Appendix 2. Summary table of genetic and related effects

Nonmammalian systems												Mammalian systems																													
		Lower eukaryotes				Plants			Ins	Insects				In vitro												In v	In vivo														
													Animal cells						Human cells							Animals							Hu	Humans							
D	G	D	R	G	Α	D	G	С	R	G	С	Α	D	G	s	М	С	Α	T	I	D	G	s	М	С	A	T	I	D	G	s	M	С	DL	A	D	T	S N	1 (С	Α
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Theop	hyllii ?	ne		+				?		_1				_1	+	_1	+						+	_1	?						+ 1		_1	_1							
Theob	romi ?	ne		+ 1				_1						+1	+ 1		_1		_1				?		+						+	+ 1	_1	_							
Methy	lglyo +	xal	+	+ 1										+	+1								+1	+1	+ 1						_1		_1								

A, aneuploidy; C, chromosomal aberrations; D, DNA damage; DL, dominant lethal mutation; G, gene mutation; I, inhibition of intercellular communication; M, micronuclei; R, mitotic recombination and gene conversion; S, sister chromatid exchange; T, cell transformation

In completing the tables, the following symbols indicate the consensus of the Working Group with regard to the results for each endpoint:

- + considered to be positive for the specific endpoint and level of biological complexity
- + considered to be positive, but only one valid study was available to the Working Group
- considered to be negative
- considered to be negative, but only one valid study was available to the Working Group
- ? (e.g., there were contradictory results from different laboratories; there were confounding exposures; the results were equivocal)
- ?1 considered to be equivocal or inconclusive; only one study was available to the Working Group

Test for sex-linked recessive lethal mutation gave negative results, but there was a weak positive trend for somatic mutation

^bGreen tea only

Sperm morphology in animals, -1

^{*}Includes sister chromatid exchange