

Supplementary Table. Abbreviations for lectins and their representative sugar binding specificities.

Lectins (Origin)	Representative sugar binding specificities
LTL (<i>Lotus tetragonolobus</i>)	Fuc α 1-3 (Gal β 1-4) GlcNAc, Fuc α 1-2Gal β 1-4GlcNAc
PSA (<i>Pisum sativum</i>)	Fuc α 1-6GlcNAc, α -Glc, α -Man
LCA (<i>Lence culinaris</i>)	Fuc α 1-6GlcNAc, α -Glc, α -Man
UEA-I (<i>Ulex europaeus</i>)	Fuc α 1-2Gal β 1-4GlcNAc
AOL (<i>Aspergillus oryzae</i>)	Fuc α 1-6GlcNAc
AAL (<i>Aleuria aurantia</i>)	Fuc α 1-6GlcNAc, Fuc α 1-3 (Gal β 1-4) GlcNAc
MAL (<i>Maackia amurensis</i>)	Sia α 2-3 Gal β 1-4GlcNAc
SNA (<i>Sambucus nigra</i>)	Sia α 2-6Gal/GlcNAc
SSA (<i>Sambucus sieboldiana</i>)	Sia α 2-6Gal/GlcNAc
TJA-I (<i>Trichosanthes japonica</i>)	Sia α 2-6Gal/GlcNAc
L4-PHA (<i>Phaseolus vulgaris</i>)	β 1-6GlcNAc, Tri/tetra-antennary complex-type <i>N</i> -glycan
ECA (<i>Erythrina cristagalli</i>)	Gal β 1-4GlcNAc
RCA120 (<i>Ricinus communis</i>)	Gal β 1-4GlcNAc
E4-PHA (<i>Phaseolus vulgaris</i>)	Bi-antennary complex-type <i>N</i> -glycan with outer Gal, bisecting GlcNAc
DSA (<i>Datura stramonium</i>)	(GlcNAc β 1-4) _n , Gal β 1-4GlcNAc
GSL-II (<i>Griffonia simplicifolia</i>)	Agalactocylated tri/tetra-antennary complex-type <i>N</i> -glycan
NPA (<i>Narcissus pseudonarcissus</i>)	High-Mannose, Man α 1-6Man
ConA (<i>Canavalia ensiformis</i>)	High-Mannose, Man α 1-6 (Man α 1-3) Man
GNA (<i>Galanthus nivalis</i>)	High-Mannose, Man α 1-3Man
HHL (<i>Hippeastrum hybrid</i>)	High-Mannose, Man α 1-3Man, High-Mannose, Man α 1-6Man
ACG (<i>Agroclybe cylindracea</i>)	Sia α 2-3 Gal β 1-4GlcNAc
TxLC-I (<i>Tulip</i>)	Bi/tri-antennary complex-type <i>N</i> -glycan, GalNAc, Sialylated glycan

Supplementary Table. Continued

Lectins (Origin)	Sugar binding specificity
BPL (<i>Bauhinia purpurea alba</i>)	Gal β 1-3GalNAc, GalNAc, Fucosylated glycan
TJA-II (<i>Trichosanthes japonica</i>)	Fuc α 1-2Gal β 1-, GalNAc β 1- groups at their nonreducing terminals
EEL (<i>Euonymus europaeus</i>)	Blood group B antigen, Gal α 1-3Gal
ABA (<i>Agaricus bisporus</i>)	Gal β 1-3GalNAc, Core-fucosylated glycan
LEL (<i>Lycopersicon esculentum</i>)	GlcNAc trimers/tetramers
STL (<i>Solanum tuberosum</i>)	GlcNAc oligomers, oligosaccharide containing GlcNAc and MurNAc
UDA (<i>Urtica dioica</i>)	GlcNAc β 1-4GlcNAc, Mixture of Man5 to Man9
PWM (<i>Phytolacca americana</i>)	(GlcNAc β 1-4) _n
Jacalin (<i>Artocarpus integrifolia</i>)	Gal β 1-3GalNAc, GalNAc
PNA (<i>Arachis hypogaea</i>)	Gal β 1-3GalNAc
WFA (<i>Wisteria floribunda</i>)	Gal β 1-4GlcNAc, Gal β 1-3 (-6)GalNAc
ACA (<i>Amaranthus caudatus</i>)	Gal β 1-3GalNAc
MPA (<i>Maclura pomifera</i>)	Gal β 1-3GalNAc, GalNAc
HPA (<i>Helix pomatia agglutinin</i>)	α -linked terminal GalNAc
VVA (<i>Vicia villosa</i>)	α -linked terminal GalNAc, GalNAc α 1-3GalNAc
DBA (<i>Dolichos biflorus</i>)	Blood group A antigen, GalNAc α 1-3GalNAc
SBA (<i>Glycine max</i>)	α/β -linked terminal GalNAc, GalNAc α 1-3Gal
Calsepa (<i>Calystega sepium</i>)	Mannose, Maltose, Core-fucosylated glycan
PTL-I (<i>Psophocarpus tetragonolobus</i>)	α -linked terminal GalNAc
MAH (<i>Maackia amurensis agglutinin</i>)	Sia α 2-3 Gal β 1-3 (Sia α 2-6) GalNAc
WGA (<i>Triticum ungeris</i>)	(GlcNAc) _n , multivalent Sia
GSL-I-A4 (<i>Griffonia simplicifolia</i>)	α -linked GalNAc
GSL-I-B4 (<i>Griffonia simplicifolia</i>)	α -linked Gal