SUPPLEMENTARY MATERIAL

Characterization of the endophytic bacterial community of *Bituminaria* bituminosa plant grown in vitro and its interaction with plant extract

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Supplementary Figure S1: example of Cross-streaking test performed on a part of the isolated bacterial and yeast strains.

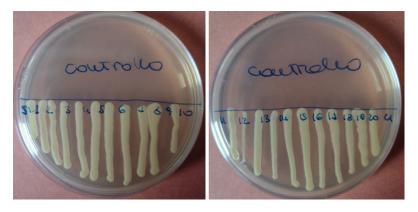
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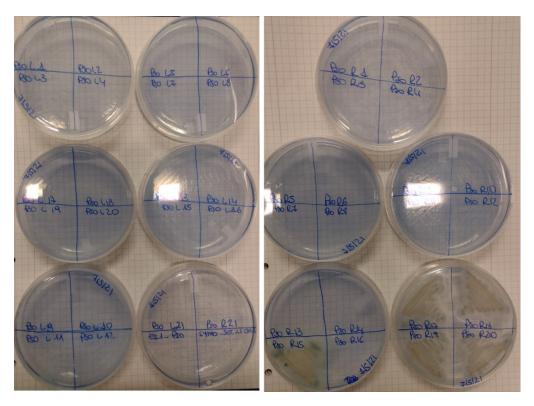
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Supplementary Figure S2: Control plates for the Cross-streaking tests on all the isolated bacterial and yeast strains.

Supplementary Table S1: result of the cross streaking experiment performed between the seed and root isolated strains (tester strains) and the seed and aerial part isolated strains (target strains).

			Tester strains - Roots and Seeds																				
		Pso_R_1	Pso_R_2	Pso_R_3	Pso_R_4	Pso_R_5	Pso_R_6	Pso_R_7	Pso_R_8	Pso_R_9	Pso_R_10	Pso_R_11	Pso_R_12	Pso_R_13	Pso_R_14	Pso_R_15	Pso_R_16	Pso_R_17	Pso_R_18	Pso_R_19	Pso_R_20	Pso_R_21	ES_1_Pso
Target strains - leaves and seeds	Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	ES_1_Pso	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	Pso_L_1	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	Pso_L_2	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	Pso_L_3	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	Pso_L_4	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	Pso_L_5	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	Pso_L_6	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	Pso_L_7	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	Pso_L_8	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	Pso_L_9	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	Pso_L_10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	Pso_L_11	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	Pso_L_12	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	Pso_L_13	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	Pso_L_14	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	Pso_L_15	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	Pso_L_16	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	Pso_L_17	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	Pso_L_18	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	Pso_L_19	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	Pso_L_20	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	Pso_L_21	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+



Supplementary Figure S3: example of biosurfactant production test on the isolated endophytic strains.