

README

This folder contains *S. spontaneum* AP85-441 annotation released in Jan 03, 2019.

1. **Sspon.alleleTable20190103.csv** □

This file is allelic annotation of the sugarcane genome. Each line indicates a gene with defined alleles and duplicated genes. Alleles are labeled with $-nX$, where n represents the order of alleles and X indicates haplotype ID, ranging from A to D. Tandem duplicated genes are labeled with $-nT$ and dispersed duplicated genes with $-nP$, where n represents the n th of tandem/dispersed duplicated genes.

2. **Sspon.v20190103.cds.fasta**

This file contains coding sequences of 35,519 genes with 83,826 alleles.

3. **Sspon.v20190103.gene.fasta** □

This file contains gene sequences of 35,519 genes with 83,826 alleles.

4. **Sspon.v20190103.gff3** □

This file contains information of the annotated gene models, including chromosome location, direction. UTR, CDS, exon, etc..

5. **Sspon.v20190103.protein.fasta**

This file contains predicted proteins of 35,519 genes with 83,826 alleles.