

Bacterial communities in sediments of an urban wetland in Bogota, Colombia

Maribeb Castro González*¹, Mauricio Edilberto Pacheco Montealegre², Mariana Restrepo Benavides³

Table S1. Relative abundance of OTUs of *nosZ*-type communities detected in Santa Maria del Lago wetland sediments.

ID	TAXONOMIC AFFILIATION	Identity (%)	Total abundance (%)
OTU01	<i>Candidatus_Competibacter_denitrificans_Run_A_D11</i>	87.01	99.30
OTU02	<i>Acidovorax_sp._RAC01</i>	82.54	0.14
OTU03	<i>Castellaniella_defragrans_65Phen</i>	86.12	0.09
OTU04	<i>Thiobacillus_denitrificans</i>	87.63	0.07
OTU05	<i>Ralstonia_solanacearum_FQY_4</i>	80	0.05
OTU06	<i>Rhodobacter_sphaeroides_f._sp._denitrificans</i>	89.93	0.05
OTU07	<i>Azospirillum_brasilense</i>	80.66	0.04
OTU08	<i>Microvirga_vignae</i>	87.45	0.04
OTU09	<i>Oligotropha_carboxidovorans_OM5</i>	88.73	0.03
OTU10	<i>Dyella_jiangningensis</i>	80.13	0.03
OTU11	<i>Methylobacillus_sp._MM2</i>	83.9	0.03
OTU12	<i>Candidatus_Competibacter_denitrificans_Run_A_D11</i>	85.61	0.02
OTU13	<i>Bradyrhizobium_sp._STM_3809</i>	85.43	0.02
OTU14	<i>Pseudomonas_stutzeri</i>	98.45	0.02
OTU15	<i>Sinorhizobium_sp._Sb3</i>	79.83	0.02
OTU16	<i>Thauera_sp._27</i>	84.58	0.01
OTU17	<i>Azospirillum_lipoferum_4B</i>	87.13	0.01
OTU18	<i>Ruegeria_sp._ZGT118</i>	77.78	0.01
OTU19	<i>Thauera_humireducens</i>	85.4	0.01
OTU20	<i>Azoarcus_sp._KH32C</i>	77.43	0.01
OTU21	<i>Azospirillum_amazonense_Y2</i>	100	0.01
OTU22	<i>Bradyrhizobium_neotropicale</i>	85.31	0.01
OTU23	<i>Ralstonia_solanacearum_FQY_4</i>	91.77	0.01

Table S2. GenBank accession number of representative 16S rRNA-OTUs and raw Illumina sequences of 16S rRNA and *nosZ* gene.

ID	Accession number
SUB5025860 OTU021_1017733	MK394800
SUB5025860 OTU010_1048864	MK394801
SUB5025860 OTU164_1055704	MK394802
SUB5025860 OTU148_10718	MK394803

SUB5025860 OTU129_1083335	MK394804
SUB5025860 OTU094_1104938	MK394805
SUB5025860 OTU049_1105514	MK394806
SUB5025860 OTU147_1108185	MK394807
SUB5025860 OTU173_1113489	MK394808
SUB5025860 OTU108_1133002	MK394809
SUB5025860 OTU102_1144831	MK394810
SUB5025860 OTU015_1145860	MK394811
SUB5025860 OTU158_131159	MK394812
SUB5025860 OTU073_131798	MK394813
SUB5025860 OTU177_134526	MK394814
SUB5025860 OTU179_141106	MK394815
SUB5025860 OTU013_142411	MK394816
SUB5025860 OTU099_146478	MK394817
SUB5025860 OTU026_147104	MK394818
SUB5025860 OTU150_150504	MK394819
SUB5025860 OTU008_160786	MK394820
SUB5025860 OTU142_163647	MK394821
SUB5025860 OTU112_163842	MK394822
SUB5025860 OTU144_1651529	MK394823
SUB5025860 OTU086_1671560	MK394824
SUB5025860 OTU022_167995	MK394825
SUB5025860 OTU043_170662	MK394826
SUB5025860 OTU159_172221	MK394827
SUB5025860 OTU056_196940	MK394828
SUB5025860 OTU139_202040	MK394829
SUB5025860 OTU171_205306	MK394830
SUB5025860 OTU178_207133	MK394831
SUB5025860 OTU105_210067	MK394832
SUB5025860 OTU097_224206	MK394833
SUB5025860 OTU085_227885	MK394834
SUB5025860 OTU101_2287978	MK394835
SUB5025860 OTU033_232365	MK394836
SUB5025860 OTU092_233716	MK394837
SUB5025860 OTU031_236057	MK394838
SUB5025860 OTU006_238101	MK394839
SUB5025860 OTU107_242720	MK394840
SUB5025860 OTU180_244896	MK394841
SUB5025860 OTU070_2502219	MK394842
SUB5025860 OTU004_251062	MK394843
SUB5025860 OTU138_254336	MK394844
SUB5025860 OTU117_263608	MK394845
SUB5025860 OTU170_2694602	MK394846
SUB5025860 OTU087_269608	MK394847
SUB5025860 OTU160_271962	MK394848
SUB5025860 OTU017_272259	MK394849
SUB5025860 OTU078_272782	MK394850
SUB5025860 OTU001_275442	MK394851

SUB5025860 OTU055_281143	MK394852
SUB5025860 OTU119_282750	MK394853
SUB5025860 OTU113_286918	MK394854
SUB5025860 OTU182_2946778	MK394855
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SUB5025860 OTU062_304435	MK394857
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SUB5025860 OTU082_816596	MK394959
SUB5025860 OTU028_81732	MK394960
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SUB5025860 OTU068_817929	MK394962
SUB5025860 OTU174_818326	MK394963
SUB5025860 OTU154_825276	MK394964
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SUB5025860 OTU029_840041	MK394966
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SUB5025860 OTU081_869526	MK394968
SUB5025860 OTU116_876256	MK394969
SUB5025860 OTU057_885968	MK394970
SUB5025860 OTU0163_88929	MK394971
SUB5025860 OTU053_89676	MK394972
SUB5025860 OTU183_91285	MK394973
SUB5025860 OTU153_94600	MK394974
SUB5025860 OTU018_993270	MK394975
SRX9911743-746(16S rRNA) and SRX9911422-425 (<i>nosZ</i>)	PRJNA693821
