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Corrigendum to “¹H NMR analysis of the lactose/β-galactosidase-derived galacto-oligosaccharide components of Vivinal® GOS up to DP5” [Carbohydr. Res. 400 (2014) 59–73]

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Corrigendum

Corrigendum to “¹H NMR analysis of the lactose/β-galactosidase-derived galacto-oligosaccharide components of Vivinal® GOS up to DP5” [Carbohydr. Res. 400 (2014) 59–73] Sander S. van Leeuwen^a, Bas J. H. Kuipers^b, Lubbert Dijkhuizen^{a,*}, Johannis P. Kamerling^a^a Microbial Physiology, Groningen Biomolecular Sciences and Biotechnology Institute (GBB), University of Groningen, Nijenborgh 7, NL-9747 AG Groningen, The Netherlands^b Friesland Campina, Stationsplein 4, NL-3818 LE Amersfoort, The Netherlands

The authors regret that upon reinjecting the isolated GOS fractions from preparative CarboPac PA-1 column separations on the analytical CarboPac PA-1 column, some fraction numbers have gotten mixed up, leading to erroneous peak markings in HPAEC-PAD Figure 3 CDE and corresponding GU values in Schemes 1, 2, and 3. The authors would like to apologize for any inconvenience caused.

Here we present a corrected Fig. 3 and a short table (Table 1) with corrected GU values for the impacted structures. The elution time and GU value of fraction **DP4f1a** have been confirmed by analysis of this structure derived from organic synthesis.

Table 1

Corrected GU values of structures that were erroneously marked

Fraction	Corrected GU
DP3f2	1.70
DP3f3	1.89
DP4f1a	2.03
DP4f1b	2.16
DP4f2	2.66
DP4f3a	2.70
DP4f3a	1.69–1.71
DP4f3b	1.69–1.71
DP4f3c	1.69–1.71
DP4f3d	1.69–1.71
DP4f3e	1.69–1.71
DP5f1a	2.81–2.89
DP5f1b	2.81–2.89
DP5f1c	2.81–2.89
DP5f2a	3.20–3.24
DP5f2b	3.20–3.24
DP5f2c	3.20–3.24
DP5f3a	1.79–1.82
DP5f3b	1.79–1.82
DP5f3c	1.79–1.82

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Fig. 3. Analytical HPAEC-PAD profiles of (A) Vivinal® GOS, (B) DP2 pool, (C) DP3 pool, (D) DP4 pool, and (E) DP5 pool. Calibration against an external ladder of malto-oligosaccharides (DP1–8) is indicated by a GU (glucose units) scale. For elution protocols, see Experimental. Isolated and identified peaks are marked.