

	Completeness	Purity (1% filtered)	L1 norm error	Sum of scores
1st	sourmash (247)	sourmash (179)	mOTUs 2.5.1 (789)	sourmash (1262)
2nd	mOTUs 2.5.1 (416)	MetaPhlAn 2.2.0 (241)	sourmash (836)	mOTUs 2.5.1 (1887)
3rd	Bracken 2.5 (1008)	mOTUs 1.1 (631)	MetaPhlAn 2.9.21 (1401)	MetaPhlAn 2.2.0 (3527)
4th	MetaPhyler 1.25 (1298)	mOTUs 2.5.1 (682)	MetaPhlAn 2.2.0 (1497)	MetaPhlAn 2.9.21 (4349)
5th	TIPP 2.0.0 (1424)	MetaPhlAn 2.9.21 (789)	MetaPhyler 1.25 (1586)	MetaPhyler 1.25 (5148)
6th	MetaPhlAn 2.2.0 (1789)	MetaPalette 1.0.0 (1182)	mOTUs 1.1 (2317)	mOTUs 1.1 (5253)
7th	MetaPhlAn 2.9.21 (2159)	MetaPhyler 1.25 (2264)	TIPP 2.0.0 (2361)	MetaPalette 1.0.0 (5989)
8th	mOTUs 1.1 (2305)	Bracken 2.5 (2881)	MetaPalette 1.0.0 (2390)	Bracken 2.5 (6574)
9th	MetaPalette 1.0.0 (2417)	TIPP 2.0.0 (3361)	Bracken 2.5 (2685)	TIPP 2.0.0 (7146)
10th	FOCUS 0.31 (3424)	FOCUS 0.31 (3764)	FOCUS 0.31 (3894)	FOCUS 0.31 (11082)