

Supplementary Material

Monitoring the Antibacterial Effect of Rosin Acids in an Austrian Beet Sugar Plant by Amplicon-Based Sequencing and Flow Cytometry

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Supplementary includes:

Figure S1: Rarefaction curves of alpha diversity (Simpson and Shannon) of all samples of the industrial trail in 2017/2018 in an Austrian sugar beet factory using 3 mg/L rosin acid-based product (Defostab 220) compared with no treatment. Detailed sample description in Table S1.

Table S1. Data description of Figure S1 including sampling code, sampling point, sampling date and treatment with 3 mg/L rosin acid-based product (Defostab 220) during the sugar beet process. 0: no treatment.s

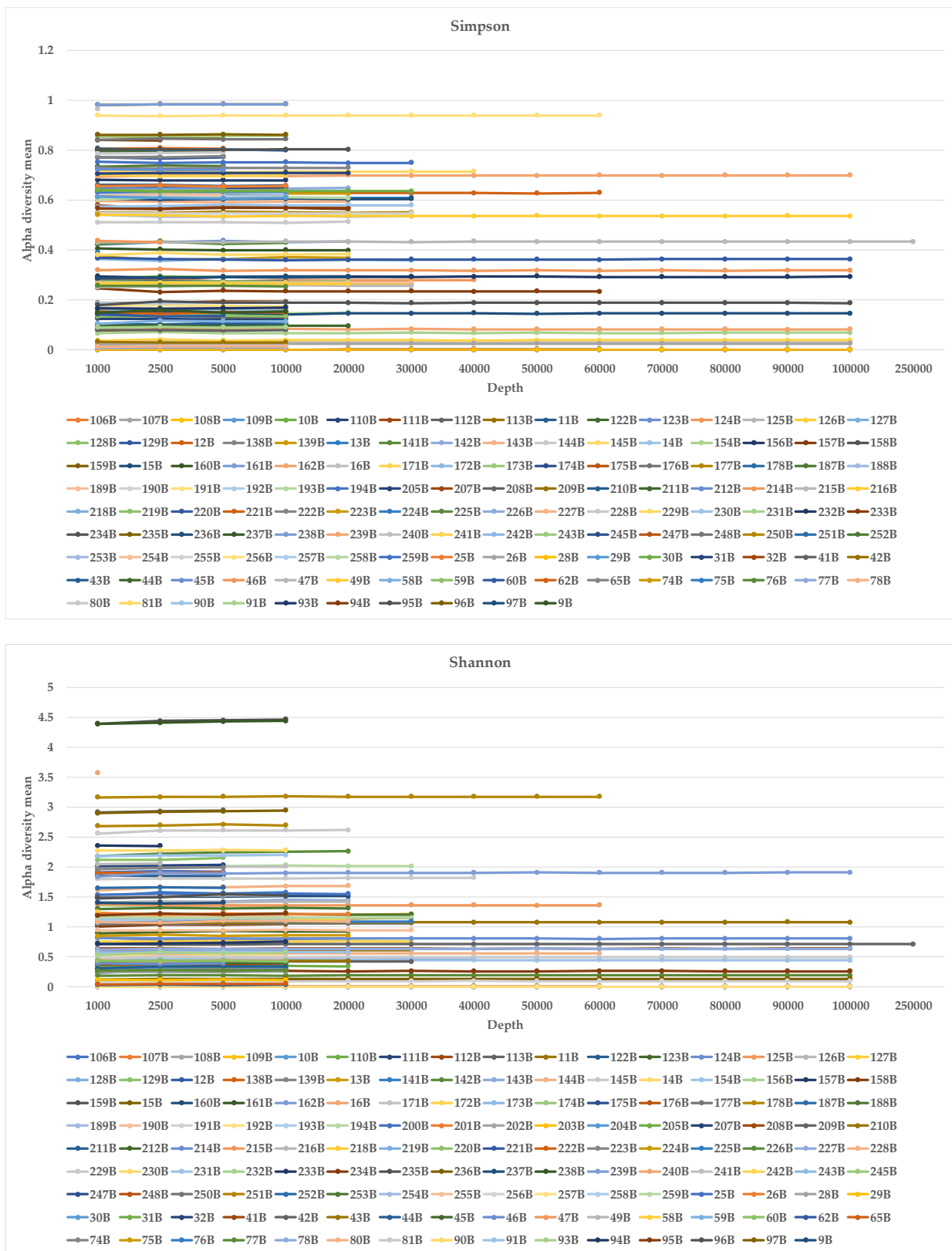


Figure S1. Rarefaction curves of alpha diversity (Simpson and Shannon) of all samples of the industrial trail in 2017/2018 in an Austrian sugar beet factory using 3 mg/L rosin acid-based product (Defostab 220) compared with no treatment. Detailed sample description in **Table S1**.

Table S1. Data description of **Figure S1** including sampling code, sampling point, sampling date and treatment with 3 mg/L rosin acid-based product (Defostab 220) during the sugar beet process. 0: no treatment.

Sample Code	Sampling Point	Sampling Date	Treatment
9B	press water	22.11.2017	Defostab
10B	juice of mid-tower 1	22.11.2017	Defostab
11B	juice of mid-tower 2	22.11.2017	Defostab
12B	tower juice 1	22.11.2017	Defostab
13B	tower juice 2	22.11.2017	Defostab
14B	cossette-juice mixture 2	22.11.2017	Defostab
15B	cossette-juice mixture 1	22.11.2017	Defostab
16B	raw juice	22.11.2017	Defostab
25B	press water	23.11.2017	Defostab
26B	juice of mid-tower 1	23.11.2017	Defostab
27B	juice of mid-tower 2	23.11.2017	Defostab
28B	tower juice 1	23.11.2017	Defostab
29B	tower juice 2	23.11.2017	Defostab
30B	cossette-juice mixture 2	23.11.2017	Defostab
31B	cossette-juice mixture 1	23.11.2017	Defostab
32B	raw juice	23.11.2017	Defostab
41B	press water	27.11.2017	0
42B	juice of mid-tower 1	27.11.2017	0
43B	juice of mid-tower 2	27.11.2017	0
44B	tower juice 1	27.11.2017	0
45B	tower juice 2	27.11.2017	0
46B	cossette-juice mixture 2	27.11.2017	0
47B	cossette-juice mixture 1	27.11.2017	0
49B	raw juice	27.11.2017	0
58B	press water	28.11.2017	0
59B	juice of mid-tower 1	28.11.2017	0
60B	juice of mid-tower 2	28.11.2017	0
62B	tower juice 2	28.11.2017	0
63B	cossette-juice mixture 2	28.11.2017	0
64B	cossette-juice mixture 1	28.11.2017	0
65B	raw juice	28.11.2017	0
74B	press water	13.12.2017	Defostab
75B	juice of mid-tower 1	13.12.2017	Defostab
76B	juice of mid-tower 2	13.12.2017	Defostab
77B	tower juice 1	13.12.2017	Defostab
78B	tower juice 2	13.12.2017	Defostab
79B	cossette-juice mixture 2	13.12.2017	Defostab
80B	cossette-juice mixture 1	13.12.2017	Defostab
81B	raw juice	13.12.2017	Defostab
90B	press water	14.12.2017	Defostab
91B	juice of mid-tower 1	14.12.2017	Defostab
93B	tower juice 1	14.12.2017	Defostab
94B	tower juice 2	14.12.2017	Defostab
95B	cossette-juice mixture 2	14.12.2017	Defostab
96B	cossette-juice mixture 1	14.12.2017	Defostab
97B	raw juice	14.12.2017	Defostab
106B	press water	18.12.2017	0
107B	juice of mid-tower 1	18.12.2017	0

108B	juice of mid-tower 2	18.12.2017	0
109B	tower juice 1	18.12.2017	0
110B	tower juice 2	18.12.2017	0
111B	cossette-juice mixture 2	18.12.2017	0
112B	cossette-juice mixture 1	18.12.2017	0
113B	raw juice	18.12.2017	0
122B	press water	19.12.2017	0
123B	juice of mid-tower 1	19.12.2017	0
124B	juice of mid-tower 2	19.12.2017	0
125B	tower juice 1	19.12.2017	0
126B	tower juice 2	19.12.2017	0
127B	cossette-juice mixture 2	19.12.2017	0
128B	cossette-juice mixture 1	19.12.2017	0
129B	raw juice	19.12.2017	0
138B	press water	03.01.2018	Defostab
139B	juice of mid-tower 1	03.01.2018	Defostab
140B	juice of mid-tower 2	03.01.2018	Defostab
141B	tower juice 1	03.01.2018	Defostab
142B	tower juice 2	03.01.2018	Defostab
143B	cossette-juice mixture 2	03.01.2018	Defostab
144B	cossette-juice mixture 1	03.01.2018	Defostab
145B	raw juice	03.01.2018	Defostab
154B	press water	04.01.2018	Defostab
156B	juice of mid-tower 1	04.01.2018	Defostab
157B	juice of mid-tower 2	04.01.2018	Defostab
158B	tower juice 1	04.01.2018	Defostab
159B	tower juice 2	04.01.2018	Defostab
160B	cossette-juice mixture 2	04.01.2018	Defostab
161B	cossette-juice mixture 1	04.01.2018	Defostab
162B	raw juice	04.01.2018	Defostab
171B	press water	08.01.2018	0
172B	juice of mid-tower 1	08.01.2018	0
173B	juice of mid-tower 2	08.01.2018	0
174B	tower juice 1	08.01.2018	0
175B	tower juice 2	08.01.2018	0
176B	cossette-juice mixture 2	08.01.2018	0
177B	cossette-juice mixture 1	08.01.2018	0
178B	raw juice	08.01.2018	0
187B	press water	09.01.2018	0
188B	juice of mid-tower 1	09.01.2018	0
189B	juice of mid-tower 2	09.01.2018	0
190B	tower juice 1	09.01.2018	0
191B	tower juice 2	09.01.2018	0
192B	cossette-juice mixture 2	09.01.2018	0
193B	cossette-juice mixture 1	09.01.2018	0
194B	raw juice	09.01.2018	0
200B	fresh water	23.11.2017	Defostab
201B	fresh water	13.12.2017	Defostab
202B	fresh water	14.12.2017	Defostab
203B	fresh water	18.12.2017	0
204B	fresh water	19.12.2017	0

205B	fresh water	03.01.2018	Defostab
207B	eluat before UV-treatment	13.12.2017	Defostab
208B	eluat before UV-treatment	14.12.2017	Defostab
209B	eluat before UV-treatment	18.12.2017	0
210B	eluat before UV-treatment	19.12.2017	0
211B	eluat before UV-treatment	03.01.2018	Defostab
212B	eluat before UV-treatment	04.01.2018	Defostab
214B	eluat after UV-treatment	14.12.2017	Defostab
215B	eluat after UV-treatment	18.12.2017	0
216B	eluat after UV-treatment	19.12.2017	0
218B	eluat after UV-treatment	04.01.2018	Defostab
219B	thin juice	23.11.2017	Defostab
220B	thin juice	13.12.2017	Defostab
221B	thin juice	14.12.2017	Defostab
222B	thin juice	18.12.2017	0
223B	thin juice	19.12.2017	0
224B	thin juice	03.01.2018	Defostab
225B	thin juice	04.01.2018	Defostab
226B	hard juice	13.12.2017	Defostab
227B	hard juice	14.12.2017	Defostab
228B	hard juice	18.12.2017	0
229B	hard juice	19.12.2017	0
230B	hard juice	03.01.2018	Defostab
231B	hard juice	04.01.2018	Defostab
232B	hard juice	22.11.2017	Defostab
233B	hard juice	23.11.2017	Defostab
234B	hard juice	27.11.2017	0
235B	hard juice	08.01.2018	0
236B	hard juice	09.01.2018	0
237B	thin juice	22.11.2017	Defostab
238B	thin juice	27.11.2017	0
239B	thin juice	08.01.2018	0
240B	thin juice	09.01.2018	0
241B	fresh water	27.11.2017	0
242B	eluat before UV-treatment	27.11.2017	0
243B	eluat after UV-treatment	27.11.2017	0
245B	eluat after UV-treatment	22.11.2017	Defostab
247B	eluat after UV-treatment	23.11.2017	Defostab
248B	eluat after UV-treatment	08.01.2018	0
250B	eluat before UV-treatment	22.11.2017	Defostab
251B	fresh water	09.01.2018	0
252B	eluat after UV-treatment	09.01.2018	0
253B	eluat before UV-treatment	09.01.2018	0
254B	fresh water	08.01.2018	0
255B	eluat before UV-treatment	08.01.2018	0
256B	hard juice	28.11.2017	0
257B	thin juice	28.11.2017	0
258B	eluat before UV-treatment	28.11.2017	0
259B	eluat after UV-treatment	28.11.2017	0
