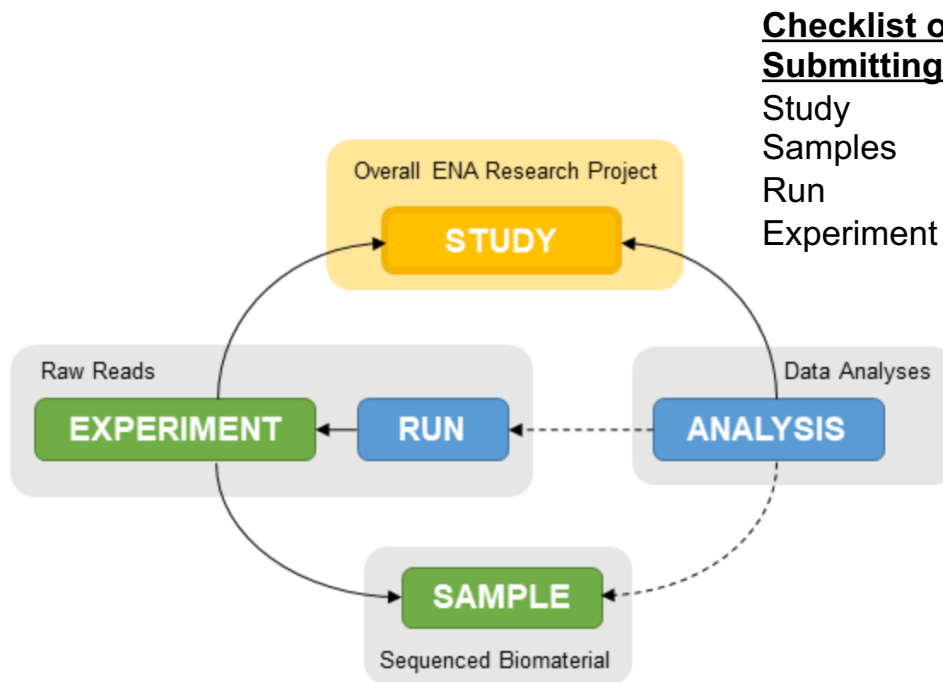


Data Submission

Varsha Kale

Bioinformatician

ENA data structure and layers



Checklist of required objects

Submitting raw reads

Study
Samples
Run
Experiment

Submitting assemblies

Study (or same study)
Connected samples
Connected Run
Connected Experiment
Analysis

Metagenomics - Things to look out for!

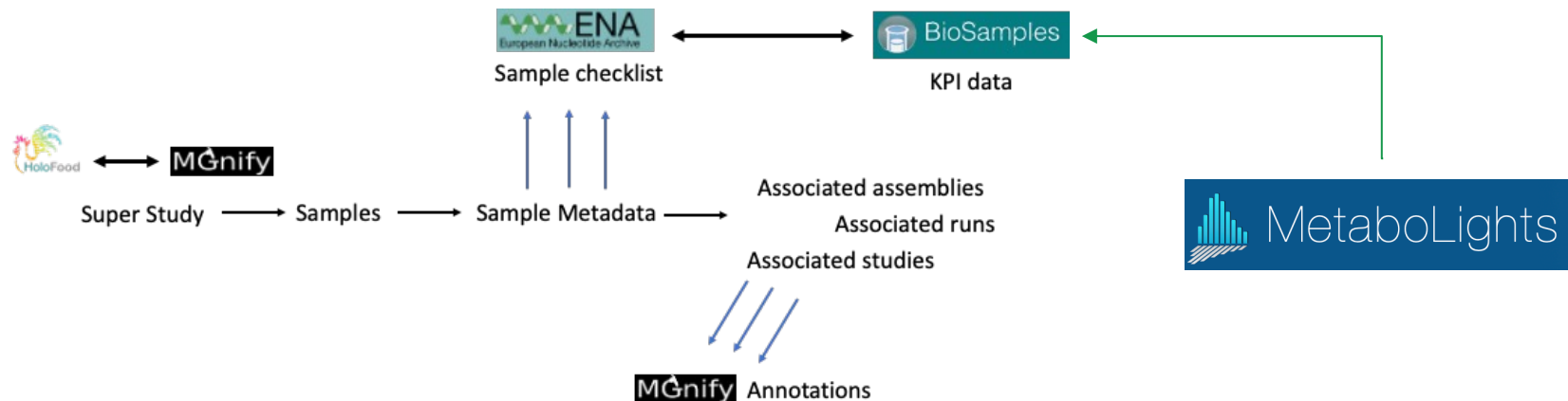
Are you using the correct taxid?

Is your library source metagenomic?

Select the correct data type

Provide as much informative metadata as possible!

HoloFood data structure



MGnify assembly analysis - <https://www.ebi.ac.uk/metagenomics/analyses/MGYA00606070#overview>

ENA sample - <https://www.ebi.ac.uk/ena/browser/view/ERS4789448>

BioSample - <https://www.ebi.ac.uk/biosamples/samples/SAMEA7025238>

ENA assembly - <https://www.ebi.ac.uk/ena/browser/view/ERZ2641813?show=analyses>

Associated ENA run - <https://www.ebi.ac.uk/ena/browser/view/ERR4304505?show=reads>