

Schedule 1A – Techniques that are not gene technology

Item	Description of technique
1	Either of the following transfers, if the transfer does not involve genetically modified material: (a) nuclear transfer; (b) transfer of plastids or mitochondria.
2	Electromagnetic radiation-induced mutagenesis.
3	Particle radiation-induced mutagenesis.
4	Chemical-induced mutagenesis.
5	Fusion of animal cells, or human cells, if the fused cells are unable to form a viable whole animal or human.
6	Protoplast fusion, including fusion of plant protoplasts.
7	Embryo rescue.
8	<i>In vitro</i> fertilisation.
9	Zygote implantation.
10	A natural process, if the process does not involve genetically modified material. Examples: Examples of natural processes include conjugation, transduction, transformation and transposon mutagenesis.
11	Introduction of nucleic acid or nucleic acid analogue into an organism, if: (a) the introduction of the nucleic acid or nucleic acid analogue does not result in an alteration of the organism's genome sequence; and (b) the introduction of the nucleic acid or nucleic acid analogue cannot give rise to an infectious agent; and (c) in the case of nucleic acid or nucleic acid analogue that is DNA—the DNA cannot be transcribed.

Schedule 1B – Organisms that are genetically modified organisms

For the purposes of the regulations, an organism is a genetically modified organism if an item in the following table applies to the organism.

Organisms that are genetically modified organisms	
Item	Description of organism
1	An organism that has had its genome modified by oligonucleotide-directed mutagenesis
2	An organism modified by repair of single-strand or double-strand breaks of genomic DNA induced by a site-directed nuclease, if a nucleic acid template was added to guide homology-directed repair

Schedule 1 – Organisms that are not genetically modified organisms

Item	Description of organism
2	A whole animal, or a human being, modified by the introduction of naked recombinant nucleic acid (such as a DNA vaccine) into its somatic cells, if the introduced nucleic acid is incapable of giving rise to infectious agents.
3	Naked plasmid DNA that is incapable of giving rise to infectious agents when introduced into a host cell.
4	An organism modified by repair of single-strand or double-strand breaks of genomic DNA induced by a site-directed nuclease, if a nucleic acid template was not added to guide homology-directed repair.
6	A micro-organism that results from an exchange of DNA if: <ul style="list-style-type: none"> (a) the donor species is also the host species; and (b) the exchanged DNA does not contain any heterologous DNA.
7	An organism that results from an exchange of DNA between the donor species and the host species if: <ul style="list-style-type: none"> (a) such exchange can occur by naturally occurring processes; and (b) the donor species and the host species are micro-organisms that: <ul style="list-style-type: none"> (i) satisfy the criteria in AS/NZS 2243.3:2010 for classification as Risk Group 1; and (ii) are known to exchange nucleic acid by a natural physiological process; and (c) the vector used in the exchange does not contain heterologous DNA from any organism other than an organism that is involved in the exchange.
8	An organism that is descended from a genetically modified organism (the <i>initial organism</i>), if none of the traits it has inherited from the initial organism are traits that occurred in the initial organism because of gene technology.
9	An organism that has inherited particular traits from an organism (the <i>initial organism</i>), being traits that occurred in the initial organism because of gene technology, if: <ul style="list-style-type: none"> (a) the initial organism was not a genetically modified organism (because of the application of regulation 5); or (b) all such inherited traits are traits that occurred in the initial organism as a result of a modification described in an item in this Schedule.
10	An organism that was modified by gene technology but in which the modification, and any traits that occurred because of gene technology, are either no longer present or are epigenetic.
11	<i>Agrobacterium radiobacter</i> strain K1026.
12	<i>Pasteurella multocida</i> strain PMP1.