



¹GriT-III ²

GriT-III

GriT-III

TNF

NE- B-P

P-gp ³

GriT-III

4

GriT-III

(bisectingGlcNAc)

N

P-gp

K562
P-gp **GriI-III** **GriI-III**
P-gp **GriI-III**
GriI-III

JSPS 19H08184, 21K06547, 22K06615, 22K19443

JGlycoNet
(Human Glycome Atlas Project (HGA))

1 **180**

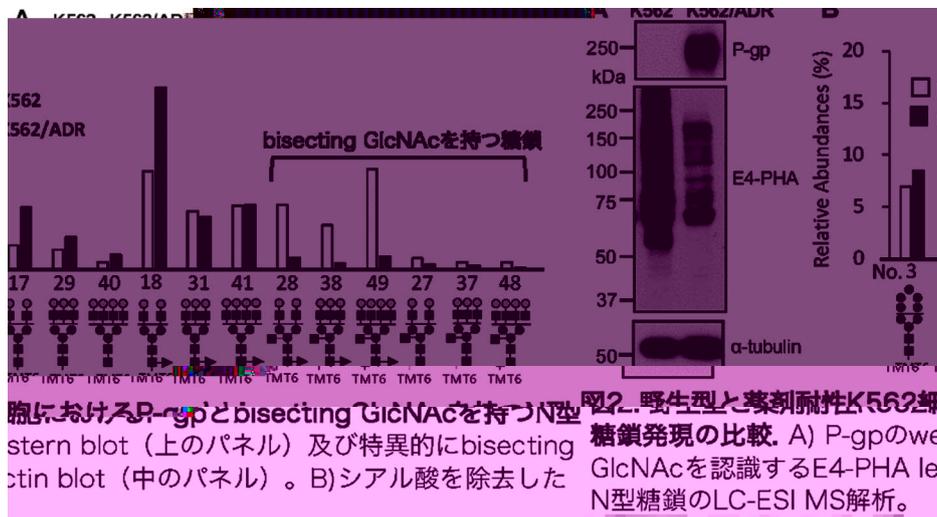
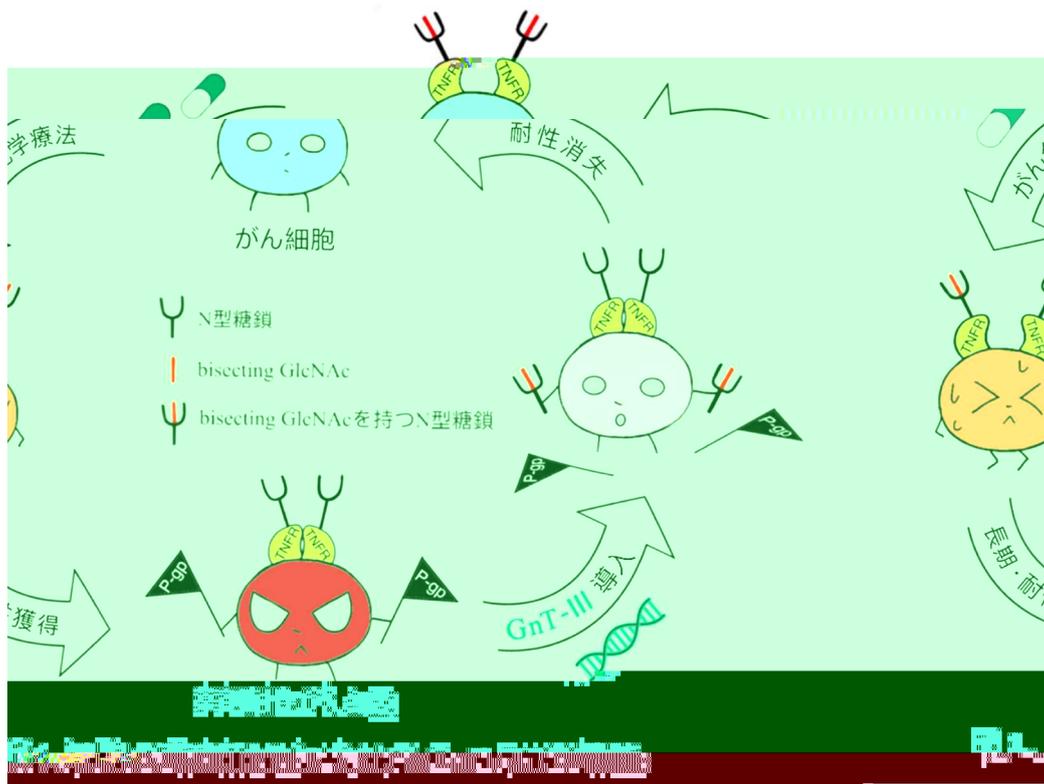
2 GriI-III N-acetylglucosaminyltransferase III
N bisecting GlcNAc N
bisecting GlcNAc
N

3 P-gp P ABC ATP-binding cassette transporters
P-gp
MDR1 Multiple drug resistance 1 ABCB1 ATP-binding Cassette Sub family B
Member 1

4 () N
N

1
5 TNF : Tumor Necrosis Factor
TNF NF-B

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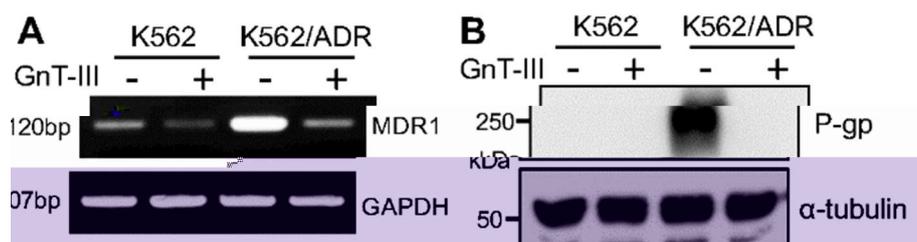


図3. GnT-III遺伝子の導入によるP-gp発現の抑制. A) P-gpの遺伝子であるMDR1のRT-PCR. B) P-gpのwestern blot.

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