A. G. Filoteo, N. Juranic, A. Penheiter, A. J. Caride, J. T. Penniston, and E. E. Strehler. 2007. The C-terminal tail of human plasma membrane calcium ATPase isoform 4b is intrinsically disordered. *Biophys. J.* (Suppl. S):8A (Abstr.)

The list of authors should have included Dr. Sergei Venyaminov, who did the work on circular dichroism measurements and analyses for this study. The authorship should have appeared as written below:

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Cristina S. Pereira, David Kony, Riccardo Baron, Martin Müller, Wilfred F. van Gunsteren, and Philippe H. Hünenberger. 2006. Conformational and dynamical properties of disaccharides in water: a molecular dynamics study. *Biophys. J.* 90:4337–4344.

We recently reported a detailed analysis of the conformational and dynamical properties of the eight reducing glucose disaccharides based on explicit-solvent molecular dynamics simulations with the GROMOS 45A4 force field. Unfortunately, due to an error in the reconstruction of the molecular connectivity by application of periodic boundary conditions along the trajectories, the reported results for the analysis of the configurational entropies (Fig. 3 and Table 4 of the original article) were incorrect. The problem only occurred for this specific analysis, and did not affect all other reported analyses (distribution of glycosidic dihedral angles, occurrence of intramolecular hydrogen bonds, and dynamics of the dihedral angles).

The corrected results are reported in Table 1 and Fig. 1 of this erratum, replacing Table 4 and Fig. 3 of the original article, for the disaccharides kojibiose (**K**), sophorose (**S**), nigerose (**N**), laminarabiose (**L**), maltose (**M**), cellobiose (**C**), isomaltose (**I**), and gentiobiose (**G**). Fig. 1 displays, for each disaccharide, the cumulative configurational quasi-harmonic entropy estimate

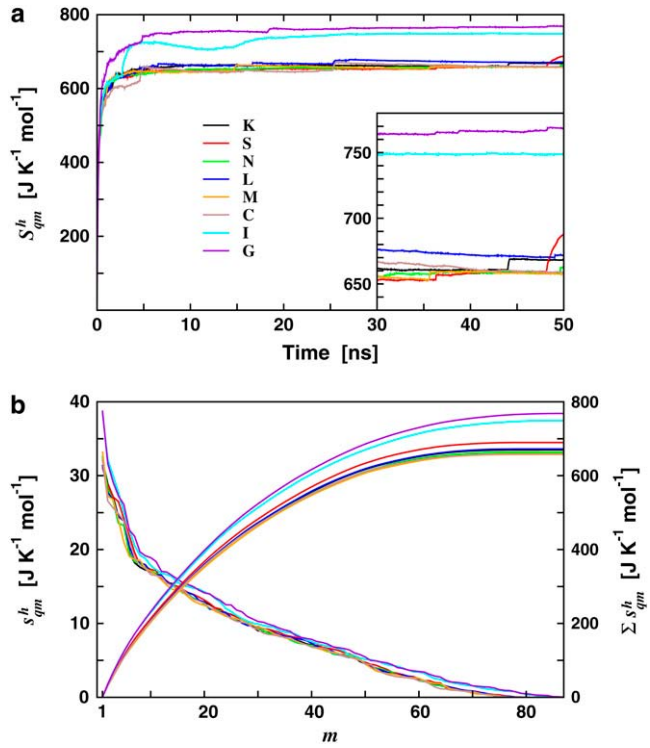

FIGURE 1 Buildup curves of the quasi-harmonic entropy S^{h}_{qm} for the eight disaccharides considered as a function of the sampling time (*a*; the *inset* focuses on the last 20 ns of the main panel), and corresponding entropy contributions s^{h}_{qm} (*m*) per mode (based on the full 50 ns simulations) displayed as a function of the eigenvector index *m* (*b*; *left scale* and *decreasing curves*) together with the corresponding cumulative sum (*b*; *right scale* and *increasing curves*).