

# 大量遺伝情報研究室・中村研

🎧 いろいろな生物種の全ゲノム解析



**Citrus unshiu**  
(温州ミカン 360 Mbp)



**Eustoma grandiflorum**  
(トルコギキョウ 1.4 Gbp)



**Marchantia polymorpha**  
(基部陸上植物・ゼニゴケ 220 Mbp)



他

**Felis catus**  
(イエネコ 2.5 Gbp)



**Nitzschia spp.** (光合成をやめて  
しまった珪藻 30-60 Mb)



ynlab.info  
研究室サイト



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## 📍 ウェブツール・データベース開発



**MarpoIBase**  
Genome Database for *Marchantia polymorpha*

Q: *Marchantia* Gene Info  
MarTak1 v5.1

Genome Browser

Gene Nomenclature

Analytical Tools

Utility Tools

Marchantia Literature Archives

### *Marchantia polymorpha*

### ゼニゴケゲノムデータベース



**Cats-I: Cats' genome Informatics**  
Genome database for *Felis catus*

This web site contains genomic data obtained from the study for "Animals 1.0: A high-quality chromosome-scale assembly of a domestic cat *Felis catus* of American Shorthair breed" (Jabe, Matsumoto, Chung, Sakamoto, et al. *BioRxiv*, 2020).

Archive *Felis catus* 2

Keyword Search

Our cat

Name	Senza
Breed	American Shorthair
Sex	Female
Genome sizes	20 sequences (19 chromosomes + 1 unplaced) 2.49 Gbp in total

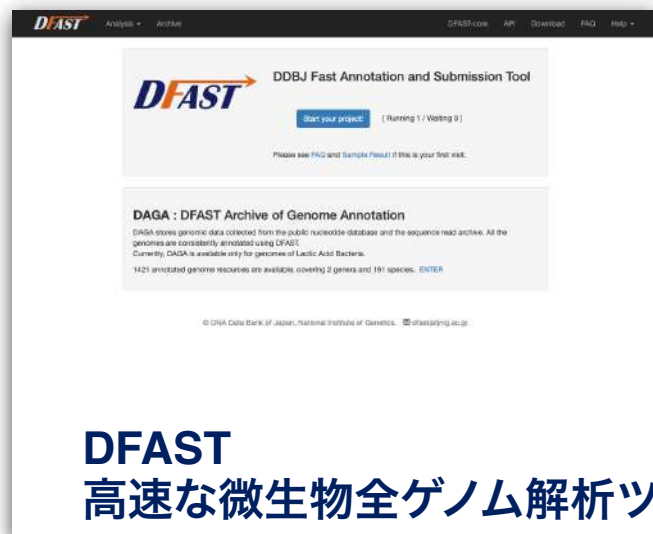
Assembly and annotation version

Citation

Inquiries

### *Felis catus*

### イエネコゲノムデータベース



**DFAST** Archive of Genome Annotation

DBJ Fast Annotation and Submission Tool

Start your project

DAGA : DFAST Archive of Genome Annotation

DAGA stores genomic data collected from the public nucleotide databases and the sequence read archive. All the genomes are consistently annotated using DFAST.

1421 annotated genome resources are available, covering 2 genera and 191 species.

### DFAST

### 高速な微生物全ゲノム解析ツール

tayo.jp  
研究室案内

researchmap.jp  
論文リスト

