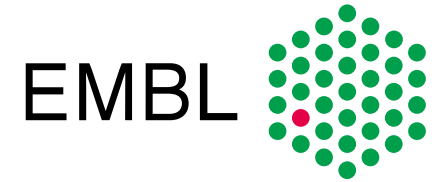


Genome Annotation Report

Report generated: 2025-11-06



The {species_name} genome assembly [GCF_902655055.1](#) was annotated by {facility/organisation/contact}. This annotation includes [4878](#) transcribed mRNAs from [4878](#) genes. The average transcript length is [1852.35649856499](#) bp, with an average of [1](#) coding transcripts per gene and [1.6](#) exons per transcript. The annotation file is available at {url}.

Summary

Number of genes: 4878
Number of transcripts: 4878
Mean transcript length: 1852.36 bp
Mean transcripts per gene: 1
Mean exons per transcript: 1.6
BUSCO summary: C:98.0%[S:97.6%,D:0.4%],F:0.6%,M:1.4%,n:1706
BUSCO lineage dataset: ascomycota_odb10
BUSCO mode: euk_genome_met

Metadata

Taxon ID	{taxon_id}
Species name	{species_name}
ToL prefix	mLutLut
Assembly accession	GCF_902655055.1

BUSCO Full Stats

Version:	5.4.3
Lineage dataset:	ascomycota_odb10
Mode:	euk_genome_met
One line summary:	C:98.0%[S:97.6%,D:0.4%],F:0.6%,M:1.4%,n:1706
Complete BUSCOs:	98%
Single-copy:	97.6%
Duplicated:	0.4%
Fragmented:	0.6%
Missing:	1.4%
Total markers:	1706

AGAT Full Stats

Counts

Genes:	4878
Transcripts:	4878
Exons:	7764
CDS:	4878
Introns:	2886
Single exon genes:	3006
Single exon transcripts:	3006

Mean Ratios

Transcripts per gene:	1
------------------------------	---

Exons per transcript:	1.6
Exons per CDS:	1.6
CDS per transcript:	1
Introns per transcript:	0.6

Mean Lengths (bp)

Gene:	1852.36
Transcript:	1852.36
Exon:	474.45
CDS:	755.14
Intron:	1854.54

Median Lengths (bp)

Gene:	747
Transcript:	747
Exon:	372
CDS:	372
Intron:	197.5

Total Lengths (bp)

Genes:	9035795
Transcripts:	9035795
Exons:	3683592
CDS:	3683592
Introns:	5352203

Longest Features (bp)

Gene:	176339
Transcript:	176339
Exon:	3851
CDS:	6429
Intron:	59934

Shortest Features (bp)

Gene:	201
Transcript:	201

OMARK Full Stats