**Punicalagin and Ellagic Acid Demonstrates Antimutagenic Activity and Inhibition of Benzo[a]pyrene Induced DNA Adducts**

Maryam Zahin1\*, Iqbal Ahmad1, Ramesh Gupta2,4 and Farrukh Aqil2, 3, 5

**Supplementary Materials**

**Table S1.** Characteristics of *Salmonella typhimurium* tester strains.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Strains | Genetic markers | | | | Plasmids | Mutational events |
| Gene effected | DNA repair mutation | LPS | Biotin requirement |
| TA 97a | hisD | uvrB | rfa | bio- | pkM 101 | frameshift |
| TA 98 | hisD | uvrB | rfa | bio- | pkM 101 | frameshift |
| TA 100 | hisG | uvrB | rfa | bio | pkM 101 | base-pair substitution |
| TA 102 | hisG | - | rfa | - | pkM 101 & pAQ1 | transition |
| TA 104 | hisG | uvrB | rfa | bio | pkM 101 | transition |