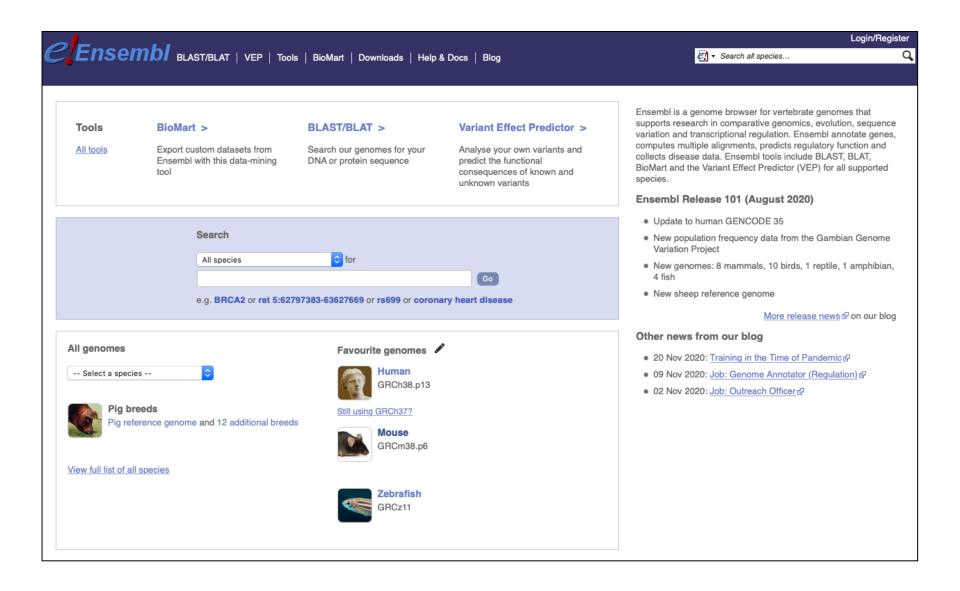




ENSEMBL

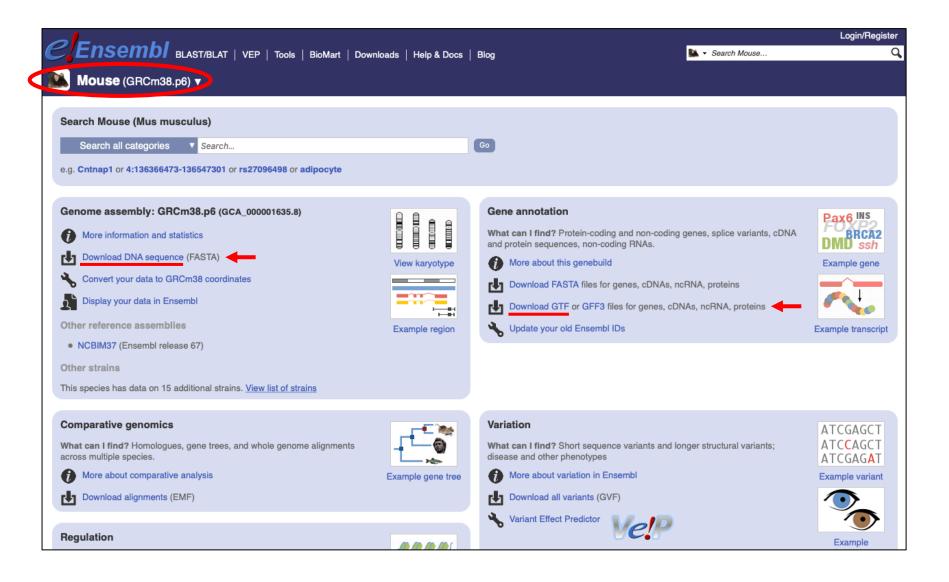
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ENSEMBL











ARTICLE

https://doi.org/10.1038/s41467-019-10769-x

OPEN

Conserved transcriptomic profile between mouse and human colitis allows unsupervised patient stratification

Paulo Czarnewski¹, Sara M. Parigi¹, Chiara Sorini ¹, Oscar E. Diaz ¹, Srustidhar Das¹, Nicola Gagliani ^{1,2,3} & Eduardo J. Villablanca ^{1,3}

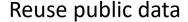


Table 1 Publicly available human data sets used in this paper

Data set ID	Total	Responders	Nonresponders	Ref.
Infliximab:				
GSE12251	23	11	12	13
GSE73661	23	15	8	15
GSE23597	32	7	25	14
GSE16879	24	16	8	12
Sum	102	49	53	
Vedolizumab:				
GSE73661	37	23	14	15
Pediatric UC:				
GSE109142	206	105	101	33

Data sets used for the classification of ulcerative colitis molecular profiles. Only the number of patients used for analysis are shown (inflamed mucosa before receiving any therapy)

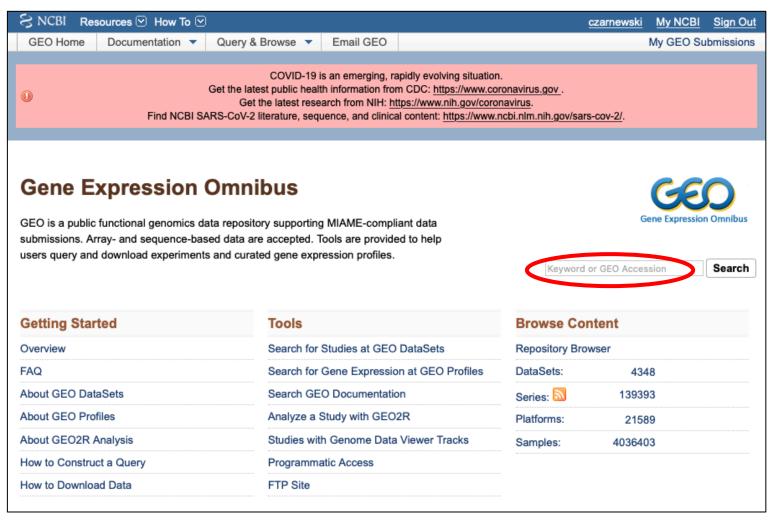
Deposited new data to public

Data availability

All the raw data generated in this study were deposited at the Gene Expression Omnibus under assession number GSE131032.

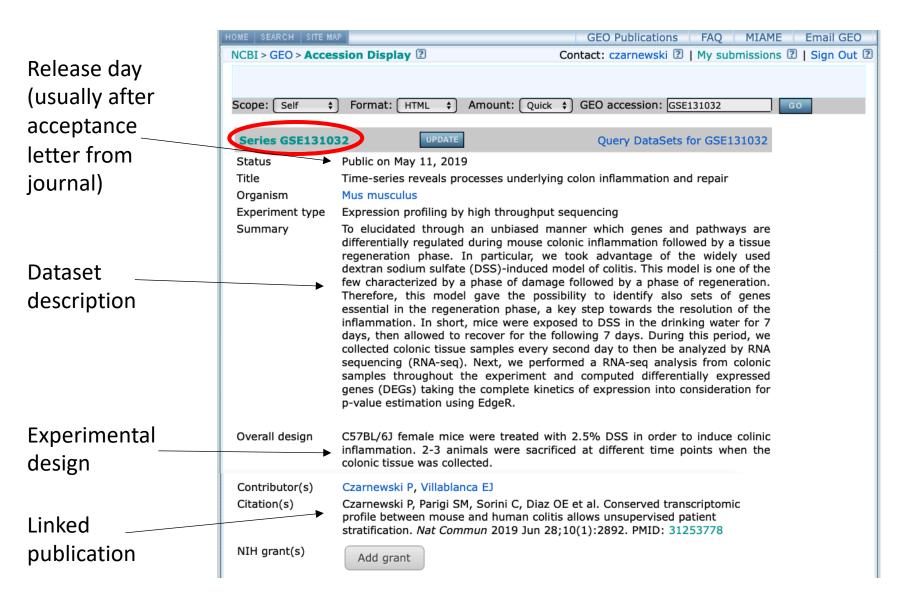
https://www.ncbi.nlm.nih.gov/geo/query/acc.cgi?acc=GSE131032



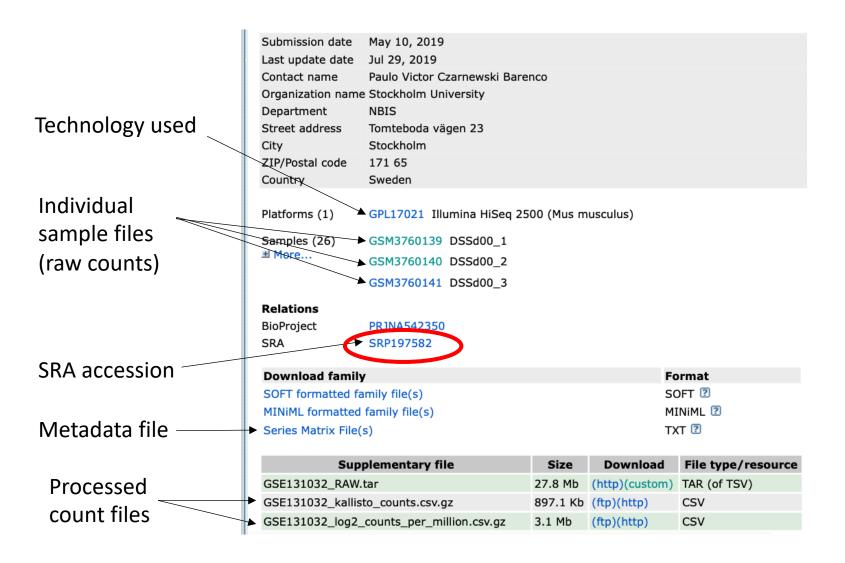


https://www.ncbi.nlm.nih.gov/geo/







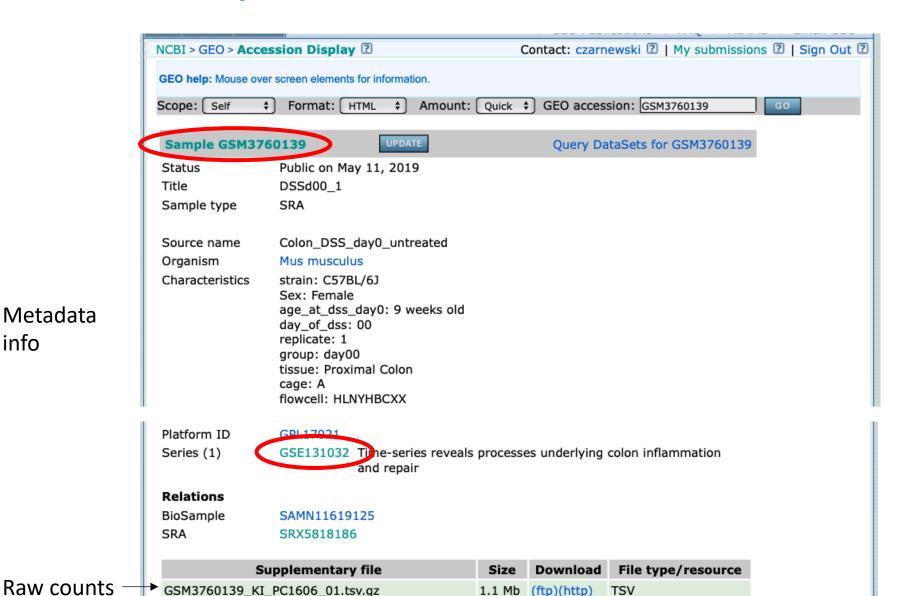


SRA Run Selector 2

Metadata

info





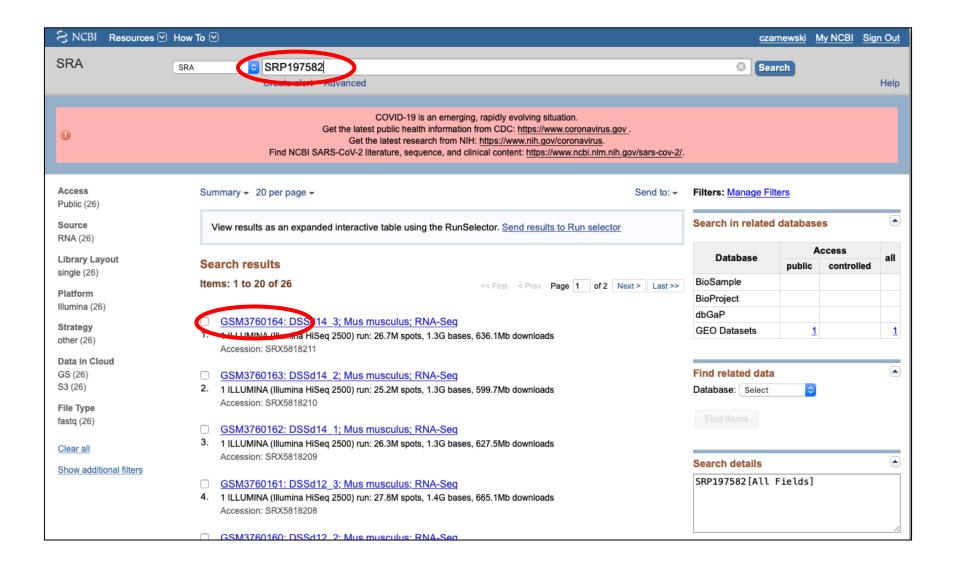
10



SRA Sequence Read Archive

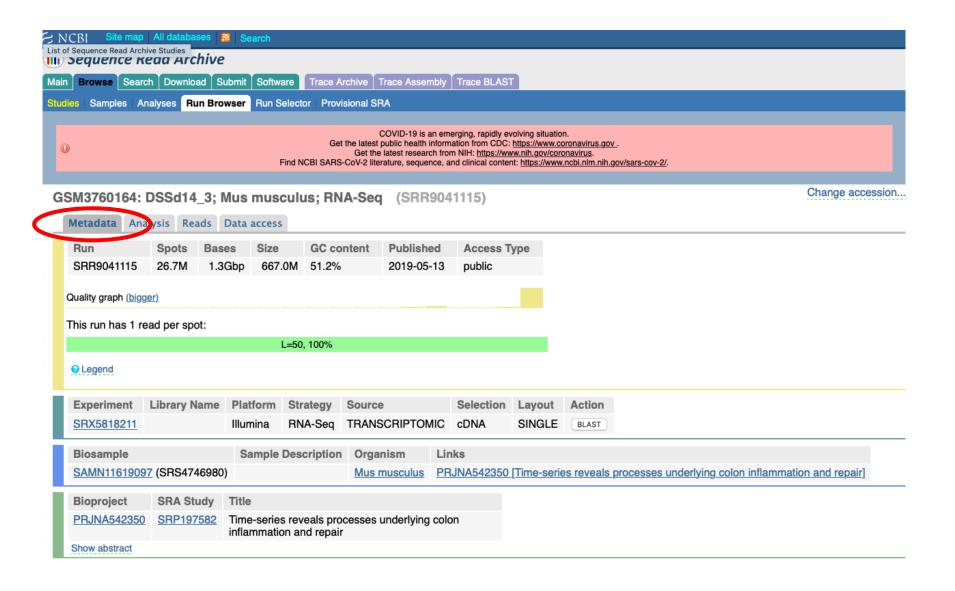
SRA: Sequence Read Archive





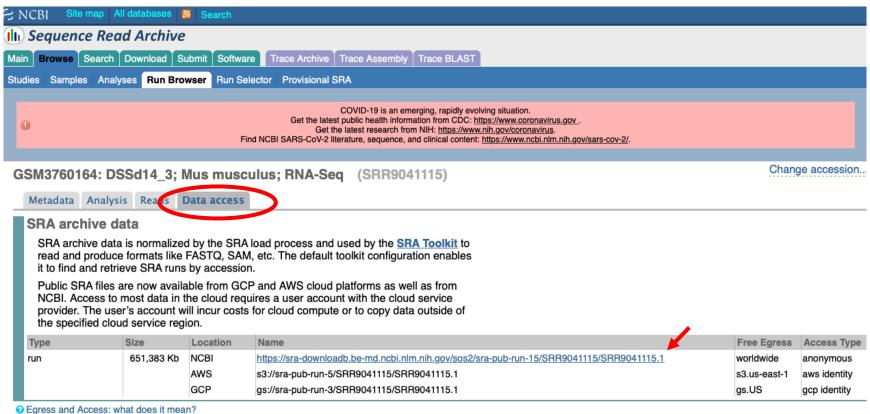
SRA: Sequence Read Archive





SRA: Sequence Read Archive





Why is SRA data in the cloud?

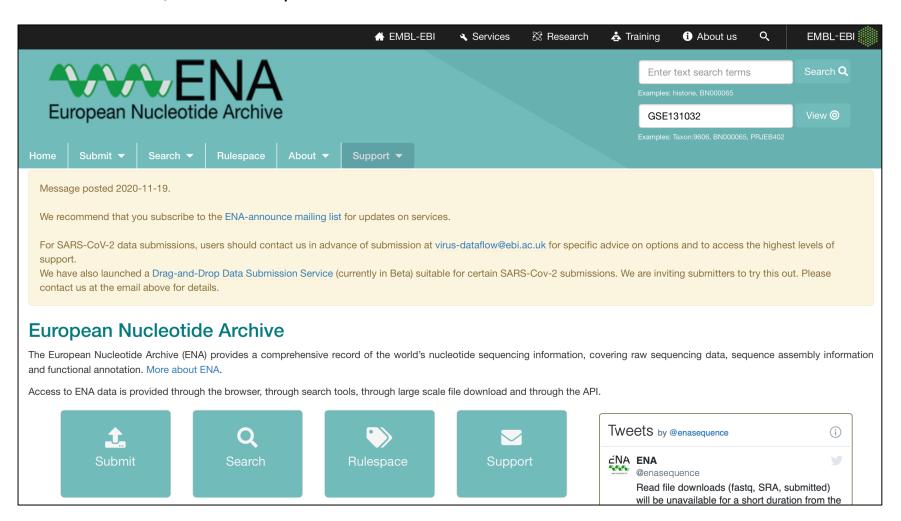


ENA *European Nucleotide Archive*

ENA: European Nucleotide Archive



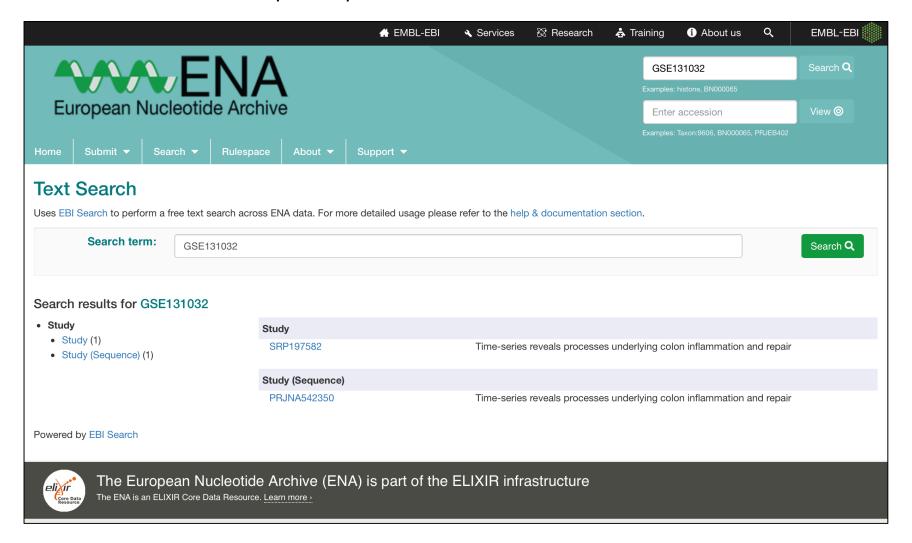
Similar to SRA, but in Europe.



ENA: European Nucleotide Archive



ENA is also linked to samples deposited in SRA.





Depositing your data

Depositing your data



What:

All raw sequencing data, metadata and any additional processed counts/data/information.

Why:

To allow others and your-future-self to reproduce your results and re-use your data.

When:

- You can submit your data to GEO <u>before submitting</u> the manuscript. The data can remain private for a maximum of <u>3 years</u>.
- Once the manuscript is finally accepted, you can release it to the public.

Where:

For non-human RNA-seq samples:

Submit everything to GEO, raw FASTQ files, metadata and processed count matrices

For **human** RNA-seq samples:

- Send email to GEO about sending human samples
- Submit raw FASTQ and metadata files to ENA (with access restrictions)
- Submit processed count matrices and metadata (without patient information) to GEO.

