CERTAIN ASPECTS OF NATIONAL/REGIONAL PATENT LAWS*

(6) Exclusions from Patentable Subject Matter

Country/Region	Exclusions from Patentable Subject Matter
Albania	**1. Discoveries, scientific theories and mathematical methods.** **2. Aesthetic creations.** **3. Schemes, rules and methods for performing mental acts, playing games or doing business.** **4. Computer programs.** **5. Presentation of information** **6. Inventions the commercial exploitation of which is contrary to public order, morality or public health and human life, such as:** **(a) processes for cloning human beings;** **(b) processes for modifying the germ line genetic identity of human beings;** **(c) uses of human embryos for industrial or commercial purposes;** **(d) processes for modifying the genetic identity of animals which are likely to cause them suffering without any substantial medical benefit to man or animal, and also animals resulting from such processes.** **7. Nuclear substances for military purposes.** **8. Surgical, diagnostic and therapeutic methods for treating humans and animals.** **9. Plant and animal varieties and essentially biological processes for their production, other than microbiological processes and products.** **10. Human body at the various stages of its formation and development, and the simple discovery of one of its elements, including the sequence or partial sequence of a gene.**
Algeria	**1. Principles, theories, scientific discoveries and mathematical methods.** **2. Plans, principles and methods for intellectual activities and playing games.** **3. Methods and systems of teaching, organization, administration and management.** **4. Surgical, therapeutic and diagnostic methods for treating humans and animals.** **5. Presentation of information.** **6. Computer programs.** **7. Aesthetic creations.** **8. Plant and animal varieties and essentially biological processes for their production.** **9. Inventions contrary to law and order or morality.** **10. Inventions harmful to the health or life of humans or animals, preservation of plants, or protection of the environment.**
Andorra	**1. Discoveries, scientific theories and mathematical methods.** **2. Aesthetic creations.**

* Information is gathered from the primary legislation (for example, a patent law of an intellectual property code). The secondary legislation, such as Regulations under the primary legislation, has not been consulted.

INFORMATIONAL PURPOSES ONLY: The materials and information in this table have been prepared and assembled by the WIPO SCP Secretariat for general informational purposes only. The table does not present full legal provisions of patent legislations of member states or their precise language. Some of the information may not reflect the most current legal developments. Readers must consult relevant member states legislations in addition to this information.

Country/Region	Exclusions from Patentable Subject Matter
	3. Schemes, rules and methods for performing mental acts, playing games or doing business, and programs for computers. **4. Presentation of information.** **5. Inventions contrary to public order or morality.** **6. Surgical, therapeutic and diagnostic methods for treating humans and animals.**
Argentina	**1. Discoveries, scientific theories and mathematical methods.** **2. Literary, artistic or scientific works.** **3. Aesthetic creation.** **4. Schemes, rules or methods for performing intellectual activities, playing games or engaging in economic and business activities.** **5. Computer programs.** **6. Presentation of information.** **7. Surgical, therapeutic and diagnostic methods for treating humans and animals.** **8. Combinations which do not produce a non-obvious result.** **9. Living material and substances already occurring in nature.** **10. Inventions the commercial exploitation of which would be contrary to the public order or morality, including to protect human, animal or plant life or health or to avoid serious damage to the environment.** **11. Biological and genetic material occurring in nature or derived therefrom by reproduction, and genetic reproduction processes replicating nature.** **12. Plants, animals and the essentially biological processes for their reproduction.**
Armenia	**The following shall not be protected as an invention:** **1. scientific discoveries;** **2. scientific theories, mathematical methods, customary provision of information;** **3. means of organization and management of economy;** **4. conventional signs, schemes and rules, including game rules;** **5. means of performing mental actions;** **6. schemes and projects of constructions, buildings and site plans;** **7. solutions concerning the outward appearance of the product having exclusively aesthetic value.** **The following shall not be subject to legal protection:** **1. those inventions, the prohibition of publication or use whereof in the territory of the Republic of Armenia is conditioned by the need to observe the principles of public order or morality (including protection of human, animal or plant life and health) or to avoid causing serious damage to the environment, provided that such exclusion is not conditioned only by the fact that their use is prohibited by law;** **2. processes for cloning human beings;** **3. use of human embryos for industrial or commercial purposes;** **4. processes for modifying the germ line genetic identity of human beings;** **5. processes for modifying the genetic identity of animals which are likely to cause them suffering without any substantial medical benefit to human being or animal, and also animals resulting from such processes;** **6. the human body, at the various stages of its formation and development, and the simple discovery of one of its elements, including the sequence or partial sequence of a gene. This point shall not apply to an element isolated from the human body or otherwise produced by means of a technical process, including the sequence or partial sequence of a**

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	gene, which may constitute a patentable invention, even if the structure of the element concerned is identical to that of a natural element. **The following shall not be considered patentable inventions:** **1. plant and animal varieties, as well as essentially biological processes for the production thereof, except for microbiological processes or the product obtained by means of such a process. Inventions which concern plants or animals shall be patentable if the technical feasibility of the invention is not limited to a particular plant or animal variety. Provisions of this point shall not apply to a microbiological or other processes or patentability of a product obtained by means of such a process;** **2. integrated circuit topographies.**
Australia	**1. Matter that is not a "manner of manufacture" where consideration is made as a matter of substance and not form. This generally includes:** **(a) Discoveries, abstract ideas, scientific theories and principles, mathematical algorithms without material effect** **(b) Aesthetic creations;** **(c) Schemes, rules and plans;** **(d) Genetic information where the information is not made;** **(e) Presentation of information characterized solely by its content without a material advantage;** **(f) Mere working directions for using an existing apparatus or process to produce an identical product;** **(g) Collocations or kits of known integers where is no actual or potential working interrelationship; mere admixtures of food or medicine without synergistic effect;** **(h) New uses of a known substance for a purpose for which the substance's known properties make it suitable; new uses of an old contrivance without ingenuity in analogous manner and purpose to the old use; analogous uses of a known device for its ordinary purpose.** **2. Applications where the only disclosed uses of the patent are illegal.** **3. Matter that lacks utility due to a failure to achieve the promised benefit, or a lack of a specific, substantial and credible use.** **4. Human beings and the biological processes for their generation.** **5. Inventions secretly used in the patent area before the priority date of a claim by, or on behalf of, or with the authority of, the patentee or nominated person or the patentee's or nominated person's predecessor in title to the invention.** **6. A substance that is capable of being used as food or medicine (whether for human beings or animals and whether for internal or external use) and is a mere admixture of known ingredients; or a process producing such a substance by mere admixture.**
Austria	**1. Discoveries, scientific theories, and mathematical methods.** **2. Aesthetic creations.** **3. Schemes, rules and methods for performing mental acts, playing games or doing business.** **4. Computer programs.** **5. Presentation of information.** **6. Inventions contrary to public order or morality.** **7. Surgical, therapeutic and diagnostic methods for treating humans and animals.** **8. Plant and animal varieties and essentially biological processes for their production, other than microorganisms and microbiological processes and products.**
Azerbaijan	**1. Discoveries.** **2. Scientific theories.**

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	3. Mathematical methods. **4. Outcome of the art-constructive performance (design).** **5. Methods of organization and performing intellectual activities and business activities.** **6. Rules and methods for playing games.** **7. Algorithms and programs for computers.** **8. Methods of presenting information.** **9. Symbols, schedules and rules.** **10. Projects and plans for structures and buildings and for land development.** **11. Plant varieties and animal breeds, other than microbiological processes or products obtained through such processes.** **12. Layout design of integrated circuits.** **13. Diagnostic, therapeutic, surgical methods for treating humans or animals.** **14. Inventions contrary to public interests, principles of humanism or morality.**
Bahrain	**1. Inventions the prevention of the commercial exploitation of which is necessary to protect the public order or morality, including to protect human, animal or plant life or health or to avoid serious prejudice to the environment.** **2. Animals.** **3. Diagnostic, therapeutic and surgical methods necessary for the treatment of humans and animals.**
Barbados	**1. Discoveries, scientific theories and mathematical methods.** **2. Schemes, rules or methods for carrying on of business, performing mental acts or playing games.** **3. Surgical, therapeutic and diagnostic methods for treating humans or animals.** **4. Plant and animal varieties and essentially biological processes for production of plants, other than microbiological processes and products.** **5. Inventions contrary to public order or morality.** **6. Inventions the commercial exploitation of which would be detrimental to human or animal health, plant life or the environment.**
Belarus	**1. Discoveries, scientific theories and mathematical methods.** **2. Aesthetic creations.** **3. Schemes, rules and methods for performing mental acts, playing games or doing business.** **4. Computer programs.** **5. Presentation of information.** **6. Plant and animal varieties.** **7. Topographies of integrated circuits.** **8. Inventions contrary to public interest, humanitarian principles or morality.** **9. Methods of providing medical care (medical prevention, diagnosis, treatment, medical rehabilitation and prosthetics).**
Belgium	**1. Discoveries, scientific theories and mathematical methods.** **2. Aesthetic creations.** **3. Schemes, rules and methods for performing mental acts, playing games or doing business.** **4. Computer programs.** **5. Presentation of information.** **6. Plant species and plant and animal varieties.** **7. Essentially biological processes for the production of plants or animals, other than microbiological processes or products.**

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	8. Inventions contrary to public policy or morality. **9. Surgical, therapeutic and diagnostic methods for treating humans or animals.**
Belize	**1. Discoveries, scientific theories and mathematical methods.** **2. Schemes, rules or methods for doing business, performing mental acts or playing games.** **3. Surgical, therapeutic and diagnostic methods for treating humans or animals.** **4. Inventions contrary public order or morality.** **5. Inventions the commercial exploitation of which would be detrimental to human, animal or plant life or health or the environment.**
Bhutan	**1. Discoveries, scientific theories and mathematical methods;** **2. Schemes, rules or methods for doing business, performing purely mental acts or playing games;** **3. Methods for treatment of the human or animal body by surgery or therapy, as well as diagnostic methods practiced on the human or animal body;** **4. Inventions, the commercial exploitation of which would be contrary to public order or morality.**
Bolivia (Plurinational State of)	**1. Discoveries, scientific theories and mathematical methods.** **2. Natural biological materials.** **3. Literary, artistic works and other works protected by copyright.** **4. Plans, rules and methods for pursuit of intellectual activities, playing games, or conduct of economic and business activities.** **5. Computer programs and software.** **6. Presentation of information.** **7. Inventions the commercial exploitation of which must be prevented to protect public order or morality.** **8. Inventions the commercial exploitation of which must be prevented to protect human, animal life or health, preservation of plants or the environment.** **9. Plants, animals and essentially biological processes for the production of plants or animals, other than non-biological and microbiological processes.** **10. Surgical, therapeutic and diagnostic methods for treating humans or animals.** **11. New uses of patented products and processes.**
Bosnia and Herzegovina	**1. Discoveries, scientific theories and mathematical methods.** **2. Aesthetic creations.** **3. Rules, instructions and methods for performing mental acts, playing games or doing business.** **4. Computer programs.** **5. Presentation of information.** **6. Inventions concerning animal breeds and plant varieties and essentially biological processes for the production plants or animals, with the exception of inventions which concern non-biological and microbiological processes and products resulting from such processes, as provided for in paragraph (4) of article 6 of the Patent Law, whereby, within the meaning of this Law, a microbiological process shall imply any process which involves or which is performed upon microbiological material or which results in microbiological material.** **7. The human body, various stages of its formation and development or the simple discovery of one of its elements, including the sequence or partial sequence of a gene. However, an invention which concerns an element isolated from the human body or produced by means of technical process, including the sequence or partial sequence of a gene may be patentable even if the structure thereof is identical to the structure of a natural element. The industrial applicability of the sequence or partial sequence of a gene must be disclosed in the patent application as originally filed.**

Country/Region	Exclusions from Patentable Subject Matter
	8. Inventions concerning diagnostic or surgical methods or methods of treatment which are practiced directly on the human or animal body, with the exception of the products, in particular substances and compositions used in such methods. **9. Inventions shall not be regarded as patentable where their commercial exploitation would be contrary to public order or morality, but not merely because such exploitation is prohibited by law or other regulation, in particular, those inventions regarding:** **(a) processes for cloning human beings;** **(b) processes for modifying the germ line genetic identity of human beings;** **(c) use of human embryos for industrial or commercial purposes and** **(d) processes for modifying the genetic identity of animals which are likely to cause them suffering without any substantial medical benefit to man or animal, as well as animals resulting from such processes.**
Brazil	**1. Discoveries, scientific theories, and mathematical methods.** **2. Abstract conceptions.** **3. Schemes, plans, principles or methods of a commercial, accounting, financial, educational, publishing, lottery or fiscal nature.** **4. Literary, architectural, artistic and scientific works.** **5. Aesthetic creation.** **6. Computer programs.** **7. Presentation of information.** **8. Rules of games.** **9. Surgical, therapeutic and diagnostic methods for treating humans or animals.** **10. Natural living beings, in whole or in part, and biological material, including the genome or germ plasm of any natural living being, when found in nature or isolated therefrom, and natural biological processes.** **11. Inventions contrary to morals, standards of respectability and public security, order and health.** **12. Nuclear processes and products.** **13. Living beings, in whole or in part, other than transgenic microorganisms.**
Bulgaria	**1. Discoveries, scientific theories and concepts.** **2. Mathematical methods and formulae.** **3. Results of artistic work.** **4. Schemes, rules and methods for performing mental acts, playing games or doing business.** **5. Computer programs.** **6. Presentation of information.** **7. Inventions contrary to social order or morality.** **8. Plant or animal varieties or essentially biological processes for producing them, other than microbiological methods and products.** **9. Biotechnological inventions, including biological material, certain plant- and animal-related inventions, and microbiological processes and their products, shall be patentable where they meet the general requirements for patent protection.**
Burundi	**The following shall be excluded from patent protection:** **i. discoveries, scientific theories, and mathematical methods;** **ii. plans, principles, or methods for economic activities, purely intellectual activities, or games;**

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	iii. methods of surgical or therapeutic treatment of the human or animal body, and diagnostic methods; however, this iv. exclusion does not apply to products used in carrying out such methods; **iv. natural substances, even if purified, synthesized, or otherwise isolated, except for processes used to isolate such substances from their natural environment;** **v. known substances for which a new use has been discovered;** **vi. plants and animals, including parts thereof, other than micro-organisms, and essentially biological processes for the** **vii. production of plants, animals, or parts thereof, except non-biological and microbiological processes;** **animal breeds and plant varieties;** **viii. inventions whose exploitation is contrary to public order or morality, provided that an invention shall not be deemed contrary to public order or morality merely because its exploitation is prohibited by law; and** **ix. pharmaceutical products, until 1 January 2016.** **The above exclusions don't apply to:** **1. process inventions consisting wholly or partly of procedures carried out by a computer and controlled by a computer program; and** **2. product inventions consisting of elements of a computer-implemented invention, including machine-readable computer code stored on a physical medium, such as a floppy disk, hard disk, or computer memory, and a general-purpose computer whose novelty derives primarily from its combination with specific software.**
Canada	**Scientific principles and abstract theorems (by law); methods of medical treatment, higher life forms, aesthetic creations (by jurisprudence).**
Chile	**1. Discoveries, scientific theories and mathematical methods.** **2. Plant and animals except microorganisms that comply with general conditions for patentability. Plant varieties. Essentially biological processes for the production of plants and animals except microbiological processes.** **3. Economic, financial, easily verified trade and taxation systems, methods, principles or plans.** **4. Rules for performing mental or intellectual activities or playing games.** **5. Surgical, therapeutic and diagnostic methods for treating humans or animals.** **6. Part of living being as exists in nature, biological process, biological material existing in the nature including genome and germplasma (nevertheless, where biological material or a product directly obtained therefrom meets the patentability requirements, is described adequately and the industrial applicability is described in the application, they are susceptible of patent protection).** **7. Inventions contrary to the law, public policy, state security, morality or proper practice, or whose commercial exploitation would be detrimental to human, animal life or health, plant preservation or the environment provided that the exclusion is not made for the sole reason that a legal or administrative provision prohibiting or regulating that exploitation exists.** **8. New uses of articles, objects or elements and changes of shape, dimensions, proportions or materials in which do not involve an essential alteration or solve a technical problem.**
China	**1. Scientific discoveries.** **2. Rules and methods for mental activities.** **3. Methods for diagnosis and treatment of diseases.** **4. Animals and plant varieties.** **5. Nuclear transformation methods and substances obtained by means of nuclear transformation.**

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	6. Designs of two-dimensional printing goods, made of the pattern, color or the combination of the two, which serve mainly as indicators. **7. Invention-creation that is contrary to the laws or social morality or is detrimental to public interest.** **8. Invention-creation where acquisition or use of the genetic resources, on which the development of the invention-creation relies, is not consistent with the provisions of the laws and administrative regulations.**
Hong Kong China	**1. A discovery, scientific theory or mathematical method.** **2. An aesthetic creation.** **3. A scheme, rule or method for performing a mental act, playing a game or doing business, or a program for a computer.** **4. The presentation of information.** **5. A method for treatment of the human or animal body by surgery or therapy, or a diagnostic method practiced on the human or animal body (but not including a product, and in particular a substance or composition, for use in any such method).** **6. An invention the publication or working of which would be contrary to public order (ordre public) or morality shall not be a patentable invention. However, the working of an invention shall not be deemed to be so contrary merely because it is prohibited by any law in force in Hong Kong, China.** **7. A plant or animal variety or an essentially biological process for the production of plants or animals, other than a microbiological process or the products of such a process.**
Colombia	**1. Discoveries, scientific theories and mathematical methods.** **2. Natural biological materials and processes.** **3. Literary, artistic works and other works protected by copyright.** **4. Plans, rules and methods for pursuit of intellectual activities, playing games, or conduct of economic and business activities.** **5. Computer programs and software.** **6. Presentation of information.** **7. Inventions contrary to public order or morality** **8. Inventions whose commercial exploitation would be detrimental to human, animal life or health, plant preservation or the environment.** **9. Plants, animals and essentially biological processes for the production of plants or animals, other than non-biological and microbiological processes.** **10. Surgical, therapeutic and diagnostic methods for treating humans or animals.** **11. New uses of patented products and processes.**
Costa Rica[1]	**1. Discoveries, scientific theories and mathematical methods, computer programs as such.** **2. Aesthetic creations, literary and artistic works.**

[1] The assumptions indicated in paragraphs 1 to 4 are not considered inventions for the purposes of Costa Rican law. The assumptions indicated in paragraphs 5 to 8 correspond to the exclusions from patentability established in Article 1.4 of Law No.6867 on Patents, Industrial Designs and Utility Models.

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	3. Schemes, rules or economic methods of advertisements or business and those referring to purely mental or intellectual activities or to games. **4. Juxtaposition of known inventions or mixtures of known products, or alteration of the form, use, dimensions or material thereof, except where in reality they are so combined or managed that they cannot function separately, or where their qualities or characteristic functions have been so modified as to produce an industrial result not obvious to a person skilled in the art.** **5. Inventions the commercial exploitation of which shall be forbidden for objective and necessary reasons to protect the ordre public, morality, health or life of persons or animals, or to preserve plants and to avoid severe damage to the environment.** **6. Methods for surgical or therapeutic treatment or for diagnosis, for the treatment of human beings or animals.** **7. Plants and animals, except for microorganisms, provided they are not microorganisms such as they occur in nature.** **8. Essentially biological processes for the production of plants or animals, which are not biological or microbiological procedures.** **9. The new varieties of plants will be protected by a special law.**
Côte d'Ivoire	**1. Discoveries, scientific theories and mathematical methods.** **2. Schemes, rules and methods for doing business, performing mental acts or playing games.** **3. Mere presentation of information.** **4. Computer programs.** **5. Purely ornamental creations.** **6. Literary, architectural and artistic works or every other aesthetic creations.** **7. Inventions whose exploitation is contrary to public policy or morality.** **8. Methods for the treatment of the human or animal body by surgery or therapy, including diagnostic methods.** **9. An invention which has as its object plant varieties, animal species and essentially biological processes for breeding plants or animals, other than microbiological processes and products obtained by these processes.**
Croatia	**1. Discoveries, scientific theories and mathematical methods as such.** **2. Aesthetic creations as such.** **3. Rules, instructions and methods for performing mental acts, playing games or doing business as such.** **4. Presentation of information as such.** **5. Computer programs as such.** **6. Plant varieties and animal breeds.** **7. Essentially biological processes for the production of plants or animals, as well as plants or animals exclusively obtained by these processes, with the exception of inventions which concern microbiological or other technical processes or products resulting from such processes;** **8. Inventions which concern diagnostic or surgical methods or methods of treatment practiced directly on a human or animal body, with the exception of the products, in particular substances or compositions used in such methods;** **9. Inventions where their commercial exploitation would be contrary to public order or morality, whereby it shall not be considered contrary to public order or morality just because such exploitation is forbidden by law or another regulation, in particular):** **a) processes for cloning human beings; b) processes for modifying the germ line genetic identity of human beings;** **c) uses of human embryos for industrial or commercial purposes; d) processes for modifying the genetic identity of**

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	animals which are likely to cause them suffering without any substantial medical benefit to man or animal, and also animals resulting from such processes **10. Inventions which concern human body, at the various stages of its formation and development, and the simple discovery of one of its elements, including the sequence or partial sequence of a gene;** **11. Invention relating to an element isolated from the human body or otherwise produced by means of a technical process, including the sequence or partial sequence of a gene, may constitute a patentable invention, even if the structure of that element is identical with that of a natural element, provided that the industrial applicability of such sequence or a partial sequence of a gene has been disclosed in the patent application at its filing date (priority date).**
Cyprus	**1. Discoveries, scientific theories and mathematical methods.** **2. Aesthetic creations.** **3. Schemes, rules and methods for performing mental acts, playing games or doing business.** **4. Computer programs.** **5. Presentation of information.** **6. Inventions contrary to public order or morality.**
Czech Republic	**1. Discoveries, scientific theories and mathematical methods.** **2. Aesthetic creations.** **3. Schemes, rules and methods for performing mental acts, playing games or doing business.** **4. Computer programs.** **5. Presentation of information.** **6. Surgical, therapeutic and diagnostic methods for treating humans or animals.** **7. Human body at various stage of its formation and development, and the simple discovery of one of its elements, including the sequence or partial sequence of a gene.** **8. Inventions whose commercial exploitation would be contrary to public order or morality, namely to processes for cloning human beings, processes for modifying the germ line genetic identity of human beings, processes of using human embryos for industrial or commercial purposes or processes for modifying the genetic identity of animals, which are likely to cause them suffering without any substantial medical benefit to man or animal, and also to animals resulting from such processes.** **9. Plant and animal varieties and essentially biological processes for their production, other than microbiological processes and products.**
Denmark	**1. Discoveries, scientific theories and mathematical methods.** **2. Artistic creations.** **3. Plans, rules or methods for intellectual activity, for games or for business activity.** **4. Computer programs.** **5. Presentation of information.** **6. Surgical, therapeutic and diagnostic methods for treating humans or animals.** **7. Inventions contrary to public order or morality.** **8. Plant and animal varieties, other than inventions whose technical feasibility of the invention is not confined to a particular plant or animal variety.** **9. Essentially biological processes for the production of plants or animals, other than:** **(a) microbiological processes and products;** **(b) products consisting of or containing biological material;** **(c) processes producing, processing or using biological material;**

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	(d) biological material isolated from its natural environment or produced by a technical process, even if previously occurring in nature. **10. The human body, at any stage of its formation and development or the simple discovery of its elements, including gene sequences, other than elements isolated from the human body or produced by a technical process.** **11. Processes for cloning humans; modifying the germ line genetic identity of humans; uses of human embryos for industrial or commercial purposes; and processes for modifying the genetic identity of animals which are likely to cause them suffering without any substantial medical benefit, and animals resulting from such processes.**
Dominica	**1. Discoveries, scientific theories and mathematical methods.** **2. Schemes, rules or methods for doing business, performing mental acts or playing games.** **3. Surgical, therapeutic and diagnostic methods for treating humans or animals.** **4. Inventions contrary to public order or morality, or prejudicial to the environment or human, animal or plant life and health.**
Dominican Republic	**1. Discoveries, scientific theories and mathematical methods.** **2. Exclusively aesthetic creations.** **3. Schemes, rules or methods for economic or business purposes, and those related to purely mental or industrial activities or games.** **4. Presentations of information.** **5. Computer programs.** **6. Surgical, therapeutic and diagnostic methods for treatment of humans or animals.** **7. Any living thing and substances as existing in nature in the form in which they are found in nature.** **8. Juxtapositions of known inventions or mixtures of known products, or variations of form, dimensions or materials thereof, except where they are so combined or merged that they cannot function separately or where their particular qualities or functions have been modified so as to produce an industrial result not obvious to a person skilled in the art.** **9. Products or processes previously patented whose use is distinctively different to that included in the original patent.** **10. Inventions whose use would be contrary to public order or morality.** **11. Inventions detrimental to human or animal health or life, or which may cause serious damage to the environment.** **12. Plants and animals, other than micro-organisms, and essentially biological processes for the production of plants or animals, other than non-biological or microbiological processes. Plant varieties shall be regulated under a special law in accordance with Article 27.3(b) of the Agreement on Trade-Related Aspects of Intellectual Property Rights.**
Ecuador	**1. Discoveries, scientific theories and mathematical methods.** **2. Biological materials existing in nature; as well as, genetic resources or their products that contain biological diversity and agro-biodiversity.** **3. New forms of substances (salts, esters, ethers, complexes, combinations) and polymorphs, metabolites, pure forms, particle sizes and isomers or their products.** **4. Uses or new uses of known products, processes, machines or appliances.** **5. Literary, artistic works and other works protected by copyright.** **6. Plans, rules and methods for pursuit of intellectual activities, playing games, or conduct of economic and business activities.** **7. Computer programs and applications.** **8. Presentation of information.**

Country/Region	Exclusions from Patentable Subject Matter
	9. Inventions contrary to public order or morality, or whose commercial exploitation would be detrimental to human, animal life or health, plant preservation or the environment, namely: **(a) human cloning procedures;** **(b) the human body and its genetic identity;** **(c) use of embryos for industrial or commercial purposes; and** **(d) procedures for the genetic modification of animals that do not yield any substantial medical benefit for humans or animals;** **9. Surgical, therapeutic and diagnostic methods for treating humans or animals.** **10. Plants, animals and essentially biological processes for the production of plants or animals, other than non-biological and microbiological processes.**
Egypt	**1. Inventions whose exploitation is likely to be contrary to public order or morality, or prejudicial to the environment, human, animal or plant life and health.** **2. Discoveries, scientific theories, mathematical methods, programs and schemes.** **3. Diagnostic, therapeutic and surgical methods for humans and animals.** **4. Plants and animals, regardless of their rarity or peculiarity, and essentially biological processes for the production of plants or animals, other than micro-organisms, non-biological and microbiological processes for the production of plants or animals.** **5. Organs, tissues, live cells, natural biological substances, nucleic acids and genome.**
El Salvador	**1. Discoveries, scientific theories and mathematical methods.** **2. Schemes, rules or methods for doing business, performing mental or intellectual acts or playing games.** **3. Methods for treatment of the human or animal body by surgery, therapy or diagnosis.** **4. Inventions contrary to public policy or morality.**
Estonia	**1. Discoveries (including the description of the formation or development of the human body or a human gene sequence or part thereof), scientific theories and mathematical methods.** **2. Schemes, rules, instructions and methods for performing economic and mental acts.** **3. Projects and schemes of structures, buildings and land development** **4. Conventional signs** **5. Algorithms and computer programs** **6. Design solutions.** **7. Presentation of information** **8. Plant and animal varieties** **9. Inventions contrary to public order or morality** **10. Methods for treatment of the human or animal body and diagnostic methods practiced on the human or animal body** **11. Integrated circuit layout designs** **12. Biological processes for cloning humans; modifying the genetic identity of humans; using human embryos for commercial purposes; modifying the genetic identity of animals which are likely to cause them suffering without any substantial medical benefit, and animals resulting from such processes.** **13. Processes for producing biological materials or plant or animal varieties, other than microbiological processes for deriving microorganisms.** **14. Biotechnological inventions which can be used solely for one particular plant or animal variety.**
Ethiopia	**The following shall not be patentable:** **a) Inventions contrary to public order on morality**

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	b) Plant or animal varieties or essentially biological processes for the production of plants or animals. **c) Schemes, rules or methods for playing games or performing commercial and industrial activities and computer programs.** **d) Discoveries, scientific theories and mathematical methods.** **e) Methods for treatment of the human or animal body by surgery or therapy, as well as diagnostic methods practiced on the human or animal body.** **f) Works protected by Copyright.** **But, the provision of (e) mentioned above shall not apply to products for use in any of the methods for treatment of the human or animal body by surgery or therapy, as well as diagnostic methods practiced on the human or animal body.**
Finland	**1. Discoveries, scientific theories and mathematical methods.** **2. Aesthetic creations:** **3. Schemes, rules and methods for performing mental acts, playing games or doing business.** **4. Computer programs.** **5. Presentation of information.** **6. Surgical, therapeutic and diagnostic methods for treating humans or animals.** **7. Inventions contrary to public order or morality.** **8. Plant and animal varieties, other than inventions whose technical feasibility of the invention is not confined to a particular plant or animal variety.** **9. Essentially biological processes for the production of plants or animals, other than.** **(a) microbiological processes and products;** **(b) products consisting of or containing biological material;** **(c) processes producing, processing or using biological material;** **(d) biological material isolated from its natural environment or produced by a technical process even if previously occurring in nature.** **10. The human body, at any stage of its formation and development or the simple discovery of its elements, including gene sequences, other than elements isolated from the human body or produced by a technical process.** **11. Processes for cloning humans; modifying the germ line genetic identity of humans; uses of human embryos for industrial or commercial purposes; and processes for modifying the genetic identity of animals which are likely to cause them suffering without any substantial medical benefit, and animals resulting from such processes.**
France	**1. Discoveries, scientific theories and mathematical methods.** **2. Aesthetic creations.** **3. Schemes, rules and methods for performing mental acts, playing games or doing business.** **4. Computer programs.** **5. Presentation of information.** **6. Surgical, therapeutic and diagnostic methods for treating humans or animals.** **7. Inventions contrary to the dignity of the human person, public policy or morality.** **8. The human body, at the different stages of its formation and development, as well as the mere discovery of one of its elements.** **9. Processes for cloning human beings, processes for modifying the genetic identity of the human being, the use of human embryos for industrial or commercial purposes and complete or partial gene sequences.** **10. Animal breeds and plant varieties.**

Country/Region	Exclusions from Patentable Subject Matter
	11. Essentially biological processes for producing plants and animals which require natural phenomena such as cross-breeding or selection. **12. Processes for modifying the genetic identity of animals which are likely to cause them suffering without any substantial medical benefit to humans or animals, and also animals resulting from such processes.** **13. Surgical or therapeutic methods for treatment of the human or animal body and diagnostic methods practiced on the human or animal body. This provision does not apply to products, in particular substances or ingredients that are used in one of these methods.**
Georgia	**1. The following shall not be regarded as an invention:** **(a) Discoveries, scientific theories and mathematical methods;** **(b) Artistic creations;** **(c) Computer programs and algorithms;** **(d) Educational or teaching methods and systems, grammatical language systems, methods for performing mental acts, rules for games or drawing;** **(e) Methods of business and organizational management;** **(f) Plans and schemes of structures, buildings, territories;** **(g) Presentation of information;** **Abovementioned objects shall not be considered patentable only where these are an immediate object of application;** **2. A patent is not granted for:** **(a) Inventions against public order;** **(b) Inventions related to surgical, therapeutic and diagnostic methods of treatment of humans and animals. This rule does not apply to devices and substances used in such methods;** **(c) Inventions related to plant varieties and breeds of animals, as well as primarily biological methods for plant and animal breed selection. This rule does not apply to micro-biological methods and products obtained through such methods.**
Germany	**1. Discoveries, scientific theories and mathematical methods as such.** **2. Aesthetic creations as such.** **3. Schemes, rules and methods for performing mental acts, playing games or doing business as such.** **4. Programs for computers as such.** **5. Presentations of information as such.** **6. Inventions the commercial exploitation of which would be contrary to "ordre public" or morality; such exploitation shall not be deemed to be so contrary merely because it is prohibited by law or regulation.** **7. The human body, at the various stages of its formation and development, including germ cells, and the simple discovery of one of its elements, including the sequence or partial sequence of gene.** **8. Processes for cloning human beings and for modifying the germ line genetic identity of human beings.** **9. Uses of human embryos for industrial or commercial purposes.** **10. Processes for modifying the genetic identity of animals which are likely to cause them suffering without any substantial medical benefit to man or animal, and also animals resulting from such processes.** **11. Plant and animal varieties as well as essentially biological processes for production of plants or animals and plants and animals exclusively produced by such processes.** **12. Methods for the treatment of the human or animal body by surgery or therapy and diagnostic methods practiced on the human or animal body. This shall not apply to products, in particular to substances or compositions, for use in one of these methods.**

Country/Region	Exclusions from Patentable Subject Matter
Ghana	**1. Discoveries, scientific and mathematical theories.** **2. Plant and animal varieties and essentially biological processes for their production, other than microbiological processes and products.** **3. Schemes, rules or methods for doing business, performing mental acts or playing games.** **4. Surgical, therapeutic and diagnostic methods for treating humans or animals.** **5. Presentation of information.** **6. Computer programs.** **7. Inventions contrary to public order or morality.** **8. Products and processes excluded by law for national security, economy, health or any other national concern.**
Greece	**1. Discoveries, scientific theories, and mathematical methods.** **2. Aesthetic creations.** **3. Schemes, rules, and methods for performing mental acts, playing games or doing business.** **4. Computer programs.** **5. Presentation of information.** **6. Surgical, therapeutic and diagnostic methods for treating humans or animals.** **7. Inventions contrary to public order or morality.** **8. Plant and animal varieties and biological processes for their production, other than microbiological processes and products.**
Guatemala	**1. Mere discoveries.** **2. Materials and energies as found in the nature.** **3. Biological processes as they occur in the nature without human intervention, except for microbiological process.** **4. Scientific theories and mathematical methods.** **5. Pure aesthetic creations, literary and artistic works.** **6. Plans, principles, rules or economic methods of advertising or doing business and those referring to purely mental or intellectual activities or to games.** **7. Computer programs as such.** **8. Diagnostic, therapeutic and surgical methods for the treatment of humans or animals.** **9. Inventions the exploitation of which is contrary to ordre public and morality. Exploitation shall not be considered contrary to public order or morality solely on the grounds of being prohibited, limited and regulated by legal or administrative provisions.** **10. Inventions the commercial exploitation of which is necessary to be prevented in order to preserve health or life of persons, animals, plants or the environment.**
Honduras	**1. Theoretical or scientific principles.** **2. Discoveries that consist in making known or revealing something that already existed in nature.** **3. Biological material that already existed in nature.** **4. Diagrams, plans, rules and methods for carrying out mental processes, playing games or doing business.** **5. Computer programs considered in isolation.** **6. Forms of presentation of information.** **7. Aesthetic creations and artistic or literary works.** **8. Methods of surgical, therapeutic or diagnostic treatment applicable to the human body and to animals.**

Country/Region	Exclusions from Patentable Subject Matter
	9. The juxtaposition of known inventions or mixtures of known products, or alteration of the form, dimensions or materials thereof, except where in reality they are so combined or merged that they cannot function separately or where their particular qualities or functions have been modified so as to produce an industrial result not obvious to a person skilled in the art. **10. Biological processes for obtaining or reproducing plants and animals, including generic processes.** **11. Available plant varieties and plant species, animal species and breeds.**
Hungary	**1. Discoveries, scientific theories and mathematical methods.** **2. Aesthetic creations.** **3. Schemes, rules and methods for performing mental acts, playing games or doing business.** **4. Programs for computers as such.** **5. Presentations of information.** **6. The human body, at the various stages of its formation and development, and the simple discovery of one of its elements, including the sequence or partial sequence of a gene.** **7. Inventions the commercial exploitation of which would be contrary to public policy or morality, in particular** **(a) processes for cloning human beings;** **(b) processes for modifying the germ line genetic identity of human beings;** **(c) uses of human embryos for industrial or commercial purposes;** **(d) processes for modifying the genetic identity of animals which are likely to cause them suffering without any substantial medical benefit to man or animal; and** **(e) animals resulting from processes referred to in (d).** **8. Plant varieties and animal breeds as well as essentially biological processes for the production of plants or animals.** **9. Surgical, therapeutic and diagnostic methods for treating humans or animals.**
Iceland	**1. Discoveries, scientific theories and mathematical methods.** **2. Aesthetic creations.** **3. Schemes, rules and methods for performing mental acts, playing games or doing business.** **4. Computer programs. 5. The presentation of information** **6. Surgical, therapeutic and diagnostic methods for treating humans or animals.** **7. Inventions contrary to morality or public order.** **8. Plant and animal varieties and essentially biological processes for their production, other than microbiological processes and products.**
India	**1. Inventions which are frivolous or obviously contrary to well established natural law.** **2. Inventions use or commercial exploitation of which is contrary to law or morality or causes serious prejudice to human, animal, or plant life or health or to the environment.** **3. Discoveries of a scientific principle or formulation of an abstract theory or discovery of any living thing or non-living substance occurring in nature.** **4. The mere discovery of a new form of a known substance which does not result in the enhancement of the known efficacy of that substance, or the mere discovery of any new property or new use for a known substance or of the mere use of a known process, machine or apparatus unless such known process results in a new product or employs at least one new reactant. [Explanation: For the purposes of this clause, salts, esters, ethers, polymorphs, metabolities, pure form, particle size, isomers, mixtures of isomers, complexes, combinations and other derivatives of known substance shall be considered to be the same substance, unless they differ significantly in properties with regard to efficacy.]**

Country/Region	Exclusions from Patentable Subject Matter
	5. Substance obtained by a mere admixture resulting only in the aggregation of the properties of the components thereof or a process for producing such substance. **6. Mere arrangement or re-arrangement or duplication of known devices each functioning independently in a known way** **7. Agricultural and horticultural methods.** **8. Any processes for medicinal, surgical, curative, prophylactic, diagnostic, therapeutic or other treatments of humans or any process for a similar treatments of animals to render them free of disease or increase their economic value or that of their products.** **9. Plants and animals in whole or any part thereof other than microorganisms, but including seeds, varieties and species and essentially biological processes for production or propagation of plants and animals.** **10. Mathematical or business method or a computer program per se or algorithms.** **11. Literary, dramatic, musical or artistic work or any other aesthetic creation whatever.** **12. Mere scheme or rule or method of performing mental act or method of playing game.** **13. Presentation of information.** **14. Topography of integrated circuits.** **15. An invention which, in effect, is traditional knowledge or which is an aggregation or duplication of known properties of traditionally known component(s).** **16. Inventions relating to atomic energy which is falling within sub-section (1) of section 20 of the Atomic Energy Act 1962.**
Indonesia	**1. Inventions contrary to rules, regulations, religious morality, public order or ethics.** **2. Methods of examination, treatment, medication, and/or surgery applied to humans and animals.** **3. Scientific and mathematical theories and methods.** **4. Living creatures, other than microorganisms.** **5. Biological processes or producing plant or animal, other than microbiological process.**
Ireland	**1. Discoveries, scientific theories and mathematical methods.** **2. Aesthetic creations.** **3. Schemes, rules and methods for performing mental acts, playing a game or doing business.** **4. Computer programs.** **5. Presentation of information.** **6. Surgical, therapeutic and diagnostic methods for treating humans or animals.** **7. Inventions contrary to public order or morality.** **8. Plant and animal varieties and essentially biological processes for their production, other than microbiological processes and products.**
Israel	**1. Therapeutic treatment on the human body.** **2. Plants and animal varieties, other than microbiological organisms not derived from nature.**
Italy	**1. Discoveries, scientific theories and mathematical methods as such.** **2. Schemes, rules and methods for performing mental acts, playing games or doing business and programs for computers as such.** **3. Presentation of information as such.** **4. Methods for treatment of the human or animal body by surgery or therapy and diagnostic methods practiced on the human or animal body. Products, in particular substances or compositions, for use in any of these methods are not excluded.**

Country/Region	Exclusions from Patentable Subject Matter
	5. Plant or animal varieties and essentially biological processes for the production of plants or animals, other than microbiological processes and products. **6. Inventions contrary to public order or morality.** **7. The human body, at the various stages of its formation and development, and the simple discovery of one of its elements, including the sequence or partial sequence of a gene, in order to ensure that patent law is exercised in compliance with fundamental rights on dignity and integrity man and the environment.** **8. Inventions, the commercial exploitation of which would be contrary to public order or morality, in particular in respect of biotechnological inventions which concern the following:** **(a) any process for cloning human beings;** **(b) processes for modifying the germ line genetic identity of human beings;** **(c) any use of human embryos, including human embryonic stem cell lines and any technical process using human embryonic cells;** **(d) processes for modifying the genetic identity of animals which are likely to cause them suffering from such processes;** **e) inventions concerning genetic screening protocols, the exploitation of which leads to discrimination or stigmatization of human subjects on genetic, pathological, racial, ethnic, social and economic grounds, or having eugenic and non-diagnostic purposes.**
Japan	**1. Inventions contrary to public order, morality or public health.** **2. Those not considered as an invention or to be industrially applicable (by judicial precedents and Examination Guidelines):** **a. The laws of nature as such.** **b. Mere discoveries and not creations.** **c. Those contrary to the laws of nature.** **d. Those in which the laws of nature are not utilized (e.g., economic laws, arbitrary arrangements, mathematical formula, mental activities of humans).** **e. Those not regarded as technical ideas (e.g., personal skill, mere presentation of information, mere aesthetic creations).** **f. Methods of surgery, therapy or diagnosis of humans.** **g. Commercially inapplicable inventions.**
Jordan	**1. Inventions whose exploitation is detrimental to public order or public morality.** **2. Inventions whose non-exploitation is necessary to protect the life and health of humans, animals and plants or to avoid severe damage to the environment.** **3. Discoveries, scientific theories and mathematical methods.** **4. Diagnostic, therapeutic and surgical methods necessary for the treatment of humans or animals.** **5. Plants and animals other than microorganisms.** **6. Biological methods for reproducing plants and animals, other than non-biological and microbiological methods.**
Kazakhstan	**The following shall not be recognized as patentable inventions:** **1. Discoveries, scientific theories and mathematical methods.** **2. Methods of organization and management of economy.** **3. Symbols, schedules, rules.** **4. Rules and methods of performing the mental activities, conducting the games.** **5. Computer software and algorithms.** **6. Projects and plans for structures, buildings, territories.**

Country/Region	Exclusions from Patentable Subject Matter
	7. Proposals concerning solely the outward appearance of manufactured articles. **8. Proposals that are contrary to public interest, humanitarian principles or morality.**
Kenya	**1. Discoveries, scientific theories and mathematical methods.** **2. Schemes, rules or methods for doing business, performing mental acts or playing games.** **3. Diagnostic, therapeutic and surgical methods for treatment of humans or animals.** **4. Presentation of information.** **5. Designated methods for the prevention or treatment of serious health hazards and life threatening diseases.** **6. Plant varieties, other than parts thereof and products of biotechnological processes.** **7. Inventions contrary to public order, morality, public health and safety, principles of humanity and environmental conservation.**
Kyrgyz Republic	**1) Discoveries;** **2) Scientific theories and mathematical methods;** **3) Methods for doing business;** **4) Symbols, business schedules, rules;** **5) Rules or methods for performing intellectual activities, methods of games;** **6) Computer programs as such;** **7) Ideas on presentation of information;** **8) Layout designs of buildings and engineering structures, territorial layout;** **9) Proposals concerning solely the outward appearance of manufactured articles and intended to satisfy aesthetic requirements;** **10) Layout-designs (topographies) of integrated circuits;** **11) Varieties of plants, breeds of animals;** **12) Decisions which are contrary to the public interest, humanity and human morality and which are damaging the environment.**
Latvia	**1. Therapeutic and surgical methods for treatment of humans or animals.** **2. Discoveries, scientific theories, and mathematical methods.** **3. Designs.** **4. Schemes, methods for performing mental acts, rules and methods for playing games and conducting business,** **5. Computer programs.** **6. Presentation of information.** **7. Inventions contrary to public order or the morality.** **8. Plant and animal varieties and essentially biological processes for their production, other than microbiological processes and products.**
Liechtenstein	**1. Plant and animal varieties and essentially biological processes for their production, other than microbiological processes and products.** **2. Inventions contrary to public order or morality.** **3. Diagnostic, therapeutic and surgical methods for treatment of humans or animals.** **(in accordance with the agreements with Switzerland and the European Economic Area (EEA)).**
Lithuania	**1. Discoveries, scientific theories and mathematical methods.** **2. Designs of products.** **3. Schemes, rules and methods of games, intellectual and economic activities, computer programs.**

Country/Region	Exclusions from Patentable Subject Matter
	4. Presentation of information. **5. Person's body or its element in existing in its natural environment, including its gene sequence in any given period of time over the period when it forms and develops.** **6. Methods of treatment of people and animals, diagnostics and prevention of diseases.** **7. Plant and animal varieties and biological processes for their production, other than microbiological processes.** **8. Inventions contrary to public interest, humanitarian principles or morality.**
Luxembourg	**1. Discoveries, scientific theories and mathematical methods.** **2. Aesthetic creations.** **3. Schemes, rules and methods for performing mental acts, playing games or doing business.** **4. Computer programs.** **5. Presentation of information.** **6. Diagnostic, therapeutic and surgical methods for treatment of humans or animals.** **7. Inventions contrary to public order or morality.** **8. Plant and animal varieties and essentially biological processes for their production, other than microbiological processes and products.**
Madagascar	**1. Inventions contrary to public order or morality.** **2. Plant or animal varieties or essentially biological processes for production of plants and animals.** **3. Computer programs.** **4. Methods, systems, plans, discoveries and scientific theories, as well as pure abstractions that do not solve a concrete problem or do not provide an effective technical solution.**
Malaysia	**1. Discoveries, scientific theories and mathematical methods.** **2. Plant or animal varieties and essentially biological processes for their production, other than man-made living microorganisms and microbiological processes and products.** **3. Schemes, rules and methods for doing business, performing mental acts or playing games.** **4. Diagnostic, therapeutic and surgical methods for treatment of humans or animals.** **5. Inventions contrary to public order or morality.**
Malta	**1. Discoveries, scientific theories and mathematical methods.** **2. Aesthetic creations.** **3. Schemes, rules and methods for performing mental acts, playing games or doing business.** **4. Computer programs.** **5. Presentation of information.** **6. Diagnostic, therapeutic and surgical methods for treatment of humans or animals.** **7. Inventions contrary to public order or morality.** **8. Animal varieties and essentially biological processes for production of plants and animals, other than microbiological processes and products.**
Mauritius	**1. Discoveries, scientific theories and mathematical methods.** **2. Schemes, rules or methods for doing business, performing mental acts or playing games.** **3. Diagnostic, therapeutic and surgical methods for treatment of humans or animals.** **4. Plants and animals and essentially biological processes for their production.** **5. Literary, dramatic, musical or artistic works.** **6. Aesthetic creations.**

Country/Region	Exclusions from Patentable Subject Matter
	7. Inventions contrary to public order or morality.
Mexico	**The following shall not be considered inventions:** **1. Discoveries, scientific theories or its principles.** **2. Mathematical methods.** **3. Literary or artistic works or any other esthetic creations.** **4. Schemes, plans, rules and methods for carrying out intellectual activities, games or economic and commercial activities, or for doing business.** **5. Computer programs.** **6. Forms of presenting information.** **7. Biological and genetic material, as found in nature.** **8. Juxtaposition of known inventions or mixtures of known products, except in the case of their combination or merger so that they cannot function separately, or where their characteristic qualities or functions have been so modified to obtain an industrial result or use that is not obvious to a person skilled in the art.** **The following shall not be patentable:** **1. Inventions, the commercial exploitation of which is contrary to public order or contravenes any law, including those of which the exploitation must be prevented in order to protect human, animal or plant life or health, or to avoid serious environmental harm, in particular: (a) processes for cloning human beings, and their products; (b) processes for modifying the germ line genetic identity of human beings, and their products, when they potentially involve the development of a human being; (c) uses of human embryos for industrial or commercial purposes; and (d) processes for modifying the genetic identity of animals which are likely to cause them suffering without any substantial medical or veterinary benefit to man or animal, and also animals resulting from such processes.** **2. Any variety of plant or breed of animal, except microorganisms.** **3. Essentially biological processes for the production of animals or plants, and the resulting products, without prejudice to the patentability of inventions involving a microbiological or any other technical process or the product of such a process.** **4. Methods of treatment of the human or animal body by surgery or therapy, or methods of diagnosis practiced on the human or animal body.** **5. The human body, at any stage of its formation and development, or the simple discovery of one of its elements, including total or partial gene sequences. Biological material isolated from its natural environment or produced by a technical process may be patentable, even if previously occurring in nature. The industrial application of total or partial sequences of a nucleic acid or protein shall be expressly disclosed in the patent application.**
Republic of Moldova	**1. Inventions, the publication or exploitation of which would be contrary to *ordre public* or morality, including those harmful for human, animal or plant life or health, and which are likely to cause serious prejudice to the environment, provided that such exclusion is not made merely because the exploitation is prohibited by a clause.** **2. Plant or animal varieties.** **3. Essentially biological processes for the production of plants or animals other than microbiological processes or the products thereof.** **4. Inventions concerning the human body, at the various stages of its formation and development, and the simple discovery of one of its elements, including the sequence or partial sequence of a gene.** **5. Processes for cloning human beings;** **6. Processes for modifying the germ line genetic identity of human beings;**

Country/Region	Exclusions from Patentable Subject Matter
	7. Use of human embryos for industrial or commercial purposes; **8. Processes for modifying the genetic identity of animals which are likely to cause them suffering without any substantial medical benefit to man or animal, and also animals resulting from such processes.** **9. Discoveries, scientific theories, ideas and mathematical methods;** **10. Aesthetic creations;** **11. Schemes, rules and methods for performing mental acts, playing games or doing business, and programs for computers;** **12. Presentations of information.**
Mongolia	**1. Discoveries, scientific theories and mathematical methods.** **2. Computer programs and algorithms.** **3. Schemes, rules and methods for doing business, performing mental acts or playing games.** **4. Inventions contrary to public health or environmental protection.** **5. Methods of treatment, diagnosis and prophylaxis of human and animal diseases.** **6. Plant and animal varieties produced biologically, other than microbiological methods and products.**
Morocco	**1. Discoveries, scientific theories and mathematical methods.** **2. Aesthetic creations.** **3. Schemes, rules and methods for performing mental acts, playing games or doing business.** **4. Computer programs.** **5. Presentation of information.** **6. Therapeutic and surgical methods for treatment of humans or animals and diagnostic methods practiced on human and animal bodies. This provision does not apply to products, in particular to substances or compositions, for executing one of these methods.** **7. Inventions contrary to public order or morality.** **8. Plant varieties.**
Mozambique	**1. Discoveries, scientific theories and mathematical methods.** **2. Systems, plans, rules and methods for the performance of intellectual activities, playing games or economic activities.** **3. Computer programs.** **4. Aesthetic creations.** **5. Artistic and literary works.** **6. Presentation of information.** **7. Diagnostic, therapeutic and surgical methods for treatment of humans or animals.** **8. Atomic substances and processes.** **9. Inventions contrary to morality, good behavior, public safety, public order or public health.** **10. Living beings and parts thereof, other than microbiological processes and products.**
Netherlands	**1. Discoveries, scientific theories and mathematical methods.** **2. Aesthetic creations.** **3. Schemes, rules and methods for performing mental acts, playing games or doing business.** **4. Computer programs.** **5. Presentation of information.** **6. Inventions contrary to public order or morality.** **7. Plant and animal varieties produced by biological processes for their production, other than permitted microbiological methods and products.**

Country/Region	Exclusions from Patentable Subject Matter
	8. Diagnostic, therapeutic and surgical methods for treatment of humans or animals.
New Zealand	**1. Inventions which are not a manner of manufacture within the meaning of section 6 of the Statute of Monopolies (see section 5 and section 14 of the Patents Act 2013) as determined by relevant case law.** **2. Computer programs as such.** **3. Inventions which do not have a specific, credible and substantial utility.** **4. Inventions whose commercial exploitation would be contrary to morality or public order.** **5. Human beings, and biological processes for their generation.** **6. Methods of treatment of human beings by surgery or therapy.** **7. Methods of diagnosis practiced on human beings.** **8. Plant varieties.**
Nicaragua	**1. Discoveries, scientific theories and mathematical methods.** **2. Substances and matter found in nature.** **3. Biological processes for the production of plants and animals not involving human intervention, other than microbiological processes.** **4. Aesthetic creations** **5. Literary and artistic works.** **6. Economic, advertising and business plans,** **7. Principles, rules and methods for mental and intellectual acts and playing games.** **8. Computer programs.** **9. Animals.** **10. Therapeutic, surgical and diagnostic methods for treating humans or animals.** **11. Inventions contrary to public policy or morality.** **12. Inventions for the protection of human, animal or plant health or life or the preservation of the environment.**
Nigeria	**1. Plant and animal varieties and essentially biological processes for their production, other than microbiological methods and products.** **2. Inventions contrary to public order or morality.** **3. Scientific principles and discoveries.**

Country/Region	Exclusions from Patentable Subject Matter
Norway	**Something which merely consist of the following (1-5) is not considered as an invention:** **1. Discoveries, scientific theories and mathematical methods.** **2. Aesthetic creations.** **3. Schemes, rules and methods for performing mental acts, playing games or doing business.** **4. Computer programs.** **5. Presentation of information.** **Patents are not granted for:** **1. Therapeutic, surgical and diagnostic methods, practiced on humans or animals.** **2. The human body, at any stage of its formation and development of the simple discovery of its elements, including gene sequences, other than elements isolated from the human body or produced by a technical process.** **3. Inventions whose commercial exploitation would be contrary to morality or public order. Patents cannot on this basis be granted for *inter alia*: Processes for cloning humans; modifying the germ line genetic identity of humans; uses of human embryos for industrial or commercial purposes; and process for modifying the genetic identity of animals which are likely to cause them suffering without any substantial medical benefit, and animals resulting from such processes.** **4. Plant and animal varieties and essentially biological processes for production of plants and animals.**
Republic of North Macedonia	**1. Discoveries, scientific theories and mathematical methods.** **2. Aesthetic creations.** **3. Plans, rules and procedures for performing intellectual activities, playing games and doing business.** **4. Computer programs.** **5. Presentation of information.** **6. Plant and animal varieties and essentially biological processes for their production, other than microbiological methods and products.** **7. Therapeutic, surgical and diagnostic methods for treating humans or animals.** **8. Inventions contrary to public order or morality.**
Oman	**1. Discoveries, scientific theories and mathematical methods.** **2. Schemes, rules or methods for doing business, performing purely mental acts or playing games.** **3. Natural substances; this provision shall not apply to the processes of isolating those natural substances from their original environment.** **4. Known substances for which a new use has been discovered; this provision shall not apply to the use itself, where it constitutes an invention as defined in the law.** **5. Animals other than microorganisms, and essentially biological processes for the production of animals and their parts, other than non-biological and microbiological processes.** **6. Inventions contrary to order public and morality.** **Exclusions shall not apply to the following inventions:** **a. process inventions which, in whole or in part, consist of steps that are performed by a computer and are directed by a computer program** **b. process inventions consisting of elements of a computer-implemented invention, including in particular** **(i) machine-readable computer program code stored on a tangible medium such as a floppy disk, computer hard drive or computer memory; and (ii) a general purpose computer whose novelty over the prior art arises primarily due to its combination with a specific computer program.**
Pakistan	**1. Discoveries, scientific theories and mathematical methods.**

Country/Region	Exclusions from Patentable Subject Matter
	2. Literary, dramatic, musical or artistic works. **3. Schemes, rules and methods for doing business, performing mental acts and playing games.** **4. Presentation of information.** **5. Substances that exist in nature or if isolated therefrom.** **6. Inventions the commercial exploitation of which is contrary to public order, morality, including protecting human, animal or plant life or health or to avoid serious prejudice to the environment, provided that such exclusion is not made merely because the exploitation is prohibited by any law in force.** **7. Plants and animals other than micro-organisms, and essentially biological processes for the Production of Plants or animals other than non-biological and microbiological processes** **8. Diagnostic, therapeutic and surgical methods for the treatment of humans or animals** **9. A new or subsequent use of a known product or process** **10. A mere change in physical appearance of a chemical product where the chemical formula or process of manufacture remains the same provided that this clause shall not apply to an invention fulfilling the criteria of patentability.**
Panama	**1. Theoretical and scientific principles.** **2. Discoveries consisting in disclosing or revealing something that already existed in nature, even if previously unknown.** **3. Plans, schemes, principles and methods for economics, business, mental acts and games.** **4. Computer programs *per se*.** **5. Information formats.** **6. Esthetic creations and artistic and literary works.** **7. Therapeutic, surgical and diagnostic methods for treating humans or animals.** **8. Combinations of known inventions mixing of known products the variation of their shape, dimensions or materials, unless this fulfils the requirements of novelty, inventive step and industrial application. .** **9. Inventions whose commercial exploitation must be prevented to protect public order, State security, morality and proper practice, health or life or persons or animals, or plants and the environment.** **10. Essentially biological means of producing plants and animals that are not biological or microbiological procedures.** **11. Plant species and animal species and breeds.** **12. Biological material as found in nature.** **13. Live material forming part of the human body.** **14. Plant varieties.**
Papua New Guinea	**1. Discoveries, scientific theories and mathematical methods.** **2. Schemes, rules and methods for doing business performing mental acts and playing games.** **3. Therapeutic, surgical and diagnostic methods for treating humans or animals.** **4. Inventions contrary to public order or morality or which seriously damage the environment** **5. Presentation of information.**

Country/Region	Exclusions from Patentable Subject Matter
Paraguay	**1. Mere discoveries, scientific theories and mathematical methods.** **2. Exclusively esthetic creations.** **3. Schemes, plans, principles or economic methods of advertisements or business and those referring to purely mental or intellectual activities or to games.** **4. Computer programs taken separately.** **5. Diagnostic, therapeutic and surgical methods for the treatment of humans or animals.** **6. Methods of reproducing information.** **7. Inventions the commercial exploitation of which shall be forbidden for objective and necessary reasons to protect the ordre public, morality, health or life of persons or animals, or to preserve plants and to avoid severe damage to the environment.** **8. Plants and animals.** **9. Essentially biological processes for the production of plants or animals.** **10. Products or procedures previously patented whose use is distinctively different to that included in the original patent.**
Peru	**1. Discoveries, scientific theories and mathematical methods.** **2. Natural biological materials.** **3. Literary, artistic works and other works protected by copyright.** **4. Plans, rules and methods for intellectual acts, playing games, or economic and business activities.** **5. Computer programs and software.** **6. Presentation of information.** **7. Inventions contrary to public order or morality.** **8. Inventions whose commercial exploitation would be detrimental to human, animal life or health, plant preservation or the environment** **9. Plants, animals and essentially biological processes for the production of plants or animals, other than non-biological and microbiological processes.** **10. Surgical, therapeutic and diagnostic methods for treating humans or animals.** **11. New uses of patented products and processes.**
Philippines	**1. Discoveries, scientific theories and mathematical methods, and in the case of drugs and medicines, the mere discovery of a new form or new property of a known substance which does not result in the enhancement of the known efficacy of that substance, or the mere discovery of any new property or new use for a known substance, or the mere use of a known process unless such known process results in a new product that employs at least one new reactant.** **For the purpose of this clause, salts, esters, ethers, polymorphs, metabolites, pure form, particle size, isomers, mixtures of isomers, complexes, combinations, and other derivatives of a known substance shall be considered to be the same substance, unless they differ significantly in properties with regard to efficacy.** **2. Schemes, rules and methods of performing mental acts, playing games or doing business, and programs for computers.** **3. Methods for treatment of the human or animal body by surgery or therapy and diagnostic methods practiced on the human or animal body. This provision shall not apply to products and composition for use in any of these methods.** **4. Plant varieties or animal breeds or essentially biological process for the production of plants or animals. This provision shall not apply to microorganisms and non-biological and microbiological processes.** **Provisions under this subsection shall not preclude Congress to consider the enactment of a law providing sui generis protection of plant varieties and animal breeds and a system of community intellectual rights protection:** **5. Aesthetic creations; and**

Country/Region	Exclusions from Patentable Subject Matter
	6. Anything which is contrary to public order or morality.
Poland	**1. Discoveries, scientific theories and mathematical methods.** **2. Aesthetic creations.** **3. Schemes, rules and methods for performing mental acts, doing business and playing games.** **4. Products or methods the capability of exploitation of which cannot be proved, or the exploitation of which will not bring the result expected by the applicant, in the light of commonly accepted principles of science.** **5. Computer programs.** **6. Presentation of information.** **7. The subject-matter or activities referred to in sections: 1, 2, 3, 5 and 6, provided that a patent application concerns those subject-matters or activities as such.** **8. Inventions contrary to public order or morality** **9. Plant and animal varieties and essentially biological processes for their production, other than microbiological methods and products, as well as plants and animals obtained through essentially biological processes.** **10. Therapeutic, surgical and diagnostic methods for treating humans or animals.**
Portugal	**1. Discoveries, scientific theories and mathematical methods.** **2. Materials or substances already existing in nature and nuclear materials.** **3. Aesthetic creations.** **4. Schemes, rules or methods for intellectual acts, playing a game or doing business and computer programs, as such, with no technical contributions.** **5. Presentations of information.** **6. Inventions whose commercial exploitation is against the law or contrary to public policy, public health or morality are not patentable and their exploitation may not be considered as such due to the simple fact that it is forbidden by law or regulations.** **7. Processes for cloning human beings.** **8. Processes for modifying the germinal line genetic identity of human beings.** **9. The use of human embryos for industrial or commercial purposes.** **10. Processes for modifying the genetic identity of animals which may cause them suffering without any substantial medical benefit to man or animal and also animals resulting from such processes.** **11. The human body, at the various stages of its formation and development and the simple discovery of one of its elements, including the discovery of a sequence or partial sequence of a gene. (However a new invention that involves an inventive step and is susceptible of industrial application relating to any isolated element of the human body or produced in any other way by a technical process, including a sequence or partial sequence of a gene, even though the structure of this element is identical to that of a natural element, provided that the industrial application of a sequence or partial sequence of a gene is expressly observed and specifically described in the patent application).** **12. Plant and animal varieties and essentially biological processes for obtaining plants or animals, and the plans or animals obtained exclusively through such processes.** **13. Surgical or therapeutic methods for treating the human or animal body and diagnostic methods used on the human or animal body, though products, substances or compositions used in any of these methods may be patented.**
Republic of Korea	**1. Inventions liable to contravene public order or morality or to injure public health. (by patent law).** **2. Those not considered as an invention or to be industrially applicable (by judicial precedents**

Country/Region	Exclusions from Patentable Subject Matter
	and Patent Examination Guidelines): **a. Laws of nature, mere discoveries.** **b. Those contrary to the laws of nature.** **c. Those in which the laws of nature are not utilized (e.g. economic laws, mathematical methods, rules for playing games, mental activities)d. Mere presentation of information.** **e. Aesthetic creations.** **f. Computer programming language or computer program.** **g. Methods of surgery, therapy or diagnosis of humans.**
Romania	**1. Discoveries, scientific theories and mathematical methods.** **2. Aesthetic creations.** **3. Schemes, rules and methods for performing mental acts, playing games or doing business.** **4. Computer programs.** **5. Presentation of information.** **6. Inventions, the exploitation of which would be contrary to public order or morality, including those being detrimental to human, animal or plant life, or health or the environment, the exclusion not being deemed to be prohibited merely because the exploitation is prohibited by law.** **7. Plant and animal varieties and essentially biological processes for their production, other than microorganisms.** **8. Surgical, therapeutic and diagnostic methods for treating humans and animals.** **9. The human body, at any stage of its formation and the simple discovery of its elements, including the sequence or partial sequence of a gene.**
Russian Federation	**1. Discoveries.** **2. Scientific theories and mathematical methods.** **3. Proposals concerning solely the outward appearance of manufactured articles and intended to satisfy aesthetic requirements.** **4. Rules and methods of games, intellectual or business activities.** **5. Computer programs.** **6. Ideas on presentation of information.** **7. Varieties of plants, breeds of animals and biological methods of obtaining thereof with the exception of microbiological methods and products obtained by the use of such methods.** **8. Layout-designs (topographies) of integrated circuits.** **9. Methods of cloning of a human being and its clone.** **10. Methods of modification of the genetic integrity of cells of the embryonic line of a human being.** **11. Use of human embryos for industrial and commercial purposes.** **12. Other proposals that are contrary to public interest, principles of humanity and morality.**
Saint Lucia	**1. Discoveries, scientific theories and mathematical methods.** **2. Literary, dramatic, musical and artistic works.** **3. Aesthetic creations.** **4. Schemes, rules and methods for performing mental acts, playing a game or doing business.** **5. Computer programs.** **6. Presentation of information.** **7. Therapeutic, surgical and diagnostic methods for treating humans or animals.**

Country/Region	Exclusions from Patentable Subject Matter
Saudi Arabia	**1. Discoveries, scientific theories and mathematical methods.** **2. Schemes, rules and methods of conducting commercial activities, exercising pure mental activities or playing a game.** **3. Plants, animals and processes, which are mostly biological, used for the production of plants or animals, with the exception of micro-organisms, non-biological and microbiology processes.** **4. Methods of surgical or therapeutic treatment of human or animal body and methods of diagnosis applied to human or animal bodies, with the exception of products used in any of these methods.**
Serbia	**1. Discoveries, scientific theories and mathematical methods.** **2. Aesthetic creations.** **3. Schemes, rules and methods for performing mental acts, playing games or doing business.** **4. Computer programs.** **5. Presentation of information.** **6. The human body, at any stage of its formation and development, and the simple discovery of one of its elements, including sequences or partial sequences of genes.** **7. Inventions whose commercial use would be contrary to public order or morality, in particular: processes for cloning human beings, processes for modifying of the genetic identity of germ cells of human beings, uses of human embryos for industrial or commercial purposes, processes for modifying the genetic identity of animals which are likely to cause them suffering without any substantial medical benefit to man or animal, and also animals resulting from such processes.** **8. Inventions concerning methods for treatment by surgery or diagnostic methods or therapy practiced directly on the human or animal body, other than products or substances and compositions for use in any of these methods.** **9. Plant or animal variety or an essentially biological process for the production of a plant or animal, other than microbiological processes or the products obtained by means of such process.**
Singapore	**1. Inventions encouraging offensive, immoral or anti-social behavior.** **2. Therapeutic, surgical and diagnostic methods for treating humans or animals.**
Slovak Republic	**1. Discoveries, scientific theories and mathematical methods.** **2. Aesthetic creations.** **3. Schemes, rules and methods for performing mental acts, playing games or doing business.** **4. Computer programs.** **5. Presentation of information.** **6. Inventions contrary to public order and good manners.** **7. Therapeutic, surgical and diagnostic methods for treating humans and animals.** **8. Plant and animal varieties.** **9. Essentially biological processes for creation of plants or animals.** **10. The human body at any stage of its formation and development or the simple discovery of its elements, including gene sequences, other than elements isolated from the human body or produced by a technical process.** **11. Processes for cloning humans; modifying the germ line genetic identity of humans; uses of human embryos for industrial or commercial purposes; and processes for modifying the genetic identity of animals which are likely to cause them suffering without any substantial medical benefit, and animals resulting from such processes.**

Country/Region	Exclusions from Patentable Subject Matter
Slovenia	**1. Discoveries, scientific theories and mathematical methods.** **2. Rules, schemes, methods and processes for performing mental acts.** **3. Inventions the exploitations of which would be contrary to public order or morality.** **4. Surgical and diagnostic methods or methods of treatment practiced directly on the living human or animal body.**
South Africa	**1. Discoveries, scientific theories and mathematical methods.** **2. Literary, dramatic, musical and artistic works.** **3. Aesthetic creations.** **4. Schemes, rules and methods for performing mental acts, playing games or doing business.** **5. Computer programs.** **6. Presentation of information.** **7. Inventions which encourage offensive or immoral behavior.** **8. Plant and animal varieties and essentially biological processes for their production, other than microbiological process and products.** **9. Therapeutic, surgical and diagnostic methods for treating humans or animals.**
Spain	**1. Discoveries, scientific theories and mathematical methods.** **2. Literary or artistic works or any other aesthetic creation and scientific works.** **3. Schemes, rules or methods for intellectual activity, for games or for economic commercial activity.** **4. Computer programs.** **5. Presentation of information.** **6. Surgical, therapeutic and diagnostic methods for treating humans or animals.** **7. Inventions contrary to public order or morality, in particular: processes for cloning humans; modifying the germ line genetic identity of humans; uses of human embryos for industrial or commercial purposes; and processes for modifying the genetic identity of animals which are likely to cause them suffering without any substantial medical benefit, and animals resulting from such processes.** **8. Plant and animal varieties and essentially biological processes for production of plants and animals, other than microbiological and products thereof.** **9. The human body, at any stage of its formation and development or the simple discovery of its elements, including gene sequences, other than elements isolated from the human body or produced by a technical process.**
Sri Lanka	**1. Discoveries, scientific theories and mathematical methods.** **2. Plant and animal varieties and essentially biological processes for their production, other than microbiological methods and products.** **3. Schemes, rules, and methods for doing business, performing mental acts and playing games.** **4. Therapeutic, surgical and diagnostic methods for treating humans or animals.** **5. An invention which is useful in the utilization of special nuclear material or atomic energy in an atomic weapon.** **6. Any invention, the prevention within Sri Lanka of the commercial exploitation of which is necessary to protect the public order, morality including the protection of human, animal or plant life or health or the avoidance of serious prejudice to the environment.**
Sweden	**1. Discoveries, scientific theories and mathematical methods.** **2. Aesthetic creations.** **3. Schemes, rules and methods for performing mental acts, playing games or doing business.** **4. Computer programs.**

Country/Region	Exclusions from Patentable Subject Matter
	5. Presentation of information. **6. Therapeutic, surgical and diagnostic methods for treating humans or animals.** **7. Inventions contrary to morality or public order.** **8. Plant and animal varieties and essentially biological processes for production of plants and animals, other than microbiological processes and products.** **9. The human body, at any stage of its formation and development or the simple discovery of its elements, including gene sequences, other than elements isolated from the human body or produced by a technical process.** **10. Processes for cloning humans; modifying the germ line genetic identity of humans; uses of human embryos for industrial or commercial purposes; and processes for modifying the genetic identity of animals which are likely to cause them suffering without any substantial medical benefit, and animals resulting from such processes.**
Switzerland	**1. Plant and animal varieties and essentially biological processes for their production, other than microbiological methods and products.** **2. Inventions contrary to public order or morality.** **3. Therapeutic, surgical and diagnostic methods for treating humans or animals.** **4. Processes for forming chimeras and hybrids using human gametes or human totipotent cells; parthenogenic processes using germ line human material; processes for modifying the germ line genetic identity of humans clones, hybrids, chimeras; parthenogenic offspring and germ line cells thus obtained; unmodified human stem cells and unmodified lines of stem cells.**
Syrian Arab Republic	**1. Inventions that could undermine national security, disturb public order or morals, harm the environment or threaten the life or health of human beings, animals or plants.** **2. Scientific discoveries and theories, mathematical methods, databases, diagrams, compounds and pharmaceutical compositions.** **3. Plants and animals, however rare or unusual, or any essentially biological methods for producing them. This shall not apply to microorganisms or to non-biological or microbiological methods for producing plants or animals.** **4. Schemes, rules and methods related to:** **- Pure intellectual activities;** **- Economic activities;** **- Information programs;** **- Treatment and surgery of the human or animal body, as well as methods of diagnosing disease used in examining the human or animal body. These provisions do not apply to preparations, especially materials and formulations used for the purpose of applying one of these methods.** **- Organs, tissues, cells, natural biological materials, DNA and genome.**

Country/Region	Exclusions from Patentable Subject Matter
Tajikistan	**1. Scientific theories and mathematical methods.** **2. Method of organization and management of economy.** **3. Conventional signs, schedules, rules.** **4. Rules and methods for performing mental acts.** **5. Algorithms and programs for computers.** **6. Projects and lay-out design of constructions, buildings and territories.** **7. Proposals concerning solely the outward appearance of manufactured articles and intended to satisfy aesthetic requirements.** **8. Layout designs of integrated circuits.** **9. Plant varieties and animal breeds.** **10. Proposals contrary to the public interest, humanitarian principles or morality.**
Thailand	**1. Naturally occurring microorganisms and their components.** **2. Animals, plants and extracts therefrom.** **3. Scientific or mathematical rules or theories.** **4. Computer programs.** **5. Methods of diagnosis, treatment or cure of human and animal diseases.** **6. Inventions contrary to public order, morality, health or welfare.**
Trinidad and Tobago	**1. Discoveries, scientific theories and mathematical methods.** **2. Literary, dramatic, musical and artistic works.** **3. Aesthetic creations.** **4. Schemes, rules and methods for performing mental acts, playing games or doing business.** **5. Therapeutic, surgical and diagnostic methods for treating humans or animals.** **6. Presentation of information.** **7. Inventions contrary to public order or morality.** **8. Inventions detrimental to human, animal or plant life or health or the environment.**
Tunisia	**1. Aesthetic creations.** **2. Discoveries, scientific theories and mathematical methods.** **3. Schemes, rules and methods for mental acts, games or economic activity.** **4. Software.** **5. Therapeutic, surgical and diagnostic methods for treating humans or animals.** **6. Presentation of information.** **7. Live substances occurring in nature.** **8. Plant and animal varieties and essentially biological processes for their production, other than biological methods used in medicine and their products.** **9. Inventions contrary to morality, public policy or whose exploitation is prejudicial to public health or the protection of the environment.**
Türkiye	**1. Discoveries, scientific theories, mathematical methods as such.** **2. Schemes, methods and rules for performing mental acts, conducting business activities and playing games as such.** **3. Computer programs as such.** **4. Aesthetic creations, literary and artistic works, and scientific works as such.** **5. Presentation of information as such.**

Country/Region	Exclusions from Patentable Subject Matter
	6. Therapeutic, surgical and diagnostic methods for treating humans or animals. **7. The human body, at the various stages of its formation and development, including germ cells, and the mere discovery of one of its elements, including the sequence or partial sequence of gene.** **8. Processes for cloning human beings and for modifying the germ line genetic identity of human beings, uses of human embryos for industrial or commercial purposes.** **9. Processes for cloning human beings and for modifying the germ line genetic identity of human beings, uses of human embryos for industrial or commercial purposes.** **10. Inventions exploitation of which would be contrary to "ordre public" or morality.** **11. Plant and animal varieties and essentially biological processes for their production.**
Uganda	**1. Discoveries, scientific theories and mathematical methods.** **2. Schemes, rules or methods for doing business, performing purely mental acts or plying games.** **3. Diagnostic, therapeutic and surgical methods for the treatment of humans or animals.** **4. Mere presentation of information.** **5. Plants and animals other than micro-organisms, and essentially biological processes for the production of plants or animals other than non-biological and micro-biological processes.** **6. Pharmaceutical products and test data made until 1st January 2016 or at other time in the case if it is granted to Uganda or other least developed countries by the TRIPS Council.** **7. Natural substances, whether purified, synthesized or otherwise isolated from nature, except the process of isolating those natural substances from their original environment.** **8. The human body and all its elements in whole or in part.**
Ukraine	**1. Integrated circuits topographies.** **2. Aesthetic creations.** **3. Plant and animal varieties.** **4. Essentially biological processes for reproduction of plants and animals, other than microbiological processes.**
United Arab Emirates (UAE)	**a. Plant or animal species, or biological methods for plant or animal production, with the exception of microbiology methods and their products, as determined by the provisions of the rules of implementation.** **b. Diagnostic, treatment and surgical methods related to human or animal treatment.** **c. Mathematical principles, discoveries, theories and methods.** **d. Schemes, rules, or computer programs, or methods used for conducting business, practicing pure mental activities, or a game of play.** **e. Natural materials, even if they are purified or isolated from nature, with the exception of methods of isolating natural materials or purifying them from the original environment.** **f. Inventions whose exploitation results in a breach of public order or morals or harm to life, public health, or the environment.**
United Kingdom	**1. Discoveries, scientific theories and mathematical methods.** **2. Literary, dramatic, musical and artistic works.** **3. Aesthetic creations.** **4. Schemes, rules and methods for performing mental acts, playing games or doing business.** **5. Computer programs.** **6. Presentation of information.** **7. Therapeutic and surgical methods for treating humans or animals, and diagnostic methods practiced on the human or animal body.**

Country/Region	Exclusions from Patentable Subject Matter
	8. Inventions contrary to public policy or morality. **9. Plant and animal varieties and essentially biological processes for their production, other than:** **(a) microbiological or other technical methods and products of such methods;** **(b) inventions whose technical feasibility of the invention is not confined to a particular plant or animal variety.** **10. The human body, at any stage of its formation and development or the simple discovery of its elements, including gene sequences, other than elements isolated from the human body or produced by a technical process.** **11. Processes for cloning humans; modifying the germ line genetic identity of humans; uses of human embryos for industrial or commercial purposes; and processes for modifying the genetic identity of animals which are likely to cause them suffering without any substantial medical benefit, and animals resulting from such processes.**
United States of America	**No expressly prescribed exclusions, but abstract ideas, natural phenomena and laws of nature excluded by case law.**
Uruguay	**1. Discoveries, scientific theories and mathematical methods.** **2. Schemes, plans, rules for playing games, business, accounting, financial, educational, publicity, lottery or taxation principles or methods.** **3. Literary, artistic and scientific works.** **4. Aesthetic creations.** **5. Computer programs taken separately.** **6. Methods of reproducing information.** **7. Plants and animals and essentially biological processes for their production, other than microbiological processes.** **8. Biological or genetic material occurring in nature.** **9. Diagnostic, therapeutic or surgical methods for treating persons or animals.** **10. Inventions contrary to public order or morality** **11. Inventions detrimental to public health, food supply, safety or the environment.**
Uzbekistan	**1. Scientific theories and mathematical methods.** **2. Organizational and management methods.** **3. Designations, schedules and rules.** **4. Rules and methods for carrying out intellectual operations.** **5. Algorithms and computer programs.** **6. Plans and diagrams for buildings, constructions and land.** **7. Aesthetic creations.** **8. Topographies of integrated circuits.** **9. Plant and animal varieties.** **10. Inventions contrary to public interests, principles of humanity and morality.**
Zambia	**1. Discoveries of materials or substances already existing in nature, scientific theories and mathematical methods.** **2. Schemes, rule and methods for performing a mental act or playing games or for doing business, or computer programs.** **3. Literary, dramatic, musical or artistic works.** **4. Aesthetic creations.** **5. The presentation of information.** **6. Therapeutic and surgical methods for treating humans or animals, and diagnostic methods practiced on the human or animal body.** **7. Inventions contrary to law, public policy or morality.**

Country/Region	Exclusions from Patentable Subject Matter
	8. Plant and animal varieties or any biological process for the production of animals or plants, not being a microbiological process or the product of such process. **9. Substances capable of being used as food or medicine which is a mere admixture of known ingredients possessing only the aggregate of known properties of the ingredients.**
Zimbabwe	**1. Diagnostic, therapeutic or surgical methods for the treatment of human beings or animals.** **2. Plants and animals, other than micro-organisms.** **3. Essentially biological processes for the production of plants or animals, other than microbiological processes.**

Regional Offices	Exclusions from Patentable Subject Matter
African Intellectual Property Organization (OAPI)	**1. Discoveries, scientific theories and mathematical methods.** **2. Schemes, rules and methods for doing business, performing mental acts or playing games.** **3. Mere presentation of information.** **4. Computer programs.** **5. Purely ornamental creations.** **6. Literary, architectural and artistic works or every other aesthetic creations.** **7. Inventions whose exploitation is contrary to public policy or morality.** **8. Methods for the treatment of the human or animal body by surgery or therapy, including diagnostic methods.** **9. An invention which has as its object plant varieties, animal species and essentially biological processes for breeding plants or animals, other than microbiological processes and products obtained by these processes.**
African Regional Intellectual Property Organization (ARIPO)	**The following, in particular, shall not be regarded as inventions** **(a) discoveries, scientific theories and mathematical methods;** **(b) aesthetic creations;** **(c) schemes, rules and methods for performing mental acts, playing games or doing business, and programs for computers; and** **(d) presentations of information.** **(e) inventions of which commercial exploitation would be contrary to public order or morality, but shall not apply to microbiological processes or the products thereof;** **(f) plant or animal varieties or essentially biological processes for the production of plants or animals; or** **(g) methods for treatment of the human or animal body by surgery or therapy and diagnostic methods practised on the human or animal body, but shall not apply to products, in particular substances or compositions, for use in any of these methods.**
Eurasian Patent Organization (EAPO)	**1. Discoveries, scientific theories and mathematical methods.** **2. Presentation of information.** **3. Methods of economic organization and management.** **4. Symbols, schedules and rules, including rules of games.** **5. Methods for performing mental acts.** **6. Algorithms and computer programs.** **7. Topographies of integrated circuits.** **8. Projects and plans for structures, buildings and land development..** **9. Aesthetic creations.** **10. Plant varieties and animal breeds.** **11. Inventions, the prevention of the commercial exploitation of which is necessary to protect public order or morality, including to protect human, animal or plant life or health, or to avoid serious prejudice to the environment.**
European Patent Organisation (EPO)	**1. Discoveries, scientific theories and mathematical methods as such.** **2. Aesthetic creations as such.** **3. Schemes, rules and methods for performing mental acts, playing games or doing business as such.** **4. Programs for computers as such.** **5. Presentation of information as such.**

Regional Offices	Exclusions from Patentable Subject Matter
	6. Inventions, the commercial exploitation of which would be contrary to public order or morality, in particular in respect of biotechnological inventions which concern the following: **(a) processes for cloning human beings;** **(b) processes for modifying the germ line genetic identity of human beings;** **(c) uses of human embryos for industrial or commercial purposes;** **(d) processes for modifying the genetic identity of animals which are likely to cause them suffering from such processes.** **7. Plant or animal varieties; plants or animals exclusively obtained by means of an essentially biological process (Rule 28(2) EPC); and essentially biological processes for the production of plants or animals, other than microbiological processes and products.** **8. Methods for treatment of the human or animal body by surgery or therapy and diagnostic methods practised on the human or animal body. Products, in particular substances or compositions, for use in any of these methods are not excluded.** **9. The human body, at the various stages of its formation and development, and the simple discovery of one of its elements, including the sequence or partial sequence of a gene.** **10. An element isolated from the human body or otherwise produced by means of a technical process, including the sequence or partial sequence of a gene, may constitute a patentable invention, even if the structure of that element is identical to that of a natural element.**
Patent Office of the Cooperation Council for the Arab States of the Gulf (GCC)	**1. Discoveries, scientific theories, mathematical methods, and computer programs.** **2. Schemes, rules, and methods for doing business, performing purely mental acts, or playing games.** **3. Plant varieties and species of animals, and biological processes for the production of plants or animals, other than microbiological processes and products.** **4. Methods of surgical or therapeutic treatment of the human or animal body and methods of diagnosis applied to the human or animal body with the exception of products used in any of these methods.** **5. Inventions necessary to safeguard public order or morality, including the protection of human or animal or plantation life and health, or to avoid serious damage to the environment.** **6. Inventions contrary to the laws of Islamic Shariya.**