|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Condition** | **Treatment** | **Timing** | **H value** | **p value** |
| MOR vs MOR+GPR88 | no PTX | 1 min | H1,10=5.8 | 0.0163 |
| MOR vs MOR+GPR88 | no PTX | 5 min | H1,9=0.06 | 0.8065 |
| MOR vs MOR+GPR88 | no PTX | 10 min | H1,9=6.0 | 0.0143 |
| MOR vs MOR+GPR88 | no PTX | 15 min | H1,9=6.0 | 0.0143 |
| MOR vs MOR+GPR88 | no PTX | 20 min | H1,8=5.0 | 0.0253 |
| MOR vs MOR+GPR88 | no PTX | 30 min | H1,8=0.33 | 0.5637 |
| MOR vs MOR+GPR88 | no PTX | 60 min | H1,8=3.0 | 0.0833 |
| MOR vs MOR+GPR88 | PTX | 1 min | H1,8=1.3 | 0.2482 |
| MOR vs MOR+GPR88 | PTX | 5 min | H1,9=6.0 | 0.0143 |
| MOR vs MOR+GPR88 | PTX | 10 min | H1,9=2.9 | 0.0864 |
| MOR vs MOR+GPR88 | PTX | 15 min | H1,9=4.9 | 0.0275 |
| MOR vs MOR+GPR88 | PTX | 20 min | H1,8=3.0 | 0.0833 |
| MOR vs MOR+GPR88 | PTX | 30 min | H1,10=6.9 | 0.009 |
| MOR vs MOR+GPR88 | PTX | 60 min | H1,8=5.0 | 0.0253 |

Supplementary File 1: Statistical analysis of Western blotting data from *in vitro* experiments (Kruskal-Wallis ANOVA)