

Table S1. Dimensions of the cells of kefir yeast strains after the culture in YPD medium.

Strain	Length [μm]	Width [μm]	Area [μm^2]
<i>Candida inconspicua</i> IG 11	3.04 ± 0.72	1.86 ± 0.32	4.45 ± 1.62
<i>Debaryomyces hansenii</i> I	1.84 ± 0.45	1.80 ± 0.45	2.88 ± 1.22
<i>Debaryomyces hansenii</i> IG II	1.79 ± 0.35	1.75 ± 0.45	2.47 ± 1.20
<i>Debaryomyces hansenii</i> IG 01	2.03 ± 0.34	1.99 ± 0.35	3.42 ± 1.04
<i>Kazachstania unispora</i> IG 16	2.42 ± 0.51	1.89 ± 0.38	3.30 ± 1.24
<i>Kluyveromyces marxianus</i> IG 1	2.90 ± 0.64	1.68 ± 0.32	3.87 ± 1.39
<i>Zygorulasporea florentina</i> IG 12	2.46 ± 0.47	2.27 ± 0.42	4.75 ± 1.42

Table S2. Maximum growth rates (μ_{\max}) of kefir yeast strain during incubation in Bioscreen C.

Strain	YPGlu	YPLac	YPGly	DPWGlu	DPWLac	DPWGly
	$\mu_{\max} (\text{h}^{-1})$					
<i>Candida inconspicua</i> IG 11	$0.200 \pm 0.05^{\text{b,c}}$	$0.061 \pm 0.01^{\text{b}}$	$0.078 \pm 0.01^{\text{b}}$	$0.098 \pm 0.08^{\text{c}}$	$0.037 \pm 0.06^{\text{a}}$	$0.045 \pm 0.02^{\text{a}}$
<i>Debaryomyces hansenii</i> 1	$0.137 \pm 0.04^{\text{b}}$	$0.071 \pm 0.02^{\text{b}}$	$0.082 \pm 0.03^{\text{b}}$	$0.088 \pm 0.02^{\text{b}}$	$0.051 \pm 0.02^{\text{b}}$	$0.094 \pm 0.04^{\text{c}}$
<i>Debaryomyces hansenii</i> IG II	$0.130 \pm 0.05^{\text{b}}$	$0.095 \pm 0.03^{\text{b,c}}$	$0.047 \pm 0.03^{\text{a}}$	$0.038 \pm 0.04^{\text{a}}$	$0.029 \pm 0.02^{\text{a}}$	$0.021 \pm 0.01^{\text{a}}$
<i>Debaryomyces hansenii</i> IG 01	$0.152 \pm 0.04^{\text{b}}$	$0.050 \pm 0.02^{\text{a}}$	$0.045 \pm 0.01^{\text{a}}$	$0.033 \pm 0.02^{\text{a}}$	$0.027 \pm 0.01^{\text{a}}$	$0.054 \pm 0.02^{\text{b}}$
<i>Kazachstania unispora</i> IG 16	$0.072 \pm 0.01^{\text{a}}$	$0.064 \pm 0.01^{\text{b}}$	$0.063 \pm 0.02^{\text{a,b}}$	$0.081 \pm 0.02^{\text{b}}$	$0.074 \pm 0.01^{\text{c}}$	$0.037 \pm 0.03^{\text{a}}$
<i>Kluyveromyces marxianus</i> IG 1	$0.077 \pm 0.02^{\text{a}}$	$0.069 \pm 0.03^{\text{b}}$	$0.045 \pm 0.02^{\text{a}}$	$0.067 \pm 0.03^{\text{b}}$	$0.062 \pm 0.02^{\text{b}}$	$0.064 \pm 0.02^{\text{b}}$
<i>Zygorulaspora florentina</i> IG 12	$0.190 \pm 0.05^{\text{c}}$	$0.036 \pm 0.02^{\text{a}}$	$0.030 \pm 0.03^{\text{a}}$	$0.034 \pm 0.01^{\text{a}}$	$0.030 \pm 0.01^{\text{a}}$	$0.022 \pm 0.01^{\text{a}}$

YPGlu: Yeast peptone agar supplemented with glucose; YPLac: Yeast peptone agar supplemented with lactose; YPGly: Yeast peptone agar supplemented with glycerol; DPWGlu: deproteinated potato wastewater supplemented with glucose; DPWLac: deproteinated potato wastewater supplemented with lactose; DPWGly: deproteinated potato wastewater supplemented with glycerol.

Fig. S1 Phylogenetic analysis of yeast isolates.

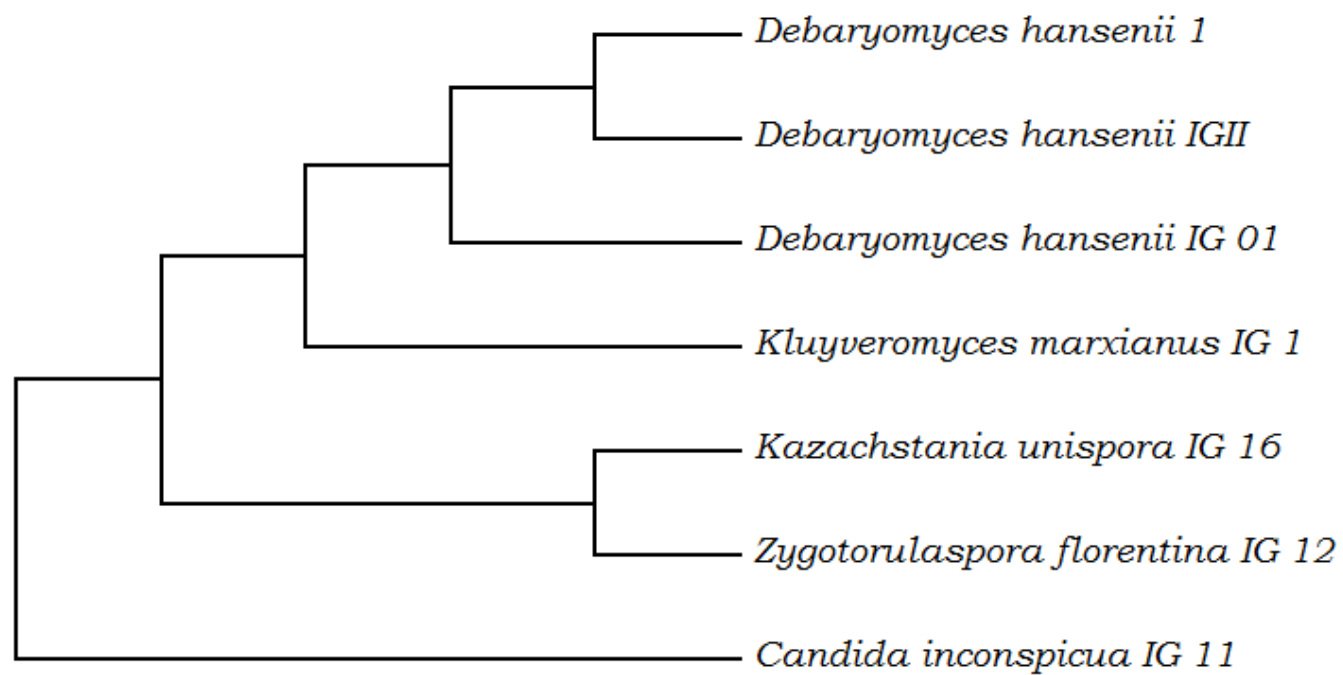


Fig. S2 Electrophoretic separation of proteins of deproteinized potato wastewater.

