**Extended Data Figure 2-1**

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| --- | --- |
|  | **Down-regulation of *pdfr*** |
| **Driver** | **F-statistic** | ***p*** |
| ***Pdfr (B) GAL4*** | F2,80 | = 3.66 | < 0.05 |
| ***Cry-39 GAL4*** | F2,86 | = 5.89 | < 0.005 |
| ***Dvpdf GAL4*** | F2,82 | = 3.59 | < 0.05 |
| ***Pdf GAL4*** | F2,91 | = 6.18 | < 0 005 |
| ***Clk 9M GAL4*** | F2,66 | = 0.89 |  0.41 |
| ***Clk 4.1M GAL4*** | F2,77 | = 8.87 | < 0.0005 |
| ***Clk 4.5M GAL4*** | F2,67 | = 5.52 | < 0.05 |
|  |   |   |   |
| ***Dilp2 GAL4*** | F2,54 | = 2.47 | 0.09 |
| ***Kurs 45 GAL4*** | F2,73 | = 0.43 | =0.65 |
| ***Kurs 58 GAL4*** | F2,79 | = 2.9 | = 0.06 |
| ***Mai 281 GAL4*** | F2,85 | = 5.03 | < 0.05 |
| ***Mai 301 GAL4*** | F2,82 | = 12.38 | < 0.0005 |
|  |   |   |   |
| ***OK 107 GAL4*** | F2,72 | = 0.98 | = 0.38 |
| ***201y GAL4*** | F2,88 | = 2.02 | = 0.14 |
| ***c309 GAL4*** | F2,87 | = 8.89 | < 0.005 |
| ***c747 GAL4*** | F2,75 | = 4.43 | < 0.05 |
| ***30y GAL4*** | F2,87 | = 21.39 | < 0.00001 |
|  |
| ***121y GAL4*** | F2,80 | = 13.24 | < 0.0005 |
| ***104y GAL4*** | F2,69 | = 3.87 | < 0.05 |
| ***c5 GAL4*** | F2,69 | = 6.37 | <0.005 |
| ***c119 GAL4*** | F2,85 | = 12.29 | < 0.0005 |
| ***c232 GAL4*** | F2,89 | = 6.69 | < 0.005 |
|  |
| ***Ddc GAL4*** | F2,90 | = 4.87 | < 0.05 |
| ***TH GAL4*** | F2,89 | = 6.53 | < 0.005 |
| ***Tdc2 GAL4*** | F2,64 | = 4.3 | < 0.05 |
| ***Npf GAL4*** | F2,91 | 2.8 | = 0.07 |