



Table S1. The intensity ratio of bands in Western blot experiments.

| Treatment | Band intensity | | Intensity ratio | Protein abundance |
|--|----------------|---------------------------------|---------------------------------------|-------------------|
| | CASP3 | β-Actin | CASP3/β-Actin | |
| Control | 341270 | 443888 | 0.77 | 1.00 |
| P4 (1 \times 10 ⁻³ μ M) | 404782 | 422473 | 0.96 | 1.25 |
| P4 (10 μ M) | 399211 | 394300 | 1.01 | 1.32 |
| | BAX | β-Actin | BAX/β-Actin | |
| Control | 124535 | 328084 | 0.38 | 1.00 |
| P4 (1 \times 10 ⁻³ μ M) | 95207 | 357027 | 0.27 | 0.70 |
| P4 (10 μ M) | 143740 | 342786 | 0.42 | 1.10 |
| | CCND2 | β-Actin | CCND2/β-Actin | |
| Control | 222318 | 312558 | 0.71 | 1.00 |
| P4 (1 \times 10 ⁻³ μ M) | 218436 | 354039 | 0.62 | 0.87 |
| P4 (10 μ M) | 150739 | 336999 | 0.45 | 0.63 |
| | CYP11A1 | GAPDH | CYP11A1/GAPDH | |
| Control | 22345 | 351696 | 0.06 | 1.00 |
| P4 (1 \times 10 ⁻³ μ M) | 15654 | 325300 | 0.05 | 0.76 |
| P4 (10 μ M) | 25199 | 348850 | 0.07 | 1.14 |
| | CYP19A1 | GAPDH | CYP19A1/GAPDH | |
| Control | 24644 | 380156 | 0.06 | 1.00 |
| P4 (1 \times 10 ⁻³ μ M) | 21838 | 358194 | 0.06 | 0.94 |
| P4 (10 μ M) | 33146 | 311988 | 0.11 | 1.64 |
| | StAR | β-Actin | StAR/β-Actin | |
| Control | 23793 | 344203 | 0.07 | 1.00 |
| P4 (1 \times 10 ⁻³ μ M) | 27193 | 287971 | 0.09 | 1.37 |
| P4 (10 μ M) | 41507 | 285052 | 0.15 | 2.11 |