

S2 Table. Saccharide probes included in the Fungal and Bacterial Polysaccharide Array.

Position	Probe ^a	Predominant oligosaccharide sequence where known ^b
1	Dextran <i>L. mesenteroides</i>	α 1,6-Glc
2	Pullulan <i>P. pullulans</i>	Mixed α 1,4/ α 1,6-Glc
3	Curdlan ^c <i>Agrobacterium</i> sp.	β 1,3-Glc
4	NSG <i>S. cerevisiae</i>	Linear β 1,3-Glc backbone with occasional monoglucosyl β 1,6-Glc branches
5	PGG <i>S. cerevisiae</i>	
6	Lentinan <i>L. edodes</i>	
7	Grifolan <i>G. frondosa</i>	β 1,3-Glc backbone with highly ramified oligomeric branches
8	Barley β -glucan	Mixed β 1,3/ β 1,4-Glc
9	Oat β -glucan	Mixed β 1,3/ β 1,4-Glc
10	Lichenan	Mixed β 1,3/ β 1,4-Glc
11	Pustulan <i>U. papullosa</i>	β 1,6-Glc
12	Mannan <i>S. cerevisiae</i>	α 1,6-Man backbone with oligomeric α 1,2-, α 1,3-Man branches [1]
13	<i>N</i> -Mannoprotein <i>C. albicans</i>	α 1,6-Man backbone with oligomeric α 1,2-, α 1,3-, and β -1,2-Man branches [1-3]
14	Mannoprotein <i>A. fumigatus</i>	Mannose-rich [4] ⁴ □
15	Lipomannan <i>M. tuberculosis</i>	Linear α 1,6-Man backbone with monomannosyl□ α 1,2-Man branches [5]
16	Lipoarabinomannan <i>M. tuberculosis</i>	Linear α 1,6-Man backbone with monomannosyl□ α 1,2-Man branches and α 1,5-Ara polymer branched at certain positions with α 1-3,1-5-Ara residues, which in turn are terminated by β 1,2-Ara and capped by α 1,2-Man units [5]
17	Lipoarabinomannan <i>M. smegmatis</i>	Linear α 1,6-Man backbone with monomannosyl□ α 1,2-Man branches and α 1,5-Ara polymer branched at certain positions with α 1-3,1-5-Ara residues, which in turn are terminated by β 1,2-Ara and capped by phospho inositol [5]
18	Native <i>O</i> -glycoprotein <i>M. tuberculosis</i>	α 1,2-Man [6]
19	Glucurono-XyloMannan ^d <i>T. fuciformis</i>	α 1,3-Man with Xyl, GlcA and Fuc branches
20	GN6-AO ^e	GlcNAc β -4GlcNAc β -4GlcNAc β -4GlcNAc β -4GlcNAc β -4GlcNAc-AO

^a Unless otherwise indicated the saccharide probes are polysaccharides: NSG, Neutral soluble β -glucan; PGG, Poly-(1,6)-D-glucopyranosyl-(1,3)-D-glucopyranose

^b Glc, Glucose; Man, Mannose; Gal, Galactose; Ara, Arabinose; Xyl, xylose; GlcA, Glucuronic acid; Fuc, fucose; GlcNAc, *N*-acetylglucosamine.

^{c,d} Curdlan polysaccharide was solubilized in 50mM NaOH and Glucurono-XyloMannan in 150 mM NaCl, prior printing.

^e GN₆-AO, neoglycolipid (NGL) probe prepared from reducing hexasaccharide of chitin (β 1,4-linked *N*-acetylglucosamine, GlcNAc) by oxime ligation with an aminoxy (AO) functionalised DHPE⁷.

Supplementary References

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