**Supplementary File 4. ANOVA test statistics.**

|  |  |  |
| --- | --- | --- |
| **IPTG [mM]** | **F(DFn, DFd)** | **P value** |
| 0 | F2,24=1.957 | P=0.1632 |
| 0.1 | F2,24=14.87 | P<0.0001 |
| 0.2 | F2,24=13.08 | P=0.0001 |
| 0.3 | F2,18=22.53 | P<0.0001 |
| 0.4 | F2,21=7.345 | P=0.0038 |
| 1 | F2,24=4.500 | P=0.0219 |