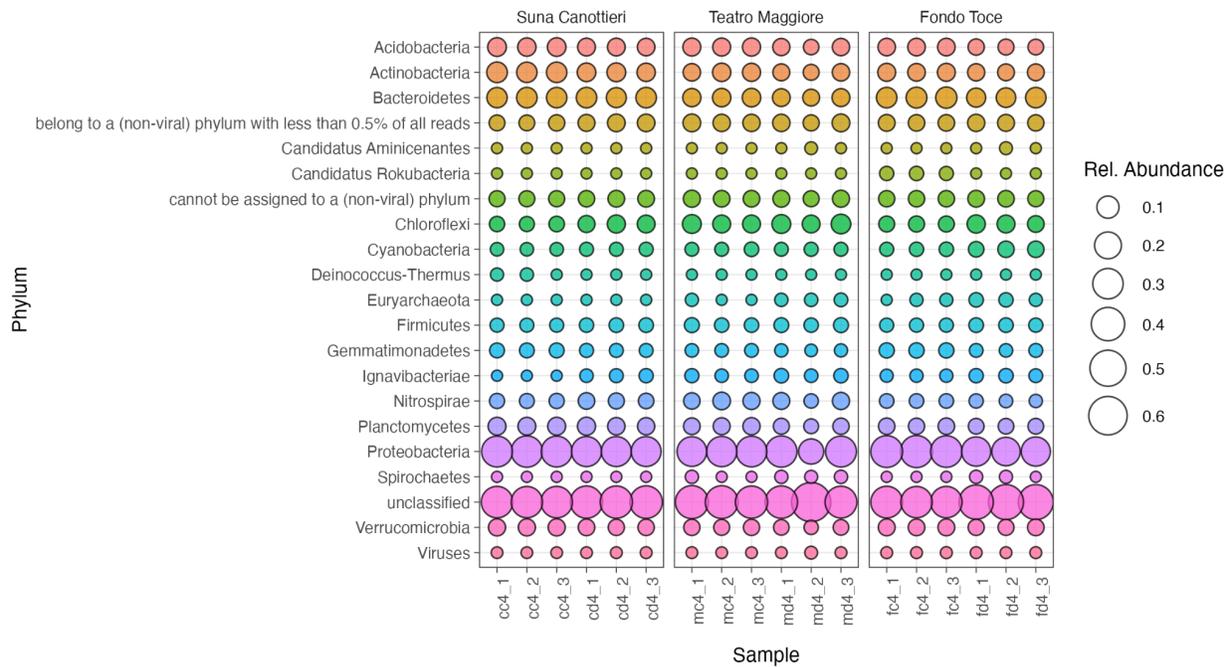


Supplementary Material for:

Freshwater beach sandy sediments harbour latent β -lactamases with deep phylogenetic roots in Chitinophagaceae

Corso, Iburg et al.



Supplementary Figure 1

Supplementary Table 1: Output from PERMANOVA test on read based analysis of antibiotic resistance genes in three beaches (Cannottieri, Fondo Toce, Teatro Maggiore) and two locations (on beach location C and D). Df= degree of freedom, SumOfSqs= Sum of squares

	Df	SumOfSqs	R2	F	Pr(>F)	
beach	2	0.023	0.24	36.46	0.023	*
location	1	0.029	0.30	92.96	0.001	***

Residual	14	0.044	0.46
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Supplementary Table 2: *Number of MAGs with and without antibiotic resistance genes in the samples of Lake Maggiore beach sand.*

Sample	#MAGs with ARGs	#MAGs without ARGs
CC4 (littoral)	22	21
CD4 (sublittoral)	6	2
MC4 (littoral)	4	3
MD4 (sublittoral)	5	10
FC4 (littoral)	22	15
FD4 (sublittoral)	4	2

