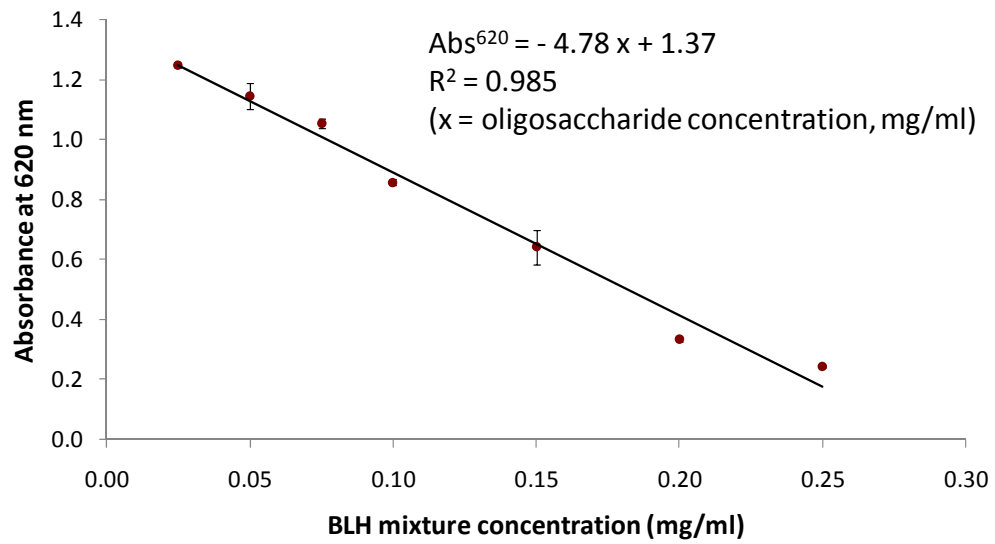


Supplementary Figure 1. Azure A metachromatic activity of CE-PAGE eluted oligosaccharide fractions.



Sample	Concentration (mg/ml)	Absorbance at 620 nm
BLH standard 1 (n=3)	0.025	1.248 ± 0.008
BLH standard 2 (n=3)	0.050	1.144 ± 0.044
BLH standard 3 (n=3)	0.075	1.055 ± 0.016
BLH standard 4 (n=3)	0.100	0.857 ± 0.010
BLH standard 5 (n=3)	0.150	0.642 ± 0.057
BLH standard 6 (n=3)	0.200	0.333 ± 0.009
BLH standard 7 (n=3)	0.250	0.242 ± 0.002

sample (n=3)	absorbance at 620 nm (n=3)	oligosaccharide, $\mu\text{g}$ /fraction
fraction 10	0.6086 $\pm$ 0.0047	38.2 $\pm$ 0.2
fraction 11	0.6142 $\pm$ 0.0056	37.9 $\pm$ 0.3
fraction 13	0.6991 $\pm$ 0.0106	33.6 $\pm$ 0.5
fraction 14	0.6685 $\pm$ 0.0038	35.2 $\pm$ 0.2
fraction 15	0.5952 $\pm$ 0.0038	38.9 $\pm$ 0.2
fraction 16	0.5671 $\pm$ 0.0298	40.3 $\pm$ 1.5
fraction 17	0.5364 $\pm$ 0.0100	41.8 $\pm$ 0.5
fraction 18	0.5071 $\pm$ 0.0114	43.3 $\pm$ 0.6
fraction 19	0.5586 $\pm$ 0.0077	40.7 $\pm$ 0.4
fraction 21	0.5960 $\pm$ 0.0085	38.8 $\pm$ 0.4
fraction 22	0.5759 $\pm$ 0.0087	39.8 $\pm$ 0.4
fraction 24	0.6316 $\pm$ 0.0168	37.0 $\pm$ 0.8
fraction 25	0.6838 $\pm$ 0.0154	34.4 $\pm$ 0.8
fraction 27	0.6999 $\pm$ 0.0188	33.6 $\pm$ 0.9
fraction 28	0.6828 $\pm$ 0.0175	34.5 $\pm$ 0.9
fraction 29	0.6673 $\pm$ 0.0104	35.2 $\pm$ 0.5
fraction 30	0.7312 $\pm$ 0.0147	32.0 $\pm$ 0.7
fraction 31	0.7745 $\pm$ 0.0048	29.9 $\pm$ 0.2
fraction 32	0.7616 $\pm$ 0.0091	30.5 $\pm$ 0.5
fraction 33	0.8191 $\pm$ 0.0124	27.6 $\pm$ 0.6

fractions used for the assay

