

Table S2. Number of metagenomes used in this study before and after data analysis, and their distribution per country/location. Metagenomes were excluded if they did not fulfill the criteria outlined in Materials and Methods.

Country/Location	Number of Metagenomes	
	Before	After
	contamination	contamination
	assessment	assessment
Antarctica	31	27
Canada	208	75
China	3	3
France	2	1
Norway	10	7
Singapore	38	4
Taiwan	6	-
UK	1	1
USA	81	25
Total	380	143