

Table S7. Two-way ANOVA of the effect of Yap/Taz inhibitors on the expression level of Yki target genes in 20-day-old male and female flies.

| Substance | Sex | Source of variation | SS | DF | MS | F | p |
|-----------|-----|----------------------|----------|-----|---------|---------|----------|
| VP | ♂ | Gene | 2500.13 | 7 | 357.16 | 645.18 | 0.000000 |
| | | Concentration | 1.43 | 4 | 0.36 | 0.64 | 0.631395 |
| | | Gene × Concentration | 41.82 | 28 | 1.49 | 2.70 | 0.000016 |
| | | Error | 176.04 | 318 | 0.55 | | |
| ML7 | ♂ | Gene | 2223.18 | 7 | 317.60 | 183.427 | 0.000000 |
| | | Concentration | 7.34 | 3 | 2.45 | 1.413 | 0.239536 |
| | | Gene × Concentration | 177.42 | 21 | 8.45 | 4.880 | 0.000000 |
| | | Error | 436.33 | 252 | 1.73 | | |
| CD | ♂ | Gene | 1818.815 | 7 | 259.831 | 261.428 | 0.000000 |
| | | Concentration | 12.744 | 2 | 6.372 | 6.411 | 0.002017 |
| | | Gene × Concentration | 28.694 | 14 | 2.050 | 2.062 | 0.015491 |
| | | Error | 190.827 | 192 | 0.994 | | |
| AI | ♂ | Gene | 1586.51 | 7 | 226.64 | 377.81 | 0.000000 |
| | | Concentration | 0.30 | 2 | 0.15 | 0.25 | 0.777778 |
| | | Gene × Concentration | 5.63 | 14 | 0.40 | 0.67 | 0.801010 |
| | | Error | 114.58 | 191 | 0.60 | | |
| VP | ♀ | Gene | 2149.69 | 7 | 307.10 | 497.34 | 0.000000 |
| | | Concentration | 23.68 | 4 | 5.92 | 9.59 | 0.000000 |
| | | Gene × Concentration | 31.29 | 28 | 1.12 | 1.81 | 0.008564 |
| | | Error | 196.36 | 318 | 0.62 | | |
| ML7 | ♀ | Gene | 1227.88 | 7 | 175.41 | 203.32 | 0.000000 |
| | | Concentration | 8.95 | 3 | 2.98 | 3.46 | 0.017056 |
| | | Gene × Concentration | 20.45 | 21 | 0.97 | 1.13 | 0.317857 |
| | | Error | 220.85 | 256 | 0.86 | | |
| CD | ♀ | Gene | 1127.89 | 7 | 161.13 | 267.66 | 0.000000 |
| | | Concentration | 5.01 | 2 | 2.51 | 4.16 | 0.016996 |
| | | Gene × Concentration | 9.50 | 14 | 0.68 | 1.13 | 0.336278 |
| | | Error | 113.17 | 188 | 0.60 | | |
| AI | ♀ | Gene | 1029.68 | 7 | 147.10 | 238.92 | 0.000000 |
| | | Concentration | 6.97 | 2 | 3.49 | 5.66 | 0.004083 |
| | | Gene × Concentration | 4.54 | 14 | 0.32 | 0.53 | 0.915857 |
| | | Error | 117.59 | 191 | 0.62 | | |

VP – Verteporfin; ML7 – ML-7 hydrochloride; CD – Cytochalasin D; AI – AICAR; ♂ – male; ♀ – female; SS – sum-of-squares; DF – degrees of freedom; MS – mean squares. Results of F-tests: F – F-value and p – p-value.