**Table S3. Gene model statistics**

|  |  |
| --- | --- |
| Genes Total | 14,889 |
| Alternative spliced genes | 5,333 (35.82%) |
| Complete Genes (5'M-3'\*) | 14,682 (98.61%) |
| Average Gene length (bp) | 2,217 |
| Gene Size a (bp) | 32,404,000 |
| Transcripts Total | 23,633 |
| Average Transcripts length (bp) | 2,314 |
| Exons per transcript | 6.7 |
| Proteins Total | 23,633 |
| Average Protein length (aa) | 451 |

a The gene size means the bp number occupied on the genome sequences by all genes.