

| Supplementary Table 1 | | | | | | |
|--------------------------------|---------------------|--------|---------------------|--------|---------------------|--------|
| | Cocaine factor | | PLX3397 factor | | Interaction | |
| GDNF <i>Striatum</i> | F _(1,21) | p | F _(1,21) | p | F _(1,21) | p |
| Two-way ANOVA | 0.76 | 0.3920 | 0.18 | 0.6720 | 1.10 | 0.3051 |
| GDNF <i>HIP</i> | F _(1,22) | p | F _(1,22) | p | F _(1,22) | p |
| Two-way ANOVA | 2.04 | 0.1666 | 0.59 | 0.4489 | 0.36 | 0.5501 |
| GDNF <i>PFC</i> | F _(1,22) | p | F _(1,22) | p | F _(1,22) | p |
| Two-way ANOVA | 12.46 | 0.0019 | 0.36 | 0.5498 | 0.30 | 0.5891 |
| NGF <i>Striatum</i> | F _(1,23) | p | F _(1,23) | p | F _(1,23) | p |
| Two-way ANOVA | 0.02 | 0.8870 | 0.001 | 0.9696 | 2.04 | 0.1665 |
| NGF <i>HIP</i> | F _(1,20) | p | F _(1,20) | p | F _(1,20) | p |
| Two-way ANOVA | 0.002 | 0.9872 | 0.005 | 0.9438 | 0.31 | 0.5827 |
| NGF <i>PFC</i> | F _(1,15) | p | F _(1,15) | p | F _(1,15) | p |
| Two-way ANOVA | 7.19 | 0.0171 | 0.03 | 0.8449 | 3.21 | 0.0930 |

Abbreviations: HIP: hippocampus; NA core: nucleus accumbens core; NA shell: nucleus accumbens shell; PFC: prefrontal cortex