

Heatmap showing the relative abundance of 25 bacterial taxa across 25 samples. The taxa are listed on the y-axis, and the samples are listed on the x-axis. The color scale ranges from blue (low abundance) to red (high abundance).

**Y-axis (Taxa):**

- OME002
- OME003
- OME005
- MTM009
- DJA002
- EBO003
- KNP001
- KNP004
- KNP005
- KNP009
- FUM002
- GOY005
- PES001
- OAK002
- OAK005
- TAF008
- ECO002
- ECO004
- EMIN001
- JAE008
- JAE014
- VLC004
- VLC009
- LIB007\_A0115
- LIB007\_A0116
- LIB007\_A0135.SG1.1
- LIB025\_A0301
- LIB025\_A1001
- LIB025\_A1301

**X-axis (Samples):**

- OME002
- OME003
- OME005
- MTM009
- DJA002
- EBO003
- KNP001
- KNP004
- KNP005
- KNP009
- FUM002
- GOY005
- PES001
- OAK002
- OAK005
- TAF008
- ECO002
- ECO004
- EMIN001
- JAE008
- JAE014
- VLC004
- VLC009
- LIB007\_A0115
- LIB007\_A0116
- LIB007\_A0135.SG1.1
- LIB025\_A0301
- LIB025\_A1001
- LIB025\_A1301

**Legend:**

- 0.00
- 0.25
- 0.50
- 0.75
- 1.00
- 1.25
- 1.50
- 1.75
- 2.00
- 2.25
- 2.50
- 2.75
- 3.00
- 3.25
- 3.50
- 3.75
- 4.00
- 4.25
- 4.50
- 4.75
- 5.00
- 5.25
- 5.50
- 5.75
- 6.00
- 6.25
- 6.50
- 6.75
- 7.00
- 7.25
- 7.50
- 7.75
- 8.00
- 8.25
- 8.50
- 8.75
- 9.00
- 9.25
- 9.50
- 9.75
- 10.00
- 10.25
- 10.50
- 10.75
- 11.00
- 11.25
- 11.50
- 11.75
- 12.00
- 12.25
- 12.50
- 12.75
- 13.00
- 13.25
- 13.50
- 13.75
- 14.00
- 14.25
- 14.50
- 14.75
- 15.00
- 15.25
- 15.50
- 15.75
- 16.00
- 16.25
- 16.50
- 16.75
- 17.00
- 17.25
- 17.50
- 17.75
- 18.00
- 18.25
- 18.50
- 18.75
- 19.00
- 19.25
- 19.50
- 19.75
- 20.00
- 20.25
- 20.50
- 20.75
- 21.00
- 21.25
- 21.50
- 21.75
- 22.00
- 22.25
- 22.50
- 22.75
- 23.00
- 23.25
- 23.50
- 23.75
- 24.00
- 24.25
- 24.50
- 24.75
- 25.00
- 25.25
- 25.50
- 25.75
- 26.00
- 26.25
- 26.50
- 26.75
- 27.00
- 27.25
- 27.50
- 27.75
- 28.00
- 28.25
- 28.50
- 28.75
- 29.00
- 29.25
- 29.50
- 29.75
- 30.00
- 30.25
- 30.50
- 30.75
- 31.00
- 31.25
- 31.50
- 31.75
- 32.00
- 32.25
- 32.50
- 32.75
- 33.00
- 33.25
- 33.50
- 33.75
- 34.00
- 34.25
- 34.50
- 34.75
- 35.00
- 35.25
- 35.50
- 35.75
- 36.00
- 36.25
- 36.50
- 36.75
- 37.00
- 37.25
- 37.50
- 37.75
- 38.00
- 38.25
- 38.50
- 38.75
- 39.00
- 39.25
- 39.50
- 39.75
- 40.00
- 40.25
- 40.50
- 40.75
- 41.00
- 41.25
- 41.50
- 41.75
- 42.00
- 42.25
- 42.50
- 42.75
- 43.00
- 43.25
- 43.50
- 43.75
- 44.00
- 44.25
- 44.50
- 44.75
- 45.00
- 45.25
- 45.50
- 45.75
- 46.00
- 46.25
- 46.50
- 46.75
- 47.00
- 47.25
- 47.50
- 47.75
- 48.00
- 48.25
- 48.50
- 48.75
- 49.00
- 49.25
- 49.50
- 49.75
- 50.00
- 50.25
- 50.50
- 50.75
- 51.00
- 51.25
- 51.50
- 51.75
- 52.00
- 52.25
- 52.50
- 52.75
- 53.00
- 53.25
- 53.50
- 53.75
- 54.00
- 54.25
- 54.50
- 54.75
- 55.00
- 55.25
- 55.50
- 55.75
- 56.00
- 56.25
- 56.50
- 56.75
- 57.00
- 57.25
- 57.50
- 57.75
- 58.00
- 58.25
- 58.50
- 58.75
- 59.00
- 59.25
- 59.50
- 59.75
- 60.00
- 60.25
- 60.50
- 60.75
- 61.00
- 61.25
- 61.50
- 61.75
- 62.00
- 62.25
- 62.50
- 62.75
- 63.00
- 63.25
- 63.50
- 63.75
- 64.00
- 64.25
- 64.50
- 64.75
- 65.00
- 65.25
- 65.50
- 65.75
- 66.00
- 66.25
- 66.50
- 66.75
- 67.00
- 67.25
- 67.50
- 67.75
- 68.00
- 68.25
- 68.50
- 68.75
- 69.00
- 69.25
- 69.50
- 69.75
- 70.00
- 70.25
- 70.50
- 70.75
- 71.00
- 71.25
- 71.50
- 71.75
- 72.00
- 72.25
- 72.50
- 72.75
- 73.00
- 73.25
- 73.50
- 73.75
- 74.00
- 74.25
- 74.50
- 74.75</

species

mean\_mean\_depth\_coverage

10

5

0

sample