EURL-AR hub

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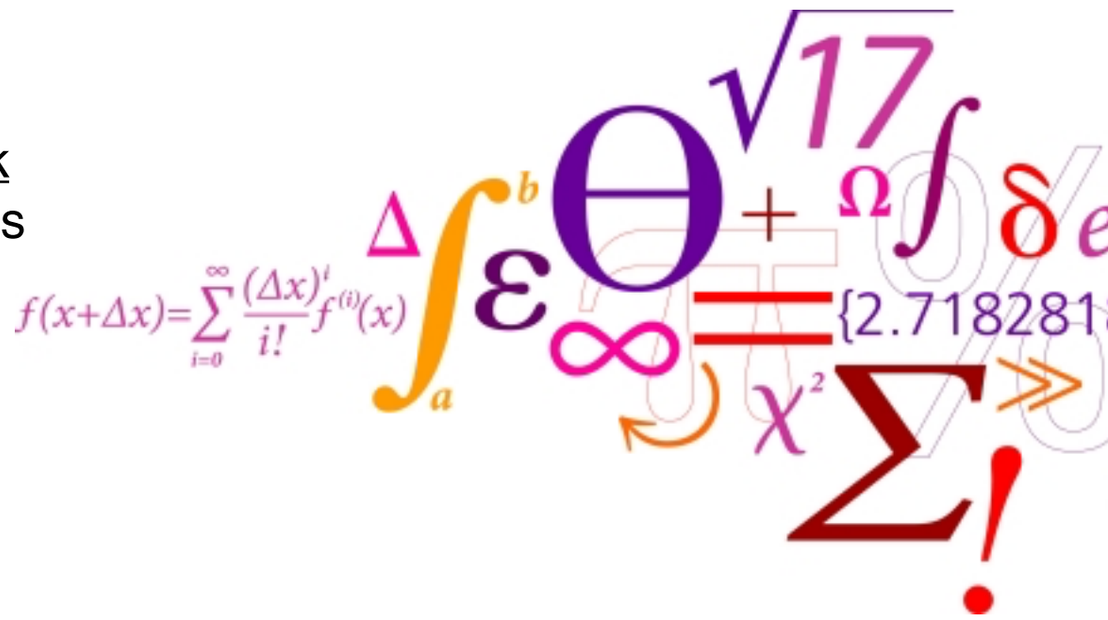
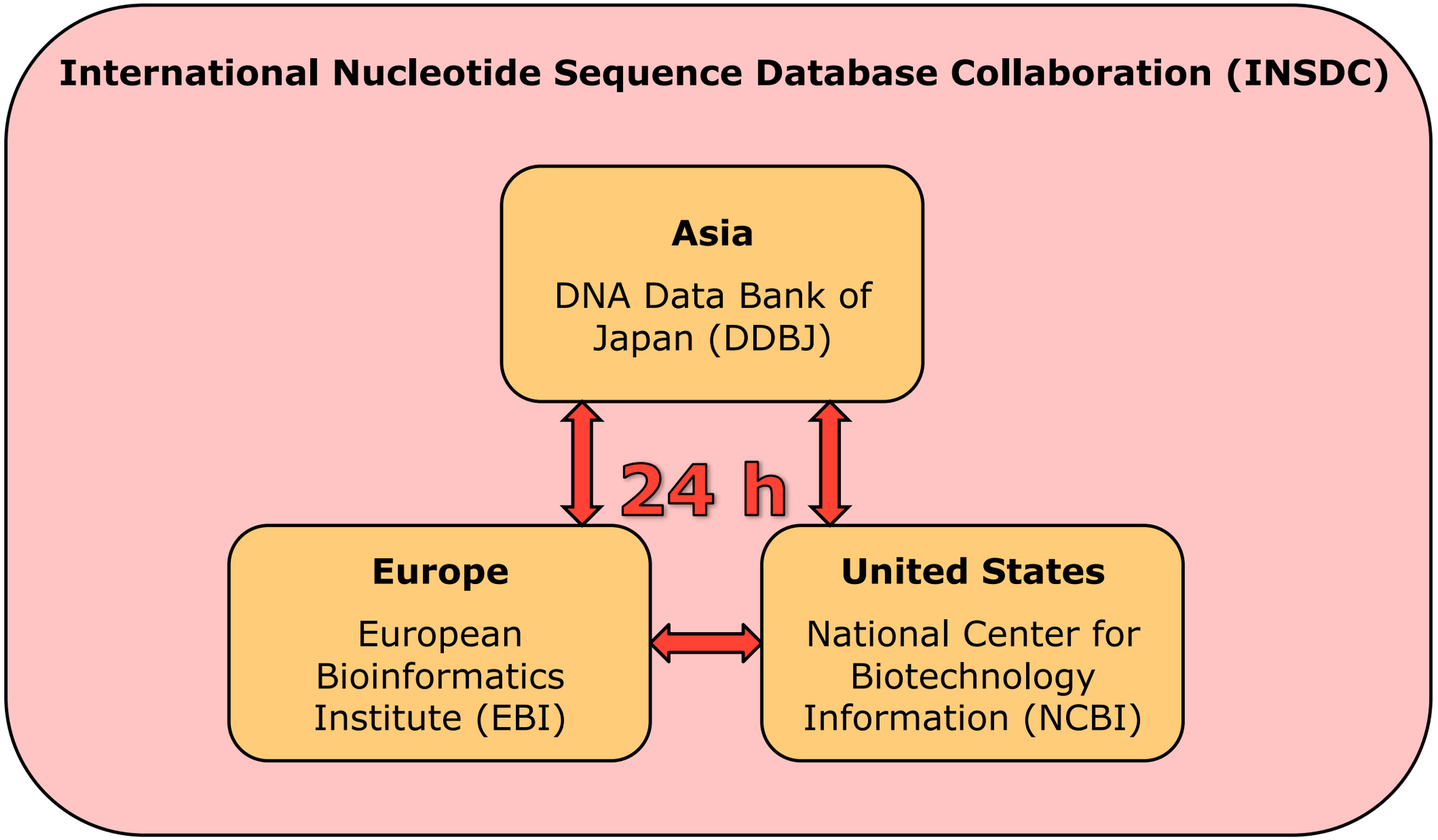


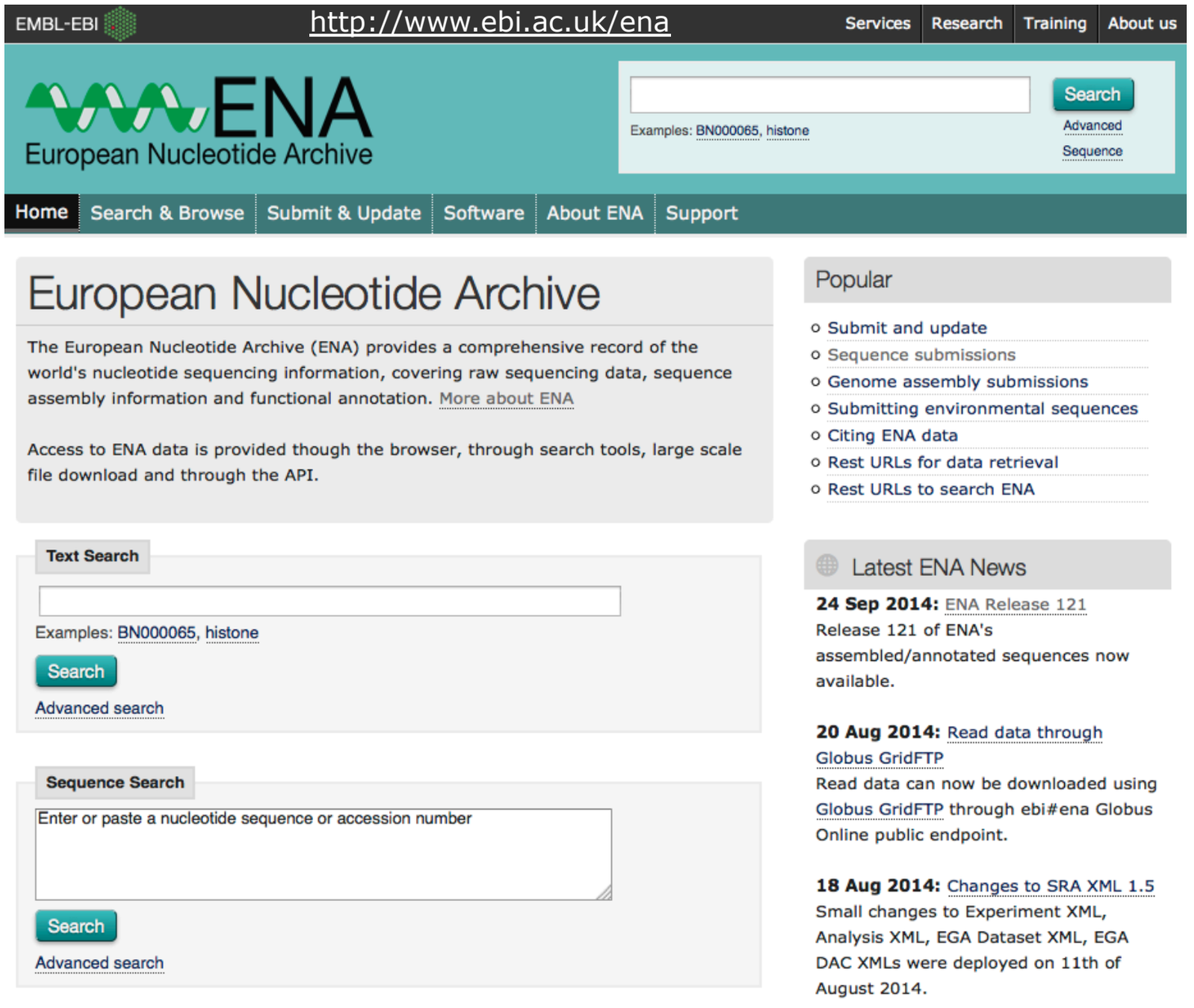
EURL-AR Training course 2018

Data storage & Access



Data storage & Access

European Bioinformatics Institute (EBI)



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ENA

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NEWS AND ANNOUNCEMENTS

CRAM toolkit 0.7 released
7 Mar 2012

CRAM toolkit 0.7 has been released. More information with download, installation and usage instructions are available here.

The future of sequence archiving
2 Mar 2012

Future of sequence archiving and the role of data compression is explored in a new paper from EBI to be published in Gigascience.

European Nucleotide Archive

The European Nucleotide Archive (ENA) provides a comprehensive record of the world's nucleotide sequencing information, covering raw sequencing data, sequence assembly information and functional annotation ... more

Access to ENA data is provided though the browser, through search tools, large scale file download and through the API.

ENA
European Nucleotide Archive

Text search

Enter search query, for example: BN000065 Search

Sequence Search Advanced Search

Enter or paste a nucleotide sequence or accession number

Search

www.ebi.ac.uk/ena/

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EBI Search

PRJEB22091

Examples: VAV_HUMAN , tpi1 , Sulston ...

Build Query

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EMBL-EBI to be HTTPS by default from 1st October

On the 1st October the majority of services hosted on www.ebi.ac.uk will be served over HTTPS by default. Services that are becoming HTTPS by default will automatically redirect users accessing the site on insecure HTTP URLs to secure HTTPS URLs.
Users of EMBL-EBI services may wish to update links, bookmarks or API clients to use the HTTPS URLs.

Search results for ***PRJEB22091***

Showing **15** results out of **129** in All results

Filter your results

Source

All results (129)
Nucleotide sequences (129)

Nucleotide sequences (129 results)

PRJEB22091
Danmap 2016

Related data
Source: Study
ID: PRJEB22091

Navigation | Read Files | Portal | Attributes

Bulk Download Files ⚠ (Please use Firefox to launch the bulk downloader app.)

Download: 1 - 127 of 127 results in TEXT

Select columns

Showing results 1 - 10 of 127 results

Study accession	Sample accession	Secondary sample accession	Experiment accession	Run accession	Tax ID	Scientific name	Instrument model	Library layout	FASTQ files (FTP)	FASTQ files (Galaxy)	Submitted files (FTP)	Submitted files (Galaxy)	NCBI SRA file (FTP)	NCBI SRA file (Galaxy)	CRAM Index files (FTP)	CRAM Index files (Galaxy)
PRJEB22091	SAMEA104205896	ERS1864914	ERX2148098	ERR2091304	562	Escherichia coli	Illumina MiSeq	PAIRED	File 1 File 2	File 1 File 2	Fastq file 1 Fastq file 2	Fastq file 1 Fastq file 2	File 1	File 1		
PRJEB22091	SAMEA104205897	ERS1864915	ERX2148099	ERR2091305	562	Escherichia coli	Illumina MiSeq	PAIRED	File 1 File 2	File 1 File 2	Fastq file 1 Fastq file 2	Fastq file 1 Fastq file 2	File 1	File 1		
PRJEB22091	SAMEA104205898	ERS1864916	ERX2148100	ERR2091306	562	Escherichia coli	Illumina MiSeq	PAIRED	File 1 File 2	File 1 File 2	Fastq file 1 Fastq file 2	Fastq file 1 Fastq file 2	File 1	File 1		
PRJEB22091	SAMEA104205899	ERS1864917	ERX2148101	ERR2091307	562	Escherichia coli	Illumina MiSeq	PAIRED	File 1 File 2	File 1 File 2	Fastq file 1 Fastq file 2	Fastq file 1 Fastq file 2	File 1	File 1		
PRJEB22091	SAMEA104205900	ERS1864918	ERX2148102	ERR2091308	562	Escherichia coli	Illumina MiSeq	PAIRED	File 1 File 2	File 1 File 2	Fastq file 1 Fastq file 2	Fastq file 1 Fastq file 2	File 1	File 1		
PRJEB22091	SAMEA104205901	ERS1864919	ERX2148103	ERR2091309	562	Escherichia coli	Illumina MiSeq	PAIRED	File 1 File 2	File 1 File 2	Fastq file 1 Fastq file 2	Fastq file 1 Fastq file 2	File 1	File 1		
PRJEB22091	SAMEA104205902	ERS1864920	ERX2148104	ERR2091310	562	Escherichia coli	Illumina MiSeq	PAIRED	File 1 File 2	File 1 File 2	Fastq file 1 Fastq file 2	Fastq file 1 Fastq file 2	File 1	File 1		
PRJEB22091	SAMEA104205903	ERS1864921	ERX2148105	ERR2091311	562	Escherichia coli	Illumina MiSeq	PAIRED	File 1 File 2	File 1 File 2	Fastq file 1 Fastq file 2	Fastq file 1 Fastq file 2	File 1	File 1		

The private hub at ENA is called 'dcc_bromhead'.

ENA private hub

- a private repository for submitting and downloading of public and private genomic and phenotypic data for AMR

- A **data provider** - able to upload data to ENA, share data to the hub and download metadata and sequences
    - Require to have ENA account (Webin ID)
    - https://www.ebi.ac.uk/ena/submit
    - Ask ENA to link your ENA account to the private hub
- A **data consumer** - able to download metadata and sequences
    - No ENA account required

ENA private hub

- Submitting data to ENA (only for data provider)
- Share sequence and metadata in the hub (only for data provider)
- Access metadata
- Download sequences

Submitting data in ENA

- Manual and automated

- Use Webin (interactive web submission system) for new sequencing projects, assembled sequences and annotation

- For other types of data, different channels are available (e.g. datasubs@ebi.ac.uk, FTP, RESTful web-based service)

- www.ebi.ac.uk/ena/about/submit_and_update

Instructions to share sequence data in ENA hub

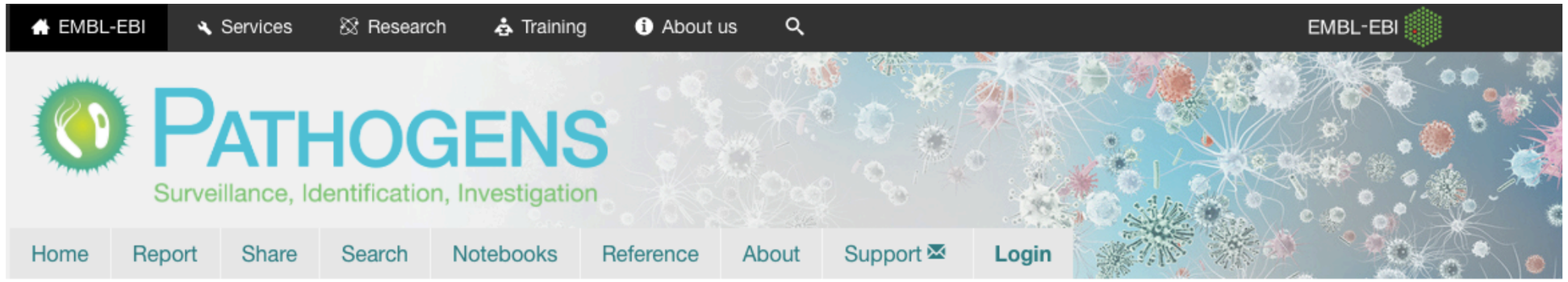
1. Login to the pathogens website below using your ENA webin account

https://www.ebi.ac.uk/ena/pathogens/login

2. Click 'Share'. You will see one of the columns is 'dcc_bromhead' which is the name of our hub.

3. You can share any of your study by clicking at a button under our hub column (dcc_bromhead)

4. Please allow 24 hours for the system to link the shared data to the hub.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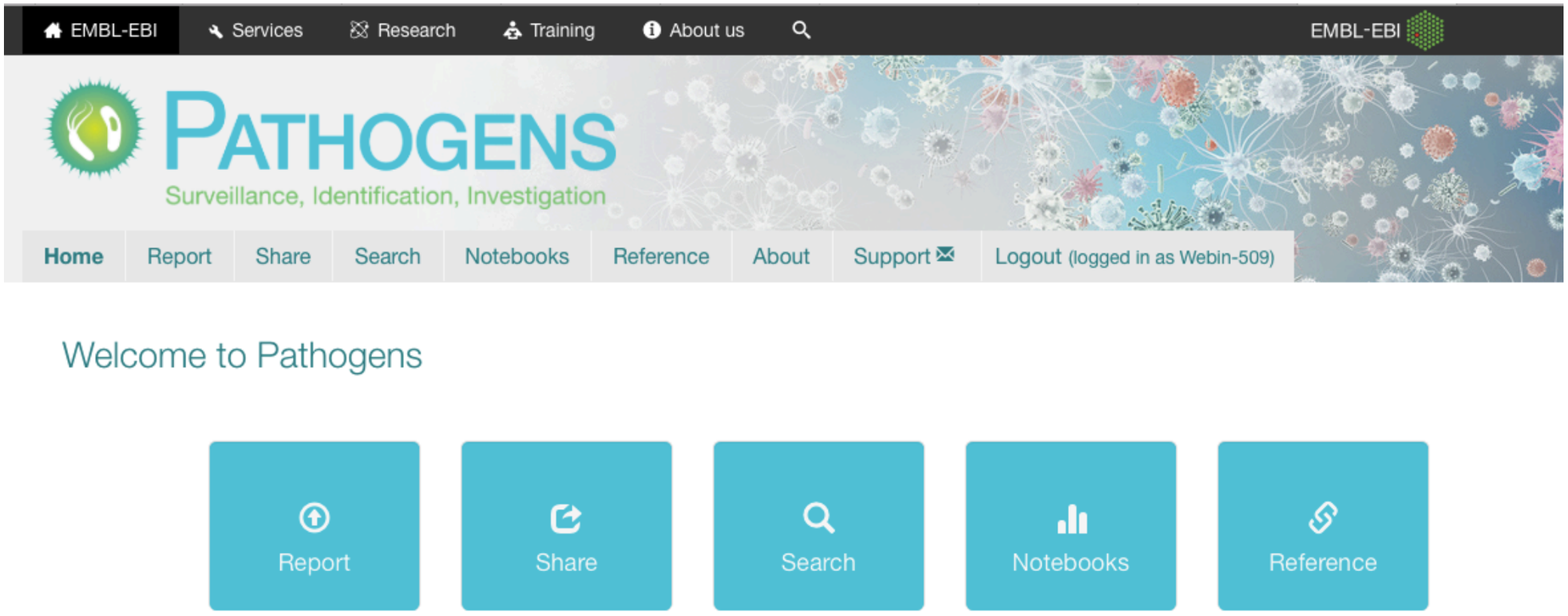
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Share
Search
Notebooks
Reference
About
Support
Logout (logged in as Webin-509)
Welcome to Pathogens
Report
Share
Search
Notebooks
Reference

Choose studies to share with data hubs

Type to filter by study accession or title

Study Accession	Study Title	dcc_broadbent	dcc_bromhead	dcc_cole	dcc_liszt	dcc_schubert	dcc_strauss
PRJEB14086	reference testing for ENGAGE E.coli (P160095)	☐	☑	☐	☐	☑	☐
PRJEB18618	EURL reference testing	☐	☑	☐	☐	☑	☐

Instructions for access to metadata in ENA hub

1. To search the Web portal (https://www.ebi.ac.uk/ena/pathogens/) you can also login with the dcc_bromhead credentials.

Username:

Password:

2. After login, go to the 'Search' tab, select data type, e.g. 'read_run' or 'analysis'. Next. On the next few pages you can refine your search and select fields manually

3. Specify 'Dcc data only' before performing the search.

4. Search results/reports can be viewed and downloaded. You can download report by clicking at Download report either in JSON or TSV format. The TSV format can be imported in Excel.

Login

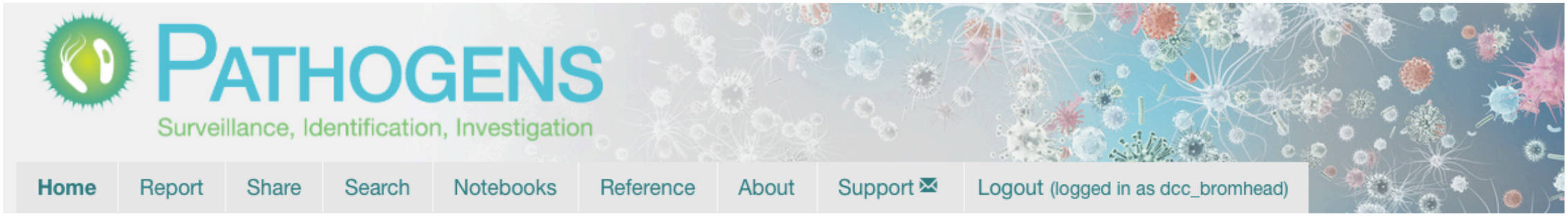
Username

dcc_bromhead

Password

••••••••

Login



Welcome to Pathogens

Report

Share

Search

Notebooks

Reference

PATHOGENS
Surveillance, Identification, Investigation

Home | Report | Share | **Search** | Notebooks | Reference | About | Support | Logout (logged in as dcc_bromhead)

Advanced Search

DATA TYPE — QUERY — FIELDS — DATA FILTERS — RESULTS

Select data type: analysis

Next | Search

PATHOGENS
Surveillance, Identification, Investigation

Home | Report | Share | **Search** | Notebooks | Reference | About | Support | Logout (logged in as dcc_bromhead)

Advanced Search

DATA TYPE — QUERY — FIELDS — DATA FILTERS — RESULTS

Limit (number of records):

DCC data only: ☑

Include Metagenomes: ☐

Back | Search

Advanced Search

DATA TYPE — QUERY — FIELDS — DATA FILTERS — RESULTS

Type to filter results

Download report: JSON TSV

Analysis Accession	Description
ERZ390162	Antibiotic sensitivity test for ERP015694: reference testing for ENGAGE E.coli (P160095)
ERZ390163	Antibiotic sensitivity test for ERP015694: reference testing for ENGAGE E.coli (P160095)
ERZ390164	Antibiotic sensitivity test for ERP015694: reference testing for ENGAGE E.coli (P160095)
ERZ390165	Antibiotic sensitivity test for ERP015694: reference testing for ENGAGE E.coli (P160095)
ERZ390166	Antibiotic sensitivity test for ERP015694: reference testing for ENGAGE E.coli (P160095)
ERZ390167	Antibiotic sensitivity test for ERP015694: reference testing for ENGAGE E.coli (P160095)
ERZ390168	Antibiotic sensitivity test for ERP015694: reference testing for ENGAGE E.coli (P160095)
ERZ390169	Antibiotic sensitivity test for ERP015694: reference testing for ENGAGE E.coli (P160095)
ERZ390170	Antibiotic sensitivity test for ERP015694: reference testing for ENGAGE E.coli (P160095)
ERZ390171	Antibiotic sensitivity test for ERP015694: reference testing for ENGAGE E.coli (P160095)

Showing 1 to 10 of 166 rows. **Rows per page:** 10

1 2 3 4 5

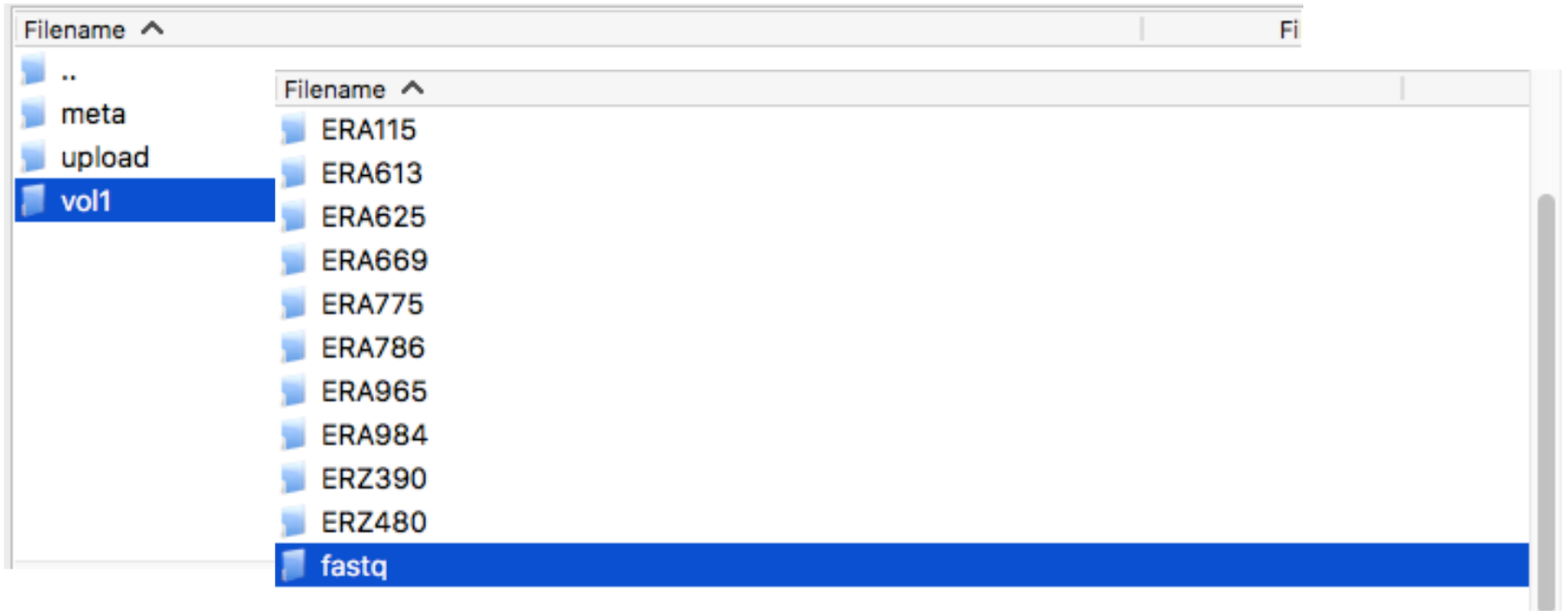
New Search Back

Instructions for access to ENA data hub for download of genomes

The access to the ENA data hub is given via password protected FTP. Below you find FTP specifications, the folder organization to download the fastq files and instructions to set up FTP access via Mac or Windows.

Specifications

Sequences in FASTQ are under folder: vol1/fastq



Thank you for your attention

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