**Extended Data Figure 4-1**

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|  | **Down-regulation of *pdfr*** |
| **Driver** | **F-statistic** | ***p*** |
| ***TH-A* *GAL4*** | F2,87 | = 3.82 | < 0.05 |
| ***TH-C1 GAL4*** | F2,89 | = 0.13 |  0.87 |
| ***TH-C' GAL4*** | F2,92 | = 2.73 |  0.07 |
| ***TH-D1 GAL4*** | F2,89 | = 6.53 | < 0.005 |
| ***TH-D' GAL4*** | F2,91 | = 26.8 | < 0.00001 |
| ***TH-D4 GAL4*** | F2,76 | = 4.75 | < 0.05 |
| ***TH-F2 GAL4*** | F2,91 | = 0.57 |  0.57 |
| ***TH-F3 GAL4*** | F2,72 | = 14.08 | < 0.00001 |
| ***TH-G1 GAL4*** | F2,88 | = 11.66 | < 0.0005 |