

S2 Table. Reagent Information.

Antibodies				
Name	Target	Clone	Source	Catalog #
Anti A4GNT	A4GNT	Polyclonal	Sigma-Aldrich	HPA008017
Anti α GlcNAc	alpha-linked GlcNAc	HIK1083	Cosmo Bio	KAN-02101-96-EX
Anti BGH	Blood Group H antigen	87-N	Abcam	ab24222
Anti Endorepellin	Endorepellin	Polyclonal	R&D Systems	AF2364
Anti MUC5AC	MUC5Ac	45M1	Thermo Scientific	MS-145-P1ABX
Anti MUC5AC	MUC5Ac	45M1	AbD Serotec	1695-0128
Anti MUC5AC (Ab2)	MUC5Ac	2-11M1	Thermo Scientific	MA1-35704

Purified Glycoproteins		
Name	Source	Catalog #
Laminin	Sigma-Aldrich	L-6274
Fibronectin	Sigma-Aldrich	F-0895
Transferrin	Fitzgerald Industries	30C-CP4060
Fetuin	Sigma-Aldrich	F2379
Carcinoembryonic Antigen (CEA)	Fitzgerald Industries	30-AC32

Enzymes			
Name	Target	Source	Catalog #
PNGase F	N-glycans	New England Biolabs	P0704S
α 2-3,6,8 Neuraminidase	α 2-3, 2-6, and 2-8 sialic acid	New England Biolabs	P0720S
β (1-3,4)-galactosidase (Bovine)	Terminal β 1-3, β 1-4 galactose	ProZyme	GKX-5013
α -N-Acetylgalactosaminidase	Terminal α GalNAc	New England Biolabs	P0734S
β -N-acetylhexosaminidase (Jack Bean)	Terminal GalNAc and β GlcNAc	ProZyme	GKX-5003

Lectins				
Name	Abbreviation	Primary Specificity	Source	Catalog #
Erythrina cristagalli lectin	ECL	Terminal Gal β	Vector Labs	BK-3000
Griffonia simplicifolia lectin II	GSL-II	Terminal α , β -GlcNAc	Vector Labs	BK-3000
Helix aspersa agglutinin	HAA	GlcNAc α , GalNAc α	Sigma-Aldrich	L8764
Ricinus communis agglutinin I	RCA-1	Terminal galactose	Vector Labs	BK-1000
Sclerotium rolfisii lectin (recombinant)	SRL	Terminal GlcNAc β or GlcNAc α	Wako	199-17271
Wheat germ agglutinin	WGA	GlcNAc > sialic acid	Vector Labs	B-1025