

Electronic Supplementary Information

Synthesis of hyaluronic acid oligosaccharides with GlcNAc–GlcA repeating pattern and their binding affinity with CD44

Che-Jui Yeh,^{ab} Medel Manuel L. Zulueta,^c Yaw-Kuen Li^{b*} and Shang-Cheng Hung^{a*}

^a*Genomics Research Center, Academia Sinica, 128, Section 2, Academia Road, Taipei 115, Taiwan. E-mail: chung@gate.sinica.edu.tw*

^b*Department of Applied Chemistry, National Chiao Tung University, 1001, Ta-Hsueh Road, Hsinchu 300, Taiwan. E-mail: ykl@faculty.nctu.edu.tw*

^c*Institute of Chemistry, College of Science, University of the Philippines, Diliman, Quezon City 1101, Philippines.*

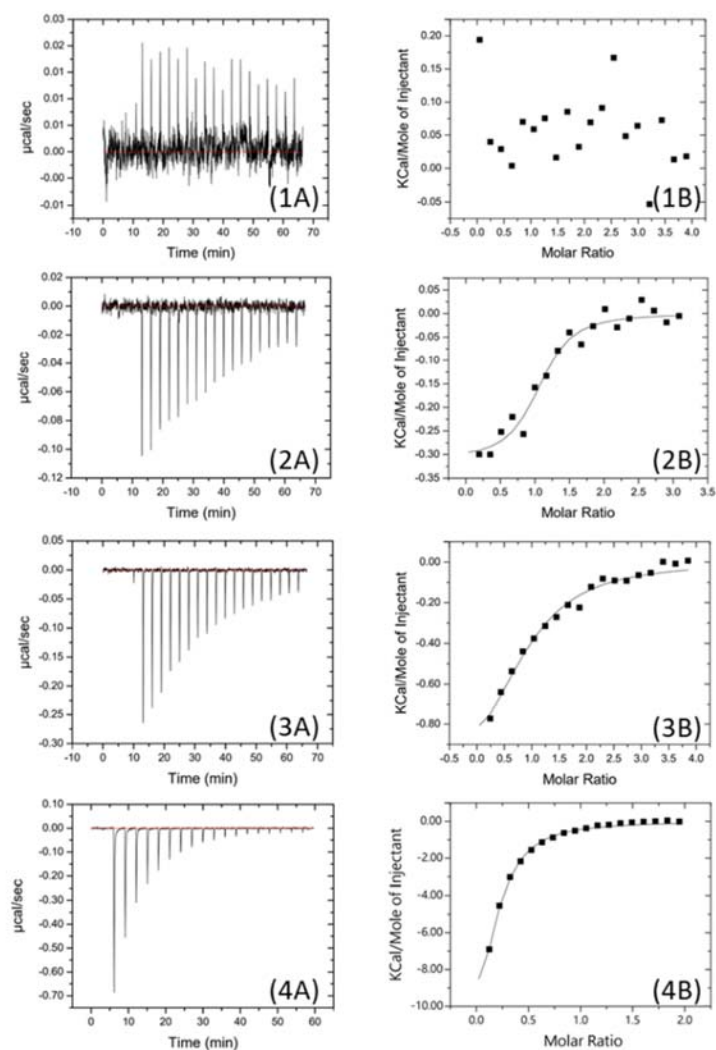


Figure S1 Representative ITC isotherms for hCD44 and HA sugars. Column (A) shows the raw titration data. Column (B) shows the integrated heats of binding generated from the raw data after subtracting the heats of dilution. (1) hCD44 with HA disaccharide. (2) hCD44 with HA tetrasaccharide (3) hCD44 with HA hexasaccharide (4) hCD44 with LMW-HA.

