address:	Dept. of Biochemistry Indian Institute of Science 560012 Bangalore, Karnataka India
VIII-4-1-2-4	Citizenship:	IN
VIII-4-1-2-5	Inventor's Signature: (The signature must be that of the inventor, not that of the agent)	
VIII-4-1-2-6	Date	
VIII-4-1-3-1	Name (LAST, First)	YADAV, Suresh, Chander
VIII-4-1-3-2	Residence: (city and either US State, if applicable, or country)	Hisar, Haryana, India
VIII-4-1-3-3	Mailing address:	Veterinary Parasitology National Research Centre on Equines, Sirsa Road 125001 Hisar, Haryana India
VIII-4-1-3-4	Citizenship:	IN
VIII-4-1-3-5	Inventor's Signature: (The signature must be that of the inventor, not that of the agent)	
VIII-4-1-3-6	Date	
VIII-4-1-4-1	Name (LAST, First)	SINGH, Raj, Kumar
VIII-4-1-4-2	Residence: (city and either US State, if applicable, or country)	Hisar, Haryana, India
VIII-4-1-4-3	Mailing address:	National Research Centre on Equines Sirsa Road 125001 Hisar, Haryana India
VIII-4-1-4-4	Citizenship:	IN
VIII-4-1-4-5	Inventor's Signature: (The signature must be that of the inventor, not that of the agent)	
VIII-4-1-4-6	Date	

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IX	Check list	Number of sheets	Electronic file(s) attached
IX-1	Request (including declaration sheets)	10	✓
IX-2	Description	16	✓
IX-3	Claims	3	✓
IX-4	Abstract	1	✓
IX-5	Drawings	6	✓
IX-6a	Sequence listing part of the description (also to be used for the purposes of international search)	-	✓
IX-7	TOTAL	36	
	Accompanying Items	Paper document(s) attached	Electronic file(s) attached
IX-8	Fee calculation sheet	-	✓
IX-18	PCT-SAFE physical media	-	-
IX-20	Figure of the drawings which should accompany the abstract	NIL	
IX-21	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative	(PKCS7 Digital Signature)	
X-1-1	Name (LAST, First)	VIJAYAKRISHNAN, Sindhu	
X-1-2	Name of signatory		
X-1-3	Capacity (if such capacity is not obvious from reading the request)		

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10-1	Date of actual receipt of the purported international application	07 June 2011 (07.06.2011)
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/AU
10-6	Transmittal of search copy delayed until search fee is paid	

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11-1	Date of receipt of the record copy by the International Bureau	
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