

Supplement Table S1. Temperature and pH growth profiles of *Rhodotorula* isolates during time

Yeast isolate	Time (h)																			
	24h				48h				72h				96h				120h			
	Temperatures (°C)																			
	20	30	37	44	20	30	37	44	20	30	37	44	20	30	37	44	20	30	37	44
top 30	3	3	1	0	3	3	1	0	3	3	2	0	3	3	2	0	3	3	2	0
KV1105	2	3	0	0	3	3	0	0	3	3	0	0	3	3	0	0	3	3	0	0
CRV	1	1	0	0	2	1	0	0	2	3	0	0	3	3	0	0	3	3	0	0
4_34	2	2	1	0	3	3	1	0	3	3	1	0	3	3	1	0	3	3	1	0
FK3	1	1	0	0	2	2	0	0	2	3	0	0	3	3	0	0	3	3	1	0

Yeast isolate	Time (h)																			
	24				48				72				96				120			
	pH																			
	3	5	7	9	3	5	7	9	3	5	7	9	3	5	7	9	3	5	7	9
top 30	1	2	2	0	1	3	2	1	2	3	3	1	2	3	3	1	3	3	3	1
KV1105	0	1	2	0	0	2	2	1	1	3	2	1	1	3	3	1	1	3	3	1
CRV	1	2	2	0	2	2	2	0	2	3	3	0	3	3	3	0	3	3	3	0
4_34	2	1	1	0	3	2	1	0	3	3	2	1	3	3	3	1	3	3	3	1
FK3	0	2	2	0	0	3	3	1	1	3	3	1	2	3	3	1	3	3	3	1