

Table 1. List of chemicals used for phenotypic screening.

Chemical name	Category
1-Methyl-4-phenylpyridinium iodide (MPP +)	Drug
3,3'-Iminodipropionitrile	Drug
5-Fluorouracil	Drug
6-Hydroxydopamine hydrochloride	Drug
6-Propyl-2-thiouracil	Drug
Acetaminophen	Drug
Acetylsalicylic acid	Drug
Berberine chloride	Drug
Colchicine	Drug
Diazepam	Drug
Diethylstilbestrol	Drug
Hydroxyurea	Drug
L-Ascorbic acid	Drug
Phenobarbital	Drug
Tetraethylthiuram disulfide	Drug
Thalidomide	Drug
Valinomycin	Drug
Valproic acid sodium salt	Drug
Aldicarb	Pesticide
Captan	Pesticide
Carbamic acid, butyl-,3-iodo-2-propynyl ester	Pesticide
Carbaryl	Pesticide
Chlorpyrifos	Pesticide
Deltamethrin	Pesticide
Dichlorodiphenyltrichloroethane (DDT)	Pesticide
Dieldrin	Pesticide
Heptachlor	Pesticide
Hexachlorophene	Pesticide
Lindane	Pesticide
Parathion	Pesticide
Permethrin	Pesticide
Rotenone	Pesticide
Tebuconazole	Pesticide
2-Ethylhexyl diphenyl phosphate (EHDP)	Flame retardant

2,2',4,4',5-Pentabromodiphenyl ether	Flame retardant
2,2'4,4'-Tetrabromodiphenyl ether	Flame retardant
3,3',5,5'-Tetrabromobisphenol A	Flame retardant
Isodecyl diphenyl phosphate	Flame retardant
Phenol, isopropylated, phosphate (3:1)	Flame retardant
tert-Butylphenyl diphenyl phosphate	Flame retardant
Tricresyl phosphate	Flame retardant
Triphenyl phosphate	Flame retardant
Tris(2-chloroethyl) phosphate	Flame retardant
4-H-Cyclopenta(d,e,f)phenanthrene	PAH
Acenaphthene	PAH
Acenaphthylene	PAH
Anthracene	PAH
Benz(a)anthracene	PAH
Benzo(a)pyrene	PAH
Benzo(b)fluoranthene	PAH
Benzo(e)pyrene	PAH
Benzo(k)fluoranthene	PAH
Dibenz(a,c)anthracene	PAH
Fluorene	PAH
Naphthalene	PAH
Phenanthrene	PAH
Pyrene	PAH
Acrylamide	Other
Acetic acid, manganese (2 +) salt	Other/metal
Manganese, tricarbonyl[(1,2,3,4,5-eta.)-1-methyl-2,4-cyclopentadien-1-yl]- (MMT)	Other/metal
Methyl mercuric (II) chloride	Other/metal
Bisphenol A	Other/plasticizer
Di(2-ethylhexyl) phthalate	Other/plasticizer
1-Ethyl-3-methylimidazolium diethylphosphate	Other/plasticizer
2-Methoxyethanol	Other/solvent
n-Hexane	Other/solvent
Toluene	Other/solvent
D-Glucitol	Other/sweetener
Saccharin sodium salt hydrate	Other/sweetener

Biotin	Negative control (cardiophysiology)
Sorbitol	Negative control (cardiophysiology)
Adipic acid	Negative control (cardiophysiology)
Antimycin A	Positive control (mitochondrial toxicant)
Digoxin	Positive control (mitochondrial toxicant)
Carbonyl cyanide <i>m</i>-chlorophenyl hydrazone (CCCP)	Positive control (mitochondrial toxicant)

Abbreviations: PAH = polycyclic aromatic hydrocarbon.