

Deposits of Microorganisms and Other Biological Material

Requirements of designated and elected Offices

Only Offices whose applicable national law contains provisions concerning the deposits of microorganisms and other biological material are listed in this table. Unless otherwise indicated in the table, deposits may be made for the purposes of patent procedure before these Offices with any depositary institution having acquired the status of international depositary authority under the Budapest Treaty on the International Recognition of the Deposit of Microorganisms for the Purposes of Patent Procedure (these institutions are indicated further in this Annex and notifications related thereto may be consulted under www.wipo.int/treaties/en/registration/budapest/). Further information concerning the requirements of international depositary authorities under the Budapest Treaty is available at www.wipo.int/treaties/en/registration/budapest/guide/.

Designated (or elected) Office	Time (if any) earlier than 16 months from priority date by which applicant must furnish:		Additional indications (if any) which must be given besides those prescribed in Rule 13bis.3(a)(i) to (iii) pursuant to notifications from the Offices concerned
	the indications prescribed in Rule 13bis.3(a)(i) to (iii)	any additional matter specified in the adjacent right-hand column	
Albania General Directorate of Industrial Property (GDIP) (Albania)	None	At the time of filing (as part of the application)	To the extent available to the applicant, relevant information on the characteristics of the microorganism
Deposits may also be made for the purposes of patent procedure before the General Directorate of Industrial Property (GDIP) (Albania) with any depositary institution specialized for that purpose.			
Australia Australian Patent Office	None	At the time of filing (as part of the application)	To the extent available to the applicant, relevant information on the characteristics of the microorganism
An applicant may give notice that the furnishing of a sample of a microorganism shall only be effected prior to the grant of a patent, or to the lapsing, refusal or withdrawal of an application, to a person who is a skilled addressee without an interest in the invention (Regulation 3.25A(2) of the Australian Patents Regulations). The applicant must give notice directly to the Australian Patent Office before the application is made available to the public (normally the international publication date).			
Austria Austrian Patent Office	Before completion of technical preparations for international publication	At the time of filing (as part of the application)	To the extent available to the applicant, all significant information on the characteristics of the microorganism
Belarus National Center of Intellectual Property (Belarus)	The name of the depositary institution and the accession number at the time of filing (must be in the description)	None	None
For the purposes of patent procedure before the National Center of Intellectual Property (Belarus), a deposit may be made not later than the priority date of the international application with any international or Belarusian depositary institution specialized for that purpose.			

Deposits of Microorganisms and Other Biological Material

Requirements of designated and elected Offices [*Continued*]

Designated (or elected) Office	Time (if any) earlier than 16 months from priority date by which applicant must furnish:		Additional indications (if any) which must be given besides those prescribed in Rule 13bis.3(a)(i) to (iii) pursuant to notifications from the Offices concerned
	the indications prescribed in Rule 13bis.3(a)(i) to (iii)	any additional matter specified in the adjacent right-hand column	
Bosnia and Herzegovina Institute for Intellectual Property of Bosnia and Herzegovina	At the time of filing, either in the description or separately	At the time of filing, either in the description or separately	To the extent available to the applicant, relevant information on the characteristics of the microorganism
Deposits may be made for the purposes of patent procedure before the Institute for Intellectual Property of Bosnia and Herzegovina with any depositary institution having acquired the status of international depositary authority under the Budapest Treaty on the International Recognition of the Deposit of Microorganisms for the Purposes of Patent Procedure (these institutions are indicated further in this Annex and notifications related thereto may be consulted under www.wipo.int/treaties/en/registration/budapest/).			
Brazil National Institute of Industrial Property (Brazil)	None	At the time of filing (as part of the application)	To the extent available to the applicant, relevant information on the characteristics of the biological material
Deposits may also be made for the purposes of patent procedure before the National Institute of Industrial Property (Brazil) with any depositary institution authorized by the Institute.			
Brunei Darussalam Brunei Darussalam Intellectual Property Office (BruIPO)	None	None	None
The applicant may request that a sample only be made available to an expert before the patent is granted or if the application has been withdrawn, or has been treated as having been abandoned, has been refused or is treated as having been refused. The applicant should make such requests to the International Bureau in writing before completion of technical preparations for publication of the international application.			
Bulgaria Patent Office of the Republic of Bulgaria	Within three months after the filing date	At the time of filing (as part of the application)	None

Deposits of Microorganisms and Other Biological Material

Requirements of designated and elected Offices *[Continued]*

Designated (or elected) Office	Time (if any) earlier than 16 months from priority date by which applicant must furnish:		Additional indications (if any) which must be given besides those prescribed in Rule 13bis.3(a)(i) to (iii) pursuant to notifications from the Offices concerned
	the indications prescribed in Rule 13bis.3(a)(i) to (iii)	any additional matter specified in the adjacent right-hand column	
Canada Canadian Intellectual Property Office	Where applicant requests publication earlier than 16 months from the priority date, not later than that request	None	None
<p>If an applicant wishes that, until either a Canadian patent has been issued on the basis of an application or the application has been refused, or is abandoned and no longer subject to reinstatement, or is withdrawn, the Commissioner of Patents only authorizes the furnishing of a sample of deposited biological material referred to in the application to an independent expert nominated by the Commissioner, the applicant must, by a written statement, inform the International Bureau accordingly before completion of technical preparations for publication of the international application. Such statement must be separate from the description and claims of the international application and must preferably be made on Form PCT/RO/134, referred to in Section 209 of the Administrative Instructions under the PCT.</p>			
Chile National Institute of Industrial Property (Chile)	At the time of filing, either in the description or separately	At the time of filing, either in the description or separately	To the extent available to the applicant, relevant information on the characteristics of the microorganism
China China National Intellectual Property Administration (CNIPA)	None	None	The scientific name (with its Latin name) of the microorganism, relevant information on the characteristics of the microorganism, a receipt of deposit and the viability proof from the depositary institution of a sample of the microorganism
<p>Deposits may be made for the purposes of the patent procedure before the China National Intellectual Property Administration (CNIPA) with CGMCC or CCTCC (see further in this Annex), or with any depositary institution having acquired the status of international depositary authority under the Budapest Treaty on the International Recognition of the Deposit of Microorganisms for the Purposes of Patent Procedure. Deposits shall be made for the purposes of the patent procedure before, or at the latest on, the date of filing (or the priority date where priority is claimed).</p>			
Colombia Superintendence of Industry and Commerce (Colombia)	None	None	To the extent available to the applicant, relevant information on the characteristics of the microorganism

Deposits of Microorganisms and Other Biological Material

Requirements of designated and elected Offices [*Continued*]

Designated (or elected) Office	Time (if any) earlier than 16 months from priority date by which applicant must furnish:		Additional indications (if any) which must be given besides those prescribed in Rule 13bis.3(a)(i) to (iii) pursuant to notifications from the Offices concerned
	the indications prescribed in Rule 13bis.3(a)(i) to (iii)	any additional matter specified in the adjacent right-hand column	
Croatia State Intellectual Property Office (Croatia)	Where applicant requests publication earlier than 18 months from the priority date, not later than that request	At the time of filing (as part of the application)	To the extent available to the applicant, relevant information on the characteristics of the microorganism
<p>Deposits may also be made for the purposes of patent procedure before the State Intellectual Property Office (Croatia) with any depositary institution having acquired the status of international depositary authority under the Budapest Treaty.</p> <p>Samples shall be, upon request, made available between the publication of the application and the granting of the patent to anyone requesting them, or, if the applicant so requests, only to an independent expert, or to, after the patent has been granted, and notwithstanding cancellation or revocation of the patent, anyone requesting them.</p> <p>Samples shall be made available only if the person requesting them undertakes, for the term during which the patent is in force:</p> <ol style="list-style-type: none"> 1. not to make them or any material derived from them available to third parties; 2. not to use them or any material derived from them except for experimental or research purposes, unless the applicant for or owner of the patent, as applicable, expressly waives such undertaking. 			
Cuba Cuban Industrial Property Office	The name of the depositary institution, the date of the deposit and the accession number at the time of filing (as part of the application)	At the time of filing (as part of the application)	To the extent available to the applicant, relevant information on the characteristics of the biological material
<p>The certificate of deposit must be submitted within 16 months from the date of filing of the application or, if applicable, the date of the priority claim.</p>			
Czechia Industrial Property Office (Czechia)	The name of the depositary institution and the accession number at the time of filing (as part of the application)	At the time of filing (as part of the application)	To the extent available to the applicant, relevant information on the characteristics of the biological material

Deposits of Microorganisms and Other Biological Material

Requirements of designated and elected Offices *[Continued]*

Designated (or elected) Office	Time (if any) earlier than 16 months from priority date by which applicant must furnish:		Additional indications (if any) which must be given besides those prescribed in Rule 13bis.3(a)(i) to (iii) pursuant to notifications from the Offices concerned
	the indications prescribed in Rule 13bis.3(a)(i) to (iii)	any additional matter specified in the adjacent right-hand column	
Denmark Danish Patent and Trademark Office	Where applicant requests publication earlier than 16 months from the priority date, not later than that request	At the time of filing (as part of the application)	To the extent available to the applicant, all significant information on the characteristics of the microorganism
<p>The applicant may request that, until the application has been laid open to public inspection (by the Danish Patent and Trademark Office), or has been finally decided upon by the Danish Patent and Trademark Office without having been laid open to public inspection, the furnishing of a sample shall only be effected to an expert in the art. The request to this effect shall be filed by the applicant with the Danish Patent and Trademark Office not later than at the time when the application is made available to the public under Sections 22 and 33(3) of the Danish Patents Act. If such a request has been filed by the applicant, any request made by a third party for the furnishing of a sample shall indicate the expert to be used. That expert may be any person entered on a list of recognized experts drawn up by the Danish Patent and Trademark Office or any person approved by the applicant in the individual case.</p>			
Djibouti Office of Industrial Property and Commerce of Djibouti (ODPIC)	None	None	To the extent available to the applicant, relevant information on the characteristics of the microorganism
<p>For the purposes of patent procedure before the Office of Industrial Property and Commerce of Djibouti (ODPIC), a deposit is required not later than at the date of filing the international application. A receipt attesting the deposit and its acceptance issued by the depositary institution with which the microorganism was deposited must be submitted to ODPIC within the time limit applicable under PCT Article 22 or 39(1).</p> <p>Where the biological material has been deposited by a person other than the applicant, the reference to such a deposit must include the name and address of the depositor and a statement that the latter has authorized the applicant to refer to the deposited biological material in the application and has given his unreserved and irrevocable consent to the deposited material being made available to the public.</p>			
Ecuador National Service of Intellectual Rights (SENADI) (Ecuador)	At the time of filing for notification of the fact that a deposit was made on or before the filing date	None	None

Deposits of Microorganisms and Other Biological Material

Requirements of designated and elected Offices [*Continued*]

Designated (or elected) Office	Time (if any) earlier than 16 months from priority date by which applicant must furnish:		Additional indications (if any) which must be given besides those prescribed in Rule 13bis.3(a)(i) to (iii) pursuant to notifications from the Offices concerned
	the indications prescribed in Rule 13bis.3(a)(i) to (iii)	any additional matter specified in the adjacent right-hand column	
El Salvador National Center of Registries (CNR) (El Salvador)	None	None	To the extent available to the applicant, a description of the characteristics and an indication of the usefulness of the microorganism and/or other biological material
<p>Deposits may also be made for the purposes of patent procedure before the National Center of Registries (CNR) (El Salvador) with any depository institution having acquired the status of international depository authority under the Budapest Treaty on the International Recognition of the Deposit of Microorganisms for the Purposes of Patent Procedure.</p>			
Finland Finnish Patent and Registration Office (PRH)	Where applicant requests publication earlier than 16 months from the priority date, not later than that request	At the time of filing (as part of the application)	To the extent available to the applicant, all significant information on the characteristics of the biological material
<p>The applicant may request that, until the publication of the mention of the grant of a patent by the Finnish Patent and Registration Office (PRH) or for 20 years from the date of filing if the application has been finally decided upon without resulting in the grant of a patent by the Finnish Patent and Registration Office (PRH), the furnishing of a sample shall only be effected to an expert in the art. The request to this effect shall be filed by the applicant with the International Bureau before the expiration of 16 months from the priority date (preferably on Form PCT/RO/134). If such a request has been filed by the applicant, any request made by a third party for the furnishing of a sample shall indicate the expert to be used. That expert may be any person entered on a list of recognized experts drawn up by the Finnish Patent and Registration Office (PRH) or any person approved by the applicant in the individual case.</p>			
Georgia National Intellectual Property Center of Georgia (SAKPATENTI)	None	None	None
<p>Deposits may also be made for the purposes of patent procedure before the National Intellectual Property Center of Georgia (SAKPATENTI) with “any scientifically recognized institution at home and abroad” and that includes all institutions published further in this Annex.</p>			

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Requirements of designated and elected Offices *[Continued]*

Designated (or elected) Office	Time (if any) earlier than 16 months from priority date by which applicant must furnish:		Additional indications (if any) which must be given besides those prescribed in Rule 13bis.3(a)(i) to (iii) pursuant to notifications from the Offices concerned
	the indications prescribed in Rule 13bis.3(a)(i) to (iii)	any additional matter specified in the adjacent right-hand column	
Germany German Patent and Trade Mark Office	Sections 1(1), No. 3 and 3(2) of the Ordinance on the Deposit of Biological Material <i>[BioMatHintV]</i> : The name and address of the depositary institution at the time of filing (as part of the application) Where the applicant requests publication earlier than 16 months from the priority date, the accession number not later than that request Where the applicant has been notified that a right to inspection of files exists, the accession number, one month from that notification	Section 1(1), No. 2, of the Ordinance on the Deposit of Biological Material: At the time of filing (as part of the application)	Section 1(1), No. 2, of the Ordinance on the Deposit of Biological Material: To the extent available to the applicant, relevant information on the characteristics of the biological material

Deposits may also be made for the purposes of patent procedure before the German Patent and Trade Mark Office with all institutions published further in this Annex and with any scientifically recognized institution at home or abroad that is legally, economically and organizationally independent of the applicant and of the depositor and ensures the proper storage and furnishing of samples in accordance with the Ordinance on the Deposit of Biological Material of 24 January 2005.

The applicant may request that, until the grant of a patent or for 20 years from the date of filing if the application is refused or withdrawn, a sample shall only be issued to an independent expert nominated by the applicant. The request shall be filed with the German Patent and Trade Mark Office before technical preparations for publication of the international application are considered to be completed.

At the time of filing, the applicant shall give his unreserved and irrevocable authorization to the depositary institution to issue samples in accordance with the Ordinance on the Deposit of Biological Material of 24 January 2005, and shall furnish documentary evidence that the depositor has given an undertaking to that effect, where the biological material has been deposited by a third party.

Deposits of Microorganisms and Other Biological Material

Requirements of designated and elected Offices [*Continued*]

Designated (or elected) Office	Time (if any) earlier than 16 months from priority date by which applicant must furnish:		Additional indications (if any) which must be given besides those prescribed in Rule 13bis.3(a)(i) to (iii) pursuant to notifications from the Offices concerned
	the indications prescribed in Rule 13bis.3(a)(i) to (iii)	any additional matter specified in the adjacent right-hand column	
Guatemala Registry of Intellectual Property (Guatemala)	At the time of filing (must be in the description)	None	To the extent available to the applicant, a description of the characteristics of the microorganism and/or other biological material
<p>Deposits may be made for the purposes of patent procedure before the Registry of Intellectual Property (Guatemala) with any depositary institution having acquired the status of international depositary authority under the Budapest Treaty on the International Recognition of the Deposit of Microorganisms for the Purposes of Patent Procedure (these institutions are indicated further in this Annex and notifications related thereto may be consulted under www.wipo.int/treaties/en/registration/budapest/).</p>			
Honduras Directorate General of Intellectual Property (Honduras)	At the time of filing, either in the description or separately	At the time of filing, either in the description or separately	To the extent available to the applicant, relevant information on the characteristics of the microorganism
<p>Deposits may be made for the purposes of patent procedure before the Directorate General of Intellectual Property (Honduras) with any depositary institution having acquired the status of international depositary authority under the Budapest Treaty on the International Recognition of the Deposit of Microorganisms for the Purposes of Patent Procedure (these institutions are indicated further in this Annex and notifications related thereto may be consulted under www.wipo.int/treaties/en/registration/budapest/).</p>			
Hungary Hungarian Intellectual Property Office (HIPO)	At the time of filing for notification of the fact that a deposit was made on or before the filing date	None	To the extent available to the applicant, the characteristics of the microorganism and a taxonomic description
<p>Deposits may also be made for the purposes of patent procedure before the Hungarian Intellectual Property Office (HIPO) with “any internationally well-known depositary institution in case of reciprocity.”</p>			
Iceland Icelandic Intellectual Property Office (ISIPO)	Where applicant requests publication earlier than 16 months from the priority date, not later than that request	At the time of filing (as part of the application)	To the extent available to the applicant, all significant information on the characteristics of the microorganism
<p>The applicant may request that, until a patent has been granted or a final decision taken by the Icelandic Intellectual Property Office (ISIPO) concerning an application which has not resulted in a patent, the furnishing of a sample shall only be effected to an expert in the art. The request to this effect shall be filed by the applicant with the Icelandic Intellectual Property Office (ISIPO) not later than at the time when the application is made available to the public under Sections 22 and 33(3) of the Icelandic Patent Act. If such a request has been filed by the applicant, any request made by a third party for the furnishing of a sample shall indicate the expert to be used. That expert may be any person entered on a list of recognized experts drawn up by the Icelandic Intellectual Property Office (ISIPO) or any person approved by the applicant in the individual case.</p>			

Deposits of Microorganisms and Other Biological Material

Requirements of designated and elected Offices *[Continued]*

Designated (or elected) Office	Time (if any) earlier than 16 months from priority date by which applicant must furnish:		Additional indications (if any) which must be given besides those prescribed in Rule 13bis.3(a)(i) to (iii) pursuant to notifications from the Offices concerned
	the indications prescribed in Rule 13bis.3(a)(i) to (iii)	any additional matter specified in the adjacent right-hand column	
India Indian Patent Office	At the time of filing, either in the description or separately	At the time of filing, either in the description or separately	To the extent available to the applicant, relevant information on the characteristics of the microorganism
Deposits may be made for the purposes of patent procedure before the Indian Patent Office with any depositary institution having acquired the status of international depositary authority under the Budapest Treaty on the International Recognition of the Deposit of Microorganisms for the Purposes of Patent Procedure (these institutions are indicated further in this Annex and notifications related thereto may be consulted under www.wipo.int/treaties/en/registration/budapest/). See also Indian Patents Act, Section 10(4)(d)(ii).			
Indonesia Directorate General of Intellectual Property (Indonesia)	None	None	To the extent available to the applicant, a description of the characteristics of the micro- organism
Israel Israel Patent Office	The name of the depositary institution, the date of the deposit and the accession number at the time of filing (must be in the description)	At the time of filing (must be in the description)	To the extent available to the applicant, relevant information on the characteristics of the microorganism
Japan Japan Patent Office (JPO)	At the time of filing (must be in the description) (furnishing of the date of deposit of the biological material is not necessary)	At the time of filing (must be in the description)	To the extent available to the applicant, relevant information on the characteristics of the biological material
Jordan Industrial Property Protection Directorate, Ministry of Industry, Trade and Supply (Jordan)	At the time of filing, either in the description or separately	None	To the extent available to the applicant, a description of the characteristics and an indication of the usefulness of the microorganism and/or other biological material
Deposits may also be made for the purposes of patent procedure before the Industrial Property Protection Directorate, Ministry of Industry, Trade and Supply (Jordan) with any depositary institution.			

Deposits of Microorganisms and Other Biological Material

Requirements of designated and elected Offices [*Continued*]

Designated (or elected) Office	Time (if any) earlier than 16 months from priority date by which applicant must furnish:		Additional indications (if any) which must be given besides those prescribed in Rule 13bis.3(a)(i) to (iii) pursuant to notifications from the Offices concerned
	the indications prescribed in Rule 13bis.3(a)(i) to (iii)	any additional matter specified in the adjacent right-hand column	
Kazakhstan National Institute of Intellectual Property (NIIP) (Kazakhstan)	None	None	To the extent available to the applicant, relevant information on the characteristics of the microorganism
Deposits may also be made for the purposes of patent procedure before the National Institute of Intellectual Property (NIIP) (Kazakhstan) with any depositary institution.			
Kenya Kenya Industrial Property Institute	None	None	To the extent available to the applicant, relevant information on the characteristics of the microorganism
Latvia Latvian Patent Office	None	At the time of filing (as part of the application)	To the extent available to the applicant, relevant information on the characteristics of the microorganism
Lithuania State Patent Bureau of the Republic of Lithuania	None	At the time of filing (as part of the application)	To the extent available to the applicant, relevant information on the characteristics of the microorganism
Deposits may also be made for the purposes of patent procedure before the State Patent Bureau of the Republic of Lithuania with any depositary institution.			
Luxembourg Intellectual Property Directorate (Luxembourg)	None	None	None
Mexico Mexican Institute of Industrial Property	None	At the time of filing (must be in the description)	To the extent available to the applicant, relevant information on the characteristics of the microorganism

Deposits of Microorganisms and Other Biological Material

Requirements of designated and elected Offices *[Continued]*

Designated (or elected) Office	Time (if any) earlier than 16 months from priority date by which applicant must furnish:		Additional indications (if any) which must be given besides those prescribed in Rule 13bis.3(a)(i) to (iii) pursuant to notifications from the Offices concerned
	the indications prescribed in Rule 13bis.3(a)(i) to (iii)	any additional matter specified in the adjacent right-hand column	
Morocco Moroccan Office of Industrial and Commercial Property (OMPIC)	At the time of filing (must be in the description)	At the time of filing	To the extent available to the applicant, relevant information on the characteristics of the microorganism
Deposits of microorganisms for the purposes of patent procedure before the Moroccan Office of Industrial and Commercial Property (OMPIC) must be made before the filing date of the international application with any depositary institution having acquired the status of international depositary authority under the Budapest Treaty on the Recognition of the Deposit of Microorganisms for the Purposes of Patent Procedure (Art. 34 of Law No. 17-97 on the Protection of Industrial Property as amended by Law Nos. 23-13 and 31-05).			
New Zealand Intellectual Property Office of New Zealand	None	At the time of filing (as part of the specification)	To the extent available to the applicant, relevant information on the characteristics of the microorganism
Nicaragua Registry of Intellectual Property (Nicaragua)	None	None	To the extent available to the applicant, all relevant information on the characteristics of the biological material
North Macedonia State Office of Industrial Property (North Macedonia)	None	At the time of filing (as part of the application)	To the extent available to the applicant, relevant information on the characteristics of the microorganism
Deposits may also be made for the purposes of patent procedure before the State Office of Industrial Property (North Macedonia) with any international depositary institution recognized by the Office (a list is published in the official journal of the Office). The furnishing of samples to a third party may be subject to the condition that that party: (a) has a right to demand that a sample of the viable biological or microbiological material be made available; (b) has undertaken to ensure that the applicant does not authorize access to the sample of the deposited viable biological or microbiological material to any third party before the expiry of the prescribed period of validity of the patent.			

Deposits of Microorganisms and Other Biological Material

Requirements of designated and elected Offices [*Continued*]

Designated (or elected) Office	Time (if any) earlier than 16 months from priority date by which applicant must furnish:		Additional indications (if any) which must be given besides those prescribed in Rule 13bis.3(a)(i) to (iii) pursuant to notifications from the Offices concerned
	the indications prescribed in Rule 13bis.3(a)(i) to (iii)	any additional matter specified in the adjacent right-hand column	
Norway Norwegian Industrial Property Office	Where applicant requests publication earlier than 16 months from the priority date, not later than that request	At the time of filing (as part of the application)	To the extent available to the applicant, all significant information on the characteristics of the microorganism
<p>The applicant may request that, as from the time when the application has been laid open to public inspection by the Norwegian Industrial Property Office until a patent has been granted, the application has been finally decided upon without a patent having been granted, or for 20 years from the date of filing if the application is refused or withdrawn, the furnishing of a sample shall only be effected to an expert in the art. The request to this effect shall be filed by the applicant with the Norwegian Industrial Property Office not later than at the time when the application is made available to the public under Section 33(3) of the Norwegian Patents Act. If such a request has been filed by the applicant, any request made by a third party for the furnishing of a sample shall indicate the expert to be used. That expert may be a person entered on a list of recognized experts drawn up by the Norwegian Industrial Property Office or any person approved by the applicant in the individual case.</p>			
Oman Intellectual Property Department, Ministry of Commerce and Industry (Oman)	None	None	None
Panama Directorate General of the Industrial Property Registry (DIGERPI) (Panama)	None	At the time of filing (as part of the application)	Copy of the certificate of deposit and authorization to view the deposited biological material
Peru National Institute for the Defense of Competition and Intellectual Property Protection (Peru)	At the time of filing, either in the description or separately	At the time of filing, either in the description or separately	To the extent available to the applicant, relevant information on the characteristics of the microorganism
<p>Deposits may be made for the purposes of patent procedure before the National Institute for the Defense of Competition and Intellectual Property Protection (Peru) with any depositary institution having acquired the status of international depositary authority under the Budapest Treaty on the International Recognition of the Deposit of Microorganisms for the Purposes of Patent Procedure (these institutions are indicated further in this Annex and notifications related thereto may be consulted under www.wipo.int/treaties/en/registration/budapest/).</p>			

Deposits of Microorganisms and Other Biological Material

Requirements of designated and elected Offices *[Continued]*

Designated (or elected) Office	Time (if any) earlier than 16 months from priority date by which applicant must furnish:		Additional indications (if any) which must be given besides those prescribed in Rule 13bis.3(a)(i) to (iii) pursuant to notifications from the Offices concerned
	the indications prescribed in Rule 13bis.3(a)(i) to (iii)	any additional matter specified in the adjacent right-hand column	
Philippines Intellectual Property Office of the Philippines	At the time of filing (as part of the application)	At the time of filing (as part of the application)	To the extent available to the applicant, relevant information on the characteristics of the microorganism
Deposits may be made for the purposes of patent procedure before the Intellectual Property Office of the Philippines with any depositary institution having acquired the status of international depositary authority under the Budapest Treaty on the International Recognition of the Deposit of Microorganisms for the Purposes of Patent Procedure.			
Poland Patent Office of the Republic of Poland	None	None	Name and address of the depositor
Deposits may also be made for the purposes of patent procedure before the Patent Office of the Republic of Poland with the national depositary authorities—Institute of Agricultural and Food Biotechnology and Serum and Vaccine Research Laboratory.			
Portugal National Institute of Industrial Property (Portugal)	None	At the time of filing (as part of the application)	To the extent available to the applicant, relevant information on the characteristics of the microorganism
For the purposes of the patent procedure before the National Institute of Industrial Property (Portugal), a deposit is required not later than at the date of filing the international application with any depositary institution having acquired the status of international depositary authority under the Budapest Treaty on the International Recognition of the Deposit of Microorganisms for the Purposes of Patent Procedure.			
Qatar Intellectual Property Department (Qatar)	None	None	None
Republic of Korea Korean Intellectual Property Office	At the time of filing (must be in the description)	None	None
For the purposes of patent procedure before the Korean Intellectual Property Office, a deposit is required not later than at the date of filing the international application. A receipt attesting the deposit and its acceptance issued by the depositary institution with which the microorganism was deposited must be submitted to the Korean Intellectual Property Office within the time limit applicable under PCT Article 22 or 39(1).			
Republic of Moldova State Agency on Intellectual Property (Republic of Moldova)	None	None	To the extent available to the applicant, relevant information on the characteristics of the microorganism
The deposit may be made with a depositary institution designated by the Government or with institutions which have the status of international depositary authority not later than the filing date of the international application.			

Deposits of Microorganisms and Other Biological Material

Requirements of designated and elected Offices [*Continued*]

Designated (or elected) Office	Time (if any) earlier than 16 months from priority date by which applicant must furnish:		Additional indications (if any) which must be given besides those prescribed in Rule 13bis.3(a)(i) to (iii) pursuant to notifications from the Offices concerned
	the indications prescribed in Rule 13bis.3(a)(i) to (iii)	any additional matter specified in the adjacent right-hand column	
Romania State Office for Inventions and Trademarks (Romania)	None	None	To the extent available to the applicant, all significant information on the characteristics of the microorganism
Russian Federation Federal Service for Intellectual Property (Rospatent) (Russian Federation)	None	None	To the extent available to the applicant, relevant information on the characteristics of the microorganism
Deposits may also be made for the purposes of patent procedure before the Federal Service for Intellectual Property (Rospatent) (Russian Federation) with any depositary institution.			
Serbia Intellectual Property Office (Serbia)	None	None	To the extent available to the applicant, a description of the characteristics of the microorganism
Singapore Intellectual Property Office of Singapore	Where applicant requests publication earlier than 16 months from the priority date, not later than that request	None	None
The applicant may request that the furnishing of a sample of a microorganism shall only be made available to an expert. The request to this effect must be filed by the applicant with the International Bureau before the completion of the technical preparations for international publication of the application.			
Slovakia Industrial Property Office of the Slovak Republic	The name and address of the depositary institution and accession number at the time of filing (as part of the application)	At the time of filing (as part of the application)	To the extent available to the applicant, relevant information on the characteristics of the biological material
South Africa Companies and Intellectual Property Commission (CIPC) (South Africa)	None	None	To the extent available to the applicant, relevant information on the characteristics of the microorganism
Deposits may also be made for the purposes of patent procedure before the Companies and Intellectual Property Commission (CIPC) (South Africa) with any depositary institution.			

Deposits of Microorganisms and Other Biological Material

Requirements of designated and elected Offices *[Continued]*

Designated (or elected) Office	Time (if any) earlier than 16 months from priority date by which applicant must furnish:		Additional indications (if any) which must be given besides those prescribed in Rule 13bis.3(a)(i) to (iii) pursuant to notifications from the Offices concerned
	the indications prescribed in Rule 13bis.3(a)(i) to (iii)	any additional matter specified in the adjacent right-hand column	
Spain Spanish Patent and Trademark Office	Where applicant requests publication earlier than 16 months from the priority date, two months from notification of the Office	At the time of filing (as part of the application)	To the extent available to the applicant, relevant information on the characteristics of the biological material
<p>For the purposes of patent procedure before the Spanish Patent and Trademark Office a deposit is required not later than at the date of filing the international application with any legally recognized institution and, in any case, with any depositary institution having acquired the status of international depositary authority under the Budapest Treaty on the International Recognition of the Deposit of Microorganisms (Article 25.2.a) SPL).</p> <p>If the applicant wishes that, until the publication of the mention of the grant of a Spanish patent or for 20 years from the date of filing if the application is refused or withdrawn, the biological material shall be made available as provided in Article 45 SPL only by the issue of a sample to an independent expert, the applicant must, by a written statement, inform the International Bureau accordingly before completion of technical preparations for publication of the international application. Such statement must be separate from the description and claims of the international application and must preferably be made on Form PCT/RO/134, referred to in Section 209 of the Administrative Instructions under the PCT.</p>			
Sweden Swedish Patent and Registration Office	Where applicant requests publication earlier than 16 months from the priority date, not later than that request	At the time of filing (as part of the application)	To the extent available to the applicant, relevant information on the characteristics of the microorganism
<p>The applicant may request that, until the patent has been granted by the Swedish Patent and Registration Office or if the application has been finally decided upon without resulting in the grant of the patent, the furnishing of a sample shall only be effected to an expert in the art. The same is applied to rejected or withdrawn applications within a period of 20 years from the filing date. The request to restrict the furnishing of a sample to an expert in the art shall be filed by the applicant with the Swedish Patent and Registration Office, at the latest, by the day upon which technical preparations for publication of the application are considered to be completed.</p>			
Switzerland Swiss Federal Institute of Intellectual Property	None	None	None
<p>Deposits may also be made for the purposes of patent procedure before the Swiss Federal Institute of Intellectual Property with FIB, IFO and IAM (www.ige.ch). The furnishing of samples to a third party may be subject to the condition that that party indicates to the depositary institution its name and address for the purpose of information of the depositor and undertakes: (a) not to make available the deposited culture or a culture derived from it to a third party; (b) not to use the culture outside the purview of the law; (c) to produce, in case of a dispute, evidence that the obligations under items (a) and (b) have not been violated.</p>			

Deposits of Microorganisms and Other Biological Material

Requirements of designated and elected Offices [*Continued*]

Designated (or elected) Office	Time (if any) earlier than 16 months from priority date by which applicant must furnish:		Additional indications (if any) which must be given besides those prescribed in Rule 13bis.3(a)(i) to (iii) pursuant to notifications from the Offices concerned
	the indications prescribed in Rule 13bis.3(a)(i) to (iii)	any additional matter specified in the adjacent right-hand column	
Tajikistan Tajik Patent Office	None	None	To the extent available to the applicant, relevant information on the characteristics of the microorganism
Deposits may also be made for the purposes of patent procedure before the Tajik Patent Office with any depository institution.			
Turkey Turkish Patent and Trademark Office (Turkpatent)	None	At the time of filing (must be in the description)	To the extent available to the applicant, relevant information on the characteristics of the microorganism
Deposits may also be made for the purposes of patent procedure before the Turkish Patent and Trademark Office (Turkpatent) with any depository institution specialized for that purpose.			
Turkmenistan Patent Department, Ministry of Economy and Finance of Turkmenistan	None	None	To the extent available to the applicant, relevant information on the characteristics of the microorganism
Deposits may also be made for the purposes of patent procedure before the Patent Department, Ministry of Economy and Finance of Turkmenistan, with any depository institution.			
Uganda Uganda Registration Services Bureau (URSB)	At the time of filing (furnishing of the date of deposit of the biological material is not necessary)	None	To the extent available to the applicant, relevant information on the characteristics of the biological material
Where a deposited micro-organism ceases to be available from the institution with which it was deposited because the micro-organism is no longer viable, or for any other reason the depository institution is unable to supply samples, and if the micro-organism has not been transferred to another depository institution from which it continues to be available, an interruption in availability shall not be taken to have occurred if a new deposit of the micro-organism originally deposited is made within three months from the date on which the person who deposited it is notified of the interruption by the depository institution and a copy of the receipt of the deposit issued by the institution is forwarded to the registry within four months from the date of the new deposit stating the number of the application or of the patent. A new deposit shall be accompanied by a statement signed by the person making the deposit indicating that the newly deposited micro-organism is the same as that originally deposited.			

Deposits of Microorganisms and Other Biological Material

Requirements of designated and elected Offices *[Continued]*

Designated (or elected) Office	Time (if any) earlier than 16 months from priority date by which applicant must furnish:		Additional indications (if any) which must be given besides those prescribed in Rule 13bis.3(a)(i) to (iii) pursuant to notifications from the Offices concerned
	the indications prescribed in Rule 13bis.3(a)(i) to (iii)	any additional matter specified in the adjacent right-hand column	
Ukraine Ministry of Economic Development and Trade of Ukraine, Department for Intellectual Property	None	None	To the extent available to the applicant, relevant information on the characteristics of the microorganism
Deposits may also be made for the purposes of patent procedure before the Ministry of Economic Development and Trade of Ukraine, Department for Intellectual Property, with any depositary institution.			
United Kingdom Intellectual Property Office ¹ (United Kingdom)	Where applicant requests publication earlier than 16 months from the priority date, not later than that request	None	None
Deposits may also be made for the purposes of patent procedure before the Intellectual Property Office ¹ (United Kingdom) with “any depositary institution anywhere in the world.” It is the responsibility of the applicant to select the depositary institution with which he wishes to make his deposit and to ensure that samples of the culture deposited will be made available in accordance with Rule 13(1) and Schedule 1 of the UK Patents Rules 2007. The applicant may give notice in writing to the International Bureau before technical preparations for publication of the international application are completed that a sample should be made available only to an expert.			
WARNING: Where the invention involves the use of or concerns biological material which is not available to the public at the date of filing the application and which has been deposited by a person other than the applicant, the applicant must supply, earlier than 16 months from the priority date (or, if earlier, not later than a request for early publication), the name and address of the depositor and must file a statement by the depositor authorising the applicant to refer to the deposited material in the application and giving his unreserved and irrevocable authorisation to the deposited material being made available to the public in accordance with Schedule 1 to the UK Patents Rules 2007.			
United States of America United States Patent and Trademark Office (USPTO)	None	At the time of filing	To the extent feasible, a description of the deposited biological material sufficient to specifically identify it and to permit examination
When the original deposit is made after the effective filing date of an application for a patent, the applicant must promptly submit a statement from a person in a position to corroborate the fact, stating that the biological material which is deposited is a biological material specifically identified in the application as filed (see 37 CFR 1.804(b)). Deposits may also be made for the purposes of patent procedure before the USPTO with any other depositary institution recognized to be suitable by the Office (see 37 CFR 1.803).			

¹ Intellectual Property Office is an operating name of the Patent Office.

L Deposits of Microorganisms and Other Biological Material L

Requirements of designated and elected Offices [*Continued*]

Designated (or elected) Office	Time (if any) earlier than 16 months from priority date by which applicant must furnish:		Additional indications (if any) which must be given besides those prescribed in Rule 13bis.3(a)(i) to (iii) pursuant to notifications from the Offices concerned
	the indications prescribed in Rule 13bis.3(a)(i) to (iii)	any additional matter specified in the adjacent right-hand column	
African Regional Intellectual Property Organization (ARIPO) ARIPO	None	At the time of filing	To the extent available to the applicant, relevant information on the characteristics of the microorganism
Deposits may also be made for the purposes of patent procedure before ARIPO with any depositary institution.			
Eurasian Patent Organization Eurasian Patent Office (EAPO)	None	None	To the extent available to the applicant, relevant information on the characteristics of the microorganism
Deposits may also be made for the purposes of patent procedure before the Eurasian Patent Office with any depositary institution.			

Deposits of Microorganisms and Other Biological Material

Requirements of designated and elected Offices *[Continued]*

Designated (or elected) Office	Time (if any) earlier than 16 months from priority date by which applicant must furnish:		Additional indications (if any) which must be given besides those prescribed in Rule 13bis.3(a)(i) to (iii) pursuant to notifications from the Offices concerned
	the indications prescribed in Rule 13bis.3(a)(i) to (iii)	any additional matter specified in the adjacent right-hand column	
European Patent Organisation European Patent Office (EPO)	None	At the time of filing	To the extent available to the applicant, relevant information on the characteristics of the biological material

Deposits with CNCM can be made under the Budapest Treaty or, as far as the deposits of cell cultures, mycoplasma and rickettsiae are concerned, under a bilateral agreement with the EPO.

If the applicant wishes that, until the publication of the mention of the grant of a European patent or for 20 years from the date of filing if the application is refused or withdrawn or deemed to be withdrawn, the biological material shall be made available as provided in Rule 33(1) EPC only by the issue of a sample to an expert nominated by the requester (Rule 32(1) EPC), the applicant must, by a written statement, inform the International Bureau accordingly before completion of technical preparations for publication of the international application where such publication takes place in one of the EPO official languages (English, French or German). Such statement must be separate from the description and the claims of the international application and must preferably be made on Form PCT/RO/134, referred to in Section 209 of the Administrative Instructions under the PCT and available on the WIPO website at www.wipo.int/pct/en/forms/ro/editable/ed_ro134.pdf.

If the international application was not published in an official language of the EPO (English, French, German), the statement under Rule 32(1) EPC can still be submitted in the European phase until completion of the technical preparations for publication of the translation of the international application under Article 153(4) EPC. The fact that the expert option has been chosen will then be published on the front page of the published translation of the application. Information received under Rule 32(1) EPC after completion of the technical preparations for publication of the international application – or, where applicable, of the translation of the application pursuant to Article 153(4) EPC – cannot be taken into account with the consequence that the biological material will be available to any person as provided for in PCT Rule 13bis.6 and Rule 33(1) EPC without an expert acting as intermediary (see Notice from the European Patent Office dated 7 July 2010 concerning inventions which involve the use of or concern biological material, OJ EPO 10/2010, page 498 *et seq.*).

WARNING: Where the invention involves the use of or concerns biological material which is not available to the public at the date of filing the application and which has been deposited by a person other than the applicant, the reference to such a deposit must include the name and address of the depositor and a statement that the latter has authorized the applicant to refer to the deposited biological material in the application and has given his unreserved and irrevocable consent to the deposited material being made available to the public in accordance with Rule 31(1)(d) of the European Patent Convention (EPC). If any of these indications (the name and address of the depositor, and the statement) is not included in a reference to deposited biological material in the international application as filed, it may still be furnished to the International Bureau within a period of 16 months after the date of filing of the international patent application or, if priority is claimed, after the priority date; this time limit is deemed to have been met if the indication reaches the International Bureau before the technical preparations for international publication have been completed (PCT Rule 13bis.4(a)). Where the applicant makes a request for early publication under PCT Article 21(2)(b), the indications must be furnished to the International Bureau at the latest before the completion of the technical preparations for international publication (PCT Rule 13bis.4(c)). The failure to meet this time limit cannot be remedied upon entry into the European phase neither by re-establishment of rights nor by further processing. As a result, the application may have to be refused under Article 97(2) EPC in the course of examination proceedings for insufficient disclosure (Article 83 EPC).

Deposits of Microorganisms and Other Biological Material

List of depositary institutions

Note: This table does not indicate in relation to depositary institutions the kinds of microorganisms or other biological material which may be deposited with and the fees charged by them. This information may be obtained directly from the institutions. For information concerning depositary institutions which have acquired the status of international depositary authority under the Budapest Treaty on the International Recognition of the Deposit of Microorganisms for the Purposes of Patent Procedure, see the *Guide to the Deposit of Microorganisms under the Budapest Treaty* or consult www.wipo.int/treaties/en/registration/budapest/.

Advanced Biotechnology Center (ABC) ² Interlab Cell Line Collection (Biotechnology Dept) Largo Rossana Benzi, 10 16132 Genova Italy	BCCM TM /GeneCorner ² Plasmid collection Universiteit Gent Vakgroep Biomedische Moleculaire Biologie Technologiepark, 927 9052 Zwijnaarde Belgium
Agricultural Research Service Culture Collection (NRRL) ² 1815 North University Street Peoria, Illinois 61604 United States of America	BCCM TM /LMG ² Bacteria collection Universiteit Gent Laboratorium voor Microbiologie K.L. Ledeganckstraat, 35 9000 Gent Belgium
All-Russian Collection of Industrial Microorganisms (VKPM) ² Research Centre “Kurchatov Institute” State Research Institute “Genetika” 1-st Dorozhniy pr., 1 Moscow 117545 Russian Federation	BCCM TM /MUCL ² Agro-industrial fungi, yeasts and arbuscular mycorrhizal fungi collection Université catholique de Louvain Mycothèque de l'Université catholique de Louvain Croix du Sud, 3 – box L7.05.06 1348 Louvain-La-Neuve Belgium
American Type Culture Collection (ATCC) ² 10801 University Blvd. Manassas, Virginia 20110-2209 United States of America	CABI BIOSCIENCE, UK Centre (IMI) ² Bakeham Lane Englefield Green Egham, Surrey TW20 9TY United Kingdom
Banco Español de Algas (BEA) Marine Biotechnology Center University of Las Palmas, Gran Canaria Muelle de Taliarte s/n 35214 Telde Las Palmas Spain	Centraalbureau voor Schimmelcultures (CBS) ² Uppsalalaan 8 NL-3584 CT Utrecht or P.O. Box 85167 NL-3508 AD Utrecht Netherlands
Belgian Coordinated Collections of Microorganisms (BCCM TM) ²	China Center for Type Culture Collection (CCTCC) ² Wuhan University Wuhan 430072 China
<i>Headquarters:</i> BCCM TM Coordination Cell Federal Public Planning Service Science Policy 231, avenue Louise 1050 Brussels Belgium	China General Microbiological Culture Collection Center (CGMCC) ² Institute of Microbiology, Chinese Academy of Sciences No. 1, West Beichen Road Chaoyang District Beijing 100101 China
<i>Collections:</i> BCCM TM /IHEM ² Biomedical fungi and yeasts collection Scientific Institute of Public Health Service Mycology and Aerobiology Rue J. Wytsmanstraat, 14 1050 Brussels Belgium	Colección Chilena de Recursos Genéticos Microbianos (CChRGM) Avenida Vicente Méndez 515 Chillán, Region VIII Chile

² Depositary institution having acquired the status of international depositary authority under the Budapest Treaty on the International Recognition of the Deposit of Microorganisms for the Purposes of Patent Procedure.

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Deposits of Microorganisms and Other Biological Material

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List of depositary institutions [*Continued*]

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| <p>Colección de Microorganismos del CNRG (CM-CNRG)
Boulevard de la Biodiversidad No. 400
Col. Rancho las Cruces
Tepatlán de Morelos, Jalisco, C.P. 47600
Mexico</p> <p>Colección Española de Cultivos Tipo (CECT)³
Edificio 3 CUE. Parc Científic Universitat de
Valencia
Catedrático Agustín Escardino, 9
46980 Paterna (Valencia)
Spain</p> <p>Collections Coordonnées Marocaines de
Microorganismes (CCMM)
Laboratoire de Microbiologie et Biologie Moléculaire
(LMBM)
Centre National pour la Recherche Scientifique et
Technique (CNRST)
Angle avenue Allal El Fassi, avenue des FAR,
Quartier Hay Ryad
B.P. 8027 Nations Unies
10102 Rabat
Morocco</p> <p>Collection nationale de cultures de micro-organismes
(CNCM)³
Institut Pasteur
28, rue du Dr Roux
75724 Paris Cedex 15
France</p> <p>Collection of Industrial Microorganisms³
Institute of Agricultural and Food Biotechnology
(IAFB)
Ul. Rakowiecka 36
02-532 Warsaw
Poland</p> <p>Collection of Industrial Yeasts (DBVPG)³
Department of Applied Biology
Borgo XX Giugno, 74
06121 Perugia
Italy</p> <p>Culture Collection of Algae and Protozoa (CCAP)³
SAMS Ltd.
Scottish Marine Institute
Oban, Argyll PA37 1QA
Scotland
United Kingdom</p> <p>Culture Collection of Switzerland AG (CCOS)
Einsiedlerstrasse 34
8820 Waedenswil
Switzerland</p> <p>Czech Collection of Microorganisms (CCM)³
Kamenice 5/building A25
625 00 Brno
Czechia</p> | <p>Culture Collection of Yeasts (CCY)³
Institute of Chemistry
Slovak Academy of Sciences
Dúbravská cesta 9
842 38 Bratislava
Slovakia</p> <p>European Collection of Cell Cultures (ECACC)³
Health Protection Agency – Porton Down
Salisbury, Wiltshire SP4 0JG
United Kingdom</p> <p>International Depositary Authority of Canada (IDAC)³
National Microbiology Laboratory
Public Health Agency of Canada
1015 Arlington Street
Winnipeg, MB
Canada R3E 3R2</p> <p>International Patent Organism Depository (IPOD)³
National Institute of Technology and Evaluation (NITE)
#120, 2-5-8 Kazusakamatari
Kisarazu-shi
Chiba 292-0818
Japan</p> <p>Istituto Zooprofilattico Sperimentale della Lombardia
e dell'Emilia Romagna "Bruno Ubertini" (IZSLER)³
IZSLER Biobank of Veterinary Resource
(IZSLER BVR)
Via Bianchi, 9
25124 Brescia
Italy</p> <p>Korean Agricultural Culture Collection (KACC)³
Agricultural Microbiology Division
National Institute of Agricultural Science
Rural Development Administration
166, Nongsaengmyeong-ro, Iseo-myeon
Wanju-gun, Jeollabuk-do 55365
Republic of Korea</p> <p>Korean Cell Line Research Foundation (KCLRF)³
Cancer Research Institute
Seoul National University College of Medicine
103 Daehak-ro, Jongno-gu
Seoul 03080
Republic of Korea</p> <p>Korean Collection for Type Cultures (KCTC)³
181, Ipsin-gil,
Jeongeup-si
Jeollabuk-do, 56212
Republic of Korea</p> <p>Korean Culture Center of Microorganisms (KCCM)³
Yurim B/D
45 Hongjennae-2ga-gil, Seodaemun-gu
Seoul 03641
Republic of Korea</p> |
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³ See footnote 2.

L Deposits of Microorganisms and Other Biological Material L

List of depositary institutions [*Continued*]

Laboratorium voor Microbiologie (NLM) Julianalaan 67a Delft Netherlands	National Institute for Biological Standards and Control (NIBSC) ⁴ Blanche Lane South Mimms Potters Bar Herts., EN6 3QG United Kingdom
Lady Mary Fairfax CellBank Australia (CBA) 214 Hawkesbury Rd Westmead, N.S.W., 2145 Australia	Patent Microorganisms Depository (NPMD) ⁴ National Institute of Technology and Evaluation (NITE) #122, 2-5-8 Kazusakamatari Kisarazu-shi Chiba 292-0818 Japan
Leibniz Institute DSMZ-German Collection of Microorganisms and Cell Cultures ⁴ Inhoffenstr. 7B D-38124 Braunschweig Germany	NCIMB Ltd. ⁴ Ferguson Building Craibstone Estate Bucksburn Aberdeen AB21 9YA United Kingdom
Microbial Culture Collection (MCC) National Centre for Cell Science (NCCS) University of Pune Campus, Ganeshkhind Pune—411007, Maharashtra India	Phabagen Collection (PC) Rijksuniversiteit Utrecht Vakgroep Moleculaire Celbiologie Padualaan 8 3584 CH Utrecht Netherlands
Microbial Strain Collection of Latvia (MSCL) Jelgavas str. 1 Riga, LV-1004 Latvia	Polish Collection of Microorganisms (PCM) ⁴ Institute of Immunology and Experimental Therapy Polish Academy of Sciences Ul. Weigla 12 53-114 Wroclaw Poland
Microbial Type Culture Collection & Gene Bank (MTCC) ⁴ Institute of Microbial Technology (IMTECH) Sector 39 A Chandigarh 160 036 (Union Territory) India	Provasoli-Guillard National Center for Marine Algae and Microbiota (NCMA) 60 Bigelow Drive East Boothbay, Maine 04544 United States of America
National Bank for Industrial Microorganisms and Cell Cultures (NBIMCC) ⁴ 49 St Kliment Ohridski Blvd., Bldg. 3 1756 Sofia Bulgaria	Russian Collection of Microorganisms (VKM) ⁴ G.K. Skryabin Institute of Biochemistry and Physiology of Microorganisms Russian Academy of Sciences Prospekt Nauki No. 5 Pushchino 142290 (Moscow Region) Russian Federation
National Collection of Agricultural and Industrial Microorganisms (NCAIM) ⁴ Faculty of Food Science Szent István University Somlói út 14-16 1118 Budapest Hungary	The National Measurement Institute (NMI) ⁴ 1/153, Bertie Street Port Melbourne, VIC 3207 Australia
National Collection of Type Cultures (NCTC) ⁴ Culture Collections Public Health England Porton Down Salisbury, Wiltshire SP4 0JG United Kingdom	VTT Culture Collection (VTTCC) ⁴ VTT Technical Research Centre of Finland Tietotie 2 FI-Espoo Finland
National Collection of Yeast Cultures (NCYC) ⁴ Quadram Institute Bioscience Norwich Research Park Norwich, NR4 7UQ United Kingdom	

⁴ See footnote 2.