

| Ploidy | Control | ST DEV (±) | Nox2 KO | ST DEV (±) |
|---------------|----------------|-------------------|----------------|-------------------|
| 2n | 24.35 | 3.096 | 18.24 | 1.6 |
| 4n | 9.31 | 1.25 | 6.19 | 1.28 |
| 8n | 9.84 | 0.83 | 8.61 | 4.67 |
| 16n | 35.74 | 1.53 | 40.64 | 3.12 |
| 32n | 12.88 | 3 | 19.31 | 7.8 |
| 64n | 1.73 | 0.47 | 1.65 | 0.58 |

Nox2 KO= NADPH oxidase 2 Knockout

Wt= Wild type

ST DEV= Standard Deviation.

Subgroups were compared using *t*-test., n=4. No significant difference was found (p> 0.05).