Supplementary Table 5. The changes in individual monosaccharide contents (mg/L) in ginkgo kernel juice during lactic acid fermentation with the addition of macroporous resin

	Fermentation time (h)	Different treatments													
		D101	DA201	Y2	Y2+D101	Y2+DA201	Y3	Y3+D101	Y3+DA201	Y4	Y4+D101	Y4+DA201	T7	T7+D101	T7+DA201
glucose	0	20.58±3.64^{cd}	20.58±3.64^{cd}	20.58±3.64^{cd}	20.58±3.64^{cd}	20.58±3.64^{cd}	20.58±3.64^{cd}	20.58±3.64^{cd}	20.58±3.64^{cd}	20.58±3.64^{cd}	20.58±3.64^{cd}	20.58±3.64^{cd}	20.58±3.64^{cd}	20.58±3.64^{cd}	20.58±3.64^{cd}
	24	19.25±2.64^{d}	19.42±1.98^{d}	25.34±1.64^{a}	22.66±2.74^{c}	24.72±2.54^{a}	18.90±1.84^{d}	12.19±1.74^{hg}	15.53±1.31^{e}	19.29±2.01^{d}	12.57±1.03^{g}	14.78±1.31^{e}	13.89±1.22^{efg}	5.06±0.50^{mno}	7.46±0.21^{ijklm}
	48	19.83±3.01^{d}	19.11±2.74^{d}	8.75±0.66^{ijk}	7.88±0.78^{ijkl}	8.01±0.83^{ijkl}	9.37±0.90^{ij}	5.91±0.51^{lmn}	8.39±0.43^{ijkl}	6.19±0.56^{klmn}	3.65±0.31^{no}	10.02±1.21^{hi}	7.25±0.71^{ijkl}	3.20±0.30^{o}	6.86±0.61^{ijkl}
fructose	0	10.17±1.43^{a}	10.17±1.43^{a}	10.17±1.43^{a}	10.17±1.43^{a}	10.17±1.43^{a}	10.17±1.43^{a}	10.17±1.43^{a}	10.17±1.43^{a}	10.17±1.43^{a}	10.17±1.43^{a}	10.17±1.43^{a}	10.17±1.43^{a}	10.17±1.43a	10.17±1.43^{a}
	24	10.49±1.54^{a}	11.18±1.11^{a}	5.95±0.72^{de}	5.21±0.53^{def}	5.35±0.51^{def}	6.34±0.62^{cd}	5.28±0.57^{def}	6.16±0.66^{d}	8.17±0.21^{b}	7.45±0.72^{bc}	8.01±0.84^{b}	6.38±0.53^{cd}	5.34±0.51^{def}	6.00±0.61^{d}
	48	10.49±0.99^{a}	10.20±1.01^{a}	4.69±0.41^{fg}	4.41±0.39^{fgh}	4.37±0.31^{fgh}	4.76±0.51^{ef}	4.43±0.40^{fgh}	4.68±0.50^{gh}	4.71±0.34^{gh}	4.47±0.29^{gh}	4.42±0.44^{fgh}	3.47±0.35^{ghi}	2.87±0.34^{i}	3.22±0.31^{hi}
rhamnose	0	4.23±0.53^{a}	4.23±0.53^{a}	4.23±0.53^{a}	4.23±0.53^{a}	4.23±0.53^{a}	4.23±0.53^{a}	4.23±0.53^{a}	4.23±0.53^{a}	4.23±0.53^{a}	4.23±0.53^{a}	4.23±0.53^{a}	4.23±0.53^{a}	4.23±0.53^{a}	4.23±0.53^{a}
	24	4.20±0.25^{a}	4.21±0.34^{a}	3.18±0.36^{bcde}	3.07±0.21^{bcde}	3.12±0.30^{bcde}	3.24±0.29^{bcd}	3.20±0.31^{bcd}	3.25±0.20^{bcd}	3.33±0.26^{bc}	3.21±0.53^{bcd}	3.26±0.36^{bcd}	3.42±0.52^{b}	3.29±0.28^{bcd}	3.33±0.26^{bc}
	48	4.18±0.54^{a}	4.19±0.31^{a}	2.67±0.33^{def}	2.47±0.27^{f}	2.55±0.30^{ef}	2.84±0.31^{bcdef}	2.77±0.29^{cdef}	2.89±0.30^{bcdef}	2.74±0.22^{cdef}	2.66±0.28^{def}	2.69±0.11^{cdef}	2.83±0.15^{bcdef}	2.74±0.31^{cdef}	2.69±0.13^{cdef}
galactose	0	3.22±0.22^{a}	3.22±0.22^{a}	3.22±0.22^{a}	3.22±0.22^{a}	3.22±0.22^{a}	3.22±0.22^{a}	3.22±0.22^{a}	3.22±0.22^{a}	3.22±0.22^{a}	3.22±0.22^{a}	3.22±0.22^{a}	3.22±0.22^{a}	3.22±0.22^{a}	3.22±0.22^{a}
	24	3.20±0.30^{a}	3.24±0.26^{a}	2.01±0.18^{b}	1.93±0.16^{bc}	1.90±0.21^{bc}	1.83±0.22^{bced}	1.79±0.13^{bcdef}	1.88±0.02^{bcd}	1.48±0.09^{efg}	1.46±0.13^{efg}	1.49±0.07^{cdefg}	1.66±0.17^{bcdefg}	1.60±0.23^{cdefg}	1.64±0.20^{bcdefg}
	48	3.18±0.33	3.25±0.23	1.78±0.25	1.59±0.29	1.73±0.21	1.69±0.18	1.66±0.15	1.69±0.23	1.48±0.08	1.44±0.06	1.47±0.12	1.42±0.03	1.38±0.12	1.40±0.12

		a	a	bcdefg	cdefg	bcdefg	bcdefg	bcdefg	bcdefg	g	g	efg	g	g	g
xylose	0	1.73±0.12 a	1.73±0.12 a	1.73±0.12 a	1.73±0.12 a	1.73±0.12 a	1.73±0.12 a	1.73±0.12 a	1.73±0.12 a	1.73±0.12 a	1.73±0.12 a	1.73±0.12 a	1.73±0.12[a]	1.73±0.12 a	1.73±0.12 a
	24	1.73±0.14 a	1.66±0.12 a	1.72±0.11 a	1.23±0.13 bcd	1.20±0.09 bcd	1.31±0.11 b	1.27±0.32 bc	1.22±0.11 bcd	1.28±0.09 bc	1.20±0.11 bcd	1.17±0.08 bcd	1.18±0.12 bcd	1.23±0.20 bcd	1.20±0.22 bcd
	48	1.53±0.12 a	1.62±0.10 a	1.13±0.12 bcd	1.00±0.11 d	1.03±0.09 cd	1.03±0.13 cd	1.01±0.09 d	1.04±0.03 cd	1.13±0.13 bcd	1.10±0.09 bcd	1.11±0.10 bcd	1.08±0.06 bcd	1.05±0.08 cd	1.09±0.31 bcd
arabinose	0	0.31±0.04 bcd	0.31±0.04 bcd	0.31±0.04 bcd	0.31±0.04 bcd	0.31±0.04 bcd	0.31±0.04 bcd	0.31±0.04 bcd	0.31±0.04 bcd	0.31±0.04 bcd	0.31±0.04 bcd	0.31±0.04 bcd	0.31±0.04 bcd	0.31±0.04 bcd	0.31±0.04 bcd
	24	0.31±0.02 bcd	0.33±0.04 ab	0.32±0.03 abc	0.28±0.03 cdef	0.27±0.02 defg	0.27±0.02 defg	0.26±0.03 efgh	0.25±0.03 efghi	0.25±0.02 efghi	0.26±0.03 efgh	0.26±0.02 efgh	0.26±0.03 efgh	0.24±0.02 fghi	0.24±0.03 fghi
	48	0.30±0.03 bcde	0.36±0.03 a	0.25±0.03 efghi	0.23±0.03 fghi	0.24±0.03 fghi	0.22±0.02 hig	0.21±0.02 hi	0.21±0.02 hi	0.22±0.02 ghi	0.22±0.02 ghi	0.22±0.02 ghi	0.20±0.02 ghi	0.20±0.02 i	0.20±0.03 i

Note: the letters in the table indicate significant differences in different treatments and fermentation times（p<0.05）

D101: unfermented samples with the addition of macroporous resin D101; **DA201**: samples with the addition of macroporous resin DA201;**Y2**: *L. plantarum* Y2 fermented samples without the addition of macroporous resin; **Y2+D101**: *L. plantarum* Y2 fermented samples with the addition of macroporous resin D101;**Y2+DA201**: *L. plantarum* Y2 fermented samples with the addition of macroporous resin DA201; **Y3**: *L. plantarum* Y3 fermented samples without the addition of macroporous resin; **Y3+D101**: *L. plantarum* Y3 fermented samples with the addition of macroporous resin D101; **Y3+DA201**: *L. plantarum* Y3 fermented samples with the addition of macroporous resin DA201;**Y4**: *L. plantarum* Y4 fermented samples without the addition of macroporous resin; **Y4+D101**: *L. plantarum* Y4 fermented samples with the addition of macroporous resin D101;**Y4+DA201**: *L. plantarum* Y4 fermented samples with the addition of macroporous resin DA201; **T7**: *L. plantarum* T7 fermented samples without the addition of macroporous resin;**T7+D101**: *L. plantarum* T7 fermented samples with the addition of macroporous resin D101; **T7+DA201**: *L. plantarum* T7 fermented samples with the addition of macroporous resin DA201.