sigma-aldrich®

platform

Microbiome
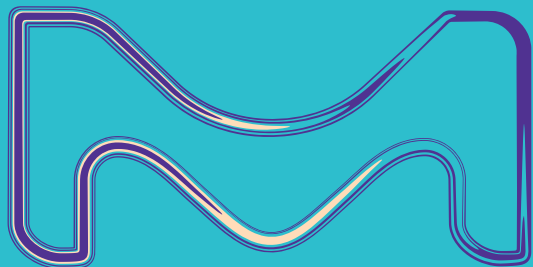
MilliporeSigma

Sigma-Aldrich® Metagenome
Web Platform for Microbiome Data Analysis

1

Easy upload and management of sequencing projects

2

Species-level taxonomic classification of 16s-seq data is best-in-class.

3

One-click quality control processing of fastq files along with quality reports.

why use our platform?

4

Statistical and graphical analysis of microbiome communities

File Upload and Management

Quality Control Reports

Taxonomic Classification
Multiple Reference Databases Available

Single Sample Classification Report

Multi-Sample Comparative Analysis

Show Graph | Search by Name | Show 40

Sample Name	Total Input	QC Passed	Unjoined Pairs	Chimeric	Total Passed	Classified Sequences	Unclassified Sequences
2_S2_L001	105130	95151	6432	6093	82626	82616	10
3_S3_L001	75380	69288	5006	4817	59465	59460	5
4_S4_L001	115940	106686	9525	4915	92246	92244	2
5_S5_L001	98590	92257	5433	6023	80801	80796	5
6_S6_L001	89154	83552	4781	3935	74836	74830	6
7_S7_L001	100962	91753	6226	5089	80438	80436	2
8_S8_L001	93143	84349	5970	4259	74120	74118	2
9_S9_L001	112408	104756	6213	6205	92338	92325	13
17_S17_L001	81783	75674	4536	5514	65624	65622	2
16_S16_L001	1676	1345	289	70	986	986	NA
20_S20_L001	141897	130082	7951	6763	115368	115359	9
18_S18_L001	94797	88675	5259	6528	76888	76884	4
21_S21_L001	97334	90809	5408	6163	79238	79238	NA
22_S22_L001	80040	73840	4806	4132	64902	64900	2
23_S23_L001	93973	87531	6030	5385	76116	76116	NA
24_S24_L001	119894	109161	7989	5731	95441	95436	5
25_S25_L001	90001	81458	5691	5992	69775	69762	13
26_S26_L001	96520	87370	5575	5298	76497	76492	5

Taxonomic Profile Summary
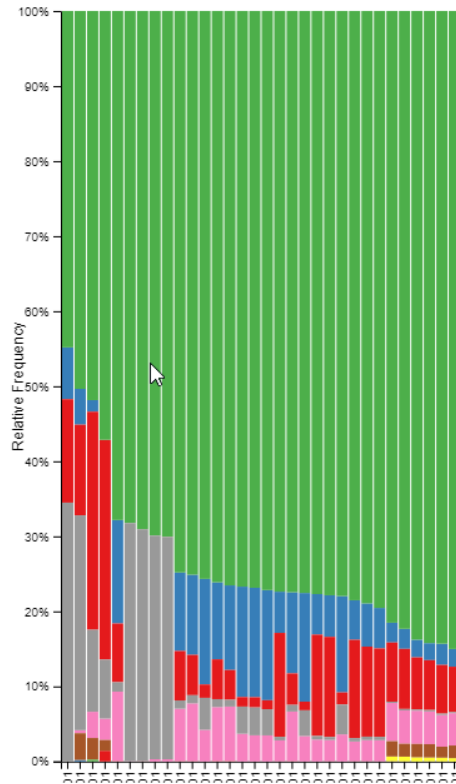
View samples at different ranks of the taxonomic hierarchy

Sort and rename samples by experimental metadata factors
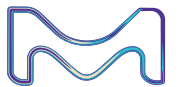
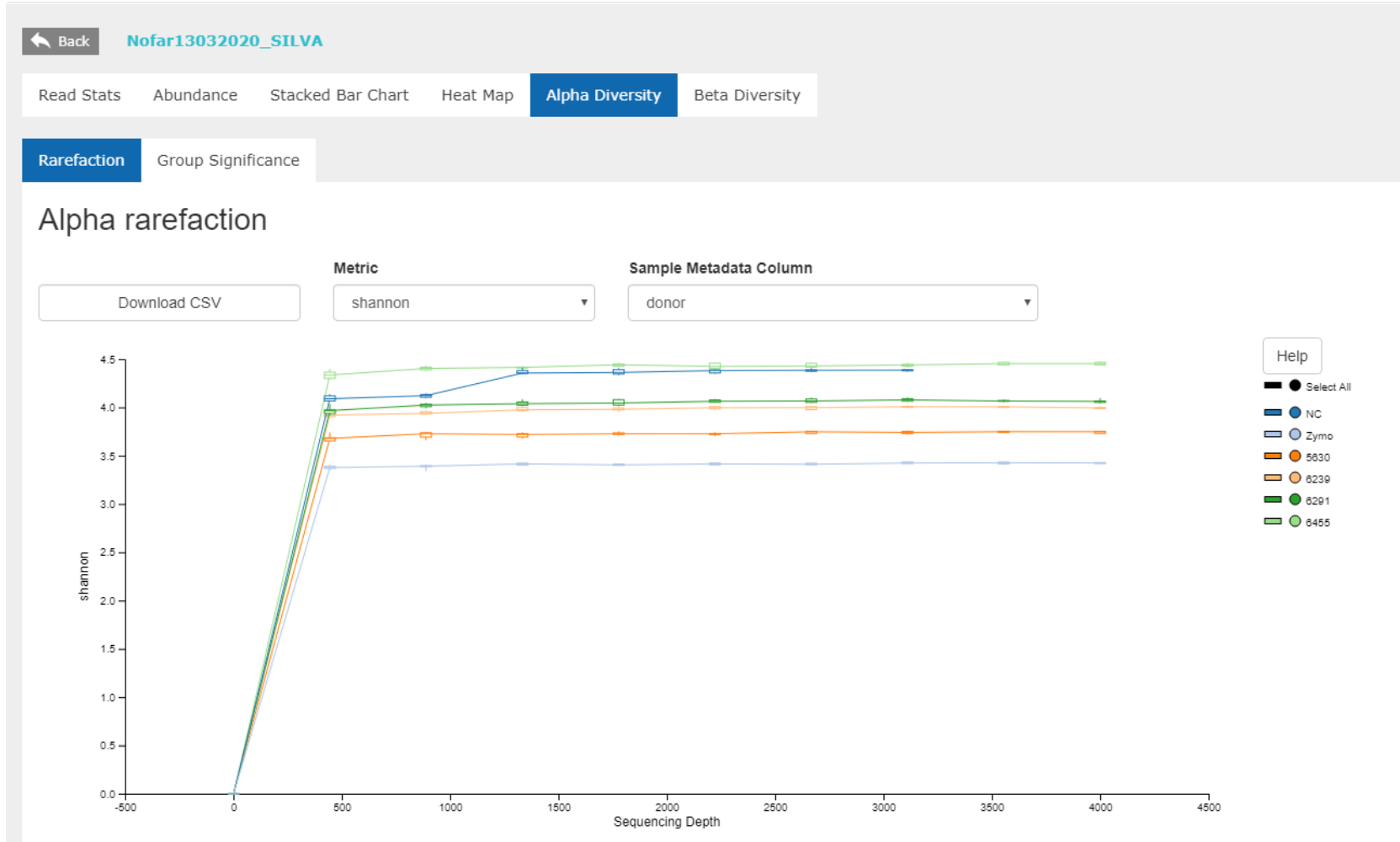# Alpha Diversity Statistical Tests
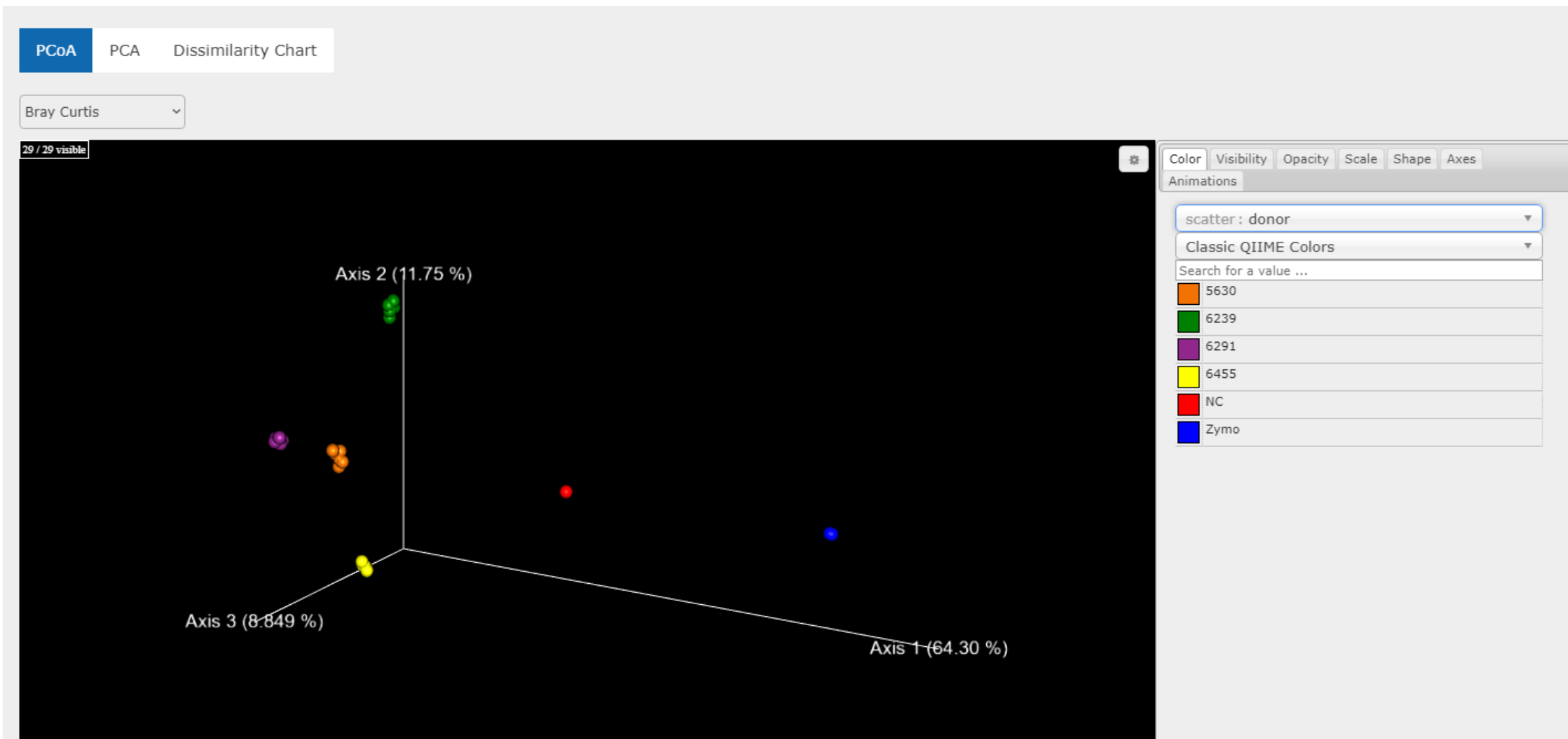

Supports multiple
Alpha Rarefaction metrics

Kruskall-Wallis one-way analysis
of variance for differences
between sample groups

Alpha Rarefaction Curves

Beta Diversity PCoA

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Graziella Amarainghe

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