

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)



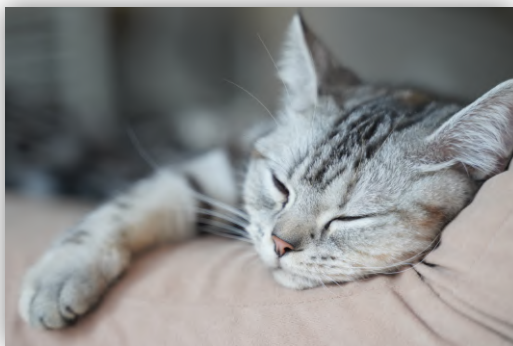
Eustoma grandiflorum
(トルコギキョウ 1.4 Gbp)



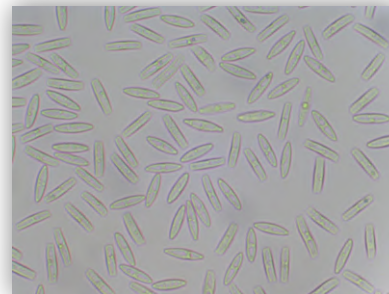
Marchantia polymorpha
(基部陸上植物・ゼニゴケ 220 Mbp)



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)



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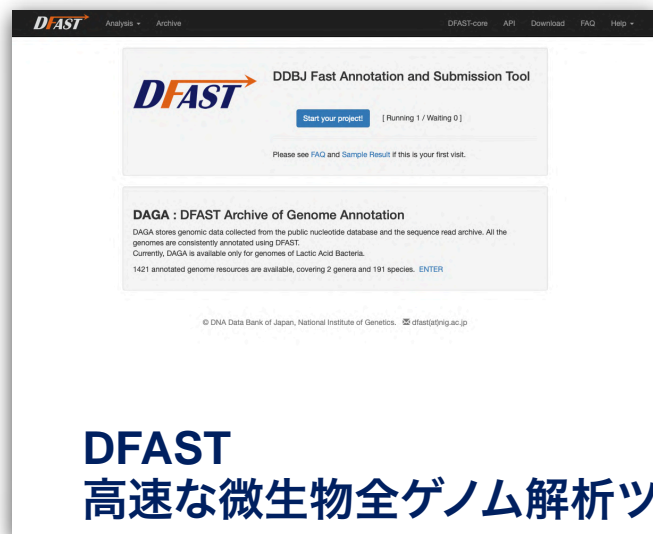
ウェブツール・データベース開発



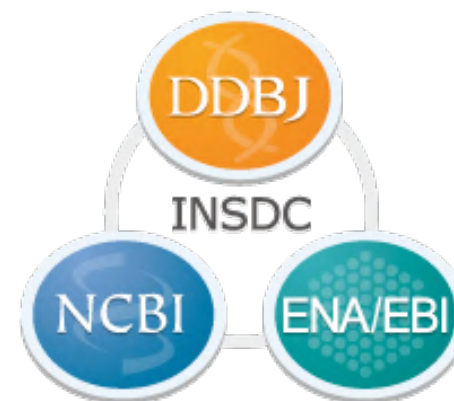
The screenshot shows the MarpoIBase website, which is the genome database for *Marchantia polymorpha*. The page features a search bar, navigation tabs (GENOME BROWSER, TOOLS, NOMENCLATURE, ARCHIVES, DOWNLOAD), and a sidebar with various tools like BLAST similarity search, GMAP, and CRISPR/Cas9 system. The main content area includes sections for 'What's new', 'Gene Nomenclature', and 'Analytical Tools'. A large blue banner at the bottom of the screenshot reads 'Marchantia polymorpha ゼニゴケゲノムデータベース'.



The screenshot shows the Cats-I website, which is the genome database for *Felis catus*. The page features a search bar, navigation tabs (Genome browser, Tools, Download), and a sidebar with various tools like BLAST similarity search, GMAP, and CRISPR/Cas9 system. The main content area includes sections for 'What's new', 'Gene Nomenclature', and 'Analytical Tools'. A large blue banner at the bottom of the screenshot reads 'Felis catus イエネコゲノムデータベース'.



The screenshot shows the DFAST website, which is the DDBJ Fast Annotation and Submission Tool. The page features a search bar, navigation tabs (Analysis, Archive), and a sidebar with various tools like BLAST similarity search, GMAP, and CRISPR/Cas9 system. The main content area includes sections for 'What's new', 'Gene Nomenclature', and 'Analytical Tools'. A large blue banner at the bottom of the screenshot reads 'DFAST 高速な微生物全ゲノム解析ツール'.



DDBJ 塩基配列データバンク