|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Pairwise Analysis of RNA-Seq Data**  **% Allelic Expression from Paternal-X – Welch’s Two Tailed T-test** | | | | | |
|  | *Eed*fl/fl | *Eed*fl/- | *Eed*-/- | *Eed*m-/- | *Eed*mz-/- |
| *Eed*fl/fl |  |  |  |  |  |
| *Eed*fl/- | 0.42 |  |  |  |  |
| *Eed*-/- | 0.83 | 0.63 |  |  |  |
| *Eed*m-/- | **0.001** | **0.002** | **0.03** |  |  |
| *Eed*mz-/- | **0.04** | **0.005** | **0.01** | **0.02** |  |
|  |  |  |  |  |  |
| **Normalized Allelic Expression from Paternal-X**  **Student’s Two-tailed T-test** | | | | | |
|  | *Eed*fl/fl | *Eed*fl/- | *Eed*-/- | *Eed*m-/- | *Eed*mz-/- |
| *Eed*fl/fl |  |  |  |  |  |
| *Eed*fl/- | 0.42 |  |  |  |  |
| *Eed*-/- | 0.83 | 0.63 |  |  |  |
| *Eed*m-/- | **0.001** | **0.002** | **0.03** |  |  |
| *Eed*mz-/- | **0.04** | **0.005** | **0.02** | **0.02** |  |
|  |  |  |  |  |  |
| **Normalized Allelic Expression from Maternal-X**  **Student’s Two-tailed T-test** | | | | | |
|  | *Eed*fl/fl | *Eed*fl/- | *Eed*-/- | *Eed*m-/- | *Eed*mz-/- |
| *Eed*fl/fl |  |  |  |  |  |
| *Eed*fl/- | 0.74 |  |  |  |  |
| *Eed*-/- | 0.71 | 0.96 |  |  |  |
| *Eed*m-/- | **0.03** | 0.05 | **0.04** |  |  |
| *Eed*mz-/- | **0.002** | 0.09 | 0.08 | 0.53 |  |
|  |  |  |  |  |  |