Supporting information

Synthesis of branched-phosphodiester and mannose-centered fucosylated glycoclusters and their binding studies with *Burkholderia ambifaria* lectin (BambL)

Caroline Ligeour,^[a] Aymeric Audfray,^[b] Emilie Gillon,^[b] Albert, Meyer,^[a] Sébastien Vidal,^[c] Jean-Jacques Vasseur,^[a] Anne Imberty,^{*[b]} François Morvan^{*[a]}

[a] Institut des Biomolécules Max Mousseron UMR 5246 CNRS Université Montpellier 1 Université Montpellier 2, Université Montpellier 2, CC1704, Place E. Bataillon, 34095 Montpellier Cedex 5(France)

[b] CERMAV - CNRS (affiliated with Université Joseph Fourier and ICMG), BP 53, 38041, Grenoble (France)

[c] Institut de Chimie et Biochimie Moléculaires et Supramoléculaires, Laboratoire de Chimie Organique 2 -Glycochimie, UMR 5246, Université Lyon 1 and CNRS, 43 Boulevard du 11 Novembre 1918, 69622, Villeurbanne (France)

morvan@univ-montp2.fr

anne.imberty@cermav.cnrs.fr

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Figure S1. SPR Sensorgrams for compounds 1, 2, 4 and 5



[1] = 0.15 mM, [BambL] = 0.0125 mM

Figure S2. ITC binding isotherm of 1



[2] = 0.15 mM, [BambL] = 0.0125 mM

Figure S3. ITC binding isotherm of 2





Figure S4. ITC binding isotherm of 3



[4] = 0.15 mM, [BambL] = 0.0133 mM

Figure S5. ITC binding isotherm of 4



[5] = 0.075 mM, [BambL] = 0.0130 mM

Figure S6. ITC binding isotherm of 5







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Figure S9.¹H NMR of compound 9b



Figure S10. ¹³C NMR of compound 9b



Figure S11. ¹H NMR of compound 9c











S16



Figure S17.¹H NMR of compound 1





Figure S19.¹H NMR of compound 2













S24



Figure S25.¹H NMR of compound 5

