Table S2 The abbreviations and carbohydrate specificities of 45 lectins of LecChip used in this study.

Lectins	Origin	Binding specificity
LTL	*Lotus tetragonolobus*	Fuc α1-3 GlcNAc, Sia-Le^x and Le^x
PSA	*Pisum sativum*	Fuc α1-6 GlcNAc and α-Man
LCA	*Lens culinaris*	Fuc α1-6 GlcNAc and α-Man, α-Glc
UEA-I	*Ulex europaeus*	Fuc α1-2 LacNAc
AOL	*Aspergillus oryzae*	Terminal α Fuc and ±Sia-Le^x
AAL	*Aleuria aurantia*	Terminal α Fuc and ±Sia-Le^x
MAL	*Maackia amurensis*	Sia α 2-3 Gal
SNA	*Sambucus nigra*	Sia α 2-6 Gal/GalNAc
SSA	*Sambucus sieboldiana*	Sia α 2-6 Gal/GalNAc
TJA-I	*Trichosanthes japonica*	Sia α 2-6 Gal β1-4 GlcNAc β-R
PHA(L)	*Phaseolus vulgaris*	Tri- and tetra-antennary complex oligosaccharides
ECA	*Erythrina cristagalli*	Lac/LacNAc
RCA120	*Ricinus communis*	Lac/LacNAc
PHA(E)	*Phaseolus vulgaris*	NA_2 and bisecting GlcNAc
DSA	*Datura stramonium*	$(GlcNAc)_n$, polyLacNAc and LacNAc (NA_3, NA_4)
GSL-II	*Griffonia simplicifolia*	Agalactosylated N-glycan
NPA	*Narcissus pseudonarcissus*	non-substituted α1-6 Man
ConA	*Canavalia ensiformis*	α-Man (inhibited by presence of bisecting GlcNAc)
GNA	*Galanthus nivalis*	non-substituted α1-6 Man
HHL	*Hippeastrum hybrid*	non-substituted α1-6 Man
ACG	*Agrocybe cylindracea*	Sia α2-3 Gal β1-4GlcNAc
TxLC-I	*Tulipa gesneriana*	Man_3 core, bi- and tri-antennary complex-type N-glycan, GalNAc
BPL	*Bauhinia purpurea alba*	Gal β1-3 GalNAc and NA3, NA4
TJA-II	*Trichosanthes japonica*	Fuc α1-2 Gal, β-GalNAc > NA3, NA4
EEL	*Euonymus europaeus*	Gal α1-3 [Fuc α1-2Gal] > Gal α1-3Gal
ABA	*Agaricus bisporus*	Gal β1-3 GalNAc α-Thr/Ser (T) and sialyl-T
LEL	*Lycopersicon esculentum*	$(GlcNAc)_n$ and polyLacNAc
STL	*Solanum tuberosum*	$(GlcNAc)_n$ and polyLacNAc
UDA	*Urtica dioica*	$(GlcNAc)_n$ and polyLacNAc
PWM	*Phytolacca americana*	$(GlcNAc)_n$ and polyLacNAc
Jacalin	*Artocarpus integrifolia*	Gal β1-3 GalNAc α-Thr/Ser (T) and GalNAc α-Thr/Ser (Tn)
PNA	*Arachis hypogaea*	Gal β1-3 GalNAc α-Thr/Ser (T)
WFA	*Wisteria floribunda*	Terminal GalNAc (e.g., GalNAc β1-4GlcNAc)
ACA	*Amaranthus caudatus*	Gal β1-3 GalNAc α-Thr/Ser (T)
MPA	*Maclura pomifera*	Gal β1-3 GalNAc α-Thr/Ser (T) and GalNAc α-Thr/Ser (Tn)
HPA	*Helix pomatia*	Terminal GalNAc
VVA	*Vicia villosa*	α-, β-linked terminal GalNAc and GalNAc α-Thr/Ser (Tn)
DBA	*Dolichos biflorus*	GalNAc α-Thr/Ser (Tn) and GalNAc α1-3 GalNAc
SBA	*Glycine max*	Terminal GalNAc (especially GalNAc α1-3 Gal)
Calsepa	*Calystegia sepium*	Man, Maltose
PTL-I	*Psophocarpus tetragonolobus*	α-GalNAc and Gal
MAH	*Maackia amurensis*	Sia α2-3Gal β1-3[Sia α2-6 GalNAc] α-R
WGA	*Triticum unlgaris*	(GlcNAc)n and multivalent Sia
GSL-IA_4	*Griffonia simplicifolia*	α-GalNAc, GalNAc α-Thr/Ser (Tn)
GSL-IB_4	*Griffonia simplicifolia*	α-Gal

Data are LfDB (Lectin frontier Database; http://riodb.ibase.aist.go.jp/rcmg/glycodb/LectinSearch).