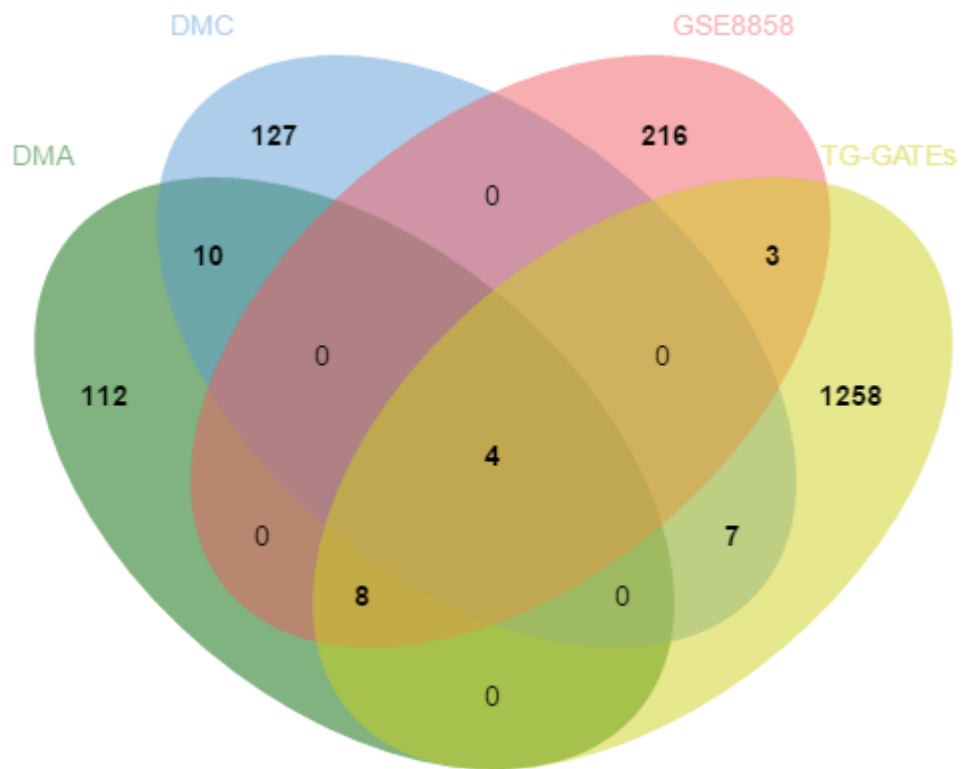# Supplementary Information files

# Supplementary Figure S1. The number of common biomarkers of published studies

| | Fielden et al. 2007 | Liu et al. 2011 | Uehara et al. 2011 | Fielden et al. 2011 | Eichner et al. 2014 | Tung & Cheng 2014 | Yamada et al. 2015 | Masayuki et al. 2016 |
|---|---|---|---|---|---|---|---|---|
| Fielden et al 2007 | 22 | | | | | | | |
| Fielden et al. 2011 | 7 | 90 | | | | | | |
| Uehara et al. 2011 | 1 | 0 | 82 | | | | | |
| Liu et al. 2011 | 1 | 0 | 2 | 35 | | | | |
| Eichner et al. 2014 | 0 | 0 | 3 | 2 | 45 | | | |
| Tung & Cheng 2014 | 0 | 0 | 0 | 0 | 0 | 2 | | |
| Yamada et al. 2015 | 0 | 0 | 0 | 1 | 1 | 0 | 42 | |
| Masayuki et al. 2016 | 0 | 0 | 1 | 1 | 5 | 0 | 0 | 106 |

**Supplementary Figure S2. The number of common DEGs from the microarray datasets**

**Supplementary Datasets**

**Supplementary Table S1. Chemical without inconsistent classification**

**Supplementary Table S2. The average values of consensus biomarkers for four microarray datasets**

**Supplementary Table S3. The dosage and classification of inconsistently classified chemicals**