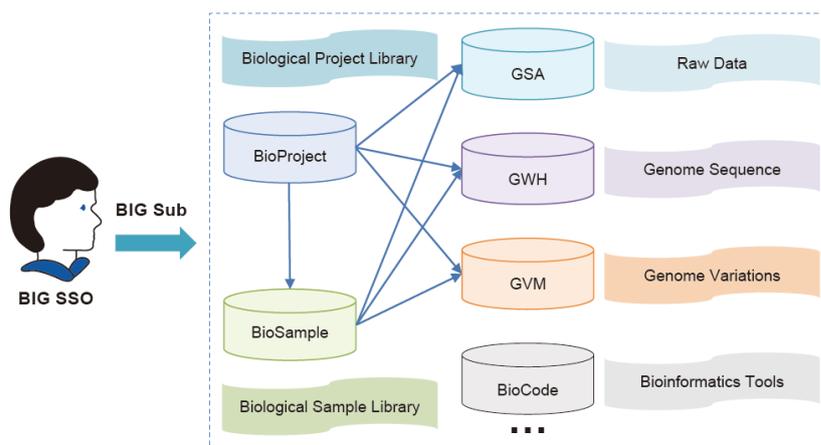


BIG Submission Quick Start Guide

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Introduction

The BIG Submission (BIG Sub) is a unified submission portal providing submission services for a variety of database resources of the BIG Data Center. Facilitated by the BIG Single Sign-On (BIG SSO), BIG Sub allows users to submit data using a unified interface, delivering a one-stop service for data submission to BioProject, BioSample, BioCode, Genome Sequence Archive, Genome Warehouse and Genome Variation Map.



Login to the BIG Submission Portal

Login to the BIG Submission (BIG Sub, <https://bigd.big.ac.cn/gsub/>): Click the “**login**” tab, and then login. If you do not have an account already, click the “**Register**” tab to create one (see Figure below). If you have any problems about your account usage, please contact bigd-admin@big.ac.cn for assistance.





Register Form

Account Login Information

Email*

Password*

Confirm password

Personal Information

First Name*

Middle Name

Last Name*

Street Address*

City*

State/Province

Postal Code*

Country

Institutional Information

Institute/Organization*

Department*

Lab

Title/Position

Research area

Quick Start Guide

The screenshot displays the BIG Sub Submission Portal interface. At the top, there is a navigation bar with links for Databases, Tools, Standards, Publications, About, and Sign in. The main header features the BIG Sub logo and the text 'BIG Submission Portal', along with language selection buttons for '中文' and 'English'. Below the header, a secondary navigation bar includes 'Home', 'Documents', 'Data Manager', and a user profile 'Welcome, Zhang'. The main content area is titled 'Select a data type to be submitted' and includes links for 'BIG Sub Quick Start Guide(US)' and 'BIG Sub Quick Start Guide(CN)'. A descriptive paragraph states: 'The BIG Submission (BIG Sub) is a unified submission portal. It facilitates users to submit data in a single place and accordingly delivers a one-stop service for data submission to BioProject, BioSample, Genome Sequence Archive, Genome Warehouse, Genome Variation Map and BioCode.' Below this, six colored boxes represent different data types: BioProject (blue), BioSample (green), Genome Sequence Archive (GSA) (dark green), Genome Warehouse (GWH) (brown), Genome Variation Map (GVM) (teal), and BioCode (grey). Each box contains a brief description and a small icon.

BioProject Submission Portal

The BioProject database, designed in compliance with the INSDC standards, serves as an organizational framework to provide a centralized access to descriptive metadata about research projects, ranging from genomic, transcriptomic, epigenomic and metagenomic sequencing efforts to genome-wide association studies and variation analyses. If you want to submit data to Genome Sequence Archive, Genome Warehouse, or Genome Variation Map, please enter into the BioProject submission portal to 'Create BioProject' for the research first. If you have any problems during your submission, please contact gsa@big.ac.cn for assistance.

BioProject

BioSample Submission Portal

The BioSample database, also designed under the INSDC standards, provides structured and indexed descriptive information on biological samples. BioSample also provides reciprocal links to BioProject as well as other relevant database resources, facilitating sample search in different databases. BioSample features batch submission, accepting more types, for example, for metagenome. If you have any problems during your submission, please contact gsa@big.ac.cn for assistance.

BioSample

GSA Submission Portal

The Genome Sequence Archive (GSA) is a data repository for archiving raw sequence reads. It accepts data submissions from all over the world and provides free access to all publicly available data for global scientific communities. If you want to submit raw sequence reads data, please enter into the GSA submission portal to 'Create GSA'. If you have any problems during your submission, please contact gsa@big.ac.cn for assistance.

NGDC Databases Tools Standards Publications About Sign in

BIG Sub
BIG Submission Portal

Home Documentation Data Manager Welcome, Zhang

BIG Sub / GSA

GSA is a data repository specialized for archiving raw sequence reads. Before creating a new GSA submission, you must create a BioProject (an overall description of a single research initiative) in [BioProject submission portal](#).

Notice: Data belonging to the same BioProject should be submitted to a single GSA. If a BioProject includes multiple **Sample types**, such as the case in [PRJCA001357](#), data belonging to this BioProject should be submitted to a series of GSAs created based on the Sample types.

[How to share and release GSA dataset](#)

Create GSA GSA Quick Start Guide (US) GSA Quick Start Guide (CN) **GSA**

GWH Submission Portal

The Genome Warehouse (GWH) is a public repository housing genome-scale data for a wide range of species and delivering a series of web services for genome data submission, storage, release and sharing. It provides important data resources for comparative genome analysis, molecular breeding and other researches. If users want to submit genome assembly data, please enter into the GWH submission portal to create a 'New Submission'. If you have any problems during your submission, please contact gwh@big.ac.cn for assistance.

BIGD Databases Tools Standards Publications About Sign in

Genome Warehouse

Home Browse Download Submission Documents Welcome, thangss@big.ac.cn

GWH Find an assembly

e.g., panda; TKS; Manihot esculenta; SAMC012932; PRJCA000437; GWHAAAA00000000

New Submission

GVM Submission Portal

The Genome Variation Map (GVM) is a public data repository of genome variations, including single nucleotide polymorphisms and small insertions and deletions, with particular focuses on human as well as cultivated plants and domesticated animals. If users want to submit genome variation data, please enter into the GVM submission portal to create a 'New Submission'. If you have any problems during your submission, please contact gvm@big.ac.cn for assistance.

BioCode Submission Portal

BioCode is a centralized repository archiving bioinformatics tool that codes for open source projects. It not only hosts a wide range of bioinformatics codes developed for different data analysis purposes, but also collects a variety of metadata information for each tool. If the users want to submit a bioinformatics software, please submit it through the BioCode submission portal.