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| Supplementary Table for figure 5b. Average Fold Change on Culture Day 9 in ToxCast treated mESC1 |
| Trt | K0143 | Bmp4 | Nes | Des | Ttr | Myl4 | Myh7 | Gata4 | Abcg2 |
| Propiconazole 5 µM | 0 µM | -1.60±0.37 | -0.29±1.30 | -1.48±0.27 | -1.65±0.12 | -1.33±0.14 | -3.29±0.71 | -1.94±0.37 | -0.54±1.44 |
| Flusilazole 5 µM | 0 µM | -1.68±0.21 | 1.47±0.22 | -2.34±0.32 | -1.33±2.54 | -0.83±1.61 | -10.50±1.00 | -2.85±0.58 | -1.28±0.15 |
| Pyridaben .015 µM | 0 µM | -2.74±1.28 | -0.37±1.32 | -11.18±7.53 | -2.85±5.19 | -2.06±0.67 | -12.42±10.12 | -4.48±3.69 | -0.48±1.31 |
| Rotenone 0.005 µM | 0 µM | -1.38±0.23 | -0.04±1.13 | -1.76±0.27 | 2.71±0.60 | -0.03±1.15 | -1.03±0.93 | 1.46±0.16 | 0.00±1.33 |
| Imazapyr 5 µM | 0 µM | -1.21±0.04 | -1.19±0.19 | -1.33±0.22 | -1.73±0.68 | -1.13±0.07 | -1.42±0.34 | -1.54±0.33 | -0.42±1.27 |
| Propiconazole 25 µM | 0 µM | -1.86±0.74 | 1.66±0.15 | -2.70±0.93 | -0.12±6.08 | -1.88±0.60 | -10.54±0.82 | -1.81±0.55 | 0.33±1.30 |
| Flusilazole 25 µM | 0 µM | -1.80±0.68 | 1.74±0.28 | -2.97±1.43 | -22.69±33.6 | -1.57±0.46 | -13.15±3.74 | -3.96±2.56 | -0.32±1.41 |
| Pyridaben .075 µM | 0 µM | -2.26±0.76 | -1.27±1.08 | -19.55±7.08 | -7.75±7.68 | -3.07±0.40 | -17.08±13.49 | -3.27±2.61 | -2.34±0.46 |
| Rotenone 0.05 µM  | 0 µM | -1.90±0.31 | -0.05±1.11 | -8.86±5.6 | 4.53±3.13 | -2.14±0.39 | -2.51±1.51 | 1.85±0.54 | -1.98±0.57 |
| Imazapyr 25 µM | 0 µM | -1.11±0.02 | -0.22±1.53 | -1.10±0.05 | -0.96±2.02 | -1.10±0.03 | -1.32±0.03 | -0.41±1.48 | 1.15±0.12 |
|  |  |  |  |  |  |  |  |  |  |
| Propiconazole 5 µM | 1 µM | -1.32±0.07 | 1.27±0.17 | -1.23±0.05 | -1.49±0.44 | -1.42±0.44 | -3.04±1.39 | -2.07±0.67 | 0.33±1.30 |
| Flusilazole 5 µM | 1 µM | -1.42±0.16 | 1.59±0.10 | -2.06±0.06 | 0.14±1.57 | -0.75±1.78 | -8.79±3.59 | -2.71±0.99 | -1.25±0.18 |
| Pyridaben .015 µM | 1 µM | -2.37±1.05 | 1.12±0.13 | -10.47±5.93 | -0.50±2.75 | -2.17±0.60 | -11.77±7.27 | -2.01±0.22 | -0.39±1.46 |
| Rotenone 0.005 µM | 1 µM | -0.95±0.81 | 0.05±1.36 | -1.71±0.49 | 2.07±2.89 | -0.36±1.35 | -0.59±1.51 | 1.21±0.94 | 0.07±1.17 |
| Imazapyr 5 µM | 1 µM | -1.10±0.05 | -0.43±1.33 | -0.36±21.22 | -0.84±1.61 | -0.39±1.22 | -0.58±1.47 | -1.19±0.04 | 0.38±1.22 |
| Propiconazole 25 µM | 1 µM | -1.87±0.74 | 1.52±0.33 | -2.73±0.53 | 2.69±1.72 | -2.14±0.84 | -9.96±3.04 | -2.23±1.11 | -1.09±0.09 |
| Flusilazole 25 µM | 1 µM | -1.82±0.59 | 0.81±1.63 | -3.51±1.43 | -3.21±1.14 | -1.62±0.56 | -16.68±4.41 | -5.58±3.16 | -1.21±0.16 |
| Pyridaben .075 µM | 1 µM | -2.34±0.82 | -1.10±0.05 | -20.71±6.46 | -2.94±5.88 | -3.33±0.83 | -18.94±13.00 | -2.93±1.47 | -2.22±0.11 |
| Rotenone 0.05 µM  | 1 µM | -1.75±0.56 | 0.05±1.20 | -7.77±4.49 | 3.17±1.19 | -2.15±0.31 | -3.34±3.07 | 1.40±1.22 | -1.56±0.39 |
| Imazapyr 25 µM | 1 µM | -1.14±0.10 | 0.25±1.45 | -1.25±0.18 | -0.72±1.51 | -0.48±1.29 | -1.43±0.29 | -1.39±0.23 | -1.12±0.06 |

1Values = Mean±SD