

Phylum	Family	Genus	Top W	Slope W	Base W	Interdune	Base E	Slope E	Top E
<i>Actinobacteria</i>	<i>Geodermatophilaceae</i>	<i>Geodermatophilus</i>	0.40	1.50	1.57	9.69	3.04	0.92	0.19
	<i>Geodermatophilaceae</i>	<i>Blastococcus</i>	0.25	1.20	0.67	9.03	2.57	0.66	0.25
	<i>Micrococcaceae</i>	<i>Arthrobacter</i>	0.50	1.63	7.18	3.29	9.95	8.55	0.14
<i>Proteobacteria</i>	<i>Methylobacteriaceae</i>	<i>Microvirga</i>	1.58	13.49	20.13	19.21	22.40	8.63	0.16
	<i>Oxalobacteraceae</i>	<i>Massilia</i>	8.88	5.92	7.28	1.33	5.57	18.44	5.17
	<i>Sphingomonadaceae</i>	<i>Novosphingobium</i>	7.76	1.63	1.42	0.41	0.77	1.85	2.32

Supplementary Table S2. Relative abundances (%) of the three most abundant genera of the dominant colonist phyla from the interdune (*Actinobacteria*) and from the dune (*Proteobacteria*). E: East / W: West.