

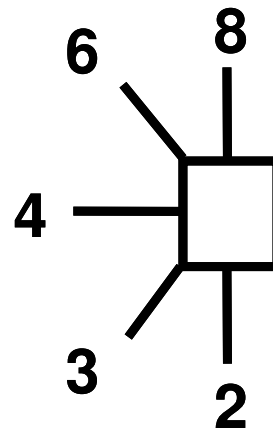
*Symbol for sugar*

- Glc
- GlcNAc
- ★ NeuNAc
- ◇ Gal
- ◆ GalNAc
- ◊ Fuc (deoxy galactose)
- Man
- △ Xylose

*Fluorescent label*

—2AB 2-aminobenzamide

*Linkage position*



*Linkage type*

- $\beta$ -linkage
- .....  $\alpha$ -linkage
- ~ unknown  $\beta$ -linkage
- ~... unknown  $\alpha$ -linkage

# Incremental GUs for addition of monosaccharides to N-linked oligosaccharides

monosaccharide	linkage	to	GU increment
Core fucose	$\alpha$ 1-6	Any structure	0.5
Outer arm fucose	$\alpha$ 1-3,6	GlcNAc	0.8
Outer arm fucose	$\alpha$ 1-2	Gal	0.5
mannose	$\alpha$ 1-2,3,6	Man	0.7-0.9
Bisecting GlcNAc	$\beta$ 1-4	$\beta$ - mannose	0.10-0.15
galactose	$\alpha$ , $\beta$ 1-3, 4	Any structure	0.8-0.9
NeuNAc	$\alpha$ 2-3	Gal of any structure	~0.7
NeuNAc	$\alpha$ 2-6	Gal of any structure	~1.15