

# Microbial Explorer Dashboard

## View Reference Genomes

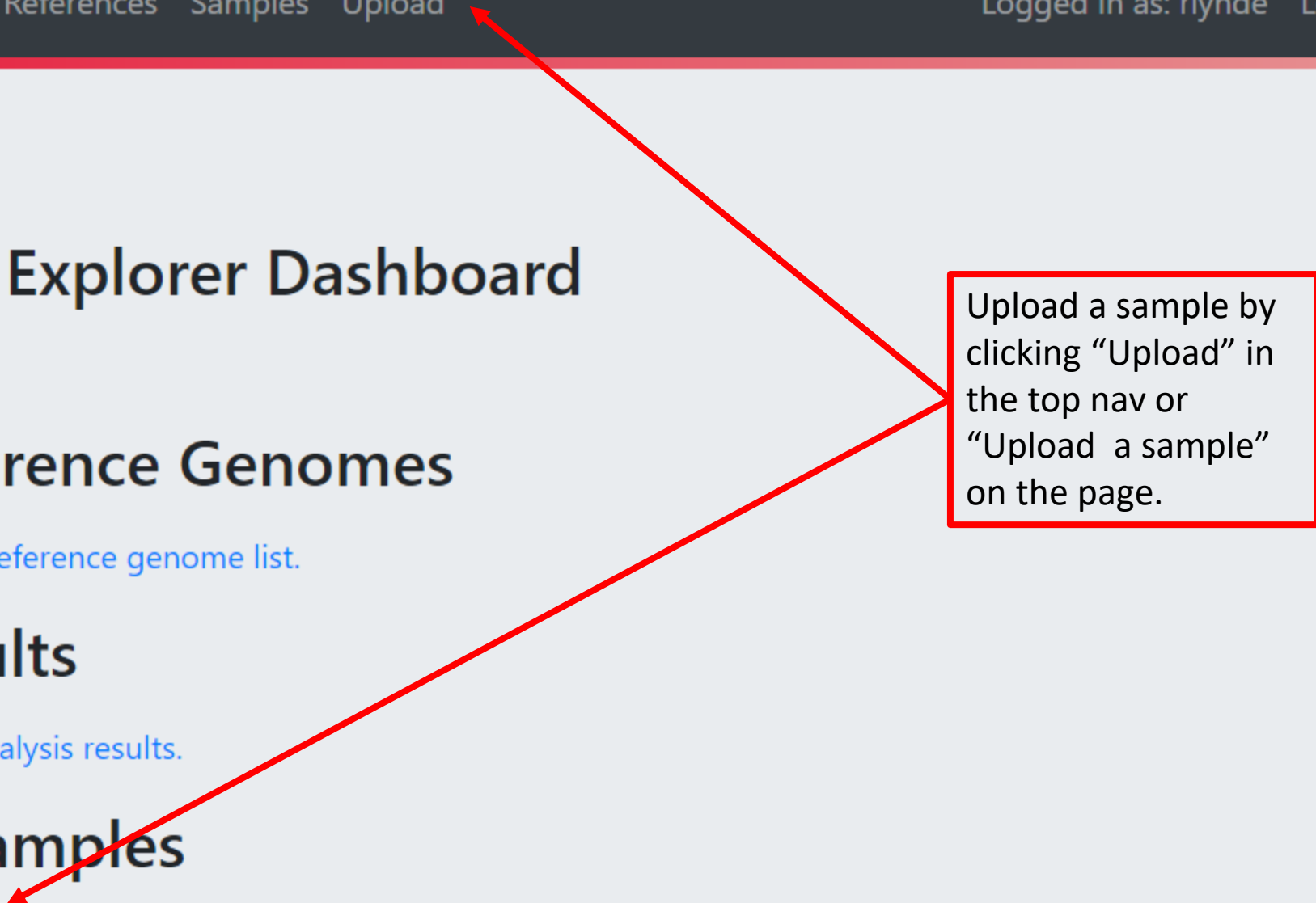
- [View bacterial reference genome list.](#)

## View Results

- [View sample analysis results.](#)

## Upload Samples

- [Upload a sample.](#) Acceptable file formats are (\*.reads\_maps.txt) and (\*.maps).



Upload a sample by clicking “Upload” in the top nav or “Upload a sample” on the page.

Sample name:

Enzyme:

Test description

Description:

Map file:  No file chosen

1. Enter sample name.
2. Choose enzyme.
3. Enter a sample description
4. Click "Choose File" and navigate to your file. (Note: acceptable formats are (\*.reads\_maps.txt) and (\*.maps))
5. Click "Upload".

## Samples

### Test Sample 1

(Starting the strain ID process...)

Status for d2a8951e-0ad8-42c7-a1b2-d24e4b8b69b5 is Running

#### Test description

Enzyme: Nt.BspQI, Submitted: Tue Oct 15 14:51:53 2019, [DELETE](#)

### Artificial Meta Genome 3

This artificial meta genome data are created by Nabsys in-silico-gen program from the fasta files of the following 5 bacteria genomes

After uploading a sample you will automatically be taken to the Samples page. But you can always see your samples by clicking "Samples" in the nav.

Once a sample is finished being analyzed, click on the sample name to view the results

# Sample: Artificial Meta Genome 3

File Name: art\_m3\_reads\_maps.txt

Enzyme: Nt.BspQI

Submitted: Wed May 22 02:53:36 2019

# of maps: 16,993, Total map length: 1249.70 Mb (x250 as E.coli)

RANGE         COUNT

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0- 10kb (	0 maps)
10- 20kb (	0 maps)
20- 30kb (	0 maps)
30- 40kb (	0 maps)
40- 50kb (	0 maps)
50- 60kb (	4,736 maps)
60- 70kb (	3,973 maps)
70- 80kb (	3,084 maps)
80- 90kb (	2,180 maps)

Results view.  
Scroll to see  
additional results.

## Species Top Hits

Species	Score	Chart
Mycobacterium ulcerans	39.0	██
Salmonella enterica	9.0	████████
Escherichia coli	3.0	█
Streptomyces sp.	1.0	

## Genus Top Hits

Genus	Score	Chart
Mycobacterium	39.0	██
Salmonella	9.0	████████
Escherichia	3.0	█
Streptomyces	1.0	

## Strain Top Hits

Species	Strain	Score	Chart
Mycobacterium ulcerans	Agy99	39.0	██
Salmonella enterica	BL10	3.0	████████
Salmonella enterica	Heidelberg	3.0	████████
Escherichia coli	KSC64	2.0	████
Salmonella enterica	S1687	2.0	████
Streptomyces sp.	CFMR7	1.0	█
Salmonella enterica	920392	1.0	█
Mesorhizobium opportunistum	WSM2075	1.0	█

## Hit List

Accession	Species	Strain	Substrain	Score	Chart
<a href="#">NC_008611.1</a>	Mycobacterium ulcerans	Agy99		39.0	██
<a href="#">NZ_CP024619.1</a>	Salmonella enterica	BL10		3.0	█
<a href="#">NC_017623.1</a>	Salmonella enterica	Heidelberg	B182	3.0	█
<a href="#">NZ_CP018840.1</a>	Escherichia coli	KSC64		2.0	█
<a href="#">NZ_CP019416.1</a>	Salmonella enterica	S1687		2.0	█
<a href="#">NZ_CP011522.1</a>	Streptomyces sp.	CFMR7		1.0	
<a href="#">NZ_CP018657.1</a>	Salmonella enterica	920392		1.0	
<a href="#">NC_015675.1</a>	Mesorhizobium opportunistum	WSM2075		1.0	

# Total Number of Reference Genomes: 11,307

Ref Database Name: Microbial Genome Database

(Last Updated: October 4th, 2019)

Click "References"  
to see information  
about the  
reference  
database.

Genus	Count	Genus	Count	Genus	Count	Genus
<a href="#">Escherichia</a>	612	<a href="#">Leptospirillum</a>	4	<a href="#">Anaerolinea</a>	1	<a href="#">Coriobacterium</a>
<a href="#">Burkholderia</a>	504	<a href="#">Ruegeria</a>	4	<a href="#">Sebaldella</a>	1	<a href="#">Tistrella</a>
<a href="#">Salmonella</a>	451	<a href="#">Fervidobacterium</a>	4	<a href="#">Thermanaerovibrio</a>	1	<a href="#">Phycisphaera</a>
<a href="#">Bacillus</a>	428	<a href="#">Cedecea</a>	4	<a href="#">Crinalium</a>	1	<a href="#">Xylanimonas</a>
<a href="#">Staphylococcus</a>	410	<a href="#">Bibersteinia</a>	4	<a href="#">Agarivorans</a>	1	<a href="#">Desulfurispirillum</a>
<a href="#">Streptococcus</a>	405	<a href="#">Hyphomicrobium</a>	4	<a href="#">Beta</a>	1	<a href="#">Caldilinea</a>
<a href="#">Bordetella</a>	404	<a href="#">Nocardioides</a>	4	<a href="#">Eikenella</a>	1	<a href="#">Kytococcus</a>
<a href="#">Brevibacterium</a>	330	<a href="#">Altiterrivibrio</a>	4	<a href="#">Lactobacillus</a>	1	<a href="#">Lactobacillus</a>