**Extended Data Figure 4-2**

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| --- | --- | --- | --- |
|  | **Over-expression of *pdfr*** | | |
| **Driver** | **F-statistic** | | ***p*** |
| ***TH-A* *GAL4*** | F2,93 | = 2.9 | 0.06 |
| ***TH-C1 GAL4*** | F2,93 | = 0.21 | 0.8 |
| ***TH-C' GAL4*** | F2,93 | = 0.46 | 0.63 |
| ***TH-D1 GAL4*** | F2,91 | = 12.21 | < 0.0005 |
| ***TH-D' GAL4*** | F2,93 | = 18.76 | < 0.00001 |
| ***TH-D4 GAL4*** | F2,93 | = 9.99 | < 0.0005 |
| ***TH-F2 GAL4*** | F2,91 | = 2.37 | 0.1 |
| ***TH-F3 GAL4*** | F2,76 | = 13.36 | < 0.0005 |
| ***TH-G1 GAL4*** | F2,90 | = 4.06 | < 0.05 |