|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Control** | **Compared to** | **Oocyte** | **rank on plot** | **Nurse Cell** | **rank on plot** |
| Wildtype | p53A-B- | <0.0001 | \*\*\*\* | <0.0001 | \*\*\*\* |
| Wildtype | p53A-B+ | 0.0047 | \*\* | 0.0104 | \* |
| Wildtype | p53A+B- | <0.0001 | \*\*\*\* | <0.0001 | \*\*\*\* |
| Wildtype | okra- | <0.0001 | \*\*\*\* | <0.0001 | \*\*\*\* |
| Wildtype | okra-; p53A-B- | <0.0001 | \*\*\*\* | <0.0001 | \*\*\*\* |
| Wildtype | okra-; p53A-B+ | <0.0001 | \*\*\*\* | x0.9995 | ns |
| Wildtype | okra-; p53A+B- | <0.0001 | \*\*\*\* | <0.0001 | \*\*\*\* |
| p53A-B- | okra-; p53A-B- | 0.1239 | ns | 0.9102 | ns |
| p53A-B+ | okra-; p53A-B+ | <0.0001 | \*\*\*\* | 0.555 | ns |
| p53A+B- | okra-; p53A+B- | <0.0001 | \*\*\*\* | <0.0001 | \*\*\*\* |
| okra- | okra-; p53A-B- | 0.0026 | \*\* | 0.795 | ns |
| okra- | okra-; p53A-B+ | 0.1334 | ns | <0.0001 | \*\*\*\* |
| okra- | okra-; p53A+B- | 0.009 | \*\* | <0.0001 | \*\*\*\* |

Supplementary File 2. ANOVA p value comparisons among genotypes for mean g-H2AV intensity in stage 1 oocytes and nurse cells.1

1: Two-way ANOVAs were performed with pairwise adjusted p values computed through a Tukey test using GraphPad Prism (version 9.1.2). Related to Figure 6-figure supplement 2.