Country	Status	Case-by-Case Consultation?	SDN1	SDN2	SDN3	ODM	Null Segregant	Animals	Comments
Could be obtained via "conventional cross-breeding"			yes	yes	no	yes	yes		or via mutagenisis
South America									
Argentina*	Final	yes	Not GMO	Not GMO	GMO	Not GMO	Not GMO	same	Consultation required, depends on whether there is any new combination of DNA (transgene)
Chile*	Final	yes	Not GMO	Not GMO	GMO	Not GMO	Not GMO	same expected	Consultation required, depends on whether there is any new combination of DNA (transgene)
Brazil*	In review	yes	Not GMO	Not GMO	GMO	Not GMO	Not GMO	same	Consultation required, depends on whether there is any new combination of DNA (transgene)
Columbia	In progress								expected to be similar to above
North America									
Canada	product based	yes	not regulated if **product** is not identified as novel					same	Use existing Novel Foods Regulations; approved a ODM HT canola product (not on market due to low oil content)
USA#	In progress	(am I regulated?)	*Not "GMO"*	*Depends*	*Likely "GMO"*	*Not "GMO"*	*Not "GMO"*	different	the U.S. does not have "GMO" laws
Other									
Australia#	Proposed		Not GMO	Depends	GMO	GMO	?	same	anticipated, not final; also revising law
New Zealand	Uncertain		*GMO*	*GMO*	*GMO*	*GMO*	*?*	*same*	*currently taking a wait and see approach; previous High Court decision ruled that as currently written,gene editing techniques were not excluded from "new organisms provisions."*
FSANZ	Code under review								*Food Safety agency for Australia and NZ*
Israel	Final	yes	Not GMO	Not GMO	GMO	Depends	?	?	Consultation required, depends on whether there is any new combination of DNA (transgene)
Europe									
Spain	*awaiting European Court of Justice (EJC) opinion for clarification on whether SDN and ODM are "GMOs"*					*Not GMO*			*National Biosafety Commission board conclusion*
Netherlands			*Not GMO*	*Not GMO*	*GMO*	*Not GMO*	*Not GMO*		*Dutch proposal before EJC; no other genetic material is introduced into the resulting plant than genetic material from the same plant species or from a plant species with which it can exchange genetic material through traditional breeding methods or rDNA used no longer present.*
France			*Not GMO*	*Not GMO*	*GMO*	*Not GMO*	*Not GMO*		*High Council for Biotechnology Opinion. Depends on whether there is any new combination of DNA (transgene)*
Germany						*Not GMO*			*Federal Office of Consumer Protection and Food Safety (BVL) opinion citing a Central Commission for biological safety (ZKBS) evaluation, since it is a targeted mutation rather than an insertion of foreign DNA.*
Italy			*Not GMO*						*Agriculture Committee of Chamber of Deputies opinion*
Sweden			*Not GMO*	*Not GMO*	*GMO*	*Not GMO*	*Not GMO*		*Swedish Board of Agriculture; depends on whether there is any new combination of DNA (transgene)*
Norway	*Proposed*		*Not GMO*	*expedited assessment*	*GMO*	*Not GMO*		*same*	*Norwegian Biotechnology Advisory Board proposed 3-tiered system: notification, expedited, standard assessment*

Categorical exclusion

Site Directed Nucleases (SDN) - note there is not an international standard for SDN-1, -2, or -3

SDN-1:	SDN-1 is used in the absence of a DNA repair template. Position of double strand break (DSB) is precisely selected, but the DNA repair is random and results in small nucleotide deletions, additions or substitutions. Alternatively, can also be used to remove larger DNA regions (knockout)
SDN-2:	SDN-2 is used to generate a targeted double strand break and a (short) DNA repair template
SDN-3:	SDN-3 is used along with a ("long") DNA repair template that contains new (foreign) DNA sequence; may be cisgenic or transgenic
ODM:	Oligonucleotide-Directed Mutagenesis; repair template with a DNA base pair change

