

Table S5 Power and type-II (beta) error calculations on infarct volumes as depicted in Figure 4b.

| | WT Apocynin | WT VAS2870 | NOX4^{-/-} | NOX4^{-/-} VAS2870 | NOX4^{-/-} H₂O₂ |
|--------------------------|------------------------|-----------------------|---------------------------|---------------------------------------|--|
| N | 10 | 7 | 10 | 7 | 9 |
| SD (mm ³) | 23.7 | 4.0 | 14.5 | 6.9 | 33.9 |
| Delta (mm ³) | 28.7 | 28.7 | 28.7 | 28.7 | 28.7 |
| Power (%) | 82 | 99 | 99 | 99 | 70 |
| Type II error (%) | 18 | 1 | 1 | 1 | 30 |

Abbreviations: N, animal numbers; SD, standard deviation; WT, wild-type.