

Table 1 Mutagens which did not induce sectors in the *Oy1* assay

| Chemical | CAS | References |
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| 4-Nitroquinoline-N-oxide (4-NQO) | 56-57-5 | Bal et al., 1977; Hampsey, 1991; Ohta et al., 2000 |
| Glyoxal | 107-22-2 | Murata-Kamiya et al., 2000; Ohta et al., 2000 |
| Methylglyoxal | 78-98-8 | Murata-Kamiya et al., 2000 |
| 1,2,3,4-Diepoxybutane (DEB) | 1464-53-5 | Kreizinger, 1960; Hampsey, 1991; Lee et al., 2002 |
| Mitomycin C | 50-07-7 | Vig and Paddock, 1968; Levin et al., 1982 |
| 1,1'-dimethyl-4,4'-bipyridinium dichloride (Paraquat) | 1910-42-5 | Yonei et al., 1986; Levin et al., 1982 |
| Methyl methanesulfonate (MMS) | 67-27-3 | Hampsey, 1991; Monaco et al., 1992; Ohta et al., 2000 |
| 5-azacytidine | 320-67-2 | Hampsey, 1991; Ohta et al., 2000 |
| 1,8-Dinitropyrene (1,8-DNPy) | 42397-65-9 | Lambert et al., 1992; Watanabe et al., 1997 |
| Mechlorethamine hydrochloride (Nitrogen Mustard) | 55-86-7 | Gibson et al., 1950; Kunz and Mis, 1989 |
| 3-chloro-4-(dichloromethyl)-5-hydroxy-2(5H)-furanone (MX) | 77439-76-0 | Shaughnessy et al., 2000; Ohta et al., 2000 |
| 2-(2-furyl)-3-(5-nitro-2-furyl)-acrylamide (AF-2) | 3688-53-7 | Fujii, 1980; Ohta et al., 2000 |
| N-Methyl-N-nitrosourethane (NMU) | 615-53-2 | Lee et al., 1977 |
| 2,2'-azobis-2-methyl-propanimidamide (AAPH) | 2997-92-4 | Burcham and Harkin, 1999 |
| Cyclophosphamide | 6055-19-2 | Monaco et al., 1992; Gorelick et al., 1999 |
| Potassium bromate (KBrO ₃) | 7758-01-2 | Arai et al., 2002; Ballmaier and Epe, 2006 |