Basic statistics Comparison between Frozen Gene dataset and Maker annotation :

|  |  |  |
| --- | --- | --- |
| Number of | Frozen Gene Dataset | Maker annotation |
| Genes | 30776 | 11285 |
| Exons | 145385 | 74868 |
| CDS | 143218 | 72731 |
| Introns | 114575 | 63630 |
| 3’ UTR | 7961 | 7836 |
| 5’ UTR | 7219 | - |

|  |  |  |
| --- | --- | --- |
| Number of exon/gene | Frozen Gene Dataset | Maker annotation |
| One | 171 | 5090 |
| Two | 1055 | 4769 |
| Three | 1584 | 4769 |
| Four | 1604 | 3739 |
| Five + | 6871 | 11817 |