



Ceger et al.:

Performance of the BG1Luc ER TA Method in a qHTS Format

Supplementary Data

Tab. S1: BG1 manual and qHTS classifications for 64 chemicals with a definitive classification in the BG1 manual method

| Test substance | CASRN | BG1 Manual Classification | BG1 qHTS Classification |
|------------------------------------|------------|---------------------------|-------------------------|
| 2,4,5-trichlorophenoxy-acetic acid | 93-76-5 | NEG | NEG |
| 4-hydroxytamoxifen | 68047-06-3 | NEG | NEG |
| Actinomycin D | 50-76-0 | NEG | NEG |
| Ammonium perchlorate | 7790-98-9 | NEG | NEG |
| Apomorphine | 58-00-4 | NEG | NEG |
| Atrazine | 1912-24-9 | NEG | NEG |
| Bicalutamide | 90357-06-5 | NEG | NEG |
| Corticosterone | 50-22-6 | NEG | NEG |
| Cyproterone acetate | 427-51-0 | NEG | NEG |
| Dibenzo(a,h) anthracene | 53-70-3 | NEG | NEG |
| Finasteride | 98319-26-7 | NEG | NEG |
| Haloperidol | 52-86-8 | NEG | NEG |
| Hydroxyflutamide | 52806-53-8 | NEG | NEG |
| Ketoconazole | 65277-42-1 | NEG | NEG |
| L-thyroxine | 51-48-9 | NEG | NEG |
| Linuron | 330-55-2 | NEG | NEG |
| Medroxy-progesterone acetate | 71-58-9 | NEG | NEG |
| Mifepristone | 84371-65-3 | NEG | NEG |
| Phenobarbital | 50-06-6 | NEG | NEG |
| Pimozide | 2062-78-4 | NEG | NEG |



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| Test substance | CASRN | BG1 Manual Classification | BG1 qHTS Classification |
|--------------------------------|------------|---------------------------|-------------------------|
| Propylthiouracil | 51-52-5 | NEG | NEG |
| Raloxifene HCl | 82640-04-8 | NEG | NEG |
| Reserpine | 50-55-5 | NEG | NEG |
| Sodium azide | 26628-22-8 | NEG | NEG |
| Spirolactone | 52-01-7 | NEG | NEG |
| Vinclozolin | 50471-44-8 | NEG | NEG |
| 2-sec-butylphenol | 89-72-5 | POS | NEG |
| Dicofol | 115-32-2 | POS | NEG |
| Nilutamide | 63612-50-0 | POS | NEG |
| Phenolphthalin | 81-90-3 | POS | NEG |
| Progesterone | 57-83-0 | POS | POS |
| Di- <i>n</i> -butyl phthalate | 84-74-2 | POS | NEG |
| 17- α estradiol | 57-91-0 | POS | POS |
| 17- α ethinyl estradiol | 57-63-6 | POS | POS |
| 17- β estradiol | 50-28-2 | POS | POS |
| 17 β -trenbolone | 10161-33-8 | POS | POS |
| 19-nortestosterone | 434-22-0 | POS | POS |
| 4-cumylphenol | 599-64-4 | POS | POS |
| 4-hydroxyandrostenedione | 566-48-3 | POS | POS |
| 4-tert-octylphenol | 140-66-9 | POS | POS |
| Apigenin | 520-36-5 | POS | POS |
| Bisphenol A | 80-05-7 | POS | POS |
| Bisphenol B | 77-40-7 | POS | POS |
| Butylbenzyl phthalate | 85-68-7 | POS | POS |
| Chrysin | 480-40-0 | POS | POS |
| Coumestrol | 479-13-0 | POS | POS |
| Daidzein | 486-66-8 | POS | POS |
| Diethylstilbestrol | 56-53-1 | POS | POS |
| Estrone | 53-16-7 | POS | POS |
| Ethyl paraben | 120-47-8 | POS | POS |



| Test substance | CASRN | BG1 Manual Classification | BG1 qHTS Classification |
|---------------------------|------------|---------------------------|-------------------------|
| Fenarimol | 60168-88-9 | POS | POS |
| Flavone | 525-82-6 | POS | POS |
| Fluoranthene | 206-44-0 | POS | POS |
| Fluoxymestrone | 76-43-7 | POS | POS |
| Genistein | 446-72-0 | POS | POS |
| Kaempferol | 520-18-3 | POS | POS |
| Kepone | 143-50-0 | POS | POS |
| <i>meso</i> -hexestrol | 84-16-2 | POS | POS |
| Methyl testosterone | 58-18-4 | POS | POS |
| Norethynodrel | 68-23-5 | POS | POS |
| <i>o,p'</i> -DDT | 789-02-6 | POS | POS |
| <i>p,p'</i> -methoxychlor | 72-43-5 | POS | POS |
| <i>p</i> -n-nonylphenol | 104-40-5 | POS | POS |
| Testosterone | 58-22-0 | POS | POS |

CASRN: Chemical Abstracts Service Registry Number; IC: Inconclusive;

NEG: negative; POS: positive.

Table contains positive/negative classifications for the 76 substances tested in common between the BG1 manual and BG1 qHTS assays.