Production of high-content galacto-oligosaccharide by enzyme catalysis and fermentation with *Kluyveromyces marxianus*

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In Table 1 of the original the values in the row showing Reaction temperature and time were incorrectly placed. The correct Table 1 is shown overleaf.

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Table 1 Comparison of low-content GOS produced by three β -galactosidases under various conditions. The results were obtained from duplicated experiments

Source of enzyme		<i>A. oryzae</i>		<i>K. lactis</i>		<i>Bacillus</i> sp.			
Enzyme dose per g lactose	(U)	6.2	6.2	13	10	4.5	4.5	5.6	5.6
Reaction temperature and time		30°C 5 h	50°C 5 h	30°C 3 h	40°C 3 h	50°C 3 h	50°C 5 h	50°C 3 h	50°C 5 h
Total GOS	(g l ⁻¹)	53.5	70.4	71.3	116.6	91.6	108.2	110.2	110.6
GOS-2		–	–	(42.2)	(74.9)	(10.3)	(14.6)	(18.4)	(32.9)
GOS-3		(53.5)	(70.4)	(29.1)	(41.6)	(71.0)	(79.5)	(73.0)	(62.5)
GOS-4		–	–	–	–	(10.3)	(14.0)	(18.8)	(15.0)
Glucose		34.8	42.8	92.0	78.7	33.3	43.0	54.4	84.6
Galactose		13.9	17.4	46.6	53.1	8.4	11.1	18.1	20.2
Lactose		227.6	199.3	120.0	81.5	196.6	167.5	146.1	114.4
Conversion rate ^a	(%)	52	54	34	47	69	67	60	51
Yield ^b	(%)	16	21	22	35	28	33	33	34

^a mass ratio of GOS to the consumed lactose^b mass ratio of GOS to the initial lactose