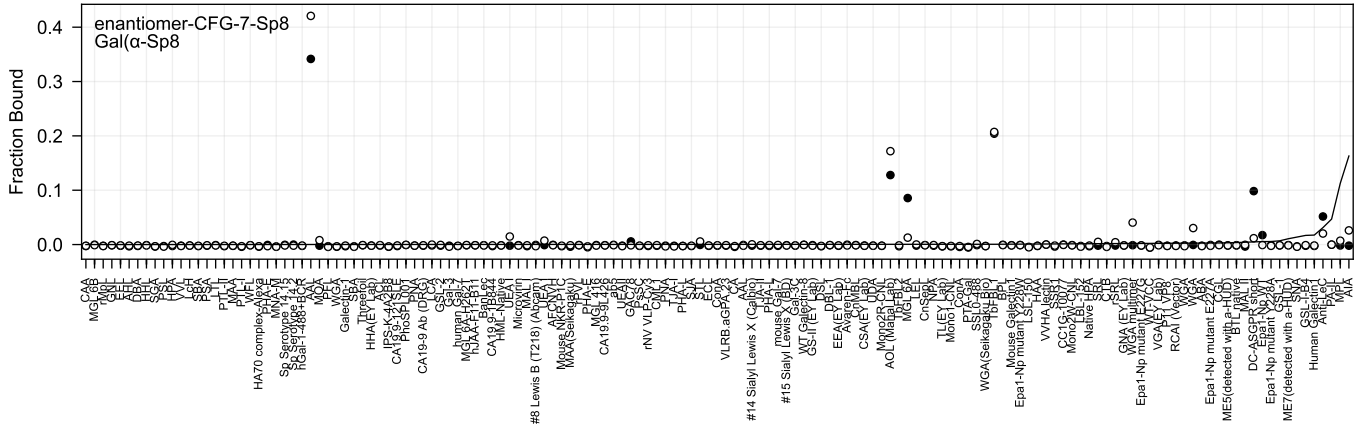
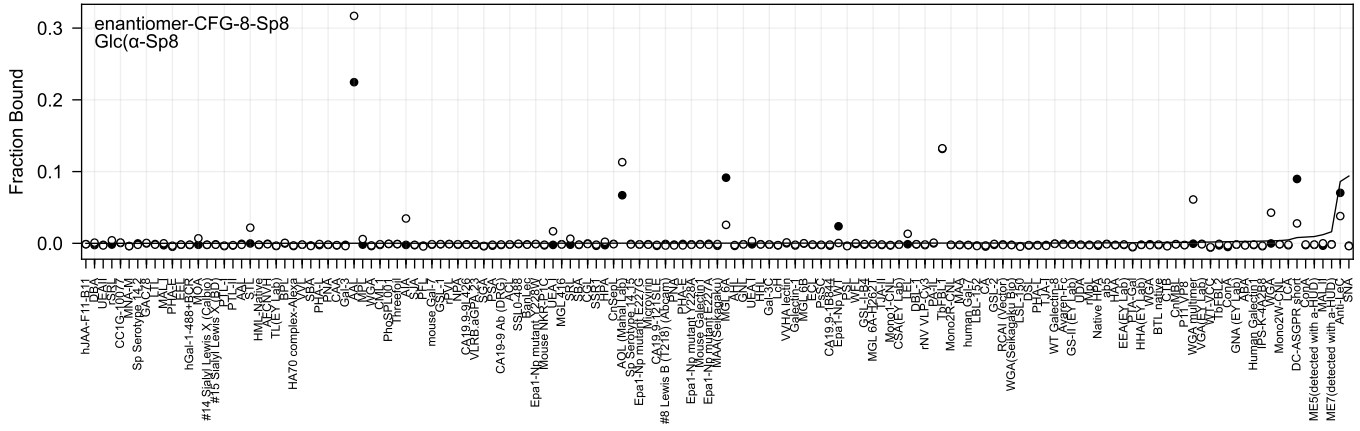
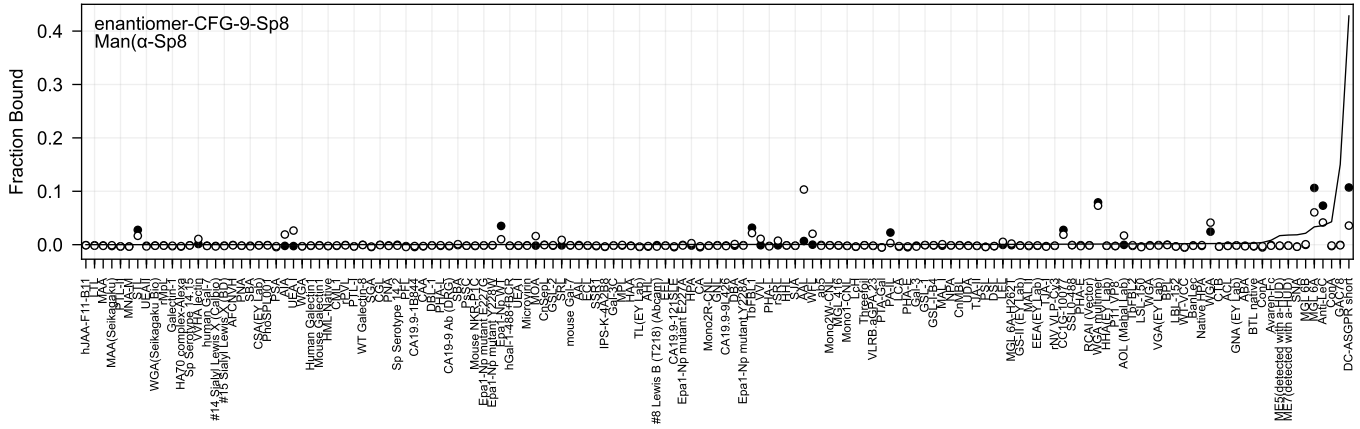
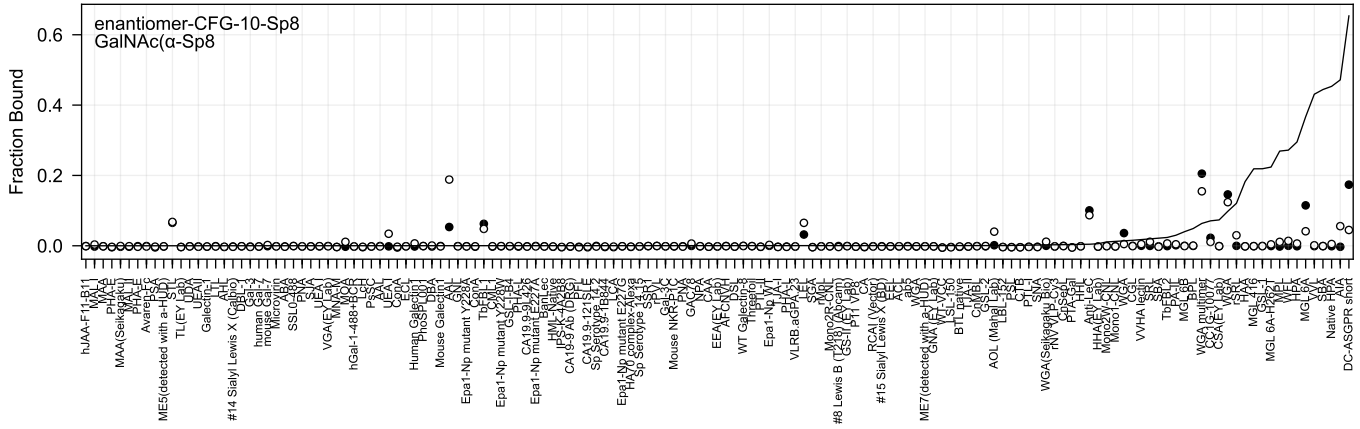
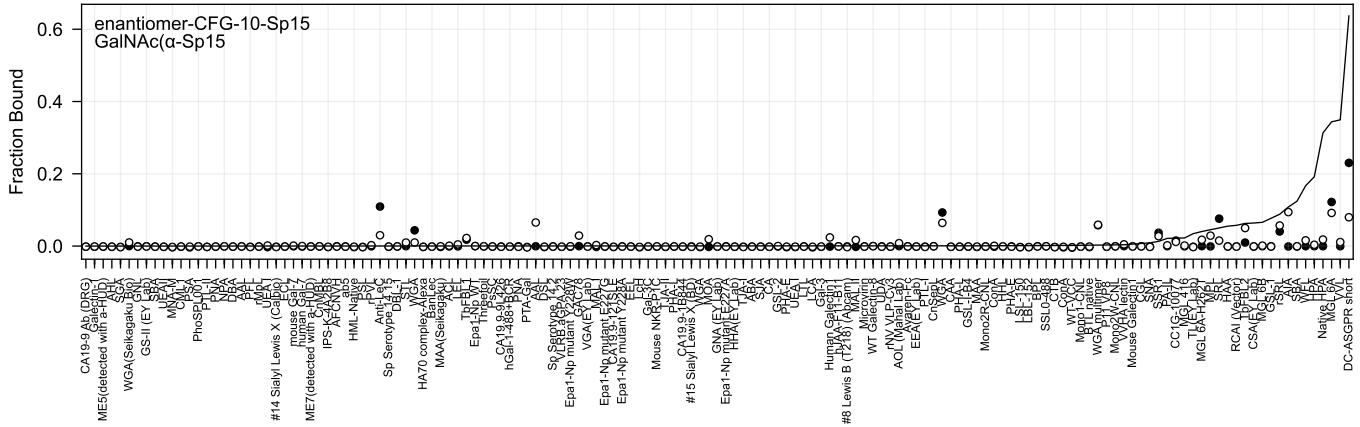
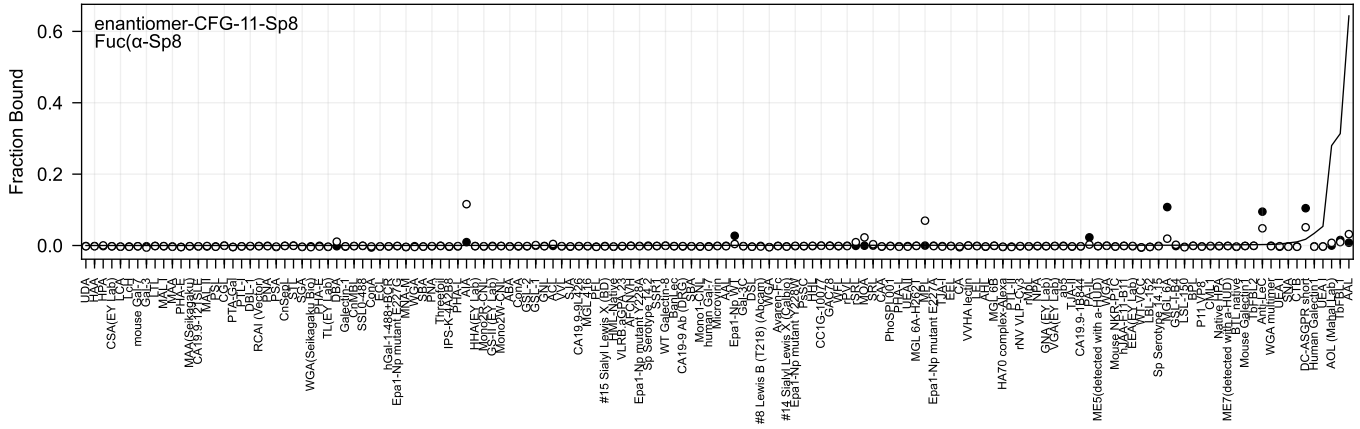

enantiomer-CFG-7-Sp8
Gal(α-Sp8
Fraction Bound
0.4
0.3
0.2
0.1
0.0
CAA
MGL-168
MGL
EEL
ECA
DBA
PHA-E
PHA-L
PSA
LCA
PTL-I
MAA
PTL-II
WFA
HA70 complex
Alexa
MNA-M
Sp Sacrotype 4-13
Sp Sacrotype 4-15
RGal-1-488-BCR
MOR
PEL
VVL
Galectin-1
SBA
Tissue
HHA(EY Lab)
OAA
IPS-K-4-2B8
CA19-9(SLE
PhoSH
PNA
CA19-9 Ab (DRG)
GSL-2
Gal-2
human Gal-3
MGL2(T-1261)
OAA(Sekagaku)
Bap68
TM-Hbp1/2
HPA
UEA1
Mico(MAT)
AFP(SY)
AFP(MT)
Mouse Galectin-1
MAA(Sekagaku)
HPV
PTL-II
MGL 418
CA19.9-SLE 426
MGL
GNA
GP2(SSC)
VEA
nVV VLP
OAA
PNA
PHA-L
PHA-E
SNA
ECL
#8 Lewis B (T218) (Abnova)
VLRB.aGP2
ACA
#14 Sialyl Lewis X (Calbiochem)
#15 Sialyl Lewis A (Calbiochem)
mouse Gal-1
WT Galectin-3
GS-II (EY Lab)
DSL-1
EEA(EY Lab)
Avaren
CSA(EY Lab)
DOA
Mono2R
AOL (Matsu Lab)
MGL
EEL
Cn-NPA
TL(EY Lab)
Mono1C
CoA
SSL1-188
SSL1-238
WGA(Seikagaku Bio)
TD
BP
Mouse Galectin-7
Epa1-Np mutant L52-150
Epa1-Np mutant L52-150
VVHA lectin
CC1G-SS097
Mono2N-OSY
Mono2N-LSY
Native HPA
SBA
SRL
SRL
GNA (EY Lab)
VOA
Epa1-Np mutant E222Q
Epa1-Np mutant E222A
VGA(EY Lab)
PTL VP8
RCA(Vector Lab)
WGA
VVA
Epa1-Np mutant E222A
ME5(detected with a-HUD)
BTL
DC-ASGPR short
Epa1-Np mutant N228A
Epa1-Np mutant N228A
ME7(detected with a-SNA)
GSL-I
SNA
Human GSL-I-B4
GSL-I-B4
Anti-Lec
MPL
AIA

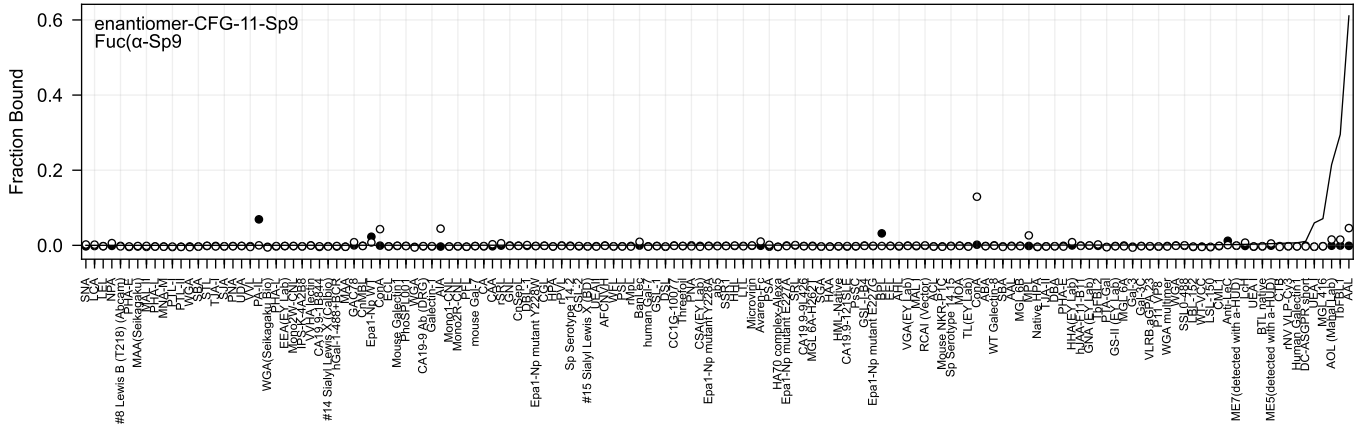

enantiomer-CFG-8-Sp8
Glc(α-Sp8
Fraction Bound
0.3
0.2
0.1
0.0
hJAA-F11
PBA
UEA1
CC1(G-007)
MN(LK-4)
Sp Serotonin
GAC-28
PNA
MAL-I
PEA
PEE
hGal-1-488+BCR
#14 Sialyl Lewis X (Glycom)
#15 Sialyl Lewis X (BD)
PTL-I
SJA
SOL
HML(Banana)
TL(EY Lab)
HA70 complex-A
VVA
BPL
HA70 complex-C
PHA-E
PHA-L
SBA
Gal-3
ABL
WGA
PhoSL(Lot)
Threo(o)
SLA
GNL
mouse Gal-1
GSL-I
NPA
CAA19.3B
VCAE.33B
SGA
CA19-9 Ab (DRG)
SSL-2Ab
Bap1-86
Epa1-No mutant (K22E)
Mouse IgG
UEA1
MGL-SBC
SBA
SBB
SSB
CnnA
PHA
CnnB
AOL (Mahal Lab)
Epa1-No mutant (E227A)
Epa1-No mutant (E227A)
CA19.9(Yamamoto)
#8 Lewis B (T218) (Abcam)
PTA
Epa1-No mutant (Y226A)
Epa1-No mutant (S229A)
Epa1-No mutant (E227A)
MAA(Seikagaku)
MGL
AIL
UEA1
UEA1
Galectin-1
Galectin-3
VVA(Lectin)
MGL-SBC
PSSC
CA19.9 (BD)
Epa1-No mutant
PSL
WFL
GSL-I
MGL 6A-1-2B-2
GSL-I
Mono1-CNL
CSA(EY Lab)
DBL-1
rNV VLP
PAA
Mono2R-PEL
MAA
human Galectin-7
TEL
CA
GSL-I
RCAI (Vector)
WGA(Seikagaku)
DSL
PHA
PHA-L
WT Galectin-8
GS-II (EY Lab)
MPA
MDA
Native HPA
HAA
HAX
EEA(EY Lab)
HHA(EY Lab)
BTL (EY Lab)
CTB
CrVIB
P-11 (VB)
WGA (Murine)
WGA (Murine)
WT-CEA
Tro-CEA
ConA
GNA (EY Lab)
ABA
Human Galectin-1
iPS-K-Mab
Mono2W-CNL
DSA
DC-ASGPR short
PCDA
ME5(detected with a-PCDA)
MALL
ME7(detected with anti-Leg
ANTI-Leg
SNA

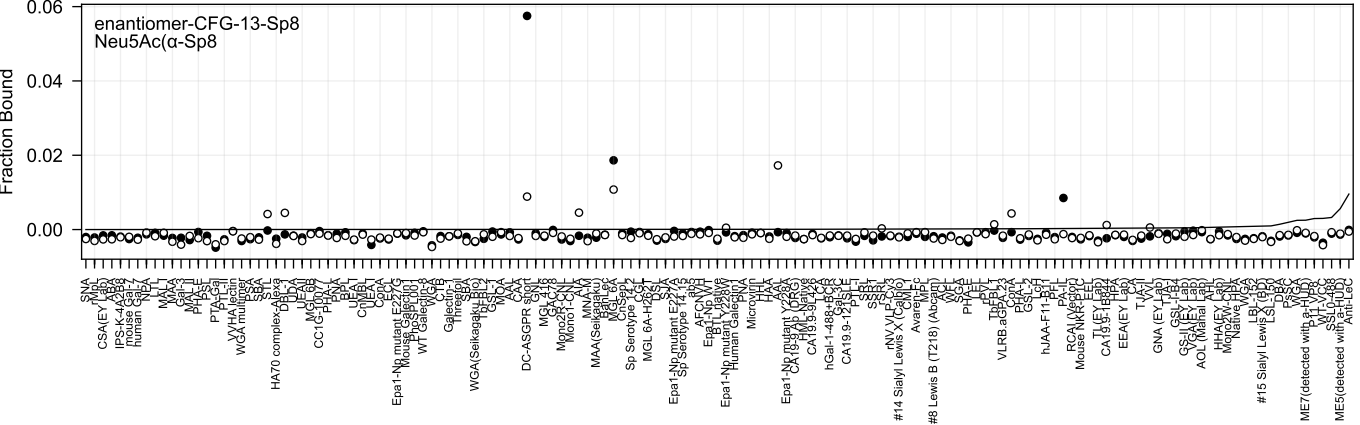

enantiomer-CFG-9-Sp8
Man(α-Sp8
Fraction Bound
0.4
0.3
0.2
0.1
0.0
hJAA-F11-B11
MAA
MAA(Seikagaku)
MNA-N
MNA-U
WGA(Seikagaku)
UEAII
Galectin-1
HA70 complex
Sp Serotype 14-18
Sp Serotype 14-19
human Lewis Y
#14 Sialyl Lewis X (Calbio)
#15 Sialyl Lewis X (Calbio)
AK-CNO1
SNA
CSAEX Lab
PhoSL
BS-A
LEA
WGA
Human Galectin1
Mouse Galectin1
HML-Native
CPV
FIT-1
FIT-4
WT Galectin-3
SGA
PNA
Sp Serotype 6-2
CA19.9-1B844
DBA
PTA-1
PTA-2
CA19-9 Ab (Calbio)
SBA
Mouse NKG2D-Fc
Epa1-Np mutant E222G
Epa1-Np mutant N220W
Epa1-Np mutant T488Y
hGal-T488Y
Microvirin
MOA
Cos-2
Cos-7
mouse Galectin-1
EAL
SSB1
SSB2
IPS-K-CA198
GAL
MPL
TL(EY Lab)
#8 Lewis B (T218) (Abcam)
EEL
Epa1-Np mutant E222T
CA19.9-1 (Abcam)
HPA
Mono2R-CNL
CA19.9-9-CNL
Epa1-Np mutant Y178R
DBA
Epa1-Np mutant Y178F
AVL
PNA
TSA
FIT
VAA
VVL
ABA
Mono2W-CNL
Mono1-CNL
Tjuneoil
VLRB aggr
PTA-3
PaA-II
PHA-E
Gal-3
GSL-I-B4
GSL-I-A4
MAL
CnMBL
UDA
TJA-I
DSL
DSA
DEL
MGL-6 (Vector)
GSL-II
MAL-II
EEA(EY Lab)
OAA
OAV (UL-Protein)
CCL2 (Peptide)
SSL-1/L-1488
RCA(I (Vector)
WGA (mutant)
HHA
PFT (YB8)
AOL (Matsu-Ei)
LSL-1(Lab)
VGA(EY Lab)
BPL
LBL-VSC
Banlec
Nativ WGA
WGA
XCL
GNA (EY Lab)
ABA
BTL native
Con A
Avanex
MEF(detected with a-FH-D)
MEF(detected with a-FH-D)
SNA
MGL-6
AmpLec
GAL9
DC-ASGPR short

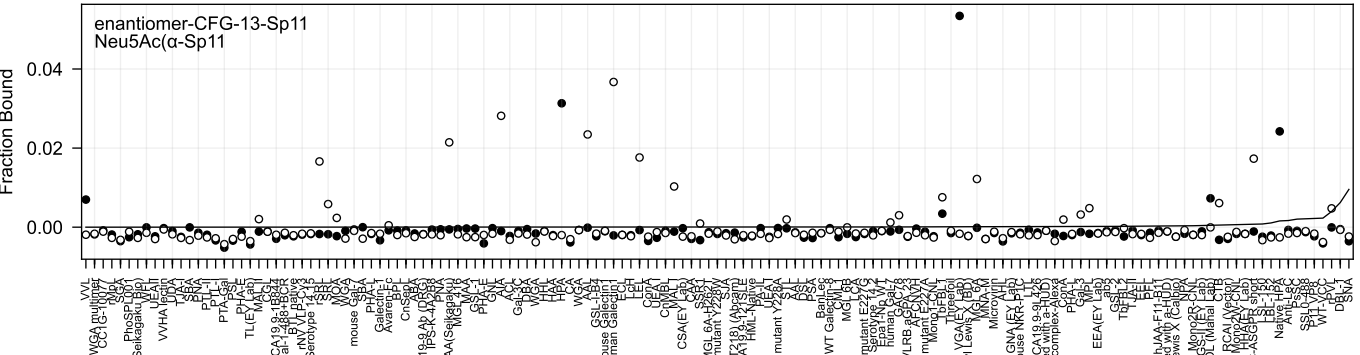

enantiomer-CFG-10-Sp8
GalNAc(α-Sp8
Fraction Bound
0.0
0.2
0.4
0.6
hJAA-F1
B11
WFA
PNA
MAA(Seikagaku)
PHA-L
AvaRP
EE
ME5(detected with a-HUD)
STL
TL(EY Labs)
UDA
UEA1
Galectin-1
ATL
#14 Sialyl Lewis X (Calbio)
Gal-1
human Gal-7
mouse Gal-7
WGA(Vector)
ABA
SSL-10
PNA
ABA
VGA(EY Labs)
UEA1
MOA
hGal-1-488-BCR
PSA
UEA1
Con A
Human Galectin-1
PhoSL
DBA
Mouse Galectin-1
GNL
Epa1-Np mutant Y288A
Epa1-Np mutant Y288W
GSL-I B4
CA19.9-9.42.5
Epa1-Np mutant E227A
HMM-Native
CA19.9-Ab TDB3
CA19.9-121
EIF
CA19.9-1B3.4
Sp Serotype 1-2
Epa1-Np mutant E227G
HA(X-31)
Sp Serotype 14-18
SBA
Gal-3C
Mouse NKR-P1
PNA
GNA
CA
EEA(EY Labs)
DSL
WT Galectin-3
PTL-I
Epa1-Np WT
PA-IL
VLRB.aGPC-5
SEL
MOL
Morrocan Coral
#8 Lewis B (GSL-II, EY Labs)
pTT VCA
RCA I (Vector)
#15 Sialyl Lewis X
EEL
ACL
ACA
WGA
GNA
VSL-VSC
BTL (Vector)
CaMel
GSL-2
AOL (Marine Lab)
BTL (Vector)
CTL
PTL-II
BUL
WGA(Seikagaku)
NVVL
PCA
PTA-Gal
HPC
Anti-HNK-1
HHA(EY Labs)
Monoclonal-CNL
VGA
VVA
VVHA
SBA
TBPL2
MGL-2B
TBPL
WGA multivalent
CSA (Vector)
CSA(EY Labs)
WGA
GSL
MGL 416
MGL 6A-P32
MEL
HEA
MGL-6A
SBA
PNA
Native PNA
DC-ASGPR short

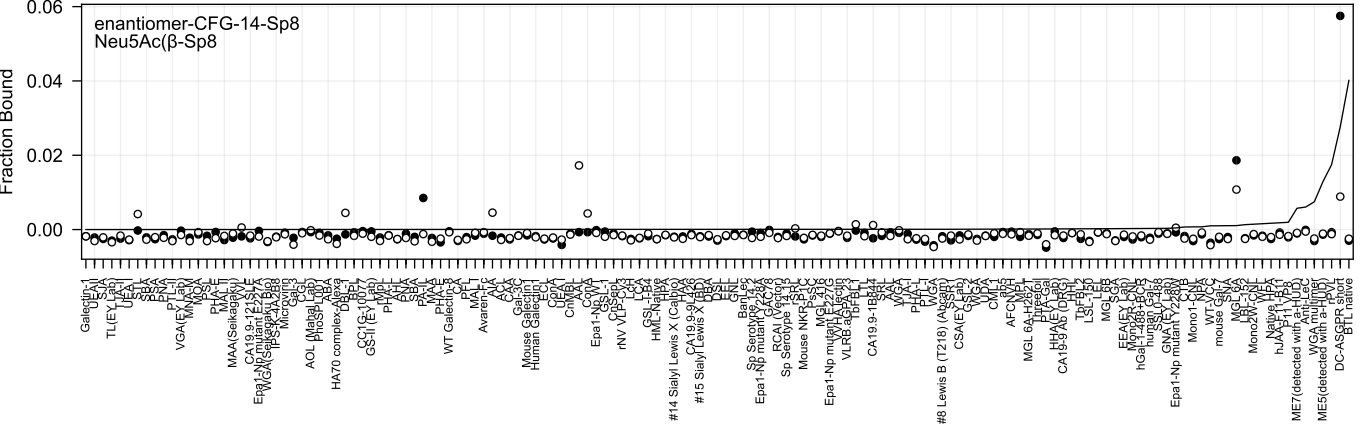

enantiomer-CFG-10-Sp15
GalNAc(α-Sp15
Fraction Bound
0.0
0.2
0.4
0.6
CA19-9 Ab (DRG)
Galectin-1
ME5(detected with a-Hu)
SGA
WGA(Seikagaku)
GK1
GS-II (EY Lab)
VEA
MAA-M
MAL-II
PSA
PhoSPL(Pro)
PNA
DBA
DSA
BPL
ABA
MPL
UEA-I
#14 Sialyl Lewis X (Calbio)
EC-7
mouse Galectin-7
ME7(detected with a-Hu)
human Galectin-7
IPS-1-Ab
AH-Ab68
ab3
HML-Nativ
PSL
PVL
Ant-1 1-15
Sp Serotype 1
DSL-1
WGA
HA70 complex
Alexa
Lectin
MAA(Seikagaku)
AEL
Epa1-Np
TNF-901
Thiogalu
CA19.9-Fc
hGal-1-488
BCR
PTA-Gal
GSL
SG
Sp Serotype 14
Sp Serotype 1
Epa1-Np mutant Y222A
Epa1-Np mutant Y222F
GVA(EY Lab)
GVA(Calbio)
MAL
Epa1-Np mutant F151Y
Epa1-Np mutant Y222H
Epa1-Np mutant Y222A
EEL
EEH
Mouse NK-3C
Gal-3C
PTA-II
CA19.9-TBG1
#15 Sialyl Lewis X (TBG1)
MOA
GNA (EY Lab)
Epa1-Np (HHA(EY Lab)
ABA
SNA
SGL-2
PDEA
LEL
LT-1
Gal-3
Human Galectin-3
#8 Lewis B (T218) (Abram)
Microvillin
WT Galectin-3
AoL (Mahal Lab)
rNV VLP-CV3
EEA(EY Lab)
CnSpl
WGA
PTA-I
GSL-I
MAA
Mono2R-CNL
CHL
PHA-E
PHA-L
LBL-I-B2
SSLL-188
CrB
CrB
WT-2C6
Mono1-CNL
WGA-pyr(Wang)
Mono2W-CNL
Mouse Galectin-1
VGA lectin
SGL
SBA
SSA
CC1G-Fc
PAA-I
MGL (EY Lab)
MGL (EY Lab)
MPL
SNA
RCAI (Vector)
CSA(EY Lab)
MGL
SBL
SBA
SBA
MEA
PEA
PEA
Native HA
MOA
DC-ASGPR short

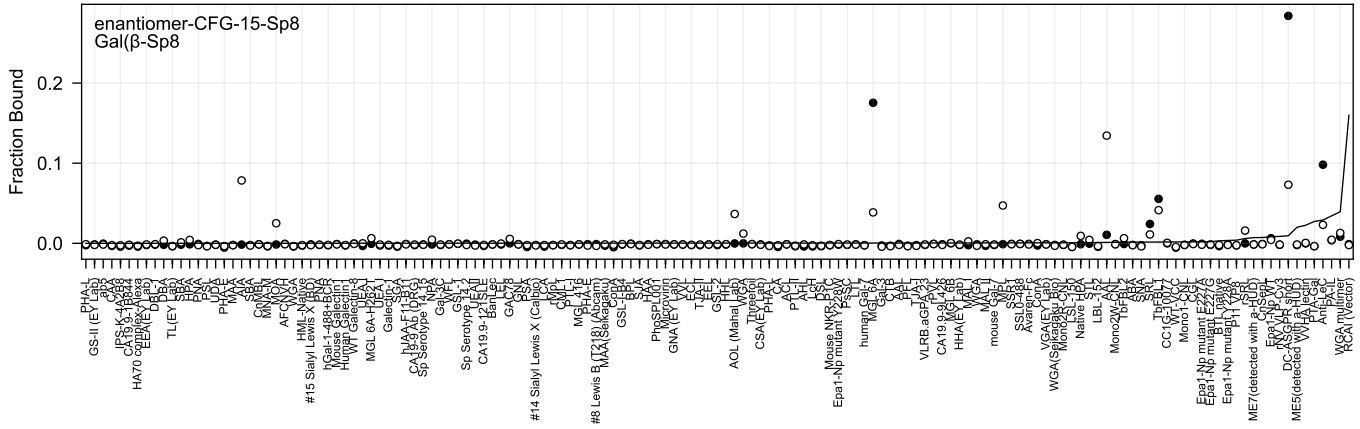

enantiomer-CFG-11-Sp8
Fuc(α-Sp8
Fraction Bound
0.0
0.2
0.4
0.6
UDA
UDA
HPA
HPA
LEA
LEA
CSA(EY Lab)
mouse Gal-1
Gal-1
Gal-3
MALI
PNA
MAA
MAA(Seikagaku)
CA19-9-KM
KM-ALT
ESL
PTA-Gal
DBL-1
RCAI (Vector)
PSA
CnSgA
SGA
WGA(Seikagaku)
WGA
TL(EY Lab)
Galectin-1
SSL-1
SSL-1 Mut
CoPA
hGal-1-488+BCB
Epa1-Np mutant E227A
MGL
WGA
SBA
SNA
IPS-A-Thomsen-Friedenreich
PHA-E
AIA
HHA(EY Lab)
Morus-CRL
Morus-CRL
Morus-CRL
ABA
GSL-I-A4
GSL-I-B4
AVL
SVA
SVA
CA19-9 Ab (Novus)
MGL-426
MGL-428
PEL
#15 Sialyl Lewis X (Ab)
Epa1-Np WT
Epa1-Np mutant Y229A
Epa1-Np mutant Y229A
Sp Serotype-SA1
WT Galectin-3
CA19-9 Ab (Novus)
SBA
human Gal-7
Morus-CRL
Microvirin
AOL
VLRB.agnA
Epa1-Np WT
Gp
DSC
#8 Lewis B (T218) (Abcam)
Epa1-Np mutant F227A
#14 Sialyl Lewis X (Abcam)
Epa1-Np mutant F227A
Avaren-Fc
Avaren-Fc
FasC
CC1G-0077
GAL2B
PSA
PSA
NGA
SRA
SRA
PhoSP-L001
PhoSP-L001
PUL
PEAI
MGL 6A-H262
MGL 6A-H262
Epa1-Np mutant E227A
LEA
LEA
CA
CA
VVHA lectin
ABL
ABL
HA70 complex-Alpha
rNV VLP-1
rNV VLP-1
GNA
GNA(EY Lab)
VGA(EY Lab)
CA19.9-1B-B4
CA19.9-1B-B4
ME5(detected with a-HUD)
Mouse NKR-P1C
HEA(EY Lab)
HEA(EY Lab)
WT-Vibrio
Vibrio 14-15
Sp Serotype-SA3
GNGL6A
GNGL6A
TSL-156
TSL-156
PEE
P11-CMP
Natrix-CMP
ME7(detected with a-HUD)
Bacillus-HUD
Mouse Galectin-9
LTBP-L2
Ahnfelt-Lec
WGA mutant
STB
STB
PCASGGR short
Human Galectin-1
DEA1
DEA1
AOL (Matrix-BIO)
TF-BIO
AAL

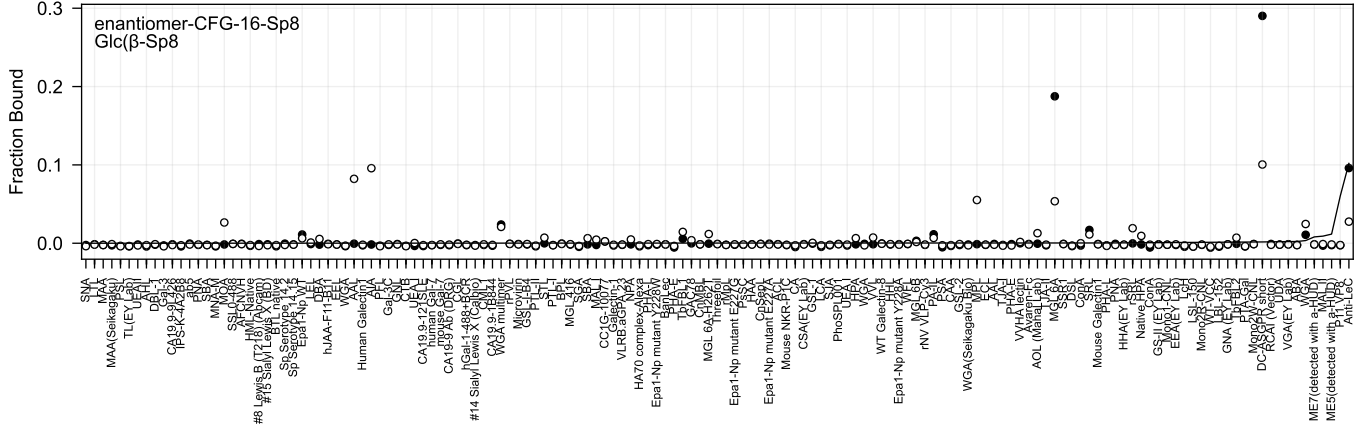

enantiomer-CFG-11-Sp9
Fuc(α-Sp9
Fraction Bound
0.6
0.4
0.2
0.0
SNA
SNL
NEL
#8 Lewis B (T218) (Abcam)
MAA(Seikagaku)
PHA-E
MAL II
MAL I
MNA-M
PTL-I
WGA
SBA
TJA-I
PNA
UDA
VVA
PA-IL
WGA(Seikagaku)
EEA(EY Lab)
MPA(EY Lab)
CA19-9 (Abcam)
#14 Sialyl Lewis X (Calbiochem)
hGal-1-486(R&D)
MAA
GNA
GAL8
Epa1-Np WT
Coch
Mouse Galectin-1
PhoSL
WGA
CA19-9 (Abcam)
CVN
Mom1-CN
Mom2A-CN
mouse Galectin-7
GRP
CA
GSL
CGB
OSM-1
Epa1-Np mutant Y228V
EDA
HPA
VFA
Sp Serotype 1+2
#15 Sialyl Lewis X (EAI)
ArCVN
HSL
Bauhinia
human Gal-1
DSL
CC1G-Tandem
BNA
CSA(EY Lab)
Epa1-Np mutant Y228S
SBA
PSL
PHL
Microvirin
Avarep-SF
HA70 complex-Alexa
Epa1-Np mutant E-26A
MGL 6A-Fc-Alexa
CA19-9-Alexa
HMA
HML-N
CA19-9-12-Alexa
GSL-I B4
Epa1-Np mutant E-26G
EEL
EEI
AAL
VGA(EY Lab)
RCAI (Vector)
Mouse NKR-P1c
sp Serotype 1 MOA
TL(EY Lab)
ABA
WT Galectin-3
SBA
MGA
GAL
MPL
Native MPL
DBA
PNA
HHA(EY Lab)
GNA(EY Lab)
GS-II (EY Lab)
MGL-Fc
Galectin-8
VLRB-A
WGA multimer
SSL-I 488
VIA-I 488
LSL-I 488
Anti-MGL
ME7(detected with a-HUD)
UEA I
BTL
ME5(detected with a-HUD)
rNV VP CTB
Human Galectin-1
DCASGPR stem1
MGL 4-18
AOL (Mab-HEL)
AAL

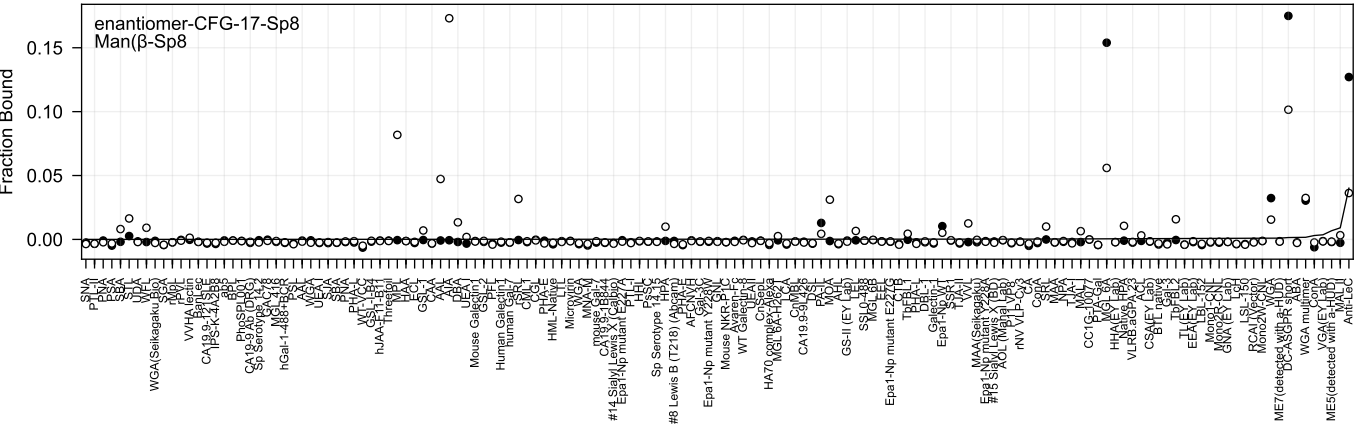

enantiomer-CFG-13-Sp8
Neu5Ac(α-Sp8
Fraction Bound
0.06
0.04
0.02
0.00
SNA
SNA (EY Lab)
CSA(EY Lab)
IPS-K-A2B8
mouse Gal-7
human NEA
NEA
MAL I
MAA
MAL II
PNA
BSL
PTA-Gal
VVHA(Jacalin)
WGA multimer
SBA
SSA
HA70 complex-Alexa
DBA
UEA I
MPA
CC1 Protein
PHA-L
BPL
CTB
UEA I
CrPA
UEA I
Con A
PHA-E
Epa1-Np mutant E227G
Mouse Gal-1
Phosphoprotein
WT Galectin-3
CTB
Galectin-1
Threonin
SBA
WGA(Seikagaku)
TJA-II
TJA-I
GNA
AAL
DC-ASGPR short
AAL
GNL
MGL 2/8
GAL-2/8
Monoclonal-CNL
MAA
MAA(Seikagaku)
Man ex
Man
CrSerp
Sp Serotype CGT
MGL 6A-Pos
SNA
Epa1-Np mutant E142/5
Sp Serotype 14
AFGN
Epa1-Np WT
Epa1-Np mutant Y286W
Human Galectin-1
Microvirin
HPA
HPL
AAL
Epa1-Np mutant Y286S
CA19.9-Native
CA19.9-SLE
hGal-1-488+hCS
CA19.9-12SLE
PTA-Gal
SBL
SSBY
rNV VLP
rNV VLP-CVS
#14 Sialyl Lewis X (Calbio)
Avarol
#8 Lewis B (T218) (Abcam)
AVL
SVA
PTA-Gal
PTA
TEL
VLRB.aGPC.2
PPA
GSL-2
PPA
hJAA-F11-B01
PAL
RCA(Vector)
Mouse NKR
EEL
CA19.9 (Lab)
HPA
EEA(EY Lab)
TJA-I
TJA-II
GNA (EY Lab)
TJA-I
GSL-I (EY Lab)
GSL-II (EY Lab)
AOL (Marker Lab)
ATL
HHA(EY Lab)
Monoclonal CNL
Native HPA
LBL-122
LBL-152
#15 Sialyl Lewis X (Calbio)
DBA
WGA
WGA
ME7(detected with 81-HUD8)
WT-VCS
ME5(detected with 81-HUD8)
Anti-Lec

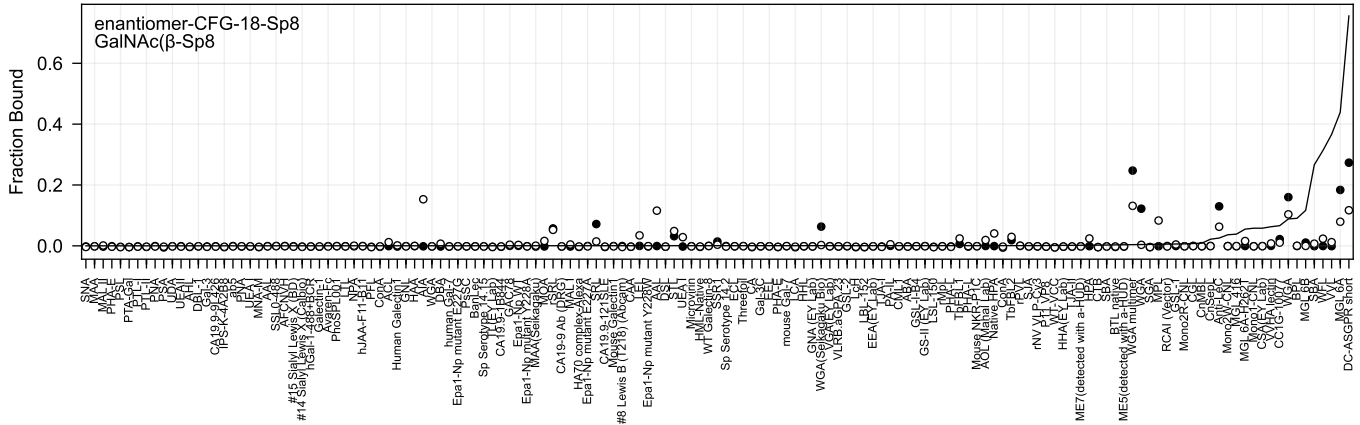

enantiomer-CFG-13-Sp11
Neu5Ac(α-Sp11
Fraction Bound
0.04
0.02
0.00
VVL
WGA mutant
CCL1G-1077
SNA
WGA(Sekiguchi)
PhoSL
LCA
VFA
VVHA
Lectin
DBA
SBA
PTL-I
PTA
PTL-II
BSL
TL(EY Lab)
MAL-I
MAL-II
CA19.9 - LB24
hGal-1-488-BCR
rNV LP-1-v3
Sp Serotype 14-3
SBL
SNL
WGA
mouse
SBA
PHA-L
Galectin-1
Arxula
BPL
Cnc-ABA
CA19.9 - AL-B
CA19.9 - AL-A
TKA
PNA
MAA(Sekiguchi)
MAA
PHA-E
GNL
ACL
Galectin-3
PWA
WGA
HPA
HAA
VGA
SJA
GSL-I-B4
Mouse Galectin-1
Human Galectin-1
ECL
LEL
UDA
CPA
CMBL
Vicia
CSA
CSA(EY Lab)
SSA
SSL
Epa1-Np mutant Y226W
MGL 6A-488
#8 Lewis B LT2(8) (Abcam)
CA19.9 - AL-C
MAL-I Native
Epa1-Np mutant Y226A
SAL
PSL
DSL
Ban Lec
WT Galectin-1
MGL 8B
Epa1-Np mutant E227Q
Sp Serotype 14-1
Human Galectin-3
VLRB.GFP
AFA
Epa1-Np mutant Y226L
Mouse Galectin-3
TJA-II
#15 Sialyl Lewis X (BD)
YGA(EY Lab)
MNA-M
Microcin J25
AIL
GNA
MGL-1-FITC
Mouse Galectin-9
CA19.9-AL-D
HA70 complex-Alexa
PTA
PTA-3
Galectin-7
EEA(EY Lab)
Galectin-2
GSL-I-A4
TqE
BLT
EEL
hAAA-F11-BLT
WE7(detected with a-hUD)
#14 Sialyl Lewis X (BD)
NPA
Monoclonal CNL
Galectin-4
AOL (Mahal Lab)
RCA I(Vector)
Monoclonal CNL
DC-ASGPR sfp2
LBL-1-B3
Native HPA
Arxula
PsSC
SSL1-488
WT-ACL
DBL-T
SNA

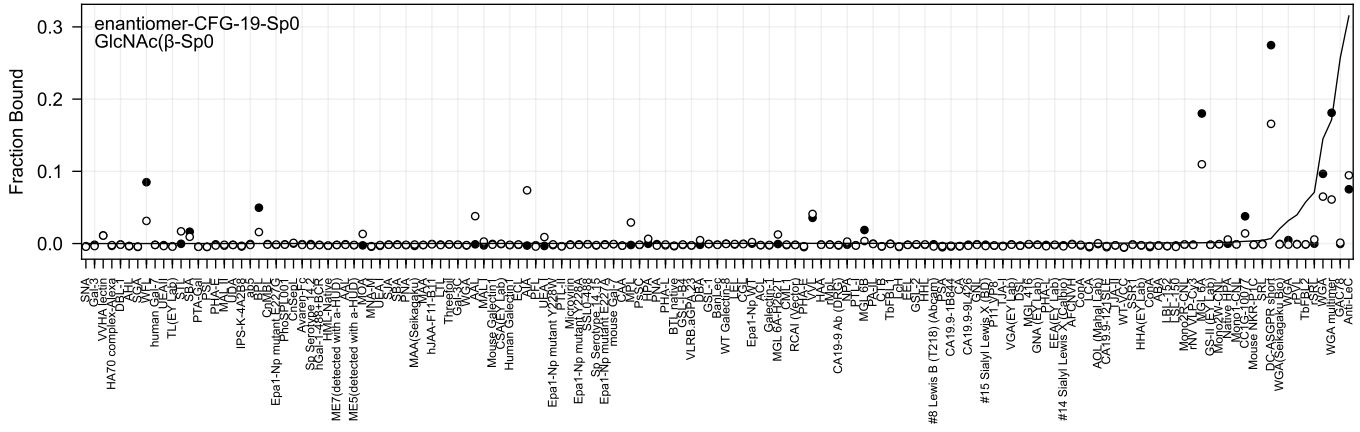

enantiomer-CFG-14-Sp8
Neu5Ac(β-Sp8
Fraction Bound
0.06
0.04
0.02
0.00
Galectin-1
PNA
SJA
TL(EY Lab)
UEA-I
SBA
BPA
ENA
PTA
VGA(EY Lab)
MAA(V)
MAA
MAA(Seikagaku)
PHA-E
PHA-L
CA19.9-12 SVE
Epa1-Np mutant E227A
WGA(Sigma)
PNA(Sigma)
Micrococcin
CGG
AOL (Mabgal Lab)
ABA
HA70 complex-Alr-9
PSA
CC1G-1 (B57)
GS-II (EY Lab)
PWM
ACL
AHL
SBA
PAL
PHA-E
PHA-L
WT Galectin-3
MPL
Avaren-1c
AAL
CAA
Galectin-1
Mouse Galectin-1
Human Galectin-1
CPA
CNA
CVN
CAL
CGL
Epa1-Np WT
GSL-I
CGL-1
rNV VLP-CX3
LCA
CSA-B4
HMA
HPA
#14 Sialyl Lewis X (Calbiochem)
CA19.9-426
CA19.9-1116
#15 Sialyl Lewis X (Calbiochem)
DBA
DSL
GNL
Bauhinia
Sp Serotype 1-4
Epa1-Np mutant Y226A
Sp Serotype 1-4
RCAI (Vector)
Sp Serotype 1-4
Mouse NKR-P1C
MGL 6A-316
Epa1-Np mutant E227Q
VLRB.aGAL23
TBP-PL
CA19.9-1B78
SNA
SAL
WGA
PHA-L
PHA-L
WGA
#8 Lewis B (T218) (Abcam)
CSA(EY Lab)
GSL-I
CGA
OAA
ABA
AFCNDA
MGL 6A-H2627
Bitetail
HHA(EY Lab)
CA19.9-Ab (Dako)
PHL
LTA
LTL-B5
MGL-1
MGL-2
EEA(EY Lab)
Mouse-Galectin-1
hGal-1-488-BCS
huSBL-2-488
GNA(EY Lab)
Epa1-Np mutant Y226A
CTB
Mono1-KDK
KDK
WT-VCC
mouse SNA
MGL-6A
MGL-6A
Mono2W-CSF
Native HEA
hJAC-11-B11
ME7(detected with a-HUD)
ME5(detected with a-HUD)
WGA Anti-Lec
Anti-Lec
DC-ASGPR short
BTL native

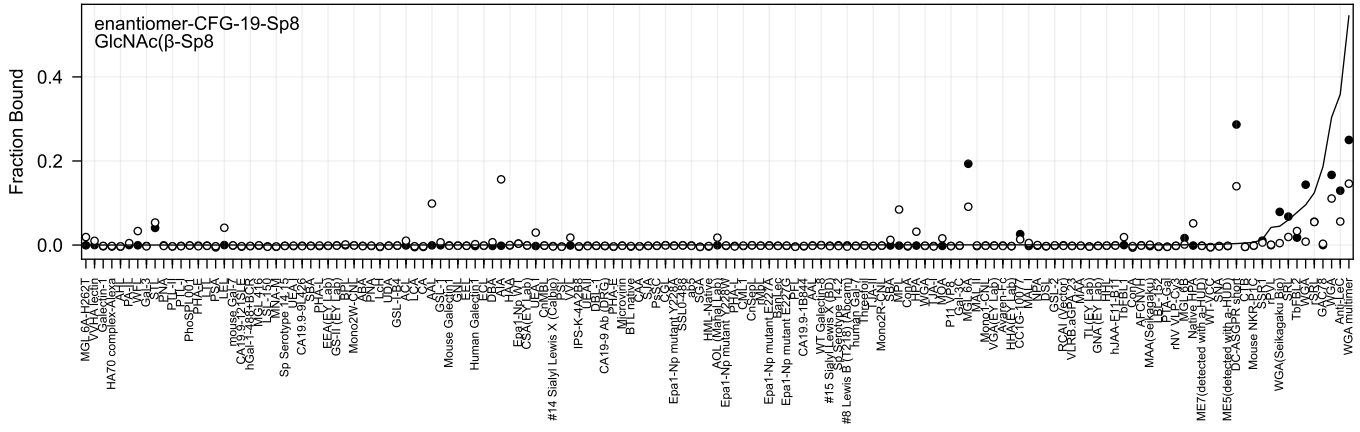

enantiomer-CFG-15-Sp8
Gal(β-Sp8
Fraction Bound
0.0
0.1
0.2
GS-II (EY Lab)
ABA
ABA
JFS-1-488
A19.9-488
HA70 conjugate
EEA(EY Lab)
DBA
PNA
TL(EY Lab)
BPA
PSA
UEA
UDA
PHA-L
MAA
SNA
SNA
CNBL
MNA
MOA
AFCNA
HML-Native
#15 Sialyl Lewis X (BD)
hGal-1-488+BDR
Human Galectin-3
Human Galectin1
WT Galectin-3
MGL 6A-H2B21
GalsDm-1
hHA-F1-488
CA19.9 Ab (DRG)
Sp Serotype 1 NPS
Sp Serotype 1 NPS
Gal-3C
Gal-3C
GSL-I
Sp Serotype 14
CA19.9-12 (ISLE)
Bart Lec
GAC78
BSA
BSA
MPA
GSL-I
MGL-4-1E
GSL-I-B4
#14 Sialyl Lewis X (Calbio)
MPA
GSL-I
MGL-4-1E
#8 Lewis B (T218) (Abcam)
MAA(Seikagaku)
GSL-I-B4
SNA
SNA
PhoSPL
MAA
Microvirin
GNA (EY Lab)
ECA
ECA
TJA-I
UEA-I
GSL-I
AOL (Maha Lab)
Thrombin
CSA(EY Lab)
PHA-E
PHA-L
ACA
PNA
ACL
ACL
BSL
BSL
Epa1-Np mutant F227A
Mouse NK2
human Gal-7
MGL 6A
CTB
CTB
BeL
BeL
PAA
PAA
VLRB.aGFP
PAA
CA19.9-488
CA19.9-488
HHA(EY Lab)
WGA
MAL-I
mouse NK2
MAL-I
SSL-SSA
SSL-SSA
Avaren-Fc
VGA(EY Lab)
WGA(Seikagaku Bio)
Monoclonal
Native EDA
LBL-152
Mono2W-GNL
TBP-BL2
SNA
SNA
TBP-BL2
CC1(9-1007)
Mono1-GNL
Epa1-Np mutant E227G
Epa1-Np mutant E227G
Epa1-Np mutant Y228A
p11 Y228A
VSA
ME7(detected with a-PUD)
Epa1-Np WT
ASGPR-CY3
DC-SIGN-CY3
ME5(detected with a-PUD)
VVA
VVA lectin
Anti-Lec
Anti-Lec
WGA mutmer
RCA (Vector)

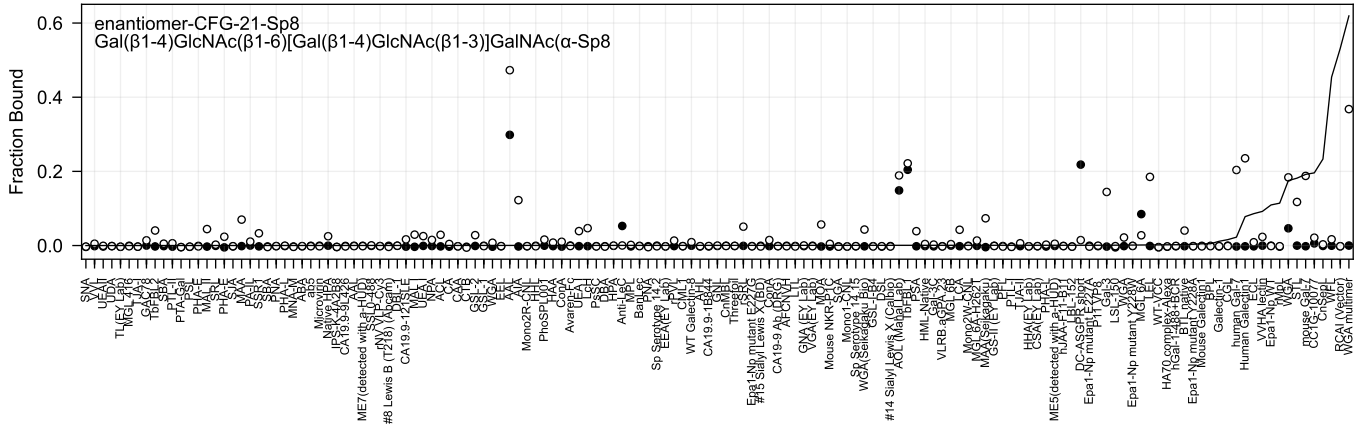

enantiomer-CFG-16-Sp8
Glc(β-Sp8
Fraction Bound
0.3
0.2
0.1
0.0
SNA
MAA
MAA(Seikagaku)
TL(EY Lab)
AAL
ACL
DSA
Gal-3
CA19-9-APC
IgG-APC
ABS
SBA
SNA
MNA-N
SSL-A488
WT-Kaviya
HPA-488
#8 Lewis B (T218) (Abcam)
#15 Sialyl Lewis X (Abcam)
Sp Seromyxa 1,4,6
Sp Seromyxa 1,4,6
Epa1-Np WT
DBA
hJAA-F11-B11
WGA
Human Galectin-1
ACA
AIA
Gal-1
Gal-3C
GNL
SNA
UEA-1
CA19-9-125-FITC
mouse Gal-7
CA19-9-APC
mouse Gal-7
CA19-9 A0 (DSS)
#14 Sialyl Lewis X (CNRLI)
hGal-1-488-BCR
WGA-Alexa 488
WGA-Alexa mutant
PNA
Mouse Gal-1
Mouse Gal-7
PTL-I
PTL-II
MGL 6A
MGL 6B
SSA
MGL 6A
MGL 6B
CCG-Alexa
GGG-007-1
VLRB.aGP-A2
HA70 complex-Alexa
Epa1-Np mutant Y226A
Epa1-Np mutant Y226A
Bam-rec
TJA-I
TJA-II
MGL 6A (H281)
Threo(o)
Epa1-Np mutant E229G
Epa1-Np mutant E229G
HPA
Epa1-Np mutant E229K
Epa1-Np mutant E229K
ECA
Mouse NKR-P1C
CSA(EY Lab)
CSA
CSA
PhoSPD
DSA
WGA
WGA
VVL
WT Galectin-1
HPA
Epa1-Np mutant Y226A
Epa1-Np mutant Y226A
rNV VLP
MGL 6B
PAA
ESA
GSL-2
WGA(Seikagaku)
UEA
ECL
TJA-I
PTL-II
VVHA HPLC
Avarol-PC
AOL (Maha Lab)
MGL 6A
MGL 6B
DSL
CSA
Mouse Galectin1
PNA
PNA
HHA(EY Lab)
HPA
Native Con A
GSII (EY Lab)
EEA(EY Lab)
Monod-CNL
Monod-CSL
Monod-SSL
WT-VCC
GNA (EY Lab)
LEL
PPL-2
Mannan-CNL
DC-SIGN-short
RSGA (Neuge)
VGA(EY Lab)
ABA
MUA
MAL-I
MAL-II
ME7(detected with a-Glc)
MUA
MAL-I
MAL-II
ME5(detected with β-Glc)
Anti-LeC

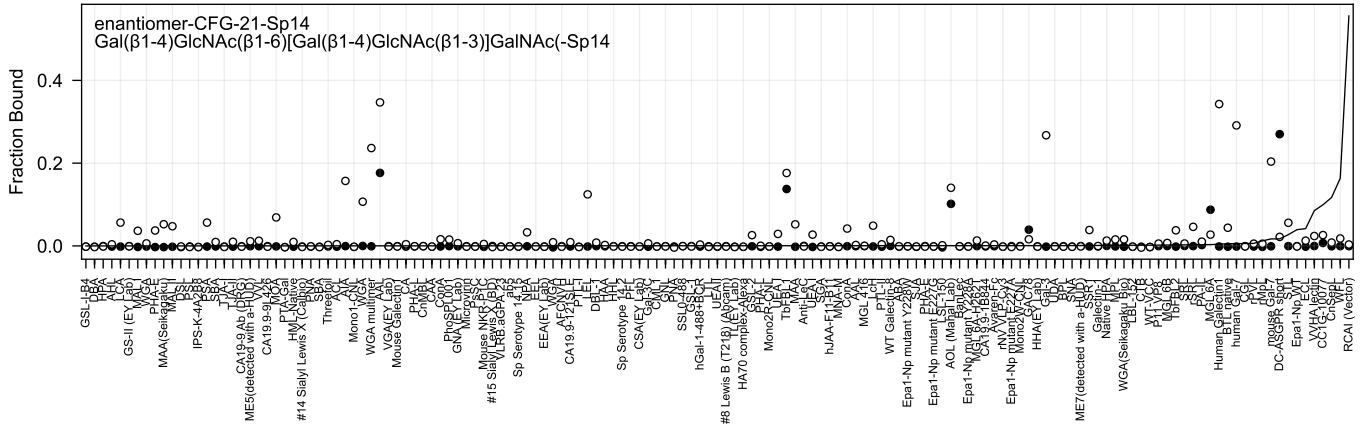

enantiomer-CFG-17-Sp8
Man(β-Sp8
Fraction Bound
0.15
0.10
0.05
0.00
SNA
PNA
DSA
SBA
UDA
VFA
WGA(Seikagaku)
SEA
PWM
VVHA-lectin
CA19-9-Plus-Le
IPSK-4A2BB
BPL
PnSP-IPGM1
CA19-9-Le
Sp Serotype 12-3
MGL-418
hGal-1-488-BLK
ACL
UEA-I
ACA
SJA
SNA
PHA-L
WFA
GSL-I B4
hJAA-Threonin
MPL
ECL
GSL-I
AAL
DBA
LEA
Mouse Galectin-1
GSL-2
Human Galectin-1
human Gal-7
CNL
PTA
HAA
HML-Nature
Microvilin
WGA
MNA-M
mouse Gal-1
#14 Sialyl Lewis X (Calbiochem)
Epa1-Np mutant E227A
Epa1-Np
TEL
HPA
Sp Serotype 14-3
#8 Lewis B (T218) (Abnova)
AFGNV
Epa1-Np mutant Y228W
Epa1-Np
Mouse NKR-P1C
WT Galectin-1
Avaren-Fc
CTB
HA70 complex
MGL (EA1-1284)
CA19.9-9-426
ConA
CA19.9-9-426
PAT
MOA
PAT
GS-II (EY Lab)
SSL0-488
MGL-EB
Epa1-Np mutant E227G
TJA-II
TBGL-1
BPL-1
Galectin-1
Epa1-Np
TJA-I
MAA(Seikagaku)
Epa1-Np mutant Y228A
#15 Sialyl Lewis X (Calbiochem)
AOL (Wakabayashi Lab)
rNV VLP-CA
CGB
GSA
NMA
TJA-I
CC1G-1-488
MOT
PTA-Gal
HHA(EY Lab)
VLR-Nature
PFA
CSA(EY Lab)
ACL
BYE (EY Lab)
Gal-3
TBP
TJA-II (EY Lab)
EEA (EY Lab)
Morpo-CNL
MNA(EY Lab)
GNA(EY Lab)
LSL-1
RCA(Vector)
Mono2W-CNX
ME7(detected with a-HUD)
DC-ASGPR
SBA
WGA mutant
VGA(EY Lab)
ME5(detected with a-HUD)
Anti-LeC

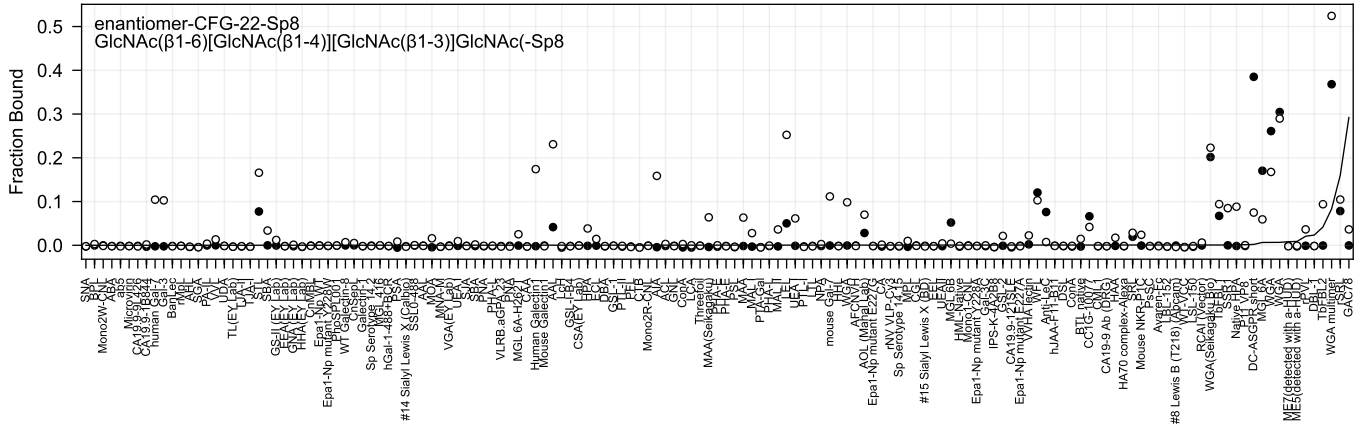

enantiomer-CFG-18-Sp8
GalNAc(β-Sp8
Fraction Bound
0.0
0.2
0.4
0.6
SNA
SNA
MAL I
MAL II
PSL
PTA-Gal
PTA-I
PTL-II
PSA
UEA
UEA
ACL
Dolichos
Dolichos
CA19-9 (Ab)
TFS-4-0-228
ABO
PNA
PNA
MAA-N
MAA-M
SSL-28
AIA
#15 Sialyl Lewis X (Calbio)
#14 Sialyl Lewis X (Calbio)
hGal-1
Galectin-1
Avidin
PhoSPLD
hJAA-F11
NPA
BPL
Con A
Human Galectin-1
HPA
HPA
WGA
DSA
human Galectin-3
Epa1-Np mutant E224G
FesSc
Bacillus 714-16
Sp Serotype 14-16
CA19-9 (Ab)
Epa1
Epa1-Np mutant Y228A
MAA (Seikagaku)
SSL
SSL
CA19-9 Ab (Ab)
HA70 complex
Epa1-Np mutant A228A
CA19-9 (Ab)
#8 Lewis B (1218) (Abcam)
VFA
Epa1-Np mutant Y228W
DSL
DSL
UEA I
Microvirin
WT Hemagglutinin
Galectin-8
Sp Serotype 5
Threonin
Ecl
Galectin
PhaE
PhaE
mouse Gal-1
HHL
GNA (EY Lab)
WGA(Seikagaku)
VLectin-Gp1
VLectin-Gp1
GSL-12
LBL-192
EEA(EY Lab)
PA-L
PA-L
CML
GSL-I B4
GSL-I B4
GS-II (EY Lab)
GS-II (SL Lab)
DMA
DMA
TEL-I
TEL-I
Mouse NKR-P1C
AOL (Mahal Lab)
Native Con A
Con A
Tbp-B
SJA
SJA
nNV VLP (Y94)
HHA(EY Lab)
HHA(EY Lab)
ME7(detected with a-HDL)
STB
STB
ME5(detected with a-HDL)
BTL native
WGA(Murex)
WGA
MPA
MPA
RCAI (Vector)
Mono2R-CSL
MGL
CnSepL
CnSepL
Mono2R-CSL
MGL 6A2-B10
Mono1-CSL
CCTA (Lab)
CCTG-10071
BPL
BPL
MGL-BB
MGL-BB
WFL
WFL
MGL 6A
DC-ASGPR short

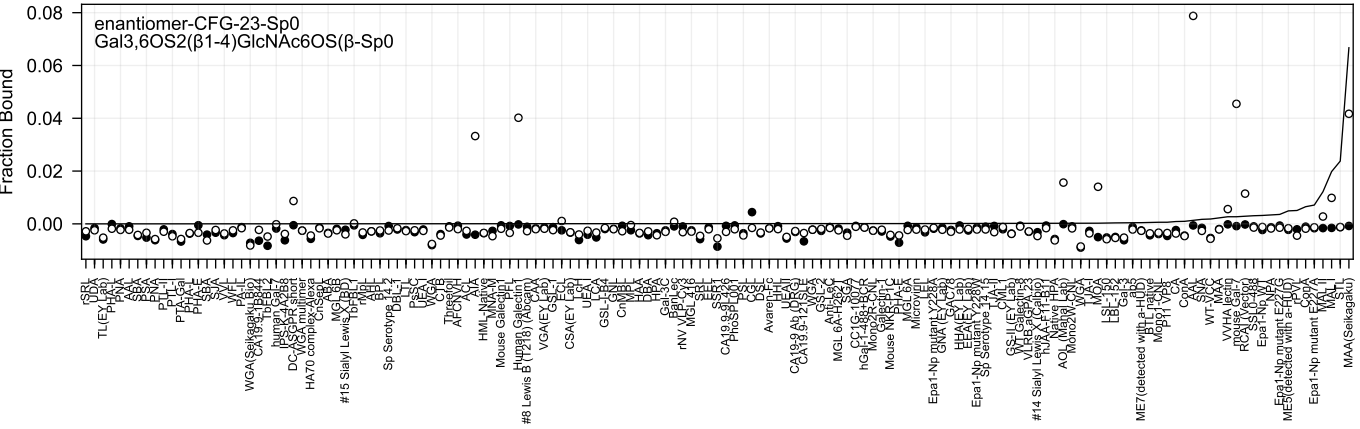

enantiomer-CFG-19-Sp0
GlcNAc(β-Sp0
Fraction Bound
0.3
0.2
0.1
0.0
SNA
Galectin
VVHA
HA70 complex
Dectin-1
SFL
SFA
WFL
WFA
human UEAII
TL(EY Lab)
SBA
PTA
Basil
PNA
RCA-I
MOA
IPS-K-4A288
BBL
BBP
Epa1-Np mutant Y228W
Cnu2075
PhoSP_0001
Avarem-FE
Sa Serovar-E-2-2
Sa Serovar-B-2-2
HML-Native
ME7(detected with a-HLD)
ME5(detected with a-HLD)
AAL
MNA-M
MNA-N
UEA
SNA
SBA
MAA(Seikagaku)
hJAA-F1-1-B21
LTL
Tnegalol
Galectin
WGA
MAL
Mouse Galectin
Human Galectin
ECA
EAA
UEA1
Epa1-Np mutant Y228W
Mcpxy-H
Epa1-Np mutant Y228W
Epa1-Np mutant L228
Sa Serovar-14-1-2
Epa1-Np mutant E227Q
mouse Galectin
PSA
PSC
PNA
RCA
PHA-L
BT-Galectin
VLRB.aGPA23
GSL-I
Benlysine
WT Galectin
CEL
Epa1-Np
ACL
Galectin
MGL 6A-P262T
RCAI (Vector)
PHA-E
PHA-L
HYA
CA19-9 Ab (Dojindo)
NPA
MGL 6B
PAA
TbFBL1
Epa1
GSL-I
#8 Lewis B (T218) (Abcam)
CA19.9-1B82
CA19.9-9-G8
#15 Sialyl Lewis X (Abcam)
PHA-L
VGA(EY Lab)
MGL-418
GNA (EY Lab)
#14 Sialyl Lewis X (Abcam)
CoCA
AOL (Mana Lab)
CA19.9-1-2
WT SSA
HHA(EY Lab)
ABA
ABA
LBL-156
Morone-CNL
INV MGL-2A3
GS-II (EY Lab)
Mouse Native IgM
Mouse IgG1
Mouse NKR-P1C
DC-ASGPR
WGA(Seikagaku,Lot Boc)
NPA
Tbp-FBL
WGA
WGA mutant
Anti-LeC

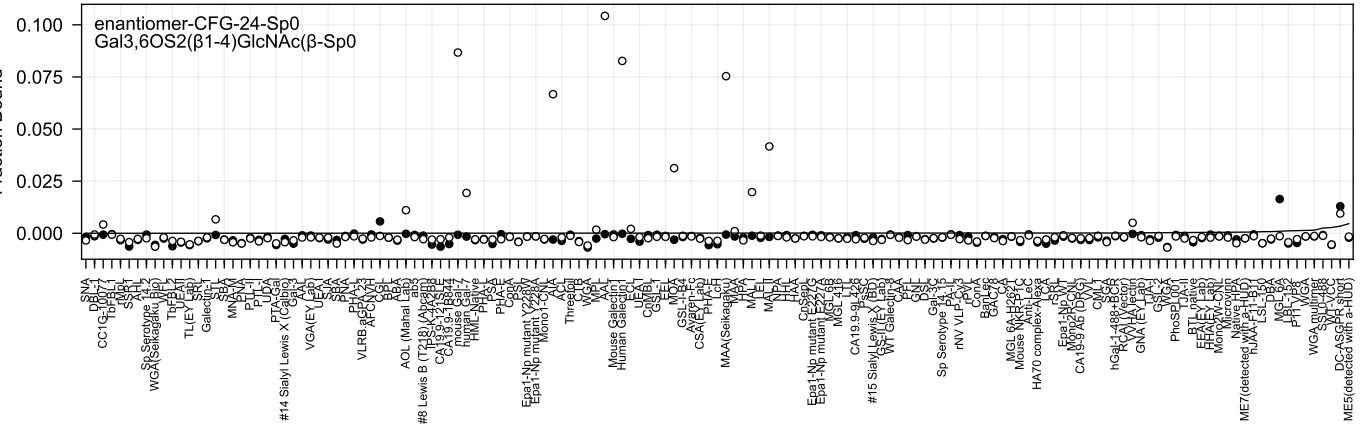

enantiomer-CFG-19-Sp8
GlcNAc(β-Sp8
Fraction Bound
0.0
0.2
0.4
MGL 6A (H267)
LyA
Galectin-1
HA70 complex
ABP
FAFL
Gal-3
BNA
PTL-I
PhoSL (01)
PHA-E
PSA
mouse Gal-7
hGal-1 (Lab)
hGal-1 (Sigma)
MGL 418
LNA-N
Sp Serotype 14 (1)
CA19.9-Sp8
SSA
PTA
EEA (EY Lab)
GS-II (EY Lab)
BPL
Mono2W
CNL
PNA
UDA
GSL-I B4
LCA
ACA
GSL-I
Mouse Gal-9
GNL
EEL
Human Gal-9
PCL
DBA
HAA
Epa1-Np
CSA (EY Lab)
UEA-I
Con A
#14 Sialyl Lewis X (Calbiochem)
VVL
IPS-K-4A258
DSL
CA19-9 Ab
PAA-1
Microvirin
BTL
PNA
SNA
PSL
SSA
Epa1-Np mutant
YCL
SLL
SLL238
SBA
HML-Naive
AOL (Mature 280)
Epa1-Np mutant (280)
PTA-1
CnSL
Epa1-Np mutant
EPL
Epa1-Np mutant
Epa1-Np mutant E2
PCL
CA19.9-TB244
WT Galectin-3
#15 Sialyl Lewis A (B2)
#8 Sialyl Lewis B (T218) (Abcam)
human Galectin-1
Mono2R
VAA
SBA
MPA
PPA
CPA
VVA
MAA
P11
Gal-3C
MGA
Mono1-CNL
VOA
Avarin-B2
HHA
CCTR (Lab)
MAL
DSL
GSL-2
RCA (Vector)
VLRB.aGP1
MAA
TL (EY Lab)
GNA (EY Lab)
hJAA-F11-B11
TBEB-1
AFCNV1
MAA (Seikagaku)
PTA-Sa
rNV
MG-68
Naive HDL
WT-XCC
ME7 (detected with a-HUD)
DCA-SGPR stock
ME5 (detected with a-HUD)
Mouse NKR-P1C
SNA
WGA (Seikagaku Bio)
TcpB
VVA
GNA
GAL8
Ant-Leg
WGA multimer

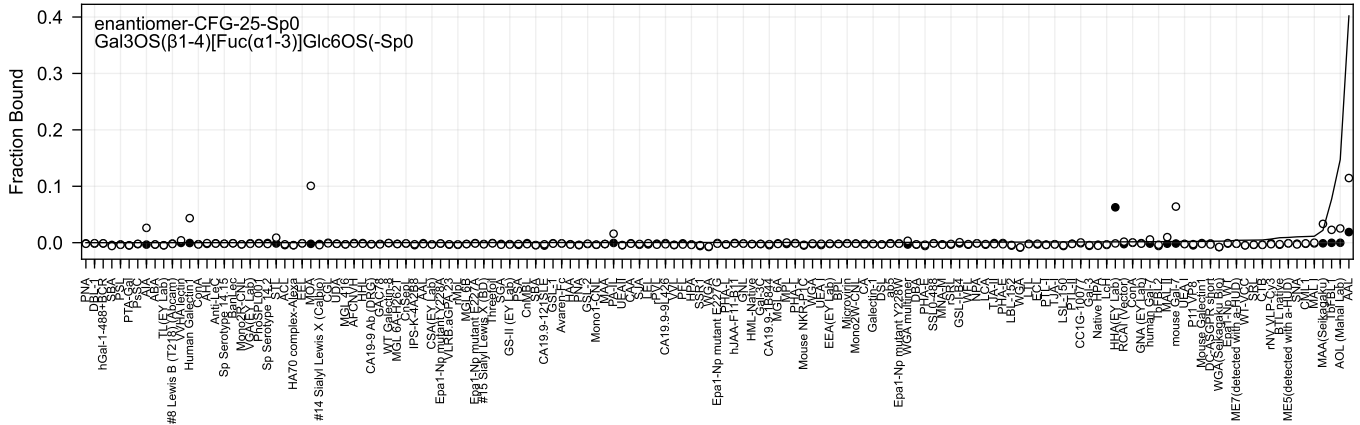

enantiomer-CFG-21-Sp8
Gal(β1-4)GlcNAc(β1-6)[Gal(β1-4)GlcNAc(β1-3)]GalNAc(α-Sp8
Fraction Bound
0.6
0.4
0.2
0.0
SVA
UEA1
UEA2
TL-I (EY Lab)
MGL 2/3
GAL3
TBA
SBA
F_TL-I
PTA
PSL
MAL-II
SRL
PHA-L
SVA
MAA
PNA
SSA1
SSA2
BRA
MNA-M
ABA
abs
Microcin B
Naive HBA
IgG (Sigma)
CA19-9-IgG28
ME7(detected with a-HEL)
#8 Lewis B (T218) (Alpha)
CA19.9-12
PSL-I
MAL-I
UEA1
ACL
CAA
STA
GSL-1
VEA
WGA
AAL
Mono2R-CNL
PhoSP-CNL
HAA
Avarogen
UEA1
PSA
DBA
Anti-Lec
Banlec
PNA
Sp Sarcoma
EEA(EY Lab)
CML
WT Galectin-3
CA19.9-IgG44
MAL
Cnl
Thiroglobin
Epa1-Np mutant E227G
#15 Sialyl Lewis X (Fab)
CA19-9 Ab (CRG2)
AFCNL
GNA(EY Lab)
VGA(EY Lab)
MOA
Mouse NKR-P1C
Mono1-CNL
Sa Sarcoma
WGA (Selectogen Biotech)
GSL-I-B4
#14 Sialyl Lewis X (Calbiochem)
AOL (Marine Lab)
PSA
HML
Galectin-3
VLRB.aGPC
VLRB.aGPC
LCA
Monoclonal Ab
MAA (Selectogen)
GS-II (EY Lab)
PHA-L
F_TL-I
HHA(EY Lab)
CSA(EY Lab)
ME5(detected with a-HEL)
DC-ASGPR
Epa1-Np mutant S229A
Epa1-Np mutant Y228A
LSL
Epa1-Np mutant Y228A
MGL 2/3
WT-VEC
HA70 complex
NGal-1-Neo
BTL peptide
Epa1-Np mutant C228A
Mouse galectin-3
BPL
Galectin-3
human Gal-1
Human galectin-1
EGL
Epa1-HA-Neo
Epa1-Np
WGA
SAL
mouse Gal-7
CRGBP
RCA1 (Vector)
WGA multimer

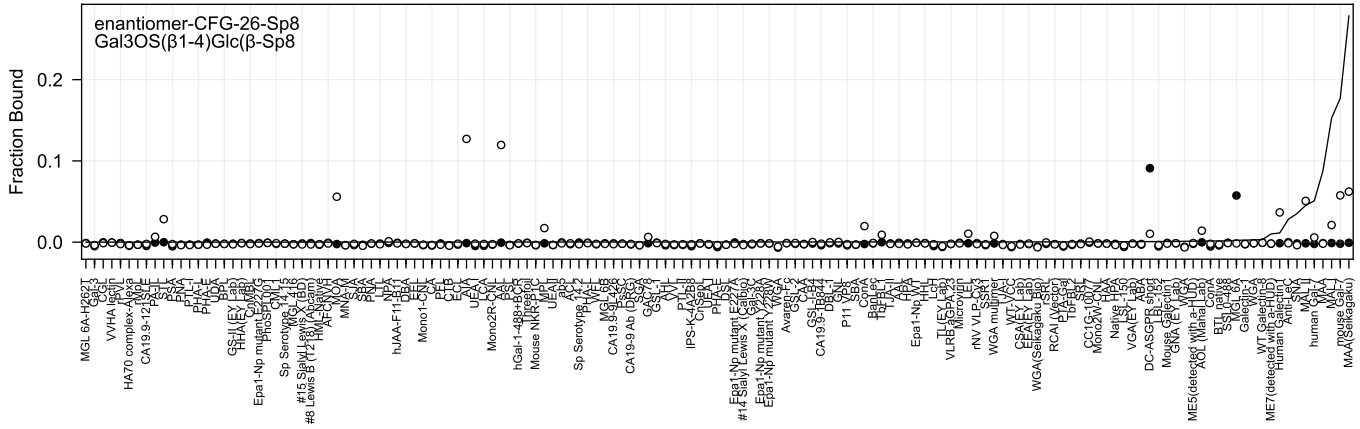

enantiomer-CFG-21-Sp14
Gal(β1-4)GlcNAc(β1-6)[Gal(β1-4)GlcNAc(β1-3)]GalNAc(-Sp14
Fraction Bound
0.0
0.2
0.4
GSL-I-B4
DBA
PNA
LCA
GS-II (EY Lab)
WGA
MAA(Seikagaku)
PWGA
MAL II
PSA
IPS-K-4B3
SBA
TJA-I
CA19.9 Ab (HRG)
ME5(detected with HRG)
VVL
CA19.9-9-1
WGA
PTA(Gal)
HMA(Gal)
#14 Sialyl Lewis X (Calbiochem)
SNA
Threepolo
ACA
Mono1 (VGA)
WGA multimer
VGA(EY Lab)
Mouse Galectin-1
PHA-L
CNA
ConA
Phos
GNA
EEL (EY Lab)
Microgard
Mouse NK8 BTC
#15 Sialyl Lewis X (Calbiochem)
VVL (EY Lab)
Sp Serotype 14
Sp Serotype 1
NEA
EEA(EY Lab)
EEA
WGA
AFA
CA19.9-12-SLE
PTL-I
PTL-II
DSL-I
HPA
Sp Serotype 14
CSA(EY Lab)
Galectin-3
GNL
SNL
SSL-28
hGal-1-486
SSL-2
hGal-1-486-DTT
UEA-I
#8 Lewis B (T218) (Abcam)
TL(EY Lab)
HA70 complex
CSA-49
TKA
Mono2
PHA-E
TEL
TBA
Ant-1-5c
SSA
hJAA-F11
MOR
ConA
MGL 416
PTL-I
WT Galectin-3
SA
Epa1-Np mutant Y228A
Epa1-Np mutant F227S
Epa1-Np mutant E225A
SST-150
AOL (Mabtech)
Epa1-Np mutant H285S
Epa1-Np mutant Y286A
CA19.9-1B244
nVVRP-C-5
Epa1-Np mutant E224A
GAC78
HHA(EY Lab)
Galectin-9
UDA
SNA
ME7(detected with a-SSR7)
Galectin-1
Galectin-7
Native MPL
WGA(Seikagaku)
BL-C18
PTL-VIB
MGL-6B
TD-1
SBT
PNA
MGL 6A
Human Galectin-9
human Galectin-7
PVL
GNA
mouse Galectin-7
DC-ASGPR short
Epa1-Np DVT
VVHA Ecc
cC1G-0077
CNA
MPL
RCAI (Vector)

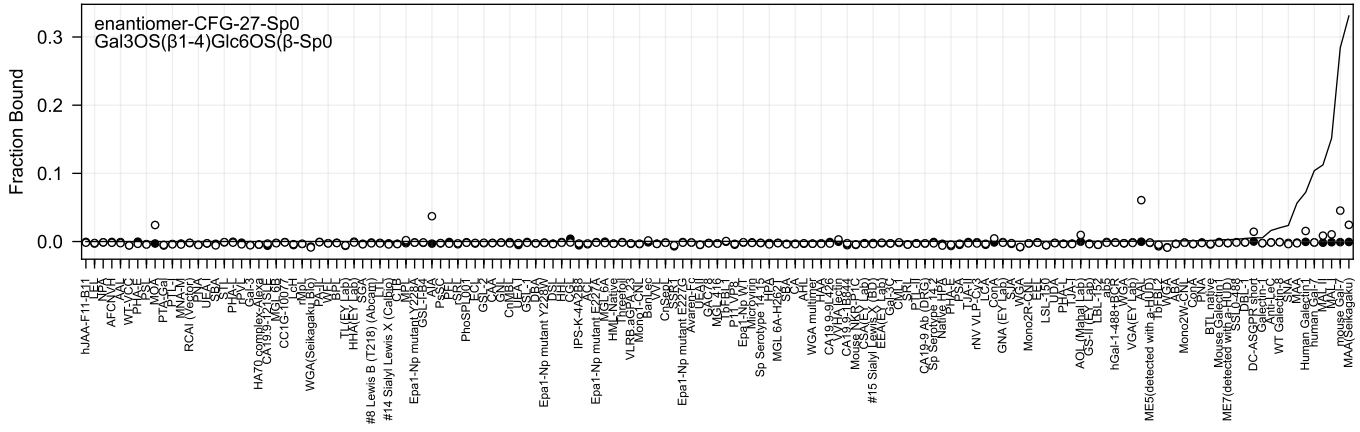

enantiomer-CFG-22-Sp8
GlcNAc(β1-6)[GlcNAc(β1-4)][GlcNAc(β1-3)]GlcNAc(-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
SNA
SNA
Mono2W-CNK
ABL
abs
Mycovin
CA19.9-IB44
CA19.9-IB44
human Gal-3
Gal-3
Ban ec
ABL
PNA
VVL
TL(EY Lab)
LFA-1
STL
STL
GSII (EY Lab)
SBA
GSII (EY Lab)
GEA (EY Lab)
HHA (EY Lab)
WGA (EY Lab)
Epa1-Np mutant Y229W
Epa1-Np mutant Y229W
WT Galectin-9
Galectin-9
GnSpe-1
GnSpe-1
Sp Serotype 14.2
Sp Serotype 14.2
hGal-1-488-BCR
hGal-1-488-BCR
SSL(Ca-488)
SSL(Ca-488)
AAL
AAL
MVA-M
MVA-M
VGA(EY Lab)
VGA(EY Lab)
SAA
SAA
SNA
SNA
VLRB.aGP-2-5
VLRB.aGP-2-5
PNA
PNA
MGL 6A-HCAA
MGL 6A-HCAA
Human Galectin1
Human Galectin1
Mouse Galectin1
Mouse Galectin1
AAL
AAL
GSL-I-B4
GSL-I-B4
CSA(EY Lab)
CSA(EY Lab)
EBA
EBA
ECA
ECA
GSL-I-A4
GSL-I-A4
PTL-I
PTL-I
CTB
CTB
Mono2R-CNK
Mono2R-CNK
ACL
ACL
CaNA
CaNA
Thrombin
Thrombin
MAA(Seikagaku)
MAA(Seikagaku)
PHA-E
PHA-E
PHA-L
PHA-L
BSL
BSL
MAL
MAL
PNA
PNA
PA-Gal
PA-Gal
MAL-II
MAL-II
UEA-I
UEA-I
PTL-I
PTL-I
NPA
NPA
mouse Gal-7
mouse Gal-7
NGA
NGA
AFCS
AFCS
AOL (Malhal Lab)
AOL (Malhal Lab)
Epa1-Np mutant E227G
Epa1-Np mutant E227G
rNV VLP-C-3
rNV VLP-C-3
Sp serotype 14.2
Sp serotype 14.2
NGA
NGA
#15 Sialyl Lewis X (EY Lab)
#15 Sialyl Lewis X (EY Lab)
UEA-I
UEA-I
MOE-BB
MOE-BB
HML-Naive
HML-Naive
Epa1-Np mutant Y229K
Epa1-Np mutant Y229K
IPS-K-Ca-488
IPS-K-Ca-488
GSL-I-B4
GSL-I-B4
CA19.9-1
CA19.9-1
Epa1-Np mutant E227E
Epa1-Np mutant E227E
WVA(Fisher)
WVA(Fisher)
Anti-Vec
Anti-Vec
hJAA-F11-B31
hJAA-F11-B31
ConA
ConA
BTL
BTL
CCL-1 mouse
CCL-1 mouse
CA19.9 Ab (Dako)
CA19.9 Ab (Dako)
HA70 complex-488
HA70 complex-488
Mouse NKR-P1C
Mouse NKR-P1C
Avaren
Avaren
TEL-152
TEL-152
#8 Lewis B (T218) (KY-VGO)
#8 Lewis B (T218) (KY-VGO)
LSL-150
LSL-150
RCA(Vector Lab)
RCA(Vector Lab)
WGA(Seikagaku)
WGA(Seikagaku)
Bio
Bio
TSB1
TSB1
Naive HFA
Naive HFA
DC-ASGPR short
DC-ASGPR short
MGA
MGA
WGA
WGA
MEZ(detected with a-HUD)
MEZ(detected with a-HUD)
MEZ(detected with a-HUD)
MEZ(detected with a-HUD)
DBA
DBA
TJA-I
TJA-I
TJA-II
TJA-II
WGA mutant
WGA mutant
GAC78
GAC78

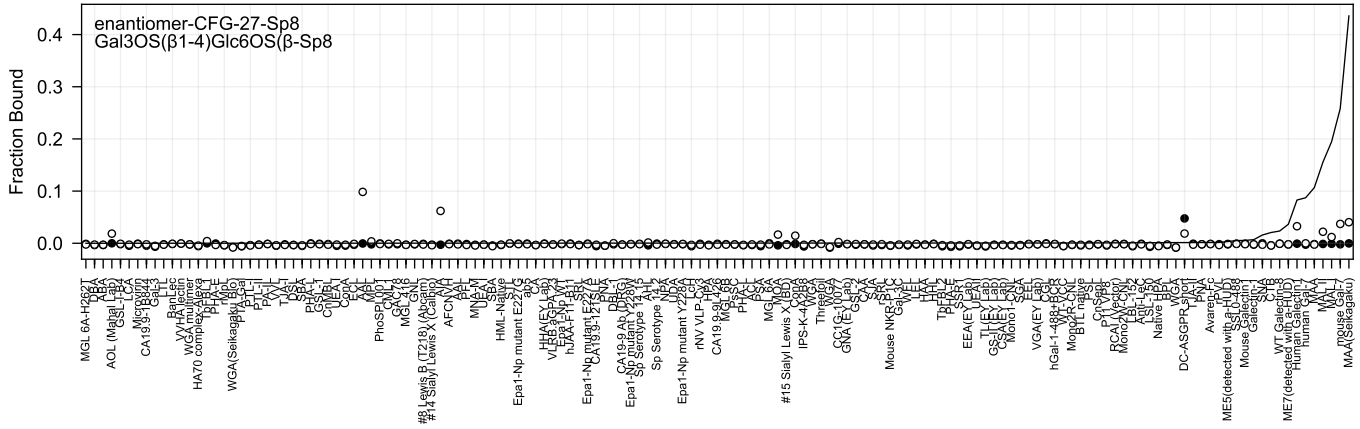

enantiomer-CFG-23-Sp0
Gal3,6OS2(β1-4)GlcNAc6OS(β-Sp0
Fraction Bound
0.08
0.06
0.04
0.02
0.00
SBL
SBA
TL(EY Lab)
PNA
SAL
BPL
BSA
PTL-I
PTL-II
PTA-I
PTA-II
ABA
SJA
WFL
WGA
WGA(Seikagaku)
TJA-I
CA19-9_PAA
CA19-9_PAA2
human IgG
DC-SIGN-Fc-2
WGA multimer
HA70 complex
Galectin-1
ABL
#15 Sialyl Lewis(PD)
Tb-RL
ABH
ABO
Sp Serotype 1
Sp Serotype 2
DBL-1
PsaC
WGA
CTB
Thy-1
APRIL(H)
AOL
HML_Naive
Mouse Galectin-1
PHL
Human Galectin-1(Alcam)
#8 Lewis B (H2218) (Alcam)
CAA
VGA
VGA(EY Lab)
GSL-I
CSA(EY Lab)
UEA-I
UCA
GSL-IV A
CnNBP
MAA
DBA
PHA-E
Gal-3C
PHA-L
MGL 416
EEL
SSA
CA19.9-Ab
PhoSP-LDN
CGL
DSL
Avarol-HCl
CA19-9-Ab (OncG)
CA19.9-12(SLE)
GSL-I B4
A-Hapten
MGL 6A/Hapten
SSA4
CC-1498-1804
hGal-1-CNT
Monozyr-CNT
Mouse NRP-1
MGL-C
Microvirin
Epa1-Np mutant Y228A
GNA (EY Lab)
HHA(EY Lab)
Epa1-Np mutant E227G
Sp Serotype 14
CML-1
GSL-I (EY Lab)
VLRB.aGP.23
Lewis A (Yale)
#14 Sialyl Lewis A (Yale)
Native TFA
AOL (Monozyr)
Monozyr-CNT
WGA
MGA
LBL-I
LBL-II
Gal-3
ME7(detected with a-HUD)
Mouse IgM
MgtD IgMM
pH1 VP8
CorA
SAA
SAO
WT-VCC
VVHA (Iecon)
Mouse Gal-7
RCA120
SSL(D-138)
Epa1-Np NA
Epa1-Np mutant E227G
ME5(detected with a-PUV)
PUV
Epa1-Np mutant E227A
MAL-I
MAL II
SLL
MAA(Seikagaku)

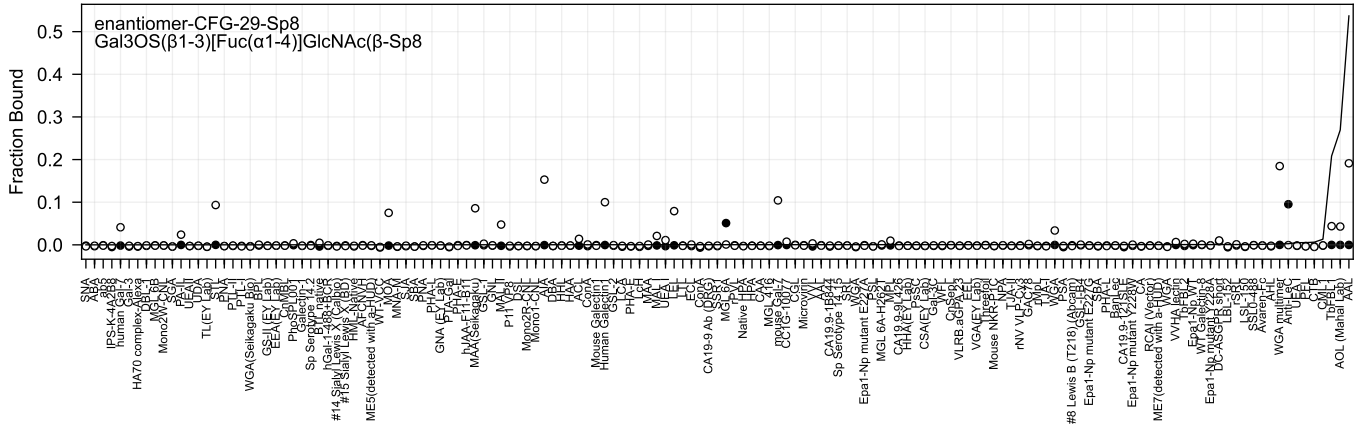

enantiomer-CFG-24-Sp0
Gal3,6OS2(β1-4)GlcNAc(β-Sp0
0.100
0.075
0.050
0.025
0.000
SNA
DBA
CC1(Galβ1-3)
Tn
TF
STn
Sp Serotype 12
WGA(Seikagaku) (WP)
TxB
TxB-F
TL(EY Lab)
Galectin-1
SJL
MNA-M
PNA
PTL-I
PTL-II
PTA-Gal
PTA-GalNAc
AAL
VGA(EY Lab)
SBA
SNA
PHA-L
VLRB aggl
APOCYA
BSL
UEA
LBA
AOL (Mahal lab)
#8 Lewis B (TriBE) (Ab2BB)
CA19.9-21(SLE)
CA19.9-21(SLE)
mouse Gal-7
human Gal-7
HMA
PHA-E
PHA-P
PTA-E
Con A
Epa1-Np mutant Y228V
Epa1-Np mutant Y228A
Morniga G
AIA
Threonin
VCLB
WFA
MPL
Mouse Galectin1
Human Galectin1
UEA-I
CSNB1
CSNB1
CTB
FEL
GSL-I-B4
MGA
CSA(Ab1)-EC
PHA-E
MAA(Seikagaku)
WGA
MAA
MAL-I
MAL-II
NPA
HPA
TJA-I
TJA-II
Epa1-Np mutant Y227A
Epa1-Np mutant E227A
MGL-1(B)
MGL-1(A)
CA19.9-9-328
#15 Sialyl Lewis X (TriBE)
WT Galectin-3
CBA
GNL
Galectin-3C
Sp Serotype 14, 15
rNV VLP
rNV VLP
ConA
BanLec
CA
MGL 6KHR291C
Mouse MGL
Anti-LeC
HA70 complex-Vero
SSA
Epa1-Np
Mouse2RCNA
CA19.9 A6 (DKFZ)
CMLT
hGal-1-488-BCR
RCA(Vector)
GNA(EY Lab)
GSL-I
GSL-II
PhoSL
VGA
PTA
DSA
DSA-II
BTL
BTL (Native)
EEA(EY Lab)
EEA(EY Lab)
Monoclonal
Microvigin
Native HUPA
ME7(detected with a-HUD)
hJAX-P11-B11
LSL-DBA
MGL-6A
PHT-1B4
PHT-1B4
WGA
WGA mutant
SSA-1488
SSA
DC-ASGPR sIGT
ME5(detected with a-HUD)

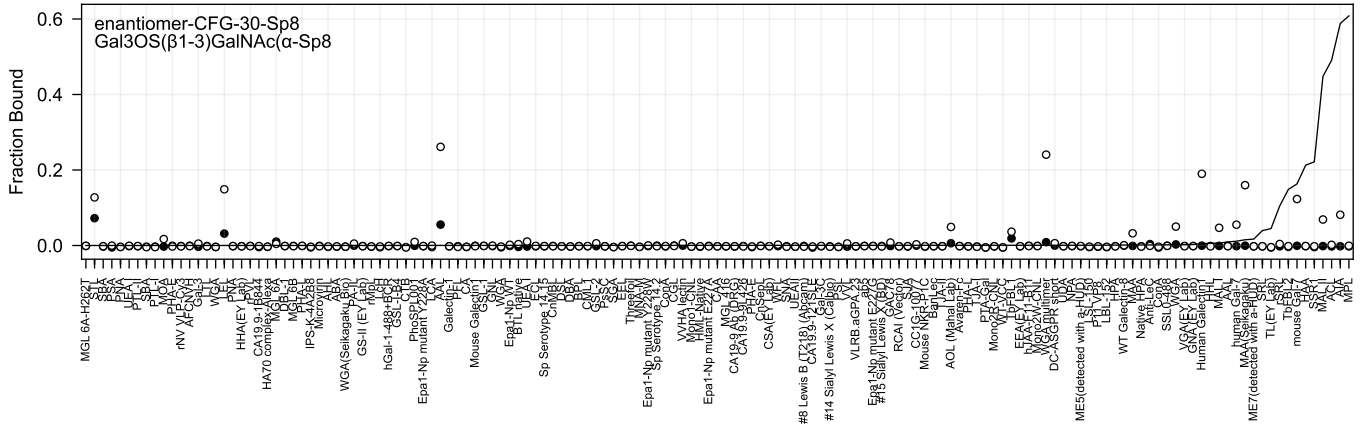

enantiomer-CFG-25-Sp0
Gal3OS(β1-4)[Fuc(α1-3)]Glc6OS(-Sp0
Fraction Bound
0.4
0.3
0.2
0.1
0.0
PNA
DBA
hGal-1-488+EDC
PSA
PTA-Gal
ABA
AAA
#8 Lewis B (T21)(Abcam)
Human Galectin1
CAA
Anti-Leg
Sp Serotype
Bandeiraea
Wonder Cat
Anti-Leg
ProSpLpn1
Sp Serotype
SLT
ACL
HA70 complex-X
PEA
#14 Sialyl Lewis X (CLONA)
CSL
MGL 418
AFCNVA
CA19-9 Ab (DRG)
WT Galectin-8
MGL 6A-1262
IPS-K-2A288
CSA(EY Lab)
Epa1-Np mutant (M2-6B)
VERB aGFP (V2293)
Epa1-Np mutant (M2-6B)
#18 Sialyl Lewis X (TBD)
Threalign
GS-II (EY Lab)
CnMBL
SSA
GSL-I
CA19.9-12(Sigma)
Avarelin
ENA
GNA
Mono1-ONE
MAA
UEAII
SLA
PFL
CA19.9-4.428
PTL
LEA
SWGA
Epa1-Np mutant (E122-G)
hJAA-F11 (R&D)
HML-native
CA19.9 (BioLegend)
MGL 6A
MPL
Mouse NKR-P1C
VEA1
EEA(EY Lab)
Mono2W-CN
Galectin-1
ABS
Epa1-Np mutant Y226W
WGA(Triticum vulgaris)
DSA
PL-188
SSL-1(Lab)
MNA-M
GSL-I(Lab)
NEA
TCA
PHA-E
LBW32
CTL
ECL
TJA-I
LSL
PTL-II
CCTG-0047
Native HPA
HHA(EY Lab)
RCA(Vector)
GNA (EY Lab)
human Galectin-1
VAT-1
mouse VEA1
Mouse Galectin-1
DC-ASGPR sport
WGA(Sigma)
Epa1-Np WT
ME7(detected with a-Tub)
WT
SBA
rNV VLP-C-C8
BTL native
SNA
ME5(detected with a-Tub)
CAL1
MAA(Seikagaku)
AOL (Marbal Lab)
AAL

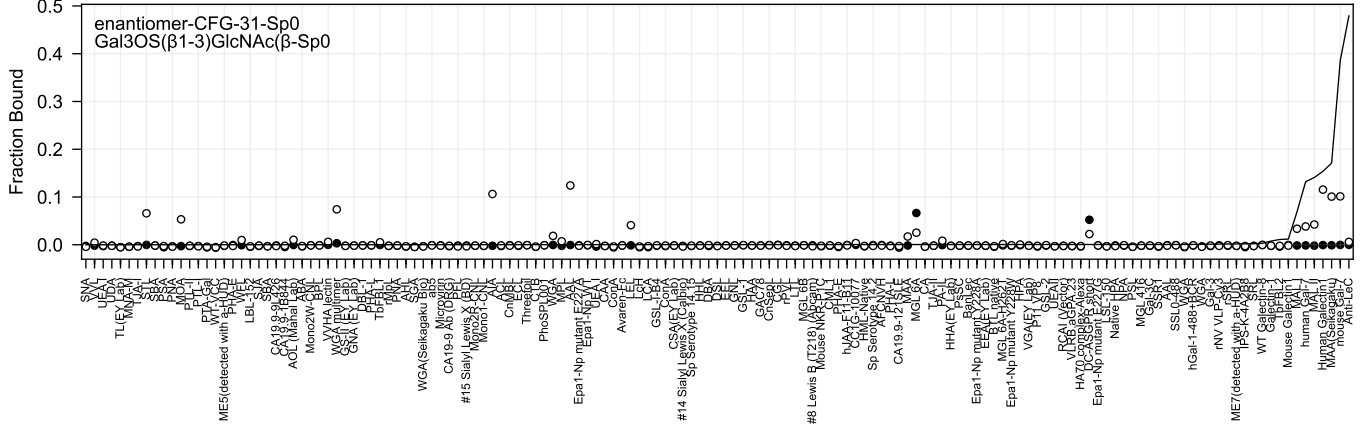

enantiomer-CFG-26-Sp8
Gal3OS(β1-4)Glc(β-Sp8
Fraction Bound
0.0
0.1
0.2
MGL 6A-H2867
CGL
CGL
VVHA
HPV
HA70 complex-Asp8
CA19.9-12
SSL
SSL
SSL
PSA
PTL-I
PTL-I
PHA-E
PHA-E
UDA
UDA
GSL-II (EY Lab)
GSL-II (EY Lab)
HHA(EY Lab)
Epa1-Np mutant E227G
PhoSL(NPL)
Sp Serotype 4 F18
#15 Sialyl Lewis X (BD)
#8 Lewis B (12 Rac-Biotin)
AFRV
MNA
MNA
SNA
SNA
PNA
NPA
hJAA-F11
BTA
EEL
Mono1-CNK
PFE
ECL
ECL
UEA
UEA
Mono2R-CNK
LCA
LCA
hGal-1-488
BSL
BSL
Dicerbol
Mouse NKR-P1
MPL
UEAII
ABC
Sp Serotype 14 F2
WFL
WFL
MGL-CBB
CA19.9 Ab (BD)
CA19-9 Ab (BD)
GSL-I
GSL-I
CVN
CVN
PTL-II
PTL-II
IPS-K-(A2B)
OAA
OAA
PNA
PAS
PAS
#14 Sialyl Lewis X (BD)
Epa1-Np mutant E227A
Epa1-Np mutant Y228A
Epa1-Np mutant Y228A
WGA
AvaSL-F2
CAA
CAA
GSL-I-B4
CA19.9-DBM
DBL-1
DBL-1
VSL
P11
VSL
CSA
CSA
Bauhinia
Bauhinia
TJA-II
TJA-II
APA
APA
Epa1-Np
WT
WT
hCH
hCH
TL (EY Lab)
VLRB (Sp 32)
Microvirin
nNV VLP
CEL
CEL
SSA(1)
WGA multivalent
WT
WT
GSA(EY Lab)
GSA(EY Lab)
EEA(EY Lab)
EEA(EY Lab)
WGA(Seikagaku)
SBL
RCA I(Vector)
TDFB
TDFB
CC1G-CNK
Mono2W-CNK
Mono2W-CNK
Native HPA
Native HPA
VGA(EY Lab)
VGA(EY Lab)
ABA
ABA
DC-ASGPR-Fc
TB
TB
Mouse Galectin1
Mouse Galectin1
GNA (EY Lab)
WGA
WGA
ME5(detected with a-HUD)
AOL (Wild a-HUD)
AOL (Wild a-HUD)
ConA
ConA
BTL (Vector)
BTL (Vector)
SSL (Vector)
SSL (Vector)
MGL 6A
MGL 6A
Galectin-8
WGA
WGA
WT Galectin1(HUD)
ME7(detected with Galectin1(HUD)
Human Galectin1
Human Galectin1
Anti-CD3
SNA
SNA
hAL-1
hAL-1
MAA
MAA
mouse Gal-7
mouse Gal-7
MAA(Seikagaku)

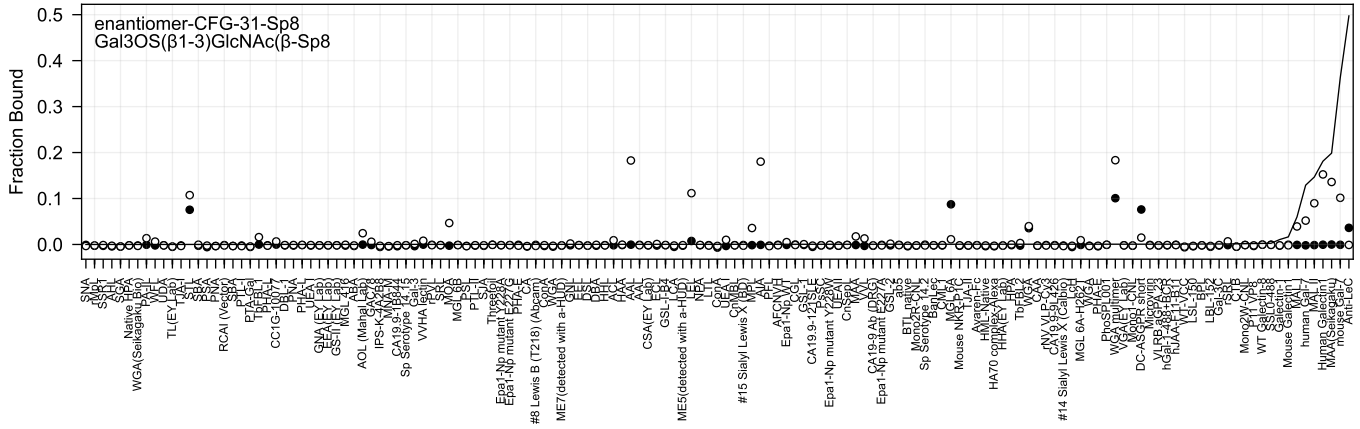

enantiomer-CFG-27-Sp0
Gal3OS(β1-4)Glc6OS(β-Sp0
Fraction Bound
0.0
0.1
0.2
0.3
hJAA-F11-B11
EEA
NPA
AFG
AAL
WFA-ACE
PSL
PTA-Gal
ASA
MPL-LL
RCA(Vector)
UEA-I
SBA
PNA
PHA-L
Galectin-1
Galectin-3
HA70 complex-Alexa
CA19.9-Alexa
MGSA
CC1G-Tro07A
mOxi
WGA(Seikagaku)
WFL
Lin(EY Lab)
Lin(EY Lab)
HHA(EY Lab)
#8 Lewis B (T218) (Abcam)
#14 Sialyl Lewis X (Calbiochem)
CTB
Epa1-Np mutant Y228A
GSL-I-B4
PSA
PsaC
SFL
PhoSP-LD01
GSL-I-A4
CNA
CnMBL
GSL-I-B4
Epa1-Np mutant Y228A
BSL
CEL
IPS-K-4A288
Epa1-Np mutant F227A
HML(Galnac)
VLRB-Tropo
VLRB-Chol
Bandeiraea
CnSepe
Epa1-Np mutant E227G
Avarelle-Fc
GNA(Chol)
MGL-619
P11-V88
Epa1-Np mutant
Sp Serotype 14-F3
MGL 6A-H261
SpA
AHL
WGA mutant
CA19.9-Alexa
CA19.9-LB844
Moss(NEY Lab)
#15 Sialyl Lewis X (BD)
EEA(Galnac)
Galectin-7
CnMBL
CA19.9 Ab (BD)
PTL-II
Sp Serotype 19-F3
Native HPA
PSA
rNV VLP-JC-1
JCA
GNA (EY Lab)
MAA
Mono2R-CNA
WGA
LSL-55D
UDA
PTA-1
AOL (Matreya Lab)
GSL-I-B4
LBL-B2
hGal-1-488-BS3
VGA
VGA(EY Lab)
ACG
ME5(detected with hFBP-2)
VRA
Mono2W-CNA
CnA
BTL native
Moss(Seikagaku)
ME7(detected with hFBP-2)
SSL-Dell-B8
DC-ASGPR short
Galectin-1
WT Galectin-8
MAA
Human Galectin-1
human Galectin-3
MAL-I
mouse Galectin-1
MAA(Seikagaku)

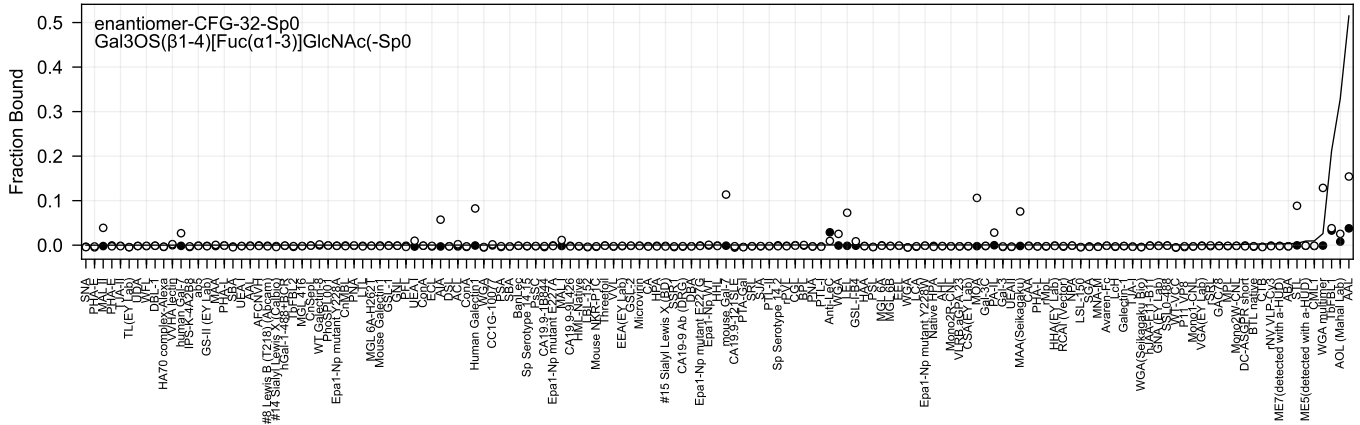

enantiomer-CFG-27-Sp8
Gal3OS(β1-4)Glc6OS(β-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
0.4
MGL 6A-H2627
DBA
DBA
AOL (Mabat
GST-PB2
Mlcm
CA19.9-TB442
Gal-1
Bam
VVH
Ran
WGA multimer
HA70 complex
PHA-E
PHA-L
WGA(Seikagaku)
Pla
Pla-a
PTL-I
PTL-II
PVL
TJA-I
SBA
RCA-I
GSL-I
CNBH
CoPA
ECL
MPL
PhoSPC
NPL
GLL-8
GLL-18
MGL-1
GNL
#8 Lewis B (T215)(Abcam)
#14 Sialyl Lewis X (Abcam)
AFO
AAL
BPL
MDA
HML-Nanba
Epa
Epa1-Np mutant E2
Epa
SJA
HHA(EY Lab)
VLRB.aGPA.23
VLRB.aGPA.24
TAA-HT-811
hTAA-HT-811
CA19.9-1-FSLE
Epa1-Np mutant FTSLE
SSL
Epa1-Np mutant
CA19.9-Ab (DRG)
Epa1-Np mutant
SP Serotype 12.13
Sp Serotype
ALL
NPA
Epa1-Np mutant Y229A
rNV VLP
CCH
HPA
CA19.9-Ab (Wako)
MGL-126
Wheat
PSA
PSSC
ACE
MGL-2
PSA
MOA
#15 Sialyl Lewis X (BD)
IPS-K-A0288
Threpol
CC1G-(1004)
GNA (EY Lab)
GSL-I
SJA
SJA
Mouse NKR-P1C
Galectin-1
LEL
LEA
LEC
LEE
LEB
TPA-LE
TPA-LE
SSA-I
SSA-II
EEA(EY Lab)
GSL-II (EY Lab)
GSL-IV (EY Lab)
Monol-SSL
EEL
VGA(EY Lab)
hGal-1-488-BCR
Mono2R-CNL
BTL mutant
PoSSL
PoSSL
RCA(Vector)
Mono2R-CNL
ABL-Lec
ABL-Lec
Native-LPA
REL
VVL
DC-ASGPR s/ion
TAA
PAA
Avarep-Fc
ME5(detected with a-HUD)
WT Galectin-3
WT Galectin-3
ME7(detected with a-HUD)
Human Galectin1
human GalA
GalA
MAL-I
mouse Gal-7
MAA(Seikagaku)

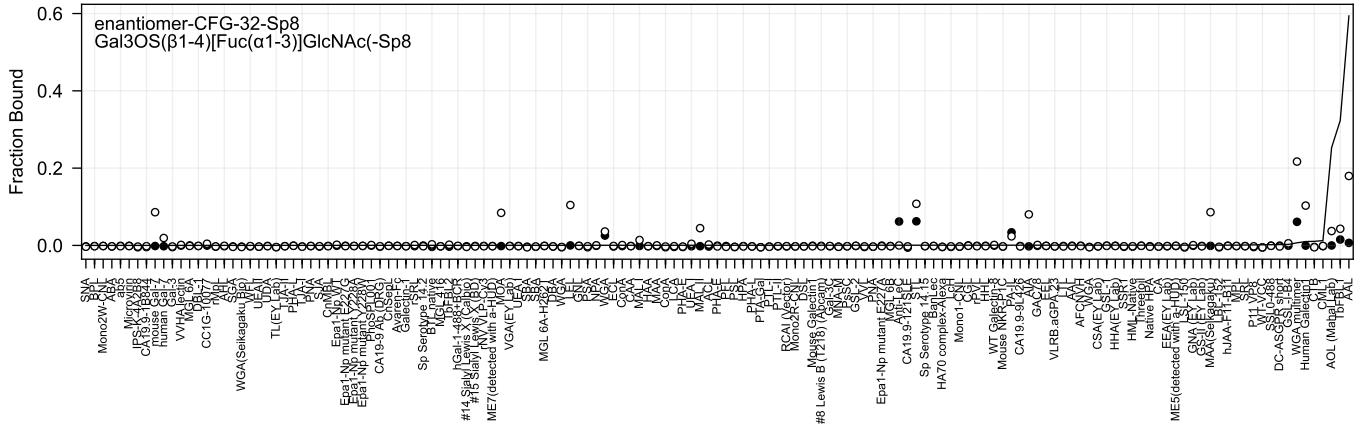

enantiomer-CFG-29-Sp8
Gal3OS(β1-3)[Fuc(α1-4)]GlcNAc(β-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
SIA
XBA
ABA
IPS-K-A
ABR
human Gal-7
Galectin-3
HA70 complex
CBA-1
Mono2MCBP
SGA
UEA1
TL(EY Lab)
SNA
PTL-I
WGA(Seikagaku)
BPL
GSA(EY Lab)
CEA(EY Lab)
SBA
Phos
Galectin-1
Sp Serotype 2
hGal-1-488-BCR
#14 Sialyl(Lewis x)(BD)
#15 Sialyl(Lewis a)(BD)
HMA
ME-BNV14
ME5(detected with a-IgM)
WFA
MOA
MNA-N
SBA
PNA
PV Lab)
GNA (EY Lab)
PHA-E
JAC
MAA(Seikagaku)
ASA-I
P11
Vicia
Mono2R-CBP
Mono1-CBP
CNA
DBA
HPA
LCA
Galectin-8
Mouse Galectin1
Human Galectin1
PHA-L
PTL-II
MAA
UEA1
LEL
ECL
CA19-9 Ab (CRG)
MGSBA
PSA
Native
HPA
CAA
MGL
mouse Gal-7
CCTG-1001
Microvil
AAL
CA19.9-HRP
Sp Serotype 1
SSL
Epa1-Np mutant E229A
MGL 6A-HRP
MPL
CA19.9 Ab
CSA(EY Lab)
PsSG
Gal-3
WFL
Con A
VLRB.aGP-23
VGA(EY Lab)
Mouse NKR-P1
NPA
rNV VLR-A1
GAL8
GNA
WGA
#8 Lewis B (T218)(Abcam)
Epa1-Np mutant E229A
PNA
Panulec
CA19.9
Epa1-Np mutant Y229A
PCA
ME7(detected with IgM)
VVHA
VGA
TBEL-2
Epa1-Np WT
Epa1-Np mutant Y229A
DC-ASGPR
SVG
LBL
FSL
SLD-488
AvarelectinHE
WGA multimer
ARP
UEA-1
CTB
COL-1
TBL
AOL (Mahal Lab)
AAL

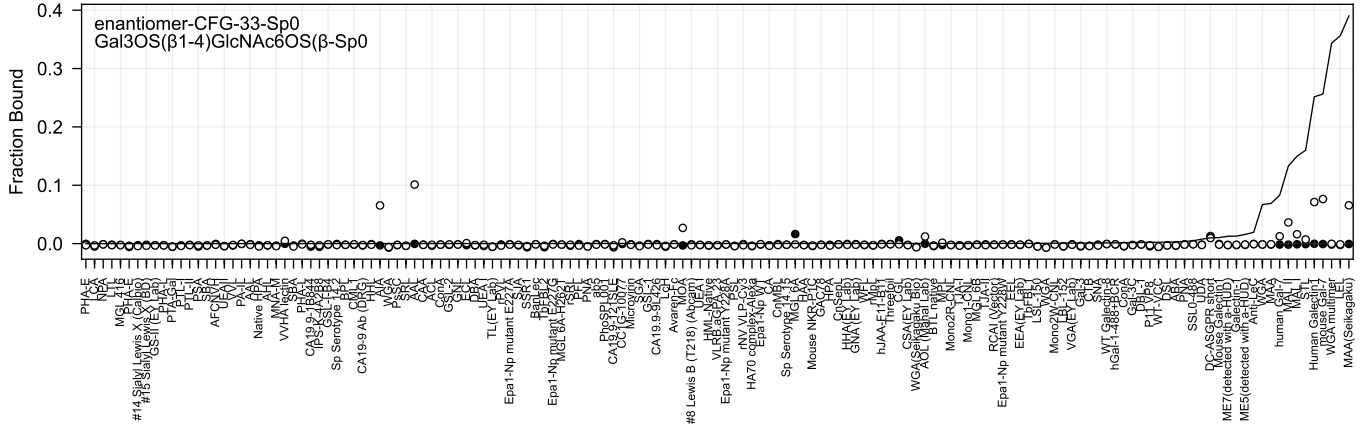

enantiomer-CFG-30-Sp8
Gal3OS(β1-3)GalNAc(α-Sp8
Fraction Bound
0.0
0.2
0.4
0.6
MGL 6A-H2627
SBA
SBA
PNA
PNA
PUL
PUL
SBA
SBA
MOA
PHA-E
PHA-E
rNV VP1
AFCNV1
Gal-3
WGA
WGA
PNA
PNA
HHA(EY Lab)
CA19.9-1B44
HA70 complex
MOA
MOA
PHA-E
PHA-E
IPS-4A238
MOA
AIL
WGA(Seikagaku Lab)
PA-IL
PA-IL
GS-II (EY Lab)
Mpl
Mpl
hGal-1-488+BCB
GSL-I-B4
GSL-I-B4
PhoSL-001
Epa1-Np mutant Y229A
AAL
AAL
Galectin-1
PFL
Mouse Galectin-1
CA
GSL-I
GSL-I
VGA
VGA
Epa1-Np WT
BTL
UEA-I
UEA-I
Sp Serotype_1
EC
Sp Serotype_4
CnMBL
DSL
DSL
BP
BP
GSL-I-A4
PSA
SSX
EEL
Thy1(WT)
Thy1(KAN)
Epa1-Np mutant Y229A
Sp serotype_22A
CorA
Con
VVHA (LCN)
Mono-LCN
Epa1-Np mutant E229A
CA19.9
MGL 6A-H2627
CA19.9 A6 (Pr-Sp)
CA19.9 A6 (Pr-Sp)
CA19.9 B1-A6
PHA-E
CSA(EY Lab)
WFL
WFL
UEA-I
UEA-I
#8 Lewis B (T218) (Abbatu
CA19.9
Gal-3C
#14 Sialyl Lewis X (Calbio)
VVL
VVL
VLRB.aGP
Epa1-Np mutant E229G
Epa1-Np mutant E229S
#15 Sialyl Lewis A (Calbio)
RCA(Vector)
CC1G-1-0072
CC1G-1-0072
Mouse NK-1 Ab
Bap1-ec
AOL (Mahal Lab)
Avarol
PHA-L
PHA-L
PHA-L
PHA-L
Monomer-Gal
Monomer-VCC
PHA-E
PHA-E
EEA(EY Lab)
DAA-F11-B11
WGA(Dimer)
DC-ASGPR sPDR
NPA
NPA
ME5(detected with sH-LD)
PHA-E
PHA-E
LBL
HPA
HPA
WT Galectin-3
AIA
AIA
Native HPA
Arthrobacter
SSL-I-488
SSL-I-488
VGA(EY Lab)
GNA (EY Lab)
Human Galectin-1
PHL
PHL
MAL
MAL
Human Gal-7
Human Gal-7
MAL (Vector)
ME7(detected with a-HD)
Sal
Sal
TL(EY Lab)
GSL-I
GSL-I
Tbp
mouse Gal-7
SSA
SSA
MAL II
MAL II
Acr
Acr
MPL

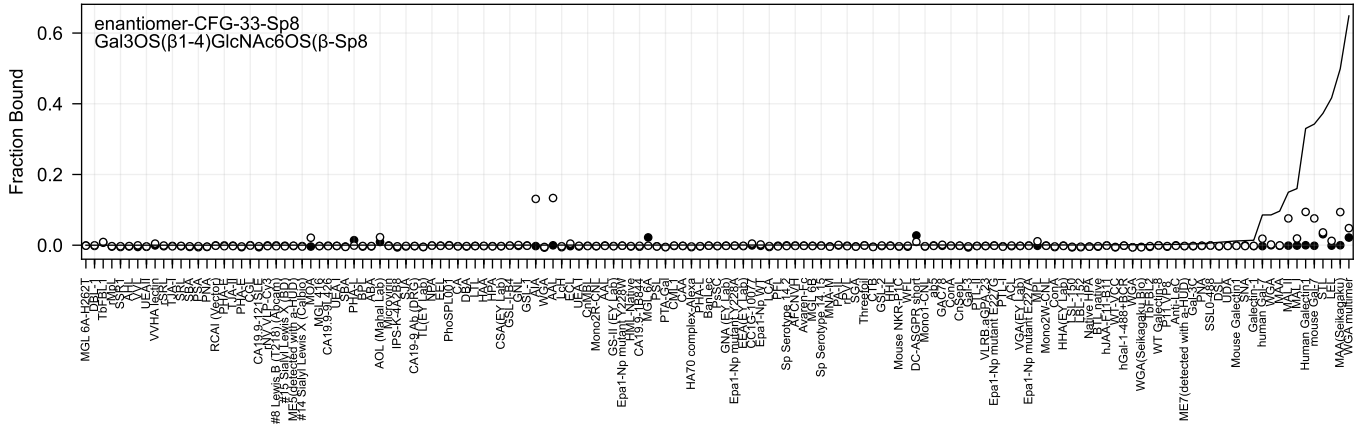

enantiomer-CFG-31-Sp0
Gal3OS(β1-3)GlcNAc(β-Sp0
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
SVA
UEA1
UDA
TL(EY Lab)
MNA(M
STL
SBA
PNA
ACA
PTL-I
PTA-Gal
WFA(GC
PHA-E
PHA-L
LBL
VFA
SJA
CA19.9-a
CA19.9-b
AOL(Mahal
ABA
Mono2W
BPL
VVHA
Jacalin
WGA (BV Lab)
GNA (EY Lab)
PSA
PTL-II
TJA-I
PNA
SNA
WGA(Seikagaku
BJA
Microvill
CA19-9 A0 (DBS)
#15 Sialyl Lewis A (BD)
Mono1-CNL
AAL
CnMBL
Thregalin
CVN
PhoSPL
WGA
MAL
Epa1-Np mutant E227A
Epa1-Np
UEA1
CoA
Avarem
EEL
LEL
GSL I-B4
CoNA
CSA(EY Lab)
#14 Sialyl Lewis X (Calbio)
Sp Serotype 14,19
DBA
PSL
SNL
GSL I-A4
SJA1
GAC/79
CNL
SGL
HPL
#8 Lewis B (T218)
MGL-6B
Mouse NKR-P1C
PCAL-I
PCAL-II
hAAT-11B11
hAAT-11B7
CMH-Native
Sp Serotype 1,4,5
AOL
PTA-I
CA19.9-12 (SLE
MGL-6A
TJA-II
TAL
HHA(EY Lab)
PaSO
Epa1-Np mutant
Bovine
EEA(EY Lab)
Epa1-Np mutant Y228A
MGL-6A(Calbio)
VGA(EY Lab)
PNL
GSL-I
UEAII
RCA I (VEC)
VLRB.aGS-23
HA70-CASBS
DC-CASBS
Epa1-Np mutant E227G
Native HPA
MEA
MGL-4B
GSL-II
SSL-I
SSL-I-Alexa
WGA
hGal-1-488
WGA
rNV VLP-Gal-3
rNV VLP-Gal-8
ME7(detected with a-Lac
MGL-4A
SRL
WT Galectin-3
Mouse Galectin-1
TBPL-1
TBPL-2
human Lgal-1
human Lgal-7
human Galectin-1
MAA(Sialic
Sialic Gal4
mouse Gal-1
Anti-Lec
ME5(detected with
BPA
LCA
PHA-E
PHA-L
LBL
VFA
SJA
CA19.9-a
CA19.9-b
AOL(Mahal
ABA
Mono2W
BPL
VVHA
Jacalin
WGA (BV Lab)
GNA (EY Lab)
PSA
PTL-I
TJA-I
PNA
SNA
WGA(Seikagaku
BJA
Microvill
CA19-9 A0 (DBS)
#15 Sialyl Lewis A (BD)
Mono1-CNL
AAL
CnMBL
Thregalin
CVN
PhoSPL
WGA
MAL
Epa1-Np mutant E227A
Epa1-Np
UEA1
CoA
Avarem
EEL
LEL
GSL I-B4
CoNA
CSA(EY Lab)
#14 Sialyl Lewis X (Calbio)
Sp Serotype 14,19
DBA
PSL
SNL
GSL I-A4
SJA1
GAC/79
CNL
SGL
HPL
#8 Lewis B (T218)
MGL-6B
Mouse NKR-P1C
PCAL-I
PCAL-II
hAAT-11B11
hAAT-11B7
CMH-Native
Sp Serotype 1,4,5
AOL
PTA-I
CA19.9-12 (SLE
MGL-6A
TJA-II
TAL
HHA(EY Lab)
PaSO
Epa1-Np mutant
Bovine
EEA(EY Lab)
Epa1-Np mutant Y228A
MGL-6A(Calbio)
VGA(EY Lab)
PNL
GSL-I
UEAII
RCA I (VEC)
VLRB.aGS-23
HA70-CASBS
DC-CASBS
Epa1-Np mutant E227G
Native HPA
MEA
MGL-4B
GSL-II
SSL-I
SSL-I-Alexa
WGA
hGal-1-488
WGA
rNV VLP-Gal-3
rNV VLP-Gal-8
ME7(detected with a-Lac
MGL-4A
SRL
WT Galectin-3
Mouse Galectin-1
TBPL-1
TBPL-2
human Lgal-1
human Lgal-7
human Galectin-1
MAA(Sialic
Sialic Gal4
mouse Gal-1
Anti-Lec

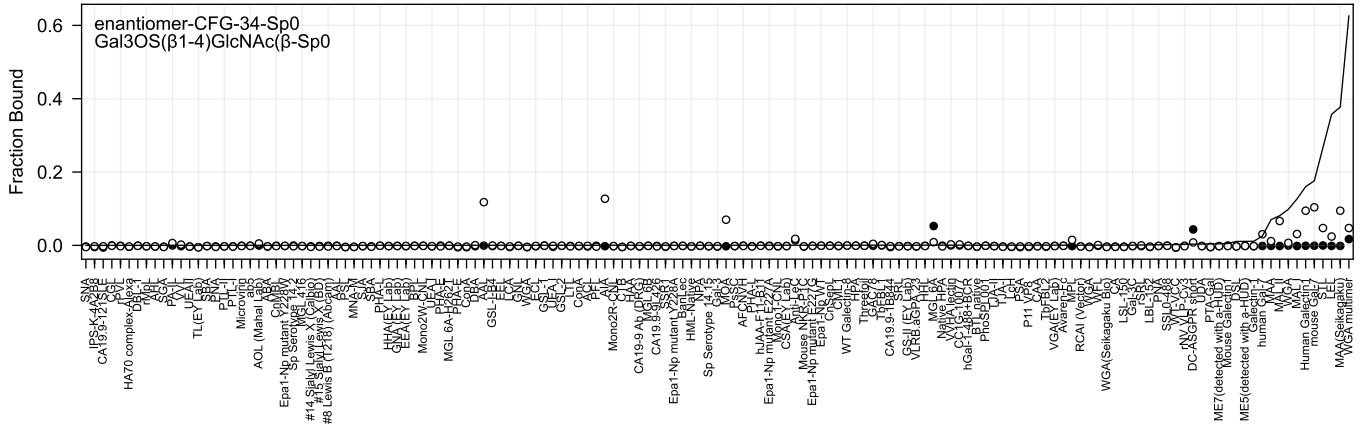

enantiomer-CFG-31-Sp8
Gal3OS(β1-3)GlcNAc(β-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
SNA
SNA
SSBT
SSA
SGA
Native PFA
WGA(Seikagaku)
PAL
UDA
TL(EY Lab)
STL
SBA
PNA
RCAI (Vector)
BPL
PTA
TJA-I
BPL-I
CC1G-10077
DBA
UEA-I
PHA-L
GNA (EY Lab)
GSL-II (EY Lab)
MGL 219
AOL (Mabgal)
GSL-I
IPS-KM2028
IPS-KM2029
CA19.9-1 B244
Sp Serotype Gal-3
VVHA (gift)
SRL
MGL 6B
PSL
PTL-I
SJA
Epa1-Np mutant Tyr99A
Epa1-Np mutant F227G
PFA
#8 Lewis B (T218) (Abcam)
WGA
GNL
EEL
DSA
ACL
PHA-E
AAA
AAL
CSA(EY Lab)
GSL-I B4
GSL-I B4
ME5(detected with a-HUD)
NEL
NPL
CPA
CPA
CPMB
ABA
#15 Sialyl Lewis X (Mab)
AIA
AIA
AFCNVH
Epa1-Np CNV
GSL-I
CA19.9-1 2SSLE
Epa1-Np mutant Y227A
CnSPL
WXA
WXA
CA19.9 Ab (ABG)
Epa1-Np mutant F227G
GSL-I
Abs
BTL
BTL (Lectinity)
Mono2H CNV
Sp Serotype Bau-Lec
CGM2
Mouse NKR-P1C
Avanorin
HML-Native
HA70 cp (EY Lab)
HPA(EY Lab)
TxLC-I
TxLC-II
WGA
CNV VLP-CA
CA19.9 Sialo126
#14 Sialyl Lewis X (Sialo126)
PCL
MGL 6A-H2024
PhaE
Phos-Tag
WGA (polymer)
VGA(EY Lab)
DC-ASGPR short
VLRB AlGPA001
hGal-1 481-Bio
hJAM-A
WT-VCC
LSL (gift)
LBL-1
GSL-I B4
CTB
Mono2W CNV
P11 YP8
WT Galectin-1
Mouse Galectin-1
human Vat-7
human Vat-7
Human Galectin1
MAA Sieboldiana
mouse Gal-4
Anti-LeC

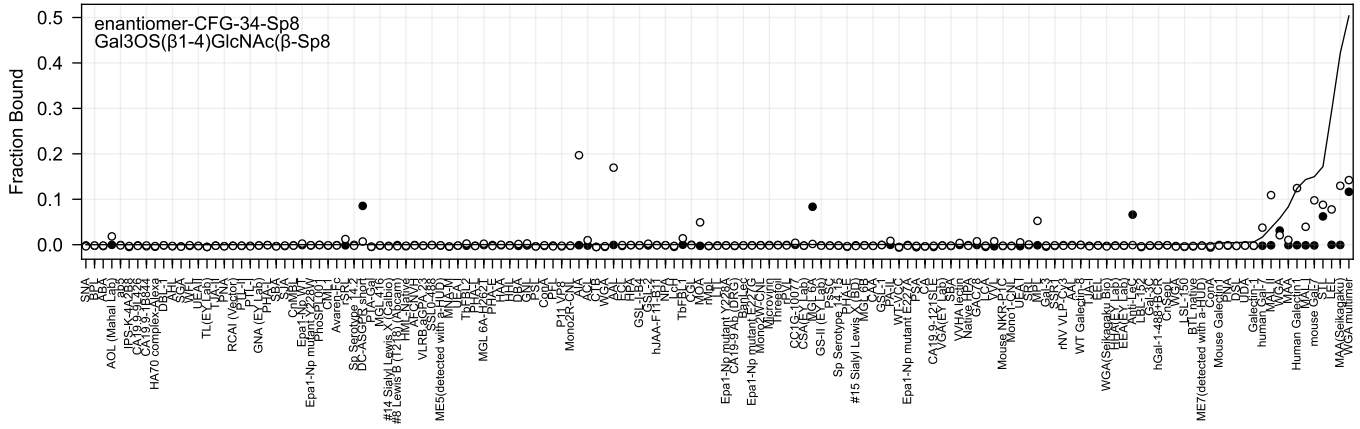

enantiomer-CFG-32-Sp0
Gal3OS(β1-4)[Fuc(α1-3)]GlcNAc(-Sp0
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
SNA
PNA
MAA II
MAA I
TL(EY Labs)
WFL
DSA
HA70 complex Alexa
IVHA Serotype
IPSR-4 A2E8
Lab
GS-II (EY Labs)
MAA
PHA-L
SBA
UEA I
ACONA
#8 Lewis B (T218)
#14 Sialyl Lewis X (Calbiochem)
hGal-1-488-FBS
MGL 2.16
WT Galectin-3
hGal-3-488-FBS
WT Galectin-1
Epa1-Np mutant C-488
PHA
MGL 9A-H2B21
Mouse Galectin-1
GNL
UEA I
CoPA
ZAA
ACL
ACA
Human Galectin-7
WGA
CC1G-1 Lab
SBA
Sp Serotype 14-15
Sp Serotype 14-15
CA19.9-FBS14
Epa1-Np mutant E377A
CA19.9-Alexa
CA19.9-Alexa
HMA-Native
Mouse NKR-P1C
Thrombomodulin
EEA(EY Labs)
Microvillin
HPA
#15 Sialyl Lewis X (BD)
CA19-9 Ab (DSHB)
DBA
Epa1-Np mutant E377A
Epa1-Np WT
mouse Galectin-7
CA19.9-1 FSLE
PNA
SBA
Sp Serotype 14-15
PSA
Sp Serotype 14-15
CoPA
BPL
PTL-I
PTL-II
Anti-VSK
EEA
GSL-I-B4
LEA
PSA
PSA
MGL 6B
WFL
VFA
Epa1-Np mutant Y226A
Native EBA
Mono2R-CHL
VLRB.aGP.25
CSA(EY Labs)
MOA
GNA
Gal-3
UEA I
MAA(Seikagaku Bio)
PNA
MAA I
HHA(EY Labs)
RCA(Vector Labs)
LSL-SCA
MNA-M
Avaren-CH
Galectin-1
WGA(Seikagaku Bio)
GNA(EY Labs)
SSL-188
PTL-I
P11 V28
VAA(Vector Labs)
SSL
GNA
WGP
Mouse-CHL
DC-SIGN-Fc-488
SNA
BTL native
ME7(detected with a-HUD)
INV VLP-CHL
SAA
ME5(detected with a-HUD)
WGA multimer
TJA-I (EY Labs)
AOL (Marbiol)
AAL

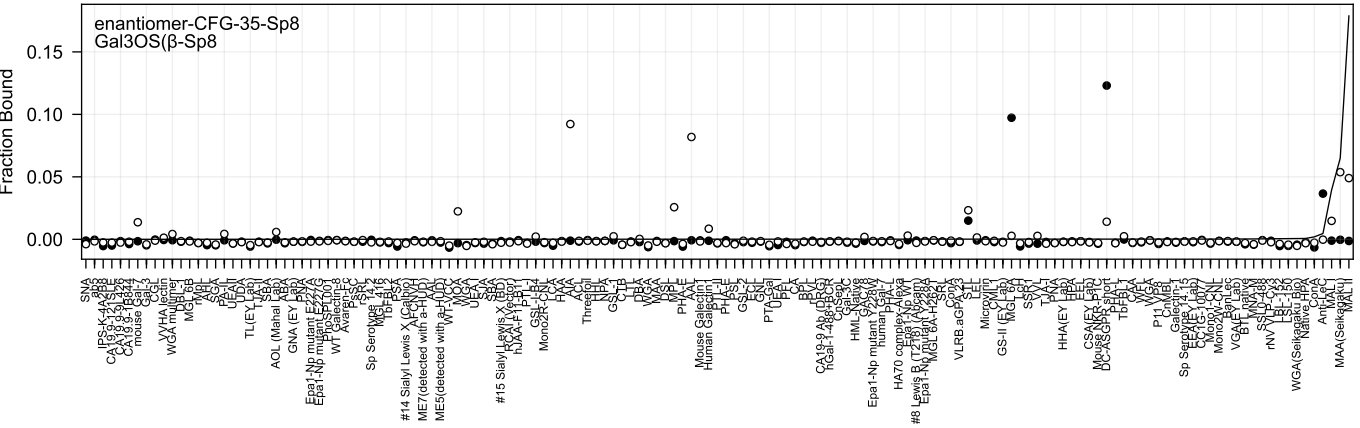

enantiomer-CFG-32-Sp8
Gal3OS(β1-4)[Fuc(α1-3)]GlcNAc(-Sp8
Fraction Bound
0.6
0.4
0.2
0.0
SNA
SIA
CNL
abs
Mono2W-CNL
Mycoxb
Mycoxb
LPS-Ec0111
CA19-9-IB044
human Gal-7
human Gal-3
VVHA
Gal-3
MGL 6A
CC1G-Pro-7
Pro-7
NNL
SGA
WGA(Seikagaku, bip)
UEA-I
TL(EY Lab)
PHA-E
PHA-L
LTA
PHA-P
Epa1 CnBP
Epa1-Np mutant, E227Q
Epa1-Np mutant, Y228A
Epa1-Np mutant, Y228F
ProSP-C101
CA19-9 Ac(Seikagaku)
Avarem-Fc
Galectin-1
SFL
Sp Serotype 2
MGL 4A
MGL 4A18
#14 Sialyl Lewis X (Calbiochem)
#15 Sialyl Lewis X (Calbiochem)
ME7(detected with a-HDX)
VGA(EY Lab)
SBA
SBA
MGL 6A-HRP
DBA
VFA
GNL
NPA
NPA
VFA
CoPA
CoPA
MAL-I
MAA
MAA
CoPA
PhA-E
PhA-E
MEL-I
ACL
PHA-E
PSL
PSL
PhA-L
PhA-L
PTA(Gal)
PTL-I
PTL-I
RCA(Galactose)
Mono2W-CNL
DSL
#8 Lewis B (1218) (Alcam)
Mouse Galectin-1
Mouse-Lyn
MGL 6A
GSL-I
SVA
SVA
PNA
Epa1-Np mutant, MGC 68
MGC 68
CA19.9-Ac(Seikagaku)
Ac-PSL
S11
Sp Serotype 1
Bam.lec
HA70 complex-Alexa
Mono1-CNL
CNL
CNL
PHL
PHL
WT Galectin-7
Mouse NRP/B-PC
CA19.9-Ac
CA19.9-Ac
AVA
GNA
GEL
VLRB.aGP-123
AAL
AAL
AFO
AFO
CSA(EY Lab)
HHA(EY Lab)
HIL-Nsm1
Threitolyl
Native HCA
FEA
FEA(EY Lab)
ME5(detected with SL-100)
SL-100
GSA (EY Lab)
MAA(Seikagaku)
hAAA-Fc-B31
MEL
MEL
P11
VSL
SSL-1-Ab6
DC-ASGPR s1001
CRP s1001
WGA-multimer
Human Galectin-1
CNL
CNL
AOL (Marine Biol)
TF-Ely
AAL

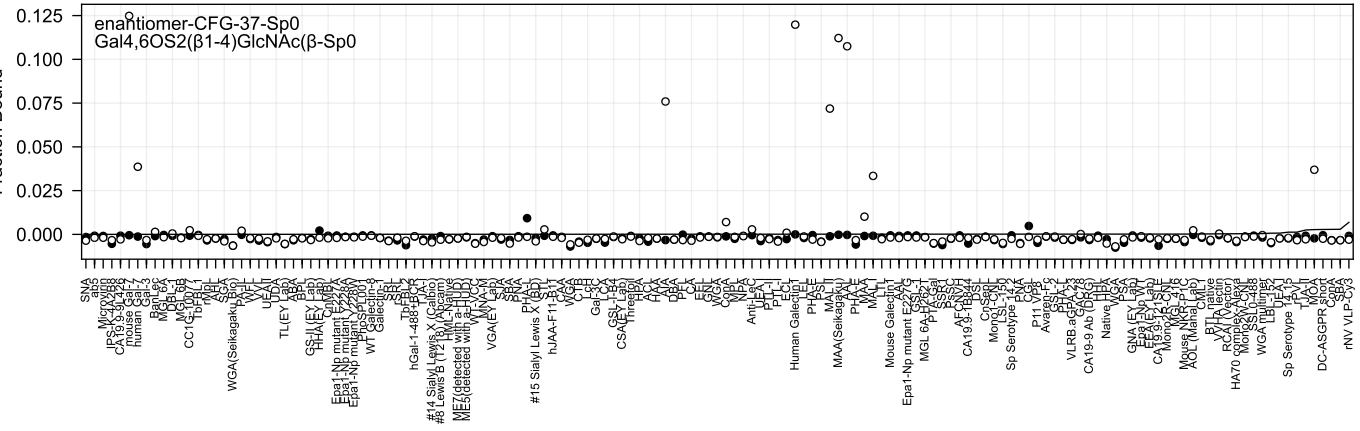

enantiomer-CFG-33-Sp0
Gal3OS(β1-4)GlcNAc6OS(β-Sp0
Fraction Bound
0.4
0.3
0.2
0.1
0.0
PHA-E
PHA-L
NPA
MGL-1 LE
#14 Sialyl Lewis X (CHO)
#15 Sialyl Lewis X (BD)
GS-II (EY Lab)
PTA
PTA-Gal
PTL-I
SBA
SBA-Gal
AFGN
DSL
EVL
PAL
Native PDA
MNA-M
MNA-N
VVHA
ISBP
PNA
CA19-9 (Abcam)
PSA
GSL-I B4
Sp Serotype 8
BFP
CA19-9 Ab (OMS)
HPA
WGA
PSSC
ACA
SAL
CAA
CanA
GNA
GNL
EBL
UEA-I
TL(EY Lab)
Epa1-Np mutant E227A
SSA
SSA-Gal
Epa1-Np mutant E227Q
MGL6A-F229L
PSL
PEL
Bra
Ricin
ABA
CA19-9 (R&D)
CCL2-10077
Microcin
CA19-9 Ab (Santa Cruz)
LGL
Avarol
#8 Lewis B (T218) (Abcam)
HML-Native
VVA-B4
Epa1-Np mutant E227A
BSL
HA70 complex-Alexa
Epa1-Np WT
CaMel
Sp Serotype 14
NKA
BAA
Mouse NKR
GSA-78
SnA
CGL
HHA(EY Lab)
GNA(EY Lab)
WFL
hJAA-F1
Thrombin
CGA
CSA(EY Lab)
WGA(Seikagaku)
AOL (Bioline)
MPL
Monoc2R
LJA-I
MonoC-B8
LJA-II
RCAI (Y2539)
Epa1-Np mutant (Y2539)
EBL
EEA(EY Lab)
TxFB1
LSL
WGA
Monoc2R-Gal
VGA(EY Lab)
CaNA
SNA
WT Galectin-8
hGal-1-488-BCR
Galectin-9
DBL-1
PVL
WT-Vcc
DSL
PNA
SSLL-B3
DC-ASGPR short
ME7(detected with Galectin-1)
ME5(detected with Galectin-1)
Anti-Lec
WGA
human Gal-7
MGL-I
Human Galectin-1
mouse Gal-7
WGA multimer
MAA(Seikagaku)

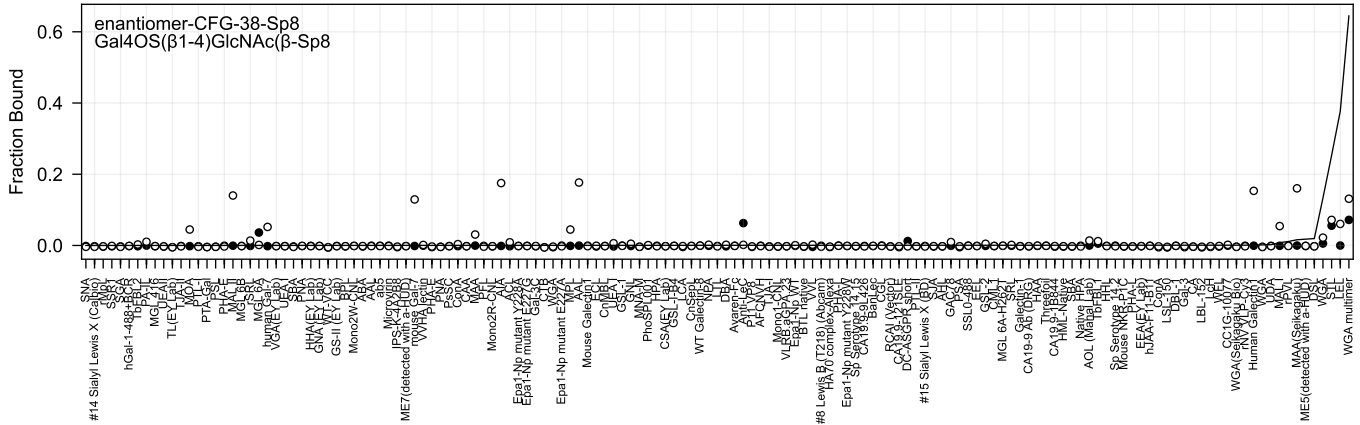

enantiomer-CFG-33-Sp8
Gal3OS(β1-4)GlcNAc6OS(β-Sp8
Fraction Bound
0.0
0.2
0.4
0.6
MGL 6A-H262-1
TcBPL-1
SSA01
OVI
UEA-II
VVHA (Vaccop
PHA-L
PHA-E
CA19-9-125-SLE
#8 Lewis B (T218) (Apo
ME7(Sialyl Lewis X (BD)
#14 Sialyl Lewis X (Calbio)
RCA I (Vector
PNA
SBA
BPL
ABA
CA19-9-Ab (PRG)
TL(EY NBA)
EEL
PhoSPLD
DSA
HAA
CSA(EY Lab)
GSL-I-B4
GSL-I-A4
WGA
AAL
ECL
UDA
Mono2R-ONL
GS-II (EY Lab)
Epa1-Np mutant X-226W
CA19-9-TB244
MGP-BSA
PTA-Gal
OAA
HA70 complex-Alexa
PTL-I
Bandeiraea
GNA (EY Lab)
Epa1-Np mutant X-226A
Epa1-Np mutant X-226F
ECL(E-1000)
Epa1-Np WT
PPL
Sp Serotype-NP-N-2
Avidin-FE
Sp Serotype-14-18
MAA-N
PEV
Threonin
NBA
GS-IB
Mouse NKR-WT
DC-ASGPR short
Mono1Ab
GAC-8
CnSerp
BAP-1
VLRB.aq
Epa1-Np mutant E-271-1
Epa1-Np mutant E-272-A
VGA(EY Lab)
Epa1-Np mutant E-272-A
Mono2W-ONL
HHA(EY Lab)
TSL-1B8
Nature-HPA
BT-naive
hJAX-WT-TCS
hGal-1-488-HCS
WGA(Seikagaku-Bio)
WT Galectin-3
ME7(detected with a-HUD)
Galectin-1
SSLO-488
UDA
Mouse Galectin-1
Galectin-1
human Galectin-1
MAA
MALI
Human Galectin-1
mouse Galectin-1
SJL
MAA(Seikagaku)
WGA multimer

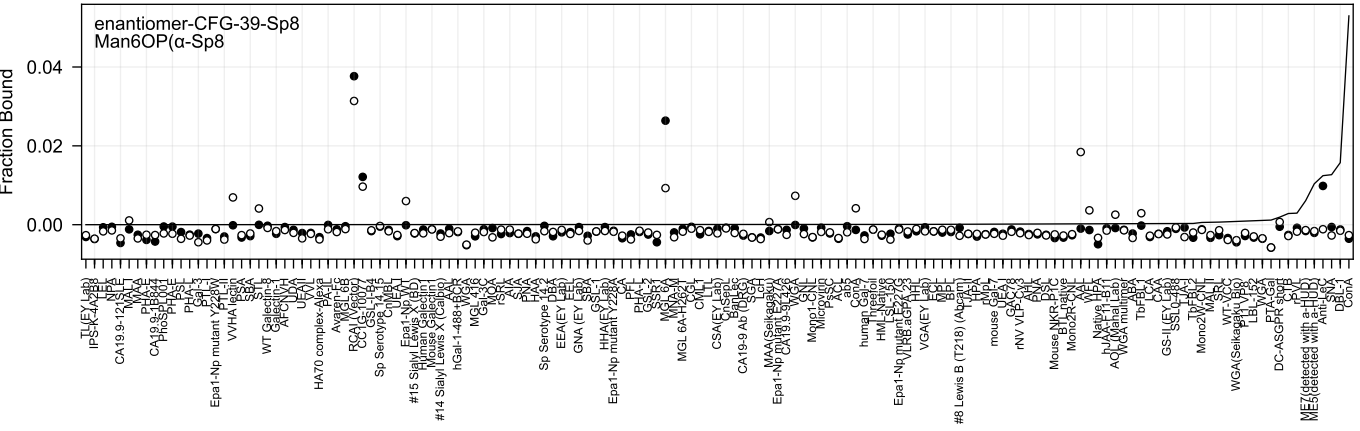

enantiomer-CFG-34-Sp0
Gal3OS(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.0
0.2
0.4
0.6
SIA
SIA
IPS-K-42
CA19.9-12
TSLE
PV
HA70 complex
DAF
TM
SIA
PA
PA
UEA
TL(EY
SBA
PNA
PTL
PTL-1
Microvilin
AOL (Mahal
CD
MBL
Epa1-Np mutant
Sp serotype
WGL 416
#14 Sialyl Lewis X
#8 Lewis B
BS
BS
MHA
SBA
SBA
PNA
HHA(EY
GNA(EY
EEA(EY
Mono2W
PTA
PTA-2
MGL 6A
BPA-2
CORA
ABA
AAL
GSL-I
LCA
LCA
WGA
GNA
GSL-I
CTA-1
GSL-I
CORA
PHA
PHA
Mono2R
CTB
CTB
CA19-9 Ab
CA19.9
Epa1-Np mutant
Epa1-Np
HML-Native
Sp Serotype 14
Sp Serotype 14
VAA
AFA
FSSC
PNA-1
hJAA-1
Epa1-Np mutant
Mono1
CSA-1
CSA-1
Mouse NK
Epa1-Np mutant
Epa1-Np
Crithidia
WT Galectin-3
Trypsin
GSL-I
CA19.9-TB
GSL-I
GSL-II (EY
VCR8 sCP
MGL
PA
Native HPA
CC1G-10072
hGal-1-B38-H
PhoSD
UJA
UJA
PSA
PSA
P11
VGA
VGA
IDPA-2
VGA(EY
Alzas
RCAI (Vector
WFL
WGA(Seikagaku
BPA
LSL-150
LBL
LBL
PSL
SSLL-488
NVJ-1
DC-ASGPR
PTA(Gal)
Mouse Galectin
ME7(detected with
ME5(detected with
Galectin-1
human Galectin-1
GAA
MAL
MAL
MAL
Human Galectin-1
mouse Galectin-1
STL
STL
MAA(Seikagaku)
WGA multimer

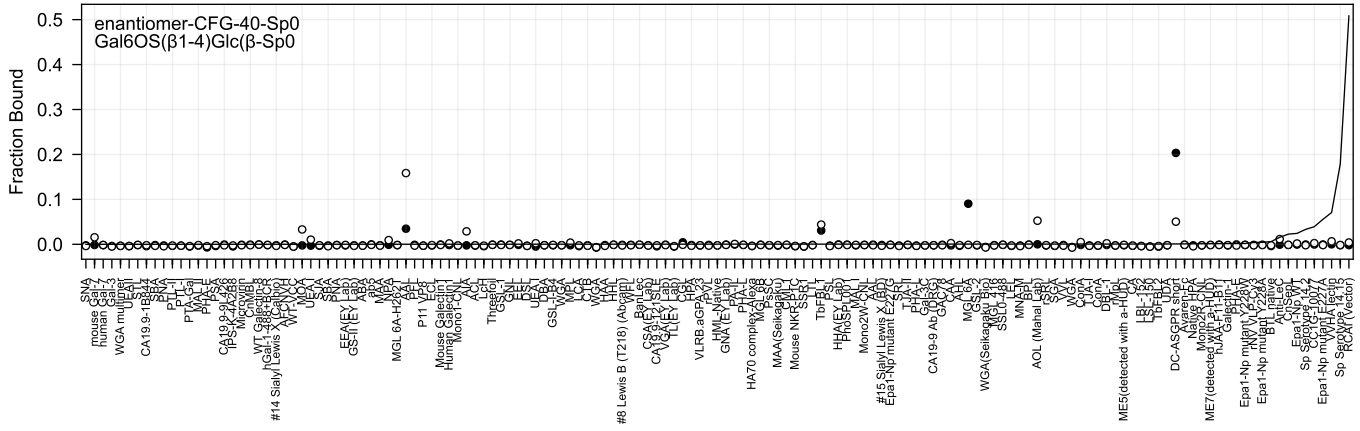

enantiomer-CFG-34-Sp8
Gal3OS(β1-4)GlcNAc(β-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
SNA
SNA
LEA
LEA
AOL (Mahal
AOL
ABA
ABA
PNA-4A298
CA19.9-1B244
CA19.9-1B244
HA70 complex
PNA-4
ACL
ACL
WFL
WFL
TL(EY Lab)
TL(EY Lab)
PALI
PALI
RCAI (Vector
RCAI
PTL-I
PTL-I
GNA (EY Lab)
GNA
PA-IL
PA-IL
SBA
SBA
Con A
Con A
Epa1-Np mutant Y
Epa1-Np mutant Y
Jacalin
Jacalin
PNA-S2301
PNA-S2301
CML-1
CML-1
Avarol
Avarol
Sp Serotype 1
Sp Serotype 1
DC-ASGPR
DC-ASGPR
PTA-Sal
PTA-Sal
#14 Sialyl Lewis X
#14 Sialyl Lewis X
#8 Lewis B (12 [a]
#8 Lewis B (12 [a]
PTA-Gal
PTA-Gal
AEA
AEA
VLRB.GP.488
VLRB.GP.488
ME5(detected with 8-HUD)
ME5(detected with 8-HUD)
MEA
MEA
TKA-1
TKA-1
TBEL-2
TBEL-2
MGL 6A-B2G1
MGL 6A-B2G1
PHA-E
PHA-E
FBP
FBP
FBK
FBK
GNA
GNA
CGL
CGL
CGL
CGL
PPL
PPL
P11
P11
Monoc2R-CNL
Monoc2R-CNL
AAA
AAA
CTB
CTB
WGA
WGA
EPL
EPL
EPA
EPA
GSL-IB4
GSL-IB4
hJAA-F
hJAA-F
NPA
NPA
TbFBP-1
TbFBP-1
CGL
CGL
MGL
MGL
Epa1-Np mutant Y234A
Epa1-Np mutant Y234A
CA 19.9 Ab (ORG)
CA 19.9 Ab (ORG)
Epa1-Np mutant Epa1-Np
Epa1-Np mutant Epa1-Np
Monoc2WCNL
Monoc2WCNL
Thrombomodulin
Thrombomodulin
CSA(EY Lab)
CSA(EY Lab)
CC1G-10-17
CC1G-10-17
GS-II (EY Lab)
GS-II (EY Lab)
Sp Serotype 1
Sp Serotype 1
#15 Sialyl Lewis X
#15 Sialyl Lewis X
PNA-E
PNA-E
KC(DB)
KC(DB)
CA-A
CA-A
GNA
GNA
PA-IL
PA-IL
WFL
WFL
Epa1-Np mutant Epa1-Np
Epa1-Np mutant Epa1-Np
PSA
PSA
CA19.9-12
CA19.9-12
VGA(EY Lab)
VGA(EY Lab)
VVHA
VVHA
Nanoga
Nanoga
GNA
GNA
LCA
LCA
Mouse NKR-P1C
Mouse NKR-P1C
Monoc1CAL
Monoc1CAL
SBL
SBL
Galectin-3
Galectin-3
SSA1
SSA1
rNV VLP
rNV VLP
AAL
AAL
WT Galectin-3
WT Galectin-3
UEA-I
UEA-I
EEL
EEL
WGA(Seikagaku Lab)
WGA(Seikagaku Lab)
EEA(EY Lab)
EEA(EY Lab)
LBL-152
LBL-152
hGal-1-498
hGal-1-498
CNX
CNX
PSL-156
PSL-156
ME7(detected with 8-HUD)
ME7(detected with 8-HUD)
PTL-I
PTL-I
Con A
Con A
Mouse Galectin-1
Mouse Galectin-1
BNA
BNA
UDL
UDL
SSL
SSL
Galectin-1
Galectin-1
human Galectin-1
human Galectin-1
WGA
WGA
Human Galectin-1
Human Galectin-1
mouse Galectin-1
mouse Galectin-1
SJL
SJL
MAA(Seikagaku
MAA(Seikagaku
WGA multimer
WGA multimer

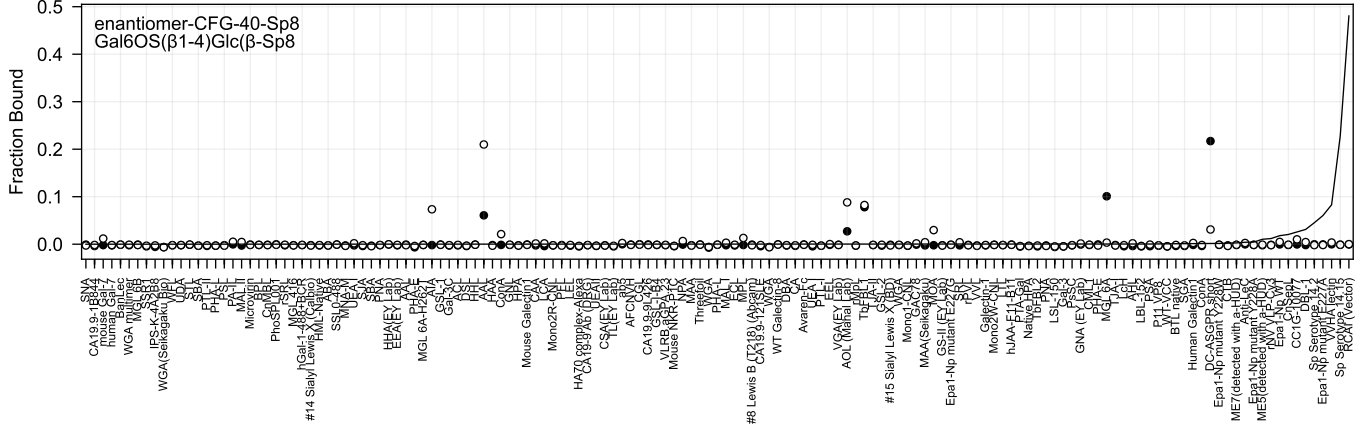

enantiomer-CFG-35-Sp8
Gal3OS(β-Sp8
Fraction Bound
0.15
0.10
0.05
0.00
SNA
SNA
ABA
ABA
TPS-1-4A-PAA
TPS-1-4A-PAA
CA19-9-Lac
CA19-9-Lac
CA19-9-PAA
CA19-9-PAA
mouse Gal-3
mouse Gal-3
Gal-3
Gal-3
VVHA lectin
WGA multimer
MGL-6b
MGL-6b
ABL
ABL
SCA
SCA
PNA
PNA
UEA-I
UEA-I
UDA
UDA
TL(EY Lab)
TL(EY Lab)
MAL-I
MAL-I
AOL (Mahal Lab)
AOL (Mahal Lab)
ABA
ABA
GNA (EY Lab)
GNA (EY Lab)
PNA
PNA
Epa1-Np mutant E227A
Epa1-Np mutant E227A
Epa1-Np mutant E227A
Epa1-Np mutant E227A
PhoSH-Top1
PhoSH-Top1
WT Epa1-Np
WT Epa1-Np
Avarol-Fc
Avarol-Fc
PSA
PSA
Sp Serotype 14.2
Sp Serotype 14.2
MGL-6b
MGL-6b
#14 Sialyl Lewis X (CSLEW)
#14 Sialyl Lewis X (CSLEW)
ME7(detected with a-HUD)
ME7(detected with a-HUD)
ME5(detected with a-HUD)
ME5(detected with a-HUD)
WT MOK
WT MOK
VIA
VIA
SLA
SLA
#15 Sialyl Lewis X (SLEX)
#15 Sialyl Lewis X (SLEX)
hCA1 (Lector)
hCA1 (Lector)
hCA1 (Lector)
hCA1 (Lector)
PFL-1
PFL-1
GSK-CBM
GSK-CBM
MonoSK-CBM
MonoSK-CBM
FOA
FOA
FAA
FAA
ACT
ACT
Thrombin
Thrombin
BTL
BTL
GSL-I-A4
GSL-I-A4
CTB
CTB
DBA
DBA
WGA
WGA
UDA
UDA
PHA-E
PHA-E
ACA
ACA
Mouse Galectin-7
Mouse Galectin-7
Human Galectin-7
Human Galectin-7
PHA-L
PHA-L
PSL-II
PSL-II
PSL-I
PSL-I
SJA
SJA
GNL
GNL
PTA
PTA
DSA
DSA
PCA
PCA
BPL
BPL
CA19-9 Ab (DRG)
CA19-9 Ab (DRG)
hGal-1-48mer-BCK
hGal-1-48mer-BCK
Gal-3C
Gal-3C
HML (Gal)
HML (Gal)
Epa1-Np mutant Y229A
Epa1-Np mutant Y229A
Epa1-Np mutant Y229A
Epa1-Np mutant Y229A
human PRP-1
human PRP-1
HA70 complex-Lectin
HA70 complex-Lectin
#8 Lewis B (T2/B) (Abcam)
#8 Lewis B (T2/B) (Abcam)
Epa1-Np mutant P228A
Epa1-Np mutant P228A
MGL (Gal-1A)
MGL (Gal-1A)
SSL7
SSL7
GCA
GCA
VLRB.aGPC23
VLRB.aGPC23
SEE
SEE
MicroVil
MicroVil
GS-II (EY Lab)
GS-II (EY Lab)
MGL (Gal-1A)
MGL (Gal-1A)
SSL7
SSL7
TVA
TVA
PNA
PNA
HHA(EY Lab)
HHA(EY Lab)
PEA
PEA
EEL
EEL
CSA(EY Lab)
CSA(EY Lab)
Mouse NRP-PTG
Mouse NRP-PTG
DC-ASGPR
DC-ASGPR
PEANUT
PEANUT
Tb-PEA
Tb-PEA
WFA
WFA
VSA
VSA
P11
P11
ConMBL
ConMBL
Galectin-1
Galectin-1
Sp Serotype 14.15
Sp Serotype 14.15
EEA(EY Lab)
EEA(EY Lab)
MonoCCNL
MonoCCNL
MonoSBPLec
MonoSBPLec
VGA(EY Lab)
VGA(EY Lab)
BTA
BTA
MNA-M
MNA-M
nVSLP-088
nVSLP-088
LBL-126
LBL-126
LBL-125
LBL-125
WGA(Seikagaku) BIO
WGA(Seikagaku) BIO
Native HPA
Native HPA
Ant-Lec
Ant-Lec
MAA(Seikagaku)
MAA(Seikagaku)
MAL II
MAL II

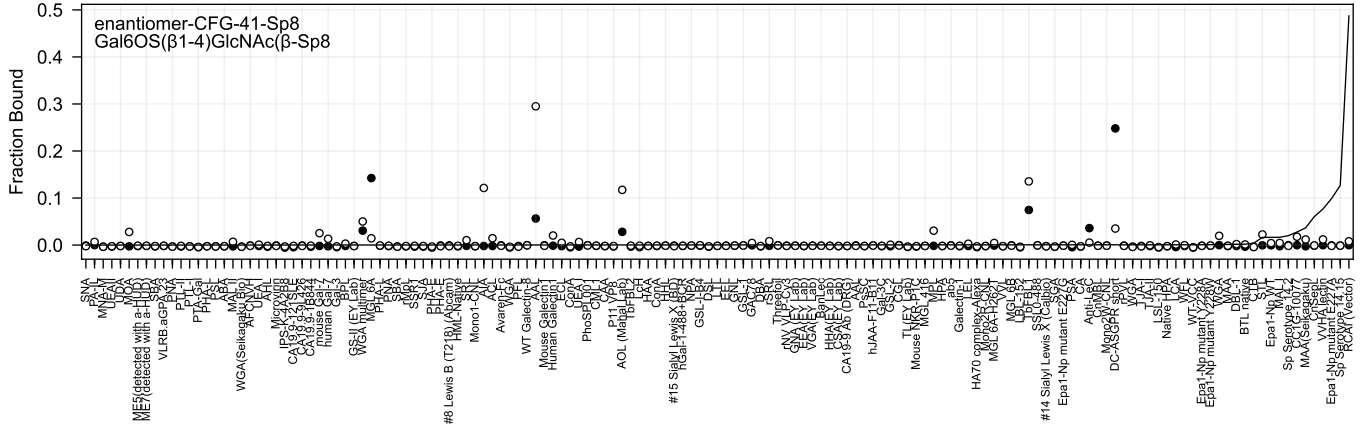

enantiomer-CFG-37-Sp0
Gal4,6OS2(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.125
0.100
0.075
0.050
0.025
0.000
SNA
SNA
Microvillin
IPSA-CBP
CA19-9-IgM
mouse Gal-7
human Gal-7
Gal-3
Bau-ex
MOR Gal
CC1G-Tox74
Tomato
ABA
ABH
WGA(Seikagaku)
Bio
PNA
VVL
UEA
LTL(EY Lab)
BPL
GSL II(EY Lab)
HHA(EY Lab)
Epa1-Np mutant E225A
Epa1-Np mutant E225A
Epa1-Np mutant S226A
WT Galectin-9
Galectin-4
Galectin-1
GSL
Tra
hGal-1-488-PEG5
#14 Sialyl Lewis X (Calbio)
#8 Lewis B (12-18) (Abcam)
MEZ(detected with a-HUD)
ME5(detected with a-HUD)
MVA-N
VGA(EY Lab)
EAN
SBA
SBA
PhA
#15 Sialyl Lewis X (Bio)
hJAA-F11-B11
WGA
CTB
Gal-3C
GSL I-B4
CSA(EY Lab)
Thrombin
ACA
AAL
AAL
DBA
PNA
EC
GNL
VGA
CGL
NPL
Amphi-Lec
DEA
PTL
PTL
Human Galectin-1
LEL
PHA-L
BSL
MAL II
MAA(Seikagaku)
ACL
PWM
MAL
Mouse Galectin-1
Epa1-Np mutant E225A
Gal-1
MGL 6P-Fc(Gal)
SSA
SSB1
AFRNA
CA19-9-IgM
CnSBL
Morus
TSL-1
Sp Serotype 14
PAA
CGL
P11
Avapro-Fc
GSL-2
VLRB.aGP-23
CA19-9 Ab (OncoTag)
HIL
Native
VGA
GNA(EY Lab)
Epa1-Np WT
CA19-9-IgM
Mono-Man-PE-ONE
Mouse NKP-PE-ONE
AOL (Mana-Lab)
BTL
Native
VVL
RCA(Vector)
HA70 complex
Mono-Man-488
SSL1-488
WGA (Tumitas)
DEA
Sp Serotype 1
PAA
MOA
Shiitake
DC-ASGPR short
SBA
rNV VLP-Cy3

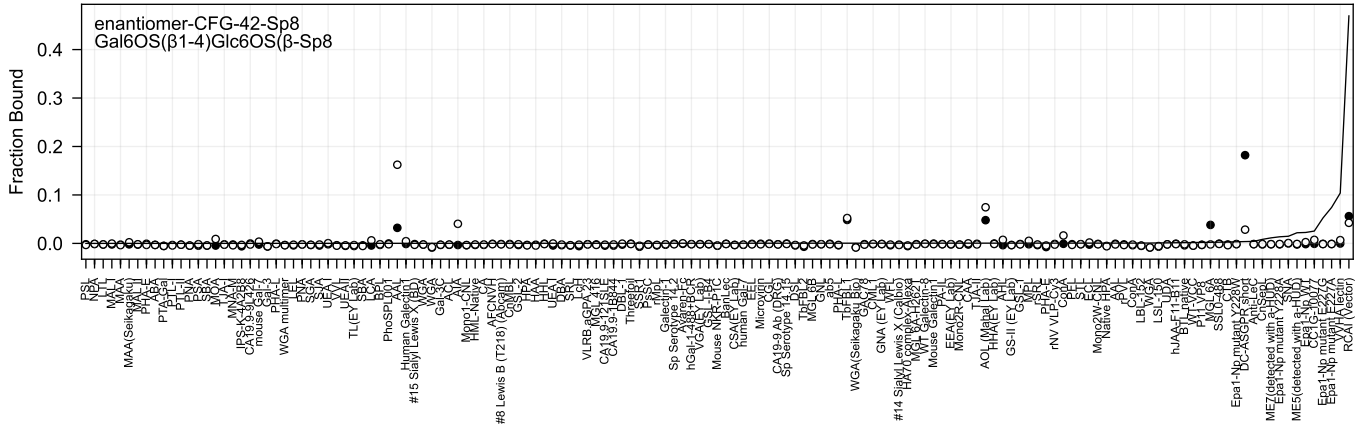

enantiomer-CFG-38-Sp8
Gal4OS(β1-4)GlcNAc(β-Sp8
Fraction Bound
0.0
0.2
0.4
0.6
#14 Sialyl Lewis X (Calbio)
SNA
MAL-I
SSA
hGal-1-498-Fc
PA-IL
MGL
UEA-I
TL(EY Lab)
MOA
PTA
PTA-Gal
PSL
PNA
MAL-II
MGnSPB
MGL-6A
human Galectin-1
VGA(EY Lab)
UEA
PRA
GNA
HHA(EY Lab)
GS-II (EY Lab)
GS-II (VECTOR)
BPL
Mono2W-CNL
ASK
AAL
Microvelin
PSA-A-AGDB
ME7(detected with a-PGL)
mouse Gal-7
VVHA-Fc
PNA
ECA
CSA
KAA
DSA
Mono2R-CNL
ACL
BPL
Epa1-Np mutant Y229Q
Epa1-Np mutant E227Q
Galectin-8
WGA
Epa1-Np mutant E227Q
MAA
AAL
Mouse Galectin-1
PCL
CNBA
GSL-I
MNA-M
PhoSP-HPA
CSA(EY Lab)
GSL-IA4
CrSP
WT Galectin-1
NEA
DBA
Avaren-Fc
ETA-Fc
AFCNV-H
Mono1-CNL
VLEB-Fc-V1
EpaB-Fc-V1
BTL Trap/vp
#8 Lewis B (T218) (Abcam)
HA/0 complex-Alexa
Epa1-Np mutant Y229Q
Sp Sequence 4-126
CA19-9 Ab (TOR-Gc)
Banlec
RCA(Vector)
DCA(Sigma Type II)
#15 Sialyl Lewis X (BD)
ACL
AAL
GNA
PSA
SSL2-FBB
GSL-I
MGL 6A-H2B2
SCL
CA19-9 Galectin-1
Thrombo
CA19-9 NB44
MAL-N-SBA
AOL (Native HPLC)
TIP-BL
Sp Sequence 1-12
Mouse NK B-PAC
EEA(EY Lab)
hJAA-FC-3
LSL
Lsp-150
Gal-1
Gal-3
LBL-1-42
VCL
CC1G-10077
WGA(Seikagaku Bio)
Human Galectin-1
VVA
MAL
MAL-I
MAA(Seikagaku)
ME5(detected with a-PGL)
WGA
SEA
SEE
WGA multimer

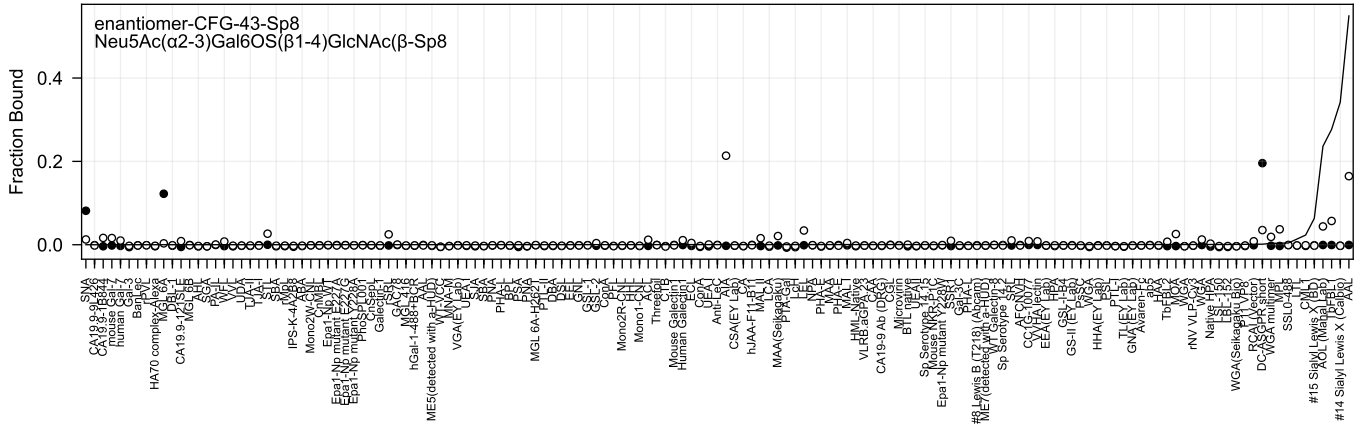

enantiomer-CFG-39-Sp8
Man6OP(α-Sp8
Fraction Bound
0.04
0.02
0.00
TL (EY Lab)
IPS-1 (Azab)
NEK
CA19.9-12
SLE
NGA
P-Selectin
CA19.9-12
ProSpecific
PAGE
PHA-L
Epa1-Np mutant Y228W
VVHA (Iain)
SBA
SLL
WT Galectin-3
Galectin-3
AFCNA
UEA-I
HA70 complex-Alve
PA-IL
Avidin
RCA (Vector)
CC-1 (Iain)
GSL-I-B4
Sp Serotype_MAB
UDA
Epa1-Np (LBD)
Human Galectin1
#15 Sialyl Lewis X (LBD)
#14 Sialyl Lewis X (Calipso)
hGal-1-488+BCR
MGL (EY Lab)
Galectin-8
ASGPR
ACA
AIA
PNA
HPA
Sp Serotype_DBA
EEA(EY Lab)
GNA (EY Lab)
GSL-I
HHA(EY Lab)
Epa1-Np mutant Y228A
PCA
PHA-L
GSL-I
MGL 6A (Alex)
MGL 6A (Alex)
OAL
CCL
CSA(EY Lab)
Bauhinia
CA19-9 Ab (SGA)
Lcn
MAA(Seikagaku)
Epa1-Np mutant E227A
CA19-9-Ab
CNL
Mono1
Microvirus
PSC
abo
Con A
human Galectin-3
Thyroglobulin
HMW Thyroglobulin
GSL-I-B4
Epa1-Np (WT)
Epa1-Np mutant E227A
THL
VGA(EY Lab)
MPL
#8 Lewis B (T218) (Abram)
HPA
AAL
mouse Galectin-3
VIA4
rNV VLP GC-C
ACA
Avidin
DSL
Mouse NKR-P1C
Mono2R-CNE
AWL
Native HPA
hu Galectin-1
AOL (Mahal Lab)
WGA multimer
TbpB-1
CVA
GS-II (EY Lab)
SSL-I (EY Lab)
LTA
Mono2V-CNE
MAL II
WT SCC
WGA(Seikagaku)
LBL-152
LBL-152
ETA
Vicia
DC-ASGPR stock
PVA
MEZ(detected with a-HUD)
MEZ(detected with a-HUD)
Anti-HSC
DBL-1
ConA

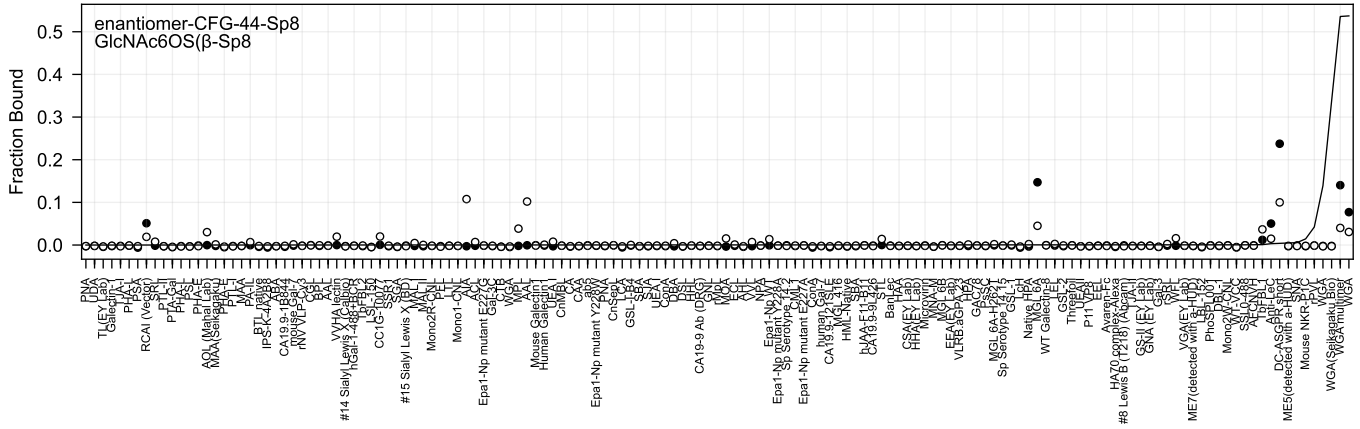

enantiomer-CFG-40-Sp0
Gal6OS(β1-4)Glc(β-Sp0
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
SNA
mouse Gal-3
human Gal-7
WGA mutant
UEA I
CA19.9-IgM
BNA
PNA
PTA-Gal
PTA-Galactose
PSA
CA19.9-A288
CA19.9-A266
Microvillin
WT Galectin-3
human Galectin-3
#14 Sialyl Lewis X (Carbohydrate)
WFCNVH
MOA
UEA
SBA
SNA
EEA(EY Lab)
GS-II (EY Lab)
ABS
NPA
MGL 6A-H287T
BPL
P11
VCA
Mouse Galectin1
Human Galectin1
Monoclonal
AIA
LCA
Thaspsigargin
GNL
DSL
UEA
GSL-I B4
WFA
CFA
WGA
HPA
#8 Lewis B (T218) (Abcam)
BPL
Ban Lec
CA19.9 (EY Lab)
VVL (EY Lab)
TL(EY Lab)
PSA
VLRB.aGP
PNA
HAI Mutant
GNA(EY Lab)
PAL
HA70 complex (Flexa)
MGL 588
MAA(Seikagaku)
Mouse NKR-P1C
SSA
TbFBL1
FSL
PhSL
HHA(EY Lab)
PhSL
Monoclonal
Monoclonal
#15 Sialyl Lewis X (Abcam)
Epa1-Np mutant E227G
SNA
TJA-I
DHA
CA19-9 Ab
GBGC8
GAC8
XIA
MGL 6A
WGA(Seikagaku)
SSL2-488
SSL1-488
MNA
BPL
AOL (Mahal Lab)
SCA
SNA
WGA
CGA
CGA
DSA
DBA
PNA
ME5(detected with a-HUD)
PNA
LBL-132
LBL-152
TbFBP2
DC-ASGPR 3DA
Avaren-PE
Native HPA
Monoclonal
ME7(detected with a-HUD)
hJAC-FITC
Galectin-1
Epa1-Np mutant Y274A
NWVLPSXS
Epa1-Np mutant Y274A
Epa1-Np mutant Y274A
AoaLec
Epa1-Np WT
Epa1-Np mutant E227A
Sp Sequon 1 (0.42)
Epa1-Np mutant E227A
Sp Sequon 1 (0.15)
RCA (Vector)

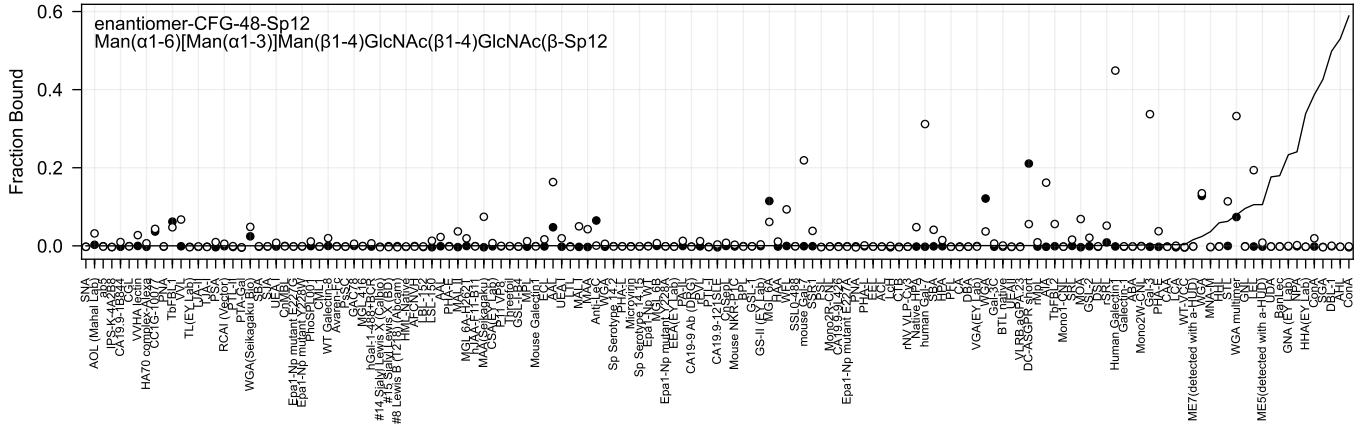

enantiomer-CFG-40-Sp8
Gal6OS(β1-4)Glc(β-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
SNA
CA19.9-PBA
mouse Gal-7
human Gal-7
Ban.ec
WGA (Wheat)
SSA
IPS-4(Seikagaku)
WGA(Seikagaku)
VVL
SJA
PHA-L
PHA-E
PA-I
PA-II
MAL-II
Mucor-Ricin
BPL
PhoSL
CrvM
TSR
NGF-R
hGal-1-488-RCR
#14 Sialyl Lewis X (Lab)
hGal-1-488-WT
SSL(Lab)
ABA
ABA
SBA
SBA
HHA(EY Lab)
EEA(EY Lab)
PHA-E
MGL 6A-P2
MAL
GSL-I
GalNAc
PNA
RIC
AAL
AAL
CGA
GNL
GNL
Mouse Galectin1
CAA
CAA
Mono2R-CNL
TEL
TEL
HA70 complex (Alex)
CA19.9(Abcam)
UEA-I
CSA(EY Lab)
TJA(EY Lab)
AFC
ACG
CA19.9-PL-488
CA19.9-PE-488
VLRB.B23
VLRB.B23
Mouse NKR-P1A
NPA
MAA
Thrombin
RCA
RVA
RVA-L
RCA
RIC
#8 Lewis B (T218) (Abcam)
CA19.9-12-488
CA19.9-12-488
WT Galectin-8
DBA
Avarrow-EC
PFL-I
EEL
EEL
VGA(EY Lab)
AOL (Mahal Lab)
TxB
PBP-I
GSL-I
GSL-I
#15 Sialyl Lewis X (Lab)
Mono1-VGA
GAC/18
MAA(Seikagaku)
GSII (EY Lab)
Epa1-Np mutant E228Q
SRP
SRP
TVV
Galectin-7
Mono2-CNL
hJAA-F11-Fab
Native-PFA
TBP
PNA
LSL-150
PSSC
GNA (EY Lab)
PHA-E
MGA
UDA
ABL
ABL
LBL-152
P-11-VGA
WT-VCC
BTL-VGA
Human Galectin1
GSA
DC-ASGPR-sSBD
Epa1-Np mutant Y228A
ME7(detected with a-HUD)
Epa1-Np mutant Y228A
ME5(detected with a-HUD)
Epa1-Np WT
CC1G-Fc-Epa1
Epa1-Np WT
PL-1
Sp Serotype 14-15
Epa1-Np mutant F227A
Sp Serotype 14-15
RCA (Vector)

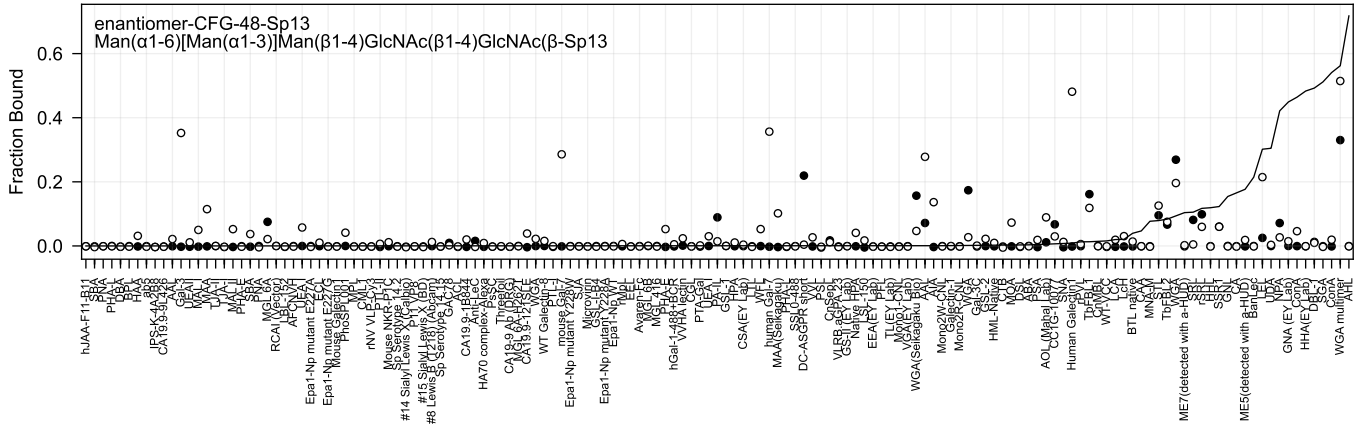

enantiomer-CFG-41-Sp8
Gal6OS(β1-4)GlcNAc(β-Sp8
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
SNA
PNA
MNA-M
UDA
MOA
ME5(detected with a-1
ME7(detected with a-1
LCA
VLRB.aGP
PNA
PTL-I
PHA-E
PTL-II
PSL
MAH
WGA(Seikagaku)
AIA
UEA-I
Microvirin
Tes-C-41-Sp8
CA19-9-Sp8
CA19-9-Sp8
mouse Gal-7
human Gal-7
BPL
GSL-I (EY Lab)
WGA (Vector)
MGL-6x
PNA
SBA
SSA
SSL
RCA
PHA-E
PHA-L
#8 Lewis B (T218) (A
HM (Kiamo)
SRL
Mono1
AOL
Avarol
VIA
WT Galectin-8
AAL
Mouse Galectin1
Human Galectin1
CGL
CCL
PhoSL
CNL
P11
VGA
AOL (Mabtech)
Tb-Lab
PFL
HPA
HAA
CGL
GNA
#15 Sialyl Lewis X
Gal-1 (R&D)
NPA
GSL-I
DSL
EEL
SNL
GSL-4
GSL-7
GBA
GNA
Thrombo
GNA (EY Lab)
VGA (EY Lab)
VGA (EY Lab)
HHA(EY Lab)
BanLec
CA19-9 Ab (DRG)
PSL
PSSL
hJAA-F11-B11
GSL-2
GSL-3
CSA
TLEY-FITC
Mouse NRP-FITC
MGL-FITC
MPA
HPA
Galectin-1
HA70 complex-Alexa
MGL 6xHis-Cy5
Mono2-Biotin
MGL-1
MGL-1/8
TD-BLI
VAA-BLI
#14 Sialyl Lewis X (Calbiochem)
Epa1-Np mutant E-PSA
PSA
Anti-LA
Mono-MGL
DC-SIGNR short
WGA
UEA-I
LTA
LSL-I
Native HPA
WT
Epa1-Np mutant Y-226A
Epa1-Np mutant Y-226W
WGA
DSL-1
BTL (Vector)
CTB
Epa1-Np WT
Sp Secretory 10577
MAA(Seikagaku)
VVHA (Vector)
Epa1-Np mutant T-417S
SP-Secretory T-417S
RCA (Vector)

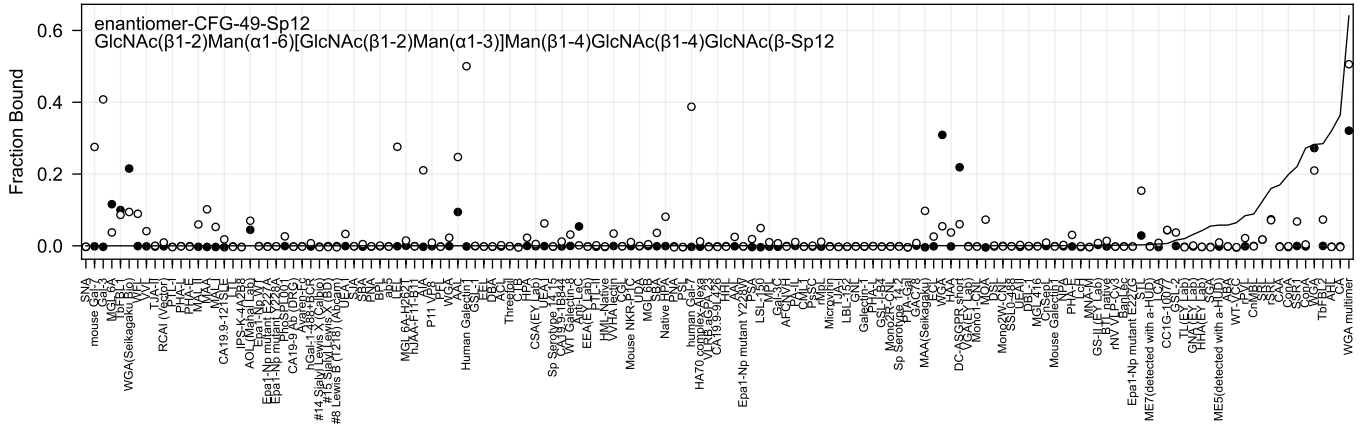

enantiomer-CFG-42-Sp8
Gal6OS(β1-4)Glc6OS(β-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
0.4
PSL
NEU
MALT
MAA
MAA(Seikagaku)
PNA
PTA-Gal
PTA-Lac
PTL-I
PTL-II
BNA
SBA
WGA
MOA
MAL
IPS-MAL
CA19-9-258
CA19-9-299
mouse Gal-1
PGA-1
WGA multimer
ENA
SJA
UEA-I
UEA-II
TL(EY Lab)
SBA
LCA
PhoSpl
PCA
AAL
Human Galectin-1
#15 Sialyl Lewis X (TID)
WGA
Gal-3C
ACL
ACA
Morniga-G
HPA
#8 Lewis B (T218)
ABO(A)
CSA(BL)
CSA(MB)
PFA
PHA-L
LTA
UEA-I
SBA
SNA
VLRB aGPI
VLRA aGPI
CA19-9 418
CA19-9-1584
DBL-1
Thrombomodulin
PNSC
Galectin-1
Sp Serotype 1-2
hGal-1-488-FBCR
VGA(EY Lab)
GSL I-B4
Mouse NK cell lec
human CaBP
CSA(EY Lab)
human CaBP
Microvillin
CA19-9 Ab (OPG)
Sp Serotype 1-3
TnFB
MGL-8
GRP
Ab5
PhFB
TcFBL-1
WGA(Seikagaku)
ABO(B)
CMH
GNA (EY Lab)
WFL
#14 Sialyl Lewis X (Calbiochem)
HAA (Kyowa Hakko)
MGL (CA12-2)
Mouse Galectin-1
Mouse Galectin-3
FAP-L
EEA(EY Lab)
Mono2R-CRL
CAA
TJA-I
AOL (Matsu Lab)
HHA(EY Lab)
ABL
GS-II (EY Lab)
CSL
MPL
PHA-E
PHA-L
nNV VLP
COA
PPL
ECL
Mono2W-CRL
Native AIA
PAA
CGL-2
LBL-I-132
WGA
LSL-II
hJAA-F1-UEA-I
BT-native
P11-VLP
sSJL-CRB
MGL-68
Epa1-Np mutant Y258A
DC-ASGPR-225W
Ach-Lec
Epa1-Np
MEZ(detected with a-HUD)
Epa1-Np mutant Y258A
ME5(detected with a-HUD)
Epa1-Np
Epa1-Np mutant E227G
Epa1-Np mutant E227G
Epa1-Np mutant Fecrin
RCAI (Vector)

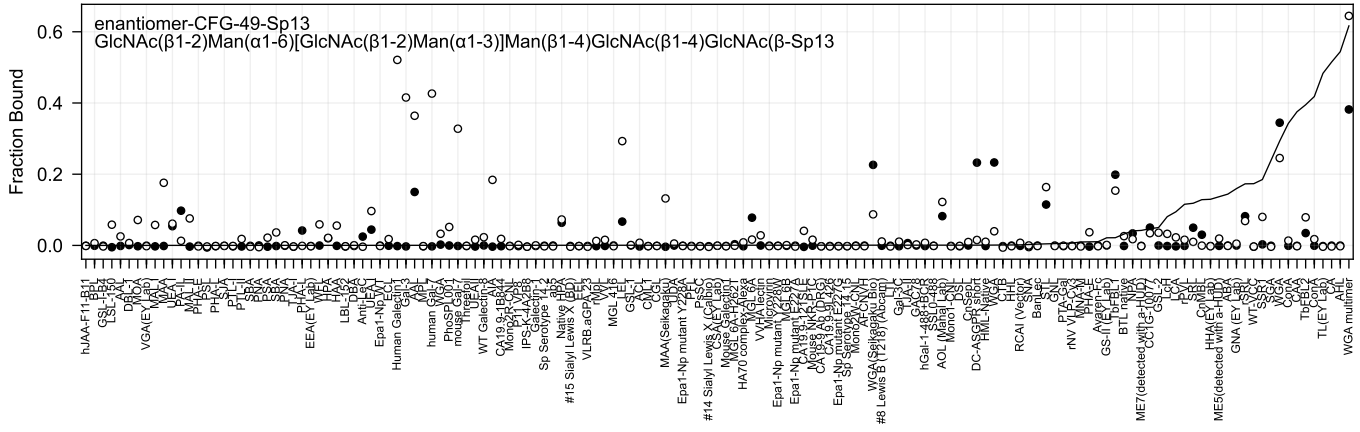

enantiomer-CFG-43-Sp8
Neu5Ac(α2-3)Gal6OS(β1-4)GlcNAc(β-Sp8
Fraction Bound
0.4
0.2
0.0
SNA
CA19.9-Sp6
CA19.9-Sp4
Neu5Ac-Sp4
human Gal-7
Gal-3
Bap-1
PVF
HA70 complex
MGL-6A
CSL-1
CA19.9-12
MGL-8B
SSA
PAA-I
VVL
UDA
TJA-I
TJA-II
SBA
PNA
IPS-K-A
MGL-6A
ABA
Mono2-CN
Epa1-Np WT
Epa1-Np mutant E227G
Epa1-Np mutant E227A
Epa1-Np mutant Y228A
Phos-Sp1
CrSpp1
Galectin-1
hGal-1-488-PBCR
GRL-118
MGL-6A-HD1
WGA(EY Lab)
VGA(EY Lab)
UEA-I
SBA
PNA
BPL
BPL
PNA
MGL 6A-HD2
DBA
PEL
PEL
SNT
GSL-2
CPA
CPA
Mono2R-CN
Mono1-CN
Thr-Acid
CTB
Mouse Galectin1
Human Galectin1
ECL
GPA
Anti-PAX
CSA(EY Lab)
hJAA-F11-B1
MAL-I
MAA(Seikagaku)
PHA-Gal
NFL
PHA-E
PHA-L
MAA-II
NAL-I
HMA
VLL-B4(Vector)
CA19-9 Ab (CSG)
OAA
Microvirin
BC2L-A
Sp Serotype 1
Mouse NKR-P1-C
Epa1-Np mutant Y228V
Sp Serotype 8
Gal-3C
Sp Serotype 12
Sp Serotype 14
AFCS
CCL(G-700)
EEA(EY Lab)
HPA
GSL-I(EY Lab)
VSA
HHA(EY Lab)
PTL-I
TL(EY Lab)
GNA(EY Lab)
Avaren-F2
PAS
TxB
TdFB-2
WGA
WGA
nVV VLA
Naiye HPA
LBL-I-52
LBL-I-52
WGA(Seikagaku) LB8
RCA(Vector)
DC-SIGNR(Sino)
VGA(Hu Lab)
MPL
SSL-I-48
#15 Sialyl Lewis X (BD)
AOL (Matsu Lab)
#14 Sialyl Lewis X (CarBio)
AAL
#8 Lewis B (T218) (Ab Frontier)
ME7(detected with a-HUD)
ME5(detected with a-HUD)

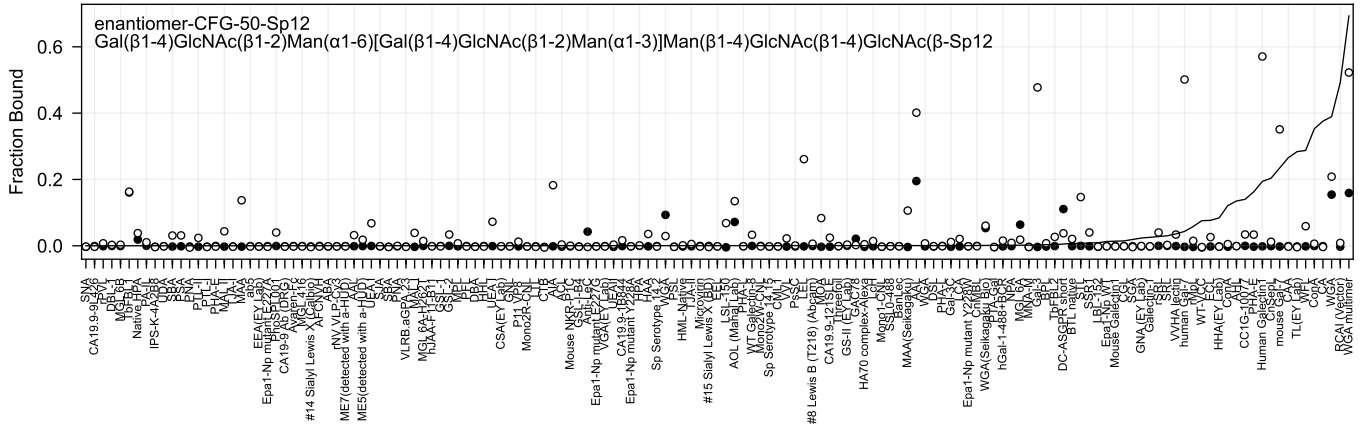

enantiomer-CFG-44-Sp8
GlcNAc6OS(β-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
PNA
UDA
TL(EY Lab)
Galectin-1
PHA-L
PSA
RCA(Vector)
PSL-II
PSL-I
PA-Gal
PSL
PTL-I
AOL(Marine Lab)
MAA(Seikagaku)
PTL-II
PWM
BTL
IPS-K-antigen
ABA
CA19.9-IgM
rNOVP-Sp3
GNL
GSL-I
AAL
VVHA
#14 Sialyl Lewis X (Calbiochem)
hGal-1-488-Fc
LSL
CCL(Sigma)
#15 Sialyl Lewis X
SSA
MAL
Monoclonal
PEL
Mono1-CNL
AIA
Epa1-Np mutant E227G
Galectin-3
WGA
ACA
AAL
Mouse Galectin1
Human Galectin1
DBA
CMH
CAA
Epa1-Np mutant Y228G
SNA
CnFGN
GSL-I-B4
SBA
UEA-I
ConA
DSL
PHL
CA19-9 Ab (GSC)
MPL
ECL
VVL
NPA
Epa1-Np mutant Y228A
Sp Serotype 14-1
Epa1-Np mutant E227A
human Galectin-2
CA19.9-IgG(SLE)
HML-Native
hVAA-F11-IgM
CA19.9-IgG
Benulec
GSA(EY Lab)
HAA
HRA(EY Lab)
MVA(Vector)
VLRB.aGP-23
EEA(Vector)
UCA
GAL
MGL 6A-HPSC
Sp Serotype 14-15
GSL-I
Native HPA
Native PNA
WT Galectin-8
GSL-II
Thrombol
P11
EEL
Avarol-Alexa
HA70 complex-Alexa
#8 Lewis B (1218) (Accam)
GS-II (EY Lab)
GNA (EY Lab)
SBL
RPL
VGA(EY Lab)
ME7(detected with anti-HA)
PhoSL
Mono2V-CNL
SVA-Alexa
ACL
ATL
DC-ASGPR-s(Dot)
DC-Pac
ME5(detected with anti-Strep)
SNA
Mouse NKR-P1C
VGA
WGA(Seikagaku)
WGA(Calbiochem)
WGA

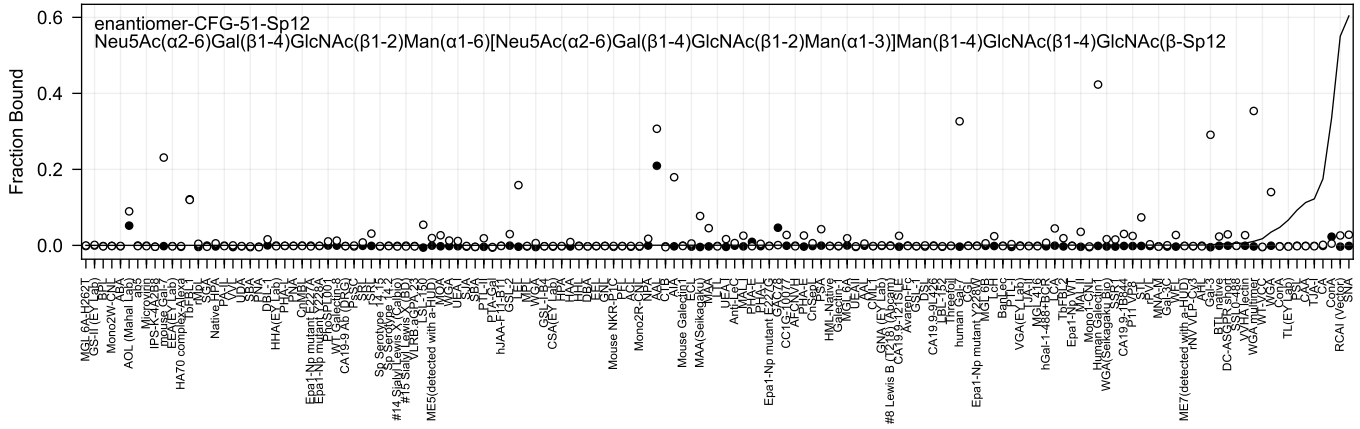

enantiomer-CFG-48-Sp12
Man(α1-6)[Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp12
Fraction Bound
0.6
0.4
0.2
0.0
SNA
AOL (Mahal Lab)
ABA
JFS-K-44
CA19-9-TBS44
VVHA
LCA
HA70 coop(BX-Alex)
CCTG-(BX-Alex)
DNA
TbF
WGA
TL(EY Lab)
UEA
PSA
RCAI (Vector)
PHA-L
PHA-E(Sal
PNA
WGA(Seikagaku)
SBA
UEA
CD59
Epa1-Np mutant Y228A
Epa1-Np mutant Y228A
phosPC(NT)
WT Galectin-8
Avarp-SC
GSL-I
GSL-I B4
MGL
#14 Sialyl Lewis x (Calbio)
hGal-1-488-BCR
#14 Sialyl Lewis x (Calbio)
#8 Lewis B (12-18) (Calbio)
AERKIV-1
LEL
LEL-135
PA-IL
AAL
PA-IL
MAL-I
MGL 64-1-PE21
MAA(Seikagaku)
CSA(Seikagaku)
BT (VB)
Thrombin
GSL
MPL
Mouse Galectin1
EAL
AAL
UEA
MAL-I
MAL-II
Anti-Lec
Vicia
Sp Serotype 14
PHA-L
Mouse NKR-BTC
Sp Serotype 14
Epa1-Np WT
EEA(EY Lab)
Epa1-Np mutant Y228A
CA19-9 Ab (DBG)
PTL-I
CA19-9-12-SLE
Mouse NKR-BTC
GSL-I
GSL-I B4
GS-II (EY Lab)
MGL
RCA
SNA
SSL-I 488
mouse Gal-1
PSL
Monoclonal
Epa1-Np mutant E224A
Epa1-Np mutant Y228A
PHA-L
EEL
EEL
LCA
CTB
rNV VLP
Native HA3
human Galectin-7
SBA
PEA
PCA
VGA(EY Lab)
DBA
WGA
BTL (native)
VLRB aGPC A1
DC-ASGPR short
NKA
Mono1-TCR2
SBT
GNA
GNL
DSL
Human Galectin1
Galectin-1
Mono2W-CRN
RBA
PHA-E
CAA
PHA-L
WT-YKS
ME7(detected with a-HUD)
MNA-M
MNA-N
STL
WGA mutmer
TEL
ME5(detected with a-HUD)
BanLec
GNA (EY Lab)
NPA
HHA(EY Lab)
SCA
DSA
ACL
ConA

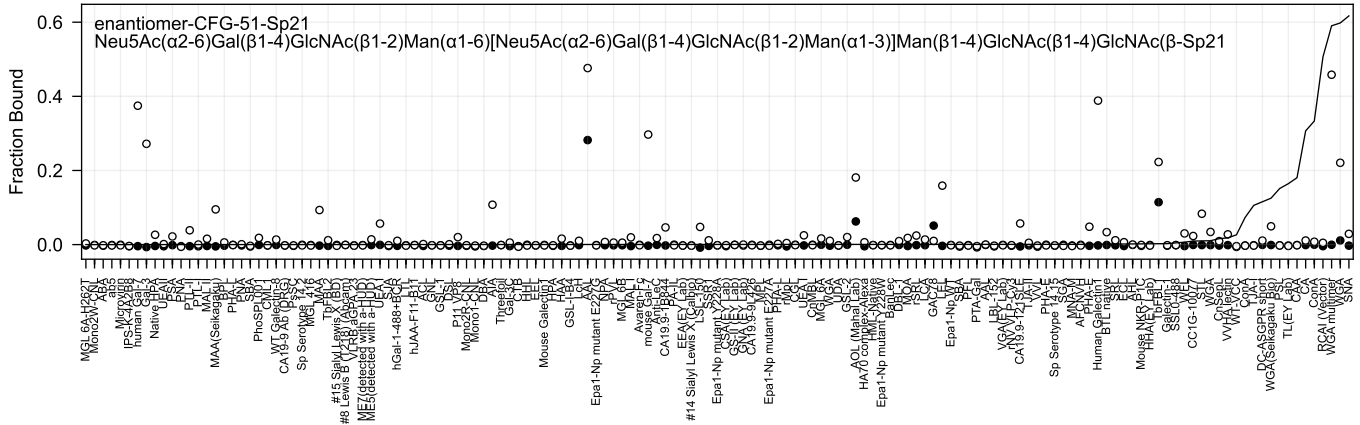

enantiomer-CFG-48-Sp13
Man(α1-6)[Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp13
Fraction Bound
0.0
0.2
0.4
0.6
hJAA-F11
B11
PNA
DBA
PHA-E
RCA
BYA
JFS K-4
CA19-9-1
CA19-9-2
AAL
AAL
DEAI
WFA
LCA-1
MAL-I
PSA
PSA
PNA
RCA(Vector)
ABL-1
ABL-2
ABL-3
UDA
Epa1-Np mutant E227A
Epa1-Np mutant E227G
Mouse IgG3
rNV CP-1
rNV CP-2
Mouse NKR-P1C
Sp Serovar 14.2
#14 Sialyl Lewis b (Y1V89)
#15 Sialyl Lewis a (Y1V90)
#8 Lewis b (Y1V78)
Sp Serovar 14.18
GAL
CA19.9-1B604
CA19.9-1B604
HA70 complex-A/68
Tetanus
CA19.9 AP (DBG)
CA19.9-1-2/FSCE
WGA
PTL-1
Epa1-Np mutant F229V
SJA
Epa1-Np mutant N226A
Epa1-Np mutant N226A
Epa1-Np mutant N226A
MPL
Avarol
Avarol-FE
MGL-1/8
PHA-L
hGal-1-WT
hGal-1-H52A
CGL
PTL-II
GSL-4
GSL-1
HPA
CSA(EY Lab)
CSA(EY Lab)
human CAF1
MAA(Seikagaku)
SSA(EY Lab)
DC-ASGPR short
PSL
VLRB a Gp96
GSL-II (EY Lab)
Nattos TLR
EEA(EY Lab)
TL(EY Lab)
TL(EY Lab)
VAV(EY Lab)
WGA(Seikagaku)
AIA
Mono2W-CNT
Mono2R-CNT
Mono2R-CNT
GNA
GSL-2
GSL-2
HML-1/HIB
MOA
MOA
ABA
ABA
AOL(Mahal Lab)
CCTG-1(MA)
Human Galectin-1
TDFBL1
TDFBL1
CTB
WTA
LCA
LCA
BTL natural
CAA
MNA
MNA
TDFBL2
TDFBL2
ME7(detected with a-HUDS)
SBL
SBL
SBL
SBL
SGNL
SGNL
ME5(detected with a-HUDS)
BanLec
UEA
UEA
NPA
NPA
GNA (EY Lab)
GNA
HHA(EY Lab)
HHA(EY Lab)
DSL
SGA
SGA
WGA mutant
APL

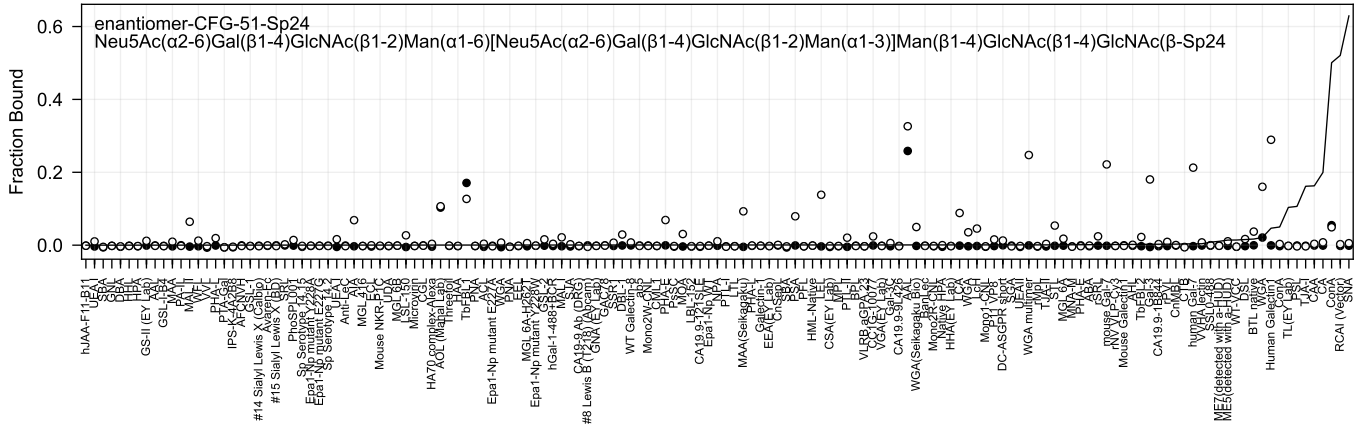

enantiomer-CFG-49-Sp12
GlcNAc(β1-2)Man(α1-6)[GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp12
Fraction Bound
0.0
0.2
0.4
0.6
SNA
mouse Gal-3
Galectin-3
Galectin-1
MGL
TcBP-1
WGA(Seikagaku,Rip)
WGA
Tomato
RCAI (Vector)
PHA-L
PHA-E
MAA
MAL
CA19 9-12
SLT
PNA
AOL (Pseudomonas)
Epa1-Np wt
Epa1-Np mutant E226A
Epa1-Np mutant Y228A
CA19-9 (Lewis a)
Avidin
#14 Sialyl Lewis a (CA19-9)
#15 Sialyl Lewis x (TBD)
#8 Lewis B (12/16) (AOL)
PEA1
SAA
PNA
BS-1
BS-5
MGL 6A-Intrbt
KDA-F11-B11
P11
PEL
VAA
Human Galectin-1
OSA
EEL
ABA
DSA
Threoglu
HPA
CSA(EY Lab)
Sp Serotype 14 (1)
WT Galectin-3
EEA(EY Lab)
Anti-Lac
PHA-P
PHA-H
Native
VVA
MAA(Seikagaku)
SGL
Mouse NKR
uOX
MGL
BPA
Native
PSA
human Gal-7
HA70 (Vaccine)
VRB-aGP
CA19-9-Lactose
Epa1-Np mutant Y228A
AAL
AAT
Epa1-Np mutant Y228S
LSL
MPA
Gal-3C
Gal-1
ArtCA
CAA
CML-1
PNL
Mycoplasma
LBL-1
Galectin-7
GNL
Galectin-10
GNA
GSL-I-B4
Mono2R-CNL
Sp Serotype 1a (2)
GAC/F8
MAA(Seikagaku)
WGA
VVA
DC-SIGGR short
VVA(EY Lab)
Mono1-CNL
MOA
Mono2W-CNL
SSL1-Fc
DSL-1
MGL-Sp16
Mouse Galectin-9
PHA-E
PHA-L
MAA
MAL
GS-II (EY Lab)
rNV-VP1-BV3
Epa1-Np
SLT
Epa1-Np mutant E226A
ME7(detected with a-HUD)
CC1G-100/72
CC1G-100/73
TJ-I (EY Lab)
PNA(EY Lab)
SGA
ME5(detected with a-HUD)
ABA
WT-Fc
PCL
CnMBL
SBL
RIC
CAA
SSA
SSR1
KDA
TcBP-2
ACL
WGA multimer

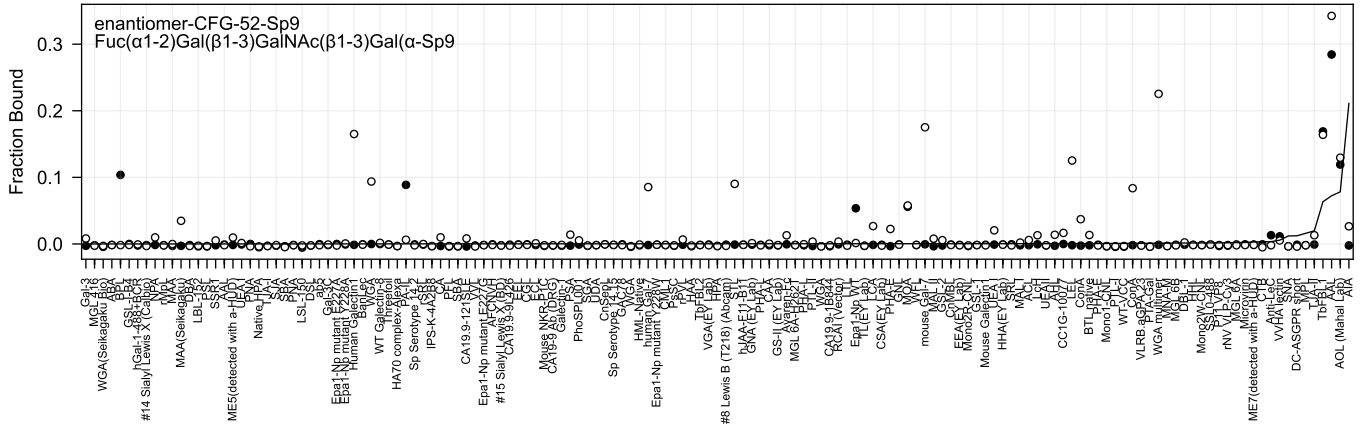

enantiomer-CFG-49-Sp13
GlcNAc(β1-2)Man(α1-6)[GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp13
Fraction Bound
0.0
0.2
0.4
0.6
hJAA-F11
B11
B3
GSL-I-B4
B5
AAL
DSA
DBA
VGA(EY Lab)
WGA
UEA-I
MAL I
PNA
BSL
PHA-L
PHA-E
PTL-I
PTL-II
STA
BPA
SBA
SNA
PWM
PHA-P
EEA(EY Lab)
WFA
HPA
LCA
LBL-I-92
DBA
Anti-UEA-I
Epa1-Np DC1
Human Galectin-1
SAA
AAL
human AGP
VGA
PhoSL
mouse Gal-7
Thy1(CD90)
WT Galectin-3
CA19.9-1B4
Mono2R-CGN
IPS-1-4A268
Galectin-12
Sp Serotype 8
Nalm-6
#15 Sialyl Lewis X (BD)
VLRB.aGP.E1
MGL 416
GNL
SNA
CNL
CML
MAA(Seikagaku)
PSL
Epa1-Np mutant Y229A
PSA
#14 Sialyl Lewis X (Calbiochem)
Mono1 (Gerbal Lab)
MGL 6-H-2621
HA70 complex
VGL-EA
VVA lectin
Epa1-Np mutant Y229W
Epa1-Np mutant Y229F
CA19.9-1-21SLE
CA19.9 AD DR50
Epa1-Np mutant Y229S
CA19.9-1-2-4268
Sp Serotype 12.1B
MomX-CGN
WGA (Seikagaku Bio)
GalNAc
GalC
GAL
hGal-1-488
SSL-I-488
AOL (Mahal Lab)
Mono1
DSL
DC-ASGPR-Siglec-1
HML-Naive
CTB
HPL
RCAI (Vector)
SNA
Bauhinia
GNL
PTA
rNV VLR-2-3
MAA-II
Aviden-Fc
GS-II (Vector)
BTL
BTL mix
ME7(detected with a-HUD)
CCTG(Lab)
GSL(Lab)
LCA
PVA
rPA
CNBL
Con A
HHA(EY Lab)
ME5(detected with a-HUD)
ABA
GNA (EY Lab)
WT SCC
SSA
WGA
COA
TbEB2
TL(EY Lab)
AHL
WGA multimer
#8 Lewis B (T2189) (Abcam)

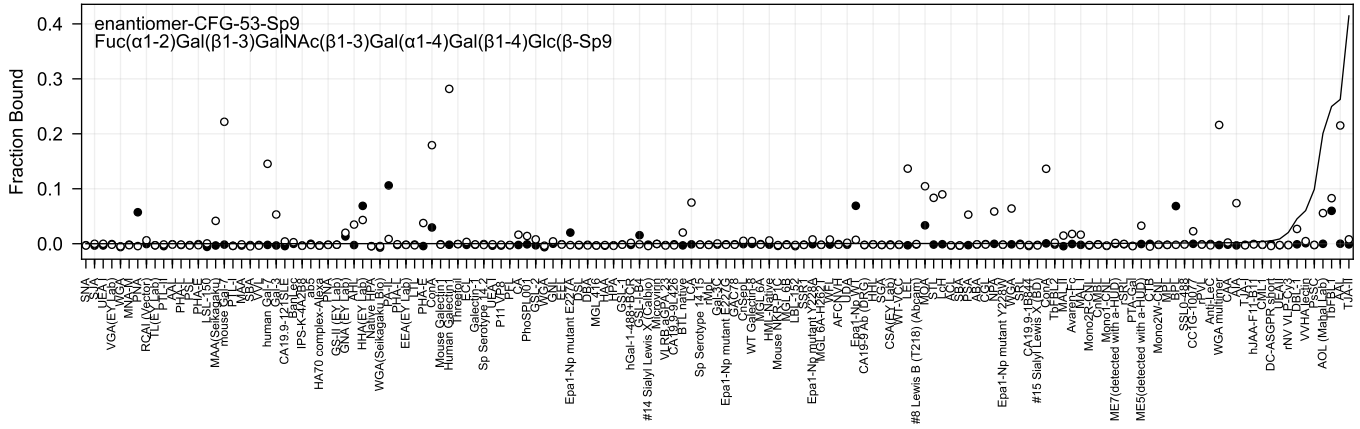

enantiomer-CFG-50-Sp12
Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp12
Fraction Bound
0.0
0.2
0.4
0.6
CA19.9-9
SIA6
EVY
DSL-B4
MGL-B4
Nattin
TPA
IPS-K-4
PAA
SBA
PNA
PTL-I
PHA-E
MAA
EEA(EY Lab)
Epa1-Np mutant Y265(EY Lab)
CA19-9 Ab (DKFZ)
#14 Sialyl Lewis X (Calbiochem)
rNV VLP
ME7(detected with a-HUEA)
ME5(detected with a-HUEA)
AOL
SIA
PNA
VLRB.aGP
MAL
MGL-B4
hIJAK-F1
GSL-I
GNL
DEL
PHA-E
UEA-I
CSA(EY Lab)
GSL
P11
Mono2R-CNL
CTB
AIA
Mouse NKR-P1C
GSL-I-B4
Epa1-Np mutant E275G
CA19.9-Lactone
Epa1-Np mutant Y265A
TJA-I
Sp Serotype 9V
WGA
HML-Nanog
Mimetin
#15 Sialyl Lewis X (BD)
LSL-Tex
AOL (Mahal Lab)
WT Galectin-3
Mono2W-CNL
Sp Serotype CML-1
PSA
LEL
#8 Lewis B (T219) (Abnova)
CA19.9-12 ISLET
TJA-II
GS-II (EY Lab)
HA70 complex-Alexa
Man1-0-488
SSL-1
Man1.ec
MAA(Seikagaku)
AAL
DSL
GHA
PHA-L
CA19.9-Ab (Abcam)
Epa1-Np mutant Y265(EY Lab)
WGA(Seikagaku)
hGal-1-488
PCA
NEA
MGA-M
GAL
DC-ASGPR
PHA-E L2
BTL (Naive)
SSA
SSB1
Epa1-Np
Mouse Galectin-1
SGA
GNA(EY Lab)
Galectin-1
SSL-I
VVHA (Vector)
human Galectin-7
WT Wpc
ECL
HHA(EY Lab)
ECA
AOL
CC1G-Galectin-1
PHA-E
Human Galectin-1
mouse Galectin-7
TL(EY Lab)
OPL
OAA
PCA
RCA(Vector)
WGA multimer

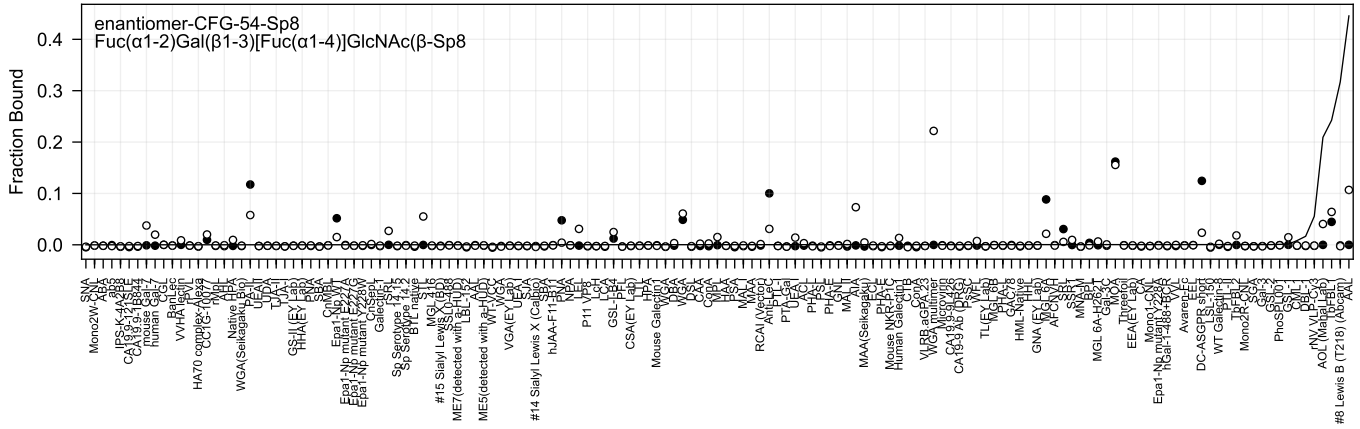

enantiomer-CFG-51-Sp12
Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp12
Fraction Bound
0.6
0.4
0.2
0.0
MGL 6A-1 (H267)
GSL-I (VEA)
BPL
Mono2W
AEA
AOL (Mahal Lab)
IPL
Mcx
MPIA
MPIHA Gal-9
EEA(EY Lab)
HA70 complex
HcPBL-1
SNA
Native-PPA
PVL
VVA
SBA
BNA
DBA
DSA
HHA(EY Lab)
PNA
ACL
CaMBL
Epa1-Np mutant E222A
Epa1-Np mutant E222Q
WFL
PhoSPLD1
CA19.9 Ab
PGS
PSL
SSL
Sa Serotype 1-1-2
Sa Serotype 1-1-3
#14 Sialyl Lewis X (Calbio)
#15 Sialyl Lewis A (Calbio)
VLL
LTB (Lab)
ME5(detected with a-LTB)
KLCA
UEA-I
SJA
PTL-I
PTL-II
hJAA-F11-Fc-Fl
GSL-I
MPL
VSL
GSLY
CSA(EY Lab)
TKA
PHA-E
DEL
PHA-L
Mouse NKR-P1C
PTL
PFL
Mono2R
CNL
NPA
CTB
ECA
Mouse Galectin-1
ECL
MAA(Seikagaku)
MAL
UEA-I
AmyLec
BTA-A
BTA-B
Epa1-Np mutant E222A
Epa1-Np mutant E222Q
GAL8
CC-AF
CONA
PHA-E
PHA-L
CnLec
SSA
HMA-Native
GNA
MGL 6A
UEA-I
CALB
GNA (EY Lab)
CML
#8 Lewis B (Calbiochem)
CA19.9 (Abcam)
Anti-Sialyl-LE
GSL-I
CA19.9-a-Gal
TBL-1
TBL-2
human Galectin-7
Epa1-Np mutant Y228W
MGL 6B
Bap
Lec
VGA(EY Lab)
LAL
MGL 6A
hGal-1-488-BCB
TBF-A
TBF-B
Epa1-Np
Mono1
CALB
Human Galectin1
WGA(Seikagaku)
SSL1
CA19.9-TBS
pH 7.4
SJA
SYL
MNA-M
Galectin-3
ME7(detected with a-HUD)
rNVVEA
AAL
Gal-3
BTL
DC-ASGPR sinus
SSL-I-488
VSL-I-488
WGA (Immunol
WFL
WGA
CorA
PSL
TL(EY Lab)
LCA
CA
CGA
RCA1 (Vector)
SNA

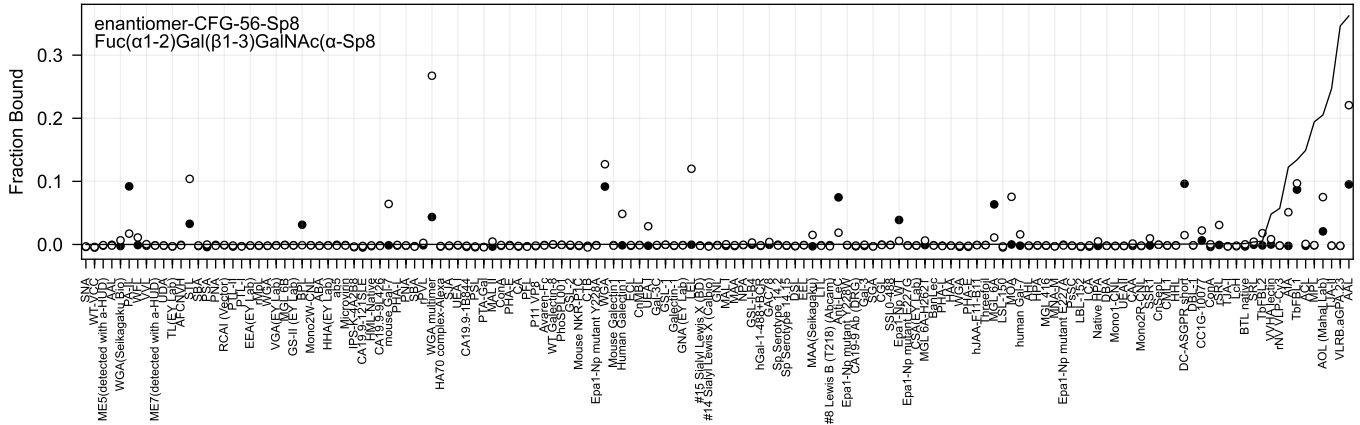

enantiomer-CFG-51-Sp21
Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp21
Fraction Bound
0.6
0.4
0.2
0.0
MGL 6A-H 2B7
Wonoo2W 2C6
ABA
ACA
Microvirin
IPTG-Agarose
Human Galectin-3
Galectin-3
Native LEA
PSA
PTL-I
PSL
MAL-I
MAA(Sekagaku)
PNA
PHA-L
SNA
PhoSL
WT Galectin-3
CA19.9 Ab (BRST-1)
Sp Serotype 12
MGL 4A5
TxB
#15 Sialyl Lewis X (Calbiochem)
#8 Lewis B (CA19.9 Ab)
MEZ(detected with a-LUD)
ME5(detected with a-LUD)
VCRB-aGal (C3)
VCRB-aGal (C2)
UEA
hGal-1-488+BME
hJAA-F11-B11
ANL
GSL-I
P11
VSL
Monoo25-CNL
Monoo1-CNL
DBA
Tnfn1m
Gal-3B
LTL
LEL
Mouse Galectin-1
PEA
PHA-E
GSL-I-B4
Jo1
Epa1-Np mutant E225
SNA
MGL 6A
MGL 6B
Avarol-F
mouse Gal-2
CA19.9-TB44
CA19.9-Fab
EEA(EY Lab)
#14 Sialyl Lewis X (Calbiochem)
LSL
SSB1
Epa1-Np mutant Y238A
GSL-I (EY Lab)
CA19.9-Fab
Epa1-Np mutant F171A
MPA
PTA-I
PNL
UEA-I
CCL
Galectin-1
WGA
GSL-I-A4
GSL-2
AOL (Marasmius oreades)
HA/70 complex
HMA
Epa1-Np mutant Y238W
Epa1-Np mutant Y238F
Banlec
DRL-1
TSL
SSL
GAC/C6
Epa1-Np WT
SBA
Gal
PTA-Gal
Apo
VGA(EY Lab)
LBL (EY Lab)
CA19.9-Apo
UC-1
PHA-E
Sp Serotype 14/35
MNA-M
MNA-N
PHA-L
Human Galectin1
B1L
Neo
BBF
EEL
Mouse NKR-P1C
HHA(EY Lab)
TJ-II
Galectin-4
SOLA-1
WEL
CC1G-1007
WGA
Cnn
Helix pomatia
VVA
WT Cnn
TJA-I
TJA-II
DC-ASGPR
wGA(Sekagaku)
PSL
TL(EY Lab)
CAA
CCA
RCA I (Vector)
WGA mutant
PEA
SNA

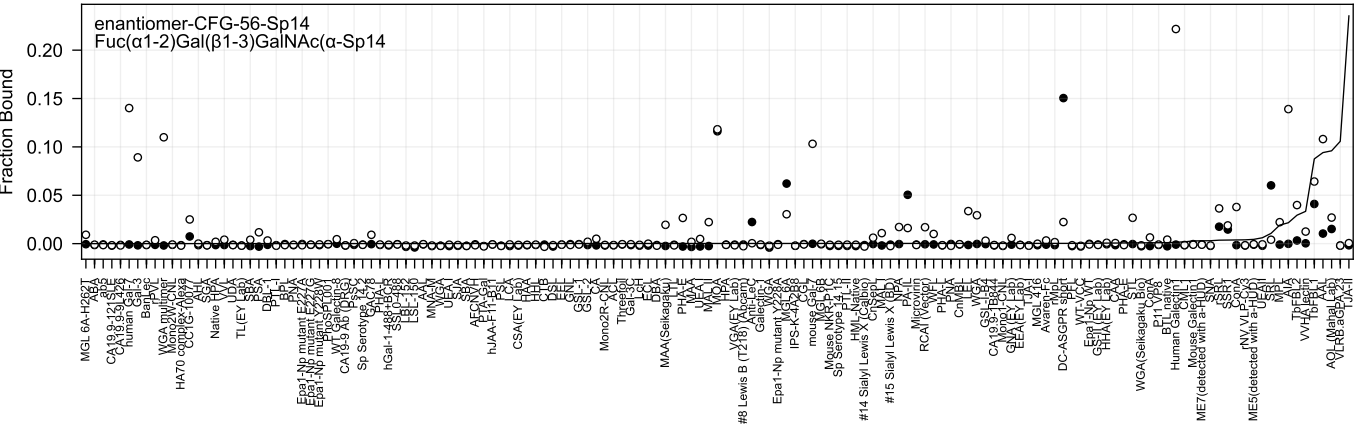

enantiomer-CFG-51-Sp24
Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp24
Fraction Bound
0.0
0.2
0.4
0.6
hJAA-F11
UEA1
SBA
DBA
PNA
HPA
GS-II (EY Lab)
GSL-I B4
PWM
MAA
MAL II
WFL
PHA-L
RCA-I
IPS-CL (A288
AT-CSVT)
#14 Sialyl Lewis X (Calbio)
#15 Sialyl Lewis X (BD)
SNA
PhoSPL
Sp Serotype 14
Epa1-Np mutant E227Q
Epa1-Np mutant E227A
Sp Serotype 14.2
Anti-Leb
Ala
MGL 4/6
Mouse NKR
LOX
MGL-CBB
MGL-1
Microvirin
HA70 complex-Acid
Thrombin
AOL (Matial Lab)
TbFBL2
PNA
Epa1-Np mutant E227A
ACT
ACA
PNA
MGL 6A-Hybrid
Epa1-Np mutant Y229V
hGal-1-488
BCA
MGA
CA19.9-Ab (DRG)
#8 Lewis B (Calbiochem)
GNA (EY Lab)
GSL-I
DBA-1
WT Galectin-3
Mono2VC-CNT
PNGase F
PHA-E
MOR
CA19.9-1-S2
LBA-S2
Epa1-Np WT
PHA-L
PHA-P
LTL
MAA(Seikagaku Bio)
BHA(AU)
Galectin-1
EEA(EY Lab)
CA-Sepharose
BSA
PF
HML-Nature
CSA(EY Lab)
PF
PF-II
VLRB aGP23
VCA(E-1077)
Gal-3C2
CA19.9-S-426
WGA(Seikagaku Bio)
Mono2RCNT
Mono2RCNT
HHA(EY Lab)
HPA
Naive HPA
VGA
Mono1-CNT
DC-ASGPR short
UEA1
WGA multimer
TWEAK
SJA
MNA-M
MNA-N
PAGE
GSL
mouse Galectin-3
rNV-Gal-3-K3
Mouse Galectin-1
TbFBL2
CA19.9-1B4
PNA
CrvOTB
human Galectin-1
SSL1-488
SSL1-647
MEZ(detected with a-HUD)
MEZ(detected with a-HUD)
WT-OSC
BTL native
Human Galectin-1
TL(EY Lab)
BSL
CAA
CCA
RCAI (Vector)
SNA

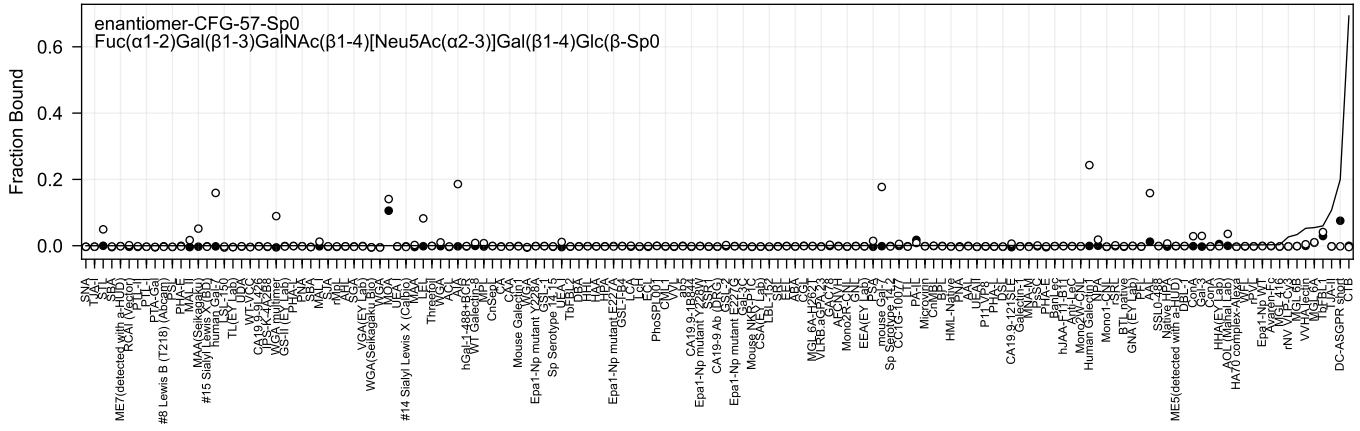

enantiomer-CFG-52-Sp9
Fuc(α1-2)Gal(β1-3)GalNAc(β1-3)Gal(α-Sp9
Fraction Bound
0.0
0.1
0.2
0.3
Gal-3
MGL-6A
WGA(Seikagaku)
Blo1
BP1
GSL-I-B4
hGal-1-488
#14 Sialyl Lewis X (Calbio)
WGA
MAA
MAA(Seikagaku)
DBA
LBL-488
SSA1
ME5(detected with a-PUD)
UEA1
Native_HPA
SJA
SBA
PNA
LSL-1
DSL
DSS
Epa1-Np mutant F226A
Epa1-Np mutant F226A
Human Galectin1
Galectin3
WGA
WT Galectin3
Galectin9
HA70 complex-488
Sp Serotype 12
Sp Serotype 12
IPS-K-488
CBB
PCA
SEA
CA19.9-12
SLE
Epa1-Np mutant F227G
Epa1-Np mutant F227G
#15 Sialyl Lewis X (BD)
CA19.9-9-488
CGL
CGT
ECL
Mouse NKR-P1C
CA19.9 Ab (DRG)
Galectin8
BSA
PhoSP (001)
UDA
Sp Serotype 14
Gal-7
Sp Serotype 14
GAL-8
HML-Native
human Galectin7
Epa1-Np mutant X-488
KOM-1
PSA
FGL
HAA
Tdp-1
VGA(EY Lab)
#8 Lewis B (T218) (Abcam)
STL
HJA-E1 (EY Lab)
GNA (EY Lab)
PAA
GS-II (EY Lab)
MGL 6A(EY Lab)
PPA-1
WGA-1
CA19.9 (Ab44)
PHA-L (EY Lab)
Epa1 (EY Lab)
LCA
CSA(EY Lab)
PHA-E
GNL
VFL
mouse_Vat-1
Vat-1
CSA(EY Lab)
EEA(EY Lab)
Mono2-488
SSL1
Mouse Galectin1
HHA(EY Lab)
MAL
ACL
UEA1
CC1G-1-488
CLE
Coma
BTL
PHA-E
Mono1-PNA
WT-ACL
VLRB.aGP.23
WGA (Calbiochem)
NNA-488
MNA-488
DBA-1
Mono2W-488
SSL1-488
rNv VLP-C23
MGL 6A
ME7(detected with a-PUD)
Anti-Lip
VVHA
DC-ASGPR
SJA
TKA-1
TbFBL1
AOL (Mahal Lab)
AIA

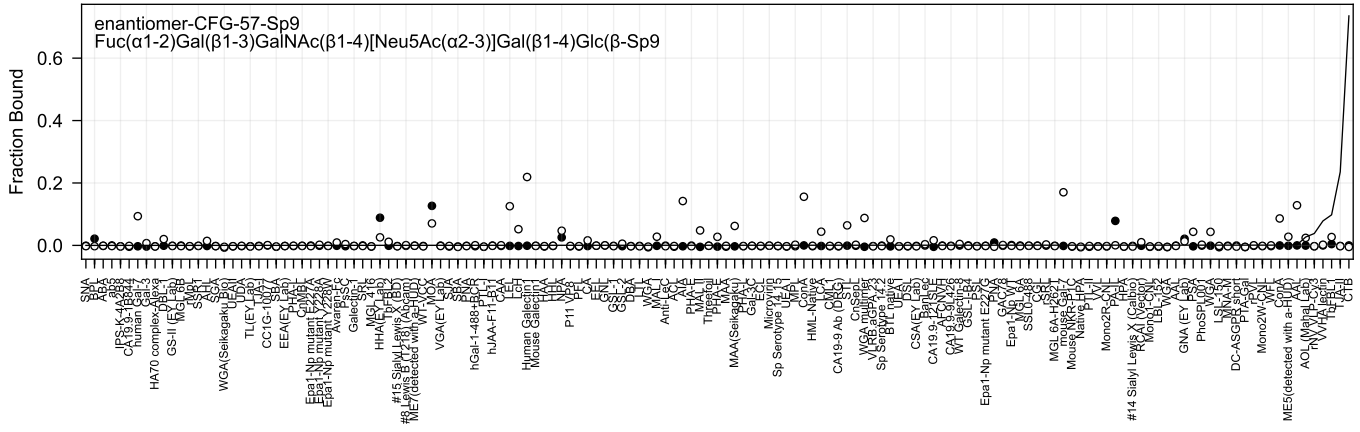

enantiomer-CFG-53-Sp9
Fuc(α1-2)Gal(β1-3)GalNAc(β1-3)Gal(α1-4)Gal(β1-4)Glc(β-Sp9
Fraction Bound
0.4
0.3
0.2
0.1
0.0
SNA
SNA
UEA I
UEA I
VGA(EY Lab)
WGA
MNA
MNA
RCA I(Vector)
TL(EY Lab)
PHA-L
PHA-L
ACL
PSL
PSL
SJA-1
SJA-1
MAA(Seikagaku)
mouse BP-1
NPA
NPA
VVA
VVA
human Gal-3
human Gal-3
CA19.9-12-TSLE
CA19.9-12-TSLE
IPS-KA2B8
IPS-KA2B8
HA70 complex-A
HA70 complex-A
BNA
BNA
GSII (EY Lab)
GNA (EY Lab)
ATL
ATL
HHA(EY Lab)
Native PPA
WGA(Seikagaku)
PHA-L
PHA-L
EEA(EY Lab)
EEA(EY Lab)
PHA-E
PHA-E
Mouse Galectin1
Human Galectin1
Galectin1
EC1
Galectin-1-2
Sp Serotype 1-2
P11
PFL
PFL
PhoSPLD
GNL
GNL
GNL2
GNL2
Epa1-Np mutant E227A
DSL
DSL
MGL 416
MGL 416
HPA
HPA
hGal-1-489
GSL-I
GSL-I B4
#14 Sialyl Lewis X(Calbio)
VLRB.aGP2.23
VLRB.aGP2.23
CA19.9-1-2B4
CA19.9-1-2B4
Sp Serotype 1-2
Sp Serotype 1-2
Epa1-Np mutant P80A
GRL-2
Epa1-Np mutant GRL-2
GAC-78
WT Galectin-1
MGL8A
MGL8A
Mouse NKR-P1C
HMGA
LBP-1-489
Epa1-Np mutant Y58S
Epa1-Np mutant Y58S
MGL8A-K228A
AFG
NVH
UDA
Epa1-Np(DSG)
CA19.9-1-2B4
Epa1-Np(DSG)
GSL-I
GSL-I B4
CSA(EY Lab)
WT-YCE
#8 Lewis B (T218) (Abcam)
MGL
SNA
ICH
ICH
SBA
SBA
ABA
ABA
CGL
CGL
Epa1-Np mutant Y228A
WGA
WGA
CA19.9-1-2B44
CA19.9-1-2B44
#15 Sialyl Lewis X(Calbio)
TxLA
TxLA
Avarol-1-C
Avarol-1-C
Mono2KDN
Mono2KDN
ChoBE
ChoBE
Mono2Neu5Ac
Mono2Neu5Ac
ME7(detected with a-HuDL)
ME7(detected with a-HuDL)
PTA
PTA
ME5(detected with a-HuDL)
ME5(detected with a-HuDL)
Mono2W-CDP
Mono2W-CDP
MPL
MPL
SSL-I-188
SSL-I-188
CCTG-1mV
CCTG-1mV
WGA multimer
WGA multimer
Anti-Lec
Anti-Lec
TAA
TAA
hJAA-F11-B11
hJAA-F11-B11
DC-ASGPR-3mM
DC-ASGPR-3mM
rNV VP1
rNV VP1
VVHA
VVHA
Lesp
Lesp
AOL (Mabtech Lab)
AOL (Mabtech Lab)
TxLA
TxLA
T-JAI
T-JAI

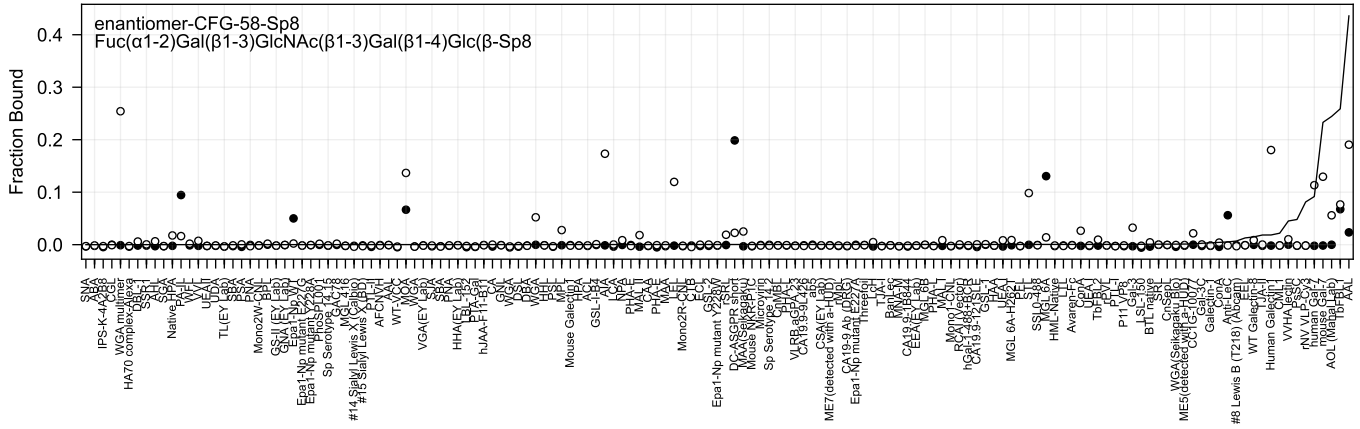

enantiomer-CFG-54-Sp8
Fuc(α1-2)Gal(β1-3)[Fuc(α1-4)]GlcNAc(β-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
0.4
SNA
ABA
ABA
IPS-1-4-A
PBB
CA19-9-1-DSL4
CA19-9-1-DSL4
mouse Gal-7
human Gal-7
VVA
HAA
Ban-Lec
PWM
HA70 cocktail
CD169
PNA
Native PPA
WGA(Seikagaku Exp)
UEA-I
LCA
TJA-I
TJA-II
GSL-II (EY Lab)
HHA(EY Lab)
SBA
Epa1-Np mutant E227A
Epa1-Np mutant E227Q
Epa1-Np mutant E227A
CrSerpL
Galectin-1
Sp Serotype 14-15
Sp Serotype 14-15
BYM native
MGL 316
#15 Sialyl Lewis X (Lab)
ME7(detected with aa-HUD)
LBL-362
ME5(detected with aa-HUD)
WTA
WGA
VGA(EY Lab)
ECA
#14 Sialyl Lewis X (Calbio)
hJAA-F11-317
RKA
VFL
P11
LCH
GSL I-B4
PFL
CSA(EY Lab)
HPA
Mouse Galectin-3
WGA
MPA
DSL
CGA
CGA
MEA
ESA
MAA
RCA(Vector)
Ahnfelt-1
PTL-I
PTL-II
ACL
PHA-E
PHA-L
BSL
PNA
MAL
MAA(Seikagaku)
ACG
PSL
Mouse NKR-P1C
Human Galectin-1
CoA
CoA
VLRB aGCA
WGA mutmer
CA19-9 Ab (Dako)
CA19-9 Ab (Dako)
PNL
TL-I (E. lab)
TL-II (E. lab)
WFA
HHL
SNA-I
GNA (EY Lab)
APA
ACG
SSA
SSB
MPL
MGL 6A-I-2B2
GNA
MOA
TEL
EEA(Vector)
EEA(Vector)
Epa1-Np mutant E227A
Epa1-Np mutant E227Q
hGal-1-488-BCR
Avarol
DC-ASGPR
SFL
SL-150
WT Galectin-1
JRFL
Mono2K
SGA
SGA
Galectin-3
PhoSL(Vector)
CML-1
CML-1
nNV VLP
LBP-1
AOL (Maha Lab)
AAL
#8 Lewis B (T218) (Abcam)

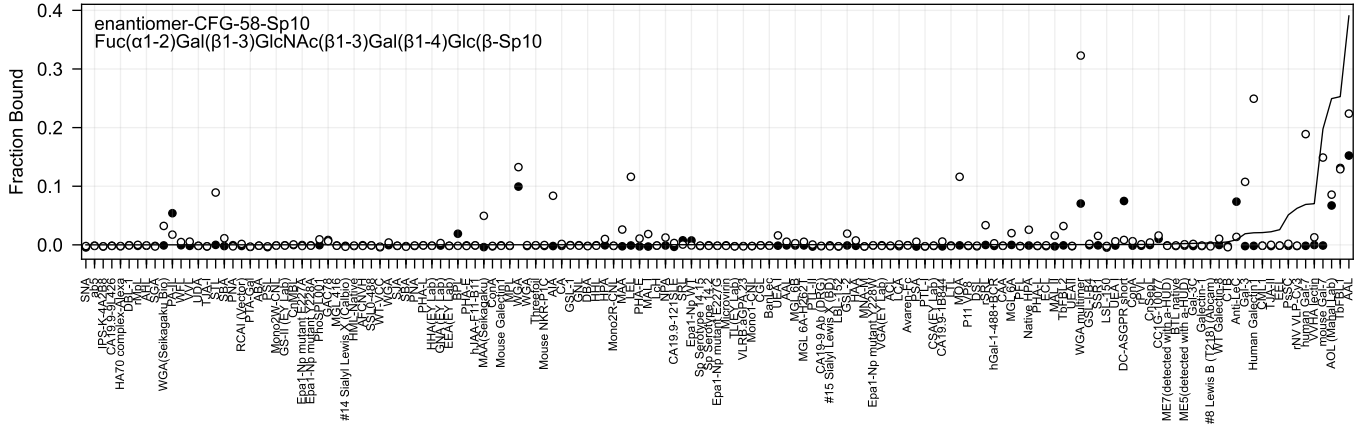

enantiomer-CFG-56-Sp8
Fuc(α1-2)Gal(β1-3)GalNAc(α-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
SNA
WT-SNA
ME5(detected with a-HUD)
WGA(Seikagaku, Bio)
PNA
ME7(detected with a-HUD)
TL(EY Lab)
AIA
SJA
SBA
PNA
RCAI (Vector)
PTL-I
EEA(EY Lab)
PHA-E
VGA(EY Lab)
WGA
GS-II (EY Lab)
BPL
Mono2W
ABA
HHA(EY Lab)
Microvirin
CAA(Sigma)
PSA-1
CA19.9-Lectin
HML
CA19.9-Ab (Calbiochem)
PHA-L
SBA
WGA multivalent
HA70 complex-Alexa
WGA
CA19.9-1B44
UEA-I
PTA-Gal
MOA
PHA-E
PHA-L
PCL
A11 VFF
Galectin-3
WT-Galectin-3
PhoSL
Mouse NKR-P1
Epa1-Np mutant Y228A
Mouse Galectin1
Human Galectin1
CnuBL
GUL
GSL-1
GNA(Vector Lab)
#15 Sialyl Lewis X (BEL)
#14 Sialyl Lewis X1 (Calbiochem)
MAL
MAA
GSL-I B4
hGal-1-488-Sp8
Sp Serotype 1-12
Sp Serotype 1-12
LCA
EBL
MAA(Seikagaku)
#8 Lewis B (T218) (Abcam)
Epa1-Np mutant Y228V
CA19.9 Ab (Calbiochem)
SGA
SSL-28
SSL-10
Epa1 L227A
Epa1-Np mutant L227A
CSA(EY Lab)
MGL 64-488
BanLec
PHA-L
WGA
PWM
hJAA-F11-488
Thaspig
LSL-50
MAA
human MAA
AIL
MGL 416
Epa1-Np mutant F228A
LBL-1X
Native HPA
Mono1
ONA
UEA-I
Mono2R
SNA
CnuBL
CnuBL
DC-ASGPR short
CC1G-Dbir-1
CorA
TJA-I
CCH
BTL native
BTL
Tra
XVIVLP-Sp8
nVVLP-Sp8
TbFBL
MPL
AOL (Mahal Lab)
VLRB.aGPC.1
AAL

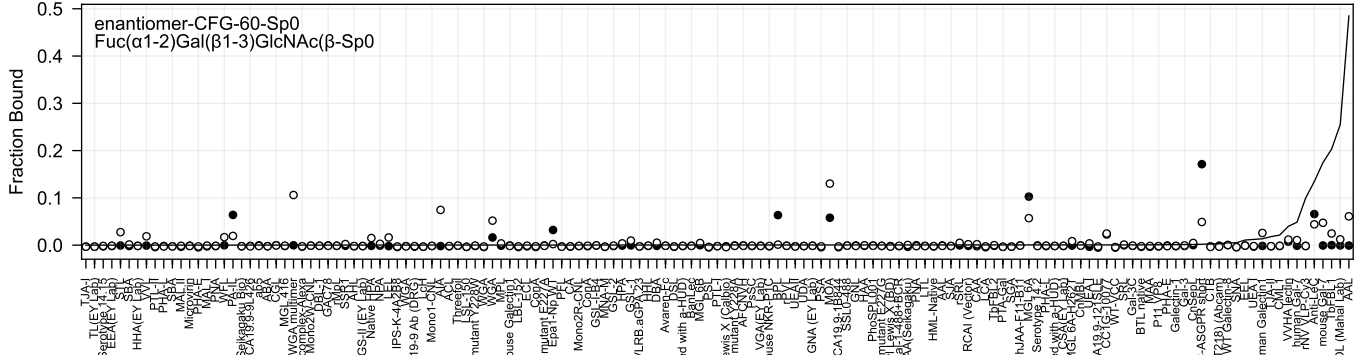

enantiomer-CFG-56-Sp14
Fuc(α1-2)Gal(β1-3)GalNAc(α-Sp14
Fraction Bound
0.20
0.15
0.10
0.05
0.00
MGL 6A-H2627
ABA
CA19.9-12
CA19.9-36
CA19.9-125
human Gal-3
Bap-Lec
WGA multimer
Mono2KONL
HA70 oligomer
CCR8-10844
SSA
Native LPA
UDA
TL(EY
SBA
BSA
DBA-1
BP-1
BP-1
Epa1-Np mutant E227A
Epa1-Np mutant E227Q
Epa1-Np mutant E227D
PhoSpLipase
WGA(Seikagaku)
CA19.9 Ab-PDG3
Sp Serotype 3 Ab
hGal-1-488-BCS
SSL-7-488
LSL-1-488
LSL-1-55
mouse Galectin-1
MAA
WGA
UEA
SNA
AFA
ETA-Bal
hJAA-FITC
BS1
CSA(EY
HPA
LCA
PSA
PHA-E
PHA-L
DSL
GNL
GSL-I
GSL-I
Mono2R-ONL
CA
Thiseligl
Galectin
ECA
BPA
MAA(Seikagaku)
PHA-E
PHA-L
MAA
MAL
MAL
MPA
YGA(EY Lab)
#8 Lewis B (TZ16)
Anicetin
Galectin-1
Galectin-1
Epa1-Np mutant X228A
IPS-KAC68
CGL
mouse Galectin-9
Mouse NKR-P1.1
sp Serotype 3 Ab
FH_H
#14 Sialyl Lewis M(Calbiochem)
CNSP
#15 Sialyl Lewis X(BD)
PNA
RCA(Vector)
Microvirin
PHA-L
PHA-L
CnMel
WGA
GSL-I-B4
CA19.9-PBS
Mono1-ONL
GNA(EY Lab)
LEA(EY Lab)
TJA-I
MGL1-Fc
Avarol-Fc
DC-ASGPR 9Mpt
PPL
PPL
VVL
Epa1-Np
GSL-I(EY Lab)
HHA(EY Lab)
CA
PHA-E
WGA(Seikagaku, Bio)
P11
P11 VVA
BTL native
Human Galectin-1
CXCL1
Mouse Galectin-1
ME7(detected with a-HUD)
SNA
SSA
SSRY
ME5(detected with a-HUD)
rNV VLP-CoA
rNV VLP-CoA
UEA-I
MPL
MPL
TFB-L2
VVH
HA Berlin
AAL
AOL (Marasmia)
AOL (Marasmia)
TJA-II

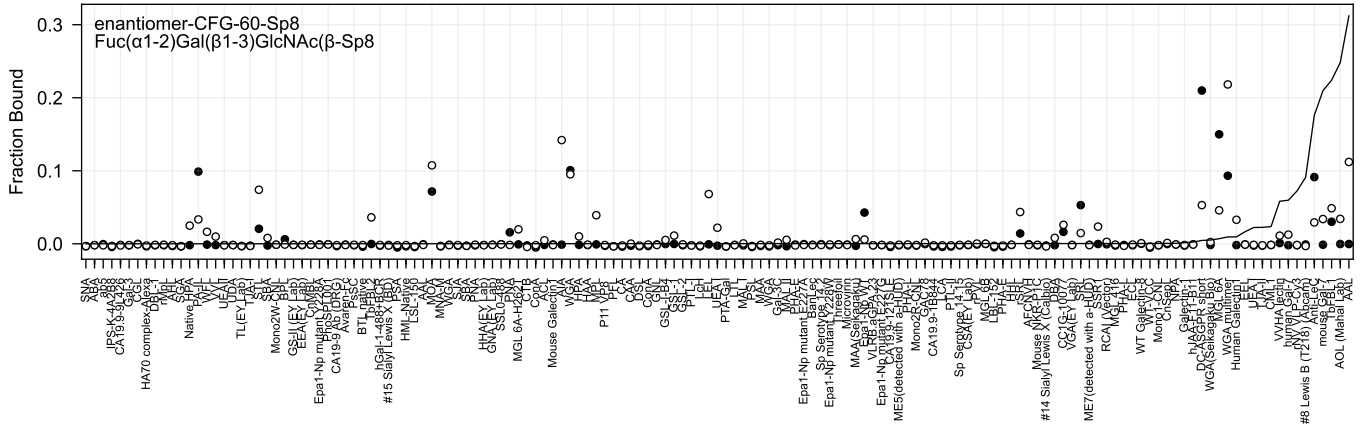

enantiomer-CFG-57-Sp0
Fuc(α1-2)Gal(β1-3)GalNAc(β1-4)[Neu5Ac(α2-3)]Gal(β1-4)Glc(β-Sp0
Fraction Bound
0.0
0.2
0.4
0.6
SIA
TSA
SIL
ME7(detected with a-HUD)
RCAI (Vector)
PTL
PTL
#8 Lewis B (T218) (Abcam)
PSL
PSL
MAL I
MAA(Seikagaku)
#15 Sialyl Lewis X (Abcam)
human Galectin-1
TL(EY Lab)
WT-DGA
CA19-9 (T428)
WGA (Cell Mark)
GSII (EY Lab)
PNA
PNA
MAL II
SNA
ABL
SSA
ABL
VGA(EY Lab)
WGA(Seikagaku)
VGA
#14 Sialyl Lewis X (Abcam)
UEA I
WGA
Thrombin
WGA
AIA
hCA II-488+BCB
WT Galectin-1
MIPL
ChSeA
CAA
Mouse Galectin-1
WGA
Epa1-Np mutant E227A
GSII-B4
Sp Serotype 14-1-3
TdBL-1
DBA
DBA
HPA
HPA
Epa1-Np mutant E227A
GSII-B4
GSII-B4
LCA
LCA
PhoSPL
PCT
CON A
PVL
CA19-9-1B244
Epa1-Np mutant YSSR1
CA19-9 Ab (SBI-C)
Epa1-Np mutant E227G
Mouse NKR-P1C
CSA(EY Lab)
LBA
SBA
EBL
EBL
MGL6A-HPA
VRB-aGAL-23
ABA
Mono2R-CNT
EEA(EY Lab)
PNA
mouse Galectin-3
Sp Serotype 14-2
CCTG-10077
PA-IL
PA-IL
Mono1-CNT
CRA
WFL
BPL
HML-NPNX
LEA
LEAII
P11-V28
PSL
CA19-9-12-SLE
Galectin-1-488
MNA-M
PFA
PFA-SE
hAA-PNP
Bandeiraea
AAL
AAL-HRP
Mono2-CNT
Human Galectin-1
NPA
Mono1-SRL
RTA
GNA(EY Lab)
PHA-E
PHA-L
SSL-488
Native HPA
ME5(detected with a-HUD)
PBL-1
Con A
Con A
PBL-1
HHA(EY Lab)
AOL(Mahal Lab)
HA70 complex-Alexa
PVX
PVX
Epa1-Np-FC
WGA 418
WGA 488
rNV
VVL-488
VVL(Leap)
TxBL-1
TxBL-1
DC-ASGPR siRNA
CTB

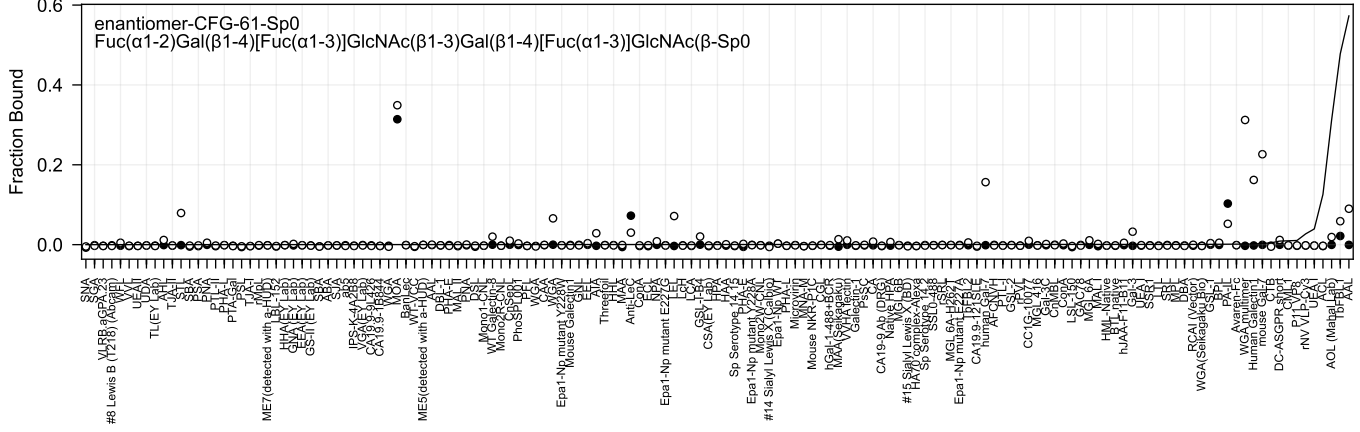

enantiomer-CFG-57-Sp9
Fuc(α1-2)Gal(β1-3)GalNAc(β1-4)[Neu5Ac(α2-3)]Gal(β1-4)Glc(β-Sp9
Fraction Bound
0.0
0.2
0.4
0.6
SNA
SSA
ABA
JFS-1-488
CA19-9-488
A1/B-1-488
HA70 complex-PBA
Gal-3
GS-II (EY Lab)
MGL
SSL7
SCA
WGA(Seikagaku)
UEA-I
UDA
TL(EY Lab)
CC1G-1 (EY Lab)
SBA
EEA(EY Lab)
CSL3
Epa1-Np mutant E222A
Epa1-Np mutant E222G
Epa1-Np mutant V226W
Avarol-SCF
Galectin-1
NGA
#15 Sialyl Lewis X (TBD)
#8 Sialyl Lewis X (TBD)
ME7(detected with a-Gal)
WT MOX
VGA(EY Lab)
hGal-1-488-PBA
BNA
LEL
hJAA-F1
PAA
Human Galectin-1
Mouse Galectin-1
TJA-I
VVA
P11
PEL
EPL
SSL1
SSL2
GSL4
DSL
MGL
Anti-Le
AOL
RIA-L
RIA-S
Thrombomodulin
HAA
MAA(Seikagaku)
Galectin-3C
Galectin-3
Microbial Galectin
Sp Serotype 14 (TB)
Sp Serotype 19F (TB)
UEA
ConA
HML-Neuraminidase
PNA
CA19-9 Ab (OncoTherapeutics)
SJA
WGA Conjugate
VVRB aGP A23
Sp Serotype 1 (native)
BYC (native)
UEA(EY Lab)
CSA(EY Lab)
CA19 9-PBA
CA19-9-PBA
CA19-9-NOV
WT Galectin-8
GSL-B4
Epa1-Np mutant E222G
Epa1-Np WT
SSLL-488
SSL8
MGL 6A-Hapten
Mouse NKR-P1C
Native PLA
Mono2R-PAL
#14 Sialyl Lewis X (Cellular)
RCA (Vector)
MonoB-PAL
GNA (EY Lab)
PhoSL (EY Lab)
WGA
LSL
DC-ASGPR short
Mono2W-PAL
ME5(detected with a-Gal)
AAL
AOL
Human Lactoferrin
VVHA
TJA-II
CTB

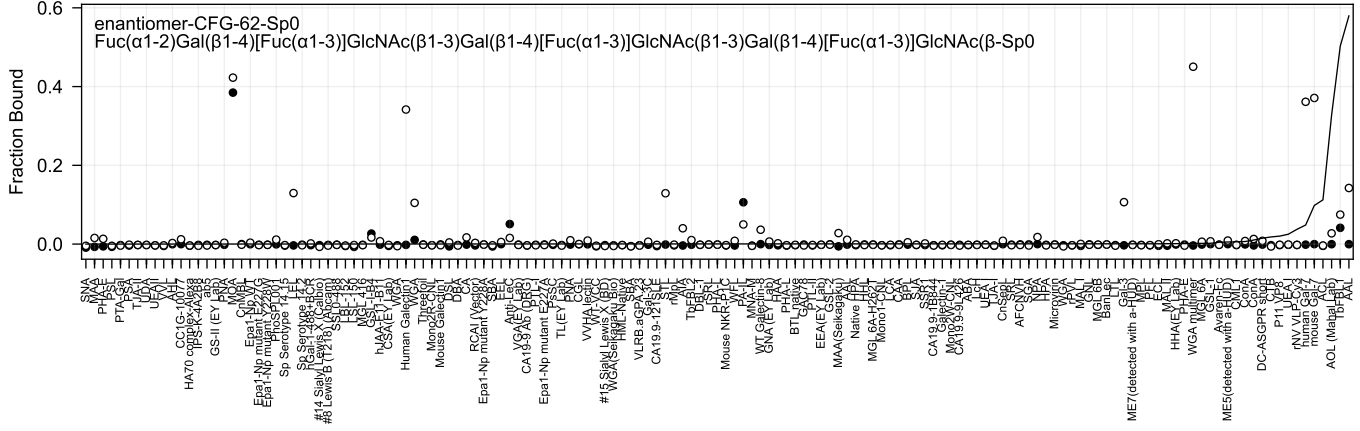

enantiomer-CFG-58-Sp8
Fuc(α1-2)Gal(β1-3)GlcNAc(β1-3)Gal(β1-4)Glc(β-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
0.4
SNA
SBB
IPS-K-4A2B8
WGA mutmer
HA70 complex
Kappa-9
SSA
SSB-1
SSA
Native-PPA
WFL
UEA-I
UDA
TL(EY
SBA
PNA
PSA
Mono2W-CNL
GSII (EY Lab)
SNA (EY Lab)
Epa1-Np mutant Y228G
Epa1-Np mutant Y228A
Sp Serotype 14-418
MGL 418
#14 Sialyl Lewis x (Calbio)
#15 Sialyl Lewis a (Calbio)
AFCVXL
PHA-L
WT-VCX
WGA
VGA(EY Lab)
SBA
PSA
HHA(EY Lab)
PSL-152
PTA
hJAA-F11-811
GNA
WGA
PDA
WGA
PSL
PSL
Mouse Galectin-1
HPA
PTA
GSL-I-B4
CAA
NPA
PNA
MAL-II
CAA
PTA
MAA
Mono2R-CNL
CLA
CLL-2
Epa1-Np mutant Y228W
GSL-I
DC-ASGPR short
Mouse SIGNR1/CD209
Microvirin
Sp Serotype 14-418
CEMBE
VLRB.aGP-1
CA199-9L426
CA19-9L
CSA(EY Lab)
ME7(detected with a-HUD)
CA19-9 Ab (OncG)
Epa1-Np mutant E227A
TJA-I
TJA-II
Bau-sc
CA19 Ab (Abcam)
EEA(EY Lab)
EEA(EY Lab)
MPA
PHA-E
MAL
Mono2W-CNL
RCA(EY Lab)
hCA19-9 (Abcam)
CA19-9 (Abcam)
GSL-I-A4
UEA-I
UEA-I
MGL 6A-H2B2
STL
SSL-1
SSL-2
WGA
HML-Native
Avarol-FF
UDA
TbFB-1
PTL-I
PTL-II
P11 Vaccine
LSL-150
BTL mutant
CnSep
WGA(Seikagaku)
ME5(detected with a-HUD)
CCTG-0040C
Galectin-7
Galectin-1
Anti-Lua
Anti-Lua
#8 Lewis B (T218) (Abcam)
WT Galectin-3
Human Galectin-1
CML-I
VVHA
PSSL
PSSL
hNV VLP Gal-4
hNV VLP Gal-7
mouse Gal-7
AOL (Marine Lab)
TP-Lab
AAL

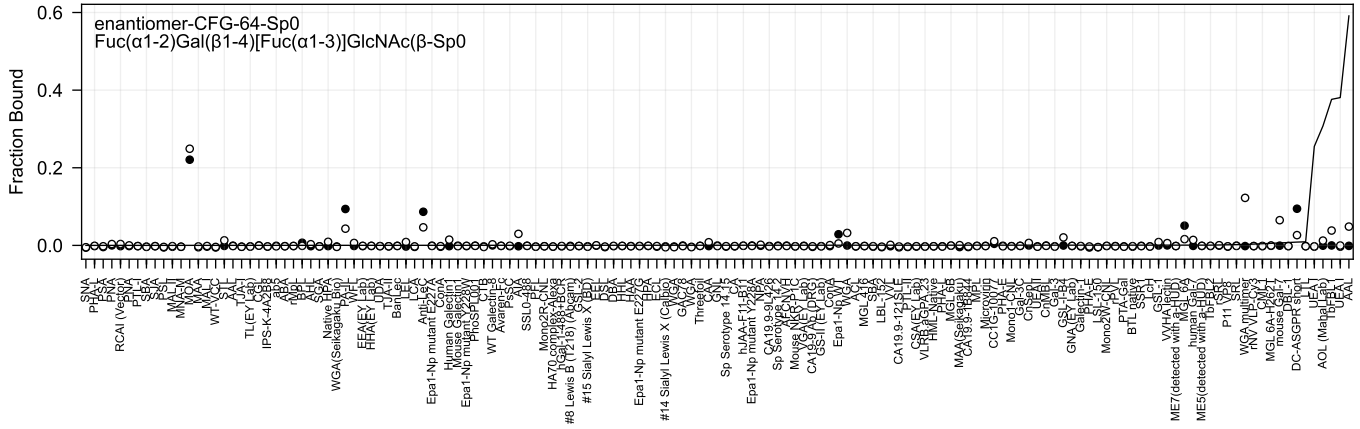

enantiomer-CFG-58-Sp10
Fuc(α1-2)Gal(β1-3)GlcNAc(β1-3)Gal(β1-4)Glc(β-Sp10
Fraction Bound
0.4
0.3
0.2
0.1
0.0
SNA
SNA
JRC1-4A388
CFG-5-4A388
HA70 complex-Alexa
DSL-1
ABL
ABL
WGA(Seikagaku)
BPL
PAL
PAL
VVA
UDA
STL
STL
PNA
RCA I(Vector)
PTA
ABA
Mono2W-CNL
GS-II(E.Lab)
Epa1-Np mutant E222A
Epa1-Np mutant E222A
Epa1-Np mutant E222A
GCT18
MGL(Calbio)
#14 Sialyl Lewis x (Calbio)
HMC-RNVP8
SSL1-188
SSL1-188
WTA
WGA
SJA
SJA
SNA
SNA
PHA-L
PHA-L
HHA(EY Lab)
GNA(EY Lab)
EEA(EY Lab)
hAA-1
PHA-E
PHA-E
MAA(Seikagaku)
Mouse Galectin-1
WFL
WFL
WGA
Mouse NRP-1 Fc
AAL
AAL
GSL-I
GNL
GNL
HPA
HPA
Mono2R-CNL
MAA
MAA
PHA-E
PHA-E
MAL-I
MAL-I
NPA
NPA
CA19.9-12
SBA
SBA
Epa1-Np WT
Sp Serotype 14-2
Sp Serotype 14-2
Epa1-Np mutant E222A
Epa1-Np mutant E222A
WGA(Vector)
LTA(EY Lab)
VL-RBA(EY Lab)
Mono1-CNL
CGL
CGL
BoBL-I
BoBL-I
MGL 6A-2B2
MGL 6A-2B2
CA19-9 Ab (DRG)
#15 Sialyl Lewis a (Calbio)
LEA(EY Lab)
GSL-I
MNA
MNA
Epa1-Np mutant E222A
VGA(EY Lab)
ACL
ACL
PSA
PSA
Avarol-CNL
CSA(EY Lab)
CA19.9-1B244
P11
MDA
MDA
OSA
OSA
hGal-1-488
SBA
SBA
MGL
PEA
PEA
Native-LPA
PNA
PNA
ECL
ECL
MAL-I
MAL-I
TKA
UEA-I
UEA-I
WGA
GSL(Vector)
LSL
LSSR
LSL
DC-ASGPR short
PVL
PVL
CC1(Calbio)
CC1(Calbio)
ME7(detected with a-HUD)
ME5(detected with a-HUD)
LTA
Galectin-1
Galectin-1
#8 Lewis B (T219)(Abcam)
WT Galectin-1
CTB
CTB
AntiGal-1
AntiGal-1
Human Galectin-1
WLL
WLL
EEL
EEL
PSA
PSA
rNV VLP
SYA
SYA
TUYA Galectin-7
TUYA Galectin-7
mouse Galectin-7
mouse Galectin-7
AOL (Matrix Biol)
hPL
hPL
AAL

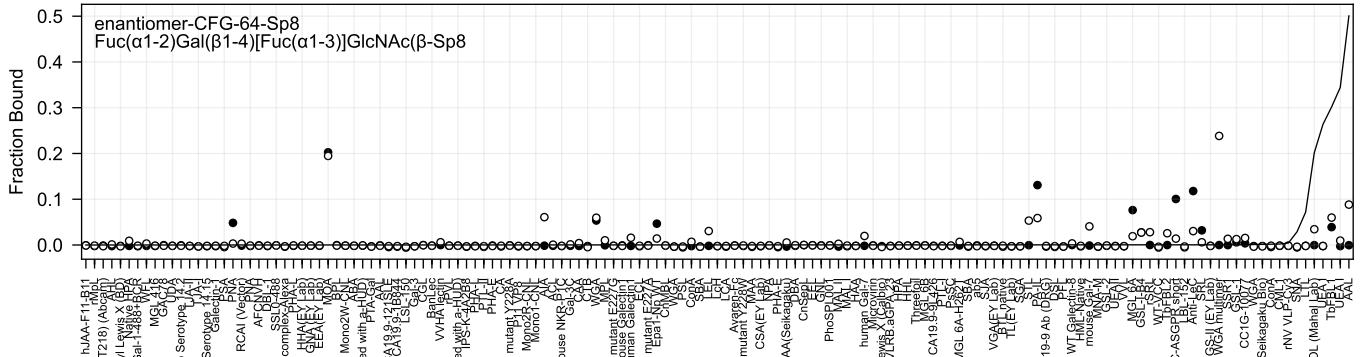

enantiomer-CFG-60-Sp0
Fuc(α1-2)Gal(β1-3)GlcNAc(β-Sp0
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
TJA-I
TL(EY Lab)
Sp Serotype 4 13
EEA(EY Lab)
SBA
CAA
HHA(EY Lab)
VVL
PHA-L
PHA-E
MAL
Microvirin
PNA
MAL-I
PNA
PA-IL
WGA(Seikagaku Corp)
CA19-9 Ab
ABA
CSA
CSL
WGA-416
WGA-Alexa
HA70 complex
Mono2(EY Lab)
GNL
GC-C
SSA
SSBT
AIL
GS-II (EY Lab)
Native HPA
NPA
IPS-K-4A2B8
CA19-9 Ab (ORG)
Mono1 (EY Lab)
AAL
Threonin
Epa1-Np mutant Y292
KRGA
WFA
Mouse Galectin-1
LBA
ECL
Epa1-Np mutant E292A
Epa1-Np mutant
PCA
FCA
Mono2R-CONC
GSL-I-B4
GNA-M
LPA
ECA
VLRB.aGPC.3
DBA
Avarep-EC
Bauhinia
MGL-1
PSL
#14 Sialyl Lewis X (CHO-L1)
Epa1-Np mutant Y292A
AIA
VG-NRA
Mouse NRA
BPL
UEA-I
UDA
GNA (EY Lab)
PSA
CA19.9-1 Ab22
SSL-188
GNA
PhoSL
Epa1-Np mutant
#13 Sialyl Lewis X (BIO)
NAA(Seikagaku Corp)
PNA
HML-Native
AAL
SNA
RCAI (Vector)
VCA
TFA
PTA
PTA-Gal
hJAA-F11-337
MGL-1A
Sp Serotype 4 2
ME7(detected with a HUD)
MGL-6A (2-2)
CMLL1
CA19.9-12(SLe)
CC-49
WT-VOC
SSL
Galectin-8
BTL-native
P11
VIA
PHA-L
Galectin-1
Galectin-3
DC-ASGPR-Sept
CTB
#8 Lewis B (T218) (Atto)
Galectin-9
SNA
UEA-I
Human Galectin-1
CML-1
VVHA(EY Lab)
mouse Galectin-7
NVH
Xcc-LPS
mouse Galectin-1
AOL (Mahal Lab)
AAL

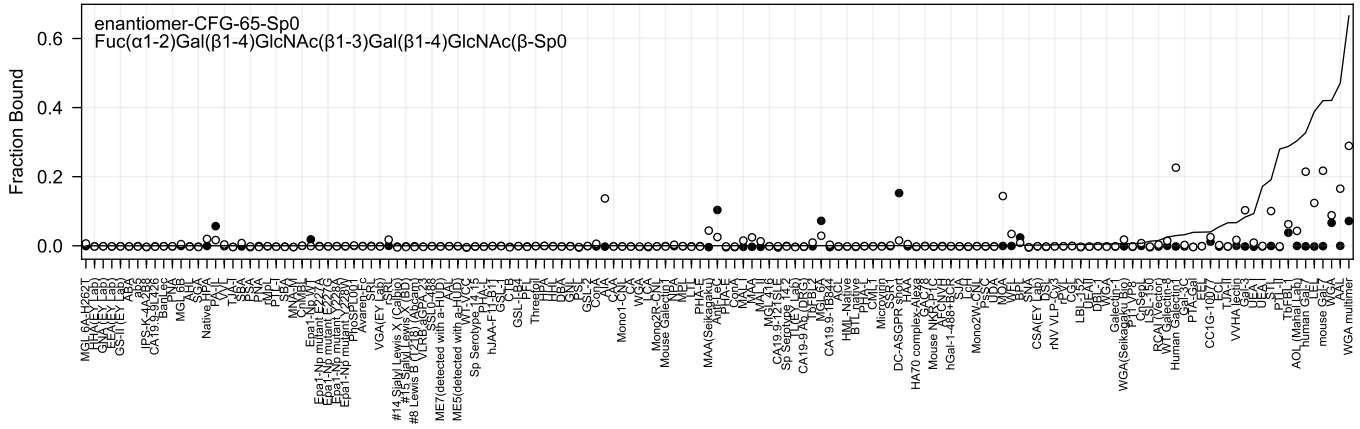

enantiomer-CFG-60-Sp8
Fuc(α1-2)Gal(β1-3)GlcNAc(β-Sp8
Fraction Bound
0.3
0.2
0.1
0.0
SNA
SNA
ABA
JFS-K-40
CA19-9-Q28
CA19-9-Q68
GalC3
GalC4
HA70 complex-Alexa
DSL
WGA
ECL
SBA
Native-PGA
PNA
AAL
VVL
UDA
TL(EY Lab)
STL
SJA
Mono2W-CBL
BPL
GSII (EY Lab)
EEA(EY Lab)
CA19-9
Epa1-Np mutant-Q
Epa1-Np mutant-D
CA19-9
Avarol
PscC
BTL
hGal-1-488
#15 SialylLewis B(TBD)
HML-488
LSL-488
AAL
MNA-M
MNA-N
SJA
SRA
SBA
HHA(EY Lab)
GNA(EY Lab)
SSL-488
PNA
MGL 6A-H-Q18
PNA
CGB
CGA
Mouse Galectin1
WGA
SJA
HPA
MPA
MPL
PE
PS
CA
CSL
CGN
GSL-IB4
GSL-I
GSL-2
PTL-I
LEL
LEA
UEA-I
PTA-II
MAL
MSL
MAA
SNA
Galectin-3
BTA
BTA-II
Epa1-Np mutant-E227A
Epa1-Np mutant-Y226W
Sp Serotype 14-1
Epa1-Np mutant-Y226W
Microvirin
MAA(Sigma-Kaki)
VLRB.a-Q22
VLRB.a-Q22
Epa1-Np mutant-E227A
CA19-9-1-27SLE
ME5(detected with a-HPD)
Mono2R-CBL
Mono2L-CBL
CA19.9-TB844
PTL-II
CA
Sp Serotype 14-1
CSA(EY Lab)
PSA
MGL 6B
PHA-E
PHA-L
TJA-I
TJA-II
AFCONA
Mouse AFCONA
#14 SialylLewis X(Calbio)
CC1Gal (092)
VGA(EY Lab)
ME7(detected with a-SUD)
SSsR
RCA(Vector)
MGL-488
PHA-E
PHA-L
WT Galectin-8
Mono1-CBL
CHSapk
Galectin-1
hAGFR-Fc-B11
DC-SIGN-Fc-D3
WGA(Seikagaku Biol)
WGA-multimer
Human Galectin7
VFA(EY Lab)
CMA(EY Lab)
VVHA lectin
NVVH-Q-3
#8 Lewis B (T218) Alexa
mouse Gal-7
AOL (Matal Lab)
AAL

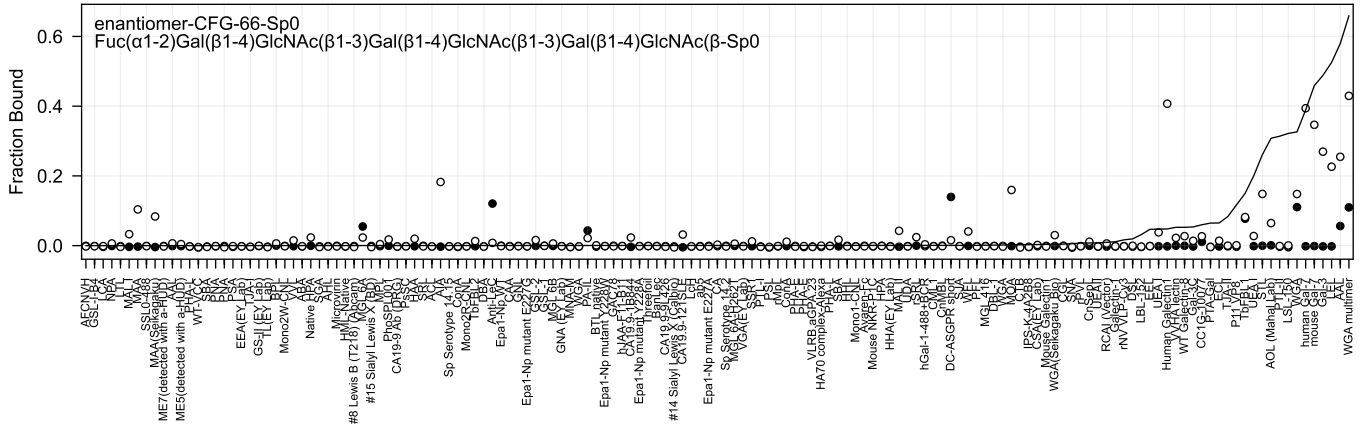

enantiomer-CFG-61-Sp0
Fuc(α1-2)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-3)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β-Sp0
Fraction Bound
0.6
0.4
0.2
0.0
SNA
SGA
VRA
VRB
#8 Lewis B (1216) (ADP)
APA
PWM
UEA I
UDA
TL(LEY
ABA
T-ALT
SBA
PNA
PTA
PTL-I
PTA-Gal
TJA-I
TJA-II
MOM
ME7(detected with a-H (ID))
BPL-I
BPL-II
GNA(EY Lab)
GNA(EY Lab)
GEA(EY Lab)
GS-II (EY Lab)
SBA
ABA
SVA
SVA
VFSA(EY Lab)
CA19.9-1-428
CA19.9-1-429
CA19.9-1-430
MOA
wTeVcKe
ME5(detected with a-H (ID))
PNA
BPL-I
BPL-II
MAL-I
PNA
CNL
Mono1-CNL
WonGalectin3
WonGalectin8
PhoSGP
PhoSGP
PFL
VGA
VGA
VGA
Epa1-Np mutant Y222
Mouse Galectin7
GNL
ZAA
ZAA
Threo(ol)
MAA
AmCyanX
Nbk
Epa1-Np mutant E227G
LEL
LEL
LCA
GSL I-A4
CSA(EY Lab)
HPA
HPA
Sp Serotype 14-19
Epa1-Np mutant Y222F
Epa1-Np mutant Y222A
Mono2-CNL
#14 Sialyl Lewis X (W)
Epa1-Np H-mut
Mouse NKR-CNL
NKR-CNL
CGL
NGA(1-488+BCR)
MAA (Sambucus nigra)
VVA(Helix lucorum)
Galectin-1
CA19-9 Ab (PDAC)
Native PHA
Native PHA
#15 Sialyl Lewis X (LB)
HA(H3 complex+Alexa)
Sp Serotype 38
MGL 6A-H-227A
Epa1-Np mutant E227A
CA19.9-1-PTSL-E
humpa Sialyl-T
AP-Sialyl-T
GSL I-B4
CC1G-10077
MGL-1C
Gal-3C
CMBL
CA19.9
LsL-199
MGL-2A
MAL-I
HML-Native
BTL-native
hJAA-F11-1-B-1
UEA I
SSA(EY Lab)
SBL
DBA
RCA I (Ricinus communis)
WGA(Sclerotium rolfsii)
GS-II
PAL
WGA(Avarren-Fc
Human Galectin1
mouse Galectin1
DC-ASGPR-SNP1
PTA
PJ1VPa
nVV VLEA
LEA
AGL
AOL (Marbh-PBD)
TP-PBD
AAL

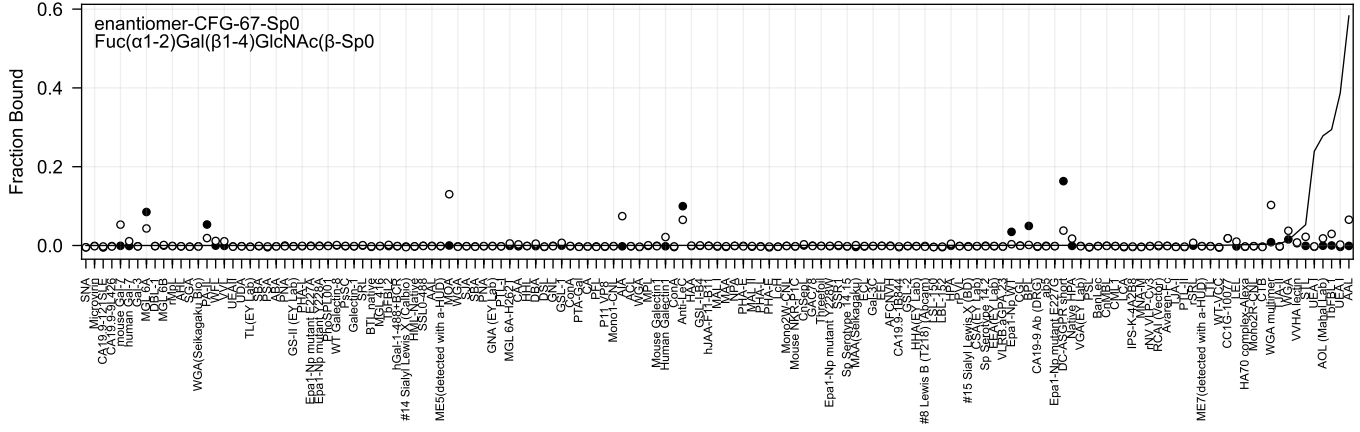

enantiomer-CFG-62-Sp0
Fuc(α1-2)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-3)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-3)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β-Sp0
Fraction Bound
0.6
0.4
0.2
0.0
SNA
NAE
PNA
BAE
PTA-Gal
TEL
UDA
UEA
VVL
CC1G-0047
HA70 complex-Alexa
IPSR-4-Alexa
GS-II (EY
PHA
MOA
SNA
Epa1-Np mutant E227G
Epa1-Np mutant E227Q
Epa1-Np mutant S228G
Sp Serotype 14 15
Sp Serotype 14 2
#14 Sialyl-Lewis X (IgM)
#8 Lewis B (T1219) (Kitagawa)
Sp Serotype 14 3
Sp Serotype 14 3-Alpha
Sp Serotype 14 6-Alpha
CSL-156
MSL-156
CSL-184
GSL-184
hMAA(EY
VGA
Human Galectin-7
WGA
Tricho(N)
Mouse Galectin-1
DBA
CA
RCA(Vector)
Epa1-Np mutant Y228A
SBA
Arp-Lac
VGA(Lac)
CA19-9 A5 (DRG)
Epa1-Np mutant E227A
FscC
TL(EY
PNA
CGL
VVHA-Vector
VVHA-Lewis X (IgD)
#15 Sialyl-Lewis X (IgD)
VVGA(Sialyl-Lewis X)
HMM-Native
VLRB.aGPA.G3
CA19.9-12B5
CA19.9-12B5-E
STL
MAL
TxB-L2
DSL
ISL
Mouse NKR-P1C
WFL
MAL-N
WT Galectin-3
CNA(EY
PAA
PHA-L
BTL
PHA-E
GNL
EEA(EY
GSL-2
MAA(Seikagaku)
ABA
Native PHA
MGL
6A-1-2B7
Monoclonal
PCA
GSA
SJA
SSA
CA19.9-RB44
Galectin-1
Mouse Galectin-1
CA19.9-9-28
ABA
UEA-I
LEA
CnSepl
AFGN
AFGN-H
SGA
NPA
MPA
Microwort
IPA
MGL
MGL-GB
Bandeiraea
ME7(detected with a-Galactosyl)
MEL
ECL
EEL
MAL-II
HHA(EY
PHA-E
WGA (Wheat)
WGA
GSL-1
ME5(detected with a-Galactosyl)
Arara
Arara (UD)
CML1
CML2
ConA
DC-ASGPR sol
P11
YE8
nNV VLP-C4
human Galectin-7
mouse Galectin-7
ACL
AOL (Mabs-BD)
TF-PBD
AAL

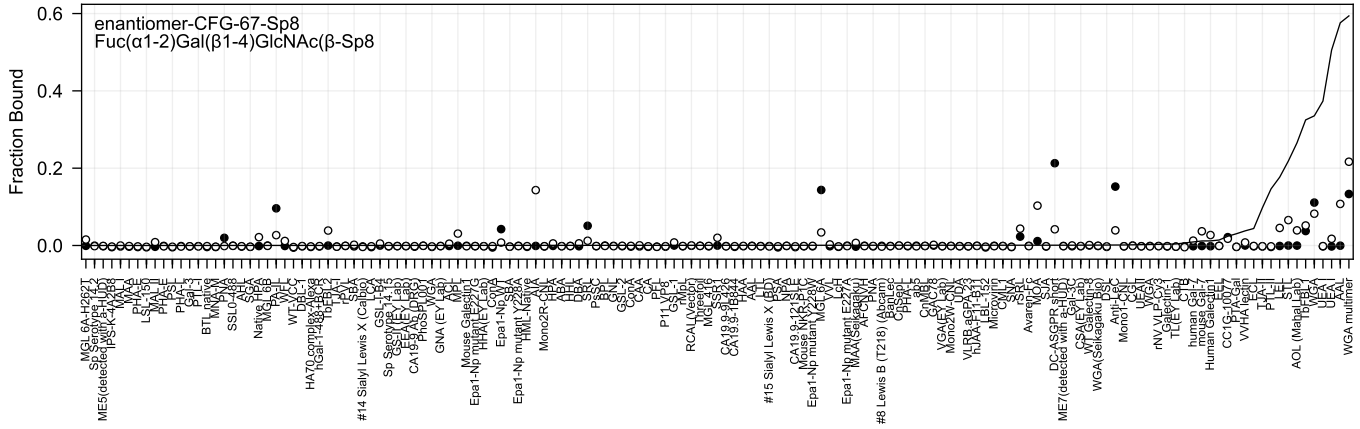

enantiomer-CFG-64-Sp0
Fuc(α1-2)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β-Sp0
Fraction Bound
0.6
0.4
0.2
0.0
SNA
PNA
PSA
RCAI (Vector)
PTA
PNA
SBA
PSL
MNA-M
MNA-N
MOA
MAA
WT-CCF
SAL
TL(EY Lab)
CGL
IPS-K-4-Pa38
ABA
ABA
BPL
SJA
WGA(Seikagaku)
Native
EPA
PHA-E
WFL
EEA(EY Lab)
HHA(EY Lab)
UEA-I
TxLCII
BanLec
LCA
Ape-Pa
ConA
Epa1-Np mutant E225A
Human Galectin-1
Mouse Galectin-1
Epa1-Np mutant S228W
Human Galectin-3
ProSP-C
CTB
WT Galectin-8
Galectin-8
PcSS
SSL0-198
Mono2R-CNL
HA70 complex
#8 Lewis B (CA19-9) (Abbott)
CSL2
#15 Sialyl Lewis X
EEL
DSL
FRL
HPA
Epa1-Np mutant E225G
EPA
#14 Sialyl Lewis X (Calbiochem)
AXG
GNA
WGA
Threonin
Sp Serotype 14 CPS
Sp Serotype 1 CPS
Epa1-Np mutant Y228A
hJAA-F11 Fab
CA19.9-sialyl-172
Sp Serotype 4 CPS
Mouse NKS-1 (Fab)
CA19.9-sialyl-116
GSA1 (YE Lab)
ConA
Epa1-Np
WGA
MGL 416
LBL
SBA
VVL
CA19.9-12
SLE
GSA(EY Lab)
VLL
HMA(Seikagaku)
MGL-6E
MAA(Seikagaku)
CA19.9-116
RCA
Microvirin
CCTA
PHA-E
Mono2a-CNL
CrSerpin
CrMBL
GSL-Gal3
GNA(EY Lab)
Galectin-1
BPL
Mono2W-CNL
PSL-Gal
PTA-Gal
BTL
SSA(EY Lab)
GSL-1
WHA(Lectin Tech)
MGL 93
Human Galectin-7
ME5(detected with Fab)
TcBEP
SRL
P11
VSL
WGA-VLL-Cy3
rNV VLP-Cy3
MGL 6A-Fab
mouse Galectin-7
DC-ASGPR short
LEA-1
AOL (Mabtech)
TcBEP
OFA-1
AAL

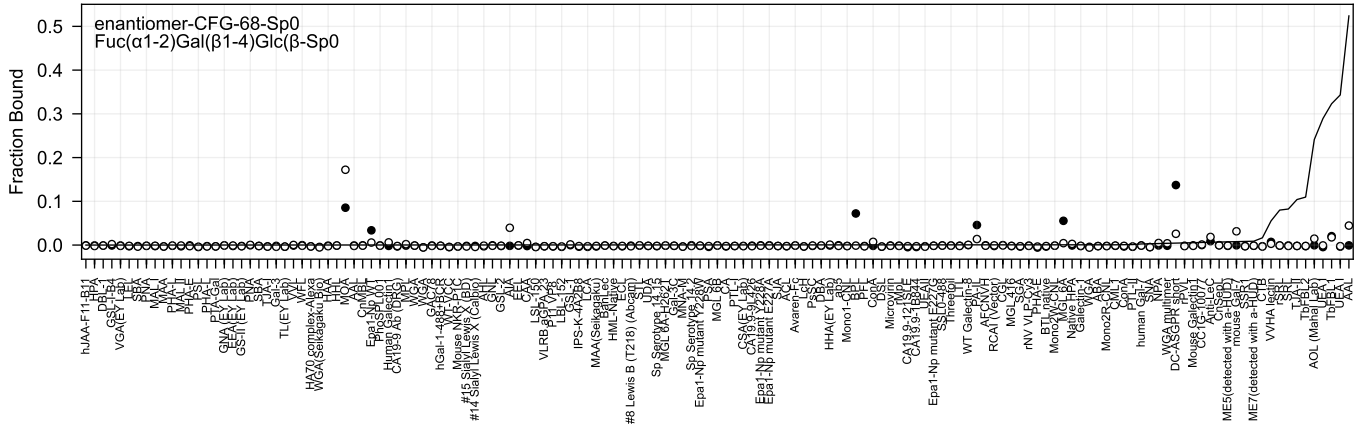

enantiomer-CFG-64-Sp8
Fuc(α1-2)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
hJAA-F11 B11
Hom
#8 Lewis B (T218) (Abcam)
#15 Sialyl Lewis X (BD)
hGal-1 (Lab)
WFL
MGL 6A-H2
GNA
UDA
Sp Serotype 1 (J-1)
Sp Serotype 14 (J-1)
Galectin-1
PNA
RCAI (Vector)
AFL
SSL(Tsai)
HA70 complex (Lab)
HHA(EY Lab)
ELA(EY Lab)
Mono2W-CNL
ME5(detected with a-HUD)
PTA-Gal
CA19.9-121
CA19.9-B744
LSL
Gal-3
nGal
Bauhinia
VVHA lectin
ME7(detected with a-HUD)
IPSK-BA289
PTL-I
PHA-E
Epa1-Np mutant T226A
Mono2R-CNL
Mono1-CNL
Mouse NKR
ACL
Gal-1C
CAA
WGA
Epa1-Np mutant E227G
Mouse Galectin1
Human Galectin1
Epa1-Np mutant E227A
CRA
PSL
CapA
TEL
LCA
Avenin
Epa1-Np mutant Y228A
CSA(EY Lab)
PHA-L
MAA(Seikagaku)
CnSepi
GSL
PhoSL
MAL1
MAL2
human Galectin-9
#14 Sialyl Lewis X (Wicomm)
VCRB a-GP(Ozaki)
HPA
Tweeted
CA19.9-G228
PTL-II
MGL 6A-H2
SBA
SJA
VGA(EY Lab)
BTL (native)
TL(EY Lab)
STL
CA19-9 Ab (DRG)
DSL
WT Galectin-8
mMel-Nanog
mouse Galectin-9
MNA-M
DBA
MGV
VVL
GSL-I B4
SSL
WT Galectin-1
DC-ASGPR
PFBL2
LBL-152
Anti-SBC
GSL-II (EY Lab)
WGA mutant
SNA
GSL-I
CC1G-GST
WGA
WGA(Seikagaku)
BOA
PAL1
PAL2
rNV VLP
SNA
AOL (Mahal Lab)
UEA1
Tb
UEA1
AAL

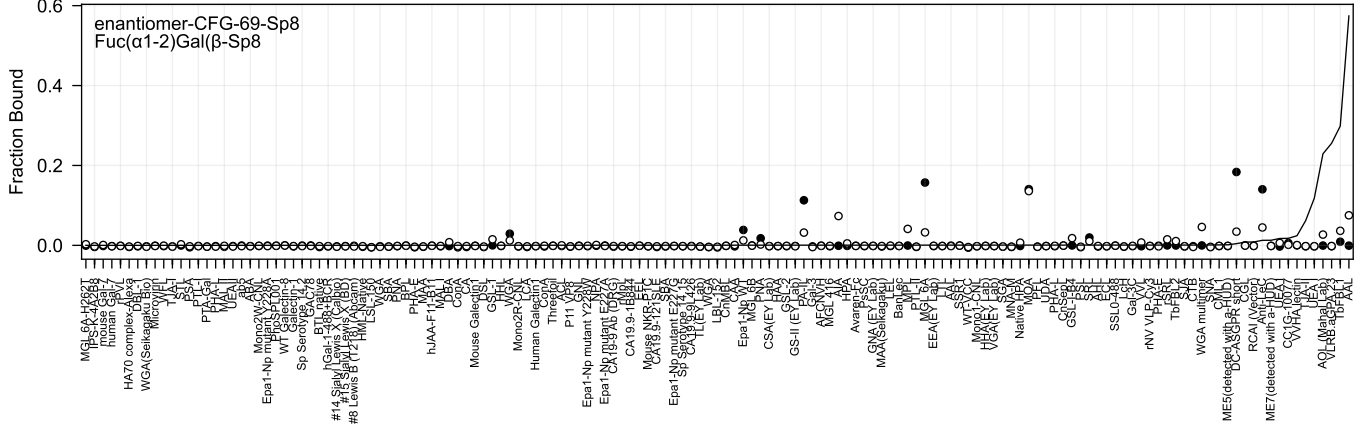

enantiomer-CFG-65-Sp0
Fuc(α1-2)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.0
0.2
0.4
0.6
MGL6A(HPA)
MGL6A(EY Lab)
GNA(EY Lab)
GS-II(EY Lab)
ABA
JFRS-K-AA288
CA19.9-Lac
Bauhinia
MCP
NAE
AIL
Native SPA
PAL
TJA
SBA
SBA
PNA
PNA
PHA-L
SSA
MNA
CNBP
Epa1-Np mutant
Epa1-Np mutant E221G
Epa1-Np mutant Y228G
Epa1-Np mutant Y228G
PhoSL(D)
Pea
SRL
VGA(EY Lab)
#14 Sialyl Lewis X (Calbiochem)
#8 Lewis B (Calbiochem)
ME7(detected with a-HuD)
ME5(detected with a-HuD)
Sp Serotype 1
Sp Serotype 14
hJAA-F
GSL-I
CTB
GSL-IB4
Threobp
LTA
CBA
ORA
ESL
CGA
CAA
CIA
Mono1-CNA
WGA
Mono2R-CKA
Mouse Galectin1
MEL
PHA-E
PHA-L
MAA(Seikagaku)
ACA
PTA-E
PTA-E
CGA
MAA
MAA
MOA
MOA
CA19.9-121 SLE
Sp Serotype 14
CA19-9 Ab (DBS)
MGL6A
MGL6A
CA19.9-TB244
HIM
HIM-Native
BTL
BTL-native
CML1
MicroSSR(7)
DC-ASGPR
STA
HA70 complex
Mouse NKR-P1C
hGal-1-4867
CNH
SJA
Mono2W-CKA
PsSK
MOA
MAL
WFL
SNA
SNA
CSA(EY Lab)
nNV VLP
CGL
LBL
LEA
DSL-1
Galectin-1
WGA(Seikagaku)
PTL
CnSerp
RCA I(Vector)
WT Galectin-9
Human Galectin-9
Gal-3C1
PTA-Gal
CC1G-1007
TEL
TJA-II
VVHA
Jacalin
UEA
UEA I
PPL-1
Tomato
AOL (Mahal Lab)
human Gal-7
mouse Gal-7
WGA
AAL
WGA multimer

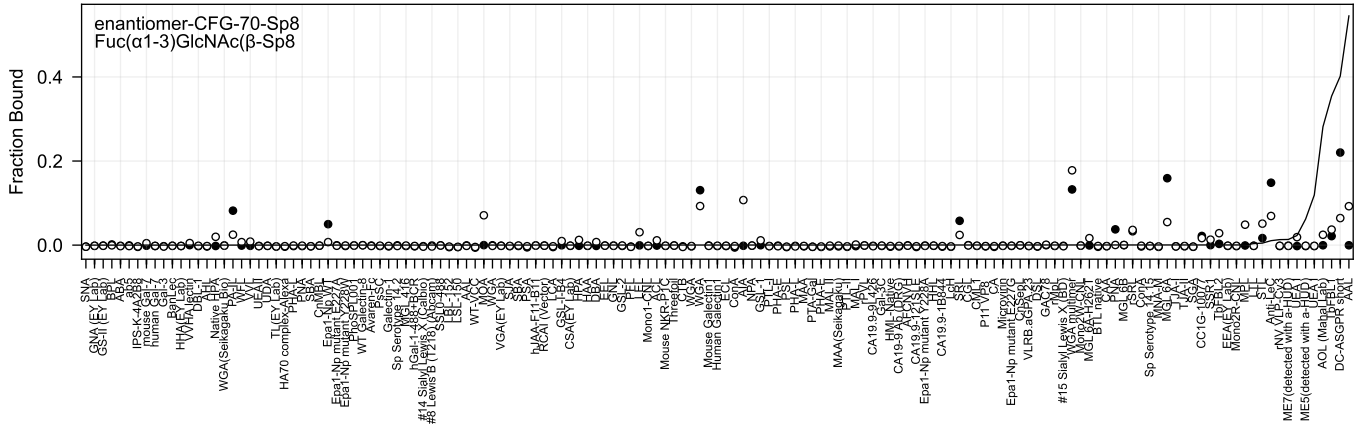

enantiomer-CFG-66-Sp0
Fuc(α1-2)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.0
0.2
0.4
0.6
AFCN VH
CSL-1 B4
NCA
NPL
MAL
SSL-1 B8
MAA(SSL-1 B48)
ME7(detected with anti-PrPc)
ME5(detected with anti-PrPc)
ACL
PTA-1
WFL
SGA
BNA
PSA
PSA
EEA(EY Lab)
GSII(EY Lab)
TL(EY Lab)
BPL
Mono2W-CNT
ABA
SBA
ANL
Mice Ig
HM-Native
#8 Lewis B (T218) (Acam)
#15 Sialyl Lewis X (Bio)
MOR
PhoSPL (PRG)
CA19-9 Ab (PRG)
FTA
SJA
SBL
Sp Serotype 4 CPS
Mono2S-CNT
Mono2S-CNT
TD
DBA
Epa1-Np 167
Epa1-Np mutant E227G
CAA
GSII-1
GSII-1
GNA (MAA)
MOR Bd
TKA(MAA)
PGA
BTL-native
Epa1-Np mutant G222V
BTL-native
bJAA-1 (B1)
Epa1-Np mutant Y228A
Threefoil
CA19.9-Ab
CA19.9-Ab (PRG)
#14 Sialyl Lewis X (PRG)
LCA
LEL
Epa1-Np mutant E227A
Sp Serotype 12-2
MGL(EY Lab)
VGA(EY Lab)
PNA
PTL
MPL
CAA
CAA-E
BTA-E
VLRB.a complex-Alexa
HA70 complex-Alexa
PSA
BJA
BJL
Mono1S-CNT
Mouse NKR-P1C
HHA(EY Lab)
MOR
MOA
SRL
hGal-1-488
CNT
DC-ASGPR-Sp0
SJA
SGA
WFL
MGL-1-19
DVL
WGA
MOA
IPS-K-4A288
CSL-1-488
Mouse Galectin
WGA(Seikagaku Bio)
SNA
SNA
Cnp
PEAII
RCA I(VECTOR)
nNVLP Gal-3
LBL-1B2
UEA I
Human Galectin1
WT Galectin8
CC1G Galectin7
PTA-Gal
TJA-I
TJA-II
P11-488
TD
UEA I
Lsp
AOL (Mana) Lsp
LTL
LSL
WGA
human Gal-7
mouse Gal-7
Gal-3
AAL
WGA multimer

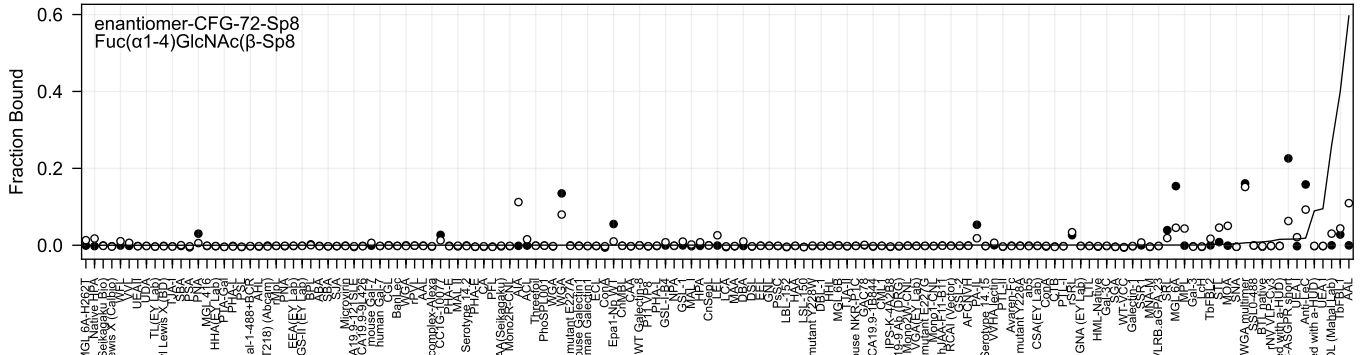

enantiomer-CFG-67-Sp0
Fuc(α1-2)Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.0
0.2
0.4
0.6
SNA
Microvin
CA19-9 (SLe)
CA19-9 (Lewis a)
mouse Gal-7
human Gal-7
MGL 6A
MGL 6B
MGL 6C
WGA
SGA
UEA I
UEA II
UDA
TL(EY)
ABA
SBA
PNA
GS-II (EY)
ECA
Epa1-Np mutant E227A
Epa1-Np mutant E227G
PhoSL(Dol)
WT Galectin-8
PsaSC8
Galectin-1
BTL
BTL-native
MGL 6E
MGL 6F
hGal-1-488-BCS
#14 Sialyl Lewis X (Sp)
PAL (Native)
SSLL-488
ME5(detected with a-HRP)
WGA
SAA
PNA
GNA (EY Lab)
MGL 6A-F227T
HIA
DBA
GNL
Galectin-3
PTA-Gal
PSL
PE
P11-Lectin
Mono1-Lectin
ZAA
WGA
MPL
Mouse Galectin-1
Human Galectin-1
AmCyte
HGA
GSL I-B4
hJAA-P11-B11
MAA
NPA
PNA
PHA-L
PHA-E
LCA
Mono2K-PC-Lec
Mouse Galectin-7
CoSeq
Epa1-Np mutant Y228V
Tuberin
Epa1-Np mutant Y228H
Sp Sacrolyse 14-15
MAA(Seikagaku)
Galectin-3C
AFP
CA19-9 (BBS)
HHA(EY Lab)
#8 Lewis B (T216) (Sp)
Sialyl-Tn
LBL-PE
LBL-PC
#15 Sialyl Lewis Y (Sp)
Lewis Y (Sp)
LEB-aGPA-488
Epa1-Np OVT
BSL
CA19-9 Ab (DAKO)
Epa1-Np mutant E227G
DC-SIGN (Native)
Native HPA
VGA(EY Lab)
Banlec
COMT
IPS-K-4-2-2-8
RNA V (Vector)
RCA V (Vector)
Avarum-Lec
PTL-II
ME7(detected with a-HRP)
WT-Lectin
CC1G-10027
HA70 complex-AGEL
Mono2R-488
WGA mutant
VAC-II
VVHA lectin
LEA
LEA I
AOL (Mabel Lab)
TCA
UEA I
AAL

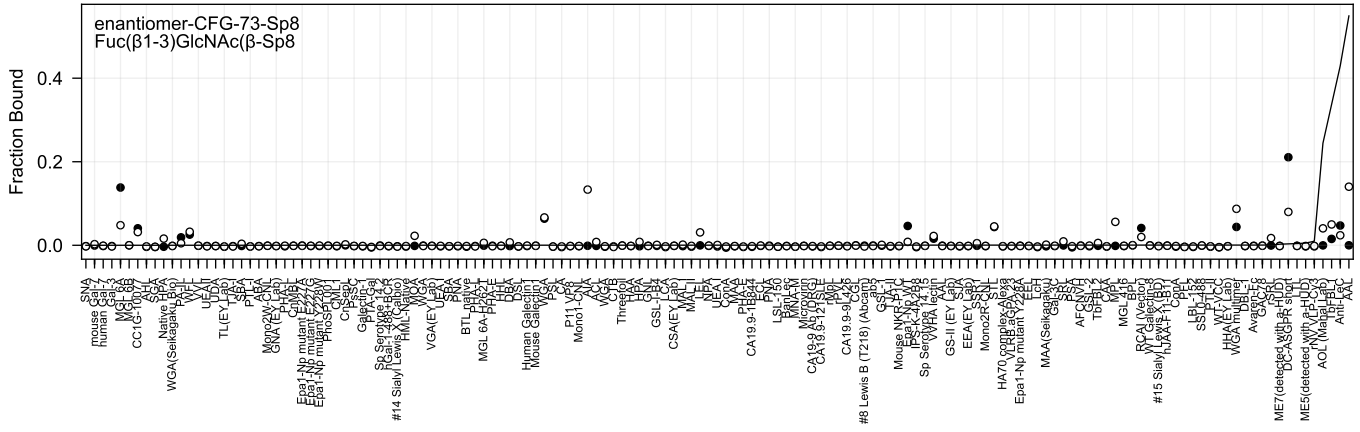

enantiomer-CFG-67-Sp8
Fuc(α1-2)Gal(β1-4)GlcNAc(β-Sp8
Fraction Bound
0.6
0.4
0.2
0.0
MGL 64-H2P2
Sp Sarcoma
ME5(detected with Gal-3)
IPS-4-4-1-1-1-1-2
KAT
MVA
PNA
LSL-1-1-0
PHA-E
PSL
Gal-3
BTL
Jacalin
MAA
SSL0-48
SJA
Native PGA
MGA
PAA
WFL
DSL-1
HA70(detected with Gal-3)
rGal-1 (Gal-1)
rGal-3 (Gal-3)
rGal-8 (Gal-8)
rGal-9 (Gal-9)
IDEB-2
PAY
SBA
LCA
#14 Sialyl Lewis X (Carb)
GSL-I-B4
Sp Sarcoma
GSL-I (EY Lab)
CA15-3 Ab (DRG)
PhoSL
WGA
GNA (EY Lab)
MPL
Mouse Galectin-1
Epa1-Np mutant Y
THRA(EY Lab)
Epa1-Con A
Epa1-Np mutant Y
SBA
KAT (Native)
Mono2R-CRA
HPA
RCA
DBA
PSA
PSC
BNL
GSL-X
COA
GAL
PCA
P11-VF-8
GNL-1
RCA(Vector)
MGL-2-18
MGL-2-19
CA19.9-1
CA19.9-1B244
AAL
AAA
#15 Sialyl Lewis X (EDT)
ESA
CA19.9-121
Mouse NK3-Fc
Epa1-Np mutant
MGL-2-9A
VVA
Epa1-Np mutant E227A
MAA(Sialyl)
NNA
#8 Lewis B (T218) (Abs)
Bauhinia
CPA
ABP
Con A
VGA(EY Lab)
Monoclonal
UDA
VLTA
VLTA-sgpT-B11
hLDA-sgpT-B11
LBL-1-2
Microcystin
CVN
SNA
ACA
Avarol-FE
WGA
DCA
DC-ASGPR s(pol)
ME7(detected with Gal-3)
Gal-3C
VP-Galectin-1
WGA(Seikagaku Bio)
Anti-Lex
Mono1-CSL
UEA-II
UEA-I
rNV-VLP-VP3
Galectin-1
TLEY (Gal-1)
CTB
human Gal-7
mouse Gal-7
Human Galectin-1
CC1G-0057
PTA
VVHA-A-Gal
EPL
PVL
TEL
AOL (Mabel Lab)
IBA-1
UEA-I
AAL
WGA multimer

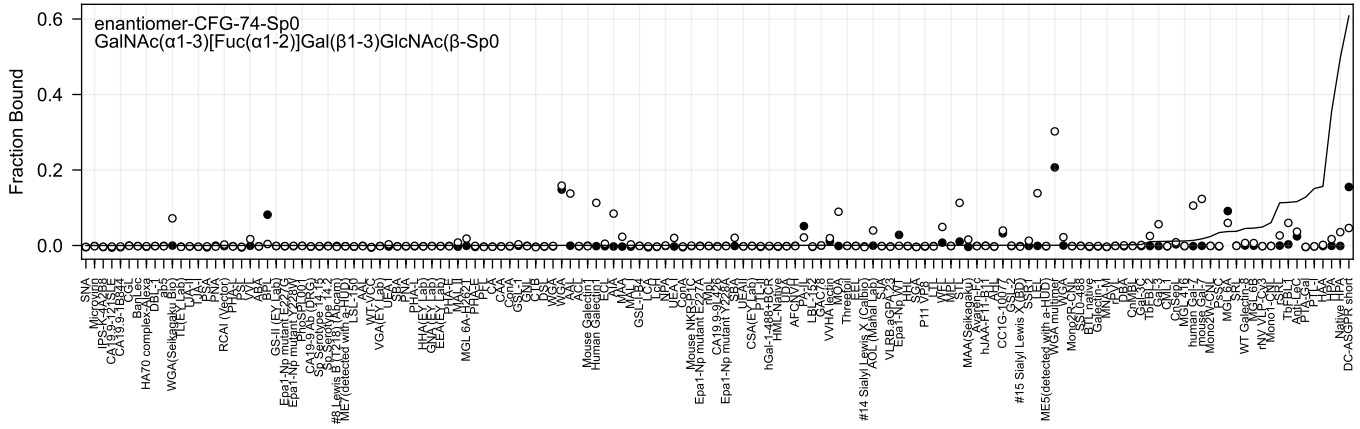

enantiomer-CFG-68-Sp0
Fuc(α1-2)Gal(β1-4)Glc(β-Sp0
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
hJAA-F11
RPA
PNA
DBA
Galectin-1
GSL-I (B4)
VGA(EY Lab)
SBA
SEA
BPL
WGA
ACA
PHA-L
PHA-E
RCA-I
PTA
PTA-Gal
GNA (EY Lab)
ECA (EY Lab)
GS-II (EY Lab)
PWM
SJA
Galectin-3
SNA
TL(EY Lab)
VVL
HA70 complex
WGA(Sigma/Lectinex)
UEA-I
MOA
MAL
CVN
Epa1-Np WT
Human Galectin-1
CA1939 Ab (DSL)
WGA
VGA
GNA
hGal-1-488-BCB
Mouse NKR-P1C
#45 Sialyl Lewis X (Lab)
#14 Sialyl Lewis X (Lab)
AIA
ABL
GSL-II
ZAA
CAA
LSA
LSL
VLRB.a.38
PTL-II
LBA
SSL-7
IPS-K-4A2B8
MAA(Seikagaku)
HMA
Bauhinia
EAC
#8 Lewis B (T218) (Abcam)
ECL
Sp Serotype 14
MGL DA-1262-1
Sp Serotype 1
Sp Serotype 19A
Epa1-Np mutant Y2-F3A
PSA
MGL DB
PTL-I
CSA(EY Lab)
CA19.9 (Lab)
Epa1-Np mutant E229A
Epa1-Np mutant E229A
SJA
Avarol
PCH
PSL
PBA
HHA(EY Lab)
Mono1-488
BEL
BFL
CGA
Microvirin
CA19.9-12
CA19.9-1
Epa1-Np mutant E229Q
SSL7-488
Threonin
WT Galectin-3
AFCNVH
RCA I (Vector)
CGV
MGL-488
rNV VLP-Cy3
BTL
Mono2-488
Naive HPA
Galectin-1
Mono2R-488
CML
PCL
human Gal-1
NPA
VVA
DC-ASGPR (human)
SPVT
Mouse Galectin-1
CC8 Ab
Anti-Lec
ME5(detected with a-TUD)
mouse Sialyl
ME7(detected with a-TUD)
VVHA lectin
SSL
SSL1
TJA-I
Tbp
UEA-1
AOL (Mah)
UEA-I
AAL

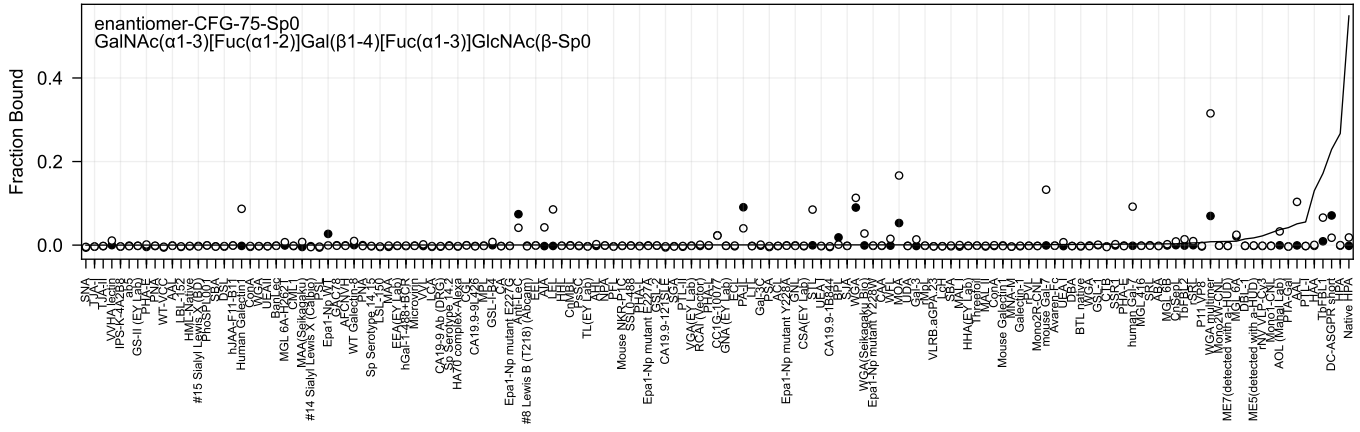

enantiomer-CFG-69-Sp8
Fuc(α1-2)Gal(β-Sp8
Fraction Bound
0.6
0.4
0.2
0.0
MGL-64 (H292)
PNA
mouse Gal-7
human Gal-7
SPV
HA70 complex
WGA(Seikagaku Bio)
Micro VIII
SAL
PSA
F-Gal
PTA-I
VEA II
ABA
Mono2V-OSK
Epa1-Np mutant Y2
WT Galectin-1
Galectin-3
Sp Serotype 14
Gal-7a
BTA
hGal-1-488-BCR
#14 Sialyl Lewis X (IBD)
#15 Sialyl Lewis X (IBD)
#8 Lewis B (12 kDa)
HMA(Calbiochem)
LSL-195
VGA
PNA
BPA
PHA-E
hJAA-F1
NPA
MAL I
ABA
CGA
Mouse Galectin-1
DSL
GSL-I
VGA
Mono2R
LCA
Human Galectin-1
Threepoll
P11
VSA
CSN
Epa1-Np mutant Y2
KBA
Epa1-Np mutant F102
CAR (human)
CA19.9-1-488
BEL
Monoe MK-1
STE
CA19.9-1-488
SBA
Epa1-Np mutant E142
SP Serotype 14
CA19.9-1-488
ILLEX
WGA
LBA
hMEC
COA
Epa1-Np WT
MNA
CSA(EY Lab)
PNA
GS-II (EY Lab)
PAL-I
PAL-II
AFCNV1
MGL 410
HPA
Avarrhoea
SSC
GNA (EY Lab)
MAA(Seikagaku)
PEL
Banana
PHA-L
MPL-II
EEA(EY Lab)
AIL
ACL
SSBI
WGA(EY Lab)
Monoc-COX
UDA(EY Lab)
SEA
MNA
Native MAA
MOA
UDA
PNA-I
GSL-IB4
SSL
SSI
AIL
SSLO-488
Gal-3
VCV
nNV VP1
PHA-E
TBF
FBS
SNA
WGA multimer
CTB
ME5(detected with a-CD1D)
DC-ASGPR stalk
RCA (Vector)
ME7(detected with anti-LD1)
CV(HA-lectin)
CC16-488
LEA
LEA II
AOL (Mahal Lab)
VLRB aggregate
BPL
AAL

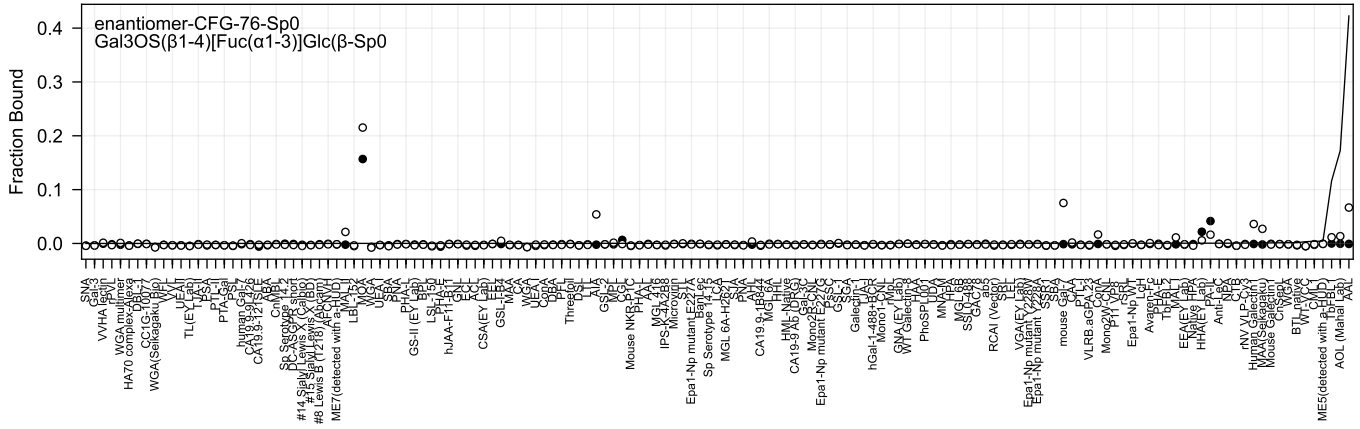

enantiomer-CFG-70-Sp8
Fuc(α1-3)GlcNAc(β-Sp8
Fraction Bound
0.0
0.2
0.4
SNA
GNA (EY Lab)
GS-II (EY Lab)
ABA
IPS-K-4A_488
mouse Gal-7
human Gal-7
Gal-1
DAT
VOA (Bacon)
HHA (Bacon)
Native DBA
WGA(Seikagaku)
PNA
WFL
UEAII
TL(EY Lab)
HA70 complex
Alpha2
PNA
SBA
Cnl
Epa1-Np WT
Epa1-Np mutant E226Q
Epa1-Np mutant E226A
PhaseHD4
WT Elastase
Avarap-Fc
Galectin-1
Sp Serotype 14 F
Gal-1 14 F
hGal-1-488-BCR
#14 Sialyl Lewis X (Scallon)
#3 Lewis B (72.19)
SSP-488
LSL-150
WT AAL
MOA
VGA(EY Lab)
SNA
SSA
BSA
HAA(Vector Lab)
ACA
GSL-I B4
CSA(EY Lab)
HPA
DBA
GSL-I
LEL
Monot - CNL
CNL
Mouse NKR-P1C
Threonine
WGA
WGA
Mouse Galectin1
Human Galectin1
CorA
ConA
NPA
GSL-I
PHAE
PHAL
PHA-E
PHA-L
MAA
PTA
PTA-E
PTA-L
MAA(Seikagaku)
MAL II
MAL-II
MAL
CA19.9-gal 428
HML Native
CA19-9 AB (NY)
CA19.9-1 (2SLE
Epa1-Np mutant Y226A
CA19.9-1B844
SBL
SBL
CML
CML
P11 VPB
Microvirin
Epa1-Np mutant E226G
VLRB.aGP-23
GAC
GAL
#15 Sialyl Lewis X (Bio)
WGA (Vulpine)
MOTA-1 (Cbot)
MOTA-2 (Cbot)
BTL native
PNA
MGL-SBB
ConA
Sp Serotype 14 F
MGL-EA
MGL-EA
T
T
JACAL
CC1G-1 (Gal)
SSA
SSBR-1
TD (EY Lab)
EEA(EY Lab)
Mono2K-488
NSL
NSL
TT
Sec
Anti-PC-5
NV-VLP-GC
ME7(detected with a-HEA)
ME5(detected with a-HEA)
AOL (MalaLab)
DC-ASGPR short
AAL

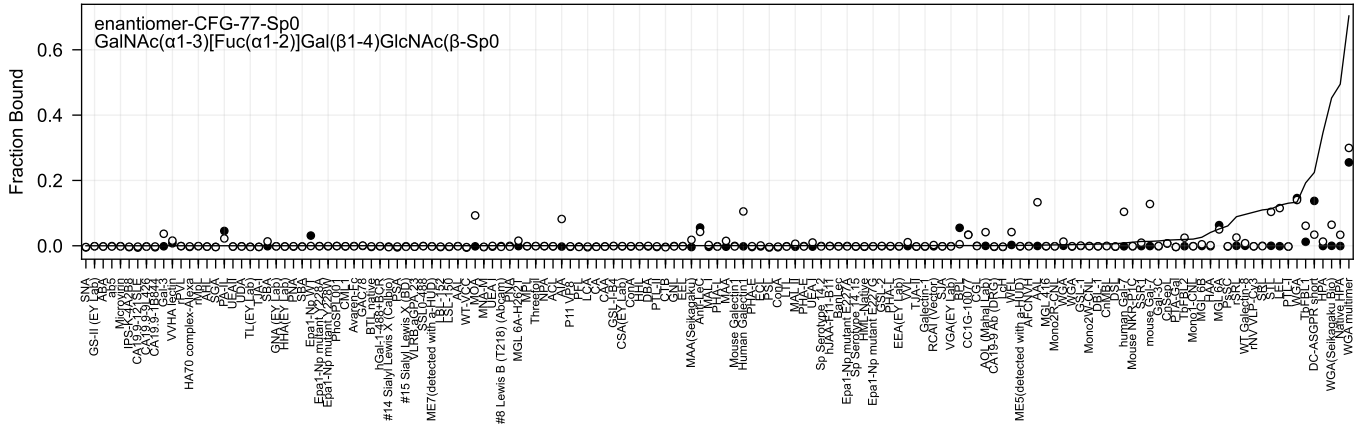

enantiomer-CFG-72-Sp8
Fuc(α1-4)GlcNAc(β-Sp8
Fraction Bound
0.6
0.4
0.2
0.0
MGL 6A-H267
Native PNA
WGA(Seikagaku, Bio)
#14 Sialyl Lewis X (CarbeMe)
WFL
UEA II
UDA
TL (EY Lab)
#15 Sialyl Lewis X (Lab)
SJA
BSA
BSA 416
MGL (EY Lab)
HHA(EY Lab)
PNA
hGal-1-488-PGK
ANL
#8 Lewis B (T218) (Absent)
PNA
BPL
EEA(EY Lab)
GS-II (EY Lab)
BAA
SBA
SBA
Microvirin
CA19.9 (2-3) SLe
mouse Gal-7
human Gal-7
Banlec
PVL
WGA
HA70 complex-A/Sp8
CCL19-10079
MAL II
Sp Serotype 14-2
PCA
PCA
MAA(Seikagaku)
Mono2RCNL
ACL
Thrombin
PhoSL
WGA
WGA
Epa1-Np mutant E229A
Mouse Galectin1
Human Galectin1
ECL
Epa1-Np mutant E229C
CCL
CNL
WT Galectin-8
PNA
PVL
GSL-I B4
GSL-I
GSL-I
MAL I
CnSerp
LEL
LEL
MAA
MAA
DSA
GSL-I
GSL
PSSC
LBL-HA2
Epa1-Np mutant L52-160
DBP-11
DBP-11
HPA
MGL 6A-H267
Mouse NKG2D-Fc
CA19.9-IgG4
IPS-K-4A2B4
CA19.9-A0-IgG2
WGA(EY Lab)
Epa1-Np mutant C52C
WGA(EY Lab)
hAGAT (Wild)
hAGAT (Wild)
GSL-I B4
ArC PAVIN
Sp Serotype 14-15
VVA
ArC-II
Arc(P21)-C
Epa1-Np mutant abs
CSA(EY Lab)
CTB
PCL
GNA (EY Lab)
HML-Native
GNA
WT-VCC
Galectin-3
SSR1
VLRB.a MBA-34
SBK
MGL
MPL
Gal-3
TbFBP
PCL
MGL
SNA
WGA gnu1488
SSL1U488
PVL B304
ME7(detected with B-HDX)
DC-ASGPR-SEA
UEA I
ME5(detected with B-HDX)
Arc-I
UEA I
AOL (Marine Bio)
AAL

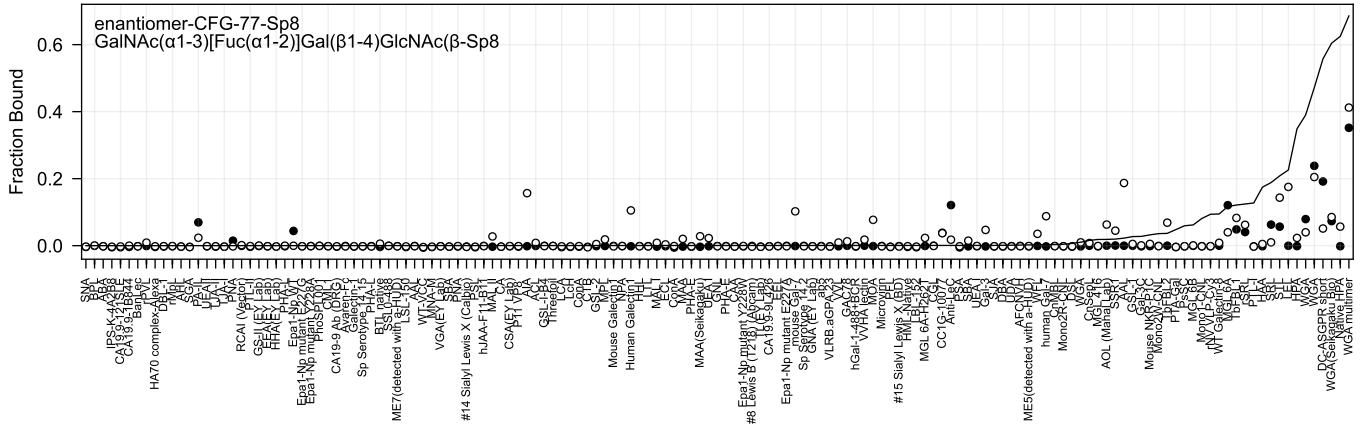

enantiomer-CFG-73-Sp8
Fuc(β1-3)GlcNAc(β-Sp8
Fraction Bound
0.0
0.2
0.4
SNA
mouse Gal-7
human Gal-7
MGL 6A
MGL 6B
CC1G-Man09
AHL
Native EPA
WGA(Seikagaku)
WFL
UEA I
UDA
TL(EY Lab)
PNA
SBA
ABA
MoraCW (Lab)
GNA(EY Lab)
PHA-L
PHA-E
Epa1-Np mutant E227A
Epa1-Np mutant E227Q
Epa1-Np mutant E227D
ProSC-001
CrSalg1
FSL-1
Galectin-7
PHA-Gal
Sp Sec0385 BCR
#14 Sialyl Lewis X (Calbio)
HML-1
VOA
VGA
VGA(EY Lab)
UEA I
SNA
BTL native
MGL 6A-F262T
PHA-E
DBA
Human Galectin1
Mouse Galectin1
PSA
P11
Mono1-CNL
ACL
VCA
Threonin
LFA
GNL
GSL I-A4
CSA(EY Lab)
MAL I
NPA
UEA I
CGL
NAA
PNA
CA19.9-F8B24
PCL
LSL-150
RNA-5K
Microgen
CA19.9-1F1SLE
CA19.9-1F1
PWM
CA19.9-9C26
#8 Lewis B (T218) (Abcam)
GNA
GS-I
TJA-I
Mouse NKG7 PLC
IPSK-K-1A298
Sp Sec0385 VVPA lectin
GS-II (EY Lab)
EEA(EY Lab)
Mono2R-CNL
HA70 complex-Alexa
VRB-Alexa
Epa1-Np mutant E227A
EEL
EEA
MAA(Seikagaku)
Galectin-1
BSA
AFGN01
TBPB-K
MPL
MGL 6B
RCA I (Vector)
Galectin-3 (BD)
#15 Sialyl Lewis X (BD)
HJAA-F11-B11
PPL
LBL
SBL-188
SSL-188
PTL-II
VVL
HHA(EY Lab)
WGA mutant
VVL
Avaspec-Fc
GAL3
ME7(detected with α-HUD)
DC-ASGPR short
ME5(detected with α-HUD)
AOL (Malpa Lab)
ANL
PEC
AAL

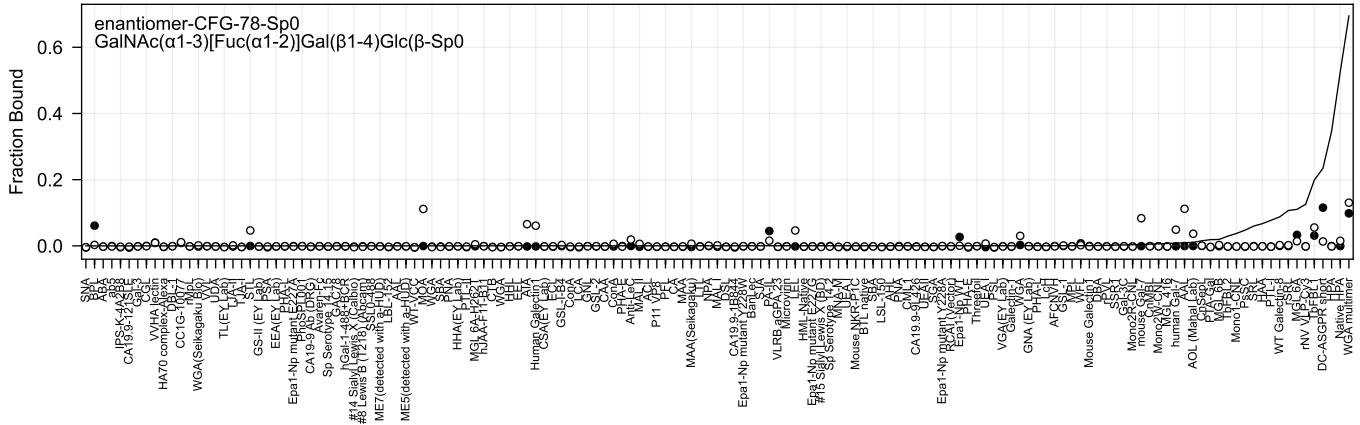

enantiomer-CFG-74-Sp0
GalNAc(α1-3)[Fuc(α1-2)]Gal(β1-3)GlcNAc(β-Sp0
Fraction Bound
0.0
0.2
0.4
0.6
SNA
Microvirin
Tpis-CA2SP
CA19.9-18B24
CA19.9-1B78
Bap1
Bap1-Cat
Bap1-Lec
Dap-5
HA70 complex-Alexa
PNA
WGA(Seikagaku, Bip)
LEL (Vector, Bip)
LCA
PSA
PNA
RCAI (Vector, Bip)
PHA-L
PHA-E
PSL
ABA
GS-II (EY Lab)
Epa1-Np mutant E222Q
Epa1-Np mutant E222Q
Bmp5-Fc001
Bmp5-Fc002
SCA-Sialyl Lewis X
SCA-Sialyl Lewis X
#8 Lewis X (Calbio)
ME7 (detected with a-HUD)
VGA(EY Lab)
WT-VCA
VGA(EY Lab)
SBA
LSL-Man
LSL-Glc
HHA(EY Lab)
GNA(EY Lab)
EEA(EY Lab)
MAL-II
MGL 6A-Biotin
PPL
PPE
CAA
CGA
GSL-I-B4
GNL
CVN
CTB
WGA
ASA
ACG
ACT
Mouse Galectin1
Human Galectin1
EVA
MAA
NPA
GSL-I-B4
LCA
NPA
UEA
Mouse NK-E-P1C
Epa1-Np mutant E222Q
Kappa
CA19.9-2A226
Epa1-Np mutant E222Q
SSA
CSA(EY Lab)
UEA(EY Lab)
hGal-1-498-PE-Fc
HML-Native
AFCNA
PA-IL
LBA-C78
VVHA (Kyoto)
Threoglo
#14 Sialyl Lewis X (Calbio)
AOL (Mahal Lab)
VLRB aGPA V3
Epa1-Np WT
SSA
SNA
PT
P11
VCA
MEL
SLL
STL
MAA(Seikagaku)
hJAA-P11
hJAA-P11
CC1G-10077
CC1G-10077
SSB
#15 Sialyl Lewis X (Calbio)
ME5(detected with a-HUD)
WGA multivalent
Mono2R-CNS
BTL-Lactose
Galectin-1
Galectin-1
PA-IL
PNA
Cnn-Fc
Tbg-Fc
Gal-3
GNL-1
Gal-8
CG-Gal-8
MG-Gal-8
human Gal-7
human Gal-7
Mono2N-CNS
Mono2N-CNS
MGL-SX
SSL
WT Galectin-1
MGL-L68
mNV Galectin-1
Mono1-CNS
SSL1
SSL2
Tbp-Lec
APA-Lec
PTA-Lec
HHA
HPA
Native
DC-ASGPR short

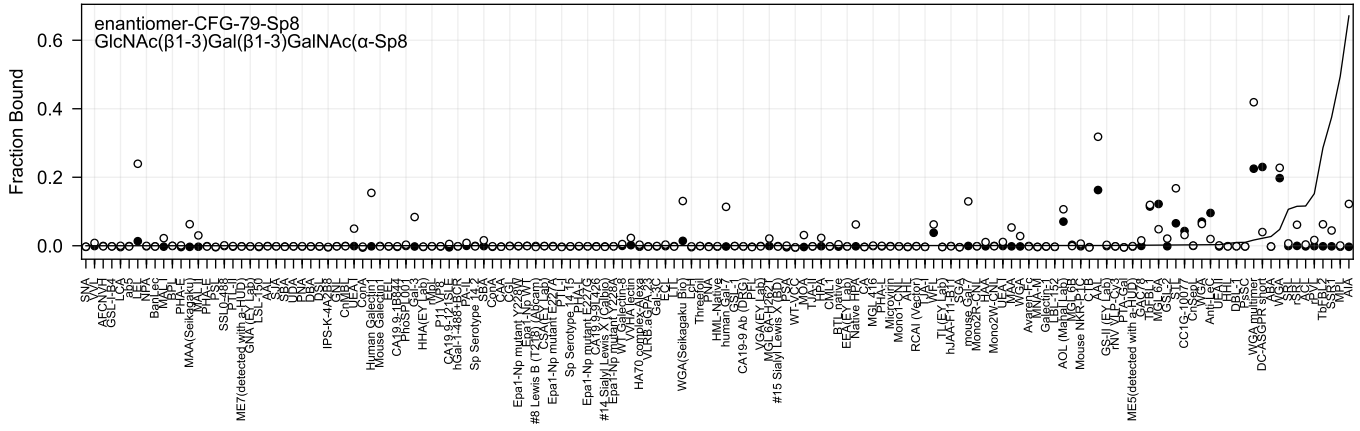

enantiomer-CFG-75-Sp0
GalNAc(α1-3)[Fuc(α1-2)]Gal(β1-4)[Fuc(α1-3)]GlcNAc(β-Sp0
Fraction Bound
0.0
0.2
0.4
SNA
TJA-I
VVHA
TJA-II
IPS-KA
ABA
abs
GS-II (EY Lab)
PHA-E
PHA-L
WT-7/26
WT-7/25
LBL
HML-Native
#15 Sialyl Lewis X (Calbiochem)
LPHA
PNGase F (NEB)
SBA
hJAA-F11-B1
Human Galectin-1
VGA
VGA
BS-I-B4
BS-I-A4
MGL 6A-10/21
MGL 6A-10/21
MAA(Seikagaku)
#14 Sialyl Lewis X (Calbiochem)
Epa1-Np WT
APCNVH
WT Galectin-3
Sp Serotype 14-18
LSL
MAA
EFA-6 (Lab)
hGal-1 (Lab)
Microvirin
VCA
CA19.9 Ab (DRG)
CA19.9 Ab (Lab)
HA (A/ Singapore) Alexa
CCL5
CA19.9-Alexa
MBP
GSL-I-A4
Epa1-Np mutant E227G
Epa1-Np mutant E227A
#8 Lewis B (T218) (Abcam)
ETA
LEL
CEL
CnnB
MBL
PsaC
ASL
ABL
TL(EY Lab)
APA
DEA
Mouse NKR-P1C
SSA
PHA-E
Epa1-Np mutant E227A
Epa1-Np mutant E227S
CA19.9-127
STL
PSA
VCA(EY Lab)
RCA(EY Lab)
PNA
GNA (EY Lab)
GNA (Lab)
ECL
PCL
PCL
Gal-3C
ACL
Epa1-Np mutant Y228A
CSA(EY Lab)
CA19.9-Alexa
UEA-I
SLA
WGA
WGA(Seikagaku)
Epa1-Np mutant Y228V
Epa1-Np mutant Y228W
VVL
MOA
MOA
Gal-3
Gal-1
VLRB.aGPA
SSA
SBA
HHA(EY Lab)
HHA(Tetrabio)
MAL-I
MAL-II
Mouse Galectin-1
MGL-N
Galectin-7
Galectin-7
Mouse 2B4 TPVC
Mouse Gal-7
Avarol-EC
DBA
BTL
WGA
GSL-I-B
SSA-I
PHA-L
PHA-E
human Galectin-3
MGL 4-16
SBA
MGL-6B
UDA
P-PBP2
P11
SPS
WGA-Wuhan
WGA-Wuhan
ME7(detected with a-HUD)
MGL-6A
ME5(detected with a-HUD)
MGL-6A
NVJ-C
AOL (Mabtech Lab)
PHA-A
AAL
PHA-L
TcFBL-1
DC-ASGPR
SJA
Native HPA

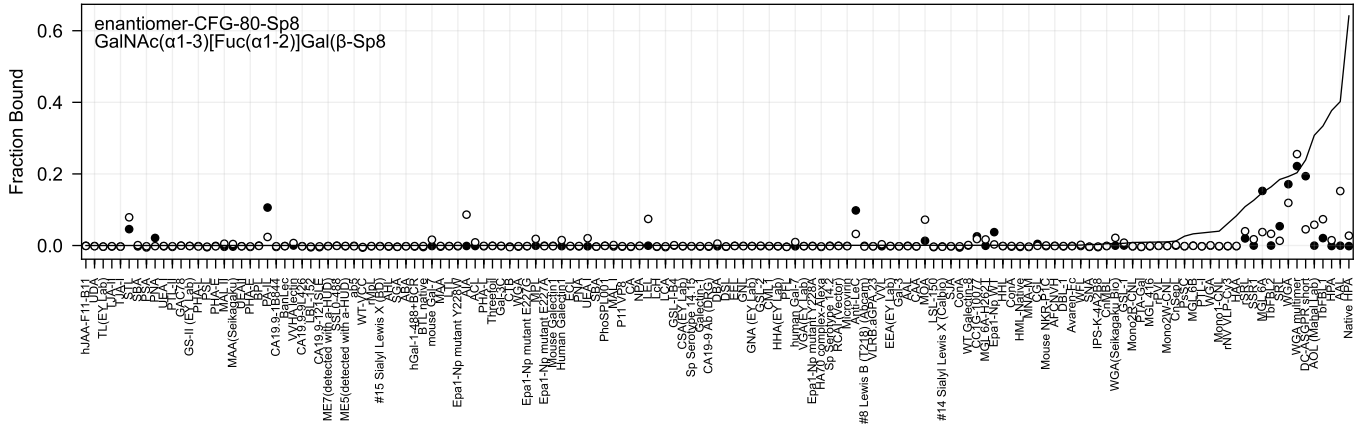

enantiomer-CFG-76-Sp0
Gal3OS(β1-4)[Fuc(α1-3)]Glc(β-Sp0
Fraction Bound
0.0
0.1
0.2
0.3
0.4
SNA
Gal3
VVHA (Jacalin)
WGA multimer
HA70 complex
CGA
WGA(Seikagaku, RIP)
CC1G-10077
TL(EY Lab)
UEA I
PSA
PTL-II
PNA
human Galectin-7
CA19.9-12F5-E
CrPA
Sp Serotype 14.2
#14 Sialyl Lewis X (Calbiochem)
#8 Lewis X (Calbiochem)
ME7(detected with aGD1b)
APSGYQ1
LBL-1BX
WGA
UDA
SBA
PNA
PNA
GS-II (EY Lab)
LSL
hJAA-F1
BPL
CSA(EY Lab)
GSL-I B4
MAA
WGA
UEA I
DBA
SBA
Threo
DSL
AIA
GNL
Mouse NKR-P1A
SGL
BPL
MGL
IPS-1-1A288
Microgum
Epa1-Np mutant E227A
Epa1-Np mutant Y228W
Sp Serotype 14.15
MGL 6A-H2CA
SJA
AIA
CA19.9-LB244
MGL
HIL
CA19-9-Mab-1
Gal3
Mono2N
Epa1-Np mutant E227G
GSL-I
SGA
Galectin-1
hGal-1-488+BCR
Mono1
WGA
GNA
WGA(Lectinity)
HAA
PhoSL
UDA
MNA
MGL-488
SSA-488
GAL-488
abo
RCAI (Vector)
LEL
VGA(EY Lab)
Epa1-Np mutant Y228W
Epa1-Np mutant S228T
SSA
mouse CRP
CAA
VLRB.aGPA.L2
Mono2N
CGA
PHA-E
PSL
Epa1-Np
Lgl
AvaCA
TxB
TKRL2
VVA
EEA(EY Lab)
HHA
Naive PHA
PACL
Ame
NEA
CTB
rNV VLP
Human Galectin1
Mouse Galectin1
Mouse Galectin3
CNA35
CNA35-biotin
BTL
WT-CAA
CAA
ME5(detected with aGD1b)
AOL (Marfey Lab)
AAL

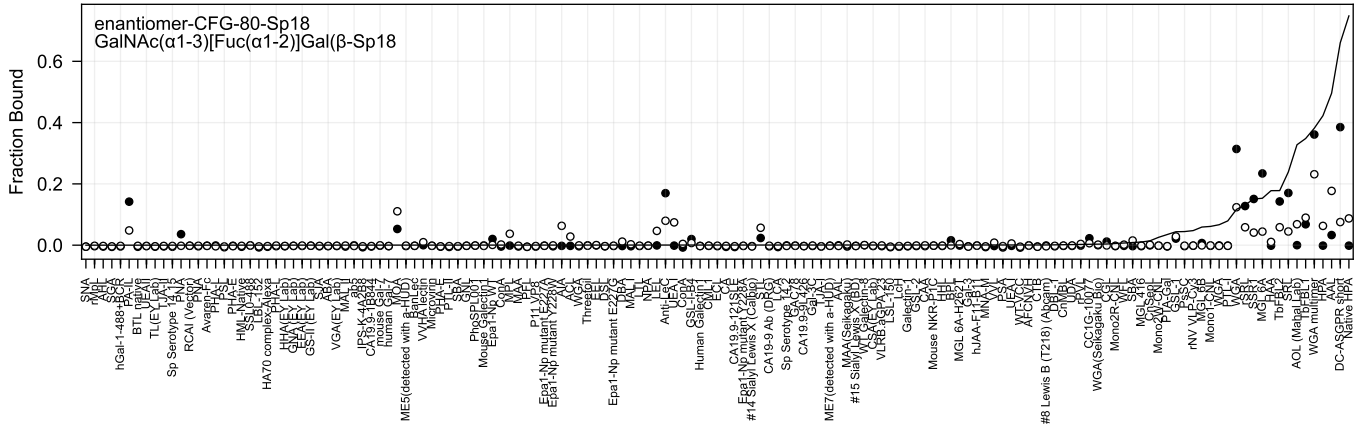

enantiomer-CFG-77-Sp0
GalNAc(α1-3)[Fuc(α1-2)]Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.0
0.2
0.4
0.6
SNA
SNA-I
ABA
ABA-I
Microvibrio
PSA
LTA
CAA
CAA19.9-1-ASGB
CAA19.9-1-426
CAA19.9-1-Alexa
Galectin-3
VVHA
VVHA-I
HA70 complex-Alexa
AIA
AIA-I
SGA
PNA
UEA-I
UDA
TL(EY Lab)
TJA-I
GNA(EY Lab)
HHA
HHA(EY Lab)
PRL
SBA
Epa1-Np mutant Y229A
Epa1-Np mutant Y229W
PhoSC
CNL-I
Avaro-Fc
B1h-native
hGal-1
Lewis X (C-Lab)
#14 Sialyl Lewis X
#15 Sialyl Lewis X
VLRB-GP-Fc
SSL1-Fc
LSL-Fc
LBL-Fc
LSL-AC
WT-VOC
MNA-M
MNA-N
#8 Lewis B (T218) (AD)
PSA
PNA
MGL 6A-H
WFL
Threo
ACL
AOL
PA
P11
VFA
PEL
LCA
CGA
GSL
CSA
CSA(EY Lab)
CGL
DBA
PCL
CTB
GNL
EEL
MAA(Seikagaku)
AMA-I
AMA-II
PWA
MAL-I
MAL-II
Mouse Galectin1
Human Galectin1
BPL-I
ECL
EBL
CoA
MAL-III
PUL-E
PUL-F
Sp Serotype 1
Sp Serotype 14
RJAA1
Epa1-Np mutant E227A
Epa1-Np mutant E227Q
Sp Serotype 1 mutant
HWL-native
Epa1-Np mutant E227G
PPA-I
PPA-II
EEA(EY Lab)
TJA-I
Galectin-1
RCA1(Vector)
SJA
VGA(EY Lab)
BPL
CC1G-1(OG)
AOL(Vector)
AOL(Wahab Lab)
CA19.9 Ab (DGI)
WFL
ME5(detected with a-Fc)
AFCN
MGL 4-1
Mono2R-CGL
WGA
Mono2V-CGL
Mono2V-CGL
CGL
DSL
CNL
DSL
human Galectin-1
Mouse NRP-Galectin-1
SSR-1
mouse Galectin-1
CGL
CGL
CGL
TCFB-9
Mono1C-CGL
PAA
MGL
PSA
SSL
WT Galectin-3
HNV-VLP-Fc
SSL
SSL
PTEL
RTEL
WGA
TPA
DC-ASGPR
BPL-I
PAA
WGA(Seikagaku)
Kaptin
HPA
WGA multimer

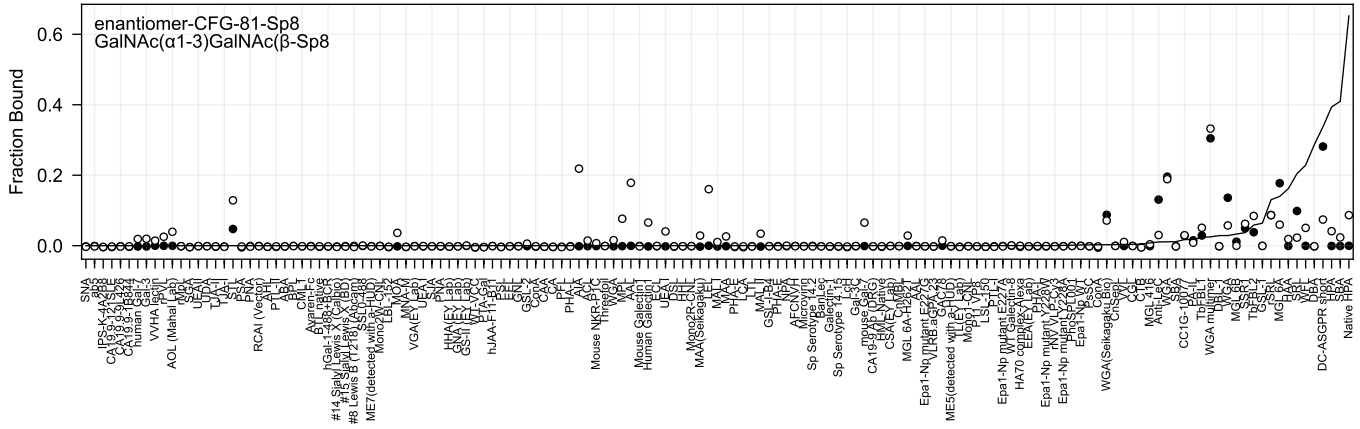

enantiomer-CFG-77-Sp8
GalNAc(α1-3)[Fuc(α1-2)]Gal(β1-4)GlcNAc(β-Sp8
Fraction Bound
0.0
0.2
0.4
0.6

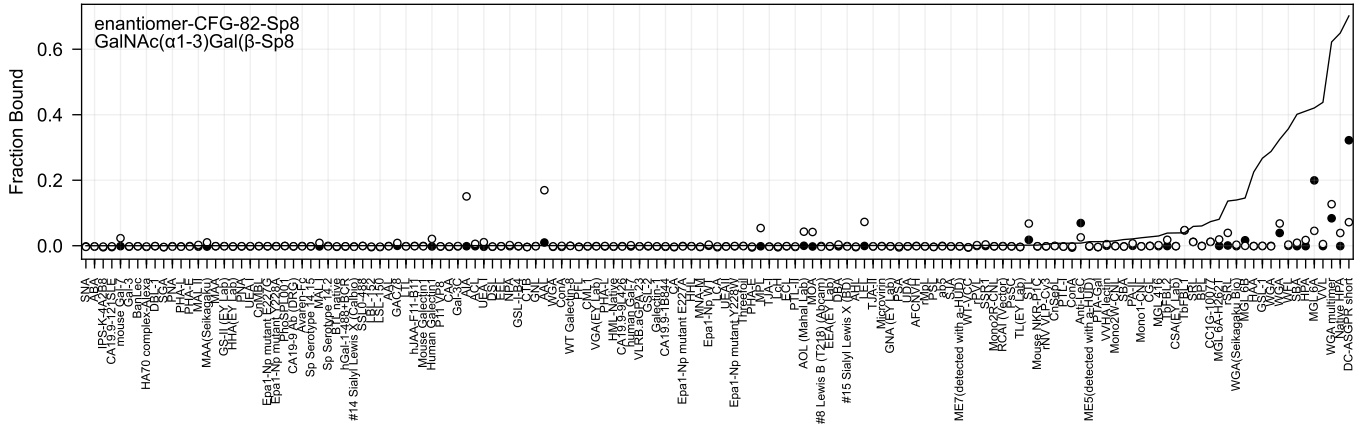

enantiomer-CFG-78-Sp0
GalNAc(α1-3)[Fuc(α1-2)]Gal(β1-4)Glc(β-Sp0
Fraction Bound
0.0
0.2
0.4
0.6
SNA
SNA-I
ABA
ACA
IPS-1-4-A
CA19-12-Sp0
SLe
VVHA
HA70 complex, Neuraminidase
CGL
CC1G-1-Pb1-1
WGA
WGA(Seikagaku)
UDA
TL(EY Lab)
LCA
SAL
GS-II (EY Lab)
EEA(EY Lab)
Epa1-Np mutant, Epa1-Np
BTA
Proteus mirabilis
CA19-9 Antibody
Sp Serotype 14-18
#14 Sialyl Lewis X (Calbio)
#3 Lewis B (12-13)
hGal-1-498-CRD
ME7(detected with anti-Lewis X)
SSL(1-488)
LEL (Vector Lab)
ME5(detected with anti-Lewis X)
AOL
WT-VCL
MOA
SBA
PNA
HHA(EY Lab)
P-2
MGL 6A-Pro-1
HJA
HJA-F11-B11
OCDA
VFA
EEL
ZAA
Human Galectin-1
CSA(EY Lab)
ECA
GSC-I
GSC-IB4
GAL
GSL-2
CoA
PHA-E
PHA-L
ACG
MAL-I
Ast
P11
PFL
MXA
MAA(Seikagaku)
NPA
NAL
CA19.9-LBS-1
Epa1-Np mutant, Epa1-Np
Bacillus cereus
PSA
VLRB.aGPA.23
Microvilli
HML (Native)
Epa1-Np mutant, Epa1-Np
#13 Sialyl Lewis X (BD)
Sp Serotype 14-18
VVA
Mouse NK-Tumor
BTL
SBA
LSL
ANL
CA19.9-Ab
CA19.9-Ab
CA19.9-Ab
VSA
Epa1-Np mutant, Epa1-Np
Epa1-Np WT
Epa1-Np WT
TriTeLec
UEA1
VGA(EY Lab)
Galectin-1
GNA (EY Lab)
PHA-P
AFSCN
CTB
MPL
Mouse Galectin-1
DBA
SSA
SSR1
Monoclonal mouse IgG
Monoclonal mouse IgG
NGA-1-16
human IgG
AAL
AOL (Mahal Lab)
PHA-Gal
PHA-Gal
UDP2
Mono1-CSL
SRL
PHA-L
PHA-E
WT Galectin-3
MG-6A
rNV VP1-E1
DC-ASGPR s/bst
Native LEA
WGA multimer

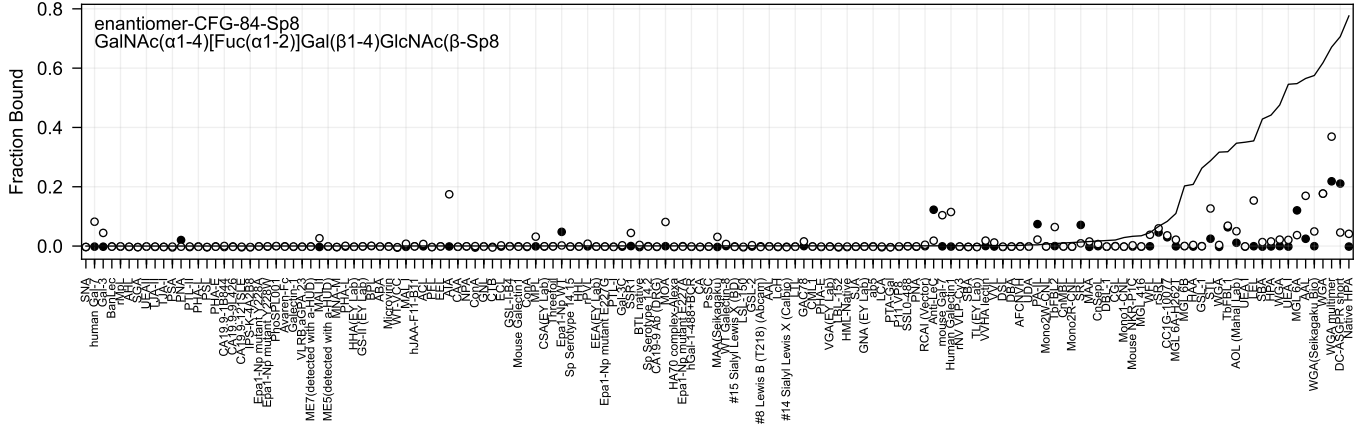

enantiomer-CFG-79-Sp8
GlcNAc(β1-3)Gal(β1-3)GalNAc(α-Sp8
Fraction Bound
0.0
0.2
0.4
0.6
SVA
SVA
AECNV2
GSC-IV
LCA
ABP
NPA
BwKCP
PHA-E
PHA-L
PNA
SSL7
SSL2
ME7(detected with anti-PrD)
GNA (Lectin)
TSL (Lectin)
SJA
SNA
PWA
BPA
DBA
UEA-I
CrmB
CrmA
Human Galectin1
Mouse Galectin1
CA19-9-PBS1
PhoSL (Lectin)
Gal-3
HHA(EY Lectin)
Man
P11
VVA
hGal-1-488-BCB
Sp Serotype_1-1
Epa1-Np mutant Y2
Epa1-Np mutant Y3
#8 Lewis B (TEB) (Vector)
Epa1-Np mutant E274
Sp Serotype_14-1
Epa1-Np mutant E174
#14 Sialyl Lewis X (Vector)
Epa1-Np mutant Y2
WT Galectin-8
HA70 complex
VLRB.aga_42
GSL-I
ECL
WGA(Seikagaku, Bio)
UCH
Thrombin
PNA
HML-Natrin2
human Galectin-3
GSL-I
CA19-9 Ab (PBS)
VGA(EY Lectin)
MOR(EY Lectin)
#15 Sialyl Lewis X (TEB)
WT-VSA
VSA
MOA
TJA-I
HPA
CWLC
BTL
EEA(EY Lectin)
Native HCA
MGL-A16
MGL-A18
Microvillin
Mono1-XIII
RCAI (Vector)
WFL
TJA(EY Lectin)
hJAL(EY Lectin)
SGA
Mouse CatV
Mouse NKR
Mono2WT
UEA-I
HAA
WGA
MAA
Avarol-FC
Galectin-N
Galectin-1
TBT-152
AOL (Marine Sponge)
Mouse NKR-P1B
Mouse NKR-P1B
AAL
GSII (EY Lectin)
RNY (TEB-Cy3)
PTA (Lectin)
GSL-IV
GSL-I
MGL-A2
GSL-I
CC1G-10017
CNA
Neuraminidase
Ara
Anti-Ec
EFL
EFL-II
DBS-1
DBS-C1
WGA multimer
DC-ASGPR
sialic
VSA
rSBA
rSBA
ACL
ACL
TbFBP
SNA
SNA
AIA

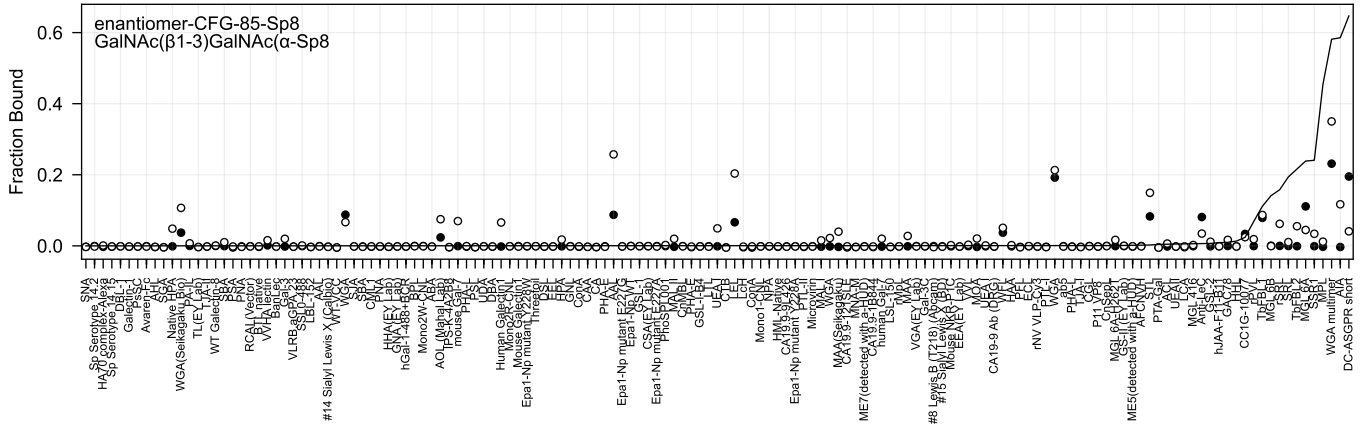

enantiomer-CFG-80-Sp8
GalNAc(α1-3)[Fuc(α1-2)]Gal(β-Sp8
Fraction Bound
0.0
0.2
0.4
0.6
hJAA-F11
B1
TL(EY Lab)
UEA-I
WFA
SBA
PNA
DBA
LEA
GS-II (EY Lab)
GAL-1
PTA
BS-I
RIA-E
RIA-T
MAA(Seikagaku)
PTA-AU
BP
BE
CA19.9-1B78
CA19.9-G1-228
VVA(Sigma)
CA19.9-1B78-SE
CA19.9-1B78-LE
ME7(detected with a1-HUD)
ME5(detected with a1-HUD)
WT-1
#15 Sialyl Lewis X (Alb)
hGal-1488+BGR
BTL peptide
mouse MGL
MAA
Epa1-Np mutant Y229AV
AAL
PHA-L
Tomato lectin
OCTA
Epa1-Np mutant E229A
Epa1-Np mutant E229Q
Mouse Galectin1
Human Galectin1
LPA
UEA
SBA
PhoSL(Mo01)
P11VPA
NPA
LEA
LCA
GSL-I (EY Lab)
CSA(EY Lab)
Sp Serotype 14-13
CA19-9 AB (OHGu)
DBA
EEL
GNA (EY Lab)
GSL-I-B4
HHA(EY Lab)
human Gal-1
VGA(EY Lab)
Epa1-Np mutant Y229AV
PHA-P complex-Alexa
Sp Serotype 12-2
RCA
Microvirin
#8 Lewis B (T218) (Alpaca)
VCRB AGP-X2
EEA(EY Lab)
GAL3
CAA
MAL
MOA
#14 Sialyl Lewis X (Calbio)
LSL
ConA
WT Galectin-9
WT Galectin-3
MGL 6A-H2021
Epa1-Np
HH1
ConA
HML-Man
MNA-M
Mouse NKR-P1C
AFP(NV1)
Avarol-Fc
SVA
IPS-K-4A2B8
WGA(Seikagaku)(Bio)
Monos-CSF-1
MGL-Gal
PTA-Gal
Mono2vs.Con
Cre-Gal
PsaL
MGL-DB
WGA
Myo1-C4
rNMVP-C4
HPA
SSA
SSB1
MGL-B2
SBK
WGA
WGA multimer
ACL(Maba short)
ACL(Maba long)
TcB-B1
AIA
Native HPA

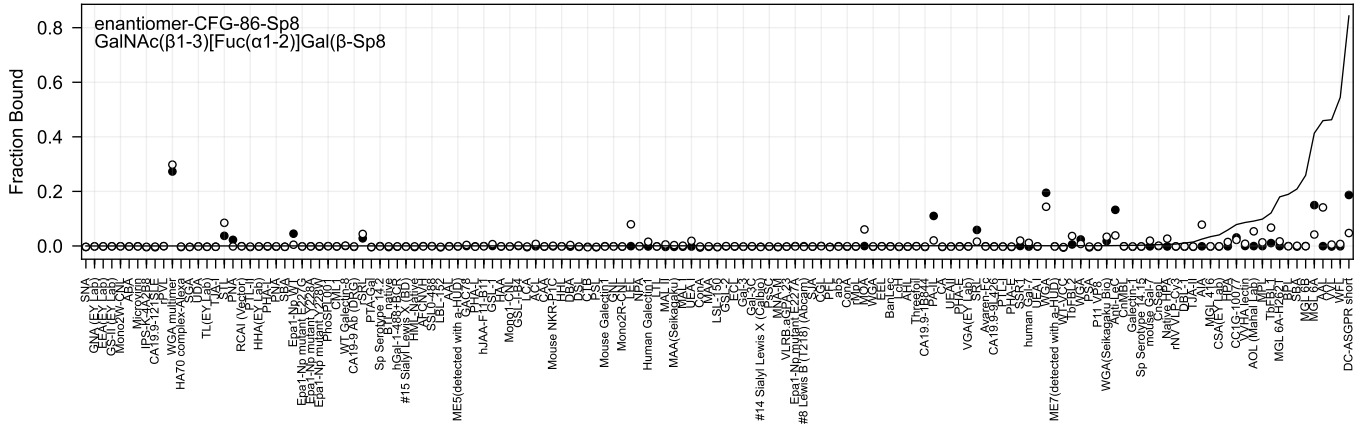

enantiomer-CFG-80-Sp18
GalNAc(α1-3)[Fuc(α1-2)]Gal(β-Sp18
Fraction Bound
0.0
0.2
0.4
0.6
SNA
nSA
AEL
hGal-1-488
BCR
PAL-L
BTL
UEA(I)
TL(E)
LCA(I)
Sp Serotype 1
RCAI (Vector)
Avapro
PNA
PAS-I
PHA-E
HMA
SSA
Lac-192
HA70 complex
PHA-L
NNA(EY Lab)
GEA(EY Lab)
GS-II (EY Lab)
ABA
VGA(EY Lab)
ACA
MAL(I)
JFS-K-4
CA19-9-1
mouse Gal-7
human Gal-7
MOA
ME5(detected with a-HCD)
RanLec
VVA
MAA lectin
PHA-P
SBA
GNA
PhoSL
Mouse Galectin-1
Epa1-Np WT
NPL
PPL
PTL
Epa1-Np mutant E227Q
Epa1-Np mutant Y228W
ACL
WGA
Thrombin
EEL
Epa1-Np mutant E227Q
DBA
MAL(II)
NEA
Anti-Lec
CEA
GSL-IB4
Human Galectin-1
EC
CA19-9-12
Epa1-Np mutant Y228W
#14 Sialyl Lewis x (Calbiochem)
CA19-9 Ab (BioLegend)
Sp Serotype 4
CA19-9-2
CA19-9-3
GAL
ME7(detected with a-HCD)
MAA(Seikagaku)
#15 Sialyl Lewis a
VVL
VLRA (Epo-92)
VLRB (LSL-150)
Galectin-2
GSL-I-4
Mouse NKR-P1C
EEL
MGL 6A-H262-1
hJAA-F11-1
MNA-M
PSA
UEA(I)
AFCONA
#8 Lewis B (T218) (Abgenix)
CBA
CrmA
UDA
CC1G-1007
WGA(Seikagaku Bio)
Mono2R-CNL
SNA
MGL 418
Mono2K-CRL
PTA
PsaGal
PsaC
nNV WB-1
Mono1-CNL
PTL-I
VVL
WGA
SSA
SSB1
MGL 6A
HPA
TbE-B2
TbE-B1
AOL (Mabjolin)
WGA mutant
HPA
DC-ASGPR sol
Native HPA

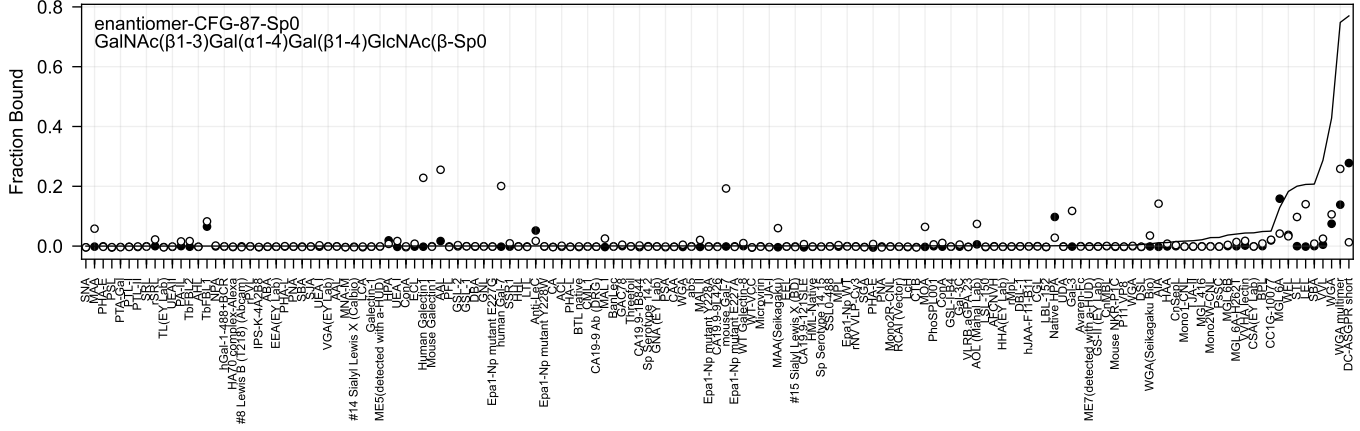

enantiomer-CFG-81-Sp8
GalNAc(α1-3)GalNAc(β-Sp8
Fraction Bound
0.0
0.2
0.4
0.6
SNA
SNA
BPL
TPS-I-4A-488
CA19-9-Lectin
CA19-9-Lectin
Galectin-8
Human Galectin-3
Galectin-3
PNA
VVHA (Mahal. lab)
SJA
AOL (Mahal. lab)
UEA
UEA
TJA-I
TJA-II
SJA
SJA
PNA
RCAI (Vector)
PNA
PNA-II
ABA
ABA
CML-1
Avarentin-c
Galectin-1
hGal-1-488-BCR
#14 Sial/Man (Lewis X-IBD)
#13 Sial/Man (Lewis X-IBD)
#8 Lewis B (1218)(Lewis X-IBD)
ME7(detected with anti-HuD)
Mono2-BL-1-32
MOA
MOA
VGA(EY Lab)
UEA
PNA
HHA(EY Lab)
GNA(EY Lab)
GS-II (EY Lab)
hJAA-F1
BTA-Gal
BS-I
EEL
EEL
GSL-2
CoA
CoA
PHA-E
PHA-L
AAL
AAL
Mouse NKR-P1C
Threonin
MPL
MPL
Mouse Galectin-1
Human Galectin-1
UEA-I
HPA
HPL
Mouse2-CNL
MAA(Seikagaku)
MAA
MAA
PHA-E
PHA-E
LCA
LCA
WAA
GSL-I-B4
PHA-E
PHA-E
AFCNA
AFCNA
Microvin
Microvin
Sp Serotype 1
Ban Lec
Galectin-1-S
Sp Serotype 1
LSL
mouse Galectin-3
CA19-9 (ORG)
cSA(EY Lab)
cSA(EY Lab)
MGL 6A-488
MGL
Epa1-Np mutant E227A
Epa1-Np mutant E227A
ME5(detected with anti-HuD)
GNA(EY Lab)
MoP1-VP1
Lsl-1-50
Epa1-Np mutant E227A
Epa1-Np mutant E227A
HA70 original
Galectin-8
CEA(EY Lab)
Epa1-Np mutant Y226W
Epa1-Np mutant Y226W
Epa1-Np mutant E227A
Epa1-Np mutant E227A
Epa1-Np-SC
Epa1-Np-SC
WGA(Seikagaku)
CoA
CheBP
CVL
CVL
CTB
CTB
MGL 4A
MGL 4A
WGA
WGA
CC1G-1-488
CC1G-1-488
PBL-1
PBL-1
ThPBL-1
ThPBL-1
WGA mutant
WGA
WGA
MGL 6A
MGL 6A
CSA
CSA
SBA
SBA
UEA
UEA
DC-ASGPR
SJA
SJA
SBA
SBA
Native HPA

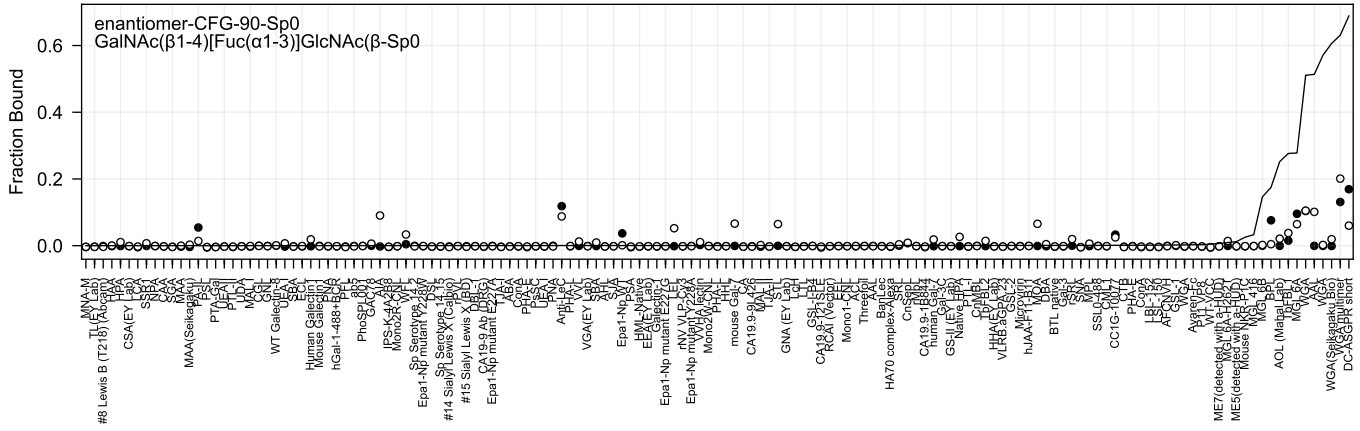

enantiomer-CFG-82-Sp8
GalNAc(α1-3)Gal(β-Sp8
Fraction Bound
0.0
0.2
0.4
0.6
SNA
SNA
IPSA-1-AlexaFl488
CA19-9-Alexa488
mouse Gal-7
Galectin-3
Bacillus
HA70 complex-Alexa
DSA
PNA
PNA
PHA-E
PHA-L
MAA(Seikagaku)
MAA-II
MAA
GSL-II (Lab)
HHA(EY Lab)
LEA
LEA
Combo
Epa1-Np mutant E222A
Epa1-Np mutant Y226A
Epa1-Np WT
CA19-9-PE
Avelumab-PE
Sp Serotype 14-2
Sp Serotype 14-2
hGal-1-488-BIOS
hGal-1-488-Cell
Sp Serotype 14-2
LSL-488
LSL-488
GAC-2B
GAC-2B
hJAA-F11-B11
Mouse Galectin11
Human Galectin11
P11-Y28
Gal-3
Gal-3
AAL
AAL
UEA1
UEA1
PSL
NEA
NEA
GSL-CTB
GNL
GNL
WGA
WGA
Con-8
WT Galectin-8
PALT
CA19-9 (Lab)
VGA(EY Lab)
Tomato
HML
HML-Alexa
CA19-9-488
CA19-9-488
VLRB.aGPC3
VLRB.aGPC3
Galectin-1
GSL-1
CA19-9-TB641
Epa1-Np mutant E222A
TFH-L
TFH-L
Epa1-Np WT
MPL
Epa1-Np mutant Y226A
UEA1
Epa1-Np mutant Y226A
Tyr-Man
PEA-Cell
MPL
MPL
LCA
LCA
PSA
PSA
AOL (Mahal Mab)
AOL (Mahal Mab)
#8 Lewis B (T218) (Abcam)
EEA(EY Lab)
#15 Sialyl Lewis X (BIO)
AEL
AEL
TJA-II
Mouse Galectin-7
GNA(EY Lab)
DBA
DBA
AFCONA
PNA
PNA
ABO
ABO
ME7(detected with a-HUD)
WT-PCY
WT-PCY
Mono2R-SSRY
RCA(Vector)
RCA(Vector)
TLEY-SSL
TLEY-SSL
Mouse NK WB-CY3
Cre-Sph-L
Cre-Sph-L
ConA
ConA
ME5(detected with a-HUD)
Anti-HUD
PTA-Gal
PTA-Gal
VVA-SSL
Mono2W-SSL
SBA
SBA
Mono1-SSL
MGL-488
MGL-488
CSA(EY Lab)
CSA(EY Lab)
SBL
SBL
CC1-10077
MGL 64-HSSR
MGL
WGA(Seikagaku)
WGA
HAA
HAA
SSA
SSA
SEA
SEA
VVL
VVL
MGL
MGL
PEA
PEA
VVL
VVL
WGA mutant
WGA mutant
HPA
HPA
DC-ASGPR short

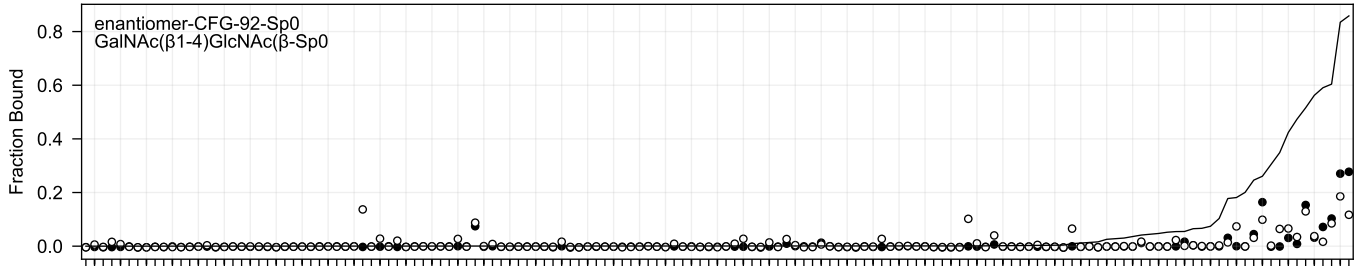

enantiomer-CFG-84-Sp8
GalNAc(α1-4)[Fuc(α1-2)]Gal(β1-4)GlcNAc(β-Sp8
Fraction Bound
0.8
0.6
0.4
0.2
0.0
SNA
human Gal-3
Gal-3
Bacillus
WGA
ABL
LEA
UEA-I
PNA
PSA
PTL-I
PTL-II
BS-I
CA19-9 (HEK)
CA19-9 (CHO)
CA19-9 (Jurkat)
CA19-9 (Raji)
Epa1-Np mutant Y289G
Epa1-Np mutant S288G
Epa1-Np mutant S288G
Avaren-Fc
Avaren-Fc
VLRB.aGPC.C1
ME7(detected with a-hIgG)
ME5(detected with a-hIgG)
MAA-II
HHA(EY Lab)
GSII-B4 (EY Lab)
PHA-L
PHA-E
Mpa
Mpa
MicroVida
WFA
WFA/CC
hJAA-F11-B11
ACL
EEL
ACA
CAA
NPA
CVN
GNA
EDB
GSL-IB4
GSL-IA4
Mouse Galectin-1
CSA(EY Lab)
MPL
Thieffoli
Epa1-Np mutant E271G
Sp Serotype 14 J15
FUT
EEA(EY Lab)
Epa1-Np mutant E271G
Gal-1
Gal-3C
BTL native
SA 3SGP
SA 6SGP
CA19-9 (MOA)
HA70 complex
Epa1-Np complex
Epa1-Np mutant E271G
hGal-1-488-BCR
PsSC
MAA(Seikagaku)
#15 Sialyl Lewis X (BD)
LSL
SSL-2
#8 Lewis B (T218) (Abcam)
tch
#14 Sialyl Lewis X (Calbiochem)
GAC
GAL-8
PHA-L
VGA(EY Lab)
HML-native
GNA (EY Lab)
abo
PTA-Gal
PTA-Sal
SSL-1
PNA
RCA (Vector)
Anetsu
mouse Gal-1
Human Gal-1
RIV VLP-Sp3
SBA
TJA-I
TJA(EY lectin)
PSL
PSL
AFO
DBA
DBA
Mono2W-FCL
TcFBP
Mono2R-FCL
NAA
CrSerpin
DSL
DSL
Monos-PNL
Mouse-PNL
MGL 418
NSL
CCIA-1 (3007)
MGL6A-1 (3008)
MGL6B
GSL-A
GSL-A
STL
STL
TcFBP
TcFBP
AOL (Mahal Lab)
UEA
FEL
SBA
SBA
VGA
VGA
MGL6A
MGL6A
WGA(Seikagaku)
ACL
WGA
WGA
KSG-PR-lectin
DCA-PR-lectin
Native HPA

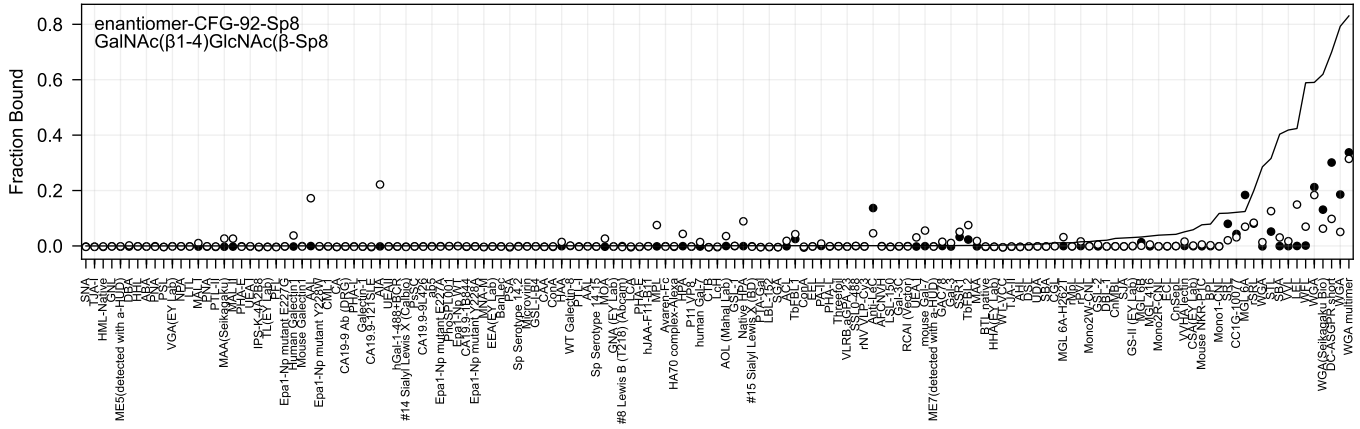

enantiomer-CFG-85-Sp8
GalNAc(β1-3)GalNAc(α-Sp8
Fraction Bound
0.0
0.2
0.4
0.6
SNA
TJA2
Sp Serotype 2
HAA
Sp serotype 1
DBL-1
Galectin-1
Avarol
SGA
Native HPA
WGA(Seikagaku)
PA-IIL
TL(EY Lab)
WT Galectin-3
BSA
BSA
RCA(Vector)
PNA
VVL Native
Bauhinia
Galectin-7
VLRB.aGC
SSL7-188
LBT-AZ
#14 Sialyl Lewis X (Calbiochem)
WFA
WGA
SBA
CML-1
HHA(EY Lab)
GNA (EY Lab)
hGal-1-488
Bpl
Mono2W-488
ANL
AOL (Matahal Lab)
mouse Galectin-3
PSL
PSA
UDA
Human Galectin-1
Mono2R-CNL
Mouse Galectin-1
Epa1-Np mutant Y228W
Threonin
EEL
EEA
GNL
CGA
CGA
CA
PHAE
Epa1-Np mutant E227Q
Epa1
GSL-I
CSA(EY Lab)
Epa1-Np mutant H228Q
HoSL-1
CNA
CNL
PHAE
GSL-I-B4
LTA
UEA-I
LEL
LCA
CGA
Mono1-488
ANL
HML Native
CAA
Epa1-Np mutant Y228A
PHL-II
Mico
WGA
WGA
MAA(Seikagaku)
CA19-9-125(SLI)
CA19-9-RB44
ME7(detected with anti-IgG)
CA19-9-125
human-Galectin-9
LSL-1
MAA
WGA
VGA(EY Lab)
#8 Lewis B (T218) (Abcam)
#15 Sialyl Lewis X (BD)
Mouse Lewis X (BD)
EEA(EY Lab)
MOA
CA19-9 Ab (Novus)
BAA
ECL
ECA
nNV VLP-P3
WGA
PHA-L
PHA-E
CGL
P11 VP8
MGL 6-Cys382T
GSL-I
ME5(detected with anti-IgG)
APSNL
PTA
Sal
UEA-I
LCA
MGL 4-6
MGL 4-6
GSL-I-B4
hJAA-F
GAL-3
CC1G-1
PNA
PNA
PSA
Mag-Bpl
SBA
SBA
TKB-2
MGL-6
MGL-6A
VIP
WGA mutant
NA
DC-ASGPR short

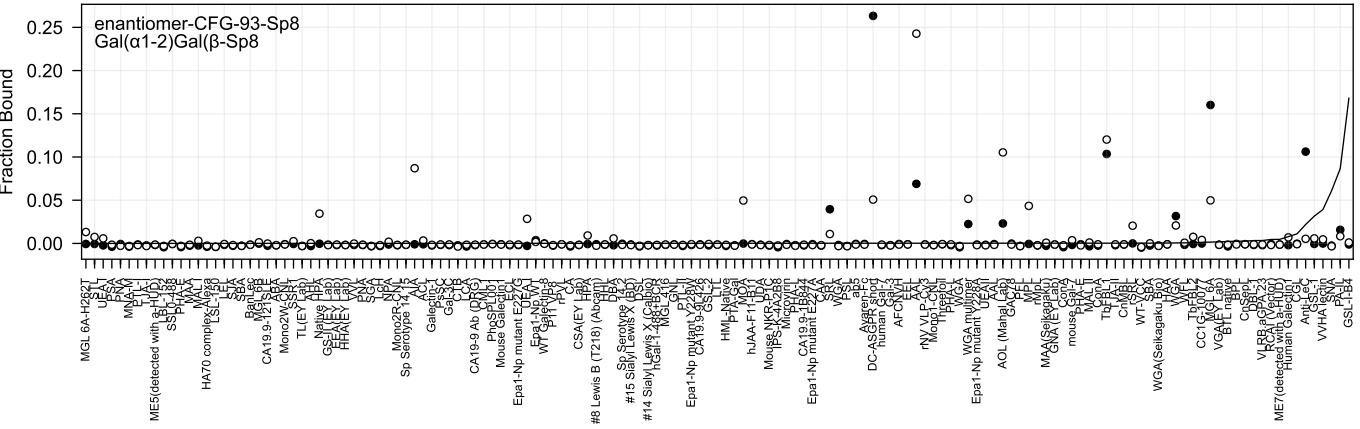

enantiomer-CFG-86-Sp8
GalNAc(β1-3)[Fuc(α1-2)]Gal(β-Sp8
Fraction Bound
0.0
0.2
0.4
0.6
0.8
SNA
SNA (Lab)
GNA (EY Lab)
GNA (EY Lab)
Mono2W-CNL
ABA
Micro-CVN
IPSS-A-X488
CA19.9-12-X488
BVF
WGA mutimer
HA70 complex-X488
SSA
TL(EY Lab)
TL(EY Lab)
TJA-I
PNA
RCAI (Vector)
HHA(EY Lab)
PNA
SBA
Epa1-Np mutant [222]
Epa1-Np mutant [222]
Epa1-Np mutant [228]
PhoSL-CNL
WT Galectin-3
CA19.9 Ab (Dylight)
PTA-Gal
Sp Serotype 14
hGal-1-488-BSS
#15 Sialyl Lewis X (Calbiochem)
HMM Native
SSL-7-488
LBL-488
ME5(detected with a-HUD)
GAL-8
hJAA-F-LB11
CTB
STA
Mono1-CNL
GSL-I-CA
ACA
Mouse NKR-P1C
DEA
DSA
DBA
PSL
Mouse Galectin-1
Mono2R-CNL
NPA
Human Galectin-1
MAL II
MAA(Seikagaku)
UEA I
VFA
KAA
LSL-59
ECA
ECL
Galectin-3
Galectin-7
CTL
#14 Sialyl Lewis X (Calbiochem)
VLRB-488
Epa1-Np mutant [222]-X488
#8 Lewis B (T218) (Abcam)
MNA-M
SJA
PFL
CGA
MOA
WGA
VVA
BanLec
ABL
CA19.9-FITC
PHA-L
UEA-I
PHA-E
VGA(EY Lab)
CA19.9-Alexa488
PSA
human Galectin-7
WFA
ME7(detected with a-HUD)
VFA
TCFB-K2
VGSA
P11 VF8
WGA(Seikagaku)
Anti-PEG
Sp Serotype 14-13
mouse Galectin-1
Galectin-8
Native HPA
rNV VP1-488
DBL-2
TJA-II
NGA-416
CSA(EY Lab)
HPA
CCL2(a.a.1-077)
AOL (Mahal Lab)
TBP-1
MGL 6A-Fc-2
SBA
MGL 6A
AAL
WFL
DC-ASGPR short

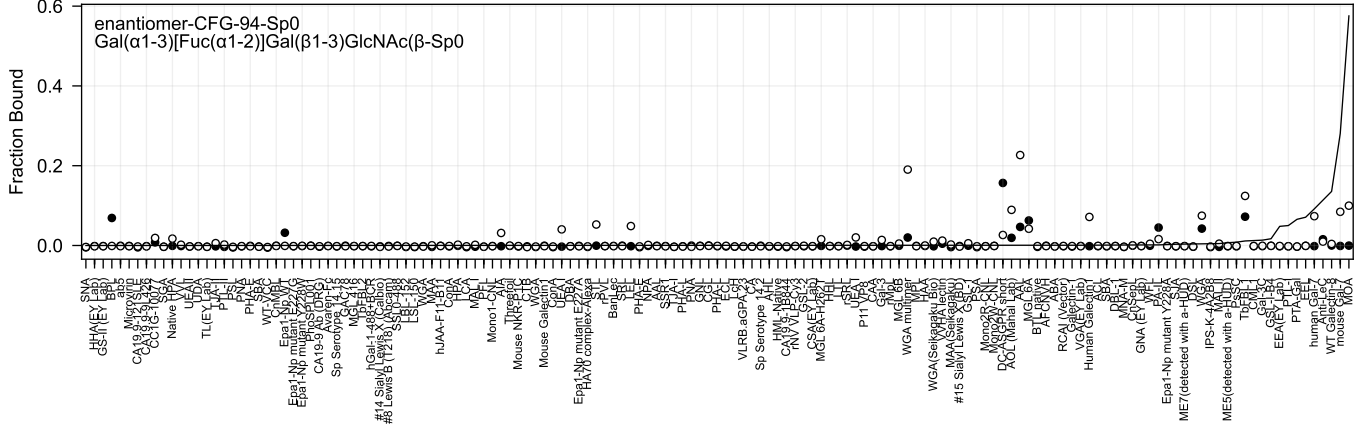

enantiomer-CFG-87-Sp0
GalNAc(β1-3)Gal(α1-4)Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.8
0.6
0.4
0.2
0.0
SNA
MAL
PNA
ECA
PTA-Gal
PTL-I
SBI
SBA
TL(EY Lab)
UEA-I
TxB-1
TxB-2
TxB-3
TxB-4
hGal-1-489-NBA
HA-(PR8)-Alexa
#8 Lewis B (1218) (Abcam)
IPS-K-A-488
EEA(EY Lab)
PHA-L
PHA-E
SBA
UEA
VGA(EY Lab)
UEA
#14 Sialyl Lewis X (Calbiochem)
MAA-M
Galectin-1
ME5(detected with a-HPA)
UEA
ECA
Human Galectin1
Mouse Galectin1
AAL
GSL-I
GSL-I-A4
GNL
Epa1-Np mutant E227-9
human Galectin-3
SSB1
TJA-I
TJA-II
Epa1-Np mutant Y228-V
CA
PNA
PHA-E
BTL native
BTL native
CA19-9 Ab (DRG)
BAA
GAC
CA19-9 Ab (DRG)
TxB-1-BB44
Sp Sialyl Lewis X
GNA(EY Lab)
BSA
WGA
ABA
Epa1-Np mutant Y228A
CA19-9-Ab-142
Epa1-Np mutant E227-A
WVA(EY Lab)
Micrococcin
MAA(Seikagaku)
#15 Sialyl Lewis X (BD)
CA19-9-Ab-121 (SLE)
Sp Sialyl Lewis X (Glycotech)
SSL1-488
Epa1-Np WT
rNVVLP
SGA
PHA-E
PHA-L
Mono2R-CNL
RCA(Vector)
CTB
MOA
PhoSpl
MOA
GSL-I-B4
Galectin-3
Native HPA
LBL-192
hJAA-F1-B11
Gal-3
ME7(detected with a-HPA)
GS-II(EY Lab)
Mouse NK-DTC
PHA-E
WGA
WGA(Seikagaku)
BJA
HAA
Con-A
Mono1-CNL
MGL-1-A-1
Mono2W-CNL
MGL-6-A1-2
CSA(EY Lab)
CC1G-1-B7
MGL-6A
SEL
SEA
SEL
VVA
WGA
Human
DC-ASGPR short

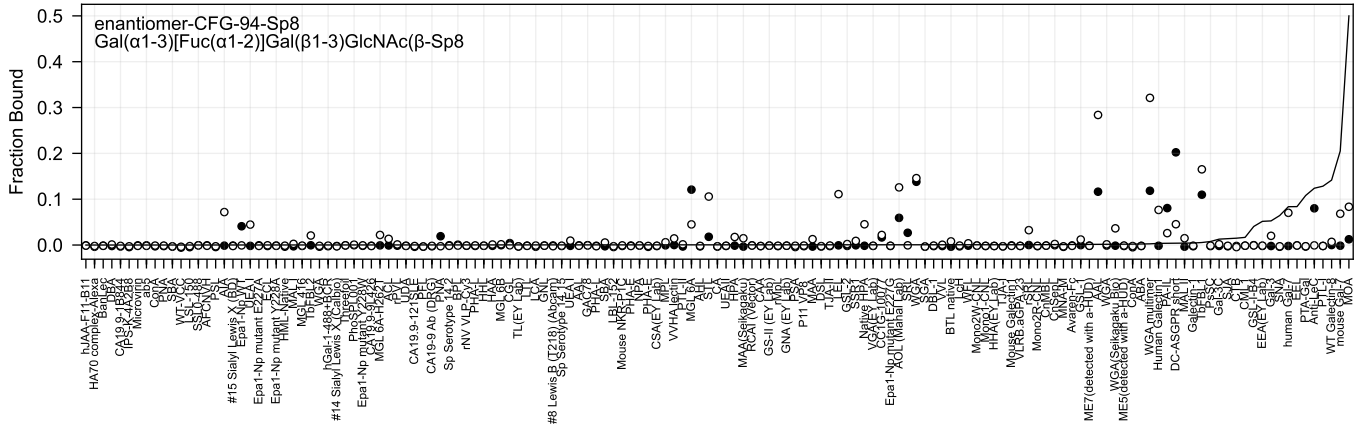

enantiomer-CFG-90-Sp0
GalNAc(β1-4)[Fuc(α1-3)]GlcNAc(β-Sp0
Fraction Bound
0.0
0.2
0.4
0.6
MNA-M
TL(EY Lab)
#8 Lewis B (T218) (Abcam)
CSA(EY Lab)
SSA
SBA
GNA
MAA(Seikagaku)
PNA
BSL
PTA-Gal
PTL-I
MAL
ACA
CGL
WT Galectin-3
UEA
EEL
Human Galectin1
Mouse Galectin1
hGal-1-498**
ENA
BPL
PhoSL
GAL
IPS-K-4A28
Mono2R-CNL
Sp Serotype 1-2
Epa1-Np mutant Y228W
Sp Serotype 14-15
#14 Sialyl Lewis X (Calbiochem)
#15 Sialyl Lewis X (Leb)
CA19-9 Ab (DRG)
Epa1-Np mutant E227A
ABA
PCA
PHA-E
LEL
PNA
Ara-H1
PHA-L
VVL
VGA(EY Lab)
SBA
AIL
Epa1-Np WT
HML-Native
EEA(EY Lab)
Epa1-Np mutant E227G
rNV VLP-5
Epa1-Np mutant Y228A
Mono2A-CNL
PHA-E
mouse Gal-7
CA19.9-9L-26
MAL-II
STL
GNA (EY Lab)
LTL
GSL-I
CA19.9-1-15-STE
RCA(I (Vector)
Mono1-CNL
Threo-CNL
AAL
Bar-Ag
HA70 complex-Alage
CnSL
CA19.9-1-15-BGE
human Gal-1
Gal-3C
GSL-II (EY Lab)
Native-EPA
CMH
CMH-1
TD-B12
HHA(EY Lab)
VLRB.aGCA
GSL-12
hJAA-PT-B17
Mucin
DBA
BTL naive
GSL
SRL
NPA
SSLP-148
CC1G-10047
PWA
PCA
PCA-B
LBL-136
AFS(IV)
CSA(IV)
WGA
Aspergillus
Aspergillus
WT-YGC
ME7(detected with GA1-2B2)
WT-YGC
ME5(detected with GA1-2B2)
Mouse-MGL
MGL-418
MGL-BBB
AOL (Mabgal-Lab)
MGL-EA
MGL-EA
VGA
VGA
WGA(Seikagaku)
WGA(Seikagaku)
DC-ASGPR short

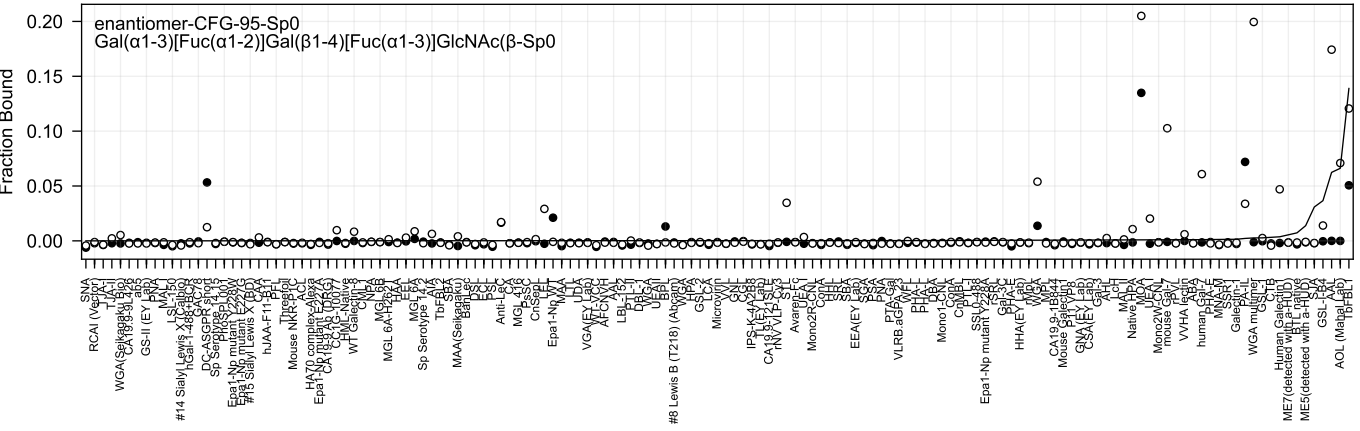

enantiomer-CFG-92-Sp0
GalNAc(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.0
0.2
0.4
0.6
0.8
SNA
MAL-I
PNA-LE
MAA(Seikagaku)
WAL-I
PNA
PSL
PTA-Gal
PTL-I
PNA
LEA
DSA
LEA
IPS-K-4A-288
GSL-I (EY Lab)
EEA(EY Lab)
PNA
PNA
MEL-A
MEL5(detected with a-HOD)
MEL7(detected with a-HOD)
NVP(FP-5)
Galectin-1
Galectin-7
PhoSPL(bot)
Galectin-3
hJAA-F11-BTA
GSL-I-B4
GSL-I-B4
HPA
Human Galectin1
Mouse Galectin1
UEA-I
SNA
GSL-I
PNA
Epa1-Np mutant E224A
VGA(EY Lab)
Anti Lap
ACL
AGL(Wakabio)
CA19-9(Wakabio)
Sp Secrp 98-14-28
hGal-1-Hu-Bovine
Bovine
Epa1-Np mutant Y208A
PNA
CA19.9-(TB244)
CA19.9-(TB244)
SSEA
CA19.9-(TB244)
SSEA
Epa1-Np mutant Y278W
GNA(EY Lab)
PSL
CA19.9-sialyl-Le
PSL
WT Galectin-3
AHL
Epa1-Np mutant E227Q
Sp Secrp98-14-2
Sp Secrp98-14-2
HA70 complex(Alexis)
#14 Sialyl Lewis X(Calbiochem)
Trimeric
WGA
HML-Native
PNA
TBS-A
TBS-A
Thy-1
PSL
#8 Lewis B(T218)(Abcam)
#15 Sialyl Lewis X(TB-F3)
Epa1-Np WT
BTL native
AAL
AAL
Kona
Microvirin
SSA
SSA
SSL-188
ABL-192
ABL-192
Coch
Coch
TL(EY Lab)
human Gal-7
LS-174
Native Gal-3
Gal-3C
VLRB aGP-3
RCA(Vector)
P11
VSA
WT Gal-1
mouse Gal-1
KCL
CTB
Mono2R
SBA
NGF-A
NGF-B
Mouse NGF
VVHA lectin
CnMBL
MGL 6A-HRSA
MGL-6B
Cn-Sepl
Mono2-N-CNT
CSA(EY Lab)
BBL
Mono1-SNT
CC1G-1007
MOVA
MOVA
VFL
SBA
SBA
WGA
WGA
WGA(Seikagaku)
WGA
WGA
WGA mutmer
DC-ASGPR short

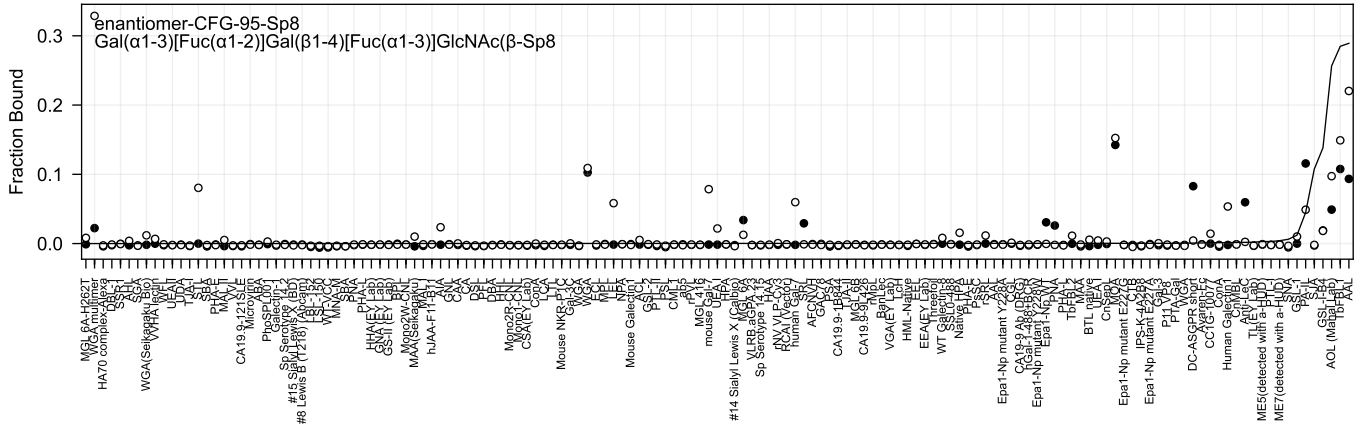

enantiomer-CFG-92-Sp8
GalNAc(β1-4)GlcNAc(β-Sp8
Fraction Bound
0.0
0.2
0.4
0.6
0.8
SNA
TJA
HML-Native
ME5(detected with a-HPD)
DBA
ABA
ABA
PSL
VGA(EY
KBA
LTL
MAL
PNA
PTL-II
MAA(Sei
PNA-II
PTA-I
IPS-1-4-2B8
TLE(EY
PHA-E
Epa1-Np mutant E227G
Epa1-Np mutant Y228W
Mouse Galectin-1
Epa1-Np mutant Y228W
CMA
CA19-9 Ab (PRG)
Galectin-7
CA19.9-121SLE
CA19.9-121SLE
UEA-I
hGal-1-488-BCH
#14 Sialyl Lewis X (Cer)
PsSG
CA19.9-9L426
CA19.9-121SLE
Epa1-Np mutant E227A
Epa1-Np mutant E227G
Epa1-Np WT
CA19.9-1B244
Epa1-Np mutant MAA-W
EEA(EY Lab)
EEA(Lab)
PSA
Sp Serotype 1
Sp Serotype 14
WGA(Cryo)
GSL-I-A4
ConA
ConA-B
WT Galectin-8
PTL-I
PTL-II
Sp Serotype 14-15
MOA
GNA (EY Lab)
#8 Lewis B (T2218) (Abcam)
PHA-E
hJAA-F11 IgM
Avarsin-Fc
HA70 complex-HPA
P11 VP8
human CTB
CTB
AOL (Mahal)
Lectin
GSL-I
#15 Sialyl Lewis A (BD)
Nalwiy (BD)
LEA-Tag
LBA-Tag
SGA
SGA
TxB
TxB-1
CGA
PAL
PAL
PHA-L
PHA-L
TJA-I
VLRB-GFP
VLRB-GFP
rNV-VLP-C93
Apo-Lac
Apo-Lac
LSL-150
Gal-3C
Apo-Gal
RCAI (Vector)
DEAD
DEAD
mouse HPD
ME7(detected with a-HPD)
GAL
GAL
SSA
SSA
TBA
MAX
RIC
RIC (native)
HHA
WT-LYCH
LAC-II
DSL
DSL
SBA
SBA
MGL 6A-H-2G7
MGL
MGL
Mono2W-CNL
GSL-I
GSL-I
CrMel-1
SJA
GS-II (EY
MGL-188
Mono2W-CNL
MGL-188
Ecl
Ecl
Orsino
LYCH (pectin)
Mouse NK1 (HD)
Bpl
Bpl
Mono1-SBL
SBL
CC1 (Lo)
CC1 (Lo)
WGA
WGA
SBA
SBA
VFL
VFL
WFL
WFL
WGA(Shikata)
WGA(Shikata)
Bio
Bio
DC-ASGPR
SIGN
WGA multimer

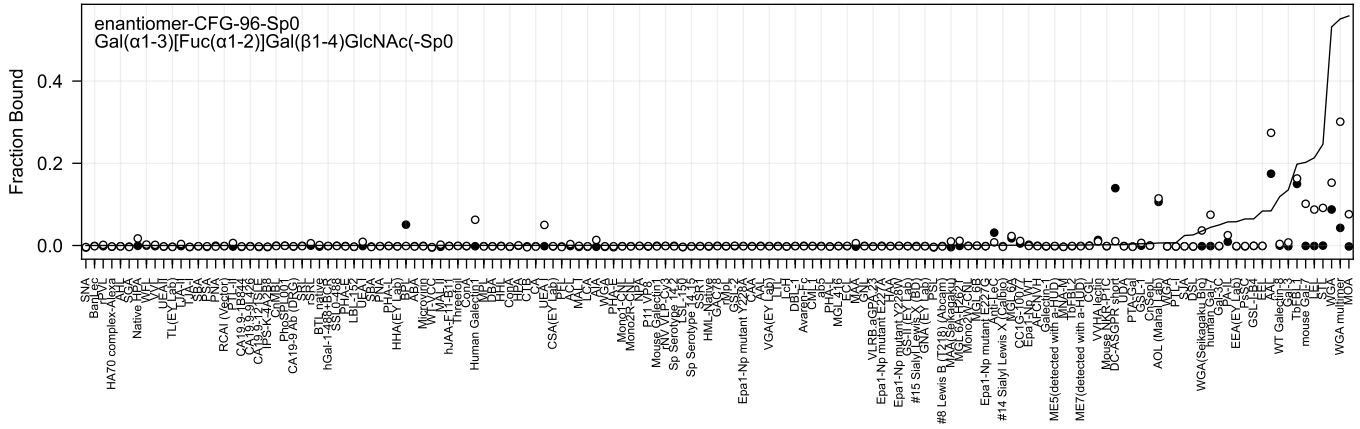

enantiomer-CFG-93-Sp8
Gal(α1-2)Gal(β-Sp8
Fraction Bound
0.25
0.20
0.15
0.10
0.05
0.00
MGL 6A-H2627
UEA1
PNA
MAA-M
TJA-I
ME5(detected with a
BT-1/2
SSA-A3B
SNA
MAA
HA70 complex
LSL-1B
SJA
BS-A
Bacillus
MGL-6B
CA19.9-12
AAL
Mono2WS
TL(EY Lab)
ABA
Native
Gal(EY Lab)
HFA(EY Lab)
PWA
SGA
NPA
Mono2R-C
Sp Serotype 1
AAA
Galectin-1
PsSC
GNA
CA19-9 Ab (DRG)
MAL
Phytohemagglutinin
Mouse Galectin-1
Epa1-Np mutant E
EEA
Epa1-Np WT
BPL
WT-Vibrio
PA
CSA(EY Lab)
#8 Lewis B (T218) (Abcam)
DBA
#15 Sialyl Lewis X
Sp Serotype 12
#14 Sialyl Lewis X
hGal-4 C18
MGL-6B
PCN
Epa1-Np mutant D
CA19.9-C228V
CA19.9-C228A
GSL-I-B4
HMA
Native
PTA
hAA-F1 (B17)
Mouse NKR-P1A
TPS-1-A288
Mouse myeloma
CA19.9-T244
Epa1-Np mutant E
ZAA
VSA
PSL
WFA
PHA-E
DC-ASGPR sol
Avarol
human Gal-3
Gal-3
AFCS
ACT
rNV VLP
Mouse CNL
Tepetopol
WGA
Epa1-Np mutant D
UEA1
AOL (Mahal Lab)
GNA
PCA
MPL
MAA(Seikagaku)
GNA (EY Lab)
mouse Gal-2
MAL-I
Tomato
CBA
TP-II
CNBL
WT-Vibrio
PCL
WGA(Seikagaku)
HGA
WFL
CC1(Tomato)
MGL 6A
VGA
MGL 6A
BTL (Napier lab)
BPL
DSL-1
Orchid
VLRA (AGA-2)
RCA
ME7(detected with a
Human Galectin-1
CSL
Arp
PSL-1
VVHA(Sigma)
PNA
GSL-I-B4

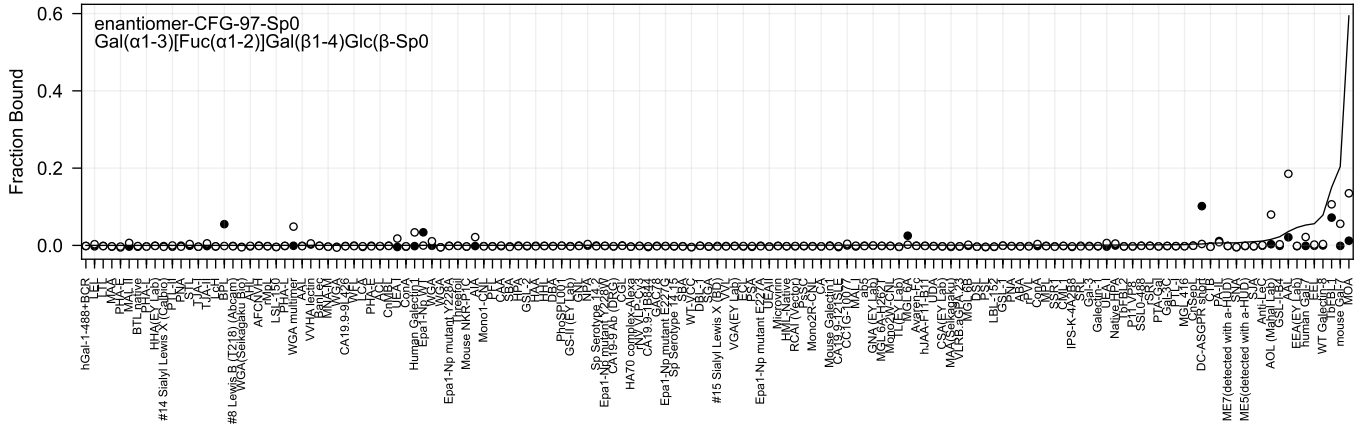

enantiomer-CFG-94-Sp0
Gal(α1-3)[Fuc(α1-2)]Gal(β1-3)GlcNAc(β-Sp0
Fraction Bound
0.6
0.4
0.2
0.0
SNA
Lab
HHA(EY Lab)
GS-II(EY Lab)
ab5
CA19 9-Mix(SWI)
CA19 9-Mix
CC1(SG-1)
VGA
Native UDA
UEA II
UDA
TL(EY Lab)
PNA
PHA-L
PHA-E
PSL
PAA
PTL
SBA
WT CNP
CNP
Epa1-Np mutant Y226V
Epa1-Np mutant Y226A
CA19-9 Ab(TDM1)
Avastin-Fc
Sp Serotype 14 CPS
MGF-416
MGF-418
hGal-1-488-BCH
#14 Sialyl Lewis X (Quanto)
#8 Lewis B (Quanto)
SSL-188
LSL-188
LSL-156
WGA
hJAA-F11-B11
CBA
MAL
MAA
BPL
Mono1-CNL
OAA
Tulesiol
Mouse NRP2
CTB
WGA
Mouse Galectin-3
CGA
UDA
Epa1-Np mutant Y226A
HA(To complex-type)
SNA
Bart-Lc
SBL
SBE
PHA-E
NPA
SSA
SSL1
PHA-L
PNA
CGL
PTL
PEL
PSL
VLRB.aGP.CA3
Sp Serotype 14 CPS
HML-Native
CNJ(1) BBA3
GSA-I
GSA-II
MGL-6A-Fc(Bio)
HGL
SRL
P11
UEA
CAA
CAA
MAL
MGL-6B
WGA mutant
MPL
MPL
MAL
WGA(Seikagaku Bio)
MAA(Sigma Lectin)
#15 Sialyl Lewis X(BD)
CSA
BSA
Mono2R-CNL
DC-SIGNR short
AOL (Mahal Lab)
MGL-6A
BTL
AF-CRVH
RCA(Vector)
ABA
VGA
Galectin-1
Human Galectin-3
AGL
ACL
DBL-1
MNA-M
MNA-N
GNA (EY Lab)
PAL
Epa1-Np mutant Y226A
ME7(detected with a-HUD)
VGL
IPS-K-4A(BD)
ME5(detected with a-HUD)
TBC
CML-1
GSL-I-B4
GSL-I-A4
EEA(EY Lab)
PTA-Gal
human Galectin-7
Ann-Lec
WT Galectin-3
mouse Galectin-3
MOA

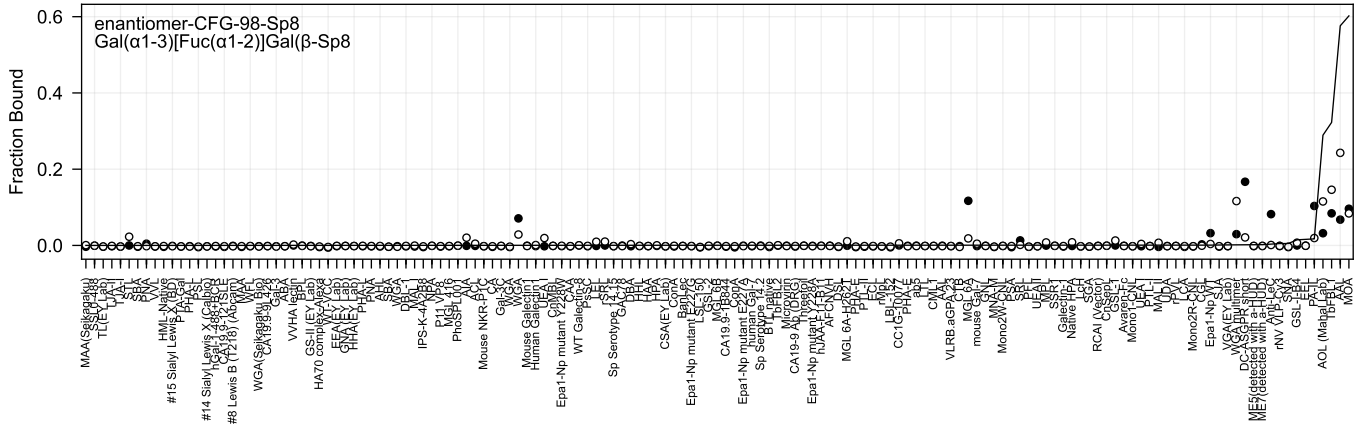

enantiomer-CFG-94-Sp8
Gal(α1-3)[Fuc(α1-2)]Gal(β1-3)GlcNAc(β-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
hAA-F11-B11
HA70 complex
Alexa
Banlec
CA19-9 - PB44
IgG-A2D38
Mouse IgG
aGb
GNA
SNA
WT
SBA
St-196
SSL-7
AIA
PSL
#15 Sialyl Lewis X (6p)
Epa1-Np
Epa1-Np mutant E222A
Epa1-Np mutant Y222A
HML-Native
MGL-416
Tb-62
#14 Sialyl Lewis X (Neoglycol)
hGal-1-488-BCR
PhoSL-2-BW
Epa1-Np mutant E222A
CA19-9-424
MGL 6A-H2Kd
PNA
SLE
CA19-9-12
CA19-9 Ab (DRE)
Sp Serotype
BP
rNV VLP-Cy3
PF
HPL
MGL 6B
CG
TL(EY Lab)
GNL
#8 Lewis B (T218) (Abcam)
Sp Serotype
UEA-1
ACA
Gp2
PHA-L
SBA
Mouse NK
PF
CSA(EY Lab)
MPL
VVHA-Jac-II
MGL 6A
SJA
UEA
HPA
MAA(Seikagaku)
ACA(Vector)
CAA
GS-II (EY Lab)
MPL
GNA (EY Lab)
P11
VZA
DSA
T-Jet-II
GSL-I
Native SBA
VGA(EY Lab)
Epa1-Np mutant E222G
AOL (Mahal Lab)
WGA
DBA
BTL native
PNA
Mono2W-ONT
Mono1-CONT
HHA(EY Lab)
Mono2B-ONT
Mono2B-SIGT
Mono2B-GALT
Mono2B-GLCT
Mono2B-GLCNT
KRSCN
Avapep-Fc
ME7(detected with a-HUD)
ABA
WGA(Seikagaku)
ME5(detected with a-HUD)
ABA
WGA-gallinin
Human Galectin-1
DC-ASGPR
MAL-II
Galectin-1
Tn
PsSC
GalA
CTB
GSL-I-B4
EEA(EY Lab)
Galectin-3
SNA
human Galectin-3
EEL
PHA-Gal
PHA-L
BTL-3
WT Galectin-3
mouse Galectin-3
MOA

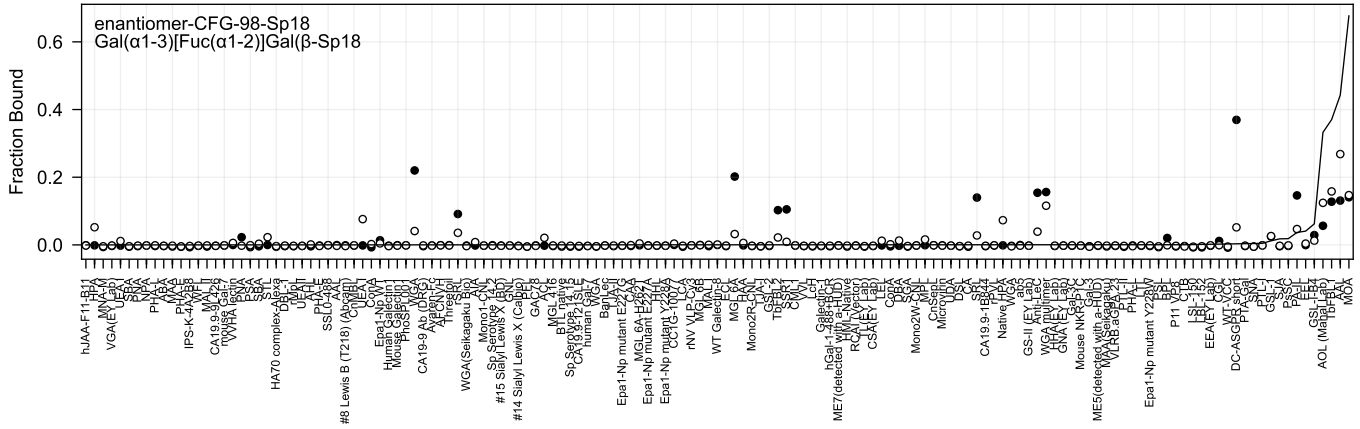

enantiomer-CFG-95-Sp0
Gal(α1-3)[Fuc(α1-2)]Gal(β1-4)[Fuc(α1-3)]GlcNAc(β-Sp0
Fraction Bound
0.20
0.15
0.10
0.05
0.00
SNA
RCAI (Vector)
TJA-I
WGA(Seikagaku)
CA19-9-1 426
GS-II (EY Lab)
MAL
MAA
LSL-Lab
#14 Sialyl Lewis X (Lab 150)
hGal-1 488-BGH
DC-ASGPR-Fc
Sp Serotype 1 A15
Epa1-Np mutant Y228W
#13 Sialyl Lewis X (BG)
Epa1-Np mutant Y228A
hAA-f11
BPL
Mouse NKR-P1
Threefold
ACL
H-70 complex glycan
Epa1-Np mutant Y228F
CA19-9-1 426 (BG)
CD1d
HMC-Native
WT Galectin-3
NPA
MGL 6A (Pazo)
HA
HAA
MGL 4A
Sp Serotype 1 A2
TbT-BL2
MAA(Seikagaku)
Banlec
ECL
ECA
Anti-Lsc
MGL 4C
PsaC
CnSepB
Epa1-Np WT
MAA
UDA
VGA(EY Lab)
WT-VVG
AFC-AVH
LBL-1
DBL-1
VFA
BPL
#8 Lewis B (T218) (Abcam)
LPA
GNA
GLA
LCA
Microcystin
GNL
IPS-K-4A2B8
CA19-9-1 5A1
CA19-9-1 5A3
NV-VLP 3C3
Avarol
UEA-I
Mono2rCONA
CSA
TIBL
SBA
EEA(EY Lab)
PSA
PNA
PTA-Gal
VLRB.aGFP
AAL
BHA-T
BHA-I
DBA
Mono1rCONA
CAA
SSU-1-1B
Epa1-Np mutant Y228A
Gal-3C
Gal-1
HHA(EY Lab)
WGA
WFA
CA19-9-1B244
Mouse B11-Y28
GNA(EY Lab)
CSA(EY Lab)
Gal-3
ACH
Native MAA
MAA
Mono2WCONA
mouse Gal-7
VVHA lectin
human Gal-9
PHA-E
PHA-L
MOA
SSA
Galectin-1
CSL3
WGA mutant
CSL2
Human Galectin
ME7(detected with a-HD)
BTL (native)
ME5(detected with a-HD)
GSL-I-B4
AOL (Mabgal)
TbT-BL1

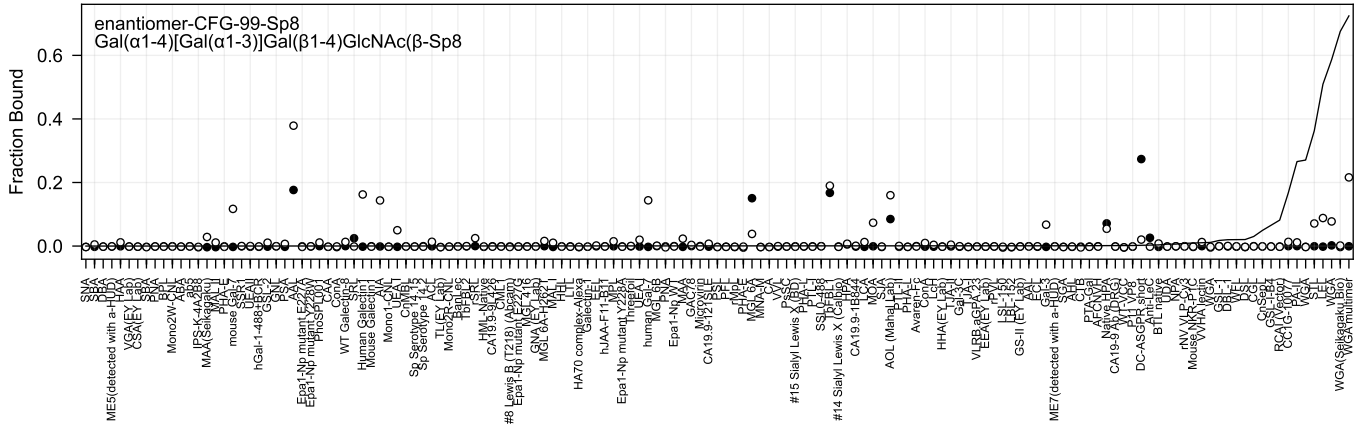

enantiomer-CFG-95-Sp8
Gal(α1-3)[Fuc(α1-2)]Gal(β1-4)[Fuc(α1-3)]GlcNAc(β-Sp8
Fraction Bound
0.3
0.2
0.1
0.0
MGL6A-H262T
WGA
Amulinter
HA70 complex-Jaxa
SSA
SSA1
AJL
WGA(Seikagaku)
Bio
WHA
Wolf
UEA1
TJA-I
SBA
SBA
PHA-E
PHA-L
MVL
VVL
CA19.9-L32
MUC1-Lab
PhoSL
ABA
PhoSL
ABA
Galectin-1
Sp Serotype 14.15
#15 Sp Serotype 19F (6.2)
#8 Lewis B (Y-2178) (Acapa)
LSL-1
LSL-1
WTA
VVA
MPA
SBA
PNA
PNA
PSA
PSA
GHA(EY Lab)
GSL-I (EY Lab)
BRL
BRL
Mono2W
MAA(Seikagaku)
hJAA-F1
MAL
AAL
AAL
CGA
CGA
BPL
BPL
DBA
DBA
Mono2R-CNL
CSA(EY Lab)
CoPA
CoPA
TL1
TL1
Mouse NKR-P1C
Galectin-3
WGA
WGA
ECL
ECL
MEL
MEL
NPA
NPA
Mouse Galectin-7
GSL-I
GSL-I
PSL
PSL
CML1
CML1
PVL
PVL
MGL (Lab)
MGL (Lab)
mouse Galectin-9
UEA1
UEA1
#14 Sialyl Lewis X (Calbiochem)
Sp Serotype 14.15
VLRB.aGPA.v3
Sp Serotype 14.15
rDNV VLR Cv3
rDNV VLR Cv3
Human Galectin-7
SSL
SSL
AFGN2
GAL
GAL
CA19.9-L32
CA19.9-L32
CA19.9-L28
CA19.9-L28
MOL
MOL
BoNT
BoNT
VGA(EY Lab)
VGA
HML-Nature
EEL
EEA(EY Lab)
EEA
Triticum
WT Galectin-8
Galectin-8
Native HPA
Native HPA
PSSL
PSSL
RSL
RSL
Epa1-Np mutant Y-228A
Epa1-Np mutant Y-228A
CA19-9 Ab (OGS)
CA19-9 Ab (OGS)
hGal-1-488-BCB
hGal-1-488-BCB
Epa1-Np mutant N-229A
Epa1-Np mutant N-229A
PNA
PNA
TCEB-L2
TCEB-L2
MVA
MVA
BTL (EY Lab)
BTL
UEA1
UEA1
Cnn
Cnn
MOA
MOA
Epa1-Np mutant E-227A
Epa1-Np mutant E-227A
IPS-K-4-2-18
IPS-K-4-2-18
Epa1-Np mutant E-227A
Epa1-Np mutant E-227A
Gal3
Gal3
PJ1
VB4
PJ1
VB4
WGA
WGA
DC-ASGPR short
DC-ASGPR short
CCTP-10077
CCTP-10077
Human Galectin-1
Galectin-1
CPMEL
CPMEL
AJL
AJL
TL(EY Lab)
TL(EY Lab)
ME5(detected with a-HLD)
ME5(detected with a-HLD)
ME7(detected with a-HLD)
ME7(detected with a-HLD)
GSL
GSL
PSL1
PSL1
GSL-I-B4
GSL-I-B4
AOL (Wako)
AOL (Wako)
AAL
AAL

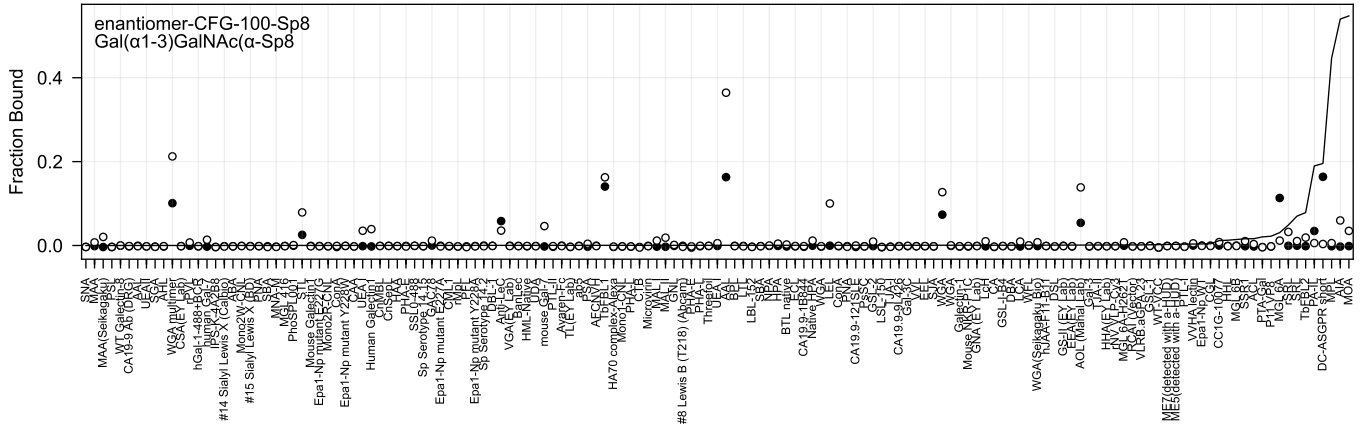

enantiomer-CFG-96-Sp0
Gal(α1-3)[Fuc(α1-2)]Gal(β1-4)GlcNAc(-Sp0
Fraction Bound
0.0
0.2
0.4
SNA
Barley
PVE
HA70 complex-A
ABE
SBA
Native WF
WF
UEAII
TL(EY Lab)
VIA
SBA
PNA
RCAI (Vector)
CA19-9-DSLNLC
CA19-9-DSLNLC
CA19-9-12TSLE
IPSA-CGMBP
CA19-9-LNnT
PNGaseF(Dot)
CA19-9-AD (Dot)
SSL7
rBTA
BTL
hGal-1-488-B488
SS-B-488
PHA-E
LBL-I-52
ACA
SBA
PHA-L
P-PNA
ABA
HHA(EY Lab)
ABA
Morovod
MAL-1
hJAA-1
Thrombo
Human Galectin-3
ConA
KPL
LFA
CgBA
CTB
UEA
CSA(EY Lab)
ACL
MAL
AIA
VIA
VVA-B
PWM
Monod-CNF
Monozk-CNF
CNF
Mouse E11 VLP-293
RV VLP-293
Sp Serotype 14-13
Sp Serotype 14-13
Sp Serotype 15-13
HML-native
GAA08
GAA08
Epa1-Np mutant T226A
Epa1-Np mutant T226A
VGA(EY Lab)
AAL
LEL
DBL-1
Avarol-Fc
CAA
Jacalin
MGL-6-16
FCA
FCK
GNA
VLRB.aE2
Epa1-Np mutant E227A
Epa1-Np mutant E227A
#15 Sialyl Lewis X (BD)
Lewis X (BD)
GNA (EY Lab)
#8 Lewis B (J118) (Accam)
MGL-6-288bv
MGL-6-288bv
MonoXG-98
Epa1-Np mutant E227G
#14 Sialyl Lewis X (Calbiochem)
Epa1-Np WT
CC1-Alcian-62
Epa1-Np WT
Galectin-1-L
Galectin-1-H
TcBL-1
TcBL-4
ME5(detected with a-HCD)
ME7(detected with a-HCD)
VVHA(Jacob)
Mouse Galectin-1
DC-SIGNR short
UDA
PTA
GSL-I
Chitin
AOL (Marchal)
VICA
PSA
SJA
WGA(Seikagaku, Lot)
human Galectin-7
human Galectin-7
GRA-C
EEA(EY Lab)
GSL-I-B4
GSL-I-B4
AAL
ABL
WT Galectin-3
TcBL-3
TcBL-1
mouse Galectin-7
STL
WGA
WGA mutant
MOA

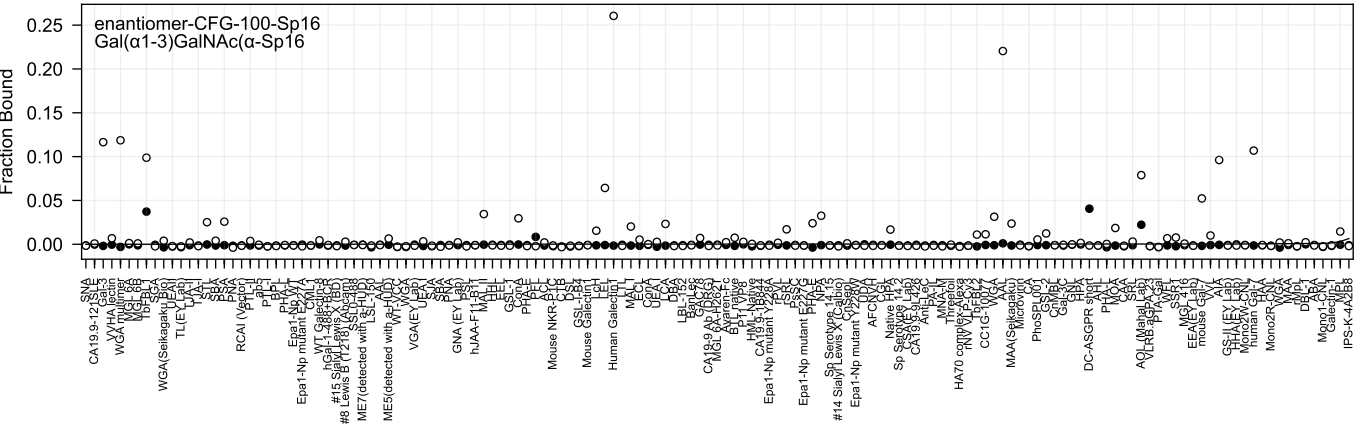

enantiomer-CFG-97-Sp0
Gal(α1-3)[Fuc(α1-2)]Gal(β1-4)Glc(β-Sp0
Fraction Bound
0.0
0.2
0.4
0.6
hGal-1-488+BCR
BCR
MIT
MIT
PHA-E
PHA-E
NAnA-P
NAnA-P
BTL
BTL
PSA-F
PSA-F
HHA(Lectin Labs)
HHA(Lectin Labs)
#14 Sialyl Lewis X (Lectin Labs)
#14 Sialyl Lewis X (Lectin Labs)
PHA-L
PHA-L
SNA
SNA
TJA-I
TJA-I
TJA-II
TJA-II
BS
BS
#8 Lewis B (T218) (Abram)
#8 Lewis B (T218) (Abram)
WGA(Seikagaku Bio)
WGA(Seikagaku Bio)
AFCNA
AFCNA
LS
LS
MVD
MVD
HHL
HHL
WGA mutant
WGA mutant
ACL
ACL
VVHA (Lectin Labs)
VVHA (Lectin Labs)
MAA
MAA
MNA-N
MNA-N
CA19.9-9426
CA19.9-9426
WFL
WFL
PHA-E
PHA-E
CnA
CnA
MEL
MEL
UEA-I
UEA-I
Human Galectin1
Human Galectin1
WGA
WGA
Epa1-Np
Epa1-Np
Epa1-Np mutant Y
Epa1-Np mutant Y
Mouse NKR-P1C
Mouse NKR-P1C
Mono1-CNL
Mono1-CNL
CAA
CAA
SBA
SBA
GSL-I-B4
GSL-I-B4
HPA
HPA
DBA
DBA
PhoSL (Lectin Labs)
PhoSL (Lectin Labs)
GS-I (Lectin Labs)
GS-I (Lectin Labs)
GNL
GNL
Sp Serotype 12
Sp Serotype 12
Epa1-Np mutant 12
Epa1-Np mutant 12
UA (Lectin Labs)
UA (Lectin Labs)
CGL
CGL
HA70 conjugate
HA70 conjugate
CA19.9-BSA
CA19.9-BSA
Epa1-Np mutant E227G
Epa1-Np mutant E227G
Sp Serotype 1
Sp Serotype 1
SJA
SJA
WFL
WFL
DSA
DSA
#15 Sialyl Lewis X (Lectin Labs)
#15 Sialyl Lewis X (Lectin Labs)
VGA(EY Lab)
VGA(EY Lab)
ESA
ESA
Epa1-Np mutant E127A
Epa1-Np mutant E127A
Microvirin
Microvirin
RCA (Vector Lab)
RCA (Vector Lab)
Mono2R-PSC
Mono2R-PSC
CA
CA
Mouse Galectin1
Mouse Galectin1
CAA (Lectin Labs)
CAA (Lectin Labs)
CCL2G-1-W77
CCL2G-1-W77
Mabs
Mabs
GNA(EY Lab)
GNA(EY Lab)
Mouse2N-CNL
Mouse2N-CNL
TLL (Lectin Labs)
TLL (Lectin Labs)
KAL (Lectin Labs)
KAL (Lectin Labs)
hJAA-F1
hJAA-F1
AvaFL-Fc
AvaFL-Fc
UDA
UDA
MAA (EY Lab)
MAA (EY Lab)
CSA(EY Lab)
CSA(EY Lab)
VVRB-aGal
VVRB-aGal
MCA
MCA
DSL
DSL
PSL
PSL
LBL
LBL
GSL-I
GSL-I
ABA
ABA
PVL
PVL
CGA
CGA
SSA
SSA
SSL1
SSL1
IPS-K-4-2B8
IPS-K-4-2B8
Gal-1
Gal-1
Galectin-1
Galectin-1
Native HPA
Native HPA
PTL-I
PTL-I
SSL1-488
SSL1-488
PTA
PTA
Gal
Gal
Gal-3C
Gal-3C
MGL 416
MGL 416
DC-ASGPR Sepharose
DC-ASGPR Sepharose
CTB
CTB
ME7(detected with a-FUD)
ME7(detected with a-FUD)
ME5(detected with a-FUD)
ME5(detected with a-FUD)
SJA
SJA
AOL (Vector Lab)
AOL (Vector Lab)
GSL-I-B4
GSL-I-B4
EEA(EY Lab)
EEA(EY Lab)
human Galectin-1
human Galectin-1
WT Galectin-3
WT Galectin-3
mouse Galectin-1
mouse Galectin-1
MOA

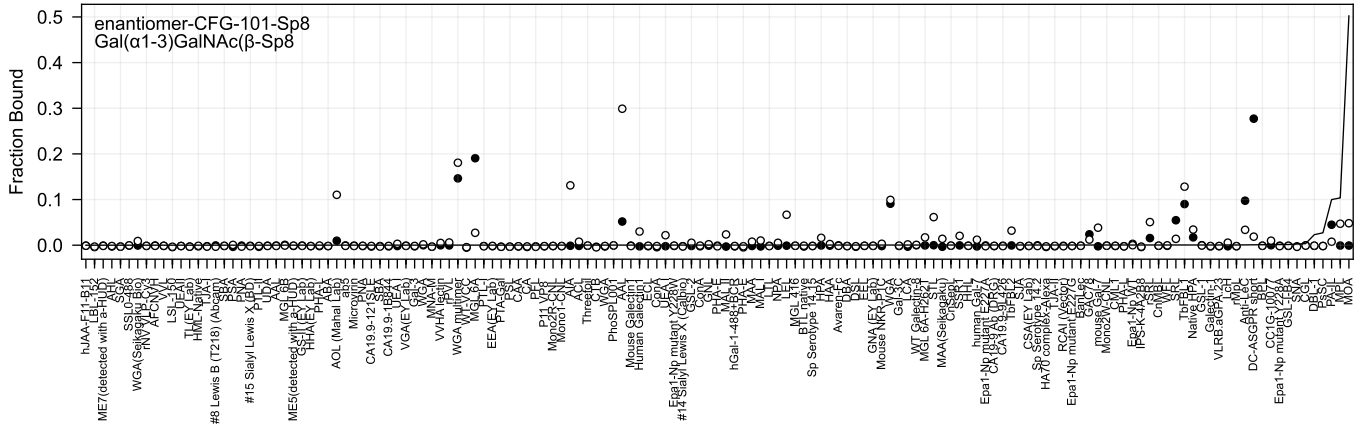

enantiomer-CFG-98-Sp8
Gal(α1-3)[Fuc(α1-2)]Gal(β-Sp8
Fraction Bound
0.0
0.2
0.4
0.6
MAA(Seikagaku)
SNA
TL(EY Lab)
WFA
VVA
SBA
PNA
#15 Sialyl Lewis A (Calbiochem)
HML-Native
PHA-L
PHA-E
#14 Sialyl Lewis X (Calbiochem)
hCgal1 488-rec
#8 Lewis B (72.187) (Abcam)
WGA
UEA-I
WGA(Seikagaku)
Bap
CA19-9
Gal-3
VVHA
ABA
BPL
GS-II (EY Lab)
HA70 (mouse)
WT-Y2-2
EFA (EY Lab)
GNA (EY Lab)
HHA(EY Lab)
PNA
SBA
WGA
DSA
MAL-1
IPS-K-4
PBR
P11
VP8
PhoSL
PhoSH
AAA
Mouse NKR-P1C
Gal-3C
WGA
Mouse Galectin1
Human Galectin1
CCRP
Epa1-Np mutant Y-2
CAA
WT Galectin-8
Pep
TEL
Sp Serotype 1
GAC-8
DBA
HPA
CSA(EY Lab)
Con A
Epa1-Np mutant E-2
LSL
GSL-I
CA19-9 Mouse
Epa1-Np mutant Gal-4
Epa1-Np mutant Gal-9
Sp Serotype 14.2
BT-PBR-2
TcPBR-2
CA19-9 Microbial
Epa1-Np mutant Tuscan
Epa1-Np mutant FLAA-1-FB11
AFCONA1
MGL 6A-B621
PTL-I
RCA
LBL-192
CCTG-PHA-E
PHA-E
ap5
CML-1
VLRB.aGPA.A1
CTB
mouse Gal-9
Mono2-CNL
SSA
BPL
UEA-I
SSR-1
Galectin-1
Native HPA
SGA
RCAI (Vector)
CSTP-1
Avarocytic
Mono2-UEA-I
MAL-1
UDA
LCA
Mono2R-CSL
Epa1-Np WT
VGA(EY Lab)
DCA(Sigma)
MEA(detected with a-HUD)
ME7(detected with a-HUD)
nVV VLP-SV3
GSL-I-B4
PAL
PEL
AOL (Mabtech)
Tbx-21
PAL
MOA

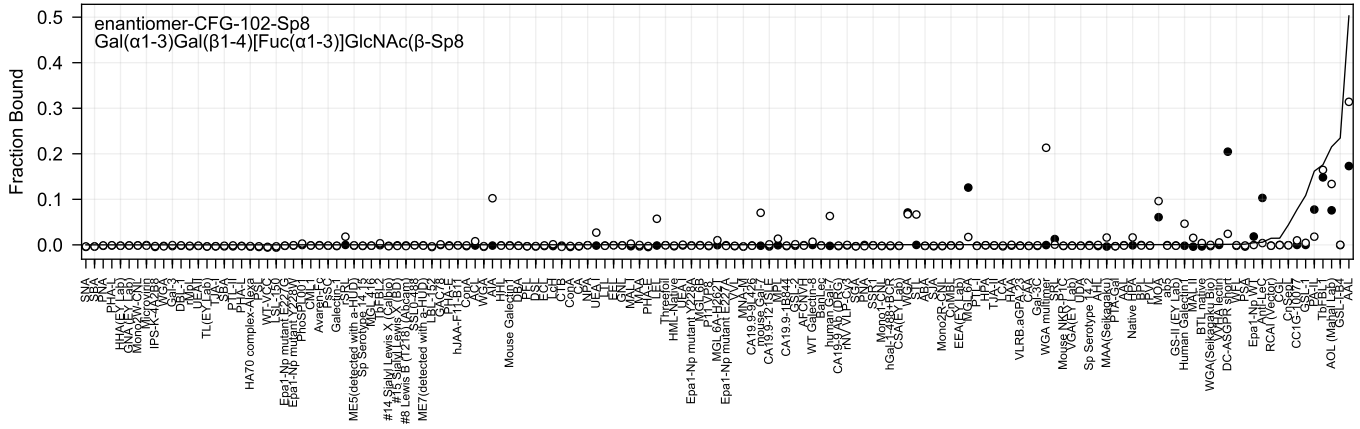

enantiomer-CFG-98-Sp18
Gal(α1-3)[Fuc(α1-2)]Gal(β-Sp18
Fraction Bound
0.0
0.2
0.4
0.6
hJAA-F11 (B1)
MVA-M
VGA(EY Lab)
UEA
SBA
PNA
WFA
MAA
PHA-L
IPS-K-4A288
MAL I
CA19.9-SC-229
WGA(Biotin)
DBA
SBA
ECA
HA70 complex-Alexa
DSL-1
UEA I
PHA-E
PHA-L
SSL0-488
AAL
#8 Lewis B (T218) (Abcam)
CMBL
CCL
CoA
Epa1-Np mutant E227G
Human Galectin-1
Mouse Galectin-1
PhoSL
WGA
CA19-9 Ab (BD)
APCNV-H
Thrombin
WGA(Seikagaku)
Bro
Mono1-CNL
#15 Sialyl Lewis X (BD)
Galectin-7
#14 Sialyl Lewis X (Calbiochem)
GNL
GAL
MGL 416
Bro
Sp Serpin 1 (4-18)
CA19.9-r2-SLE
human WGA
Bap
Epa1-Np mutant E227G
MGL 6A-E227G
Epa1-Np mutant E227A
Epa1-Np mutant Y228A
CCTG-100-A
rNV VLP-C-G4
MAL I
WT Galectin-3
MGL 6A
Mono2R-CNL
GSL-I
TBFB-1-2
SSA
SSL1
VVL
VVL I
Galectin-1
hGal-1 488-HDL
ME7(detected with a-HDL)
MVA-Native
RCA(EY Lab)
CSA(EY Lab)
CoA
DBA
Mono2W-CNL
CnSerp1
Microvilin
DSA
SNA
CA19.9-1B44
Native HPA
WGA
GS-II (EY Lab)
WGA Alulinker
GNA (EY Lab)
Galectin-3C
Mouse NKR-P1
ME5(detected with a-HDL)
MVA(Biotin-Seq)
PHA-E
PHA-L
Epa1-Np mutant Y228W
BPL
P11
CTB
LSL-1 B2
LSL-1 B4
EEA(EY Lab)
WT VCC
DC-ASGPR short
PHA-L
SNA
GSL-I
SJA
PAL
FEL
GSL-I B4
TBFB-1
AAL
AOL (Matlab Lab)
MOA

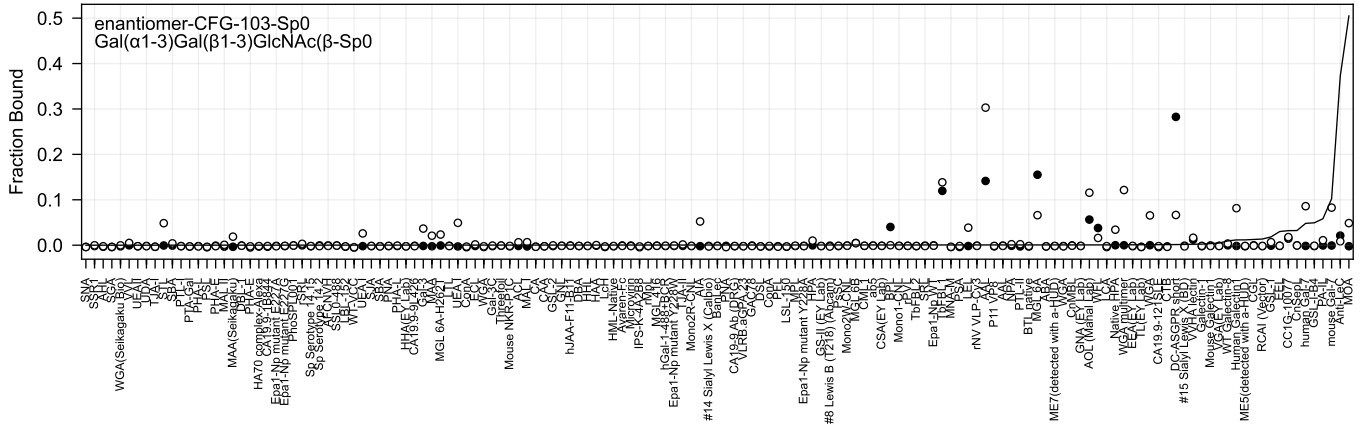

enantiomer-CFG-99-Sp8
Gal(α1-4)[Gal(α1-3)]Gal(β1-4)GlcNAc(β-Sp8
Fraction Bound
0.0
0.2
0.4
0.6
SNA
SNA-I
DBA
ME5(detected with a-HUD)
HAA
CSA(EY Lab)
SBA
BPA
Mono2W-CNL
ABA
MAA(Sakagaki)
IPS-K-ABA
PNA-LI
mouse Gal-7
SBA-I
hGal-1-488-BCB
GNL
PSA
Epa1-Np mutant Y228A
Epa1-Np mutant Y228A
PhoSL(EY Lab)
CAA
Galectin-8
WT Galectin-1
Human Galectin-1
Mouse Galectin-1
Mono1-CNL
UEA1
CrPA
Sp Serotype 14-15
Sp Serotype 1-2
TL(EY Lab)
Mono2-CNL
Bauhinia
TBP-B
TBP-C
HML-Nanog
CA19.9-CMT
#8 Lewis B (T218) (Abcam)
Epa1-Np mutant Y228A
MGE-218
SNA
MGL6(EY Lab)
MAL
HPA
HA70 complex-Alexa
Galectin-1
LEL
hJAA-F11
Epa1-Np mutant Y228A
Thy1(EY Lab)
human Galectin-7
PNA
Epa1-Np
WA
GAC78
CA19.9-CMT
MGL(EY Lab)
BPL
PNL
MGL-E5
MNA-N
VVL
#15 Sialyl Lewis X (TBD)
PHA-L
SSL-188
#14 Sialyl Lewis X (TBD)
PHA-E
CA19.9-1-BCA
MOA
MCA
AOL (Mahal Lab)
PHA-I
Avarin-FC
CCA
HHA(EY Lab)
Galectin-3C
VLRB.aGPA23
EEA(EY Lab)
LSL-152
LSL-156
GS-II (EY Lab)
AAL
Galectin-3
ME7(detected with a-HUD)
ACL
AOL
CTA
PTA
AFCN
NPA
CA19-9-AB-TDLG
PHA-L-Vector
DC-ASGPR s/ligt
BTA
Bauhinia
VGA
rNV VLP S/3
Mouse NMA-FITC
WGA
VVA
DBL-1
WFL
CGL
GSL-I-B4
GNL
RCA(Vector)
CCA(Vector)
PAL
WGA
TEL
WGA(Sakagaki)
WGA(Bio)
WGA-multimer

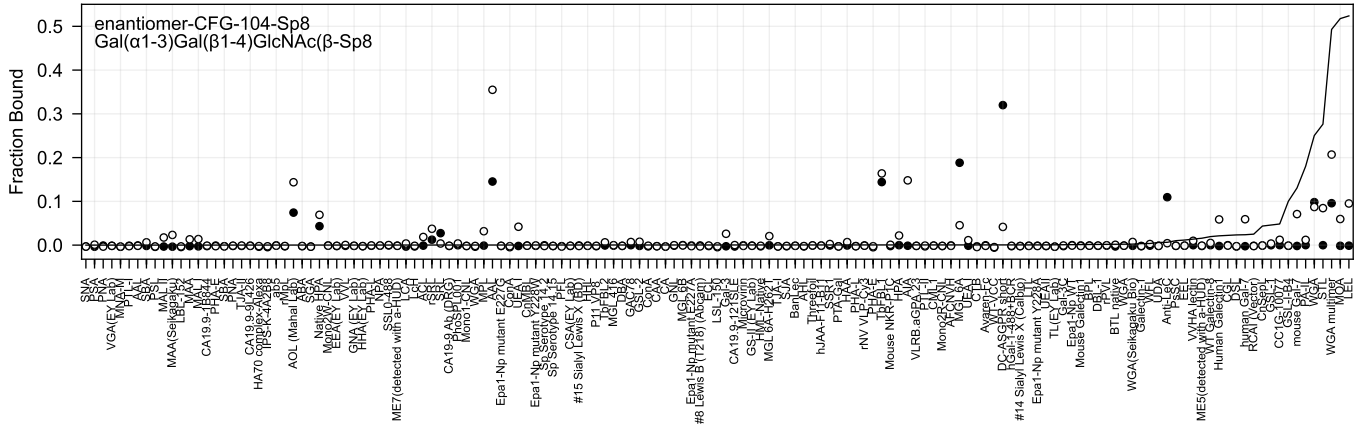

enantiomer-CFG-100-Sp8
Gal(α1-3)GalNAc(α-Sp8
Fraction Bound
0.0
0.2
0.4
SNA
SNA
MAA(Seikagaku)
WT Galectin-3
CA19.9 Ab (DKFZ)
UEA-I
UEA-I
ACL
WGA (Vector)
PNA
hGal-1-488 (Lab)
PSA
#14 Sialyl Lewis X (CarbeBe
#15 Sialyl Lewis X (Abeo)
Mono2-Y (GDL)
BNA
MNA
NGA 416
PhoSL (EY Lab)
STL
Mouse Galectin-3
Epa1-Np mutant Y2280
Mono2R-CNF
Epa1-Np mutant Y2280
LEA
LEA
Human Galectin-1
CrSBL
HKA
PTA
SSL1-488
Sp Serotype 14-78
Epa1-Np mutant Y2274
CVN
Epa1-Np mutant Y2274
Epa1-Np mutant Y2274
Sp Serotype 14-2
Alt-1 (EY Lab)
VGA(EY Lab)
HML-Native
GNA
mouse Galectin-1
PHL-II
AVL(EY Lab)
TL(EY Lab)
ABA
ABA
AECM
AECM
TJA-II
HA70 complex
Mono2-CNF
PHA-E
CTB
Microvillin
MAL-II
#8 Lewis B (T218) (Abeam)
PHA-L
Thrombin
UEA-I
BPL
BPL
SBA
LBL-152
SBA
HPA
HPA
BTL native
CA19.9-1B244
Native VGA
VGA
CGA
CGA
PNA
PNA
CA19.9-12-SSC
CA19.9-12-SSC
LSL-1
LSL-1
CA19.9-1A236
CA19.9-1A236
Galectin-7
VVL
STA
STA
WGA
WGA
Galectin-10
Mouse Galectin-1
GNA (EY Lab)
LCA
LCA
GSL-I-B4
DBA
DBA
VFL
WGA(Seikagaku)
SJA(Kaeph Bio)
DSL
GSII (EY Lab)
EEA(EY Lab)
AOL (Marha Lab)
YPA
YPA
HHA(EY Lab)
NN(VTP-024)
MSL-6A(VTP-026)
MSL-6A(VTP-026)
VLRB.aGPA-23
wt-SSC
wt-SSC
MEZ(detected with a-HUD)
MEZ(detected with a-HUD)
VVA(Legolin)
Eel-1(Alexis)
CCL2
CC1G-1(HT)
MGL-1
MGL-1
MGL-6B
XCL
PTX-3
PTX-3
MGL-6A
SBL
SBL
Tbp-1
TBPLL2
MAA
MAA
DC-ASGPR s/pH
MAA
MOA

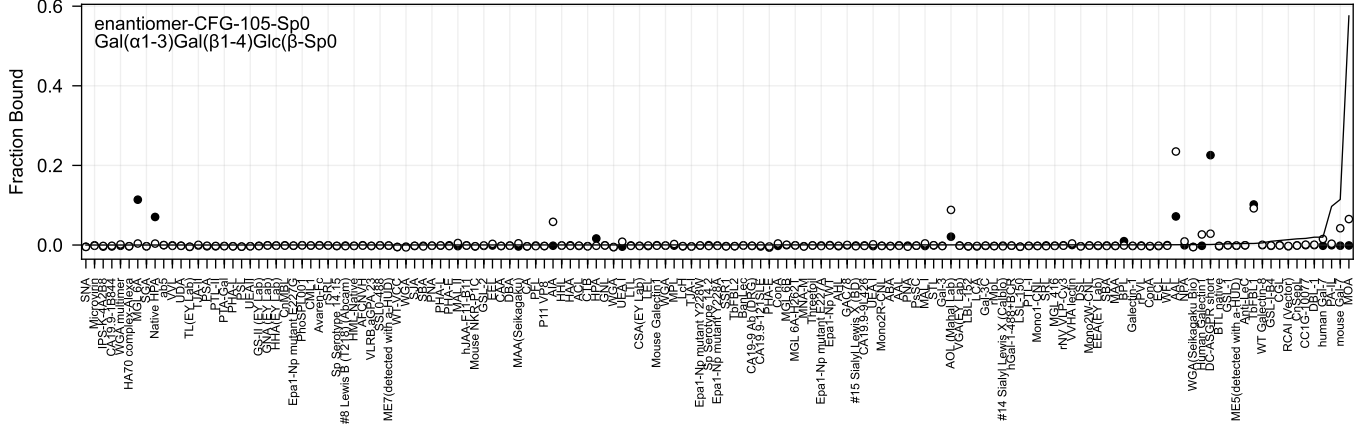

enantiomer-CFG-100-Sp16
Gal(α1-3)GalNAc(α-Sp16
Fraction Bound
0.25
0.20
0.15
0.10
0.05
0.00
SNA
CA19.9-12
SNA
Galnt3
VVHA
WGA
Galnt6
WGA
Galnt7
MGL
MGL
MGL
TdFBP-1
WGA(Seikagaku)
BSL
LEA
TL(EY Lab)
LEA
VVL
GSL
SBA
SBA
PNA
RCAI (Vector)
PNA
ABA
EPL
Epa1-Np
Epa1-Np mutant E227Q
Epa1-Np mutant E227A
WT Galectin-3
#8 Lewis B (Y-2189) (Acam)
ME7(detected with a-HOD)
ME5(detected with a-HOD)
VGA(EY Lab)
VGA
UEA
SBA
SBA
GNA (EY Lab)
GNA
hJAA-F11
MAL II
EEL
EEL
GSL-I
PHA-E
PHA-E
ACL
Mouse NKR-P1C
OSA
Mouse Galectin-1
Mouse Galectin-3
LCA
Human Galectin-1
LCA
MCL
MCL
CGA
CGA
LCA
LBL
LBL
CA19-9 Ab (DSHB)
CA19-9 Ab (Abcam)
MGL (Vector)
Ara-Neo-2
BPL
BPL (native)
CA19-9 (Abcam)
HML-Native
Epa1-Np mutant Y226V
PSA
PSA
Epa1-Np mutant E227Q
PNA
KPL
#14 Sialyl Lewis X (Cosbio)
Epa1-Np mutant Y226V
AFCVN
Native HPA
Sp Sarcoma 180
CA19-9 IgG
Amphacin
MNA-M
Tomato-Alexa
HA70 complex
INV
DEBA2
CC1G-10027
AAL
MAA(Seikagaku)
PhoSS-001
CaMel
Galectin-8
GNL
DC-ASGPR - STA
ACL
PNA
MOA
SAA
SAA
AOL (Mahal Lab)
VLRB aptamer
WFL
SNA
SP-18
MGP-18
EEA(EY Lab)
mouse Galectin-9
VVL
VVL
GSII (EY Lab)
HHA(EY Lab)
Monoclonal
human Galectin-1
Monoclonal
Monoclonal
Monoclonal

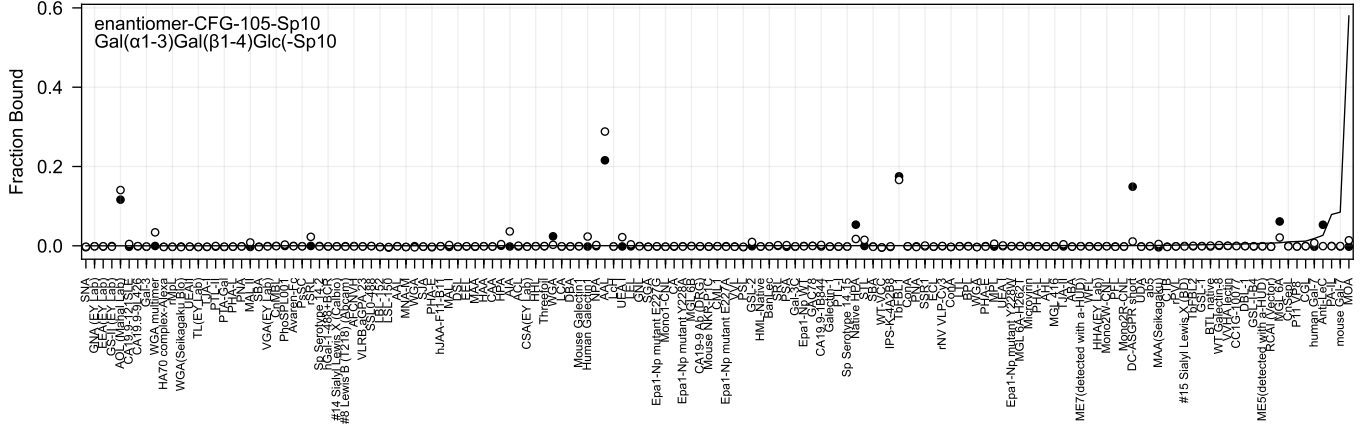

enantiomer-CFG-101-Sp8
Gal(α1-3)GalNAc(β-Sp8
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
hJAA-F11-B11
LEL (Lab)
ME7(detected with a-hLD)
SSA
SSL(Lab)
WGA(Seikagaku)
NNV(Lab)
ACG
VVL
LSL (Lab)
TH(EY Lab)
HMI-NaNAz
#8 Lewis B (T218) (Abcam)
BSA
BSL
#15 Sialyl Lewis X (Lab)
PHL
UDA
ME5(detected with a-hLD)
MGL (Lab)
GSL II (EY Lab)
HHA(EY Lab)
PHA-L
ABA
AOL (Mahal lab)
Microvilin
CA19.9-121(SLE)
CA19.9-1(BEA)
VGA(EY Lab)
Galectin-3
MVA
VVA
VVHA (Lab)
WGA multimer
MVL (Lab)
PHA-L
EEA(EY Lab)
PTA
PSL
CSA
CGA
PNA
PSA
P11
Mono2R-CNL
Mono1-CNL
ACL
ACA
Thrombin
PhoSPL
VGA
AAL
AAL
Mouse Galectin-1
Human Galectin-1
ECL
CEA
CEA1
Epa1-Np mutant X (Lab)
#15 Sialyl Lewis X (Lab)
GSL-2
CNL
CNL
RIC-T
RIC-B
hGal-1-488-BCB
PNA
MAL-I
MAL I
NPA
NPA
MGL 416
BTL native
Sp Serotype 1
HPA
HPA
Avarol
DBA
DBA
PEL
PEL
GNA (EY Lab)
Mouse NKA (Lab)
VGA
Galectin-8
WT Galectin-8
MGL 6A-Hu-Fc
MAA(Seikagaku)
OSA
SSB1
human Gal-1
human Gal-1
Epa1-Np mutant E227A
CA19.9-M-128
CA19.9-M-128
TbP-BLX
CSA(EY Lab)
Sp Serotype 1
HA of complex
RCA(VEY Lab)
Epa1-Np mutant (V227G)
Epa1-Np mutant (E227A)
mouse Gal-7
Mono2-CNL
CNL
PHA-L
Epa1-Np
PSA-K-488
Cnl
WFL
TbP-BLT
Native SLPA
Galectin-1
VLRB.aGPA.c3
Mgl
DC-ASGPR subset
Arp
CC1G-1(BEA)
Epa1-Np mutant
GSL-1(288A)
SNA
DBL
DBL
PSSC
MPL
MPL
MOA

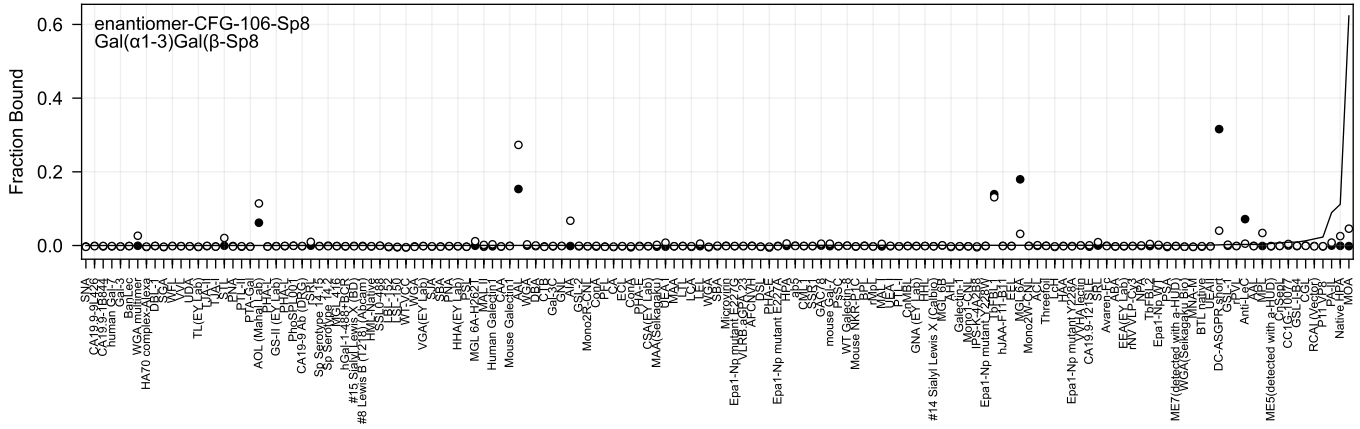

enantiomer-CFG-102-Sp8
Gal(α1-3)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
SNA
SNA
PNA
PNA
PWM
HHA(EY Lab)
Mouse CD1d
WGA
IPS-KO-WT
WGA
Dolichos
Dol-1
Dol-1
TL(EY Lab)
UEA
UEA
BTL-II
BTL-II
HA70 complex-HA-L
PSL
WT-130
WT-130
Epa1-Np mutant E222G
Epa1-Np mutant E222G
PhoSL-I
PhoSL-I
AvaCNL
AvaCNL
FscC
FscC
Galectin-8
Galectin-8
ME5(delgated with a-1(1-2)
Sp Serotype 1
KDO-1-418
KDO-1-418
#14 Sialyl Lewis X (CFG)
#15 Sialyl Lewis X (TBD)
#8 Lewis B (TZ19-288)
SSL10-288
ME7(detected with a-1(1-2)
TJA-I
TJA-I
GalC-78
GalC-78
hJAA-F1(B-1
Con A
Con A
WGA
WGA
HHA
HHA
Mouse Galectin-1
Mouse Galectin-1
DBA
DBA
PSL
PSL
TGN
TGN
Con A
Con A
NCA
NCA
UEA-I
UEA-I
EEL
EEL
GNL
GNL
MVA2
MVA2
PHA-E
PHA-E
Threefoil
HML-NIBV1
Epa1-Np mutant E222G
Epa1-Np mutant E222G
P17-288
P17-288
Epa1-Np mutant E222T
Epa1-Np mutant E222T
VVL
VVL
MGL-64 (EY Lab)
MGL-64 (EY Lab)
CA19.9-BSA-4
CA19.9-BSA-4
CA19.9-BSA-2
CA19.9-BSA-2
CA19.9-BSA-5
CA19.9-BSA-5
CA19.9-BSA-1
CA19.9-BSA-1
NPL
NPL
CA19.9-BSA-3
CA19.9-BSA-3
AFCNV-4
AFCNV-4
WT Galectin-8
WT Galectin-8
Bauhinia
Bauhinia
Human Galectin-3
Human Galectin-3
CA19.9-BSA-6
CA19.9-BSA-6
NN-VLP-GA3
NN-VLP-GA3
BNA
BNA
SSA
SSA
Mono2-1488-BCH
Mono2-1488-BCH
hGal-1-488-BCH
hGal-1-488-BCH
CSA(EY Lab)
CSA(EY Lab)
SJA
SJA
SNA
SNA
Mono2-BCH
Mono2-BCH
EEA(EY Lab)
EEA(EY Lab)
MPL-PA
MPL-PA
TKA
TKA
TCA
TCA
VLRB.aGPA
VLRB.aGPA
CAA
CAA
Galectin-7
Galectin-7
WGA multimer
WGA multimer
Mouse NKR
Mouse NKR
SRL
SRL
VSA(EY Lab)
VSA(EY Lab)
TJA-II
TJA-II
Sp Serotype 4
Sp Serotype 4
AHL
AHL
MAA(Sekisui)
MAA(Sekisui)
Native
Native
ABA
ABA
BPL
BPL
MOA
MOA
abo
abo
GS-II (EY Lab)
GS-II (EY Lab)
Human Galectin-1
Human Galectin-1
MALII
MALII
BTL
BTL
WGA(Sekisui)
WGA(Sekisui)
DC-ASGPR short
DC-ASGPR short
WFL
WFL
Epa1-Np WT
Epa1-Np WT
RCA(VE Lab)
RCA(VE Lab)
CGL
CGL
CC1G-1000
CC1G-1000
Cnl
Cnl
GSL-I
GSL-I
Tbp
Tbp
FBL-1
FBL-1
AOL (Wako)
AOL (Wako)
GSL-I
GSL-I
AAL
AAL

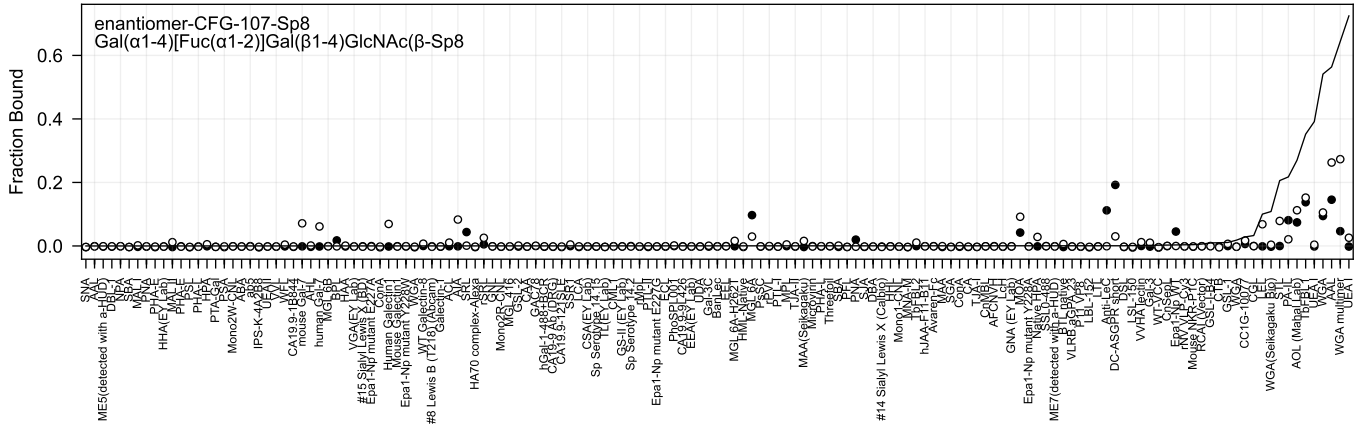

enantiomer-CFG-103-Sp0
Gal(α1-3)Gal(β1-3)GlcNAc(β-Sp0
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
SNA
SSA
ACL
BPL
WGA(Seikagaku)
PNA
UEAI
UDA
TJA-I
SBA
STA
PTA-Gal
BSL
RCA-I
PHA-E
MAA(Seikagaku)
PHA-L
HA70 complex-Alexa
Epa1-Np mutant Y228A
Epa1-Np mutant F227A
PhoSL
PhoSH
Sp secretope 1-13
Sp secretope 4-13
APCN-03
SFCN-03
FBP-188
WT-DECT
SLA
SNA
SRA
PHA-L
HHA(P-Lab)
CA19-9 (Lab)
VAA
MGL 6A-H2627
UEA1
Con A
WGA
Galectin-1
TKRP-BTC
Mouse NKR-P1C
MAL
CAA
GSL-I-B4
hJAA-F11
SBTI
DBA
HPA
HAA
Con A
HML-Nature
Aviaren-Fc
IPS-K4X988
MGL-1-488-BCR
hGal-1-488-BCR
Epa1-Np mutant Y228W
Mono2R-CNL
#14 Sialyl Lewis X (Calbio)
Banlec
CA19-9 Ab (DRG)
VLRB a-GAL28
CosL
PEL
LSL-1-B
Epa1-Np mutant Y228A
GSL-II (EY Lab)
#8 Lewis B (T1218) (Abcam)
Mono2W-CNL
MOMP
CSA(EY Lab)
Mono1-PNL
TbFBP
Epa1-Np WT
TREM1
MRP14
rNV VLP-C5
P11
ASA
AGA
PNA
BTL
Maltose
MBA
ME7(detected with a-HUD)
CMBL
OCNA (EY Lab)
AOL (Mabtag)
WFA
Native HPA
WGA (Vulman)
LTL(EY Lab)
CA19-12 (EY Lab)
#15 Sialyl Lewis X (IBD)
VVA
Mouse Galectin-1
WT Galectin-3
Human Galectin-1
ME5(detected with a-CGT)
RCAI (Seikagaku)
CC1G-1-DSL
CC1Sep
hum Galectin-1
mouse Galectin-1
PA-IL
mouse Galectin-3
Ara h 1
MOA

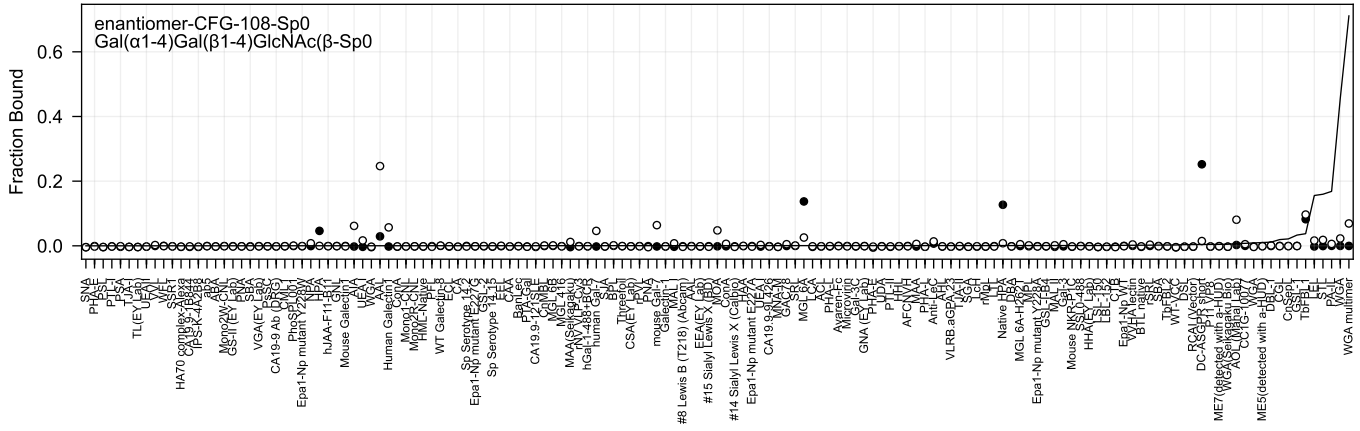

enantiomer-CFG-104-Sp8
Gal(α1-3)Gal(β1-4)GlcNAc(β-Sp8
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
SNA
PNA
DBA
VGA(EY Lab)
MAA-M
PAL
SBA
SEA
MAL I
MAA(Seikagaku)
LEL
MAA
CA19.9-IgM
CA19.9-IgG4
PHA-E
PHA-L
SNA
TJA-II
CA19.9-Alb
HA70 complex-Alb88
IPSA-4-Alb88
AOL (Mahal Lab)
nNA
ABA
SBA
Native PNA
Monoclonal CNL
EEA(EY Lab)
VVL
SNA(EY Lab)
PHA-E
PHA-L
ME7(detected with a-HUD)
SSL-28
SSL-42
LCA
ASA
SBL
CA19-9-Alb (MOC)
BrcSP-Alb
Monoclonal CNL
MPL
Epa1-Np mutant E22Y
CPA
CPB
CPX
Epa1-Np mutant Y22Y
Sp Saccoryde 1-1-15
CSA(EY Lab)
#15 Sialyl Lewis X (Ito)
P11-Alb
MOC-31-Alb
DBA
GSL-2
CoA
CoA
CoA
MGL
MGL-Alb
Epa1-Np mutant E22Y
Epa1-Np mutant Y22Y
#8 Lewis B (T218) (Ito)
LSL-1 β3
LSL-1 β4
CA19.9-12-TSLE
GS-II (Mouse)
MGL 6K-Native
MGL 6K-HA
HA
CA
Bau-A
ABL
hJAA-P1(T-B1)
SSA
PTA
HAA
rNV VP-CS3
PTA-Alb
TJA-II
Mouse NKR
PTA
HPA
VLRB.aGPA.23
CNL
CNL-1
Mono2-CNL
MGL-6A
UCB
UCB
Ayamin-FC
Ayamin-FC
DC-ASGPR slope
#14 Sialyl Lewis X (Ito)
Epa1-Np mutant Y22Y
TL(EY Lab)
Epa1-Np WT
Mouse Galectin-1
DBL
BTL native
WGA(Seikagaku)
Galectin-1
VIA
Anti-LSC
EEL
YV HA (Ito)
ME5(detected with HA (Ito))
WT Galectin-3
Human Galectin-1
Human Galectin-3
CCL
RCA I (Vector)
Galectin-7
CC (Gs-10027)
mouse Galectin-1
mouse Galectin-3
PAL
SNL
WGA
WGA mutant
WDA
LEL

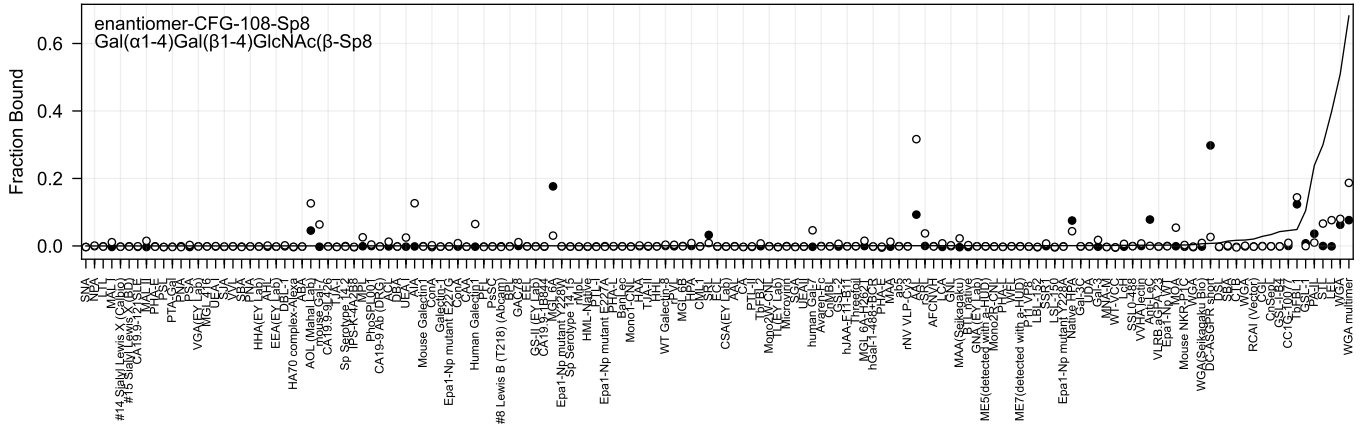

enantiomer-CFG-105-Sp0
Gal(α1-3)Gal(β1-4)Glc(β-Sp0
Fraction Bound
0.6
0.4
0.2
0.0
SNA
Microvin
IPSC-1-A488
CFSC-1-A488
WGA mutant
HA70 complex
Native
TL(EY Lab)
PNA
PTL-II
PHA-E
UEA-I
GSL-II (EY Lab)
PHA(EY Lab)
Epa1-Np mutant Y224A
PhoSTOP1
Avarol
#8 Lewis B (12-18)
VLRB.aGPA.23
ME7(detected with a-HUD)
SIA
SNA
PHA-L
MAL-I
hJAA-F
Mouse NK-1 B1
GSL-I
ECA
DBA
MAA(Seikagaku)
PNA
P11
VFF
AIA
HPA
ACA
PSA
GNA
UEA-I
CSA(EY Lab)
Mouse Galectin-1
WGA
MPA
Epa1-Np mutant Y224A
Sp Serotype 12
Epa1-Np mutant Y228A
TPEL2
CA19-9 Ab (Pulmer)
CA19.9-P1-SLE
Con A
MGL 6A (Grant)
MNA-M
Epa1-Np mutant E227A
Epa1-Np WT
#15 Sialyl Lewis X (Calbiochem)
Mono2R-DEA
ABA
AAL
PaSC
MSL
SJL
Gal-3
AOL(Mebiol Lab)
VSA(EY Lab)
LBL-I
LCA
Gal-3C
#14 Sialyl Lewis X (Calbiochem)
hGal-1-488
SBL
P-L-I
Mono1
WGA 488
rNV-488
VVHA (Iegin)
Mono2W-DSL
EEA(EY Lab)
NBA
BPL
Galectin-7
PVL
Con A
VFL
NPA
WGA(Seikagaku Bio)
DCAS(GPR short)
BTL
ME5(detected with a-HUD)
TIBPEL
WT Galectin-1
CGL
RCAI (Vector)
CC1(F-DUT)
human Gal-1
mouse Gal-1
MOA

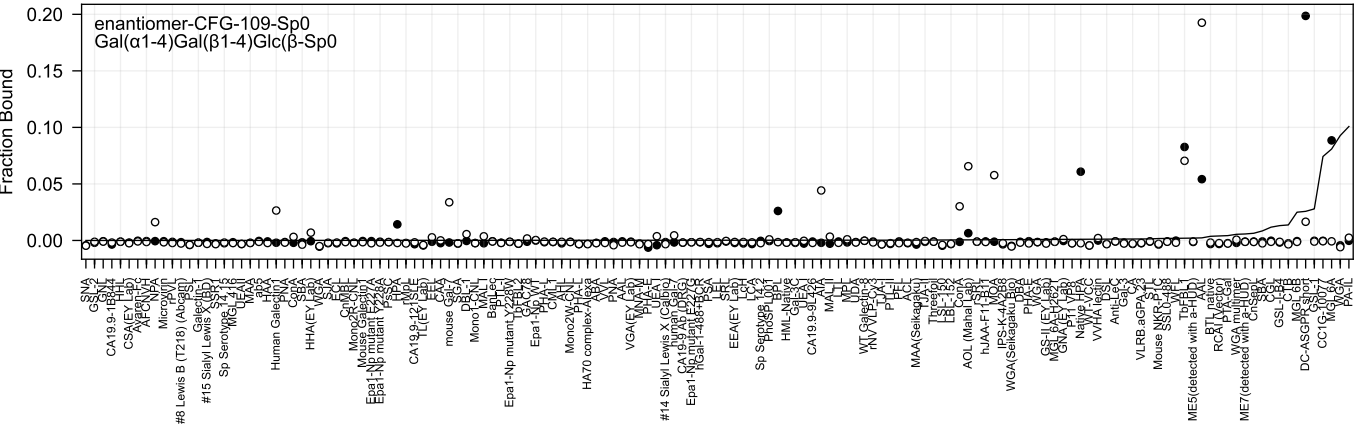

enantiomer-CFG-105-Sp10
Gal(α1-3)Gal(β1-4)Glc(-Sp10
Fraction Bound
0.6
0.4
0.2
0.0
SNA
Jach
GNA (EY Lab)
GEA (EY Lab)
AOL (Matrix Lab)
CA19.9 (Ab)
STA
WGA
WGA mutant
HA70 complex-lectin
WGA(Seikagaku)
MPL
UEAII
TL(EY Lab)
PTL-I
PHA-E
PHA-L
MAL
SBA
VGA(EY Lab)
PhoSL(Ab)
Avarol
PsaC
Sp Serotype 1
Sp Serotype 14
#14 Sialyl Lewis-X (Ab)
#8 Lewis B (Ab)
VLRB-A(EY Lab)
VLRB-C(EY Lab)
SSL-188
LSL-150
AAL
MVGA
SJA
PNA
hJAA-F11.B11
MGL
UEA
TEL
MAA
HPA
AIA
CSA(EY Lab)
RCA
TKA
Threonin
WGA
DBA
Mouse Galectin1
Human Galectin1
APA
AAA
ACL
UEA1
GNL
ECA
Epa1-Np mutant E2
Mono1-CNL
Epa1-Np mutant Y228A
CA19.9 NKH-1
Mouse NKH-1
Epa1-Np mutant E247A
CVN
GSL-I
HMA
Banana
SBL
Epa1-Np WT
Gal-3C
CA19.9-Ab44
Galectin-1
Sp Serotype 14-13
Native 104
WT
SBA
IPS-K4A2B8
TBEB1
PNA
SSL1
rNV VLP-CX3
CVN
PHA-E
PNA
PHA-L
UEA1
Epa1-Np mutant L228W
MGL-1A
Microvirin
PTL-II
ACL
MGL-1A
ABA
ABA
ME7(detected with a-HPF)
HHA(EY Lab)
Mono2W (Ab)
BOL
MGL
DC-ASGPR-CRD
UDA
MGL-6A
MAA(Seikagaku)
CTB
#15 Sialyl Lewis-X (Ab)
GSL-I
BTL-naive
WT
Lyoxin
CCTG-1(D07)
GSL-I-B4
ME5(detected with a-HPF)
RCA(Ab)
MGL-6A
P11-YBB
human Galectin7
Ant-Lec
mouse Galectin7
MOA

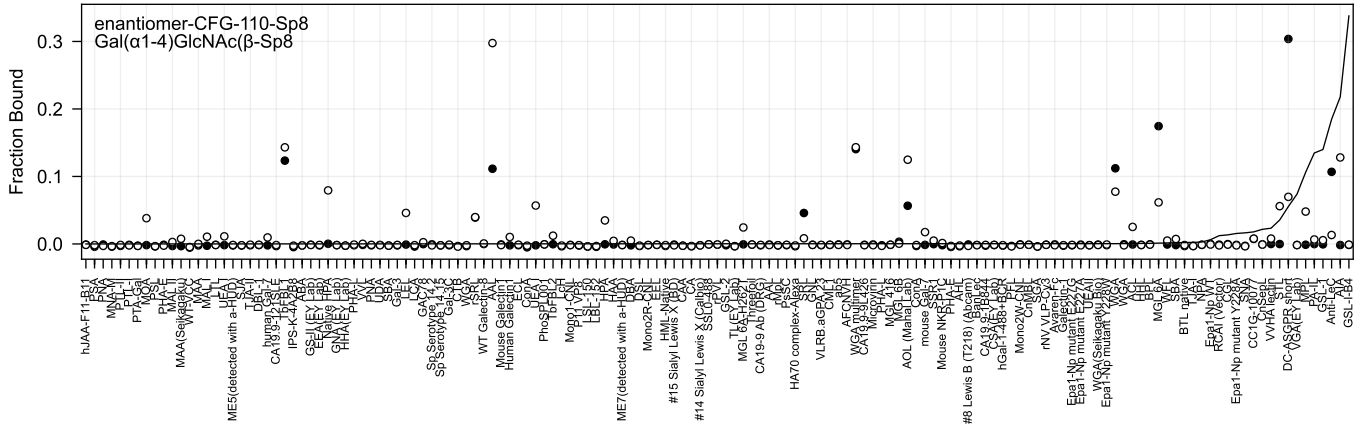

enantiomer-CFG-106-Sp8
Gal(α1-3)Gal(β-Sp8
Fraction Bound
0.6
0.4
0.2
0.0
SIA
CA19-9-Alexa
CA19-9 (Lab)
Lb44
human Gal-3
Gal-3
WGA (Lab)
Barr.lec
HA70 complex-Alexa
DSA
WFL
WFA
UDA
TL(EY Lab)
TL(I)
VVA
SNA
PNA
PTA-Lal
PTA-Lal
AOL (Mahal Lab)
AOL
GS-II (EY Lab)
PhoSL
PhoSL
CA19-9 Ab (DRG)
Sp Serotype 14
Sp Serotype 14
Sp Serotype 1 2 5
hGal-1-488-BLR
#15 Sialyl Lewis X (Tabb)
#8 Lewis B (Tabb)
HML-Native
SSL-188
SSL-188
WT-Galectin-1
WGA
VGA(EY Lab)
VGA
SBA
SBA
HHA(EY Lab)
HHA
MGL 6A-H265T
MGL
MAL(I)
Human Galectin-1
Mouse Galectin-1
WGA
CAA
CAB
Gal-3C
GNL
GSL-I
Mono2-CNL
CGA
PCA
ECL
CPA(E
PPA(E
GSA(E
MAA(Sekiguchi Lab)
MAA
LCA
LCA
WEA
SBA
Micro-CNL
Epa1-Np mutant Y226A
Epa1-Np mutant E227G
VERA
APCN-V1
DSL
PhA-L
Epa1-Np mutant E227A
Hp
GNA
GNA(I)
GSL-I-B4
mouse Gal-3
GSL-I-A4
WT Galectin-8
Mouse NKR
BPL
MAL(I)
MAL
WEA
WEA
ConA
ConA(I)
GNA (EY Lab)
GNA
#14 Sialyl Lewis X (Gallop)
MGA
MGA
Galectin-1
Galectin-1
IPSC(Lab)
Epa1-Np mutant Y226A
hJAA-P11-B11
hJAA-P11-B11
ECL
ECL
Mono2-CNL
Mono2-CNL
ThreoCL
TCA
TCA
Epa1-Np mutant Y226A
CA19-9-Alexa
CA19-9-Alexa
SRL
SRL
Avarol
Avarol
EEA
EEA
RNA-VEA (Lab)
NPA
NPA
Epa1-Tn-Np
Epa1-Tn-Np
ME7(detected with a-1)
WGA(Sekiguchi Lab)
WGA
BTL
BTL
UEA(I)
UEA(I)
DC-ASGPR
DC-ASGPR
GSL-I-B4
GSL-I-B4
Anti-Tn
Anti-Tn
AAL
AAL
PVL
PVL
ME5(detected with a-1)
MUD
MUD
CC1-C8899
CC1-C8899
GSL-I-B4
GSL-I-B4
CGL
CGL
RCA(Vector)
RCA(Vector)
PTA-Lal
PTA-Lal
Native HPA
Native HPA
MOA

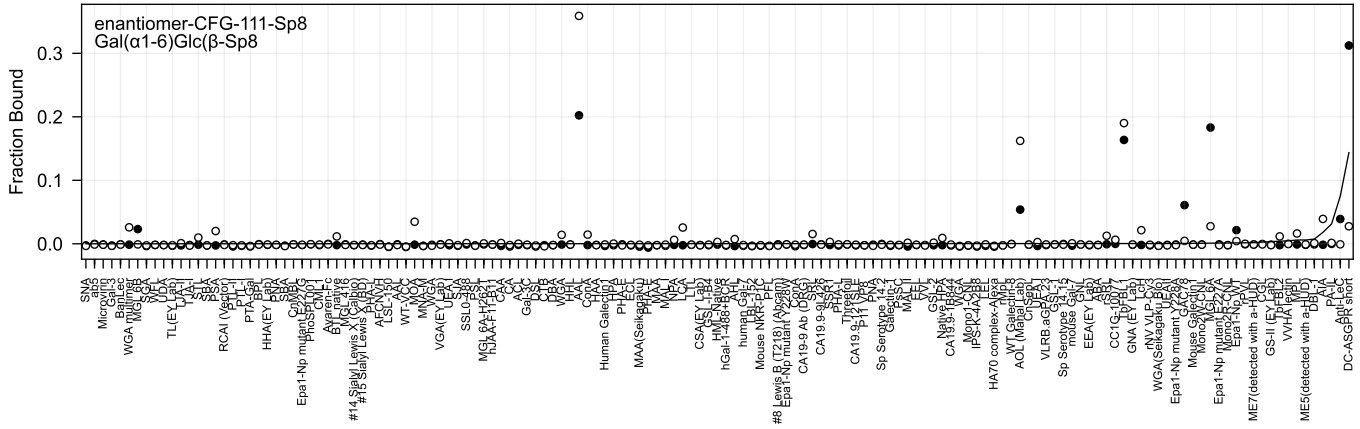

enantiomer-CFG-107-Sp8
Gal(α1-4)[Fuc(α1-2)]Gal(β1-4)GlcNAc(β-Sp8
Fraction Bound
0.0
0.2
0.4
0.6
SNA
ME5(detected with a-HuD)
DBA
BPA
MPA
MAA
HHA(EY Lab)
PNA
PTA
Mono2W-CN
ABA
IPS-K-A
PSA
UEA
CA19.9-1
MAL-I
mouse Gal-1
human Gal-1
MGL-6B
EAA
#15 Sialyl Lewis X (EY Lab)
Epa1-Np mutant E272
Human Galectin-1
Mouse Galectin-1
Epa1-Np mutant Y229A
WGA
#8 Lewis B (TEA Lab)
Galectin-3
Galectin-7
ACA
SBA
HA70 complex-A
Mono2R-CN
MGL-418
CAA
hGal-1-48
CA19.9-1-PDR
CA19.9-1-SSBT
CSA(EY Lab)
Sp Serotype 14-18
TL(EY Lab)
GS-II (EY Lab)
Sp Serotype 1
Epa1-Np mutant E272T
ECA
PTA(SB Lab)
CA19.9-1-Lab
EEA(EY Lab)
Gal-3C
Gal-1
MGL-6A-H262
HMA
Galectin-4
PSA
PSC
PTL-I
TML-I
MAA(Seikagaku)
MPA(Y)
Threo
PHA-E
PHA-L
#14 Sialyl Lewis X (Calbiochem)
DBA
HPA
MonoW-CN
PTL-II
hJAA-1
Avarol-Tf
MAA
CoPA
TJA-I
CNL
ACG
LCA
GNA (EY Lab)
Epa1-Np mutant Y229A
NeuNAc
ME7(detected with a-HuD)
EB-Lectin
VLRB.aCP
PLL-V2
LTA
DC-ASGPR short
Anti-LTA
LSL
VvHA Tectin
WTA
CnSecl
Epa1-Np
RNA VLP-Fc
Mouse NKR-P1C
RCA
GSC-I-B4
GSL-I
CC1G-WGA
CGL
WGA(Seikagaku)
BCL
PNA
AOL (Mabtech)
TEL
WGA
WGA multimer
UEA1

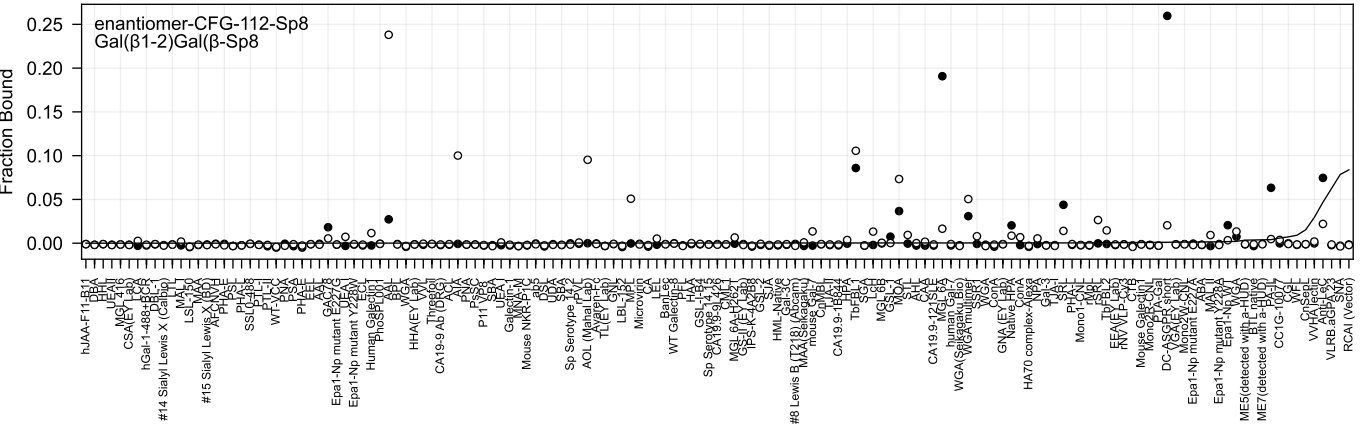

enantiomer-CFG-108-Sp0
Gal(α1-4)Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.0
0.2
0.4
0.6
SNA
PNA
DSL
PSL
PTA
UEA1
TL(EY LAB)
UEA1
WFL
SSA
HA70 complex-SSA
CA19-9-PBSA
IgSK-4-PBSA
ABA
ABA
Mono2W-CNL
GSL-I(EY Lab)
SBA
SBA
VGA(EY Lab)
CA19-9 Ab (DFG)
PNA
Epa1-Np mutant Y228W
PhoSL
hJAA-F11-BIT
LFA
hJAA-F11-BIT
Mouse Galectin-1
LEA
WGA
WGA
Human Galectin-1
Mono1-CNL
Mono2R-CNL
HML-native
WT Galectin-3
ECA
Sp Serotype 12
Epa1-Np mutant Y228A
GSL-II
Sp Serotype 1
LEL
CAA
BPA
BPA-Gal
CA19.9-PBSA
CA19.9-CNBB
MGL-BB
MGL-BB
MAA(Sel)-Gal
MGL-BB
hGal-1-Alt-Fc-4
hGal-1-Alt-Fc-4
human Galectin-3
BJA
CSA(Typefol)
PSL
PNA
mouse Galectin-1
Galectin-1
#8 Lewis B (T218) (Adam)
EEA(EY LAB)
AAL
#15 Sialyl Lewis X (BD)
AAL
OAA
#14 Sialyl Lewis X (Calbiochem)
Epa1-Np mutant E222A
CA19.9-CNBB
MNA-M
GNA
SGA
MGL-BA
ACL
ACL
PHA-E
PHA-E
Aleuroglycin
Microvirin
GNA (EY Lab)
PHA-E
PHA-E
PTL-II
PTL-II
AFCVN
MAA
PTL-II
Anti-Le1
Anti-Le1
VLRB.aGPA1
DAA
DAA
SGA
nvJ
Native HPA
Native HPA
MGL 6A-H-BSA
MPL
Epa1-Np mutant Y228A
GSL-I-B4
NAA-M
NAA-M
Mouse NKR-P1C
HH-Asialo-488
HH-Asialo-488
LBL-TB
LBL-TB
CTB
CTB
Epa1-Np WT
Epa1-Np WT
VVA
BTL native
SBA
SBA
DSC
WT DSC
TDFBL2
DSC
RCA(Lectector)
DC-RCA(Lectector)
PTL-VSB
DSC
ME7(detected with anti-BIO)
WGA(detected with anti-BIO)
AOL(detected with anti-BIO)
CORTA-WGA
WGA
CGL
CGL
CGSP-I
TBP-I
TBP-I
STL
STL
PWA
WGA
WGA multimer
ME5(detected with anti-BIO)

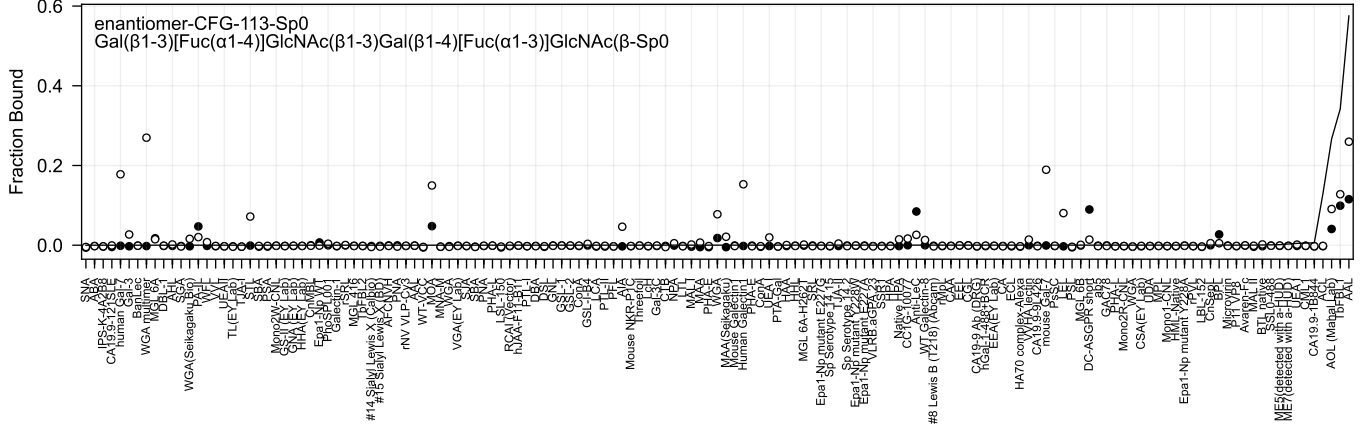

enantiomer-CFG-108-Sp8
Gal(α1-4)Gal(β1-4)GlcNAc(β-Sp8
Fraction Bound
0.0
0.2
0.4
0.6
SNA
NPL
MAL I
#14 Sialy Lewis X (Calbiot)
#15 Sialy Lewis X (Calbiot)
CA19-9 (Calbiot)
MAL II
BSL
PTA
Gal
PSA
VGA(EY Lab)
MGL (Calbiot)
DEA
SVA
SBA
SNA
HHA(EY Lab)
EEA(EY Lab)
DBL-1
HA70 complex (Calbiot)
ABA
AOL (Maha Lab)
CA19-9 (Calbiot)
CA195-G-126
Sp Serotype 12-13
Sp Serotype 14
IPSR-K-4
ABB
PhoSL
CA19-9 A0 (DKFZ)
DBA
UEA
AIA
Mouse Galectin-1
Galectin-1
Epa1-Np mutant EGFA
CCA
CAA
Human Galectin-1
PEL
PsaSC
#8 Lewis B (T218) (Abcam)
BPL
GNA
EEL
CS-1 (EY Lab)
CS-1 (EY Lab)
Epa1-Np mutant EGFA
Sp Serotype 12-13
MGL-6A
Mac
HML-N
Epa1-Np
Epa1-Np mutant EGFA
Epa1-Np mutant EGFA
Bpu
Bpu-Lec
MonoTL
TNA
T
HPA
WT Galectin-3
MGL-6B
CNA
CNL
Sta
Ecl
CSA(EY Lab)
ACL
ACA
PTL-I
PTL-II
Mono(DKFZ)
Mono(DKFZ)
Microgen
human Galectin-7
UEA-I
Avaglycin-Ec
CNSPE
hJAA-F-1-B-11
hJAA-F-1-B-11
MGL 6A (Tyrosoft)
hGal-1-488-BC2
PNA
MAA
rNV VLP_493
ACL
AAL
AFCNOA
GOA
MAA(Seikagaku)
Native (Vector)
GNA (EY Lab)
ME5(detected with a-HOD)
Mono(DKFZ)
PVAL
ME7(detected with a-HOD)
WFL
PTL-VIB
LBA
SSA(EY Lab)
Epa1-Np mutant EGFA
Native HPA
Galectin-3
WGA
Gal-3
MVL
VCA
SSL-1-488
vvHA (Leclerc)
VLRB.aGPA
Epa1-Np
Mouse NKR-P1C
WGA(Seikagaku)
DCA
DC-ASGPR subt1
SBA
SBA
WGA
RCA I (Vector)
CCL2
GSL-I-B4
CCL1
TxLB-1
SJA
STL
WGA
WGA multimer

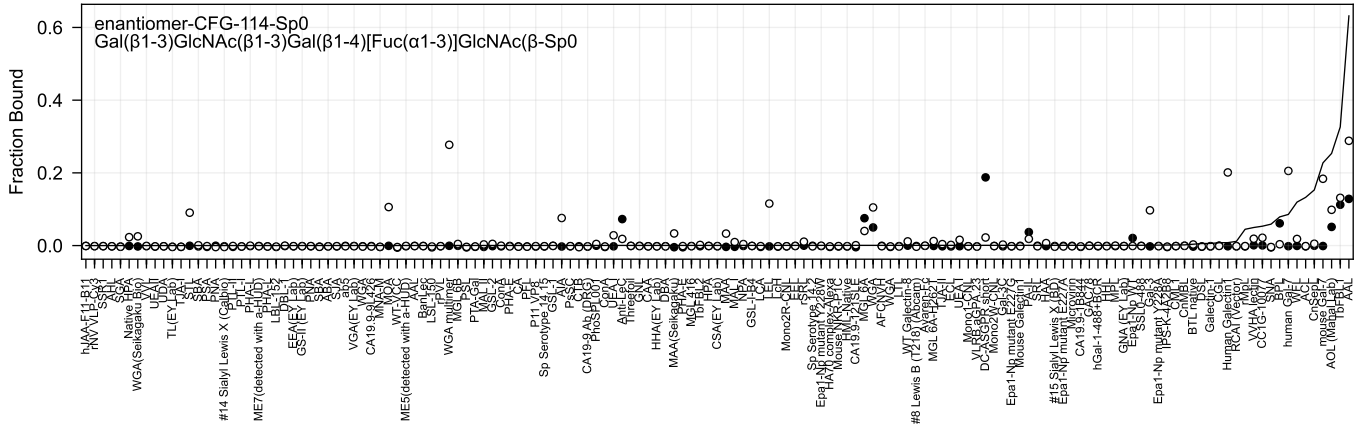

enantiomer-CFG-109-Sp0
Gal(α1-4)Gal(β1-4)Glc(β-Sp0
Fraction Bound
0.20
0.15
0.10
0.05
0.00
SIA9
GSL-1
GNL
CA19.9-1
HH1
CSA(EY Lab)
ABO
APCN-VA
Microvirin
PNA
#8 Lewis B (T218) (Abcam)
PSL
#15 Sialyl Lewis B(BD)
Galectin-1
Sp Serotype 1
SSA1
WGA_4-18
UEA1
ABO
Human Galectin-1
PNA
GNL
SBA
HHA(EY Lab)
VVA
SJA
CrmA
Mono2-CNL
Mouse Galectin-1
Epa1-Np mutant F227A
Epa1-Np mutant F226A
TJA
CA19.9-16
TL(SIGE Lab)
TL(EY Lab)
CAA
mouse Galectin-1
DSA
Mono1-CNL
MALI
Bauhinia
Epa1-Np mutant Y228W
Epa1-Np mutant Y228A
GAC-2
Epa1-Np WT
CNL1
Mono2W-CNL
PHA-L
HA70 complex-VA
ABA
PNX
AAL
VGA(EY Lab)
MAA(Maackia)
PHA-E
#14 Sialyl Lewis X (CasBrio)
CA19.9 AB (BBG)
Epa1-Np mutant F227G
Epa1-Np mutant F226G
rGal-1-486-PSA
SSA
SRL
EEA(EY Lab)
LCA
Sp Serotype 8
PNGase F
BPL
HM-Galectin
DEA
CA19.9-9
ACA
MALII
MPL
WT Galectin-8
NVVLP-CX3
PHA-L
AEL
MAA(Seikagaku)
Thrombomodulin
LEL-1
LEL-2
CotA
AOL (Marasmia oryzae)
hJAA-F11
IPS-K-4-28
WGA(Seikagaku)
PHA-E
PHA-P
GS-II (EY Lab)
MGL-6-EU-2627
GNA-A (EY Lab)
PT1
YPB
Native VCA
VVHA (Iscalin)
AntiLec
Gac-3
VLRB.aGPA-23
Mouse NKR-P1C
SSL1-488
TcfB-L1
ME5(detected with a-HPD)
RCA(Ricinus communis)
RCA(I native)
PVG(Galectin-1)
WGA multimer
ME7(detected with a-HPD)
CrmB
SBA
GSL-I-B4
MGL-6B
DC-ASGPR
Siglec1
CC1G-70077
MOA
PA-IL

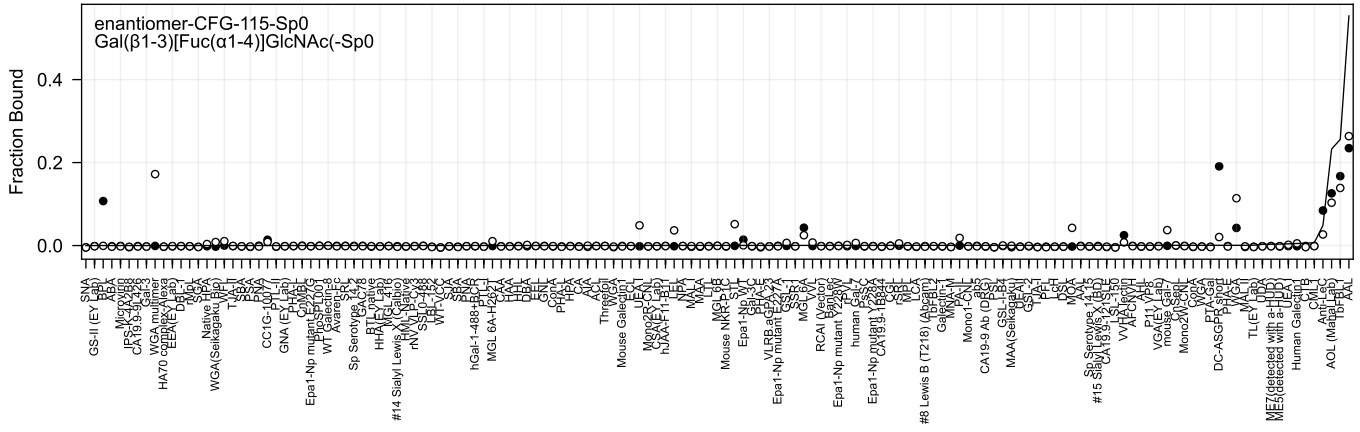

enantiomer-CFG-110-Sp8
Gal(α1-4)GlcNAc(β-Sp8
Fraction Bound
0.3
0.2
0.1
0.0
hJAA-F11-B11
PSA
BSA
MGL-II
PTL-I
PTL-II
MOA
PHA-E
MAL-I
MAA(Sel)
MAA(Neu5Gc)
MAL-II
WFL
UEA-I
DSL
TJA-I
DBL-1
hum-Galectin-1
CA19-9 Ab (Lab)
CA19-9 Ab (Lab)
IPS-K44-B4
ABA
GE-PAEY (Lab)
GE-PAEY (Lab)
Neu5Ac
FPA
GHA(EY Lab)
PHA(EY Lab)
PNA
ME5(detected with a-HUD)
SBA
GalA
GalB
LCA
PSA
Sp Serotype 14-15
sp Serotype 14-15
Gal-1B
VVA
WGA
WT Galectin-8
Mouse Galectin-1
Human Galectin-1
CGA
PhoSL
TcFBP-1
CRL
Mono1-CRL
PTL-I_VPB
LTL
LBL-1_HUD
HPA
ME7(detected with a-HUD)
DSA
Mono2R-CRL
HML-Native
#15 Sialyl Lewis X (BD)
#14 Sialyl Lewis X (Calbiochem)
SSL(Calbiochem)
GSL-I
TxLEY (Lab)
MGL 6a (Theisen)
CA19-9 Ab (DRG)
MOL
RSA
HA70 complex-Asc
SRL
VLRB aGPC
CML-1
AFCNA
WGA (Sigma)
CA19-9 (Sigma)
Mic-Cyan
MGL 418
MGL-1B
AOL (Malaria)
Con A
mouse SSR1
Mouse NKR-P1
AHL
#8 Lewis B (T218) (Abcam)
Abcam
CA19-9 (TB844)
CA19-9 (TB844)
hGal-T48-BCH
Mono2W-CRL
CnMBL
rNV VLP-S3
Avaren-F2
Epa1-Np mutant E227G
Epa1-Np mutant E227A
WGA(Seikagaku)
Epa1-Np mutant Y228A
WGA
CGL
EEL
MGL-EA
VEA
BTL native
NEA
NPA
Epa1-Np
WT
RCA(Vector)
CGG
Epa1-Np mutant Y228A
CC1G-0072
VVH-A
STL
DC-ASGPR
SBL
VGA(EY Lab)
STA
DAPL
GSL-I
Anti-Ara
ACA
GSL-IB4

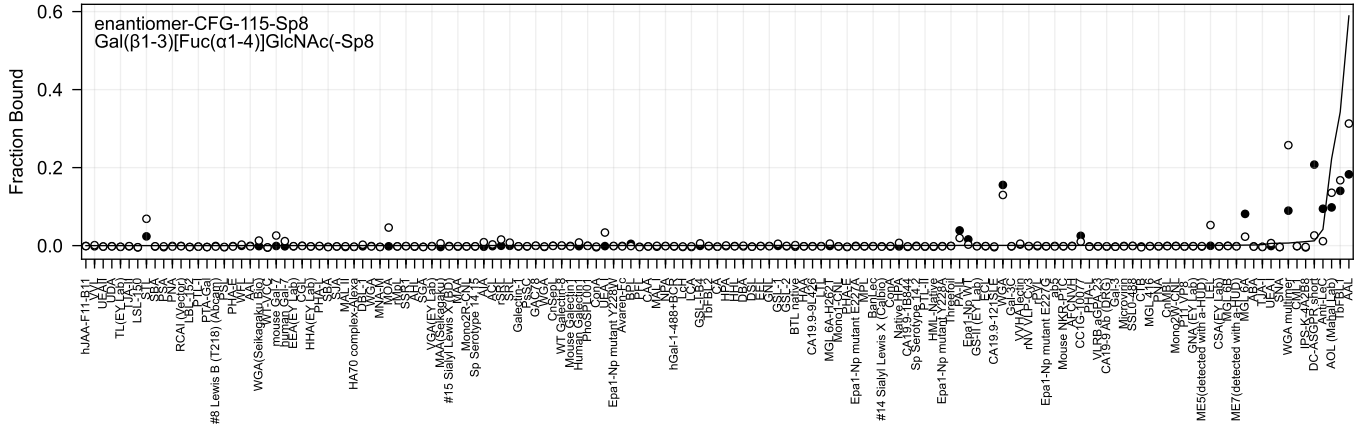

enantiomer-CFG-111-Sp8
Gal(α1-6)Glc(β-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
SNA
SNA
Micrococcus
Bacillus
Bacillus
WGA (Wheat
Wheat
SGA
UDA
TL(EY Lab)
PJA
SBA
SBA
PSA
RCAI (Vector
PTA
PTA
BPL
HHA(EY Lab)
PNA
CGA
SBA
Epa1-Np mutant
phosphoCM01
Avaren-Fc
MGL-2A18
#14 Sialyl Lewis x (Calbio)
#15 Sialyl Lewis x (Calbio)
ACL
ASL-1(0)
AAL
WT
AAL
MOA
MVA
VGA(EY Lab)
VGA
SSLP-188
SSLP-188
MGL6A-H261
HJAA-H1
BTA
ACA
ACA
Galectin-3
CAA
DBA
DBA
VFA
VFA
AAL
CGA
CGA
PHA
Human Galectin-1
PHA-E
PHA-E
MAA(Seikagaku)
PHA-L
PHA-L
NCA
NCA
LCA
CSA(EY Lab)
GSL-I B4
hGal-1 Hybridoma
hGal-1 Hybridoma
ACL
human Galectin-2
Mouse NKR-P1C
#8 Lewis B (T218) (Abcam)
Epa1-Np mutant Y226W
CA19-9 Ab (OBG)
CA19-9-a 325
PSA-1
PSA-1
Thrombomodulin
CA19 9-1 (Abcam)
PNA
Sp Serotype 1
Galectin-1
MAG-1
EEL
EEL
GSL-I
Neuro1-Fc
CA19-9 (Abcam)
WGA
WGA
MSP1-Fc
IPSP1-Fc
HA70 complex-Alpha
AOL (Malpurin)
CnSerp1
VLRB.aGPC-23
Sp Serotype 5
GSL-I A4
mouse Galectin-9
GAL
EEA(EY Lab)
ABA
ABA
CC1G-0007
GNA (EY Lab)
GNA
cNV LP
Lch
WGA(Seikagaku)
BKA
Epa1-Np mutant Y182A
GKCV8
Mouse Galectin-1
Mouse Galectin-7
Epa1-Np mutant
MGL-2A
Mouse Galectin-2
Epa1-Np mutant
ME7(detected with a-HUD)
Lch
GS-II (EY Lab)
Lch
Tn-PBL
VVHA (Vector
Kjellmanianin
ME5(detected with a-HUD)
DAA
DAA
Anti-Fc
Anti-Fc
DC-ASGPR short

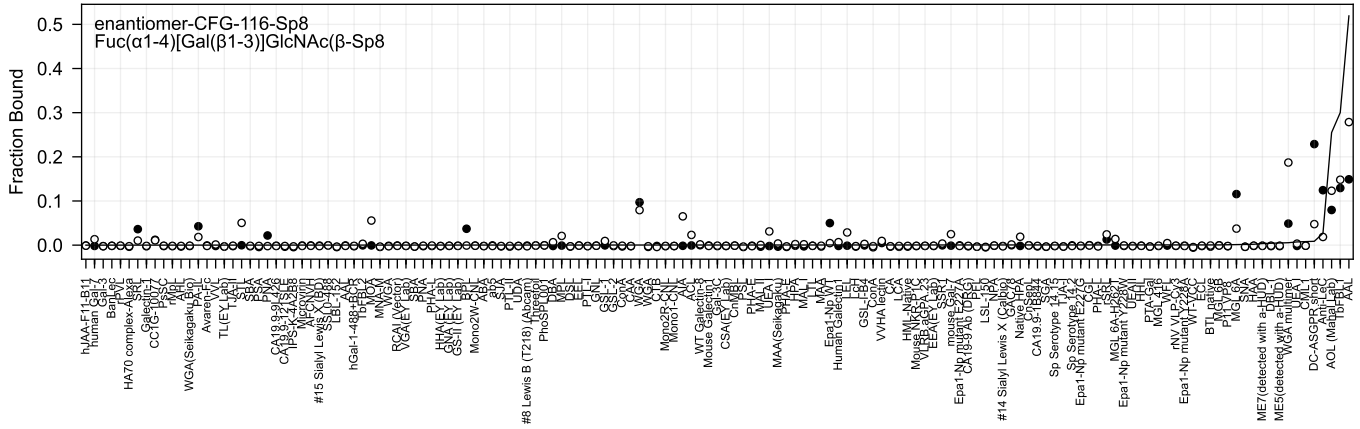

enantiomer-CFG-112-Sp8
Gal(β1-2)Gal(β-Sp8
Fraction Bound
0.25
0.20
0.15
0.10
0.05
0.00
hJAA-F11
PB1
PB1
UEA
MGL
CSA(EY Lab)
hGal-1488-BCR
#14 Sialyl Lewis X (Calitag)
MAL
LSL-1
#15 Sialyl Lewis X (MAb)
AP-CNV
PNA
PSL
SSL-1
PTL-I
WT-VCA
PNA
PNA
PHA-E
ATL
ATL
GAL8
Epa1-Np mutant EZ-GA
Epa1-Np mutant Y228V
Human Galectin-1
PhoSL
MAL
BPL
VVL
HHA(EY Lab)
CA19-9 Ab (DRG)
Thrombin
AIA
PNA
PSA
P11
PSB
UEA
UEA
Galectin-1
Mouse NKR-P1C
ABS
ABS
UDA
ABA
Sp Serotype 3
Sp Serotype 14
AOL (Mahal Lab)
AVAPP-P2
TL(EY Lab)
LBL-1B2
Microvirin
LEA
BanLec
WT Galectin-3
HPA
HAA
GSL I-B4
Sp Serotype 14,15
CA19.9-MAb
MGL 6A-1B2
GNA (EY Lab)
BS-I-A-2B3
GSL-I-A
HML-Native
#8 Lewis B (T218) (Abcam)
MAA(Sekagaku)
mouse CMH
CA19.9-1B2
HPA
HPA
Tb-S
SBA
MGL-1
LBA
GSL-I
NOA
AIA
ATL
ATL
CA19.9-12
SLE
MGL 6A
human Galectin-1
WGA(Sekagaku Bio)
WGA mutant
VVGA
VVGA
GNA (EY Lab)
Native-HPA
HA70 complex-Xoma
Galectin-3
SJA
SJA
PTA
PTA
Mono1-ONL
PSA
PSA
TxB
TxB
EEA(EY Lab)
NVVLE-Cy3
Mouse Galectin-1
Mouse Galectin-3
DC-SIGNR short
DC-SIGNR Coll
Mono2-ONL
Epa1-Np mutant EZ-GA
MAL
Epa1-Np mutant
Epa1-N270A
WGA
ME5(detected with a-PL)
BTL (native)
ME7(detected with a-PL)
CC1G-10077
VVL
VVL
Castanea
Castanea
VVH
ABL-Sc
VLRB.aGP
SNA
RCA(Vector)

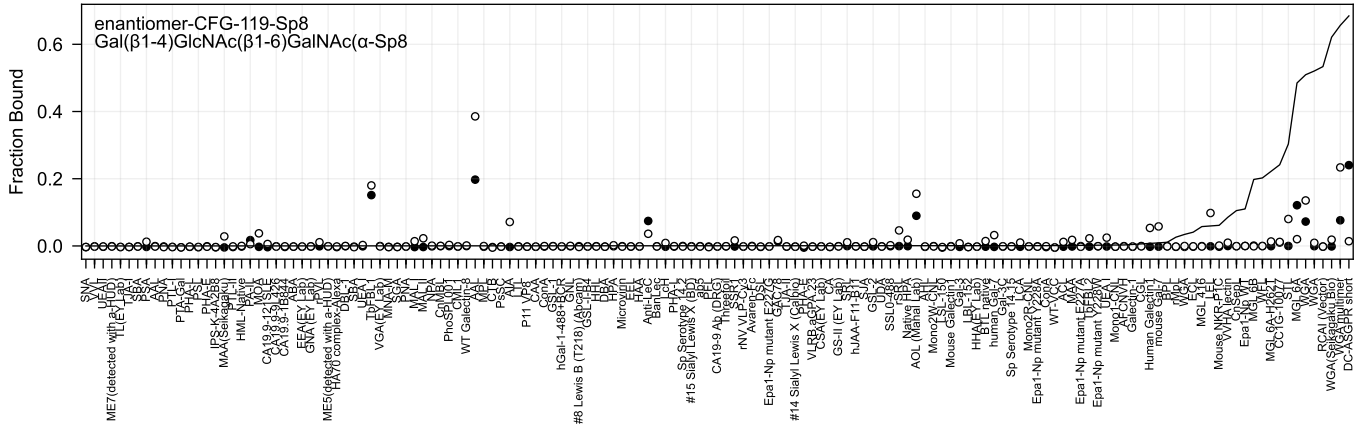

enantiomer-CFG-113-Sp0
Gal(β1-3)[Fuc(α1-4)]GlcNAc(β1-3)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β-Sp0
Fraction Bound
0.6
0.4
0.2
0.0
SNA
PSA
PSA-LAMP
CAA
PSA-LAMP
human Gal-7
Gal-3
Bauhinia
WGA multimer
Mouse CA
SJA
AEL
WGA(Seikagaku, Bio)
KAJ
TKA
UVA
UEA-I
TL(EY Lab)
TJA-I
SBA
DBA
Mono2W-CNL
GSL-I(EY Lab)
GSL-II(EY Lab)
HHA(EY Lab)
Epa1-Np mutant
PropSP-L(01)
Galectin-8
MGL-6
#12 Sialyl Lewis X (Calbio)
#15 Sialyl Lewis X-CNL
PNA
rNV VLP
AAL
WTA
MOA
MNA-M
VGA(EY Lab)
SAA
SNA
PHA-L
PT-1-Lb
LSL-I(Seikagaku)
RCA-I(Seikagaku)
hJAA-F
PFL-1
DBA
GNL
GSL-I
GSL-IB4
GSL-IA4
PCA
PF-1
Mouse NKR-P1A
Threonin
Gal-3
CTB
NPA
MAL-I
PHA-E
WGA
MAA(Seikagaku)
Mouse Galectin1
Human Galectin1
BPL
PHA-L
CPA
PTA-Gal
THA
MGL 6A-H262T
Epa1-Np mutant E227G
Sp Serotype 14
Sp Serotype 12
Epa1-Np mutant L229Y
Epa1-Np mutant L229A
VLRB aGPA 23
SBA
TJA-I
Naiva DF2
CBA/J DF2
Anti-Lec
WT Anti-Lec
#8 Lewis B (1218)(Calbiochem)
MOA
PCL
EEL
CA19-9 Ab (ORSO)
hGal-1-481-BCR
EEA(EY Lab)
LCA
HA70 complex
VVA
VVA(Lectinity)
CA19-9 Ab
mouse Gal-7
PSL
PSC
MGL
DC-ASGPR-Sp0
ABP
GNA
GHA-P
Mono2KONL
CSA(EY Lab)
MOA
Mono1-CNL
Epa1-Np mutant Y229A
PHA-E
LEL
LBL
CrSBP
Microvirin
Artocarpin
PHA-L
BTL
BSL(Lectinity)
ME5(detected with a-HUD)
ME7(detected with a-HUD)
UEA-I
ACA
CA19.9-1B78.1
ACL
AOL (Mabtech)
hPAP
AAL

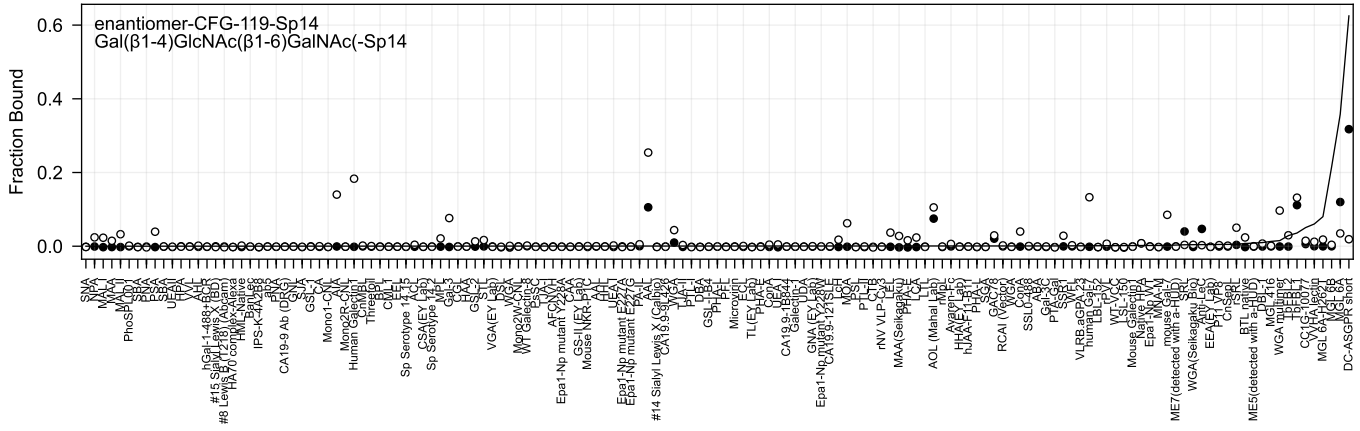

enantiomer-CFG-114-Sp0
Gal(β1-3)GlcNAc(β1-3)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β-Sp0
Fraction Bound
0.6
0.4
0.2
0.0
hAA-F(1-B)1
NV-LTB-B1
SSB1
SGA
Native PFA
WGA(Seikagaku)
UVI
UDA
TL(EY Lab)
STL
SBA
PNA
BPA
PWM
PHA-L
PHA-E
PTL-I
ME7(detected with a-HLD)
LBL-1b2
EEA(EY Lab)
GSL-I(EY Lab)
SNA
ABA
aOA
aUA
VGA(EY Lab)
VVL
CA19.9-A426
MNA
WT-LCC
ME5(detected with a-LCC)
AAL
LCA
Lam-56
PVL
WGA (Wheat)
PSL
PTA
MAL-II
GSL-4
PHA-E
PCL
P11-VF6
Sp Serotype 1
GSL-I
PSA
PCA
CA19-9 Ab (DUPA)
PNA
ProSP-007
UEA-I
Anti-Leo
Thomsen
CAA
DBA
HHA(EY Lab)
MAA(Seikagaku)
BPA(KH)
MGL-418
Tn-BSA
HPA
CSA(EY Lab)
MAL
NPA
GSL-IB4
LCA
LEL
Mono2R-GLT
SRL
Sp Serotype 9
Epa1-Np mutant V228W
HA(H1 cominbinant)
Mouse IgM-Native
CA19.9-Vector
ACS
KNA
AFA
WGA
WT Galectin-1
MGL 6A(EY Lab)
MGL 6A(EY Lab)
#8 Lewis B (T216) (Abcam)
TEL-I
UEA-I
Mono1
VL-68
Mono3
DC-ASGPR short
Mono2
Gal-3c
Epa1-Np mutant E227G
Mouse Sialyl-Lewis X
PAL
SLL
SFA
#15 Sialyl Lewis X (Lab)
Epa1-Np mutant L180D
Microvoid
CA19.9-GRA44
hGal-1-488-BCA
MPL
GNA (EY Lab)
Epa1-Np
SSL1-488
Epa1-Np mutant Y228S
IPSR-KA268
CrMel
BTL native
Galectin-1
Human Galectin-1
RCAI (Vector)
CVHA (Ebola)
CCTG-1
SNA
human IgM
VIA
BP
VIA
ACL
Cnx-A
mouse Gal-7
AOL (Wakabayashi)
hPEG
AAL

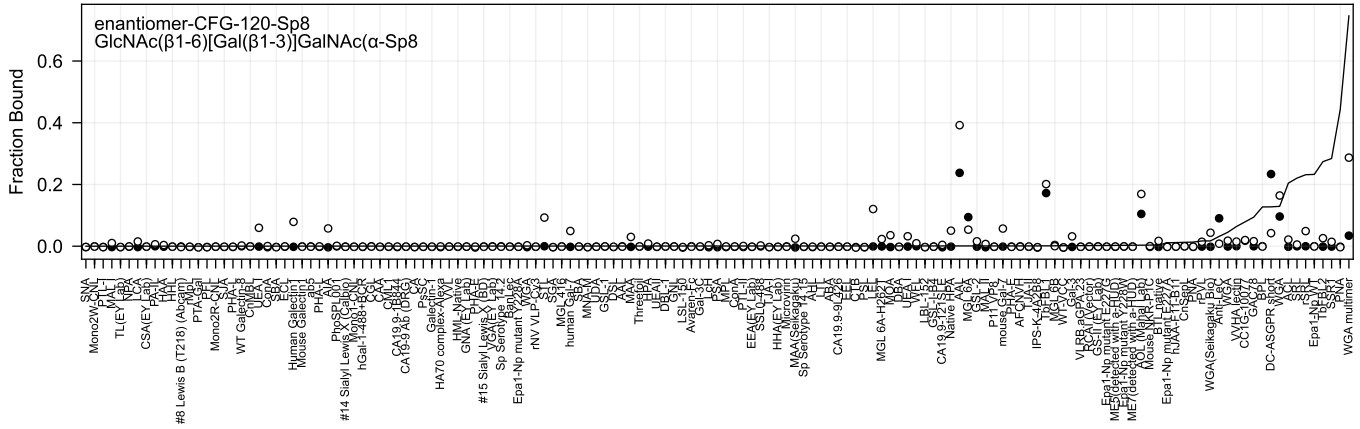

enantiomer-CFG-115-Sp0
Gal(β1-3)[Fuc(α1-4)]GlcNAc(-Sp0
Fraction Bound
0.0
0.2
0.4
SNA
SNA
BPL
BPL
Microvigin
IPL-2(Lectin)
CA19.9-Ab (PDB)
Gal-3
WGA mutant
HA70 complex(Viruses)
DSL
PNA
Native SPA
EEA(EY Lab)
DBA
WGA(Seikagaku, Bio)
VVA-II
SBA
SBA
PNA
PNA
CC1G-pro (Fungi)
GNA (EY Lab)
CONBR
Epa1-Np mutant 2D7
Epa1-Np mutant 3F10
WT Galectin-3
Galectin-8
Avarol-SPE
Sp Serotype 4 Cps
BTL (native)
HHA
#14 Sialyl Lewis X (Calbio)
rNVH-PSGL-1
Sp1-488
WT-CC
SBA
SBA
SBA
hGal-1-488-PNA
PHA-L
MGL 6A-Fc2A1
HAA
HAA
DBA
GSL
CONA
PHA-L
PHA
CA
ACL
Threonine
(Fungi)
Mouse Galectin1
UEA1
Monoclonal CN1
hJAA-F11-B11
NPL
MAL
MAL
MAL
Mouse NKR-P1B
STL
Epa1 Gal 3C
GFA-CS
VLRB.a GFA-CS
Epa1-Np mutant E2274
SSA
SSA-1
MGL 6A
RCAI (Vector)
Epa1-Np mutant 2D7
Epa1-Np mutant 3F10
PNA
human FasC
Epa1-Np mutant 1A2
CA19.9-1 (Fab)
CGL
CGL
NPL
LCA
LCA
#8 Lewis B (T218) (Abs)
HPBPL2
Galectin-1
MAL-1
Mono1-Chi
CSL
CA19-9 Ab (DPBS)
GSL-I-B4
MAA(Seikagaku)
GSL-I
PEL
PEL
DSL
MOA
Sp Serotype 14 Cps
#15 Sialyl Lewis X (Lab)
CA19.9-1 (Fab)
VVA-II
VVA-II
AIA
AIA
P11 (Lab)
VGA(EY Lab)
mouse Gal-7
Mono2W-CRD
CONA
CONA
PTA-Gal
BPL
DC-ASGPR
MAA
MAA
MAA
TL(EY Lab)
MEZ(detected with a-HUD)
ME5(detected with a-HUD)
Human Galectin1
CML
CML
Anti-Lec
AOL (Marine Bio)
AAL

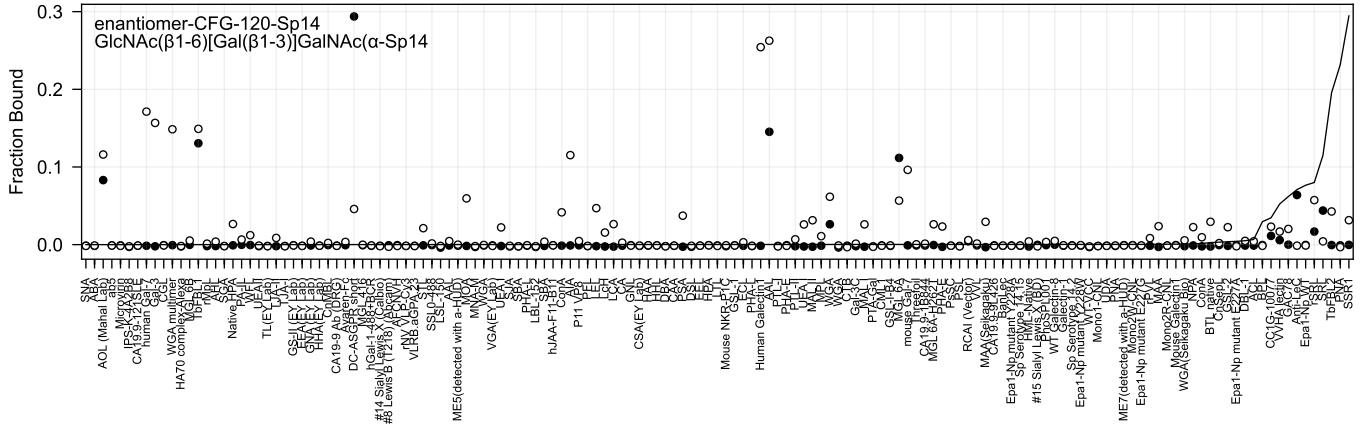

enantiomer-CFG-115-Sp8
Gal(β1-3)[Fuc(α1-4)]GlcNAc(-Sp8
Fraction Bound
0.6
0.4
0.2
0.0
hJAA-F11-B11
SVA
UEA-I
PNA
TL(EY Labs)
LSI (J-Chem)
SJA
SBA
BPL
RCA(Vector Lab)
LBP-122
PTA-Gal
PHA-E
PHA-L
VFL
WGA(Seikagaku)
Bou
mouse Galectin-7
EEA(EY Labs)
CSL
HHA(EY Labs)
PNA
SBA
MAL-II
HA70 complex
Lectin-1
WGA
MNA-M
SNA
SNA-I
ABL
SSA
MAA(Seikagaku)
#8 Lewis B (T218) (Abcam)
PHA-E
VFL
WGA(Seikagaku)
Bou
mouse Galectin-7
EEA(EY Labs)
CSL
HHA(EY Labs)
PNA
SBA
MAL-II
HA70 complex
Lectin-1
WGA
MNA-M
SNA
SNA-I
ABL
SSA
MAA(Seikagaku)
#15 Sialyl Lewis X
MAA
ABL
SSA
SNA
Galectin-1
PsaSC
GVGA
WGA
CnSepA
WT Galectin-1
Mouse Galectin-1
Human Galectin-1
PhoSC
CorA
Epa1-Np mutant Y228A
AvaHep
EEA
BEL
MAA
MAA
NPA
hGal-1-488+BCR
LS2
GSL-I-B4
IDFBP2
HPA
HEL
DSA
GSL-I
GSL-II
BTL Galectin-2
PAA
CA19.9-9L-488
MGL
6A-Hexa
Mono2R-CONE
Epa1-Np mutant E227G
BPL
#14 Sialyl Lewis X (Cosmo)
BanLec
CorA
CA19.9-12
NeuNAc-BSA
Sp Serotype 14-2
HML-Native
Epa1-Np mutant Y228A
Epa1-Np mutant E227G
Epa1-Np mutant
GSL-I-B4
Epa1-Np mutant
CA19.9-12
ECL
WGA
Galectin-3C
VVH(EY Labs)
rNVH(EY Labs)
Epa1-Np mutant E227G
Mouse NKR
APC
AFCONVA
CC-1-HMX1
VURB
CA19.9 Ab (Cosmo)
Gal-3
MOR-488
SLC-488
CTB
MGL
ALA
OvMGL
Mono2R-CONE
ME5(detected with EY Labs)
GNA(EY Labs)
LEL
CSA(EY Labs)
ME7(detected with EY Labs)
MGL
ABA
UEA
SNA
WGA
WGA mutant
NPA
DC-SIGN-Fc
ASGPR-Fc
Anti-Lec
AOL (Matreya)
TIP-BPL
AAL

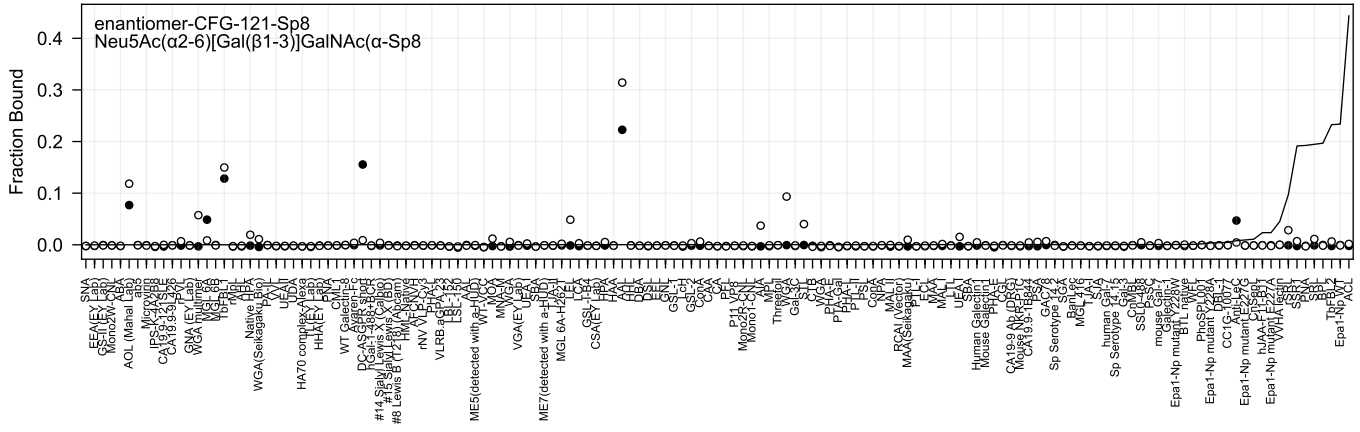

enantiomer-CFG-116-Sp8
Fuc(α1-4)[Gal(β1-3)]GlcNAc(β-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
hAA-F11 B11
human Gal-3
Gal-3
Bap
PWF
HA70 complex-Asialo
Galectin-1
CCTG-P3SC
TMGL
WGA(Seikagaku, Big)
Avarol-Fc
TVVF
TL(EY Lab)
SBA
PSA
PNA
CA19.9-9.126
CA19.9-21(SBE
MGC9(W0)
LBL-188
LBL-AZ
hGal-1-488-FBS
TKA
MOA
MVGA
RCA(EY Lab)
VGA(EY Lab)
SBA
PNA
PSA
HHA(EY Lab)
GSII (EY Lab)
BPL
Mono2W-XEA
ABA
SNA
PTA-II
#15 Sialyl Lewis X (Calbiochem)
DBA
PhoSL
WSL
PTL
pTEL
GNL
GSL-I
ConA
WGA
UEA
Mono2R-CNL
Mono1-CNL
ACL
WT Galectin-3
Mouse Galectin-3
CSA(EY Lab)
ConBR
PHA-E
PHA-L
MAL
MAA(Seikagaku)
PHA-E
MAL
MAA
Epa1-Np WT
Human Galectin-1
LEL
GSL-I B4
GSL-I B4
VVHA lectin
ConA
LCA
HML-Nanobody
Mouse NRS-1 Ig
Vicia villosa
LEA(EY Lab)
mouse SSR1
Epa1-Np mutant E227A
CA19.9 Ab (DBF)
LSL-1B5
LSL-1B5
#14 Sialyl Lewis X (Calbiochem)
GNA
Nal(EY Lab)
CA19.9-CBB4
Sp Serotype 14.13
Sp Serotype 14.2
Epa1-Np mutant E227G
PHA-E
MGL 6A-H2B1
Epa1-Np mutant Y228W
FUL
PTA-II
MGL 3B
WFL
rNV VLP
Epa1-Np mutant Y228AA
WT-ECC
BTN native
PNGVB
MGL 6A
EHA
ME7(detected with a-HUD)
ME5(detected with a-HUD)
WGA mutant
DC-ASGPR-CMLT
Ann-Lec
AOL (Mab-FBP)
AAL

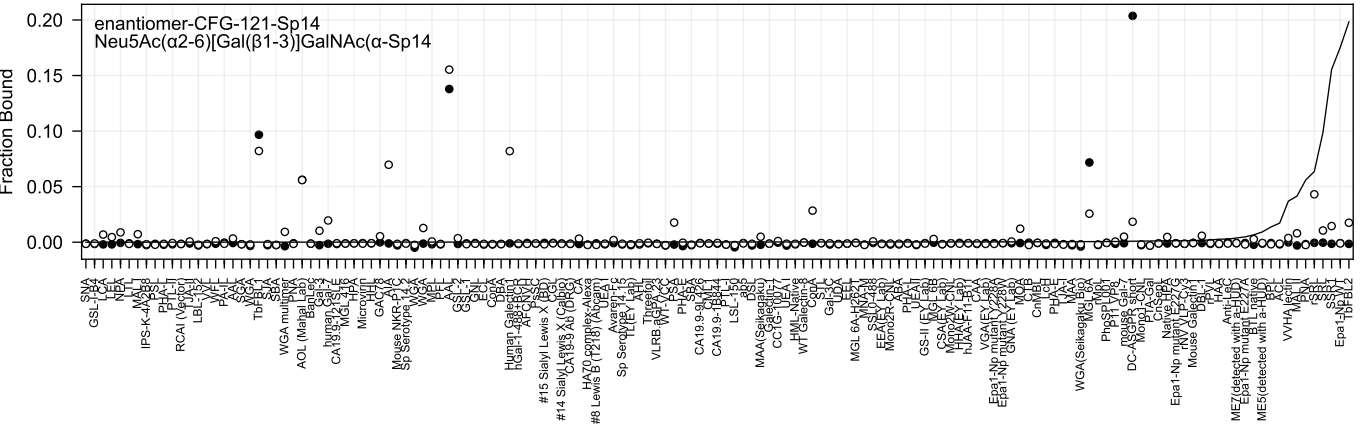

enantiomer-CFG-119-Sp8
Gal(β1-4)GlcNAc(β1-6)GalNAc(α-Sp8
Fraction Bound
0.0
0.2
0.4
0.6
SVA
SVA
UEA1
UEA1
ME7(detected with a-LD)
ME7(LEY Lab)
GFA
PSA
BAK
BAK
PTL-I
PTL-I
PHA-E
PHA-E
PHA-L
PHA-L
IPS-1-4A2B8
MAA(Seikagaku)
Jacalin
Jacalin-II
HML-native
MOA
MOA
CA19.9-12-125
CA19.9-1B78
CA19.9-1B84
CA19.9-116
GNA (EY Lab)
EEA(EY Lab)
ME5(detected with a-LD)
HA/70 complex
PNA
PNA
ME5(detected with a-LD)
SBA
SBA
UDA
UDA
VGA(EY Lab)
VGA(EY Lab)
SGA
SGA
MAL-I
MAL-I
NPL
NPL
GoMB
GoMB
PhoSL
CNL
CNL
WT Galectin-8
WT Galectin-8
MEL
MEL
PSL
PSL
DSL
DSL
AAL
AAL
P11
P11
VP4
VP4
CoA
CoA
GSL-I
GSL-I
GNL
GNL
hGal-1-488
hGal-1-488
#8 Lewis B (T218)(Abcam)
#8 Lewis B (T218)(Abcam)
GSL-II
GSL-II
HPA
HPA
DBA
DBA
Microvillin
Microvillin
EAA
EAA
Anti-Lec
Anti-Lec
PA-IL
PA-IL
Jacalin
Jacalin
Sp Serotype 14-23
Sp Serotype 14-23
#15 Sialyl Lewis X (Bio)
#15 Sialyl Lewis X (Bio)
BPL
BPL
CA19.9 Ab (DeGr)
CA19.9 Ab (DeGr)
SSA(EY Lab)
SSA(EY Lab)
rNV VP8
rNV VP8
Avarol-Fc
Avarol-Fc
DSL
DSL
Epa1-Np mutant E422Q
Epa1-Np mutant E422Q
#14 Sialyl Lewis X (Gal)
#14 Sialyl Lewis X (Gal)
VLRB-Fc
VLRB-Fc
CSA(EY Lab)
CSA(EY Lab)
GS-II (EY Lab)
GS-II (EY Lab)
SRL
SRL
hJAA-F11-Fc
hJAA-F11-Fc
GSL-I
GSL-I
SSLO-488
SSLO-488
BTL
BTL
Native Fib
Native Fib
AOL (Mahal Lab)
AOL (Mahal Lab)
Mono2W-CNL
Mono2W-CNL
SSL-150
SSL-150
Mouse Galectin-3
Mouse Galectin-3
Gal-3
Gal-3
HHA(EY Lab)
HHA(EY Lab)
BTL native
BTL native
human Gal-3
human Gal-3
Gal-3C
Gal-3C
Sp Serotype 14-23
Sp Serotype 14-23
Mono2R-CNL
Mono2R-CNL
Epa1-Np mutant Y226A
Epa1-Np mutant Y226A
WT-VCC
WT-VCC
MAA
MAA
Epa1-Np mutant E422Q
Epa1-Np mutant E422Q
Epa1-Np mutant Y226W
Epa1-Np mutant Y226W
Mono1-CNL
Mono1-CNL
Galectin-1
Galectin-1
CGL
CGL
Human Galectin-1
Human Galectin-1
mouse Gal-1
mouse Gal-1
BPL
BPL
WGA
WGA
MGL-1A
MGL-1A
MGL-1C
MGL-1C
Mouse NKR-P1
Mouse NKR-P1
VVA lectin
VVA lectin
Epa1-CnSort
Epa1-CnSort
MGL-6B
MGL-6B
MGL-6A-1A5
MGL-6A-1A5
CCTG-10077
CCTG-10077
MGL-1A
MGL-1A
MGL-6A
MGL-6A
WGA
WGA
RCA(Vector)
RCA(Vector)
WGA(Sigma/Lectinity)
WGA(Sigma/Lectinity)
DC-ASGPR short
DC-ASGPR short

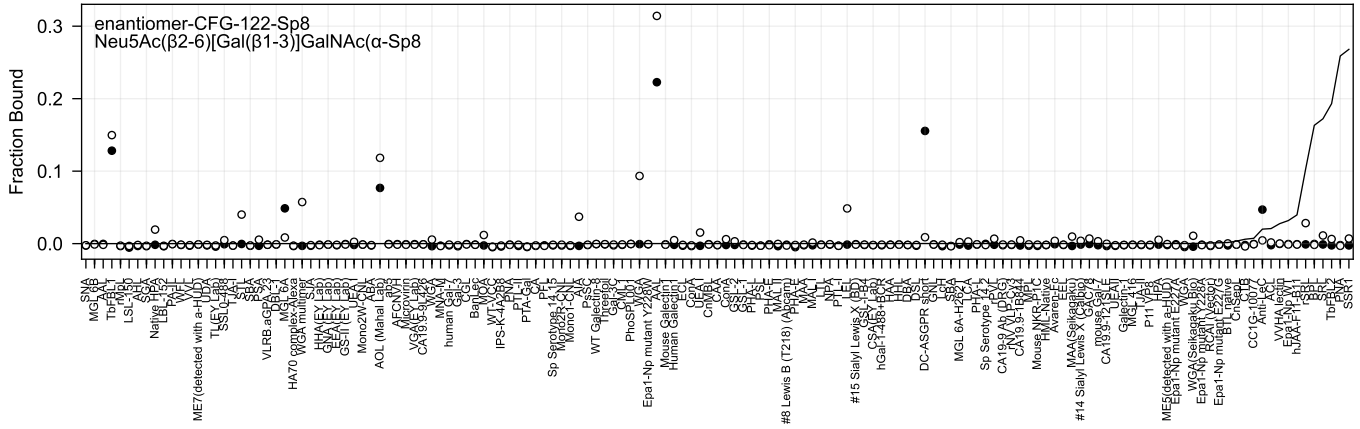

enantiomer-CFG-119-Sp14
Gal(β1-4)GlcNAc(β1-6)GalNAc(-Sp14
Fraction Bound
0.6
0.4
0.2
0.0
SNA
SNA
MAL I
MAL I
PhoSL
SBA
SBA
BPA
SBA
UEA I
VVL
VVL
hGal-1-488-6CL
#15 Sialyl Lewis X (TBD)
#8 Lewis X (Lewis X (TBD)
HA 70 complex-Alexa
HMA Native
IPS-K-A2B8
IPS-K-A2B8
BRA
CA19-9 Ab (DRG)
SJA
SJA
GSL-I
Mono1 - CNL
Mono2R-CNL
Human Galectin1
Thrombo
Thrombo
CBL1
CBL1
Sp Serotype 1
EEL
Sp Serotype 1 (ACS)
ACS
Sp Serotype 1 (ACS)
MPL
MPL
CAA
CAA
EVA
EVA
GNL
STL
STL
GNL (DBD)
VGA(EY DBD)
VGA
VGA
MP Galectin-8
MP Galectin-8
ESL
ESL
AFO
AFO
Epa1-Np mutant Y226A
Epa1-Np mutant Y226A
GS-II (EY DBD)
GS-II (EY DBD)
Mouse NRA
Mouse NRA
AAL
AAL
LEA
LEA
Epa1-Np mutant E227A
Epa1-Np mutant E227A
Epa1-Np mutant E227A
#14 Sialyl Lewis X (Calbiochem)
CA19-9-488
CA19-9-488
VVA
VVA
PNA
PNA
PTL
PTL
GSL-I-B4
GSL-I-B4
PHA-E
PHA-E
Microvum
Microvum
TL(EY DBD)
TL(EY DBD)
PHA-L
PHA-L
CPA1
CPA1
CA19-9-BSA-488
CA19-9-BSA-488
UDA
UDA
GNA (EY DBD)
GNA (EY DBD)
Epa1-Np mutant (Y226A)
CA19-9-12-SLE
CA19-9-12-SLE
MOA
MOA
PTL-II
PTL-II
CTB
CTB
rNV VLP
rNV VLP
LEL
LEL
MAA(Seikagaku)
MAA(Seikagaku)
PAA
PAA
LCA
LCA
AOL (Mahal Lab)
AOL (Mahal Lab)
MPL
MPL
Avarol
Avarol
HKA(EY DBD)
HKA(EY DBD)
hJAA-F
hJAA-F
PHA-L1
PHA-L1
SSA
SSA
GNA
GNA
VGA
VGA
RCAI (Vector)
RCAI (Vector)
SSL-28
SSL-28
GAL
GAL
PTS(Sakai)
PTS(Sakai)
WFL
WFL
VLRB.aGC-23
VLRB.aGC-23
human Galectin-7
human Galectin-7
TBL-15
TBL-15
WT-VSC
WT-VSC
JSL-150
JSL-150
Mouse Galectin-1
Mouse Galectin-1
Native HA
Native HA
Epa1 MNK-N
Epa1 MNK-N
mouse Galectin-1
mouse Galectin-1
ME7(detected with a-SPUD)
ME7(detected with a-SPUD)
SRL
SRL
WGA(Seikagaku) Bio
WGA(Seikagaku) Bio
EEA(EY DBD)
EEA(EY DBD)
PAT
PAT
ConSepr
ConSepr
SRL
SRL
BTL (EY DBD)
BTL (EY DBD)
ME5(detected with a-SPUD)
ME5(detected with a-SPUD)
PAT
PAT
MGL 6A
MGL 6A
WGA multimer
WGA multimer
MGL 6A-1
MGL 6A-1
TBEB-1
TBEB-1
CVNA (Vector)
CVNA (Vector)
MGL 6A
MGL 6A
MGL 6A
MGL 6A
DC-ASGPR short

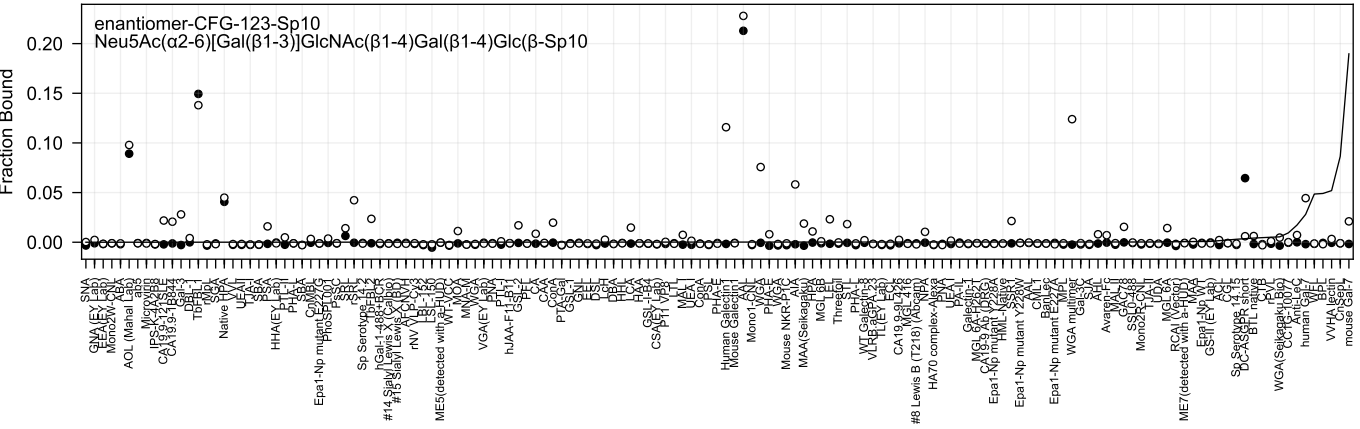

enantiomer-CFG-120-Sp8
GlcNAc(β1-6)[Gal(β1-3)]GalNAc(α-Sp8
Fraction Bound
0.0
0.2
0.4
0.6
SNA
Mono2W-SNA
PTL-I
PWM
TL(EY Lab)
NPA
CSA(EY Lab)
PHA-L
HHL
#8 Lewis B (T218) (Abcam)
PNA
PTA
Bauhinia
Mono2R-SNA
PHA-E
WT Galectin-3
OAA
UEA
SBA
Ecl1
Human Galectin-1
Mouse Galectin-1
PhaCo
Ape
PhoSL
OAA
#14 Sialyl Lewis X (Calbiochem)
Morgan-Fox
hGal-4 488-Fc
SCL
CVN
CA19.9 - (BD)
CA19.9 - (R&D)
CA19-9 A0 (DRG)
PSA
PSC
Galectin-3
HA70 complex-Alexa
HPA
HML-Native
GNA (EY Lab)
#15 Sialyl Lewis X (BD)
Sp Serotype 14 (42)
Sp Serotype 14 (19)
Epa1-Np mutant WGA
Rcg1-Fc
rNV VLP-Fc
SJA
MGL-Cat-19
human Galectin-9
SBA
MNA
UDA
GSII
AAL
Threefoil
LFA
UEA
DBL-1
LJL
LSL-Glb
Avaren-Fc
Gal-3-Fc
MPA
CFA
CGN
EEA(EY Lab)
SSL1-488
HHA(EY Lab)
MAA(Seikagaku)
Sp Serotype 14 (19)
ACL
CA19.9-9-488
CA19.9-488
EEL
PSL
CSL
MGL 6A-H2
BCL
KOA
LCA
UEA
VVL
LBL
GSII-B4
CA19.9-12-SDS
Native
AAL
MGL
GSII-B4
P-1
WAA-I
mouse Gal-7
AFP-NVF
AAL
IPS-Kb-BP3
WGL-B8
Gal-3
VLRB
ACA
GSII (EY Lab)
Epa1-Np mutant Y-FLOW
MEF(detected with sFLOW)
MEF(detected with sFLOW)
AOL (Majdal Lab)
Mouse B Native
Epa1-Np mutant E-FLOW
hJAA-F-488
CrSA
PNA
WGA(Seikagaku)
Bog
Arn
WGX
CCYA
CCYA(Bog)
GAC
Ecl2
DC-ASGPR
Ecl1
WGA
SBA
SBL
CSL
Epa1-Np
TcBL
SJA
SNA
WGA multimer

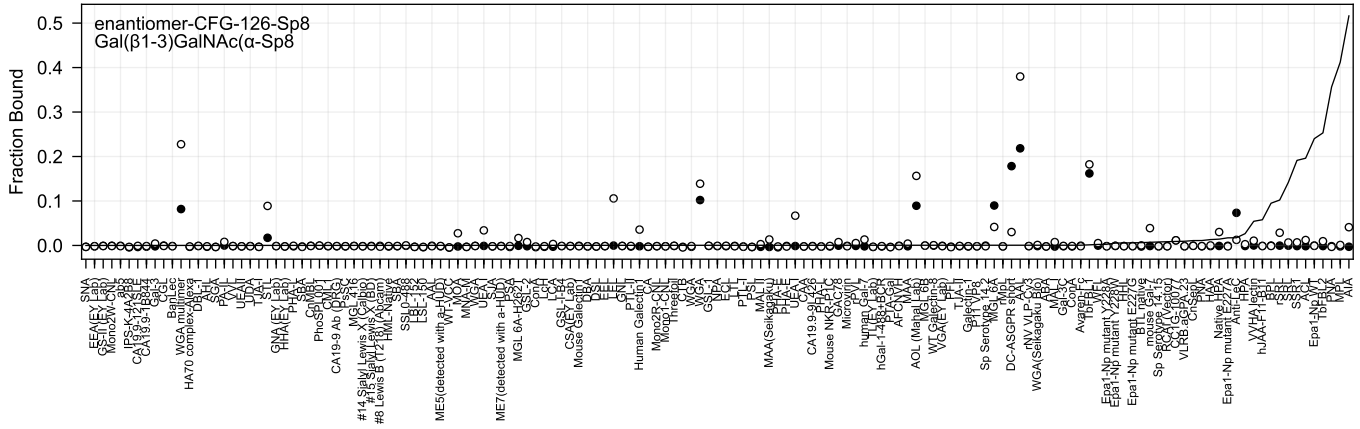

enantiomer-CFG-120-Sp14
GlcNAc(β1-6)[Gal(β1-3)]GalNAc(α-Sp14
Fraction Bound
0.3
0.2
0.1
0.0
SNA
SNA (Lab)
AOL (Mahal Lab)
Mcy
Mcy (Lab)
PNA
PNA (Lab)
CA19-9 Ab
CA19-9 Ab (Lab)
Galectin-7
Gal-7
WGA mutimer
WGA (Lab)
HA70 compound
MGL-968
Tn-BSA
ABL
ABL (Lab)
Native PFA
PFA
PFA (Lab)
TL(EY Lab)
UEAII
UEAII (Lab)
GSII (EY Lab)
GSII (EY Lab)
GNA (EY Lab)
GNA (EY Lab)
CD69
CD69 (Lab)
CA19-9 Ab
Galectin-2
Galectin-2 (Lab)
DC-ASGPR sol
DC-ASGPR sol (Lab)
#14 Sialyl Lewis b (Calbiochem)
hGal-1-488-BCR
#8 Lewis b (Calbiochem)
rNV AFCNV1
rNV AFCNV1 (Lab)
vLRR aGP-23
SSL-38
SSL-38 (Lab)
LSL-48
LSL-48 (Lab)
ME5(detected with a-HUD)
MOA
MOA (Lab)
MVA
WGA
VGA(EY Lab)
VGA (Lab)
SJA
SJA (Lab)
PHA-E
PHA-E (Lab)
LBL-38
LBL-38 (Lab)
hJAA-F11-B11
CoA
CoA (Lab)
P11
VFB
LEL
LEL (Lab)
LCA
LCA (Lab)
CSA(EY Lab)
CSA (Lab)
HPA
HPA (Lab)
DBA
DBA (Lab)
PSA
PSA (Lab)
DSL
DSL (Lab)
FRA
FRA (Lab)
Mouse NKR-P1C
GSL-I
PHA-L
PHA-L (Lab)
Human Galectin-1
PTL-I
PTL-I (Lab)
PTL-II
PTL-II (Lab)
UEA-I
UEA-I (Lab)
MPL
MPL (Lab)
WGA
WGA (Lab)
CTB
CTB (Lab)
GNA
GNA (Lab)
PTA
PTA (Lab)
GSL-I-B4
GSL-I-B4 (Lab)
mouse Galectin-3
Mouse Galectin-3 (Lab)
CA19-9 Ab
MGL1&2-PBS21
PFA-E
PFA-E (Lab)
PSL
PSL (Lab)
RCAI (Vector)
RCAI (Vector) (Lab)
MAA(Seikagaku)
MAA (Seikagaku) (Lab)
CA19-9 Ab
CA19-9 Ab (Lab)
Epa1-Np mutant E227G
Epa1-Np mutant E227G (Lab)
SP-Native
SP-Native (Lab)
HMM-Native
HMM-Native (Lab)
#15 Sialyl Lewis a (Rd)
#15 Sialyl Lewis a (Rd) (Lab)
WT Galectin-9
WT Galectin-9 (Lab)
Sp Serotype 14-2
Sp Serotype 14-2 (Lab)
Epa1-Np mutant Y226G
Epa1-Np mutant Y226G (Lab)
Mono1-CNT
Mono1-CNT (Lab)
PNA
PNA (Lab)
ME7(detected with a-HUD)
ME7(detected with a-HUD) (Lab)
Epa1-Np mutant E227G
Epa1-Np mutant E227G (Lab)
MAX
MAX (Lab)
Mono2R-CNT
Mono2R-CNT (Lab)
WGA(Seikagaku)
WGA (Seikagaku) (Lab)
NPA
NPA (Lab)
CTB
CTB (Lab)
BTL (native)
BTL (native) (Lab)
Galectin-4
Galectin-4 (Lab)
Epa1-Np mutant E227A
Epa1-Np mutant E227A (Lab)
DSA
DSA (Lab)
ACL
ACL (Lab)
CC1G-10677
CC1G-10677 (Lab)
VVA
VVA (Lab)
Epa1-Np
Epa1-Np (Lab)
ABL-lec
ABL-lec (Lab)
SBL
SBL (Lab)
Tn-BSA
Tn-BSA (Lab)
PNA
PNA (Lab)
SSR1

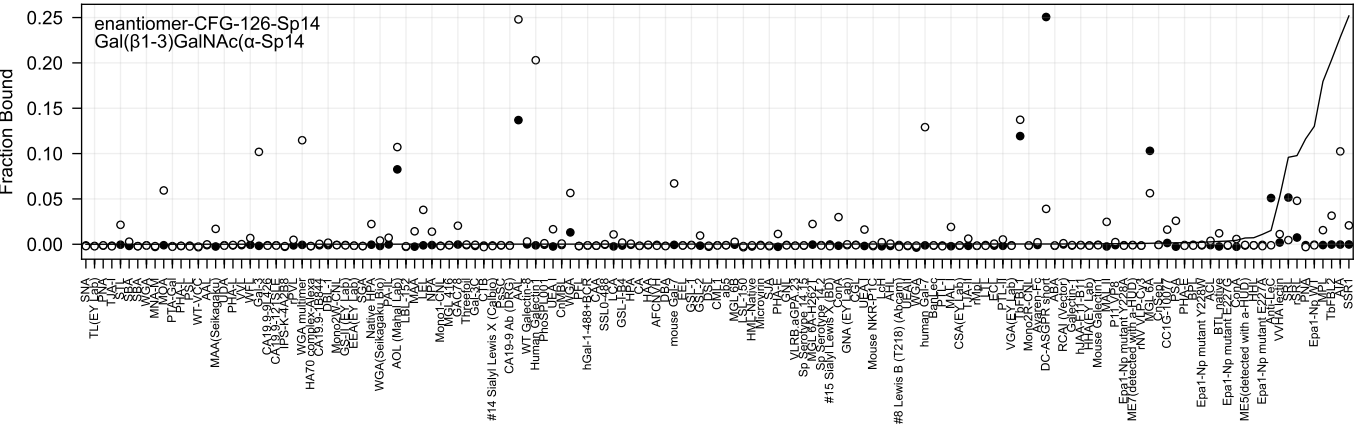

enantiomer-CFG-121-Sp8
Neu5Ac(α2-6)[Gal(β1-3)]GalNAc(α-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
0.4
SNA
SNA (EY Lab)
EEA(EY Lab)
GS-II (EY Lab)
Monoclonal Ab
ABA
AOL (Mahal Lab)
Mcrxy008
IPS
Mcrxy009
CA19.9-1-TSS6
CA19.9-1-TSS26
GNA (EY Lab)
WGA (Vector)
TD-1
Mcrxy006
Mcrxy007
Native EBA
WGA(Seikagaku Biol)
PVV
UEA-I
UEAII
HA70 complex-Alexa
HHA(EY Lab)
PNA
CCL2
WT Galectin-3
DC-ASGPR(human) Fc
#14 Sialyl Lewis x (Calbiochem)
#7 Sialyl Lewis x (Calbiochem)
#8 Lewis B (12-1)
rNV KRNV1
rNV PRNV1
rNV PRNV2
VLRB aGP-23
LSL-150
ME5(detected with anti-VCD)
WT-VCD
MNA
WGA
VGA(EY Lab)
ME7(detected with anti-VCD)
MGL 6A-H-26-11
LCA
GSL-I
CSA(EY Lab)
HPA
AAL
AAL
DBA
PSL
SNL
GSL-I-B4
GSL-2
CAA
PCA
P21 VLP-8
Monoclonal-CNL
Monoclonal
MPA
Threonin
GNA
SJA
STB
VCB
PTA-G
PTA-I
PHA-L
PHA-E
PSL
CoPA
MAL I
RCA(Vector)
MAA(Seikagaku Biol)
PHL-I
PTL-I
MAA
MAL II
UEA-I
SBA
Human Galectin-1
Mouse Galectin-1
OSL
CA19.9-NK-P3-C3
CA19.9-TB-A44
CA19.9-TB-B44
GAC-6
Sp Serotype 14
Rat-1 68
MGL 7A5
SJA
human Galectin-3
Sp Serotype 14-15
Galectin-3
CC-488
SSL-488
mouse Galectin-7
Galectin-1-W
Galectin-1-N
Epa1-Np mutant P268A
BTL Hallow
PhoSP WT
Epa1-Np mutant P268A
CC1G-1001-1
Aub-1-FC
Epa1-Np mutant P268K
hAub-1-FC
Epa1-Np mutant P268R
Epa1-Np mutant E227A
WHA Fasciolin
SSL7
SNA
BPL
Epa1-Np WT
ACL

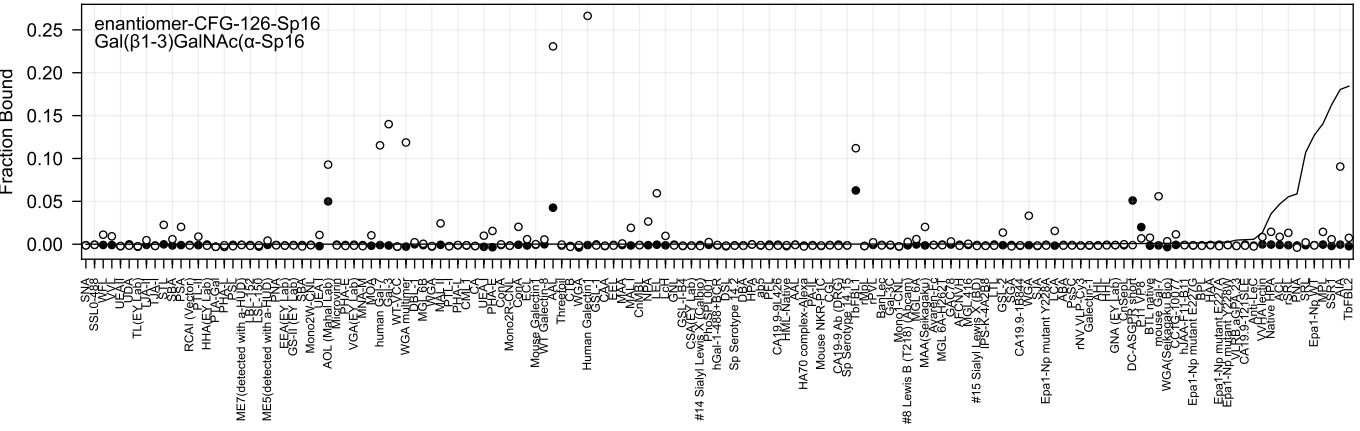

enantiomer-CFG-121-Sp14
Neu5Ac(α2-6)[Gal(β1-3)]GalNAc(α-Sp14
Fraction Bound
0.20
0.15
0.10
0.05
0.00
SNA
GSL-I B4
LCA
NEA
MAL I
IPS-K-A2BB
PHA-L
PHA-E
RCA I (Ricinus)
LBL-I 3/7
WFL
PNA
AAL
WGA
TbFBP-A
SBA
WGA multimer
AOL (Mahal. Lab)
Bauhinia
human Gal-7
CA19.9-PAA
MGL 3.15
HPA
Microvirin
HHL
GNA
Mouse NKR-P1C
Sp Serotype 4
WGA
WFA
DBA
GSL-I
GSL-II
ECL
CBA
CPA
Human Galectin-1
hGal-1 APC/Fc(1)
PCL
#15 Sialyl Lewis X (SD)
#14 Sialyl Lewis A (SD)
HA70 complex-Alexa
#8 Lewis B (P218) (Alexam)
Avarol-Et
Sp Serotype 14.15
TL(EY) Arb
VLRB (WT) Fc
PTGFR
SBA
CA19.9-SKL1
CA19.9-PBL14
LSL-1b
DSL
MAA(Seikagaku)
CC-TG-10077
HML-Nature
WT Galectin-8
SNA
Galectin-3
GNA
EEL
MGL 6A-MX2M
SSL-1
EEA SSL-488
Momor2R-CRD
PNA
PA-IIA
GS-II (EY Labs)
TG-RB
CSA(EY-CRD)
MPA(EY-CRD)
hAAT-F1 (EY-LBP)
SAA
VGA(EY-LBP)
Epa1-Np mutant (Y228A)
Epa1-Np mutant (Y228A)
GNA (EY-MBP)
CTB
CnuPA
PTA
PHA-E
MAA
WGA(Seikagaku)
Lectin
MPL
PhaSP (MP)
p11 (MP)
DC-ASGPR
Mouse Gal-7
Momor1-CRD
CrSeaB
Nal(ve)-HPA
Epa1-Np mutant (Y228A)
TNFR LZ-C3
Mouse Galectin-1
DSA
PVX
Human Ang-4
Anti-Tag
MEZ(detected with anti-Epa1-Np)
Epa1-Np mutant (Y228A)
BTL native
ME5(detected with anti-Epa1-Np)
ACL
ACA
VVHA
MAL II
PNA
SBA
SSL-1
SSL-2
Epa1-Np (WT)
TbFBP-C

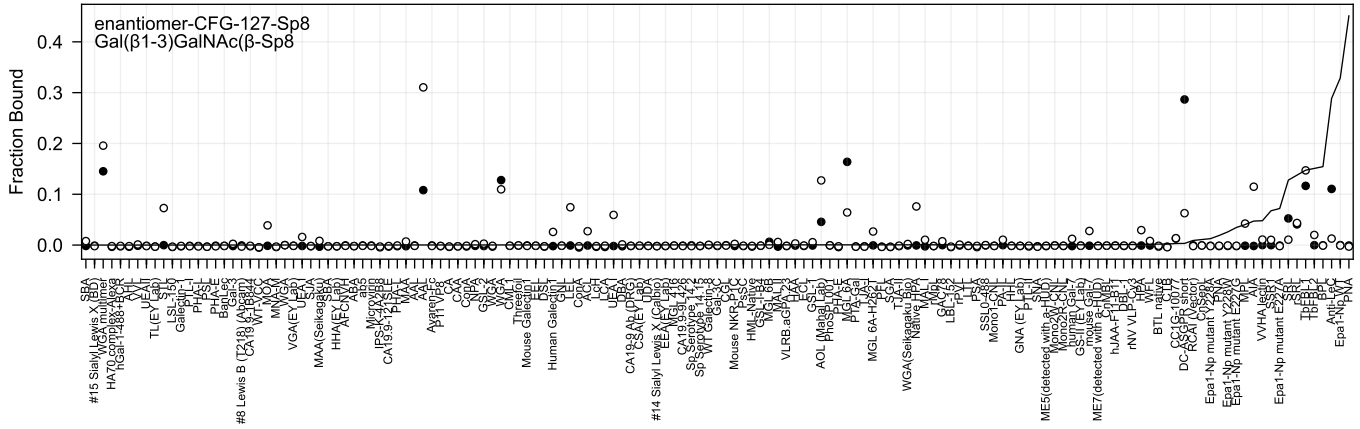

enantiomer-CFG-122-Sp8
Neu5Ac(β2-6)[Gal(β1-3)]GalNAc(α-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
SNA
MGL 6A
MGL 6B
Tbp-AA1
PNA
LSL-A3b
SSA
Nativo 152
PAA
PAA-F
VVL
ME7(detected with a-HUD)
TxLEV (Lab)
SSL1-A1
SSA
PSA
VLRB.a(GBA-2)
PSA
MGL 6A
HA70 complex (Lab)
WGA multimer
SJA
HHA(EY Lab)
GNA(EY Lab)
GSII(EY Lab)
Mono2W(EY Lab)
ABA
AOL (Mahal Lab)
ABA
AFCNVH
VGA(EY Lab)
CA19.9-WKZ
MNA-M
human Gal-3
CGL
Bauhinia
WGA
IPS-K14-2286
PNA
PTA-Gal
PCL
Sp Serotype 14-15
Mouse Galectin-1
Mouse Galectin-3
PSA
P-ABA
WT Galectin-8
Tomato
SJA
PhoSPL
WGA
Epa1-Np mutant Y2-2(Lab)
Mouse Galectin1
Human Galectin1
GPA
CnBL
CoA
GSII-2
PTA-1
PSL
PNA
MAL II
PHA-E
MAA
MAL I
NPA
#8 Lewis B (T218) (Abcam)
#15 Sialyl Lewis X (Lab)
CA19.9-Ab (Lab)
hGal-1486 (Lab)
EAA
DBA
DSL
DC-ASGPR
SNL
SBA
MGL 6A-H2B2
PHA-L
Sp Serotype 5-7
CA19.9-Ab (DRG)
CA19.9-FB243
MPL
Mouse NKR-Native
Avarol
EEL
MAA(Seikagaku)
#14 Sialyl Lewis X (Calbiochem)
mouse Gal-7
CA19.9-2
UEA1
Galectin-11
Galectin-1
P11
TEA
ME5(detected with a-HUD)
Epa1-Np mutant E-HUD
WGA(Seikagaku)
Epa1-Np (Seikagaku)
RCA(Vector)
Epa1-Np mutant Leu-Ala
ChSB
CC1G-10077
Ann-A
LEC
VVHA-Lectin
hAAA-FYB-B11
PBL
SRL
Tbp-AA2
PNA
SSRT

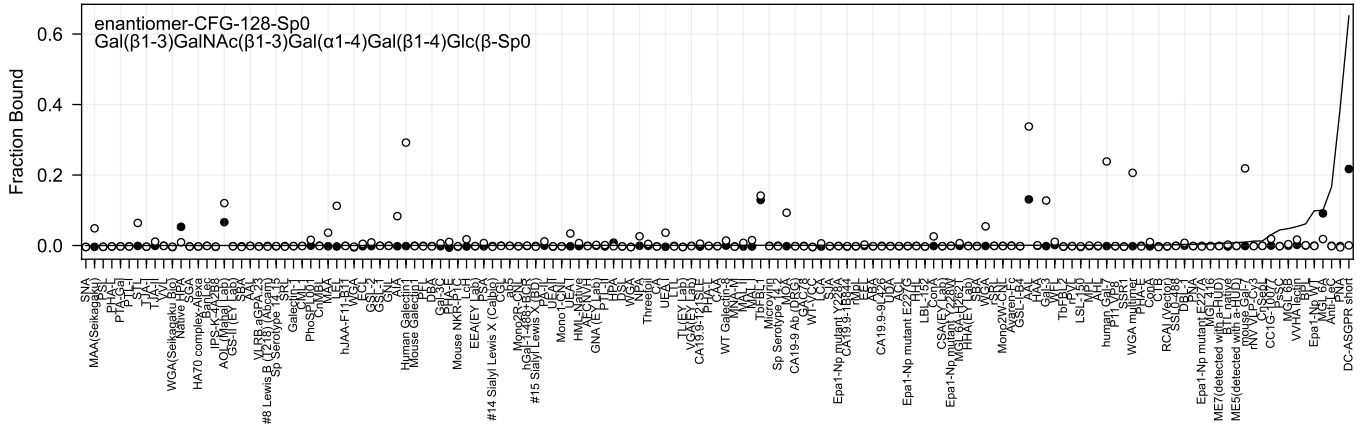

enantiomer-CFG-123-Sp10
Neu5Ac(α2-6)[Gal(β1-3)]GlcNAc(β1-4)Gal(β1-4)Glc(β-Sp10
Fraction Bound
0.20
0.15
0.10
0.05
0.00
SNA
GNA (EY Lab)
EEA(EY Lab)
Mono2W
ABA
AOL (Mahal Lab)
Mcrx
IPS
CA19.9-125CP
CA19.9-18B44
DBA
DBL-1
TD1
SBA
VVA
Native VVA
UEAI
SBA
SNA
HHA(EY Lab)
PTL-I
SBA
Cholera
ProSP-100
PNA
SBT
SBT
SBT
Sp Serotype 14
PE-PL2
Gal1-4Gal-PC
#14 Sialyl Lewis C (Rp)
#15 Sialyl Lewis A (Rp)
nVVL
VVL
LBL-152
LBL-156
ME5(detected with a-HUD)
WFA
MOA
MVAGA
VGA(EY Lab)
PNA
hJAA-F
GLL-11
BPL
CA
CCA
CoroA
PTA
OSA-9
GNL
DSL
DSA
DBA
TEL
HAA
CSA-1
CSA-2
P11
VSB
MALI
UEA-I
PSA
PHA-E
PHA-L
Human Galectin-1
Mouse Galectin-1
Mono1
CNL
WGA
PWGA
WGA
Mouse NKR-P1A
MAA(Seikagaku)
PAL
MGL
EBL
Thera
ECL
PSL
WT Galectin-3
VLRB aggA 23
VLRB aggA 25
LTCP
ECL
CA19.9-Lel 416
CA19.9-Lel 418
#8 Lewis B (T218) (Abcam)
HA70 complex-Alexa
LEA
LEA
LAL
LAL
MGL (Seikagaku)
Galectin-1
CA19.9 Ab (PRO)
Epa1-Np mutant
KMT-Native
Epa1-Np mutant Y225W
CAA
CAA
Bolt-1
Epa1-Np mutant E222A
WGA mutmgt
Galectin
ACL
AvaCL
WAL-II
GAC
SSA
SSA2R
CNL
Mono2R
UDA
RCA(EY Lab)
MGL-6A
ME7(detected with a-HUD)
MAA
Epa1-Np
GSII (EY Lab)
CSL
CSL
Sc-SSA2R
DC-SIGNR 14-15
DC-SIGNR 14-15
BTL native
PVL
WGA(Seikagaku)
CCA
AnuLec
human Galectin-7
BPL
BPL
VVHA
CNL
mouse Galectin-7

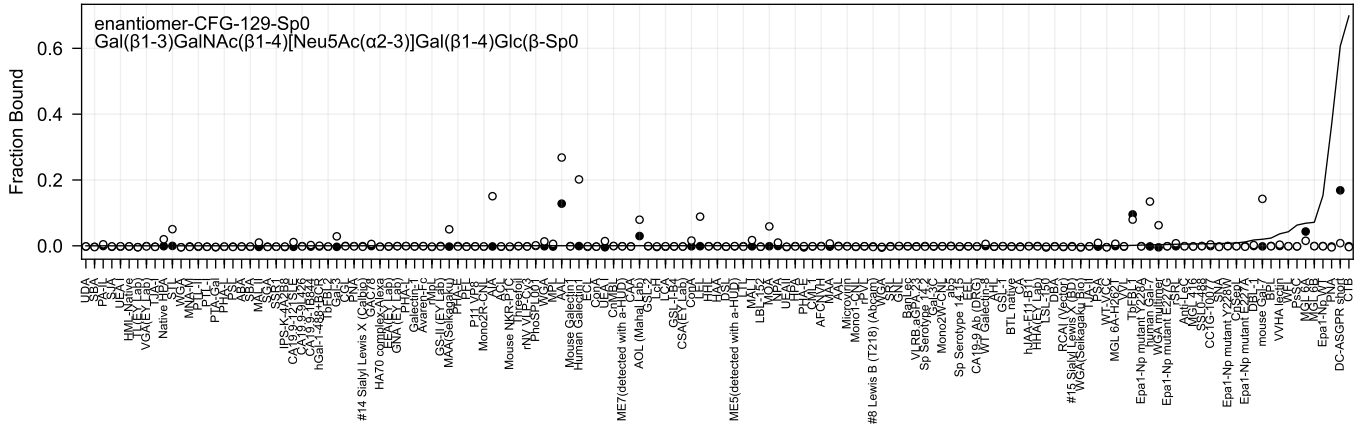

enantiomer-CFG-126-Sp8
Gal(β1-3)GalNAc(α-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
SNA
EEA(EY Lab)
GS-II(EY Lab)
Micro2W Lab)
ABS
CA19.9-BSA
CA19.9-PAA
CA19.9-PAA
CA19.9-BSA
CEC
Bam.lec
WGA mutant Lewis
HA70 complex-Alexa
DAT-1
SGA
PNA
VVL
UEA-II
ACA
HPA
LTA
GNA (EY Lab)
HHA(EY Lab)
PA-IIA(EY Lab)
SBA
CTB
PhoSpl
MOR
CA19-9 Ab (BioLegend)
CA19-9 Ab (Santa Cruz)
#14 Sialyl Lewis X(TBD)
#15 Sialyl Lewis X(TBD)
#8 Lewis B (12-Mer Alanine)
SSA
SSL-7
BL-7520
LSL-7510
ME5(detected with a-HUD)
WT
MOX
MNA
UEA-I
ME7(detected with a-HUD)
MGL 6A-HRP
GSL-2
CCA
LCA
GSL-I
CSA(EY Lab)
Mouse Galectin
DSA
EEL
GNL
PSL
Human Galectin-1
GNL
Mono2R-CNL
Mono1-CNL
Threonine
WGA
WGA
GSL-I
LPA
NPA
PTL
PSL
MAL-II
MAA(Seikagaku)
BPA(EY Lab)
PHA-E
PHA-L
PUEA
CAA
CA19.9-BSA
BPA(EY Lab)
Mouse NK-AC-16
Microvill
human Gal-7
hGal-1-HRP
PTA-Gal
AfC
NNA
AOL (Matrix Lab)
WT Galectin-8
VGA(EY Lab)
TJA-I
Galectin-1
Sp Serotonin
WGA
rNV VLP
DC-ASGPR short
WGA(Seikagaku)
RBA
MAL
GNA
Coral
Avenin
EPA-LT
WFL
Epa1-Np mutant Y228Q
Epa1-Np mutant Y228Q
WFL
Epa1-Np mutant E227Q
BTL (native)
Mouse Lectin-15
Sp Serotonin
Mouse Lectin-15
RCA(Vector Lab)
VLRB.aGPA.23
Chitin
SNA
HPA
Native
Epa1-Np mutant E227A
Anti-HBC
VVHA
hJAA-FH
PBL
SBL
SSBL
AVT
Epa1-Np
TDFL
BLL
MPA
AIA

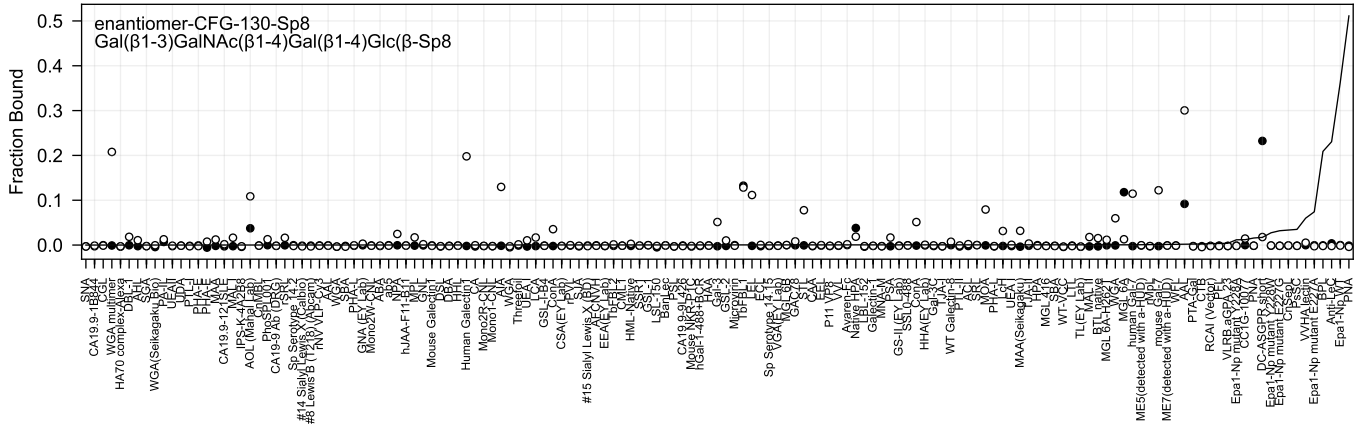

enantiomer-CFG-126-Sp14
Gal(β1-3)GalNAc(α-Sp14
Fraction Bound
0.25
0.20
0.15
0.10
0.05
0.00
TL(EY Lab)
SNA
PNA
TJ
SJA
SBA
WFA
MAL
MOA
PA-Gal
PSL
WT- AOL
MAA(Seikagaku)
PHA-L
PHA-E
WGA
Gal-3
Gal-8
CA19-9 (Calbiochem)
CA19-9 (Fitzgerald)
IPSK-4-2B8
WGA multimer
HA70 (Calbiochem)
CA19-9 (Abcam)
DBL-1
Monoclonal (EY Lab)
EEA(EY Lab)
Native EPA
WGA(Seikagaku)
AOL (Mathé Lab)
LBA
MAX
NPL
Mono-CNL
MGA-C18
Tnfaip8l1
CTB
#14 Sialyl Lewis X (Calbiochem)
CA19-9 Ab (DRG)
WT Galectin-3
Human Galectin-1
Phoca
DEA
CWA
WGA
hGal-1-488 + PE
hGal-1-488 + PE
SSLU-488
GSL-I B4
HCA
AFG
NAA
DBA
mouse Gal-7
GSL-I
CSA
Dist
CML-1
MGL-488
HMS-1 Native
Microvirin
PHA-E
VLRB.aGP.v1
Sp SecVCR1-14.13
Sp SecVCR1-14.12
#15 Sialyl Lewis X (Lab)
Sp Secvcr1-14.15
GNA (EY Lab)
UEA
Mouse NKR-P1c
AHL
#8 Lewis B (T218) (Abcam)
human Bacec
VGA
MAL-I
CSA(EY Lab)
MGL
ECL
PTL-II
VGA(EY Lab)
Mono2R-CNL
DC-ASGPR ectodomain
RCA(Vector)
Galectin-1
hHA(EY Lab)
Mouse Galectin-1
P11(Vbs)
Epa1-Np mutant Y228A
ME7(detected with a-FOOD)
NWV(RB-Cx)
CC1G-Tox27
PHA-E
Epa1-Np mutant Y228A
BTL
Epa1-Np mutant E227A
ME5(detected with a-FOOD)
Epa1-Np mutant E227A
VVHA(Lab)
SBL
PNA
Epa1-Np
MPL
Tbr-FLX
SSR1

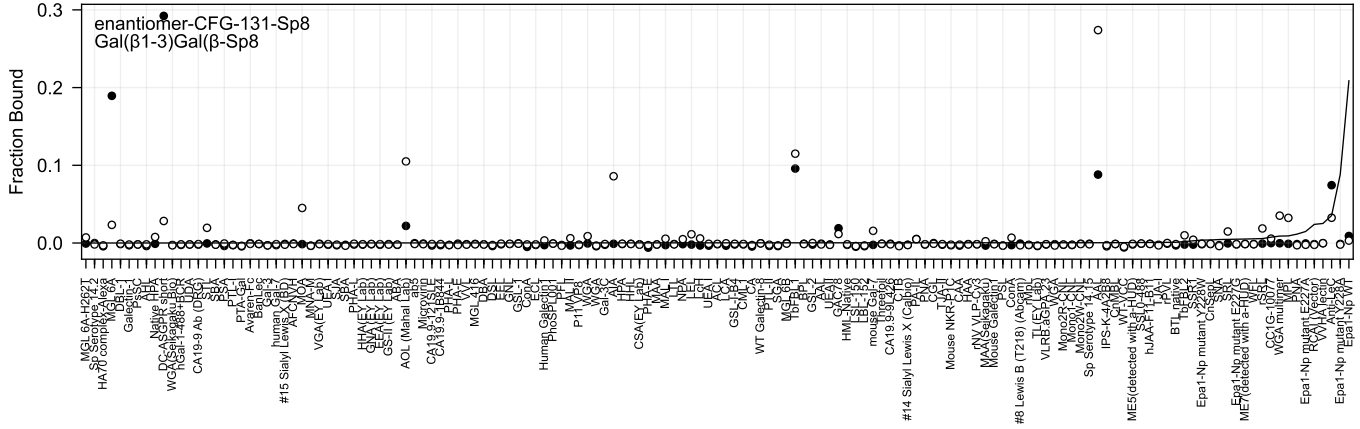

enantiomer-CFG-126-Sp16
Gal(β1-3)GalNAc(α-Sp16
Fraction Bound
0.25
0.20
0.15
0.10
0.05
0.00
SNA
SSLO_398
WFA
UEAI
UDA
TL(EY Lab)
LCA
SJA
SBA
PNA
RCAI (Vector)
HHA(EY Lab)
PA-Gal
PSA
ME7(detected with a-H-(O2))
LSL-186
ME5(detected with a-PNA)
GEA
GSII(EY Lab)
SBA
Mono2W(EY Lab)
AOL (Mahal Lab)
MPA
VGA(EY Lab)
MOA
human Gal-3
WFA Thy(Neg)
WFA Thy(Pos)
MOA
MAL-II
PHA-L
CMA-1
UEA-1
PCA-E
Mono2R(EY Lab)
CNL
Mouse Galectin-3
WT Galectin-3
AAL
Threitol
VVGA
Human Galectin-1
GSL-I
CEA
MAA
CNBL
NEA
LCA
GSL
GSL (EY Lab)
CSA(EY Lab)
#14 Sialyl Lewis X (Prozyme)
hGal-1-488
BSL
Sp Serotype 12
TJA-I
HPA
BPL
CA19.9-IgG
HM-Neuac
HA70 complex-Alexa
Mouse NKR-P1C
CA19.9 Ab (DRG)
Sp Serotype 14-19
Tn
PNA
PVL
Bandeiraea-SIC
Gal-3C
#8 Lewis B (T218)
MGL6A
MAA(Sevenson)
MGL 6A (T262)
APCNV3
#15 Sialyl Lewis X (Lab)
IPSR-4-4258
GSL-I
CA19.9-IgG
WGA
Epa1-Np mutant Y228A
TJA
Epa1-Np
nNV VP8
Galectin-7
AIA
GNA (EY Lab)
DC-ASGPR-Seq
PTX
P11 VP8
mouse Galectin-9
WGA(Seikagaku Biology)
hJAA-F-1-B11
Epa1-Np mutant E226A
FGA
Epa1-Np mutant Y228A
Epa1-Np mutant Y228A
CA19.9-sFcS-2
ANL
Lec
Native HPA
ACL
PNA
SNA
Epa1-Np
NMP
SSA
TBP-B1.2

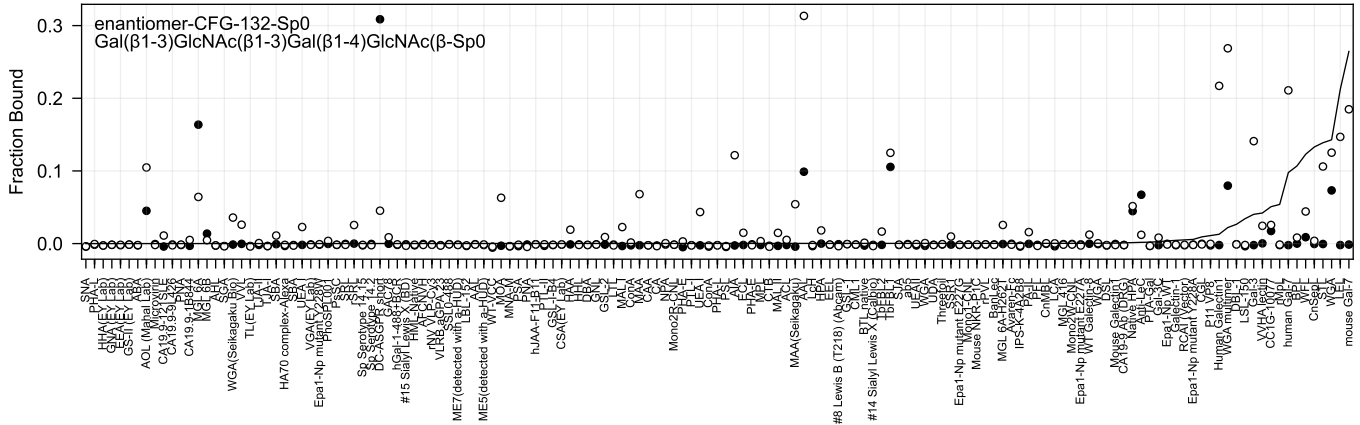

enantiomer-CFG-127-Sp8
Gal(β1-3)GalNAc(β-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
0.4
SBA
BDL
#15 Sialyl Lewis X
WGA mutimer
HA70(Cow)
hGal1(128S-R53S
OVA
UEA-II
TL(EY Lab)
LSL-150
Galectin-1
PNA
PBS-I
PHA-E
Bauhinia
Galectin-3
#8 Lewis B (CA18) (Arbor)
CA19.9 (Arbor)
WT-VCC
MNA
VVA
VGA
VGA(EY Lab)
UEA-I
MAA(Seikagaku)
LCA
SBA
HHA(EY Lab)
AEC
ABA
ABA
Microvoid
IPS-001
CA19.9-1 (ATCC)
PTA
PHA-L
AAL
AAL
Avarellin
PHA-L
PTA
PTA
PTA
PTA
CAA
CoPA
GSL-2
WGA
CML-1
Thomsen-Friedenreich
Mouse Galectin-1
ISL
Human Galectin-1
GLL
CoPA
LCA
UEA-I
CA19.9 Ab (PTA)
CA19.9 Ab (PBS)
CA19.9 Ab (BDA)
#14 Sialyl Lewis X (Calbiochem)
EEA (EY Lab)
CA19.9 (Arbor)
Sb-Serotypes 1,4,12
sp-WPP Galectin-8
Galectin-7
Galectin-3C
Mouse NKR-P1C
HML-Native
GSL-I B4
MALI
VLRB.aGPC
DSA
ECA
GNA
AOL (Matsu-Tan)
PhoSL
HPA
MGL-6A
PTA (Jacl)
MGL-6A-H-2B2
SCA
TJA-I
WGA(Seikagaku)
LEL-I
Native LTA
MOA
LEA-1/2
PNA
PTA
PTA
SSLU-488
Moriu-488
PAL
PAL
GNA (EY Lab)
PHA-L
PAL
ME5(detected with a-HOD)
Mono2A-CNL
Mono2A-CNL
human Gal-1
GSL-I (Gal-1)
ME7(detected with a-HOD)
hJAA-F11-B11
hJAA-F11-B11
rNV VLP-1
HPA
BTL native
CC1G-100-119
DC-SIGNR short
RCA (Vector)
Epa1-Np mutant Y228A
Epa1-Np mutant Y228A
Epa1-Np mutant E222A
Epa1-Np mutant E222A
AAL
AAL
VVHA(Seikagaku)
SSL
Epa1-Np mutant E222A
SSL
TEEB-1
BPL
BPL
Epa1-Np WT
Epa1-Np WT
PNA

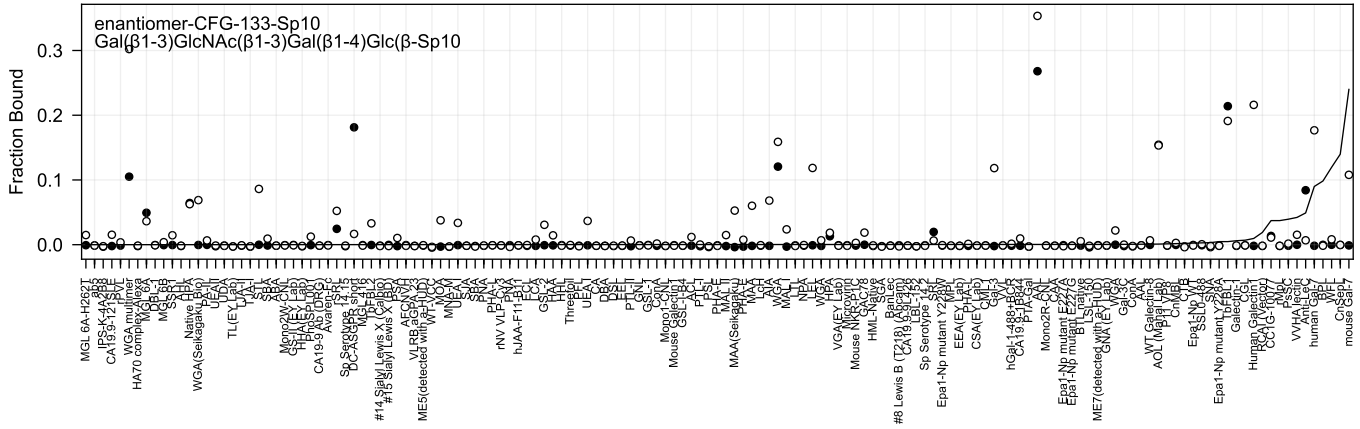

enantiomer-CFG-128-Sp0
Gal(β1-3)GalNAc(β1-3)Gal(α1-4)Gal(β1-4)Glc(β-Sp0
Fraction Bound
0.0
0.2
0.4
0.6
SNA
MAA(Seikagaku)
PSL
PNA
PTA-Gal
STL
TJA-I
VVL
TJA-II
WGA(Seikagaku)
Rca
Nature
sGA
HA70 complex
Jacalin
IPS-1-AV488
AOL(Vector Lab)
GS-II(Vector Lab)
SBA
SJA
VLRB.aGPA.23
Sp Serotype 14
#8 Lewis B
Sp Serotype 4
SNT
Galectin-1
PhoSL
CVN
MAH
WFA
hJAA-F11
RIT
WGA
SGA
GSL-2
SNL
AIA
Human Galectin-1
Mouse Galectin-1
DBA
Gal-3C
Mouse NKR-P1C
LcH
EEA(EY Lab)
PSA
#14 Sialyl Lewis X (Cabagi)
ABS
MonoOR
hGal-1-488-BCH
#15 Sialyl Lewis X(Bch)
UEA-II
UEA-I
Mono UEA
HMA
Mono-RNAse
GNA(EY Lab)
PHA-L
PHA-E
RSL
WGA
NPA
Threo(p)
UEA-I
TJ(EY Lab)
CA(EY Lab)
CA19.9(EY Lab)
PHA-L
CAA
WFA
WGA-N
MAL-I
TcBL
Mono Galectin-1
Sp Serotype 14
CA19-9 Ab (Dako)
GAC-2
GAC-1
WT-1
CCA
Epa1-Np mutant X
SSA
CA19.9-1B842
TIPA
TIPE
CA19.9-9
CEA
UDA
CA19.9-9 mutant E224
LBL
Con-A
GSA(EY Lab)
Epa1-Np mutant E224
MGL-1(Bch)
HHA(EY Lab)
SBA
VGA
Mono2W-BSL
Galectin-8C
AAL
Galectin-8N
Galectin-3
ABL
Tb-RBP
PVL
LSL-Lab
MPL
AAL
human Galectin-7
PTL-VP8
SSTR1
WGA mutant
pHACE
CoHB
RCA(Vector Lab)
SSA(Bch)
DBL-1
Epa1-Np mutant E224A
MGL-1-16
ME7(detected with pHACE)
ME5(detected with a HUD)
NVVP-Fc-c3
CC1G-10647
Fc-SS
MGL-1-6A
VVHA(Bch)
Epa1-Np
MGL-1-6A
Arth
PNA
DC-ASGPR short

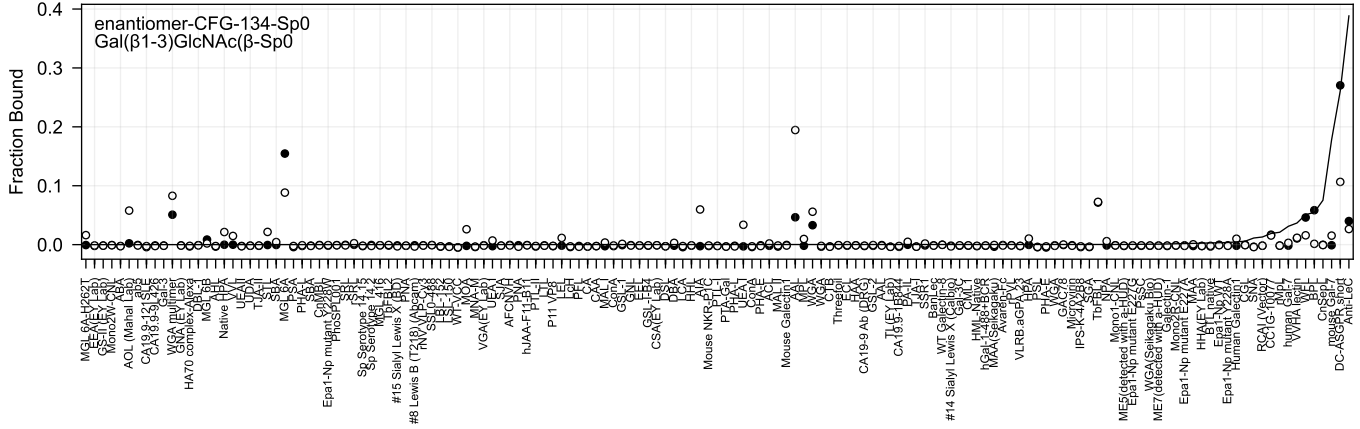

enantiomer-CFG-129-Sp0
Gal(β1-3)GalNAc(β1-4)[Neu5Ac(α2-3)]Gal(β1-4)Glc(β-Sp0
Fraction Bound
0.0
0.2
0.4
0.6
UDA
SBA
PAL
UEA1
HIM-Lectin
Native UDA
VGA(EY Lab)
Native HPA
VGA
MNA-M
PTL
PTL-I
PNA-Gal
PSL
ABA
ABA
MAL-I
SSA
SSL
ITGA-L-422-558
CA19-9-Sp0
CA19-9-Sp26
hGal-1-4-Sp0
TcEB-1
Galectin-1
Galectin-3
ACA
#14 Sialyl Lewis X (GALAB)
HA70 complex(EY Lab)
GNA (EY Lab)
Galectin-1
Avarol-Fc
GSL-II (EY Lab)
MAA(Seikagaku)
PHA-L
PSL
P11
Mono2R-CNL
ACA
Mouse NKR-P1C
rNV VIP-Fc
rNV VIP-Fc
PhoSL
PhoSL
MPL
Mouse Galectin-1
Human Galectin-1
CCA
CCA
CNL
ME7(detected with a-HUD)
AOL (Mahal Lab)
GSL-2
LCA
GSL-I-B4
CCA
CSA(EY Lab)
HPA
HPA
DSA
ME5(detected with a-HUD)
MAL-I
LBL-M2
MPA
UEA1
PHA-E
PHA-L
AFCNA-1
MAA
Microvillin
Mono1-CNL
#8 Lewis B (T218) (Abcam)
SSL
SSL
GNL
Bap
VLRB.aCD23
Sp Serotype 1-3-2
Mono2W-CNL
Sp Serotype 14-2-18
CA19-9 Ab (DRE1)
WT Galectin-3
GSL-I
BTL native
hAA-E11-B11
HAA(EY Lab)
DBA
RCA(VC Lab)
#15 Sialyl Lewis X (BD)
WGA(Seikagaku)
PSA
MGL 6A-H-2B2-1
Epa1-Np mutant Y226A
WGA(Am Gene)
Epa1-Np mutant E227G
Epa1-Np mutant Y226A
Epa1-Np mutant Y226A
Epa1-Np mutant Y226A

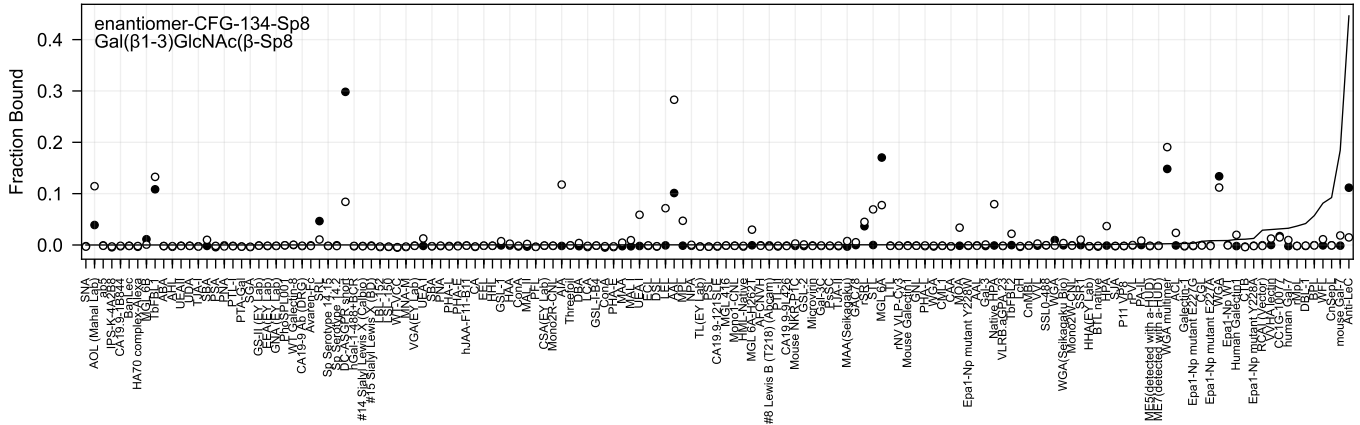

enantiomer-CFG-130-Sp8
Gal(β1-3)GalNAc(β1-4)Gal(β1-4)Glc(β-Sp8
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
SNA
EBA
CGL
WGA mutant
HA70 complex
DSL
SGA
UEA1
LEA1
PTL-I
BPL
HPA
CA19 9-12
MAA
VAL
AOL (Fuc-α-Glc)
PNA
CA19-9 ASGP (DG)
SBA
Sp Serotype 14
#14 Sialyl Lewis X (Galβ1
#8 Lewis B (1-3β) (Fucβ1
WGA(Seikagaku)
CA19 9-12
MAL
PTL-II
BPL
CA19-9 ASGP (DG)
SBA
Sp Serotype 14
#14 Sialyl Lewis X (Galβ1
#8 Lewis B (1-3β) (Fucβ1
GNA (EY Lab)
Mono2W
CNL
ABS
NPA
hJAA-F11
MPL
Mouse Galectin-1
DSL
PHA-E
PHA-L
Human Galectin-1
Mono2R
Mono1
CAA
WGA
Thy-1
UEA1
GSL I-B4
GSL I-A4
CSA(EY Lab)
HPA
SNA
#15 Sialyl Lewis X
SJA
EEA(EY Lab)
ACL(NOV)
EEA(EY Lab)
HML-NSR1
ACL
LCA
Lectin-5
Banlec
CA19 9-12
Mouse NKR-P1C
hGal-1-488
PAA
Gal-3
GSL-I
MuHepR1
TBP
PEL
ECL
Sp Serotype 14
VGA(EY Lab)
GNA
CTB
STL
ECA
PEA
P11
VFA
Avarol
Avarol-Fc
Narl 1-62
Galectin-1
PSA
MPA
GS-II (EY Lab)
ISEL (Lab)
HHA(EY Lab)
ConA
Gal-3C
WT Galectin-1
JAC
PHA-P
SRL
SBA
MOA
PNA
UEA1
MAA(Seikagaku)
VAL
MGL 416
WT-SBA
TLL
TLL(EY Lab)
BTL-native
MGL 6A-1
WGA
MGL 6A
human ASGP
ME5(detected with a-Glc)
mouse GalP
ME7(detected with a-Hep)
AAL
PTA-Gal
RCA
RCAI (Vector)
VLRB.a
VLRB.a GPA
Epa1-Np mutant 1
Epa1-Np mutant 1 Y222A
DC-ASGPR
Epa1-Np mutant 2
Epa1-Np mutant 2 E227G
Epa1-Np mutant 3
PsaC
Epa1-Np mutant 4
VVA (Lectin)
BPL
Epa1-Np WT
PNA

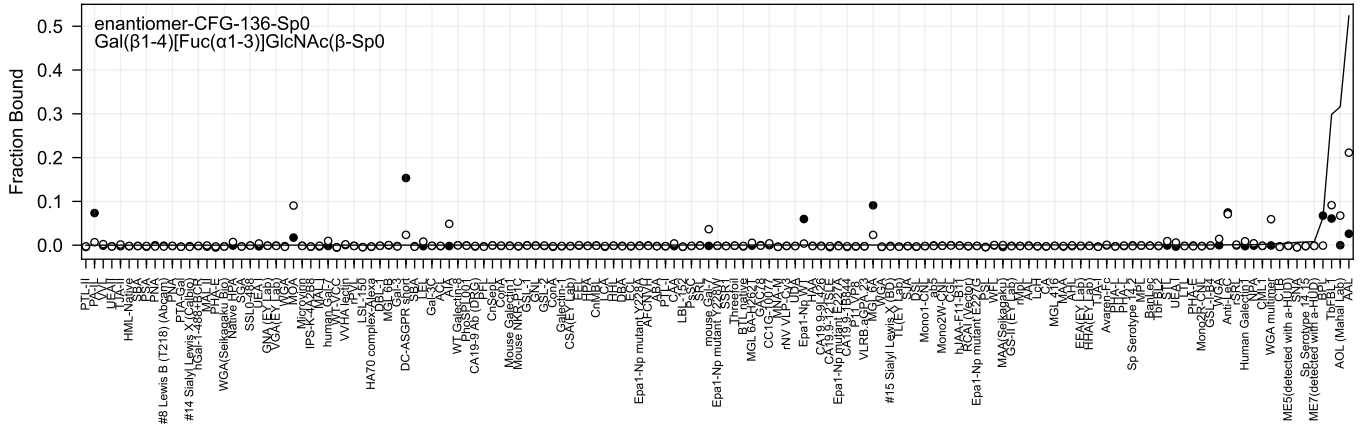

enantiomer-CFG-131-Sp8
Gal(β1-3)Gal(β-Sp8
Fraction Bound
0.3
0.2
0.1
0.0
MGL 64-1H267
SA Sialo Pro
HA70 complex
Galectin-1
DBL-1
Galectin-7
ABL
DC-ASGPR
WGA Sialoglycan-Bsp
hCA1 4-488-HSA
CA19-9 Ab (DSD)
SBA
PTA
PTL-I
Avidin-Cal
Banlec
human Gal-3
Gal-1
#15 Sialyl Lewis X (BD)
AIA
WGA
VGA(MVAH)
UEA-I
SBA
PNA
PTL-II
HHA(EY Lab)
GNA(EY Lab)
GSL-I(EY Lab)
GSL-II(EY Lab)
ABA
AOL (Mahal
ahs
CA19.9-HSA
CA19.9-TB244
CA19.9-TB246
PHA-E
PHA-L
MGL
VVL
DBA
PSL
SNL
GNA
ConA
ECA
Human Galectin-1
PhoSL
PTL-I
MAL-II
P11Vicia
WGA
Gal-3
WGA
HPA
LCA
PSA
PHA-L
MAL-I
NPA
LEL
UEA-I
ACL
AAL
GSL-I-B4
CMA
WT Galectin-8
SSA
MGL-EP
BP
GNA
GNA
HML-Native
LEL-1
LEL-2
mouse Gal-7
CA19.9-9-9-228
CA19.9-TB246
PAL
PAL-I
CGL
TKA
#14 Sialyl Lewis X (Calbiochem)
Mouse NKR-P1
CAA
CAA
DNV VLP
MAA(Sekagaku)
Mouse Galectin-9
PSL
#8 Lewis B (T218) (Abcam)
ConA
Jacalin
TJ (EY Lab)
VLRB-JCP-39
Mono2R
WGA
Mono1-CN
Mono2-CN
Mono2-1-2-15
Sp Sialoglycan-1-2-15
IPS-K-4-A
CMBB
WT-LDC
hAAFH1-BA1
SSL1-188
hAAFH1-BA1
PVL
BTL
hBTB2
Epa1-Np mutant X255W
CnSSBK
SBA
SBA
Epa1-Np mutant E227A
ME7(detected with a-ZT-GT)
WFL
WGA
SC1G-1(BT)
WGA mutant
PNA
Epa1-Np mutant E227A
RICA
VVA
AAleucin
Epa1-Np mutant K228A
Epa1-Np WT

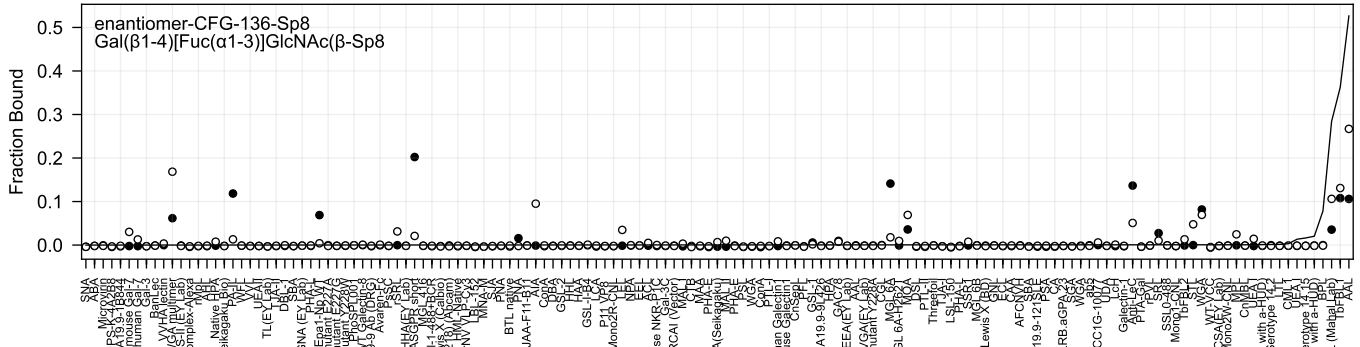

enantiomer-CFG-132-Sp0
Gal(β1-3)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.3
0.2
0.1
0.0
SNA
PNA
HNA(EY Lab)
GNA(EY Lab)
GS-II (EY Lab)
AOL (Mahal Lab)
CA19.9(TSTU)
CA19.9-Pt26
CA19.9-1B844
MG1 6B5
ABL
WGA(Seikagaku Biobiz)
TL(EY Lab)
LA-1
SBA
HA70 complex-Neg
UEA1
Epa1-Np mutant E227G
VGA(EY Lab)
ProSP-C(Q01)
PSA
SBT
Sp Serotype 14
Sp Serotype 14.2
DC-ASGPR-FS-Fc
hGal-1-488-Fc5
#15 Sialyl Lewis X
RMF-Neuve
CNV
CNV-Fc
vLRR-sCD4-23
vLRR-sCD4-28
LBL-362
ME7(detected with sLUD)
ME5(detected with sLUD)
WFA
MOR
MNA
PNA
hJAA-F11-Fc
GSL-I-B4
CSA(EY Lab)
HAA
DBA
DEL
SNL
GSL-I
MAL
MAL2
VVA
MAA
ACA
Mono2B-Fc
BPL
PTL-I
CCA
PHA-L
PHA-E
ECA
MAL II
MAA(Seikaga)
ACL
AAL
HPA
EEL
#8 Lewis B (T218) (Abcam)
GSL-II
BTL-Native
BTL-Native
#14 Sialyl Lewis X (Calbiochem)
TBPBL-1
SJA
UEA1
VGA
Thrombin
Epa1-Np mutant E227G
Mouse NKR1-P-Fc
PVC
MGL 6A-Fc262-F
IPS-Kara-Fc66
Pal
CnMBL
MGL LCA
Mono2-Fc-CON
Epa1-Np (WT Gal)
Epa1-Np mutant Y228A
WGA
Mouse Galectin-1
CA19.9-Ab (CHO)
NAGA
Apt Lec
Epa1-Np WT
Gal-3-Fc
RCA120(Vector)
Epa1-Np mutant Y228A
E11 VP8
Human E11 VP8
WGA mutant
LSL
Gal-3
CVGA (Neg)
CVGA (Pos)
human Gal-7
Gal-1
MBL
SFL
CnSFL
SFL
VVL
mouse Gal-7

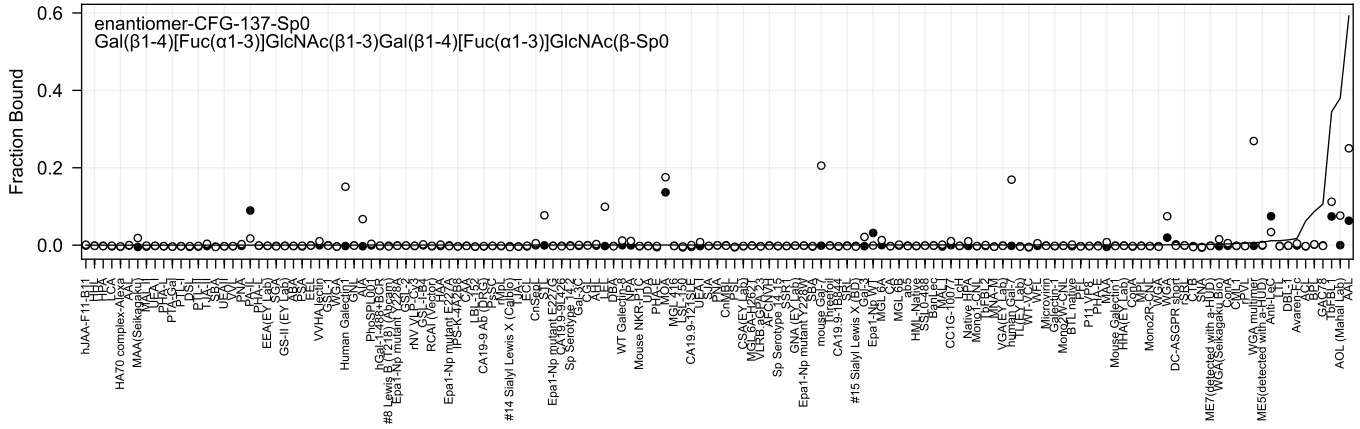

enantiomer-CFG-133-Sp10
Gal(β1-3)GlcNAc(β1-3)Gal(β1-4)Glc(β-Sp10
Fraction Bound
0.0
0.1
0.2
0.3
MGL 6A-H2627
CA19-9-Tg
TPS-K-4A2B8
CA19.9-12-5
SVC
HA70 complex
WGA mutmer
WGA 6A
MGL 6A
SSA
SSB
Native PHA
WGA(Seikagaku)
UEA
TL(EY Lab)
LCA
STL
SBA
CNL
Mono2W-CNL
CHA(EY Lab)
CA19-9-TDS(1)
CA19-9-TDS(2)
Avatar-EC
Sp Serotype 12,15
DC-ASGPR-Fc
#14 Sialyl Lewis X (PAA)
#15 Sialyl Lewis X (PAA)
PSA
AFP
VLRB.GAP.23
ME5(detected with a-HuD)
WFA
MOA
MOE
MAL
SNA
PNA
rNV VLP-Fc-1
rNV VLP-Fc-3
hJAA-F11
ECL
GSL-I
HAA
Threpbl
UEA-I
UEA
DSA
ECA
PHA-E
PHA-L
PHA-P
GNL
Galanthus
Mono1-CNL
Mouse Galectin-1
Galectin-1
ACL
PTL
PSL
MAL-I
MAA(Seikagaku)
Parkia
MAL
MAA
LCA
WGA
MAL
NPA
WGA
HPA
VGA(EY Lab)
Microcystis
Mouse Nucleolin
GSC-I76
HML-Nature
Banlec
#8 Lewis B (T218) (Accum)
CA19-9-Tg
LBT-182
Sp Serotype 3&4
Epa1-Np mutant Y268V
EEA(EY Lab)
CSA(EY Lab)
CML1
CML2
CVV
hCA19-9-Fc-2
CA19-9-Fc-1
PTA-Gal
Mono2R-CNL
Epa1-Np mutant E224A
Epa1-Np mutant E227G
BT1
ME7(detected with a-HuD)
GNA (EY Lab)
WGA
Gal-3C
Gal-3N
AAL
WT Galectin-3
AOL (Marine Lab)
PTA-Lac
CTB
Epa1-Np-AIA
SNA
Epa1-Np mutant Y268V
Galectin-1
Human Galectin-1
CCL19(Peprotech)
Angio
VVHA(Leclip)
AntiGalectin-1
human Galectin-1
BPL
CnSerp
mouse Gal-7

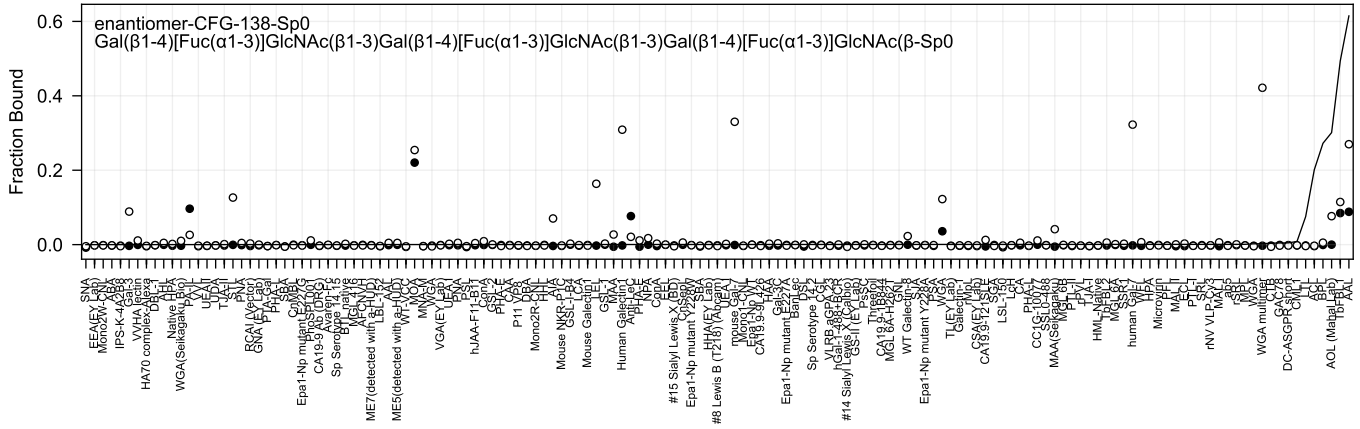

enantiomer-CFG-134-Sp0
Gal(β1-3)GlcNAc(β-Sp0
Fraction Bound
0.4
0.3
0.2
0.1
0.0
MGL6A-H(P63T)
CEA(EY Lab)
CEA(EY Lab)
Mono2W
ABA
AOL (Mahal Lab)
CA19.9-Sp0
CA19.9-Sp3
Gal-3
VGA (Willner)
HA70 complex
Alex3
MGP-B
ABH
Native
UEA-I
UEA-II
T-Ag
SBA
MGP-A
PNA
Epa1-Np mutant
Galectin-1
PhoSP
SBB
Sp Serotype 1,2,5
Sp Serotype 1,2
MGP-B-1,2
#15 Sialyl Lewis X
#8 Lewis B (T218) (Abram)
TNFR-Fc
SBA-Fc
TBE-188
WFA-Fc
MOA
MAL-II
VGA(EY Lab)
UEA
AFP
hJAA-F11
hJAA-F11-B11
P11
P11 VSB
LEL
PEL
PEL
CAA
MAL-I
GSL-I
ECL
GSL-I-B4
CSA(EY Lab)
PSL
DBA
PHA-E
PHA-L
Mouse NKR-P1C
PTL-I
PTL-II
PHA-L
VCA
PHA-E
MAL-II
Mouse Galectin-1
MPL
MPL
WGA
WGA
Thrombin
ECL
CA19-9 Ab (PRG3)
GSL-I
CA19.9-Sp0
TL (EY Lab)
CA19.9-B6.14
SAA
SAA
Ban lec
WT Galectin-3
#14 Sialyl Lewis X
Galectin-3
HML-Nanobody
hGal-1-488-BCR
MAA(Sigma)
Avarigenin
VLRB.aGP
DBA
PHA-E
PHA-E
VGA
GNA
Microvirin
IPS-K-4
ASA
TbFBP
ONA
Mono1
MEF(detected with Epa1-Np mutant)
PsaC
ME7(WGA Sialidase)
ME7(detected with Galectin-1)
Epa1-Np mutant E227A
Mouse Galectin-1
MAA
HHA(EY Lab)
B1
Epa1-Np mutant Y228A
Human Galectin-1
SNA
RCA(Vector)
CCL(Vector)
hVRA
hVRA begin
WFL
WFL
CnSepF
TBUV
DC-ASGPR short
Anti-Lec

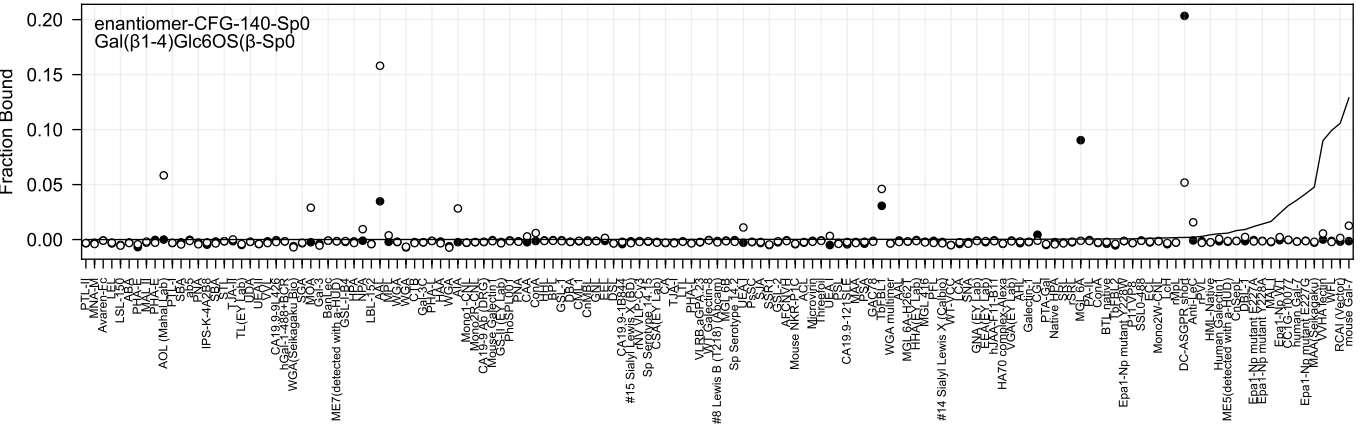

enantiomer-CFG-134-Sp8
Gal(β1-3)GlcNAc(β-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
0.4
AOL (Mahal Lab)
SNA
ABA
CA19-9-TB644
Bauhlec
HA70 complex
TGF-B9
ABA
LAT
UEA
SBA
PSA
PTL
PTL
PTA
SGal
GSII (EY Lab)
GNA (EY Lab)
WGA (EY Lab)
PhoSL-001
CA19-9 AB (TORG)
Avarol
Sp Serotype 14-15
Sp Serotype 14-15
DC-SIGNR sol
Gal(β1-3)GlcNAc(β-Sp8
#14 Sialyl Lewis X (BD)
#19 Sialyl Lewis X (BD)
LSL-150
LSL-150
WFA
VVA
VGA(EY Lab)
UEA
PNA
PHA-E
PHA-L
hJAA-F11 B11
EEL
SLT
GSL-I-B4
HAA
CGL
MAL-II
PFL
PFL
GSA(EY Lab)
Mono2R-CN
DBA
Threonin
DBA
GSL-I-B4
PCA-B
PCA-B
MAA
MAA
VFA
ECL
ECL
LEL
LEL
MPL
MPL
NPA
NPA
TL(EY Lab)
PSL
CA19-9 (Kal-1)
CA19-9 (Kal-1)
MOR1-CN
MGL (EY Lab)
#8 Lewis B (T218) (Sigma)
CA19-9 (Kal-1)
Mouse NRP-1 FC
GSL-I
Mouse Galectin-1
Mouse Galectin-3
Galectin-3
LTA
MAA(Seikagaku)
Galectin-1
GNA
SSA
SNA
MGL-1
MGL-1
mNV Galectin-1
Mouse Galectin-1
GNL
PWGA
PWGA
CMA
CMA
Epa1-Np mutant Y228A
MOR
MOR
Epa1-Np mutant Y228A
Galectin-3
Natkegaki
VLRB.aGPA
VLRB.aGPA
Galectin-3
TBPL2
CnNP
SSL10-488
WGA(Seikagaku)
WGA
Mono2W-CN
HHA(EY Lab)
BTL native
SVA
SVA
P11
VFA
PAJL
ME5(detected with a-HUD)
ME5(detected with a-HUD)
WGA multimer
Galectin-1
Epa1-Np mutant E222G
Galectin-1
Epa1-Np mutant E222A
Epa1-Np WT
Human Galectin-1
Epa1-Np mutant Y228A
RCA120 (Vector)
CCTG-10077
human NPL
DSL
DSL
WFL
WFL
Cnn-Gal-7
mouse Gal-7
Anti-Lec

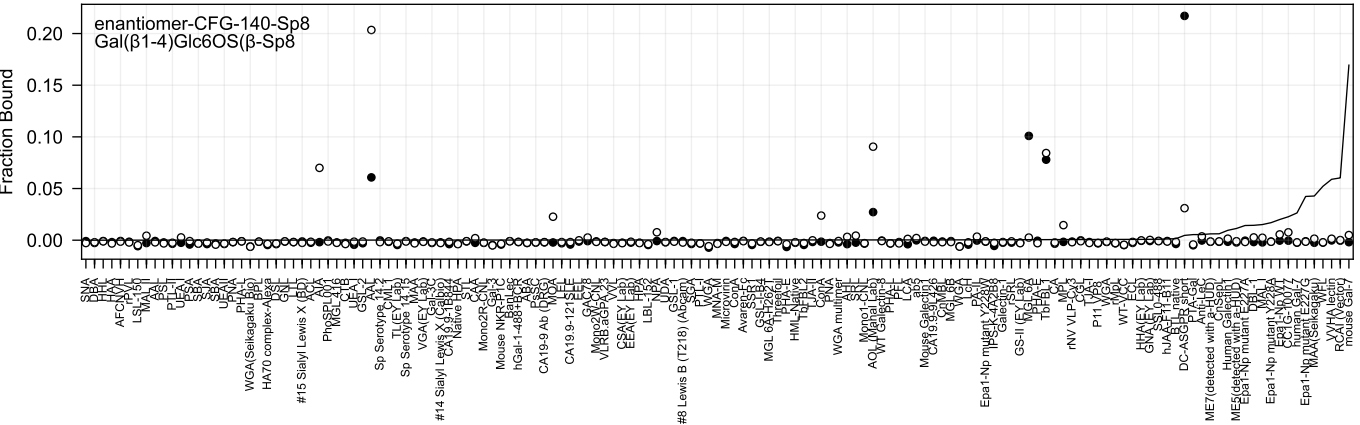

enantiomer-CFG-136-Sp0
Gal(β1-4)[Fuc(α1-3)]GlcNAc(β-Sp0
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
PTL-II
PAL-II
LCA
UEA-I
UEA-II
HML-Native
PSA
PSA
PSL
#8 Lewis B (T218) (Abcam)
PTA
#14 Sialyl Lewis X (Calbiog)
hGal-1-488
PHA-E
PHA-L
WGA(Seikagaku)
Native PEA
SBA
SSL
SSL-DEA
DSA
GNA(EY Lab)
WGA
KSA
Microvum
iPS-K-488
MAPB
human Gal-7
VVHA (recip)
PNA
LSL
HA70 complex-Alexa
MGDB
Gal-3
DC-ASGPR
SBA
Gal-1
Gal-8
ACL
WT Galectin-8
CA19-9 Ab (DPC)
CA19-9 Ab (BD)
CnBP
Mouse Galectin-7
Mouse NK-488
GSL-I
GSL-II
ConA
Galectin-1
CSA(EY Lab)
EEL
CnMBL
ECA
DBA
PNA
Epa1-Np mutant Y238A
AFCNA
PHA
pHA-L
LBL
PSSC
mouse Gal-7
Epa1-Np mutant Y238A
Threefoil
BTL-Native
MGL 6A-488
GAC-74
CC1C-488
rNV VLP-UOA
rNV VLP-UOA
Epa1-Np WT
CA19-9 Ab
CA19-9 Ab (ESTA)
Epa1-Np mutant Y238A
CA19-9 Ab (BD)
VLRB.GPC.23
MGL 6A
#15 Sialyl Lewis X (BD)
TL(EY Lab)
DSL
Mono1-488
Mono2W-CSL
hAAA-F11-B11
Epa1-Np mutant Y238Q
RCA(Vector)
MAA(Seikagaku)
GS-II (EY Lab)
AAL
LCA
MGL 4A6
AHL
EEA(EY Lab)
HHA(EY Lab)
JAC
Avenin-F
PHA-E
PHA-L
Sp Serotype 14
MPL
BPL
PTL-II
UEA-I
UEA-II
Mono2-488
RCA(Vector)
GSL-I B4
GSL-I B4
Anti-Lac
CSL
Human Galectin-1
NPA
ACL
WGA mutant
CTB
ME5(detected with a-Sp)
SNA
Sp Serotype 14-15
ME7(detected with a-Sp)
BPL
BPL
AOL (Marbiogen)
AAL

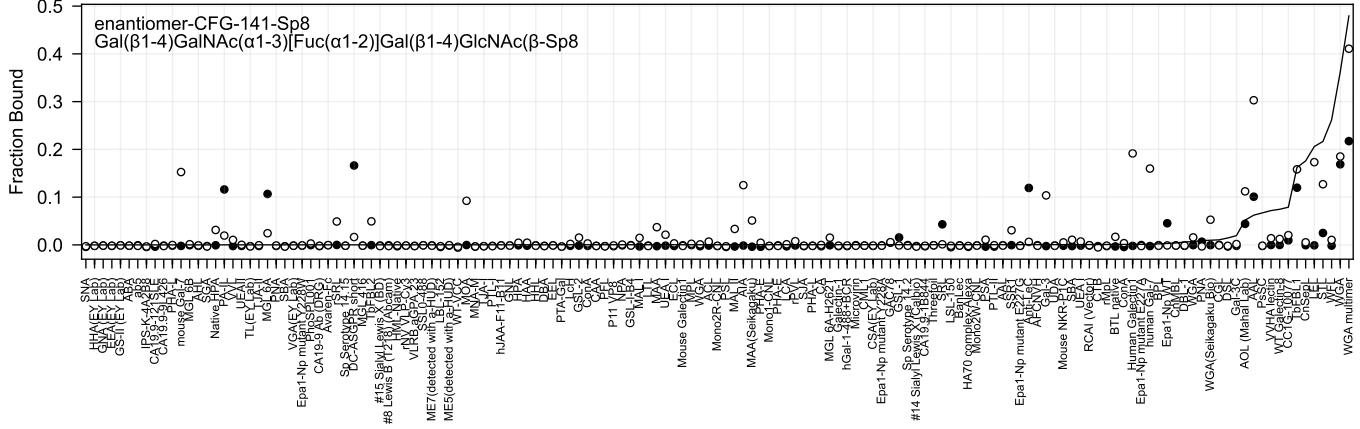

enantiomer-CFG-136-Sp8
Gal(β1-4)[Fuc(α1-3)]GlcNAc(β-Sp8
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
SNA
IBA
Mcx
IPS-1
CA19.9-1B644
mouse Gal-7
human Gal-3
Bra
Ala-rich
VVL
WGA (human)
HA70 complex-Alpha
NNL
Native DBA
WGA(Seikagaku)
PNA
WFL
UEA-I
TL(E) LEL
DBA
Tka
GNA (EY Lab)
PTL
Epa1-Np mutant Y228A
Epa1-Np mutant Y228V
Epa1-Np mutant Y228F
CA19.9 AB (ORG)
WFA
PhoSL-D1
Avarp-SC
CA19.9 AB (TOKI)
SSL
HHA(EY Lab)
DC-ASGPR sfp01
hGal-1-488-LCB
#14 Sialyl Lewis X (Calbio)
#8 Lewis B (TK)
RCA (Vector)
nVVL
LEL
MNA-N
PNA
BTL native
hJAA-F11-B11
CAA
DBA
GSL-I-B4
SHL
HPA
GSL I-A4
Mono2A CRD
TEL
UEA-I
LEL
Mouse NKR-P1C
Gal-3C
RCAI (Vector)
OTB
PHA-E
MAA(Seikagaku)
PHA-L
ECA
WGA
SNA
CrPA
Human Galectin1
Mouse Galectin1
Galectin1
BPL
CA19.9-S2-3
CA19.9-S2-2
GNA
EEA(EY Lab)
VGA(EY Lab)
Epa1-Np mutant Y228A
MGL 6A-R262A
MGL 6A-R262K
DSL
PL
Thrombol
TJA-I
SLL
BPA-1
SSA
MOA
#15 Sialyl Lewis X (Calbio)
ECL
SJA
AFCV
CA19.9-12
SBA
VLRB.aGPA
CA
WGA
SNA
CC1G-1077
UCH
Galectin-7
PTA-Gal
ISA
SSLL-488
Mono2A CRD
UFB
WSL
WT-YCE
CSA(EY Lab)
Mono2A CRD
MEL
CrPA
UEA-I
ME5(detected with a-HPD)
Sp Serotype 14 LPS
OAA
ME7(detected with a-HPD)
BPL
AOL (Marine Lab)
TF
AAL

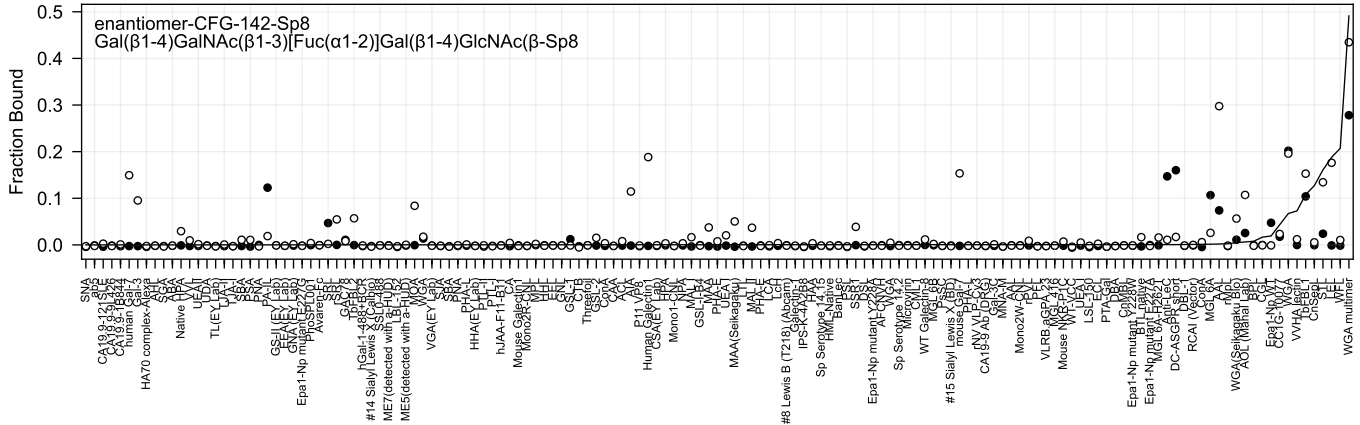

enantiomer-CFG-137-Sp0
Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-3)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β-Sp0
Fraction Bound
0.6
0.4
0.2
0.0
hJAA-F11-B11
LEA
LTA
HA70 complex-Alexa
MAA(Seikagaku)
WFA
PTA-Gal
PSL
E-L
UEA
SBA
VFA
PNA
PHA-L
EEA(EY Lab)
GS-II (EY Lab)
ECA
VVHA-Alexa
Human Galectin-1
Human Galectin-3
GNL
PhoSL
hGal-1(EY Lab)
#8 Lewis B (Glycotech)
Epa1-Np mutant Y228A
rNV VLP-S-3
rNV VLP-S-4
RCA(Vector)
PDA
Epa1-Np mutant F226A
CA2
CA3
CA19-9 Ab (DRG)
LBL
PDRG
FSL
#14 Sialyl Lewis X (Calbio)
FCI
Cn-sel
Epa1-Np mutant E-227G
Epa1-Np mutant Y-229W
Sp Serotype 14-12
Gal-3C
AEL
DBA
WT Galectin-8
Mouse NKR-P1C
UDA
PWA
MGL-166
CA19.9-12-USLF
ECA
PNA
Cn-sel
PSL
GSA(EY Lab)
MGL 6(EY Lab)
VLRB.aCD1
Sp Serotype 14-15
Sp Serotype 14-18
GNA (EY Lab)
Epa1-Np mutant Y-229W
mouse Gal-7
CA19.9 (Neogen)
#15 Sialyl Lewis X Gal-3
SBL
Epa1-Np WT
MGL CA
MGL CB
HML-Native
SJA-Native
Barley-Lec
CC1G-Mo47
LCH
Native CRP
Mouse CRP
TNFR1
VGA(EY Lab)
hum Gal-1(EY Lab)
WT VCP
Microvirin
Galectin-1
Mono-Mannose
BYL native
P11
YPE
PHA-E
Mouse Galectin1
HHA(EY Lab)
MPL
Mono2RCA
WGA
DC-ASGPR
SSL
SNA
ME7(detected with a-HDD)
WGA(Seikagaku)
CML
ME5(detected with anti-LC)
WGA multimer
Anti-LC
Avarol-Fc
DRL-11
ABL
Gal-8
Gal-9
AOL (Marine Lab)
AAL

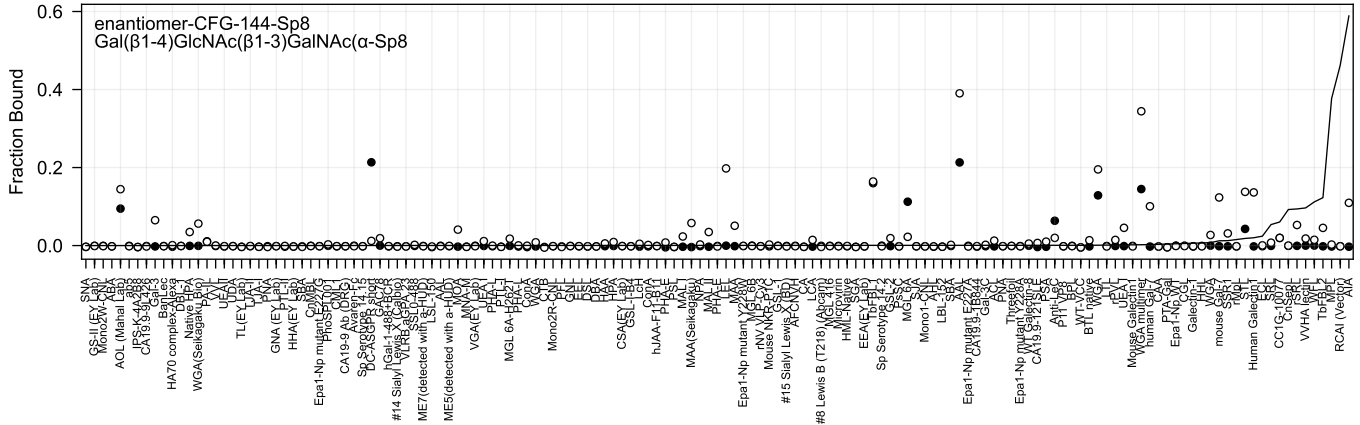

enantiomer-CFG-138-Sp0
Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-3)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-3)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β-Sp0
Fraction Bound
0.6
0.4
0.2
0.0
SNA
ChA
EEA(EY Lab)
NSL
Mono2W-CBA
PSL
IPS-K-A2B8
Galectin3
VVHA
HA70 complex-Alexa
DSL
ACL
Native HPA
WGA(Seikagaku)
PAA
UEAI
UDA
TJA-I
STL
PNA
RCA(Vector)
GNA
PTA(EY Lab)
PHA-E
SBA
Con A
Epa1-Np mutant Y228Y
CA19-9-PE
Ava91-FE
Sp Serotype naive
MGL-X18
LEL-X18
ME7(detected with a-Hub)
LBL-X18
ME5(detected with a-Hub)
WFA
MOA
MVA
VGA(EY Lab)
BPA
hJAA-F11
EST
Con A
PSA-E
CAA
PA
P11
DBA
Mono2R-HRP
HIL
AIA
PTA
GSL-I B4
Mouse Galectin-1
Mouse Galectin-3
HEL
GNA
SNA-I
Human Galectin1
ACG
PHA-E
CGF
NPA
CGF
BEL
#15 Sialyl Lewis X(Sialo)
Epa1-Np mutant Y228W
Epa1-Np mutant Y228A
HHA(EY Lab)
#8 Lewis B (T216) (Acetin)
mouse Galectin-1
Emericella VVL
CA19-9-M26
Gal-3C
Epa1-Np mutant Leu27A
DSL
Sp Serotype CGF
CA19-9-PE
CA19-9-M26
#14 Sialyl Lewis X(Sialo)
hGal-8 Tandem-R
GS-II (EY Lab)
CA19-9-M26
MGL 6A-H2B2
GNL
WT Galectin-3
Epa1-Np mutant Y228A
VGA
Galectin-1
TL(EY Lab)
CSA(EY Lab)
CA19-9-121-FE
LSL-100
LCA
PHA-L
CC1(Seikagaku)
SSL1-O186
MAA(Seikagaku)
MPL
PHA-E
TJA-I
TJA-II
HML-Native
MGL-X6
MGL-X24
human SSR1
WFL
WFA
Microvibrin
PEL
MPL
ECL
STL
PSL
rNV VLP-Cy3
MAG
RCA
GSL
SBL
WGA
WGA mutant
CTB
RAC78
DC-ASGPR
CMLT
ALL
BPL
AOL (Marbet Lab)
TP-PEG
AAL

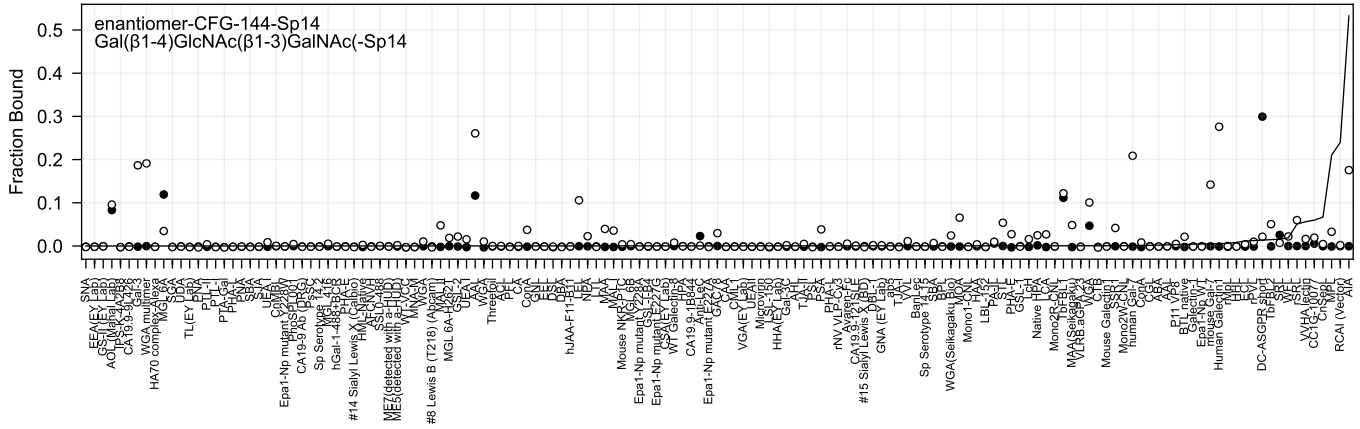

enantiomer-CFG-140-Sp0
Gal(β1-4)Glc6OS(β-Sp0
Fraction Bound
0.20
0.15
0.10
0.05
0.00
PTL-II
MAA-II
Avaren-Ec
LSL-150
PAA
PAE
MAL-II
AOL (Mahal-Lab)
PSA
SBA
IPS-K-4-286
SBA
TL(EY LAB)
TL-I
UDA
UEA-I
CA19.9-a-426
Galal-488-BCR
WGA(Seikagaku)
SNA
GNA
ME7(detected with B30)
GSL-I-B4
GSL-I-B4
NPA
LCA
LBL-152
ABL
WGA
WGA
CTB
PNA
PHA-E
VIA
VIA
Monosl-CNL
Monosl-CNL
CA19.9 Ab (DRG)
Galal (Galectin-1)
PhoSP-1002
CAA
CAA
EPL
EPL
CPA
CPA
CMA
CMA
GSL
GSL
RSL
RSL
CA19.9-1B84
CA19.9-1B84
KNWW (LB-2)
Sp SSGXE(EY LAB)
LCA
TJA-I
TJA-I
VLRB-a-PHY-1
VLRB-a-PHY-1
WT Galectin-8
#8 Lewis B (T218) Xoscarp
Sp Serotype 1-2-5
PESU
PESU
SSA
SSA
SSL-2
SSL-2
NKR-P1C
ACL
Mouse NKR-P1C
ACL
Monosl-CNL
Ulex-I
UEA-I
CA19.9-121SLE
MSA
MSA
GP9-C9
GP9-C9
TKA
WGA multimer
MGL 6A-1-262
MGL 6A-1-262
HHA(EY LAB)
MGL BFE
#14 Sialyl Lewis X (Calbiq)
WFL
LCA
LCA
SNA
SNA
GNA (EY LAB)
GNA (EY LAB)
hEAE(EY LAB)
hEAE(EY LAB)
HA70 complex (Alexa)
VGA(EY LAB)
ABL
ABL
Galectin-1
Galectin-1
PTA
PTA
Native HPA
Native HPA
SBL
SBL
MGA
MGA
ConA
ConA
BTL
BTL
DBPK2
DBPK2
Epa1-Np mutant Y226A
Epa1-Np mutant Y226A
SSLO-188
SSLO-188
Monoz2W-CNL
Monoz2W-CNL
rhCA
rhCA
DC-ASGPR s/ecd
DC-ASGPR s/ecd
Anti-PsA
Anti-PsA
HML-Naive
HML-Naive
Human Galectin-7
Human Galectin-7
ME5(detected with B30 (UD))
CPA
CPA
Epa1-Np mutant E227A
Epa1-Np mutant E227A
Epa1-Np WT
Epa1-Np WT
Epa1-Np mutant K226A
Epa1-Np mutant K226A
human Galectin-7
human Galectin-7
Epa1-Np mutant E226Q
Epa1-Np mutant E226Q
MAA (Vector)
MAA (Vector)
VVHA (Vector)
VVHA (Vector)
RCAI (Vector)
RCAI (Vector)
mouse Gal-7
mouse Gal-7

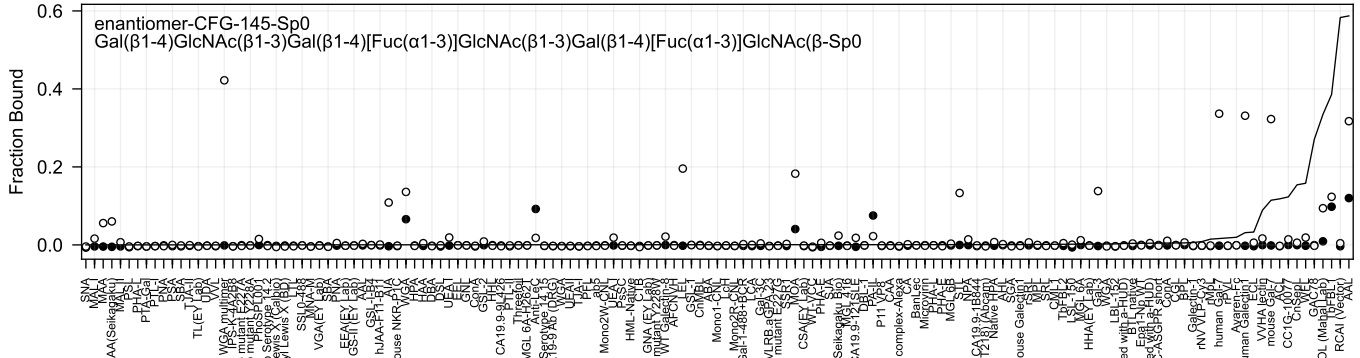

enantiomer-CFG-140-Sp8
Gal(β1-4)Glc6OS(β-Sp8
Fraction Bound
0.20
0.15
0.10
0.05
0.00
SNA
SNA-I
TJA-I
AFCN
AVA
LSL
MAL-I
BS-I
DB-I
PSA
SSA
SBA
UEA-I
PNA
WGA(Seikagaku)
TJA-II
BPL
HA70 complex-A
BSII
GNL
#15 Sialyl Lewis X (BD)
AAL
PhoSL
MGL
CTB
GEA
Sp Serotype 1
AAL
ML-I
Sp Serotype 2
TL(EY Lab)
Sp Serotype 3
MAA
VGA(Cat Lab)
#14 Sialyl Lewis X (Calbio)
CA19-9 (Calbio)
Native PSA
SJA
Mono2R_CNL
Mouse NKR-P1C
hGal-1-488
Bandeiraea
ABA
CA19-9 Ab (BD)
BSII
MOA
CA19-9-121
SJA
ECL
GNL
Mono2(Cat Lab)
VLRB.aGP
VVL
EEA(EY Lab)
EEA(EY Lab)
HPA
LBL
LBA
NPA
GSL-I
#8 Lewis B (T218) (Abcam)
SCA
PTL-I
WGA
MNA-M
Mouse Galectin-1
CorA
AvaSBT
GSL-I-B4
GSL-I-B4
MGL Ab
Tetragalu
HML
NPA
TBL-2
ConA
ConA
WGA mutant
AIA
AIA
Mono1_CNL
AOL
Maize Lab
WT Galectin-1
PHA-E
PCL
abo
Mouse Galectin-3
CA19-9(Calbio)
CMBP
MOA
WGA
PAL
Epa1-Np mutant Y228W
Epa1-Np mutant Y228A
Galectin-1
PSL
GS-II (EY Lab)
MGL Ab
TBP-B-1
MOA
rNV VLP-K3
CCL
P11
VEA
MPA
WT-CCL
HHA(EY Lab)
GNA(EY Lab)
SSL1-488
hJAA-11-488
Epa1-Np
DC-ASGPR short
Arc-A Gal
ME7(detected with a-HUD)
Human Galectin-1
ME7(detected with a-HUD)
Epa1-Np mutant E228Q
TBL-1
Epa1-Np mutant Y228A
Epa1-Np mutant Y228F
Epa1-Np
human Galectin-7
Epa1-Np mutant E228G
MAA mutant
WPL
VVA(Vector Lab)
RCA(Vector Lab)
mouse Gal-7

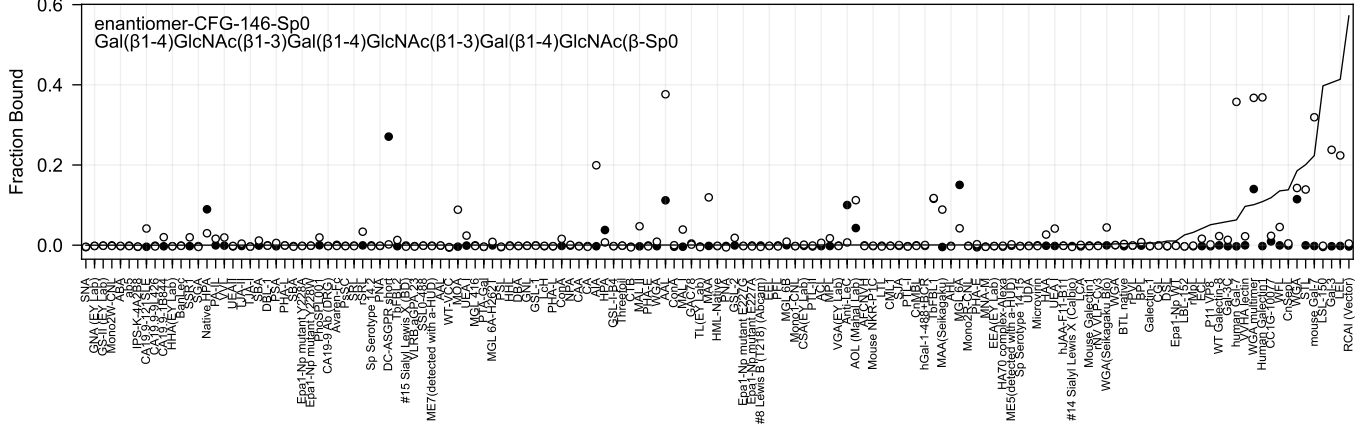

enantiomer-CFG-141-Sp8
Gal(β1-4)GalNAc(α1-3)[Fuc(α1-2)]Gal(β1-4)GlcNAc(β-Sp8
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
SNA
SNA (lab)
GNA (EY Lab)
GS-II (EY Lab)
ABA
IPSL-I-A
IPSL-I-B
CA19-9-Sp8
CA19-9-Sp16
PNA-1
PNA-2
mouse-BG
MGL-6B
SJA
Native-PNA
PWA
LYV
TL(EY Lab)
UEA-II
VVA-II
MOA
PSA
SBA
VGA(EY Lab)
Epa1-Np mutant E227Q
CA19-9-Sp8(DKS)
Avatelin-EC
Sp Serotype 12-15
Sp Serotype 1-4-5
DC-SIGN-Fc
CD23 sphd
MPA
TFB-2
#15 Sialyl Lewis X(Lab)
#8 Lewis B(Y Lab)
hMGL-sphd
hMGL-sphd-23
VLRB aCP-23
ME7(detected with SSL1-50)
LBL-150
ME5(detected with SSL1-50)
AT-VLD
MOA
MAA
PHA-L
hJAA-F11-B1
GNL
ECA
DBA
EEL
PTA-Gal
GSL-I
CAA
PHA-E
P11
NPA
TEL
GSL-IV
MAL-I
UEA-I
MAL-II
Mouse Galectin-1
WFL
ACG
Mono2R-PSL
ACL
MAL
MAA(Seikagaku)
HPA
Mono2R-PAA
PHA-E
RIC
SJA
PHA-L
MGL 6A-H26-1
hGal-1-188-BCR
MicroVil-7
CSA(EY Lab)
Epa1-Np mutant E227Q
GAC-8
Sp Serotype 1-4-5
#14 Sialyl Lewis X(Lab)
CA19-9-Sp16
Thiogal
SSL
LSL
Bap Lec
HA70 monoclonal
PSA
FT
AAL
Epa1-Np mutant E227Q
SSA(EY Lab)
Apo Lec
Galectin-3
DSA
Mouse NKR-P1
SBA
RCAI (VECTA)
RCA
BTL (native)
ConA
Human Galectin-1
Epa1-Np mutant E227Q
human Lec
Epa1-Np WT
DSL-1
DSL-2
VGA
WGA(Seikagaku, Bio)
DSL
AOL (Marine Biol)
Gal-3C
AAL
Fesc
VVHA
Wt Galectin-9
CCL1
DBPL-1
ChSeL
STL
SJL
WGA
WGA multimer

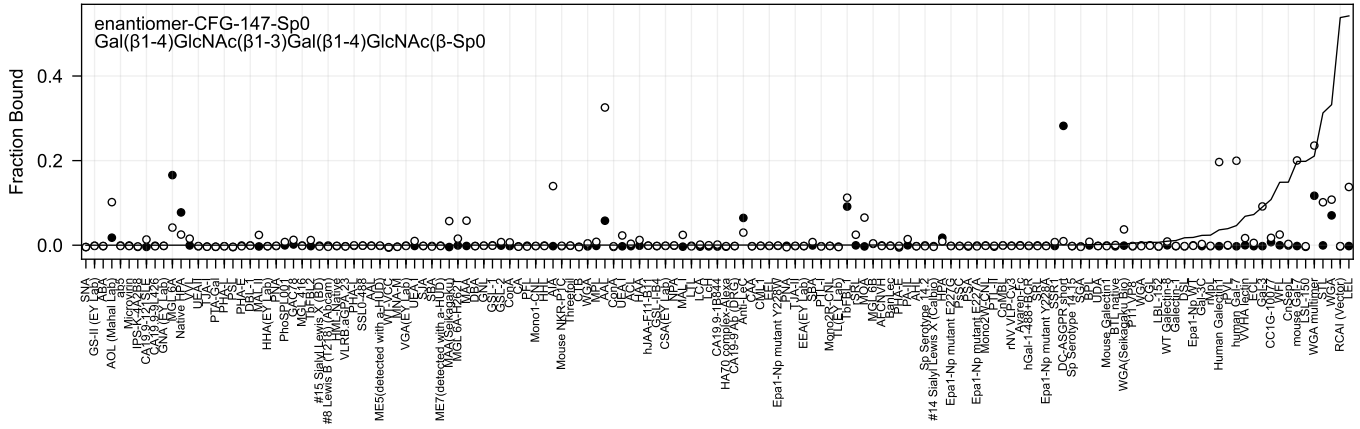

enantiomer-CFG-142-Sp8
Gal(β1-4)GalNAc(β1-3)[Fuc(α1-2)]Gal(β1-4)GlcNAc(β-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
SNA
SNA
CA19.9 (21-SL)
CA19.9 (Lab)
CA19.9-18844
human Gal-3
SVA
HA70 complex-Alexa
SVA
ABA
Native ABA
UEA1
UEA1
TL(EY Lab)
VVA
VVA
SBA
SBA
PNA
PNA
GSII (EY Lab)
GSII (EY Lab)
GEA(EY Lab)
Epa1-Np mutant
PNA-Biotin
Avidin a
SBI
GNA
GNA
hGal-1-488
hGal-1-488
#14 Sialyl Lewis X(Calbiochem)
ME7(detected with SL-HUB)
ME5(detected with a-MOC)
TBL-12
VGA(EY Lab)
VGA
SVA
SNA
SNA
HHA(EY Lab)
PHA-L
hJAA-F11-BT
hJAA-F11-BT
Mouse Galectin-1
Mouse2K-Galectin-1
MEL
MEL
EEL
EEL
GSII-T
GSII-T
Orf-B
Thaspin-1
GSII-A
GSII-A
CoKA
CoKA
ACL
ACL
F11 V/8
Human Galectin-1
CSA(EY Lab)
HPA
HPA
Mono1-Kite
GSL-MAL
MAL
MAL
PDEA
PDEA
MAA(Seikagaku)
MAL II
MAL II
PHA-E
PHA-E
LCA
LCA
#8 Lewis B (T216) (Accurin)
IPSC-4A2B8
Sp Serotype 14-15
Sp Serotype 14-15
HMB Native
Bap35
SSL7
SSL7
SSL1
SSL1
Epa1-Np mutant
Epa1-Np mutant
AIL
AIL
WGA
WGA
Sp Serotype 14-2
CML-1
WT Galectin-8
Mouse-Gal-8
#15 Sialyl Lewis X (BD)
mouse-Gal-7
CA19.9 Ab (DRG)
DNV VLP-C3
CA19.9 Ab (DRG)
MNA-M
MNA-M
Mono2W-Kite
PDL
PDL
VLRB aGPA-13
Mouse WT-CC
MGL-2-18
MGL-2-18
LSL(EY Lab)
LSL(EY Lab)
EC
EC
PTN
PTN
DSA
DSA
Epa1-Np mutant
Epa1-Np mutant
BTL native
Epa1-Np mutant
Epa1-Np mutant
DC-ASGPR-Fc
DC-ASGPR-Fc
DBL-1
DBL-1
RCAI (Vector)
MGL-6A
MGL-6A
MGL
MGL
WGA(Seikagaku)
ACL(Maltar Bio)
BPL
BPL
Epa1-Np
Epa1-Np
CCTG-1001
CCTG-1001
VVHA lectin
VVHA lectin
OnCBL-1
OnCBL-1
SJL
SJL
WFL
WFL
WGA multimer

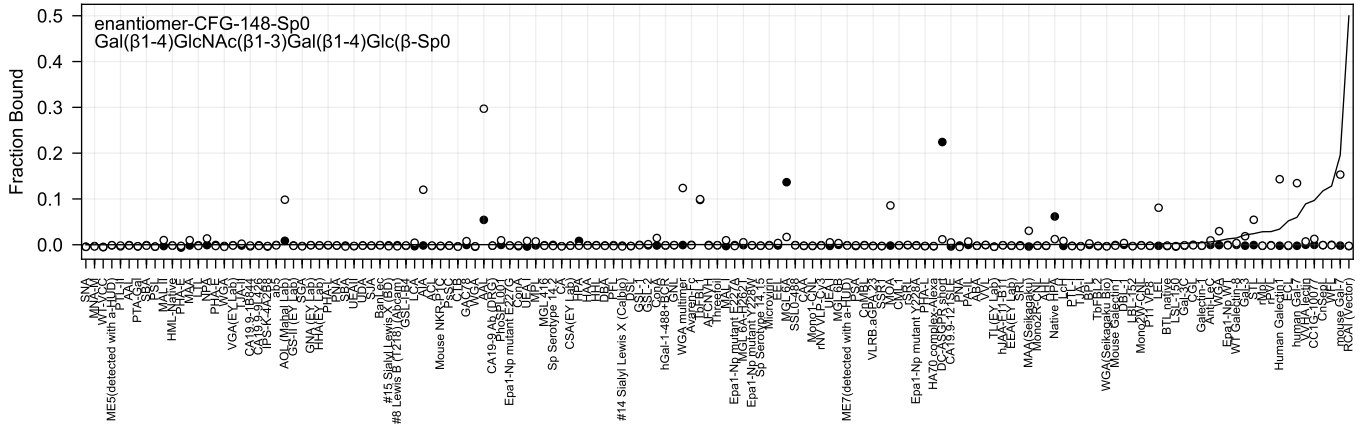

enantiomer-CFG-144-Sp8
Gal(β1-4)GlcNAc(β1-3)GalNAc(α-Sp8
Fraction Bound
0.6
0.4
0.2
0.0
SNA
GS-II (EY Lab)
Mono2W-CNL
ABA
AOL (Mahal Lab)
JFS-K-4A
CA19.9-228
Sialic acid
Bap49
HA70 complex
Native PNA
WGA(Seikagaku)
PNA
LVA
UEA
TL(EY Lab)
VVA
HPA
GNA (EY Lab)
PT-1
HHA(EY Lab)
SBA
DBA
Epa1-Np mutant
Control
PhoSH-101
CA19-9 Ab (ORG)
Avarol-16
Sp Serotonin
DC-ASGPR stock
#14 Sialyl Lewis X
hGal-1-498-FITC
Vicia
SSL7-488
ME7(detected with a-TIM)
ME5(detected with a-MO)
AAL
VGA(EY Lab)
MVA-M
UEA
PFL-1
MGL 6A-F6B2-T
PCA
VVA
Mono2R-CNL
GNL
EEL
PHA
DBA
HPA
CSA(EY Lab)
GSL-I-B4
hJAA-F11-488
PHA-E
MAL
MAA(Seikagaku)
MAL
PNA
PHA-E
MAA
Epa1-Np mutant
MGL-488
NV-VLP-FITC
Mouse NK-FITC
GSL-I
#15 Sialyl Lewis X
LCA
#8 Lewis B (T218) (Abcam)
MGL 416
Mouse
HML-Native
EEA(EY Lab)
Tcf-FB-1
Sp Serotonin
GSL-I-2
PSA
MGL
SNA
Mono1-CNL
ABA
LBL-488
AAL
Epa1-Np mutant
CA19.9-12
Gal-3C
PNA
Thyroglobulin
Epa1-Np mutant
CA19.9-12
Galectin-8
CA19.9-12
SSL
Anti-Lac
PFL
BTL
WVL
WGA
UEA
Mouse Galectin-1
WGA mutant
human Galectin-1
PTA-Gal
Epa1-Np
PCG
Galectin-1
VGA
mouse Galectin-1
SSL7
MGL
Human Galectin-1
ESL
CC1G-0077
Cnidarian
SSL
VVHA (wild)
TbFB-1
RCAI (Vector)
AIA

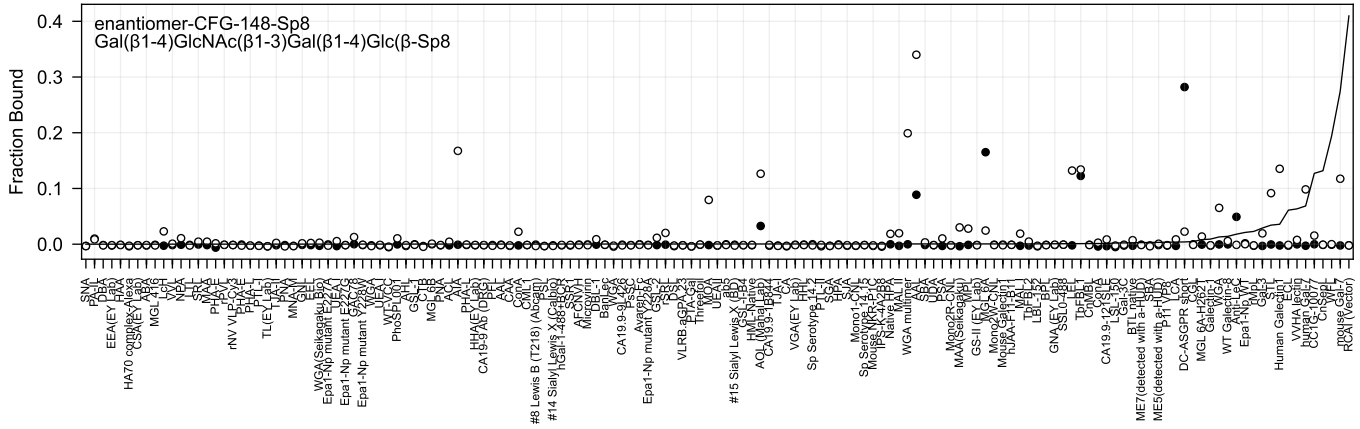

enantiomer-CFG-144-Sp14
Gal(β1-4)GlcNAc(β1-3)GalNAc(-Sp14
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
SNA
Tah
EEA(EY Lab)
GS-II(EY Lab)
AOL(EY Lab)
Tpe-Fucl
CA19.9-Sp23
WGA mutmer
HA70 complex
MGL 6A
SGA
SSA
SJA
UEA
Colo205
Epa1-Np mutant
CA19-9 Ab (PRGL)
Sp Serotype 12
hGal-1-Fc
MGL 4A8
#14 Sialyl Lewis X (Calbio)
PHA-E
AEX-NV9
MEZ(detected with a-Tub)
ME5(detected with a-Tub)
MAA-N
MAA
#8 Lewis B (T218) (Alex)
MGL 6A
MAA-II
GSL-2
UEA1
WGA
Threepol
PFL
PHA-L
ConA
GNL
DSL
DSA
hJAA-F11-Fc
NEL
MAL
MAA-I
Mouse NKR-P1c
Epa1-Np mutant
Epa1-Np mutant
WT Galectin-3
CA19.9 - IB044
Epa1-Np mutant
GCA
CCL1
VGA(EY Lab)
UEA1
Mistletoe
HHA(EY Lab)
Galectin-1
TJA-II
TJA-I
PSA
PC-5
nNV VLP-C-5
CA19.9 Ab (PRGL)
#15 Sialyl Lewis X (BD)
GNA (EY Lab)
TVA
Bang serotype 1
SBA
BPL
WGA(Seikagaku)
MOR
Mono1-HA
LBT
PNA
STL
GSL-I-B4
TEL
Native TCA
Mono2-ENL
MAA(Seikagaku)
VLRB.aGVX
CTB
Mouse Galectin-1
Mono2vGCN
human ConA
ConA
XBA
APA
P11
BTL native
Galectin-1
Epa1-Np
mouse Galectin-7
Human Galectin-7
Xlin
LEL
PVL
PVV
DC-ASGPR
TRIFL
TKA
SBL
VVL
LVX(BA lectin)
CCV(BA lectin)
CrSBL
RCAI (Vector)
AIA

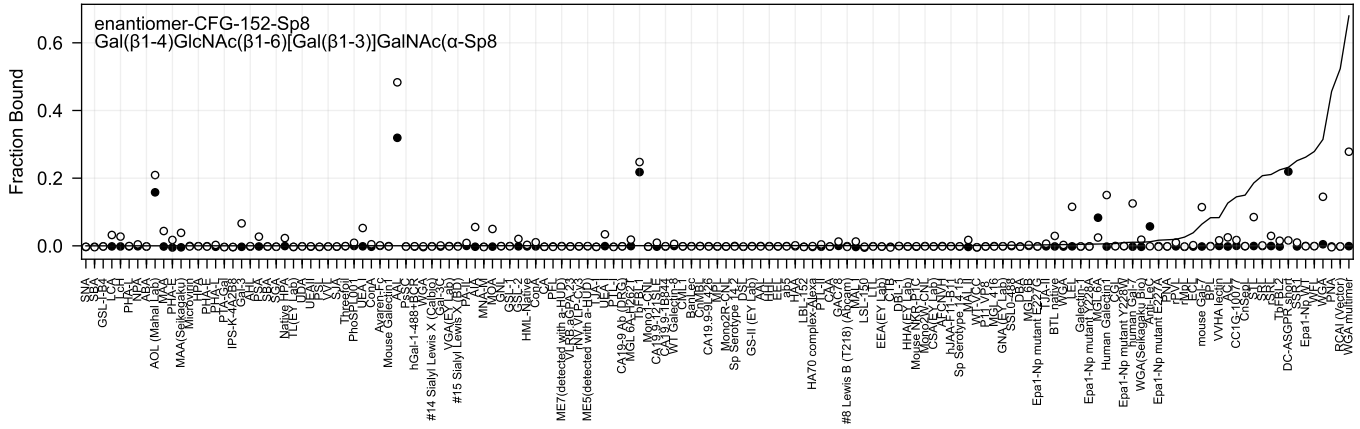

enantiomer-CFG-145-Sp0
Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-3)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β-Sp0
Fraction Bound
0.6
0.4
0.2
0.0
SNA
MAL
MAA
MAA(Seikagaku)
WFA(E)
PSL
PHA-E
PTA-Gal
RCA
ECA
BPL
PHA-L
TL(EY Lab)
UDA
VVL
WGA
WGA mutant E222A
PSA-Man
Epa1-Np
Epa1-Np mutant E222A
Epa1-Np mutant E222A
PhoSL(DOL)
Sialyl Lewis X
#14 Sialyl Lewis X (Lab)
#15 Sialyl Lewis X (Lab)
SSA
SSA-148
VGA(MAA)
VGA(EY Lab)
SBA
SRA
EEA(EY Lab)
GS-II (EY Lab)
GSL
hAAFH-BTA
Mouse NKR-P1C
VFA
HPA
DBA
PNA
DSL
UEA-I
GNL
GSL-I-B4
CA19.9-Alexa
PHL-I
Thy1(CD90)
MGL 6A1(Lab)
Anti-LeY
So Serotonin
CA19.9 Ab (DRG)
UEA-II
PAL
Ab5
Mono2W(EY Lab)
PNL
PSSL
HML-N
GHB
GNA (EY Lab)
Epa1-Np (WT Galectin-3)
APC-LeY
GSL-I
CML
ABA
Mono1 (EY Lab)
Monozyte CSL
hGal-1-488
BCA
VLRB.a
Gal-3C
Epa1-Np mutant E222A
SSA
CSA(EY Lab)
WFA
PHA-E
WGA(Seikagaku)
BJA
MGL 4A1
CA19.9-Cy5
DBA-LT
P11
CAA
HA70 complex-Alexa
BanLec
MPA(EY Lab)
PCL
MOR
SJL
#8 Lewis B (T218) (Abcam)
CA19.9-1B4
Native ALL
Mouse Galectin-3
SGA
SBL
WSL
ORL
CAL-1
TDL-1
LSL-1
HHA(EY Lab)
Gal-1
Gal-3
LBL
ME7(detected with a-HuIgG)
Epa1-Np WT
Epa1-Np WT
ME5(detected with a-HuIgG)
DCA(MGDR-SIGDT)
CoPA
BPL
nVL
Galectin-1
human MMP-7
human MMP-9
Avastin-Fc
Avastin-Fc
Human Ab (Lab)
EGL
mVHA (Lab)
mVHA (Lab)
CC1G-1
CC1G-1
Cn1989
ACT
ACT
GnnL (Lab)
AOL (Mana Lab)
RCAI (Vector)
AAL

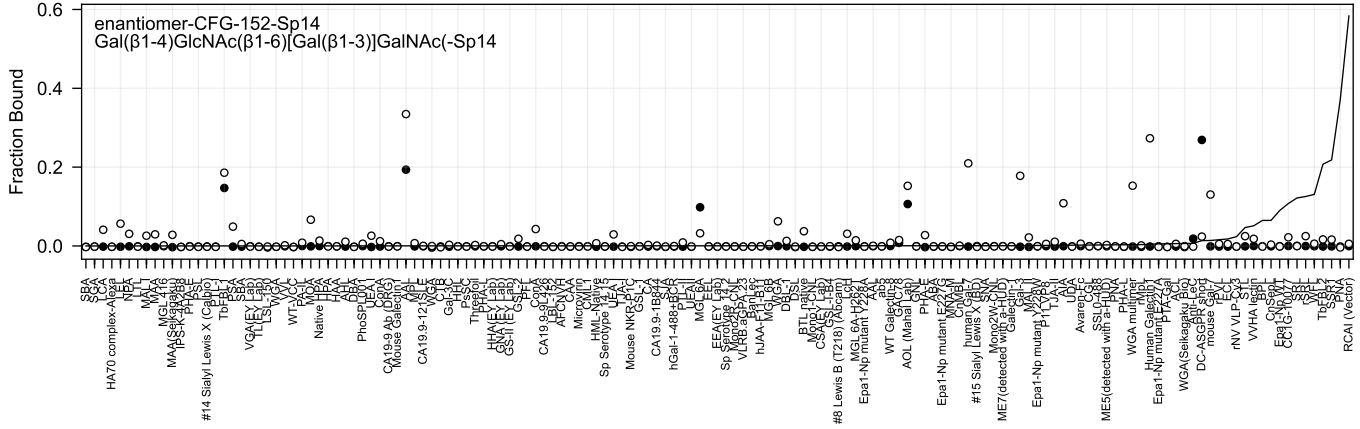

enantiomer-CFG-146-Sp0
Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.6
0.4
0.2
0.0
SNA
GNA (EY Lab)
GS-II (EY Lab)
Mono2W
ABA
ABB
IPS-K-4A
CA19-9-12-SLE
CA19-9-1D844
HHA(EY Lab)
BS-I
Native
SPA
PA-I
UEA-I
LFA
SBA
DBA
PNA
BAA
Epa1-Np mutant Y228A
Epa1-Np mutant S229A
Epa1-Np mutant S229V
CA19-9 Ab (DRG)
Sp Serotype 23
SBL
Sp Serotype 14
DC-ASGPR
SNA
#15 Sialyl Lewis b (PBL)
VVL
RCA
ME7(detected with SSL1-08)
ACL
WT
MOA
LEA
MGL 6A-Pa
PTA-3a
MGL 6A-Pb
BS-I
FBA
FBP
GNL
GSL-I
PHA-L
PHA-E
COA
CGA
AIA
HPA
GSL-II
Threonine
MAL-II
PWM
SSA
AOL
GNA
GALA
TL(EY Lab)
MAA
HML-N
NAVA
Epa1-Np mutant E227A
Epa1-Np mutant GSL-2
#8 Lewis B (12/18) (Abcam)
PEL
PEE
MOA
MGL-CBB
CSA(EY Lab)
PCL
ACL
MAL
VGA(EY Lab)
Anti-Leb
AOL (Wang Lab)
Mouse NKR-P1C
cOML-1
PSA
hGal-1-488
CMBL
hDEC-1
MAA(Seikagaku)
MGL 6A
MonoB
BPL
MNA-N
EEA(EY Lab)
HA70 complex-Alexa
ME5(detected with a-11-12)
Sp Serotype 18
UDA
MicroNA
hAA-F1
UEA-I
#14 Sialyl Lewis X (Calbio)
Mouse Galectin-1
TNV VLP-E3
WGA(Seikagaku)
WGA
BTL native
BPL
Galectin-1
hGal-1
Epa1-Np
LBP-162
MOL
PEL
P11
VP8
WT Gal-3
Gal-3C3
hVP8
WGA Gal-n
WGA multimer
Human Galectin-7
DC Galectin-1
WFL
CrvA
mouse Gal-7
LSL-15b
GEL
RCAI (Vector)

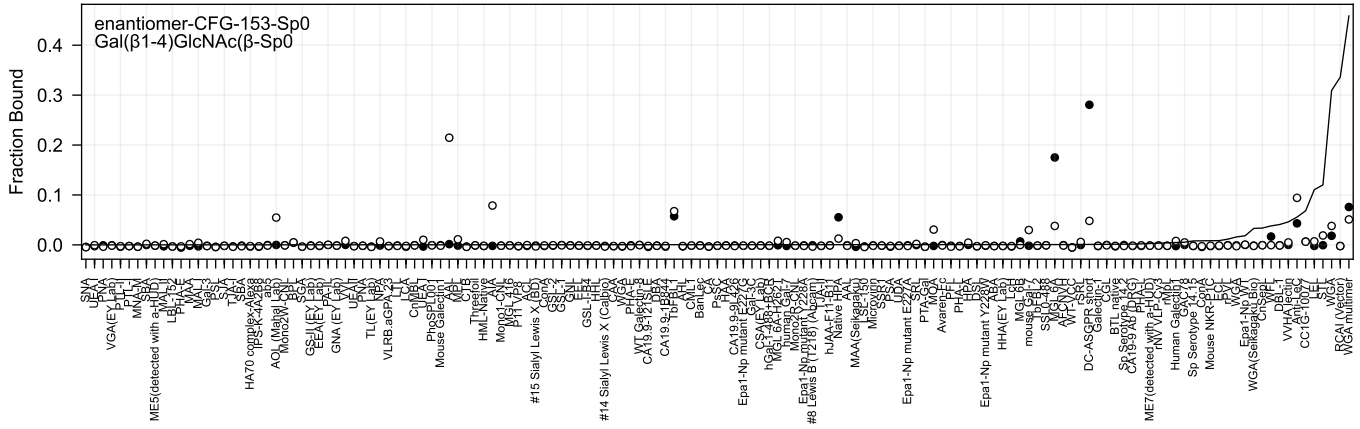

enantiomer-CFG-147-Sp0
Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.0
0.2
0.4
SNA
Jacalin
LBA
ABA
AOL (Mahal
ahs
Mcmxxiii8
Mcmxxiii6
IPS-1-2-1-1-1-1
CA19-9-1-1-1-1
GNX (EY Lab)
Mcmxxiii5
Native
WGA
UEA1
PNA
PHA-Gal
PHA-L
PSL
PSA
PHA-E
MAL I
PRA
HHA(EY
PhoSL-Ot1
MGL-1 (18
PhoSL-Ot2
#15 Sialyl Lewis
(Calam)
#8 Lewis B (12
RCA120
VLRB.aGly03
SSL1-Bas
SSL1-Ace
AAL
ME5(detected with a-HUD)
MVA-M
VGA(EY Lab)
UEA
SJA
ME7(detected with a-HUD)
MGL(EY Lab)
MGL(Vector)
MGA
GNL
GSL-2
CorA
CorA
PCL
Mono1-HUL
HUL
PAA
Mouse NK
Threo
VCB
VCA
WFL
ACA
OAA
UEA1
PNA
FAA
hJAA(EY Lab)
CSA(EY Lab)
MPA
MAL I
LCA
LCL
CA19-9-1-1-1-1
CA19-9-1-1-1-1
HA70
Amino
CAA
CML
Epa1-Np mutant Y2-2
TAA
EEA(EY Lab)
PTL
PSL
Mono2-CNL
TLL
Tb-BPL
NOL
MGL(VR
Ann sc
Bam sc
PNA-E
ALL
Sp Serotype
#14 Sialyl Lewis X
Epa1-Np mutant Epa2
Epa1-Np mutant Epa2
PSSA
Epa1-Np mutant Epa2
Mono2-CCNL
CrMel
rNV (Vector)
hGal-1-488-BCS
Epa1-Np mutant Y2-2
DC-ASGPR SSR1
Sp Serotype 1-1-1
SJA
UDA
Mouse Gal
BTL (native)
WGA(Seikagaku)
PTL
WGA
Human Gal
Mpt
PWM
TVA
VVA Gal-7
ECL
CC1G-GBS-7
WFL
Cra
mouse Gal-7
TSL-150
WGA (murine)
SPL
RCAI (Vector)
LEL

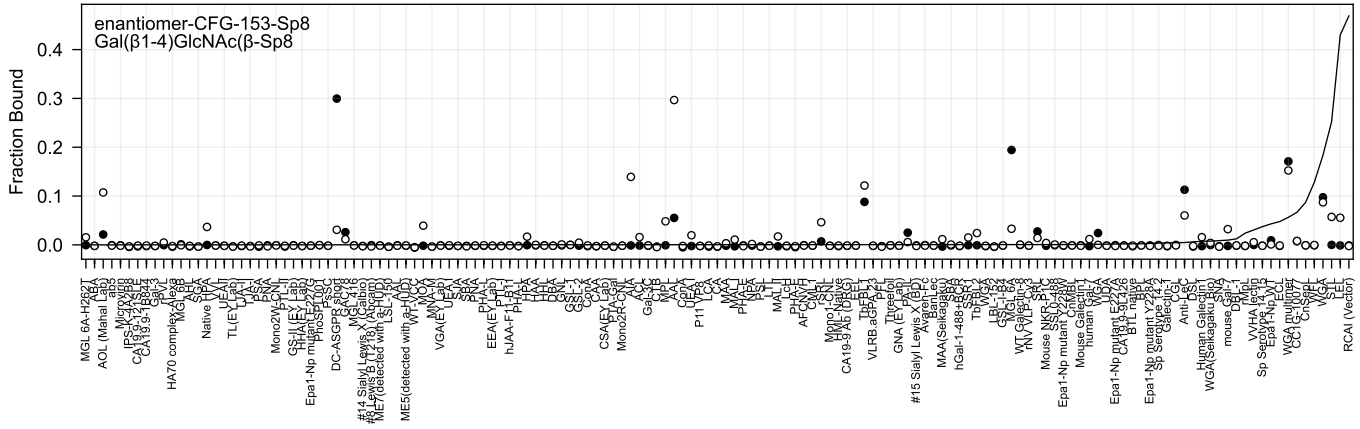

enantiomer-CFG-148-Sp0
Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)Glc(β-Sp0
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
SNA
MAL-I
WFA(OC)
ME5(detected with a-PHL)
PHL-L
PTA
Aal
SBA
ECA
MAL-II
HMA
Nlave
MAA
NPA
PNA
PHA-E
VGA(EY Lab)
CA19.9-1(EY Lab)
CA19.9-2(EY Lab)
CA19.9-3(EY Lab)
sLe8
AOL(Mabs Lab)
GSII (EY Lab)
sLeX
PHA(EY Lab)
PHA-L
PHA-P
SBA
UEA
STA
Bra
#15 Sialyl Lewis B (mAb)
#8 Lewis B (1218) (Abcam)
GSL-I
LCA
AIA
Mouse NKR-P1C
PSA
STB
GNA
CA19.9 Ab (mAb)
Epa1-Np mutant E227G
UEA1
MPA
MGL
Sp Serotype 14-2
CSA(EY Lab)
HPA
LEA
HPA
DBA
#14 Sialyl Lewis X (Calbiochem)
GSL-I
GSL-2
hGal-1-488+BCR
WGA
WGA mutant
Avarol
CVN
ACCNV1
Thrombomodulin
Epa1-Np mutant E227A
Epa1-Np mutant Y228V
Sp Serotype 14-15
Microvillin
EEL
sSIGN-R3
CAA
rNV01-F-C4
MOE
MGL2
ME7(detected with a-TUBG)
CGL
VLRB.aGES-23
NOA
CNA
Epa1-Np mutant Y228A
HA70 complex (Alexa
CA19.9-F12 stop
PNA
ABA
VVL
TL(EY-B1)
hJA-1(EY-B1)
EEA(EY Lab)
MAA(Seikagaku)
Monoz2K
AOL
Native PEA
ETA
ETL
BPL
TcrBL2
WGA(Seikagaku)
Mouse Galectin-1
Mono2K
CSL
pTT-CSL
LEL
VEL
BTL
L-malvin
Gal-3C
Gal-3
TcCL
Galectin-8
Anti-LEC
Epa1-Np WT
WT Galectin-3
STL
PWM
PAL
Human Galectin-1
human Gal-7
CCY(EA Lab)
CrSGP
mouse Gal-7
RCA(Vector)

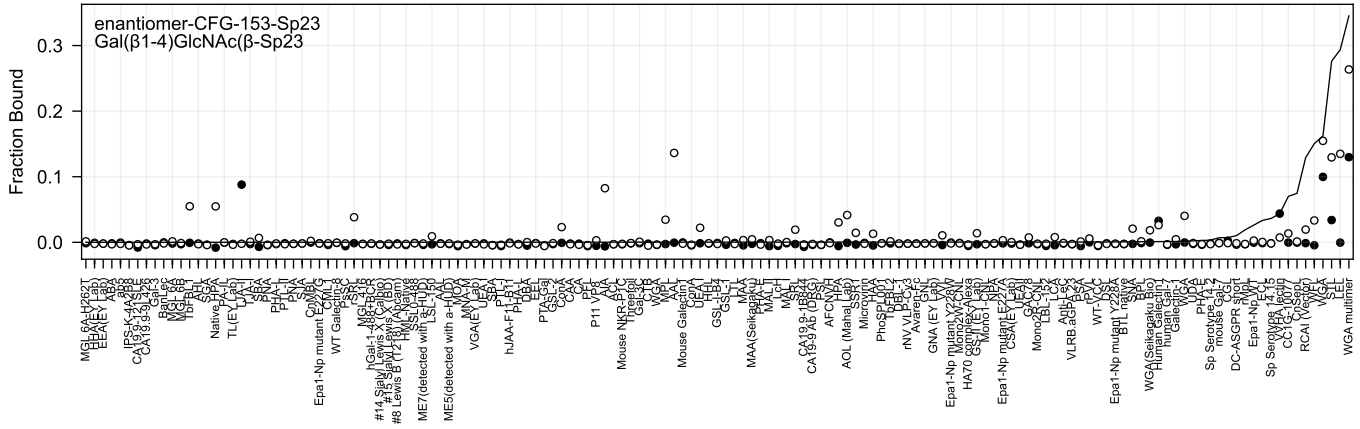

enantiomer-CFG-148-Sp8
Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)Glc(β-Sp8
Fraction Bound
0.4
0.3
0.2
0.1
0.0
SNA
PNA
DBA
EEA(EY
PAA
HA70 control
Vicia
ABA
MGL 4-H
NPA
NOA
STL
WAA
PHA-E
PHA-L
PHA-P
TL(EY Lab)
TL(Vector)
MPA
MAA
GNA
WGA(Seikagaku)
Epa1-Np mutant E227A
Epa1-Np mutant E227Q
Epa1-Np mutant Y229A
Epa1-Np mutant Y229R
WGA
WTA
LTCI
PhoSP-001
GSL-I
GSL-II
MOA
CTB
PNA
AIA
PTA
HHA(EY Lab)
CA19-9 Ab (DBS)
AAL
CAA
CML
CVN
#8 Lewis B (T218) (Abcam)
#14 Sialyl Lewis X (Calbiochem)
hGal-1-488
SSA
AFCNV1
MPL-01
DBL-10
BAV-lec
CA19.9-9-268
Avarol
Epa1-Np mutant E227A
Epa1-Np mutant Y229A
CFA
SBA
VLRB.aGPC1
VLRB.aGPC2
PTA-Gal
Thrombin
MOA
UEA-I
#15 Sialyl Lewis X (BD)
HMS-Native
AOL (Wakabayashi)
CA19.9-1-488
TJA-I
VGA(EY Lab)
HPA
HTL
Sp Serotype 1
Sp Serotype 11
SPA
SJA
SNA
Sp Serotype 12
Mono1-12-116
Mouse NKR-P1C
Mouse NKR-P1D
Human NKR-P1A
Native HPA
MAL-I
WGA mutant
AAL
SBA
DBA
CSA
Mono2R-CSA
MAA(Seikagaku)
Man
GS-II (EY Lab)
Mono2R-RCA
Mouse Galectin1
HJAA-F
LBL-I
LBL-II
LBP
GNA(EY Lab)
SSL (Lab)
LEL
Tomato
CA19.9-12-5
CA19.9-12-5NS
LG-190
Gal-3C
BTL
ME7(detected with a-HRP)
ME5(detected with a-HRP)
P11 (VB)
DC-ASGPR sol
MGL 6A-H
Galectin-1
Galectin-3
WT Galectin-3
Anti-Lec
Epa1-Np
PAP
Gal-3
Human Galectin1
VVHA lectin
human Lec17
COTS Lec17
CrSSP
mouse Gal-7
RCAI (Vector)

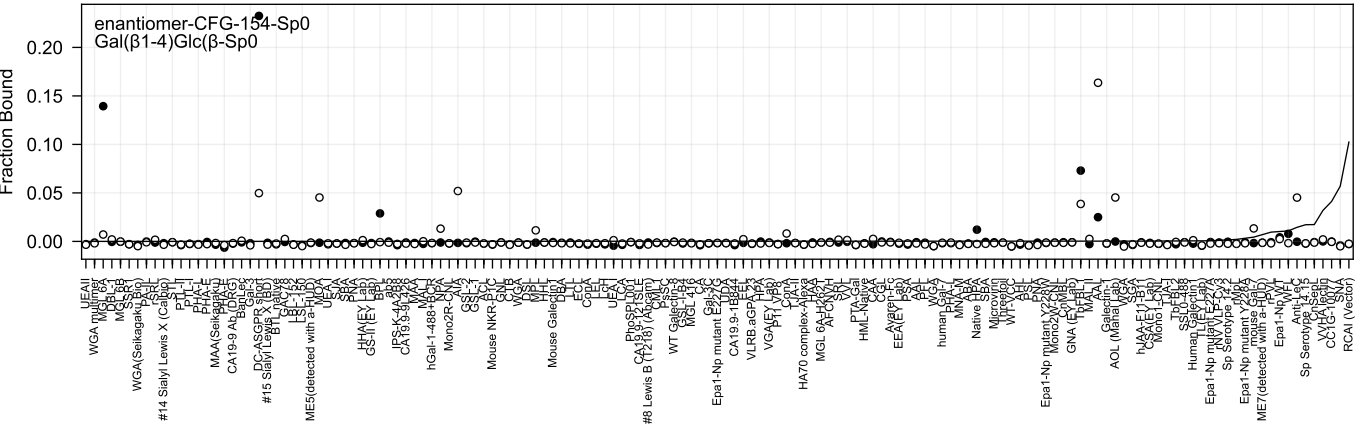

enantiomer-CFG-152-Sp8
Gal(β1-4)GlcNAc(β1-6)[Gal(β1-3)]GalNAc(α-Sp8
Fraction Bound
0.0
0.2
0.4
0.6
SNA
SBA
GSL-I-B4
LCA
PNA
ECA
ABA
AOL (Mahal
ABA
PHA-E
PHA-L
MAA(Seikag
MAA(Seikag
Microvoid)
PHA-E
RCA
PHA-L
RCA
IPS-K-A288
Gal-1
BSA
PSA
SBA
SBA
Native HPA
TL(EY
UDA
UDA
UEA-I
UEA-I
VVL
VVL
Thiosol
PhoSL
DBA
DBA
ConA
Aspergillus f
Mouse Galectin-7
ASL
hGal-1-488-PBR
Gal-3C
VGA(Lectin
#14 Sialyl Lewis X (CMG
#15 Sialyl Lewis X (BD)
PAL
PAL
MNA-M
MNA-N
GSL-I
GSL-I
HML-Native
ConA
ConA
PE
PE
ME7(detected with a-Gal
ME8(detected with a-Gal
ME5(detected with a-Gal
TJA-I
TJA-I
UEA-I
UEA-I
CA19-9 Ab (DAKO)
MGL 6A
UEA-I
CA19-9-PBR
CA19-9-1B84
WT Galectin-1
Bauhinia
CA19.9-9-Ab
MGL
Mono2R
MGL
Sp Serotype 14
GS-II (EY
ASL
ASL
AOL
EEA
EEA
PAS
PAS
LBL-122
HA70 complex
PHA-E
PHA-E
CGA
GAL
#8 Lewis B (T218) (Abram
LSL(Mu
LSL(Mu
EEA(EY
LTA
CTB
CTB
PSA-I
HHA(EY
Mouse NRC-PTC
Mouse NRC-PTC
MGL(EY
hAAF-1-NY1
hAAF-1-NY1
Sp Serotype 14
WVA-L
WVA-L
RIA-VB8
GNA(EY
SSLO-B8
SSLO-B8
MGL-B8
Epa1-Np mutant E224A
Epa1-Np mutant E224A
BTL
BTL
Native
VEL
VEL
Epa1-Np mutant E224A
MGL6A
Human Galectin-7
CGL
Epa1-Np mutant Y224V
Epa1-Np mutant Y224V
WGA(Seikagaku
Epa1-Np mutant E224K
Epa1-Np mutant E224K
PNA
PNA
mouse Galectin-7
BPL
VVHA
VVHA
CC1G-10077
CC1G-10077
Orf-1
SAL
SAL
SRL
SRL
DC-ASGPR
DC-ASGPR
SSSRI
SSSRI
Epa1-Np
VEL
WGA
WGA
RCA(Vector
RCA(Vector
WGA multimer

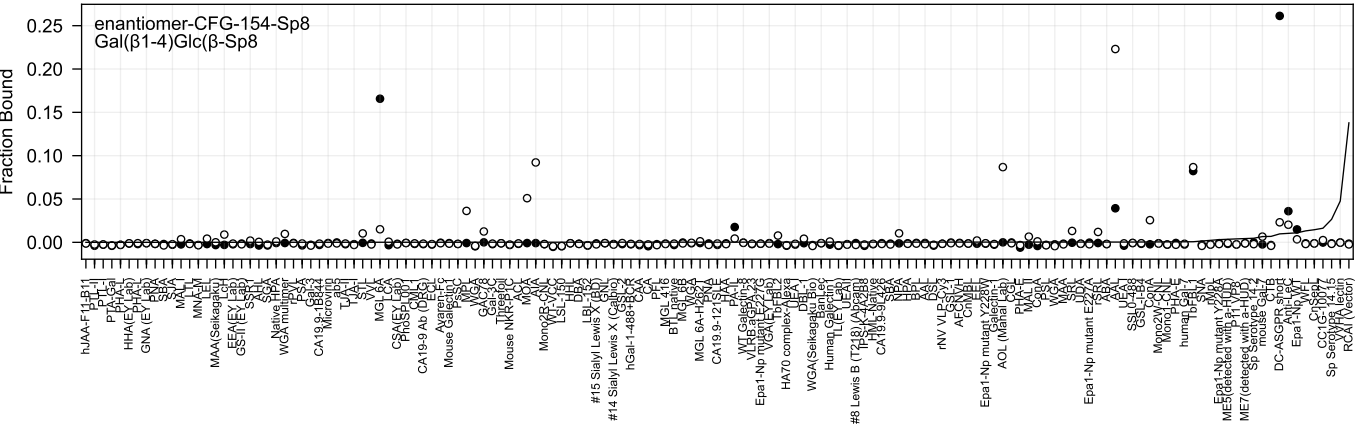

enantiomer-CFG-152-Sp14
Gal(β1-4)GlcNAc(β1-6)[Gal(β1-3)]GalNAc(-Sp14
Fraction Bound
0.6
0.4
0.2
0.0
SBA
SPA
HA70 complex-Alexa
NPA
MAL
MGL 416
MAA(SA2,3Gal)
#14 Sialyl Lewis X (Calbio)
Tb
BSA
VGA(EY Lab)
LEA(EY Lab)
LSL
WGA
VVL
WT
PAL
MPA
Native
HPA
DBA
ACL
PhoSP
UEA1
CA19.9 Ab (CRG)
Mouse Galectin
ABL
CA19.9-12
VCL
CTB
GerHP
PsSC
Tn
PPA
HHA(EY Lab)
GNA(EY Lab)
GS-II (EY Lab)
CA
PFL
CA19.9-O
LBL-182
AFCS
CVN
Microvillin
HML-Naive
Sp Serotype
UEA1
LTA
Mouse NKR
GSL-I
CA19.9-1B
SJA
hGal-1-488
PCL
MOA
EEL
EEA(EY Lab)
Sp Serotype
Kappa-CM
VLRB a-CM
BanLec
hJAA-FL
MVN
WGA
DSL
BTL
BTL naive
CSA(EY Lab)
CSAF(EY Lab)
#8 Lewis B (T219)
Sec-Lec
MGL 6A
Epa1-Np mutant
ACL
WT Galectin-8
AOL (Mahal)
GNL
PVL
Epa1-Np mutant
#15 Sialyl Lewis X
CMel
hum2W
ME7(detected with a-HUD)
Galectin-1
Epa1-Np mutant
TJA-I
UDA
Avarol
SSLD-088
ME5(detected with a-PN2)
WGA mutant
Human Galectin-7
Epa1-Np mutant
WGA(Seikagaku, Bio)
DC-ASGPR
mouse Galectin-7
ECL
rNV VLP
VVHA
CCTG-1
RCAI (Vector)

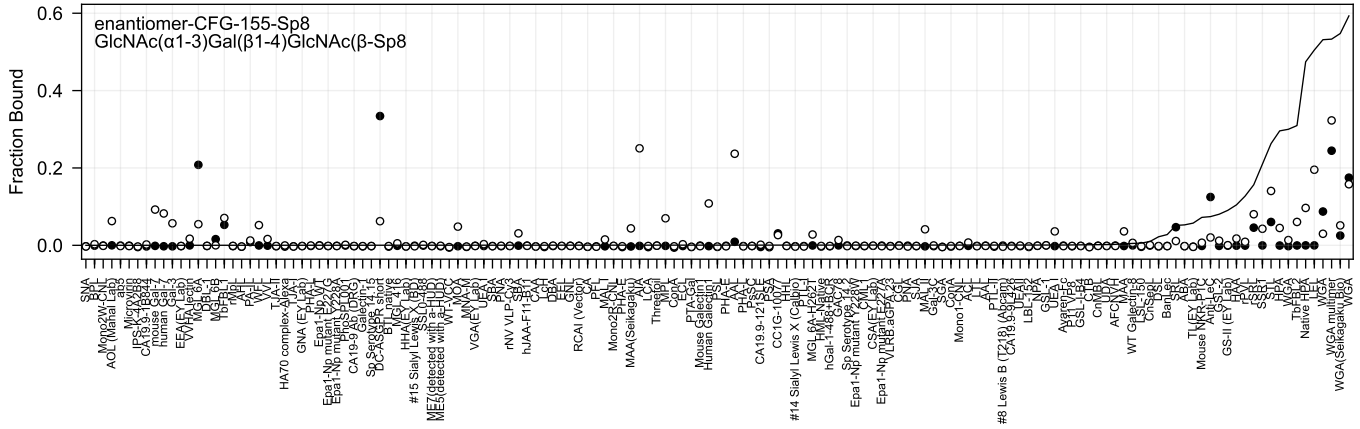

enantiomer-CFG-153-Sp0
Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.0
0.1
0.2
0.3
0.4
SNA
UEA
PNA
VGA(EY Lab)
PHA-L
MNA-M
SBA
ME5(detected with a-Man)
LEL
LBA-1-2
PHA-E
MAA
WGA-3
BSL
TJA-I
SGA
HA70 complex-A-2B8
TPS-K-4A2B8
AOL (Mahal Lab)
Mono2W-LBL
SGA
GSL-I (EY Lab)
PEA (EY Lab)
PA-IL
GNA (EY Lab)
UDA
DSA
TL(EY Lab)
VLRB.aGP23
LTA
CrKM
CrKM
PhoSL
Mouse Galectin-1
MPL
MPL
CTB
Thaumatin
HML-Native
Mono1-CNA
MGL-4-28
MGL-4-28
AGL
#15 Sialyl Lewis X (Bio)
GSL-2
GSL-2
GNL
EEL
EEL
GSL-HH
GSL-HH
#14 Sialyl Lewis X (Calbio)
VGA
VGA
PVL
WT Galectin-8
CA19.9-12-SLE
CA19.9-1B844
Tb-RA-1
CML-1
Banana
PSA
FSA
CA19.9-9-426
Epa1-Np mutant E224Q
CA19.9-12-SLE
CA19.9-1B844
hGal-7-FBB
MGL-6A-H2B1
Momordin
Momordin
Epa1-Np mutant Y229A
#8 Lewis B (T216) (Acetal)
hJAC-1-FBA
hJAC-1-FBA
Naive
AAL
MAA(Seikagaku)
MicroVD
CSA
PSA
Epa1-Np mutant E224A
SBL
PTA
MOA
AvarepFFC
PHA-L
DSA
Epa1-Np mutant Y229W
HHA(EY Lab)
MGL-6B
mouse Gal-7
SSL-1-B8
SSL-1-A8
MGL-6A
WT-VCC
DC-ASGPR Sp0
Galectin-1
BTL naive
Sp Serotype 14-15
CA19.9-9-426
PHA-E
ME7(detected with PHA-E)
Human Galectin-7
GNA
Sp Serotype 14-15
CPA
Mouse NKR-P1C
PVL
WGA
Epa1-Np
WGA(Seikagaku Bio)
CNA
PPL
DBL-1
VVH(Anti-Leb)
CC1G-10027
LTA
RTA
RCA(Vector)
WGA multimer

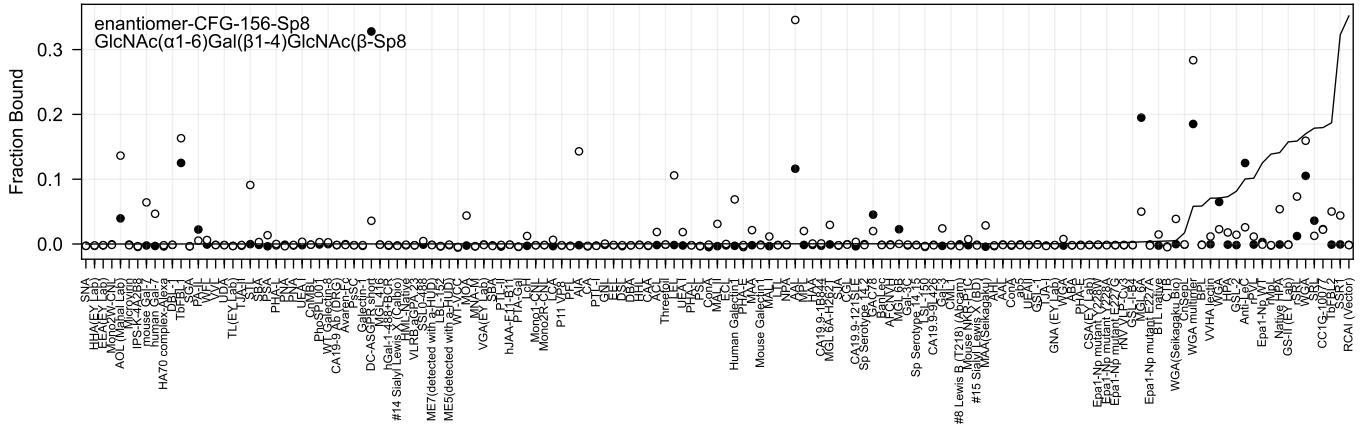

enantiomer-CFG-153-Sp8
Gal(β1-4)GlcNAc(β-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
0.4
MGL 6A-H2627
ABA
AOL (Mahal Lab)
Mcryxb
IPS
CA19.9-1-ASGP
CA19.9-1-BSA
SWJ
HA70 complex
Alkaline
ACL
Native SpA
LVA
LVT
LV (Lab)
LVA1
LVA2
PSA
PSA
Mono2W-CNL
GSII (EY Lab)
THA(EY Lab)
Epa1-Np mutant 222-1
Lam-Sp2203
DC-ASGPR
CA19.9
#14 Sialyl Lewis
#8 Lewis B (1218) (Alpha)
ME7(detected with SLT (Lp))
ME5(detected with a-Ac)
AOL
WT-VVL
MVA
VGA(EY Lab)
MVA
SBA
SBA
PTA
PTA-1
EEA(EY Lab)
hJAA-F11
PL-11
HPA
HPA
DBA
DBA
SJA
SJA-1
GSL-1
GSL-2
CAA
CAA
CSA(EY Lab)
Mono2R-CNL
ACL
Galectin8
MPL
COA
CEA
P11
LCA
MAA
MAA-1
PNA
NPL
PSL
MAL-1
MAL
PHA-E
PHA-L
AFCNV1
CSL
Mono-CNL
Mono-CNL
CA19-9 Ab (DBG)
TBPBL1
TBPBL2
VLRB.aGPA2
Tyrepeptin
GNA (EY Lab)
#15 Sialyl Lewis X (Bp)
Avenin
Barley lec
MAA(Seikagaku)
hGal-1-488+BCB
TBSBL1
TBSBL2
WFA
LBL-1
LBL-1-B4
GSL-I-B4
WT Galectin-1
NV-VVL-B4
MGL-B4
Mouse NKR-P1C
SSL2-488
Epa1-Np mutant 222-1
Mouse Galectin-7
CSMB
human WGA
WGA
Epa1-Np mutant 222-1
CA19.9-1-126
BTL
BTL
Epa1-Np mutant Y222
Sp Serpin K1 Y
Galectin-1
Anti-Lec
Human Galectin1
WGA(Seikagaku) (Bp)
mouse Galectin-7
DSL-1
DSL-1
VVHA (eqb)
Sp Serpin K1 Y
Sp Serpin K1 WT
ECL
WGA mutant
CCL
Cn-SBPL
WGA
WGA
LEL
LEL
RCAI (Vector)

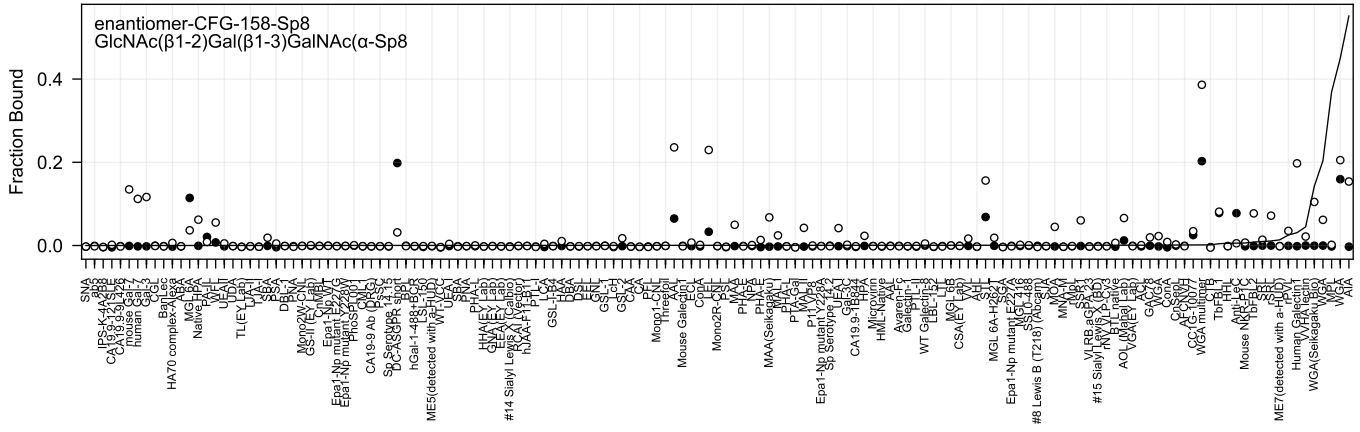

enantiomer-CFG-153-Sp23
Gal(β1-4)GlcNAc(β-Sp23
Fraction Bound
0.3
0.2
0.1
0.0
MGL 6A (U267)
BTA (EY Lab)
EEA(EY Lab)
ABA
IPS-14-1-A-B8
CA19.9-1-A-B8
CA19.9-1-A-F8
Banana
MGL 8B
MGL 8A
IgFBL
SNA
Native-PPA
TL(EY Lab)
LCA
SBA
PNA
PHA-L
PHA-E
SJA
Control
Epa1-Np mutant Y228A
WT Galectin-1
WT Galectin-3
#14 Sialyl-Lewis X (Y189)
#13 Sialyl-Lewis X (Y189)
#8 Lewis B (12-18) (Y189)
ME7(detected with 13-1-D)
ME5(detected with a-MOG)
VGA(EY Lab)
hJAA-F
PLA2
DGA
Fucoidin
PTA
GSL-I-B4
CON A
PCA
P11 V-8
AIA
Mouse NKR-P1C
Galectin-1
Galectin-3
VCL
MPL
Mouse Galectin-1
GPA
HPA
GSL-I-B4
GSL-II
MAL
MAA(Seikagaku)
MAL II
Mucin
MPL
CA19.9 (BB44)
CA19.9 AB (BB51)
AFC-NDA
AOL (Mahal Lab)
MicSolnt
PHA
PhoSPL-1
PCBL-2
nNV VLP-1
Avarol-FC
GNA (EY Lab)
Epa1-Np mutant Y228V
Mono2W-CNL
HA70 (Seqirx Lab)
Mono1-CNL
Epa1-Np mutant E227A
CSA(EY Lab)
GAL
Mono2-CNL
LBL-1-2
Anti-LCA
VLRB.aGP-2-2
PSA
WT-Yoc
Epa1-Np mutant Y228A
BTL native
Bpi
WGA(Seikagaku)
Human Galectin-7
human Gal-7
Galectin-1
WGA
HAA
PHA-E
Sp Serotype 1-1-2
mouse Galectin-1
DC-ASGPR short
WT
Epa1-Np WT
Sp Serotype 1-1-5
CVFA (Vector)
CCT (Csp)
RCAI (Vector)
WGA
SNA
SEE
WGA multimer

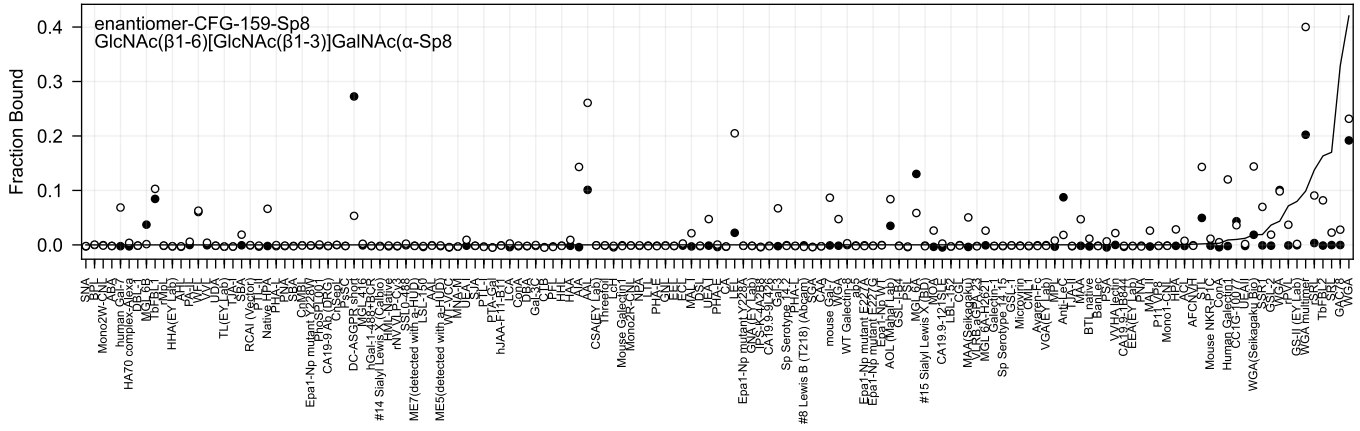

enantiomer-CFG-154-Sp0
Gal(β1-4)Glc(β-Sp0
Fraction Bound
0.20
0.15
0.10
0.05
0.00
UEAII
WGA (Murine)
MGL6A
MGL6B
WGA(Seikagaku)
SBA
#14 Sialyl Lewis X (Calbio)
PAII
PTL-I
PTL-II
PHA-E
PHA-L
MAA(Seikagaku)
CA19-9 Ab (DRG)
Bauhinia
DC-ASGPR sp0
#15 Sialyl Lewis A (Calbio)
LCA
LSL-156
ME5(detected with a-NUD)
UEA-I
SNA
PNA
HHA(EY Lab)
GS-II (EY Lab)
BPL
JRS7-44-A288
CA19.9-1B42
MAA
MAH
hGal-1-488-NPA
Mono2R-AIA
GSL-I
ACL
Mouse NKR-GNA
CCL8
DSL
MPL
Mouse Galectin-1
DBA
ECL
CPE
UEA-I
PhoSPL-LCA
CA19.9-21SGE
CA19.9-1B42
PsSL
WT Galectin-3
MGL 4/18
Gal-3C
Epa1-Np mutant E220Q
CA19.9-1B42
VLRB.aGP-F5
VGA(EY Lab)
PTL-I
HA70 complex-Alexa
CA-1
MGL 6A-FITC
AFCS(NOV)
SVL
PTL-II
HML(Nature)
CAA
Avarol
EEA(EY Lab)
AAL
WGA
human Galectin-7
MNA-M
#8 Lewis B (1218) (Axxam)
Native DBA
SBA
Microvirin
WT-XCL
PSL
Epa1-Np mutant Y220N
Mono2Y-488
GNA (EY Lab)
MAL-I
AAL
AOL (Mahal Lab)
Galectin-1
MGL6A
hAA-E11-B11
CAA(EY Lab)
Tdt-FITC
SSL-128
Human Galectin-7
Epa1-Np mutant E220Q
Epa1-Np mutant Y220N
Sp Serotype 12-F2
Epa1-Np mutant Y220N
mouse Galectin-7
ME7(detected with a-NUD)
Epa1-Np WT
Ant-Lec
Sp Serotype 14-15
CVHA (Neut)
CCTG-1
SNA
RCAI (Vector)

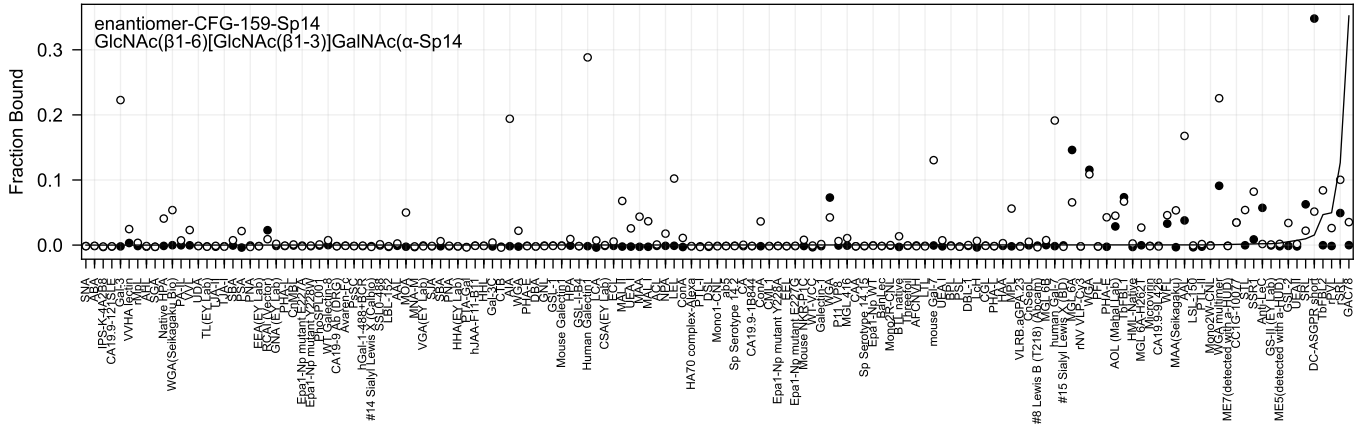

enantiomer-CFG-154-Sp8
Gal(β1-4)Glc(β-Sp8
Fraction Bound
0.25
0.20
0.15
0.10
0.05
0.00
hJAA-F
LBL-1
PTL-I
PTL-II
BPA
HHA(E.Lab)
HHA(Lectin Lab)
GNA (EY Lab)
SBA
MAA
MNA-M
MNA-N
MAA(Seikagaku)
EEA(EY Lab)
GS-II (EY Lab)
STA
ABL
Native SPA
WGA multimer
PSA
CA19.9-1486
Microvirin
TJA-I
TJA-II
VVL
MGL
CAA
CSA(EY Lab)
PhoSL (EY Lab)
CNL1
CA19-9 Ab (DEC)
Avaren-Fc
Mouse Galectin-1
MPL
GAL3
GAL8
Galectin-7
TKRP-PC
MOA
MOL
Mono2B-CNA
WT-VCA
LSL-LBL
LBL
DBA
PNA
#15 Sialyl Lewis X (BIO)
#14 Sialyl Lewis X (Calbiochem)
hGal-1-486
SBL-2
BJA-B
PCA
MGL 416
BTL-B98
MGL 98
MGL 6A-H
CA19.9-121
SLE
PAL-1
WT Galectin-3
VLRB-Galectin-3
Epa1-Np mutant E227G
VCAM-1
TcFBP2
HA70 complex-1
DSL-1
WGA(Seikagaku)
Banlec
Human Galectin-1
LTL (EAI)
#8 Lewis B (T218)
TcFBP
HML-Nanoxib
CA19.9-Nanoxib
SBA
NPA
BPL
DSL
rNV VLE-SY3
AFRNT-1
CNBP
Epa1-Np mutant Y226W
Epa1-Np mutant Y226F
AOL (Marfat Lab)
PCL
MAL II
CGA
WGA
SBA
SBL
Epa1-Np mutant E227A
FSL
ABL
ACL
LEA
SSL-I84
GSL-I84
Mono2W-CNA
Mono1-CNA
human Gal-7
TcFBP
SNA
AWL
Epa1-Np mutant Y226A
ME5(detected with Epa1-HCD)
ME7(detected with Epa1-HCD)
Sp Serotype 1-12
mouse Galectin-8
DC-ASGPR short
Epa1-Np WT
Epa1-Np Y226F
AWL
CC1G-10077
Sp Serotype 14-15
RCA(Lectin Lab)
RCAI (Vector)

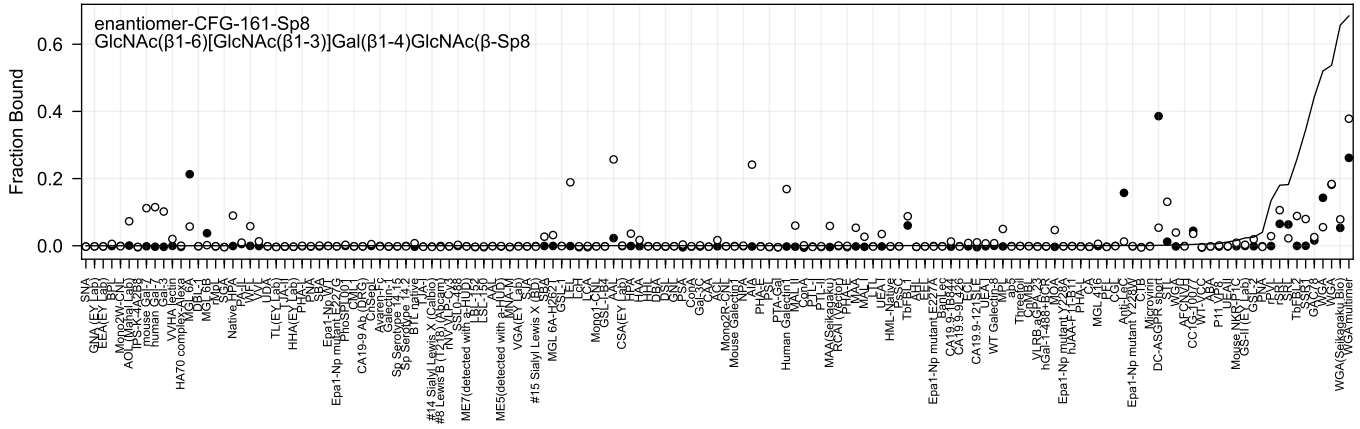

enantiomer-CFG-155-Sp8
GlcNAc(α1-3)Gal(β1-4)GlcNAc(β-Sp8
Fraction Bound
0.0
0.2
0.4
0.6
SNA
SIA
Mono2W-CNL
AOL (Mamal Lec)
ahs
Mono2W-PHA-L
JFS-Mono2W
CA19.9-1B644
human Gal-7
human Gal-1
EEA(EY Lab)
VVA(EY Lab)
MGL-6A
MGL-6B
Tn-PAP
mgl
PNA
WFL
WFA
TJA-I
TJA-II
HA70 complex-Alexa
ACA
GNA (EY Lab)
NPL
Epa1-Np mutant
Epa1-Np mutant-Sp8
CA19-9 Ab (ORG)
CA19-9 Ab (ORG)
Sp Serotype 14-15
DC-ASGPR 14-15
BTL
#15 Sialyl Lewis X (BD)
HHA-Alexa
SCL-1-188
MEZ(detected with α-TUD)
ME5(detected with α-TUD)
WT-MOA
MVA-1
VGA(EY Lab)
UEA-I
SBA
SRA
nVV VLP
hJAA-F11-B11
CAA
DBA
GSL
RCAI (Vector)
PCL
MAL
Mono2B-PHA-L
MAA(Seikagaku)
ACA
Thomsen-Friedenreich
MPL
COA
PTA-Gal
Mouse Galectin-1
Human Galectin-1
PHA-E
AAL
PNA
PsSC
CA19.9-12F5
SLE
CC1G-1027
#14 Sialyl Lewis X (Calbiochem)
PHA-L
MGL-6A-Alexa
HMI-Native
hGal-1-488-Sp8
Sp Serotype 12-23
Epa1-Np mutant Y206A
CSA(EY Lab)
Epa1-Np (LRB aGFP 23)
PGA
SLA
MAL-I
Galectin-3
SGA
Mono1-CNL
ACL
ACA
PAL
#8 Lewis B (T218) (Abcam)
CA19.9-1E28
LBL-1
LBL-2
GSL-I
UEA-I
Ayamelin
B11-VP8
GSL-I-B4
CnNBL
AFCNA
NAA
WT Galectin-1
CSL-150
CnNBL
Banlec
ABA
TEX
Mouse NKR-P1C
Ang-Lec
GS-II (EY Lab)
PNA
ISBT
ISBT
SSL1
HPA
HPA
TdFP
Native HPA
WGA
WGA
WGA(Seikagaku)
WGA(Seikagaku-Biot)
WGA

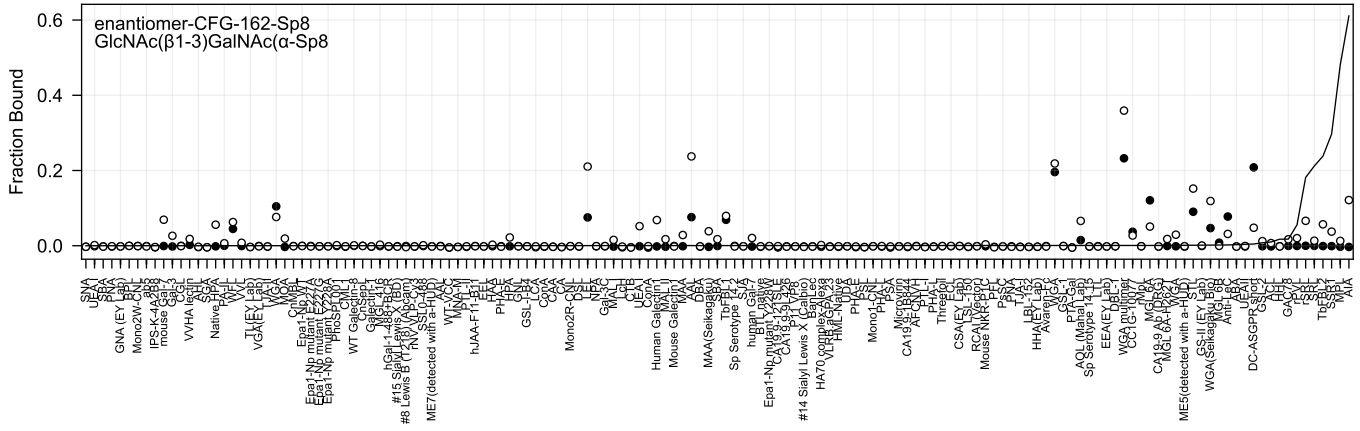

enantiomer-CFG-156-Sp8
GlcNAc(α1-6)Gal(β1-4)GlcNAc(β-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
SNA
SNA (Vector Lab)
HHA(EY Lab)
EEA (EY Lab)
MAL (EY Lab)
AOL (Wang Lab)
IPS-1 (Kiyohara)
mouse Galectin-7
mouse Galectin-8
HA70 complex Alexa
TDB-1
TDB-1
SGA
PNA
ACL
T-ACL
SBA
SBA
PHA-L
PHA-E
ENA
UEA
CSA
PhoSL (Wu)
WT Galectin-3
CA19-9 Alexa
Avarol-B
Fucoidin
Fucoidin
Galectin-3 short
DC-ASGPR short
hGal-1-488-BCR
#14 Sialyl Lewis X (Calbio)
VLRB.aGAL.v3
VLRB.aGAL.v5
ME7(detected with sSTL-1-B3)
LBL-1-B2
ME5(detected with sFTL-1-D2)
MOA
MOA
VGA(EY Lab)
VGA (EY Lab)
SPA
PNA
hJAA-F11-B11
PNA-Cell
Momor-CNL
Momor-TCA
P11
P11
PE
AIA
AIA
PTL-I
GNL
GNL
DSL
DSL
UDA
UDA
CAA
CAA
Threefoil
Threefoil
UEA-I
UEA-I
PSL
PSL
Con A
Con A
MAL-I
MAL-I
Human Galectin-1
Human Galectin-1
PNA
MAA
Mouse Galectin-11
Mouse Galectin-11
NPA
NPA
MPL
MPL
CA19.9-1B844
CA19.9-1B844
MGL 6A-H2671
MGL 6A-H2671
Gal
Gal
CA19.9-12-F12
CA19.9-12-F12
Sp Serotype 14-13
Sp Serotype 14-13
GAC-76
GAC-76
APEN-V1
APEN-V1
MGL-3B
MGL-3B
Sp Serotype 14-18
Sp Serotype 14-18
CA19.9-9-128
CA19.9-9-128
GAL-3
GAL-3
#8 Lewis B (T218) (Abcam)
#8 Lewis B (T218) (Abcam)
Mouse NKT (BD)
Mouse NKT (BD)
#15 Sialyl Lewis A (Seikagaku)
#15 Sialyl Lewis A (Seikagaku)
MAA(Seikagaku)
MAA(Seikagaku)
AAL
AAL
Con A
Con A
UEA-I
UEA-I
GSA-I
GSA-I
GNA (EY Lab)
GNA (EY Lab)
ABA
ABA
CSA(EY Lab)
CSA(EY Lab)
PTL-I
PTL-I
Epa1-Np mutant Y229W
Epa1-Np mutant Y229W
Epa1-Np mutant E227G
Epa1-Np mutant E227G
NW-CL-1-B3
NW-CL-1-B3
Gal-1-B4
Gal-1-B4
Epa1-Np mutant E227A
Epa1-Np mutant E227A
GTB
GTB
WGA(Seikagaku)
WGA(Seikagaku)
CNSepi
CNSepi
WGA mutant
WGA mutant
VVHA lectin
VVHA lectin
HPA
HPA
GS-2
GS-2
Arthr-PCV
Arthr-PCV
Epa1-Np WT
Epa1-Np WT
Native HPA
Native HPA
GS-II (EY Lab)
GS-II (EY Lab)
SBL
SBL
VVA
VVA
CC1G-1007
CC1G-1007
Tetra
Tetra
LSST
LSST
RCAI (Vector)

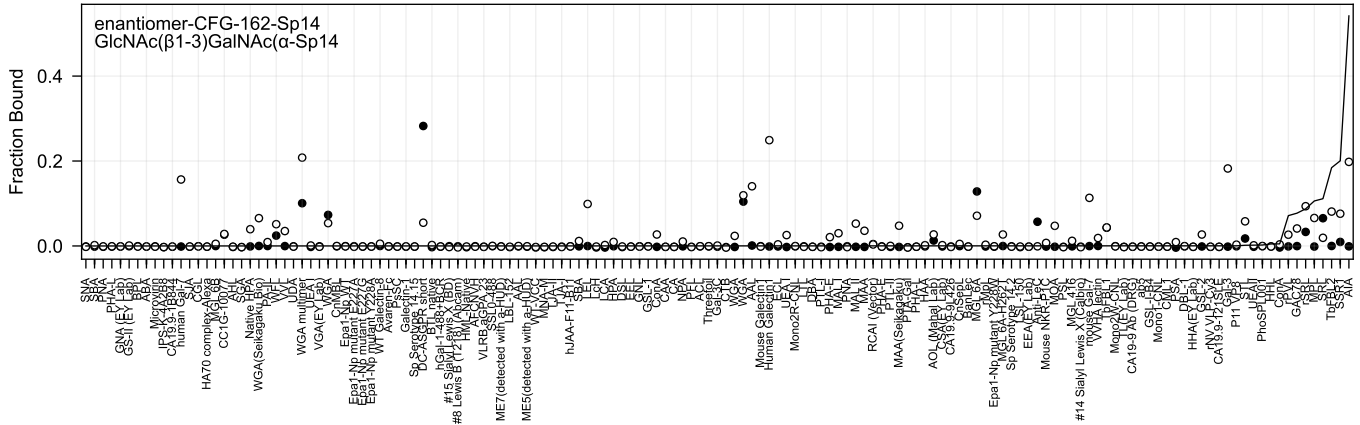

enantiomer-CFG-158-Sp8
GlcNAc(β1-2)Gal(β1-3)GalNAc(α-Sp8
Fraction Bound
0.0
0.2
0.4
SNA
IgG-1-488
PBS-1-488
CA19-9-Lea
CA19-9-Le
mouse Gal-7
human Gal-7
Gal-3
Bari Lec
HA70 complex-Alexa
MGL-Alexa
Native-PA
WFL
UEA
UDA
TL(EY Lab)
VIA
SBA
DBA
DSL-1
Mono2V-CNL
GS-II (Lectinity)
Epa1-Np mutant
Epa1-Np mutant Y229V
Epa1-Np mutant Y229A
PhoSL
CA19-9 Ab (PRO5)
Sp Serotype 1-1-1c
DC-ASGPR subset
hGal-1-488-BCR
TSL-1
ME5(detected with a-Lectin)
WT-VCL
USA
PNA
PTA
DHA(EY Lab)
GNA(EY Lab)
#14 Sialyl Lewis X (Calbio)
hXAA-P-1-B17
PTGA
GSL-I-B4
DBA
DSL
DSA
GNL
GSL-I-2
CCA
CGA
Mono1-CFL
Threepill
Mouse Galectin1
ECL
CoPA
Mono2R-PSL
MAA
PHA-E
PHA-L
MAA(Seikagaku)
WALL
PTA-Gal
PTA-GalNAc
Epa1-Np mutant Y229A
Sp Serotype 1-1-1
Gal-3C
CA19.9-Lea
Microvilin
HML-Alexa
AAL
Galectin-7
Galectin-1
WT Galectin-12
PHL-1
MGL-Lab
CSA(EY Lab)
ACL
SST
MGL 6A-Hexa
SST
Epa1-Np mutant E221A
SSL1-488
#8 Lewis B (T218) (Abcam)
MOA
MAL
MAL
VLRB.aGPS.1
#15 Sialyl Lewis X (Bio)
TNFR-1-488
BTL (native)
AOL (Marine Lab)
VGA(EY Lab)
ACL
GVGA
ConA
CCL2
CCL7
CCL11
WGA (Lectinity)
Tdp-FL
FHL
NAP-FLK
Mouse NAP-FLK
TDP-BLK
SBL
ME7(detected with a-Lectin)
Human Galectin1
WGA(Seikagaku)
WGA
WGA
AIA

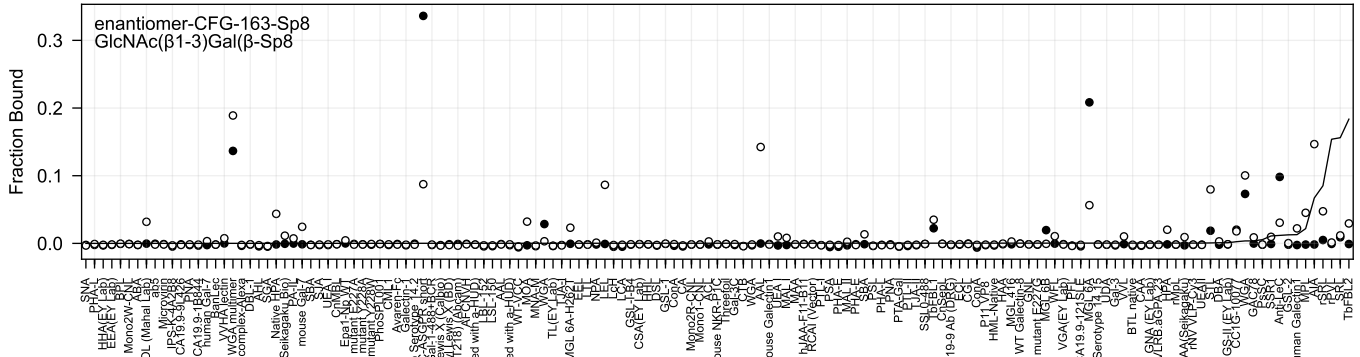

enantiomer-CFG-159-Sp8
GlcNAc(β1-6)[GlcNAc(β1-3)]GalNAc(α-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
0.4
SNA
SNA
CNL
Mono2W-CNL
human Gal-7
HA70 complex-Galectin-9
MGL-Bp4
Tbp
ABL
HHA(EY Lab)
PAL
WGA
UDA
TL(EY Lab)
SBA
RCAI (Vector Lab)
Nav-Bp-Fc-II
ENA
ENA
Epa1-Np mutant Cgb
CA19-9 Ab (DRG)
CA19-9 Ab (DRG)
PsaC
DC-ASGPR sp18
hGal-1-488-BCR
#14 Sialyl Lewis X (Calbiochem)
rNSL-Fc-X3
ME7(detected with a-HuDD)
ME5(detected with a-HuDD)
LSL-Fc
MNA-M
UEA-I
PT-L
hIAA-F11-B31
LCA
CGB
Gal-1-B
PF
HPA
AIA
AAL
CSA(EY Lab)
Three Gal
Mouse Galectin-1
Mono2K-NEK
PNA
PHA-E
GNL
ECL
MAL
UEA-I
PHA-L
Epa1-Np mutant Y224D
GNA(EY Lab)
CA19.9-X-488
CA19.9-X-488
Gal-3
Sp Serotype 14-2
#8 Lewis B (T218) (Abcam)
SAA
SAA
mouse Galectin-7
WT Galectin-8
Epa1-Np mutant E227Q
Epa1-Np mutant E227Q
AOL (Matalab Lab)
GSL-B4
MGL
#15 Sialyl Lewis X (R&D)
CA19.9-12 (Santa Cruz)
LEL
CGT
MAA(Seikagaku)
MGL BAT42621
Sp Serotype 14-15
MicroGSL-I
CML-I
VGA(EY Lab)
MPL
Ant-Fc-II
MPL
BTL
MVA
Banlec
VVHA
CAA
EEL(EY Lab)
PNA
PNA
P-II
Mono1-CBK
AFO
AOL
Mouse NKR-P1C
Human Galectin-1
CC1G-1(DUT)
WGA(Seikagaku)
GSL-I
VGA
GSL-I (EY Lab)
WGA mutant
TbFB
SCA
GNA
WGA

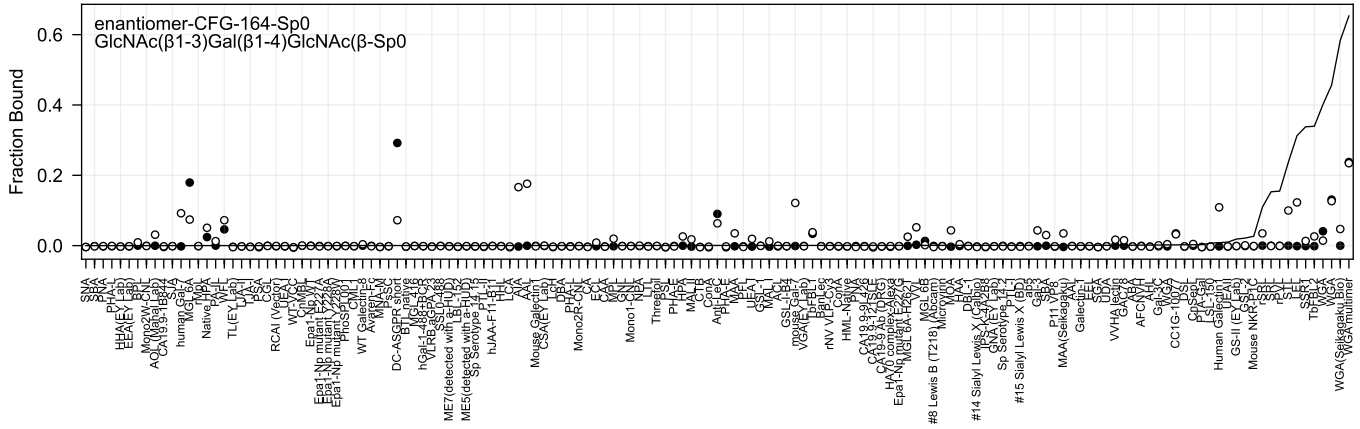

enantiomer-CFG-159-Sp14
GlcNAc(β1-6)[GlcNAc(β1-3)]GalNAc(α-Sp14
Fraction Bound
0.0
0.1
0.2
0.3

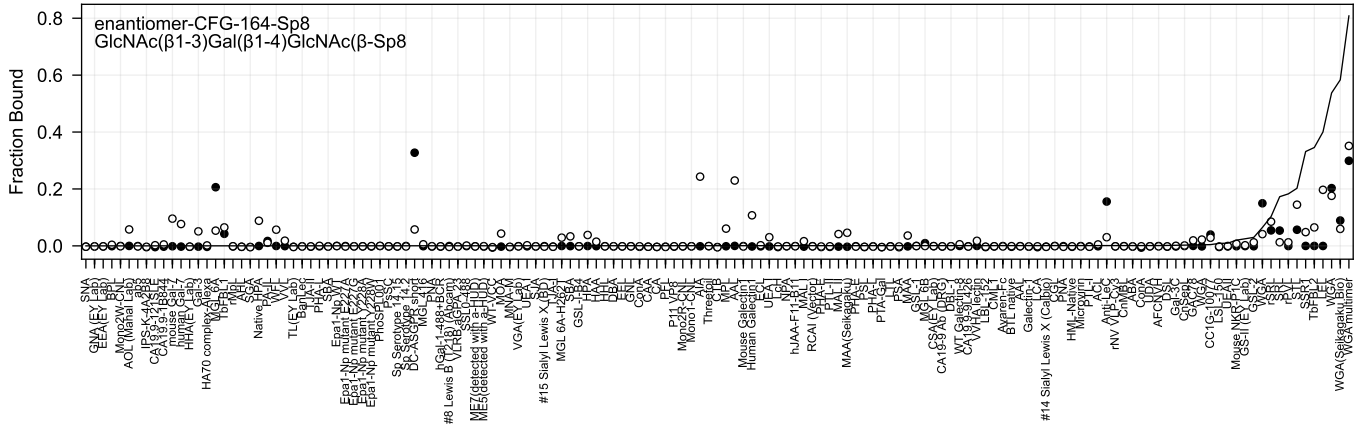

enantiomer-CFG-161-Sp8
GlcNAc(β1-6)[GlcNAc(β1-3)]Gal(β1-4)GlcNAc(β-Sp8
Fraction Bound
0.0
0.2
0.4
0.6
SNA
Jacl
GNA (EY Lab)
EEA(EY Lab)
Mono2W_CNL
AOL(Fucose)
TPA(Tn) Lab
mouse Gal-3
human Gal-3
VVHA lectin
HA70 compact
MGL 6A
CBA-Bd
MGL 6B
Rnpt
Native PHA
PNA
VVL
VVA
TL(EY Lab)
HHA(EY Lab)
PHA-L
PHA-E
SBA
Epa1-Np WT
Epa1-Np mutant
mouse Sialoadhesin
CA19-9 Ab (OMG)
CNSegl
Galectin-7
Sp Serotype 14-12
Sp Serotype 14-13
BYL(native)
#14 Sialyl Lewis X (Calbio)
#8 Lewis B (12-18) (Abcam)
INV(Abcam)
ME7(detected with a-Hu)
SSL1-488
LSL-156
ME5(detected with a-Hu)
MOA-N
VGA(EY Lab)
SPA
#15 Sialyl Lewis X
EBA
MGL 6A-Hu
GSL-I
LCA
LCH
Mono1_CNL
GSL-A4
ACA
CSA(EY Lab)
ABA
TKA
DBA
DSL
SSL
CoPA
Galectin-1
CAA
Mono2R_CNL
Mouse Galectin-1
NPA
PNA
PHA-E
PTA-Gal
Human Galectin-1
WGA(1)
CoPA
PTL-I
MAA(Sekagaku)
RCA(EY Lab)
PHA-E
MAL
MAA
UEA-1
HML-Native
UEA-1
TdFBP
AGL
Epa1-Np mutant E227A
CA19-9-488
CA19-9-488-FC3
CA19-9-128
CA19-9-121
SLE
UEA-1
WT Galectin-7
WPE
abo
Thy-1
CaMBL
VLRB.1-488
hGal-7-488-FC3
Epa1-Np mutant Y302A
RJAA-F1-B11
PHA-L
MGL 4B
CGL
Epa1-Np mutant Y302F
CTB
DC-ASGPR
SSL
WGA
AFCNGM
CC (WT-1)
ABA
P11
LEAI
Mouse NetG
GSL-I (EY Lab)
CSP-2
PNA
SPA
SBT
TdFBP
SSL1
GSL-A4
WGA
WGA(Sekagaku)
WGA(Biol)
WGA-multimer

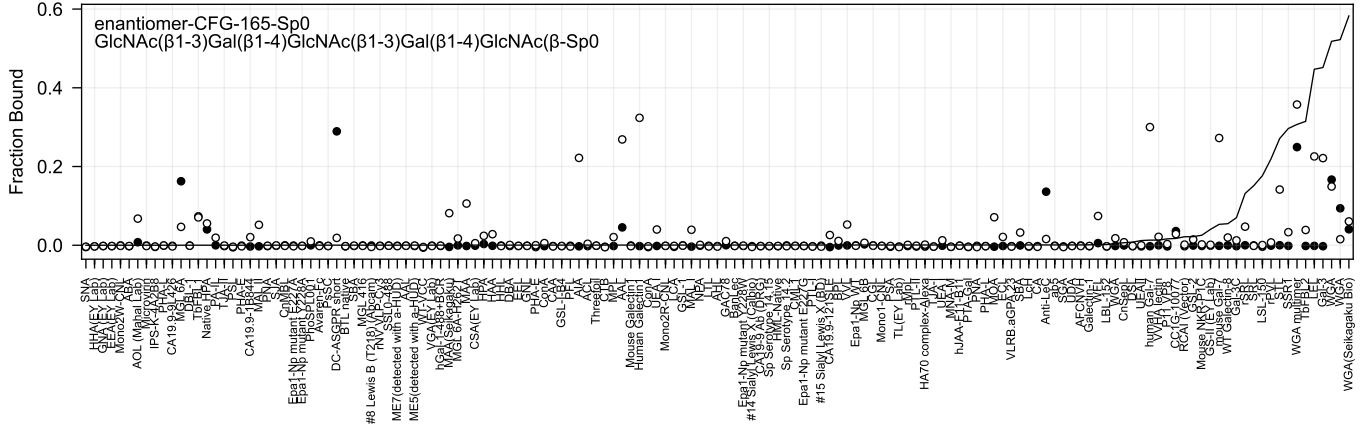

enantiomer-CFG-162-Sp8
GlcNAc(β1-3)GalNAc(α-Sp8
Fraction Bound
0.6
0.4
0.2
0.0
SNA
UEA1
SBA
GNA (EY Lab)
Mono2W_CNL
IPS-K-4_PBS
mouse Gal-3
GalC
VVHA lectin
SJA
Native-PPA
WFL
VVL
TL(EY Lab)
vGA(EY Lab)
WGA
MOA
Cn-Np WT
Epa1-Np mutant
Epa1-Np mutant E227A
Epa1-Np mutant Y228A
PhoSC_CNL
WT Galectin-3
Galectin-3
Galectin-1
#15 Sialyl Lewis X (Tbd)
hGal-1-488-BCR
#8 Lewis B (Tbd)
ANV-VPB-Cy3
SSL1-488
ME7(detected with a-H UDL)
WT MNA-M
MNA-M
hJAA-F-1
EEL
PHA-E
PHA-L
GSL-I-B4
ACA
CAA
Mono2R-CNL
DSL
NPA
GalNAc
MAL
CGB
UEA1
ConA
Human Galectin-7
MAL I
Mouse Galectin-7A
PNA
DBA
MAA(Seikagaku)
SNA
TbFBA
Sp Serotype 1-2
Sp Serotype 1-4
human Galectin-7
BTL
Epa1-Np mutant Y228F
CA19.9-1-FSCS
CA19.9-1-488
#14 Sialyl Lewis X (Calbio)
SSA
HA70 complex(Alexa
VEL-488-Cy3
HMA-488-Cy3
UDA
PTL
PSL
Mono1-CNL
PL
PSA
Mucin(Bovine)
CA19.9-PBS
AFP-SNV14
AFP-SNV14
PHA-L
Threepol
EEL
CSA(EY Lab)
RCA(Vector)
Mouse NKR-P1C
PsSC
PNA
HHA
LBL-162
Aleuria-PD
Aleuria-FD
WGA
GNA
PTA
AOL (Marine Lab)
Sp Serotype 14-Bp
EEA(EY Lab)
DBL-1
WGA(Vector)
CA19.9(Vector)
ANP
MOA
CA19.9 Ab (BCR-C)
MGL 6A-PE(BD)
ME5(detected with a-H UDL)
Gal-1
GS-II (EY Lab)
WGA(Seikagaku)
Mucin(Bovine)
AnnB-Lab
ABA
UEA1
DC-ASGPR
SJCT
CAA
DSL
DBL-1
GNA
PNA
SBL
TbFBA
SNA
SNA
AIA

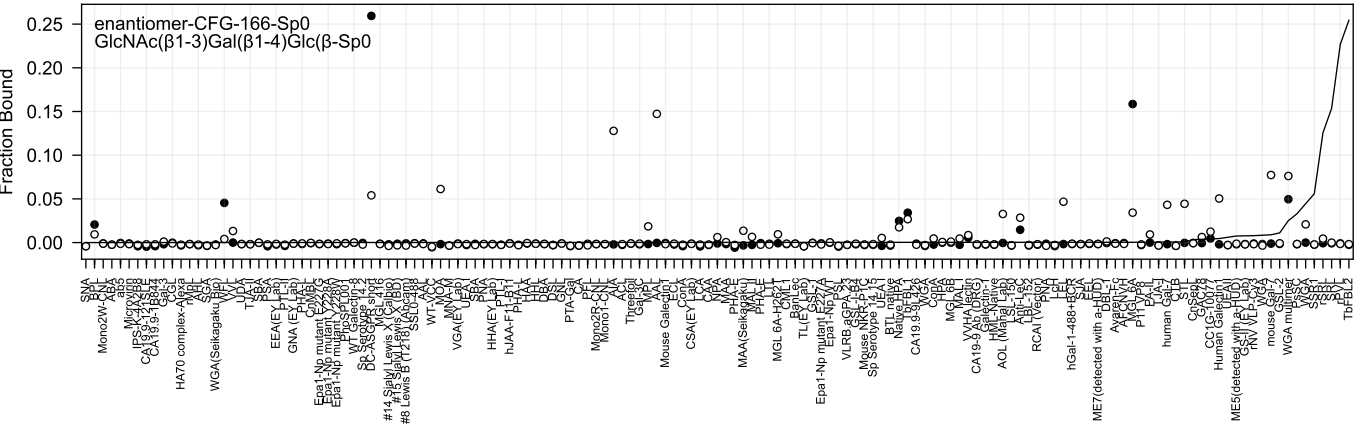

enantiomer-CFG-162-Sp14
GlcNAc(β1-3)GalNAc(α-Sp14
Fraction Bound
0.4
0.2
0.0
SNA
SNA
PNA
PNA
PNA
PNA (EY Lab)
GNA (EY Lab)
GS-II (EY Lab)
ABA
ABA
Mistletoe Lectin
IPS-1 (Axxora)
CA19-9-BSA
human IgG
SJA
SJA
HA70 complex
Con A
Con A
MGL-68
CC1G-1
Con A
Native SBA
SBA
WGA(Seikagaku, Bio)
WGA
WGA
UDA
UDA
WGA multimer
WGA
VGA(EY Lab)
VGA
Con A
Epa1-Np WT
Epa1-Np mutant E227A
Epa1-Np mutant Y228A
Epa1-Np mutant Y228A
WT Galectin-1
Galectin-1
Galectin-3
Galectin-8
Galectin-9
Sp Serotype 14 1-5
Sp Serotype 14 1-5
DC-SIGNR short
DC-SIGNR
hGal-1-488-BSA
hGal-1-488-BSA
#15 Sialyl Lewis X (Calbiochem)
#8 Lewis B (V-Labs)
#8 Lewis B (V-Labs)
HMGB1
HMGB1
VLRB.aGPA
VLRB.aGPA
ME7(detected with SLH-06)
ME7(detected with SLH-06)
LBL-162
ME5(detected with aLD-01)
ME5(detected with aLD-01)
WGA-Cy3
WGA-Cy3
LCA
LCA
hJAA-F11-B11
SBA
SBA
LEA
LEA
HPA
HPA
DSL
DSL
GNL
GNL
Gal-1
Gal-1
CAA
CAA
NPA
NPA
PEL
PEL
AAL
AAL
Threefoil
Gal-3-LP
Gal-3-LP
WGA
WGA
ACA
ACA
Mouse Galectin1
Human Galectin1
ECL
ECL
Monoz2R-CGL
CGL
DBL
DBL
PHA-E
PHA-E
PWA-E
PWA-E
PSA
PSA
MVA
MVA
RCA
RCA (Vector Lab)
PHA-L
PHA-L
MAA(Seikagaku)
MAA
PHA-L
PHA-L
AOL (Mabel Lab)
AOL (Mabel Lab)
CA19-9-BSA
CA19-9-BSA
CnSerpin
CnSerpin
Mal-Ex
Mal-Ex
Epa1-Np mutant Y228F
Epa1-Np mutant Y228F
MGL-BA-1-2B21
MGL-BA-1-2B21
Sp Serotype 1-5
Sp Serotype 1-5
EEA (EY Lab)
EEA (EY Lab)
Mouse NRR-PSC
MOA
MOA
#14 Sialyl Lewis X (Calbiochem)
MGL-418
VVHA lectin
VVHA lectin
Mono2N-CGL
Mono2N-CGL
CA19-9-BSA
CA19-9-BSA
GSL-I-B4
GSL-I-B4
Mono-CRL
Mono-CRL
CMA
CMA
HHA(EY Lab)
HHA(EY Lab)
DBL-1
DBL-1
NV-VLP-B-3-2
NV-VLP-B-3-2
CA19-9-12-BSA
CA19-9-12-BSA
Gal-3
Gal-3
P11
P11
VFA
VFA
PEAI
PEAI
PhoSH
PhoSH
HOL
HOL
CGA
CGA
GAC78
GAC78
RIBE
RIBE
SRL
SRL
TxB
TxB
TSSST
TSSST
AIA
AIA

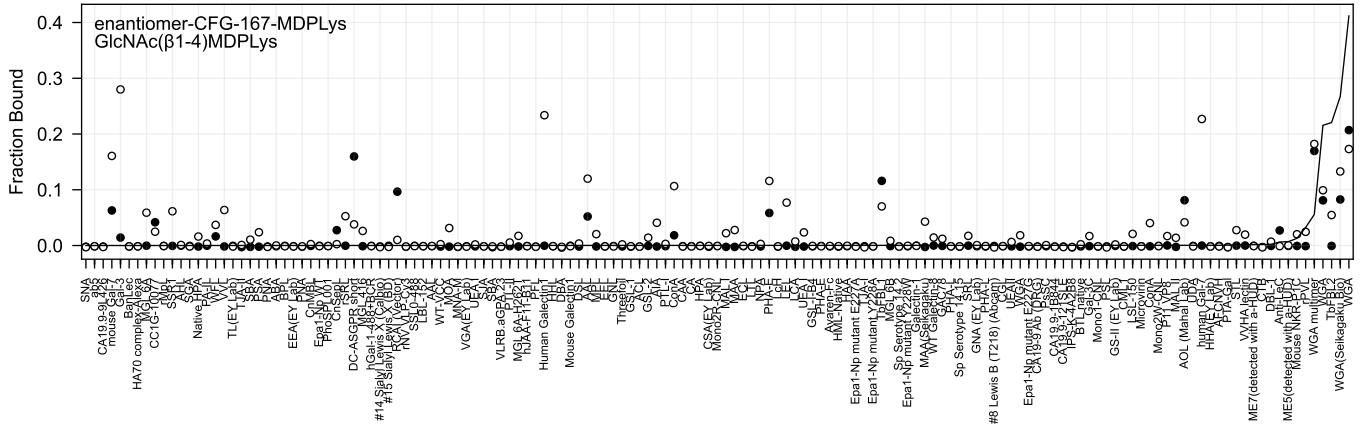

enantiomer-CFG-163-Sp8
GlcNAc(β1-3)Gal(β-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
SNA
PNA
HPA(EY Lab)
EEA(EY Lab)
BPL
Mono2W-CNI
ABA
AOL (Mahal Lab)
Microvilin
UPS 6-1A-258
CA19.9 - 1A-116
PNA
CA19.9 - 6B-14
Ban Lec
WVA
WGA multimer
WGA monomer
HA70 complex
DBA
Ara-f
Ach
Native PPA
WGA(Seikagaku Eq)
PCA
mouse Gal-1
SBA
UEA-I
CVN
Epa1-Np mutant 1-2
Epa1-Np mutant 2-2A
Epa1-Np mutant 2-2B
Epa1-Np mutant Y-229A
PhoSL
CNU
Avaren
Avaren-Fc
Sp Serotype 14.2
Sp Serotype 19F
Galectin-1 (Lab)
#14 Sialyl Lewis X (Calbio)
#8 Lewis B (Y-218) (Akagan)
ME7(detected with α1-Gal)
ME5(detected with α1-Gal)
WT-Gal-1
MOA
MNA
TL(EY Lab)
MGL 6A-H2021
EEL
NPA
LEL
LCA
GSL I(EY Lab)
CSA(EY Lab)
HSL
GSL-I
CoA
Mono2R-CNI
Mono1F-CNI
ACL
Mouse NKR-P1C
Human Gal-3C
WGA
AAT
DSA
Mouse Galectin-1
MAA
hAAA-F11-B11
RCA I (Vector)
PSA
Fuc-B
PHA-E
MAL II
SBA
BSL
PSL
PNA
PTA
BS-I-A4
LJA
SSL I (Lab)
DFBP-1
CA19-9 Ab (Calbio)
ECL
CGL
COA
R-11-VP8
HML-HPA
PNA
WT Gal-1
Gal-4-F8
Epa1-Np mutant 1-2
Gnl
VGA(EY Lab)
WFL
PPL
CA19.9 - 1A-116
Sp Serotype 14.15
Gal-3
Gal-7
BTL
CVA
GNA (EY Lab)
VERA (EY Lab)
NPA
MAA(Seikagaku)
INVVLEX
SJL
GSII (EY Lab)
CCG (Lab)
ACG
GAL-8
SSA
SSBY
Ang-Lec
Human Galectin-1
MVL
rSL
SSL
SSL-I
Tb-BL2

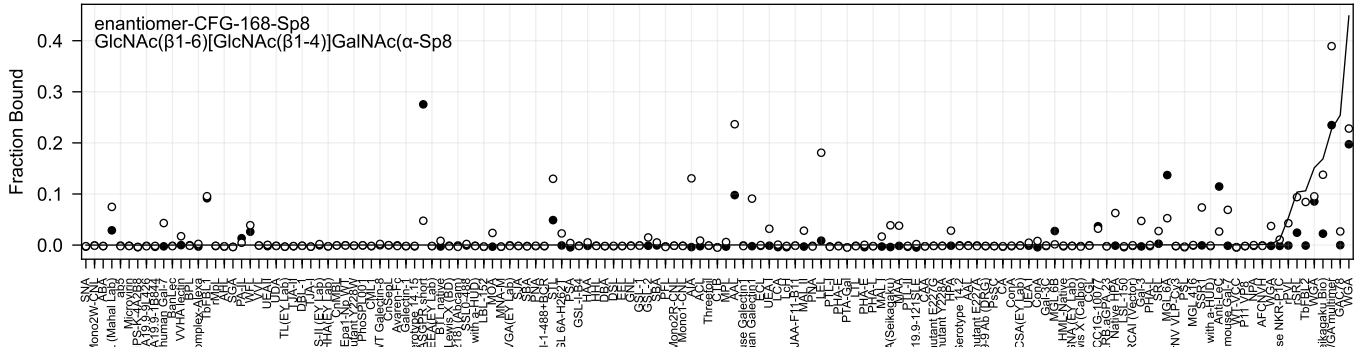

enantiomer-CFG-164-Sp0
GlcNAc(β1-3)Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.0
0.2
0.4
0.6
SNA
PNA
DBA
PWA
HHA(EY Lab)
EEA(EY Lab)
BPL
Mono2W-CNL
ACA(Vector)
CA(Vector)
GSL-I
human Galectin-3
MGL6A
LMA
Native PHA-L
PAL
TL(EY Lab)
LCA
PSA
RCA
RCAI (Vector)
DEAE
WFA
CnMBL
WGA
Epa1-Np mutant Y229A
Epa1-Np mutant Y229F
Epa1-Np mutant F229A
Epa1-Np mutant F229Y
PhoSL
WT Galectin-1
CNL-4
Avenin-F2
PhoSM
DC-ASGPR short
DC-ASGPR
MGL-2418
hGal-1-Sepharose
hGal-3-Sepharose
SSLD-488
SSLD-Dy
ME7(detected with LEL-D)
ME5(detected with a-Tu-D)
Sp Serotype 14-Tu
hJAA-F
LTA
LCK
AAL
Mouse Galectin-1
CSA(EY Lab)
TSA
DBA
P-CNL
Mono2R-CNL
ECL
ECA
MAA
SNL
SNA
NPA
Mono1-CNL
Thera-Bul
PSL
PTA
HPA
MAL-II
CoPA
Arc-FCE
PHA-E
MAA
UEA-I
UEA-II
GSL-I
ACL
GSL-I-B4
mouse Galectin-9
VGA(EY Lab)
BanLec
nVV VEGF
CoCyA
HML-Native
CA19.9-9.206
CA19.9-2.206
CA19.9-2.206-SLE
HA-70 complex-Alexa
Epa1-Np mutant F229Y
MGL2 wt
CVN
#8 Lewis B (T218) (AGcam)
MicrKVCP
EAA
#14 Sialyl Lewis X (CBB)
Sp Serotype 14
#15 Sialyl Lewis X (BD)
aGS
SBA
PI11-VP8
MAA(Seikagaku)
Galec-1
UEA-I
SJA
SGA
VVHA
Jacalin
GNA
AFCN
GalNAc
GalC
CC1G-1
WGA2
WGA3
DSL
PNA-Sal
LSL-156
Human Galectin-1
GS-II (EY Lab)
Mouse NKR-P1C
SSL
SBL
PVL
TEL
SSA-1
TdGN
WGA
WGA(Seikagaku)
WGA(multimer)

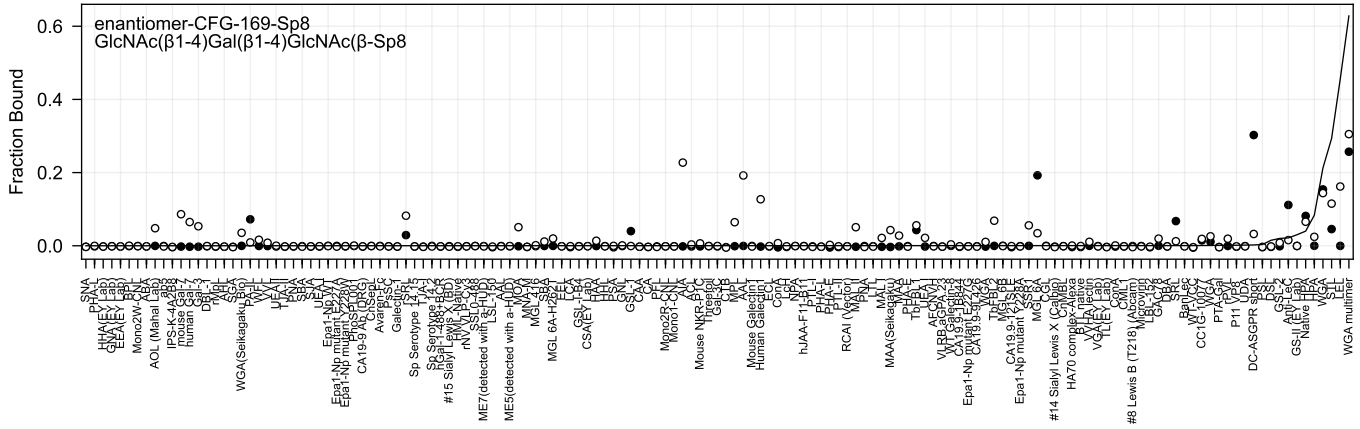

enantiomer-CFG-164-Sp8
GlcNAc(β1-3)Gal(β1-4)GlcNAc(β-Sp8
Fraction Bound
0.8
0.6
0.4
0.2
0.0
SNA
SNA (Bah)
GNA (EY Lab)
EEA (EY Lab)
Mono2W-CNL
AoL (Manal Lab)
IPSc-LA-488
CA19-9-488
CA19-9-PE
mouse Gal-7
HHA(EY Lab)
Galectin-3
HA70 complex
Galectin-8
TdGL
PNA
SBA
Native-PNA
WFA
VVL
Vicia villosa
TL(EY Lab)
Ban (Ley)
PHA-E
PHA-L
SBA
Epa1-Np
Epa1-Np mutant E227Q
Epa1-Np mutant Y228Q
Epa1-Np mutant Y228Q
PhoS-PsaG
PhoS-PsaG
Sp Serotype 14-13
Sp Serotype 14-13
DC-SIGNR shed
MGL-488
MGL-488
hGal-1-488+BCR
VCRB (Lectin-1)
SSL7-488
SSL7-488
#8 Lewis B (EY Lab)
MEZ(detected with a-TUD)
MEZ(detected with a-TUD)
WTA
WOX
VGA(EY Lab)
MVA-M
MVA-M
#15 Sialyl Lewis X (EY Lab)
MGL 6A-H-488
MGL 6A-H-488
GSL-I-B4
GSL-I-B4
EAA
DBA
EEL
ECL
CAA
PSA
PEF
P11-CNL
Mono2R-CNL
Mono1-CNL
Threonin
KDB
AAL
Mouse Galectin1
Human Galectin1
UEA1
UEA1
TJA-I
TJA-II
hJAA-F11-488
RCAI (Ricinus)
MAL I
MAL II
MAA(Seikagaku)
MAA(Seikagaku)
BS-I
PNA-Gal
PNA-Gal
PNA
MAA
GSL-I
GSL-I
CSA(EY Lab)
MEL(EY Lab)
CA199 Ab (DRG)
WT Galectin-8
CV-N (Alexis)
VVA (Alexis)
LBL-M-488
Avarem-Fc
BTL native
Galectin-1
Galectin-7
#14 Sialyl Lewis X (Calbio)
PGL
HML-Native
Micropurin
ACL
rNV Vp4-Fc
CNBL
CNBL
CoPA
AFCNA
DSL
GSeq
GSeq
GVA3
GVA3
CC1G-10077
LS
DEAU
Mouse NES-FC
GSL-I (EY Lab)
GSL-I
VVA
SNA
SSL7
STL
STL
TdGL
TEL
WGA(Seikagaku)
WGA(Biotin)
WGA-multimer

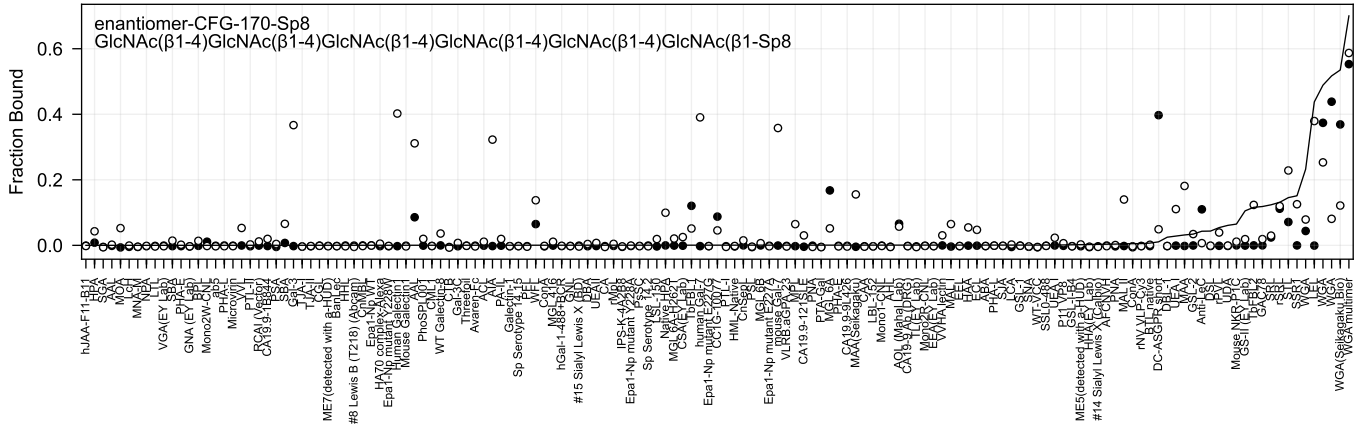

enantiomer-CFG-165-Sp0
GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.6
0.4
0.2
0.0
SNA
SNA (Lab)
HHA(EY Lab)
GNA (EY Lab)
Mono2W-CNL
AOL (Mahal Lab)
IPS-PAP
Microvirin
PHA-E
CA19.9-Lab
CA19.9-Lab_125
Man-1
Man-2
Man-3
Man-4
Man-5
Man-6
Man-7
Man-8
Man-9
Man-10
Man-11
Man-12
Man-13
Man-14
Man-15
Man-16
Man-17
Man-18
Man-19
Man-20
Man-21
Man-22
Man-23
Man-24
Man-25
Man-26
Man-27
Man-28
Man-29
Man-30
Man-31
Man-32
Man-33
Man-34
Man-35
Man-36
Man-37
Man-38
Man-39
Man-40

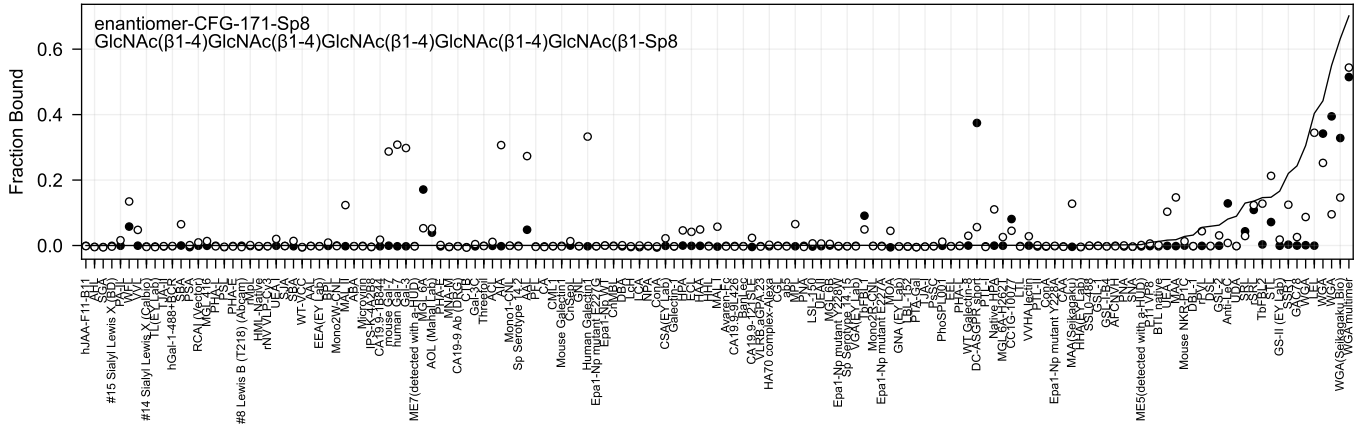

enantiomer-CFG-166-Sp0
GlcNAc(β1-3)Gal(β1-4)Glc(β-Sp0
Fraction Bound
0.25
0.20
0.15
0.10
0.05
0.00
SIA
SIA
Mono2W-CNL
ABL
abs
Mono2W
IPS-Mono2W
CA19.9-1-SLE
CA19.9-1-SLE
Gal-3
Gal-3
HA70 complex-Asc
HA70
SSA
WGA(Seikagaku, Bip)
WV
WV
TJA
UDA
SBA
SBA
EEA(EY Lab)
EEA
PTL-I
GNA (EY Lab)
PHA-E
Epa1-Np mutant Y228A
Epa1-Np mutant Y228A
Epa1-Np mutant Y228A
BtuSP-L001
WT Galectin-3
SC-ASGPR short
SC-ASGPR short
#14 Sialyl Lewis X (Glycotech)
#15 Sialyl Lewis X (Bio)
#8 Lewis B (12-16 mer)
SSL0-488
WT-ACE
ACE
MOA
MOA
VGA(EY Lab)
UEA
UEA
PNA
PNA
HHA(EY Lab)
hJAA-F1-B11
PHA-L
PHA-L
DBA
DBA
DSL
DSL
PTA-Gal
PC
Mono2R-CNL
Mono1-CNL
ACL
ACL
Tomato
Gal-9
MPL
Mouse Galectin-1
CCL
CCL
CSA(EY Lab)
CSA
CAA
CAA
NPA
NPA
PHA-E
PHA-E
MAA(Seikagaku)
MAL-I
PHA-L
PHA-L
MGL 6A-H261
MGL
BCL
TL(EY Lab)
Epa1-Np mutant E227A
Epa1-Np WT
VLRB aGP-23
VLRB aGP-23
Mouse NRR-PTC
Sp Serotype 14 LS
BTL native
BTL native
Native BTA
CA19.9-3-SLE
CA19.9-3-SLE
CGA
CGA
HPA
HPA
MGL
MGL
VVA
VVA
CA19-9 AbD
CA19-9 AbD
Galectin-1
Galectin-1
HPA (Matrix Lab)
AOL (Matrix Lab)
SSL-150
SSL-150
TBL-152
TBL-152
RCA I (Vector)
RCA
LEL
LEL
hGal-1-488+BCR
hGal-1
EA
EA
ME7(detected with a-HUD)
ME7
AyaBP1-Fc
AyaBP1-Fc
ACRNVA
ACRNVA
P11-VP8
P11-VP8
CAA2
CAA2
human Gal-7
human Gal-7
SJT
SJT
Cg2-488
Cg2-488
CC1G-10677
CC1G-10677
Human Galectin-1
Human Galectin-1
DPA
DPA
ME5(detected with a-HUD)
ME5
CNV VLP-Cy3
CNV VLP-Cy3
VGA
VGA
mouse Galectin-1
mouse Galectin-1
WGA mutant
WGA mutant
GSL-2
GSL-2
SSA
SSA
SSB
SSB
BOL
BOL
TbFBL2

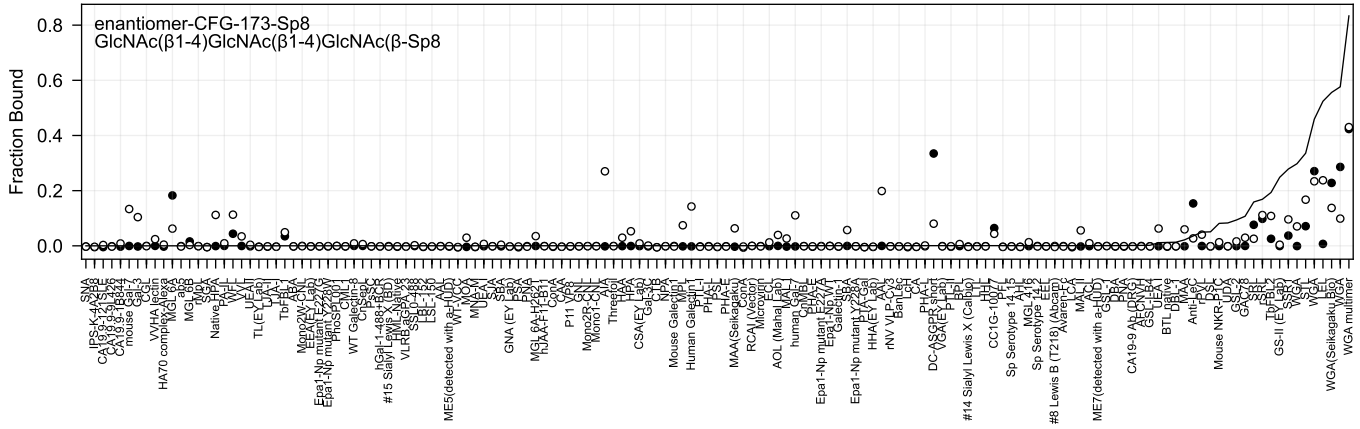

enantiomer-CFG-167-MDPLys
GlcNAc(β1-4)MDPLys
Fraction Bound
0.4
0.3
0.2
0.1
0.0
SNA
SNA
CA19.9-0.428
mouse IgG
Gal-3
Bal
Bal-Lec
HA70 complex
WGA
CC1G-1(Inv)
SSA
SSA1
Native PCA
WFL
WFL
TL(EY Lab)
TL
PSA
PSA
ABA
BPL
PNA
PNA
EEA(EY Lab)
EEA
Epa1-Nn
Epa1-Nn
ProSP-001
CnL
SSBL
DC-ASGPR short
DC-ASGPR
#14 Sialyl Lewis x (Y-Biotech)
hGal-1-488-PCR
#15 Sialyl Lewis x (Y-Biotech)
RCA (Vector)
RCA
NVJ (Vector)
SSL-7
SSL-7
LBL-A32
LBL
WT-VCC
WT-VCC
MVA
MVA
VGA(EY Lab)
VGA
SJA
SJA
VLRB.aGPC-1
VLRB.aGPC-1
MGL 6A-F1-F1
MGL 6A-F1-F1
HGA A-F1-F1
HGA
Human Galectin-1
Human Galectin-1
BDL
BDL
Mouse Galectin-1
Mouse Galectin-1
DSL
DSL
ABL
ABL
MBL
MBL
GNL
GNL
Tricaelol
Tricaelol
SNCL
SNCL
GSL-I
GSL-I
PTL-I
PTL-I
CVA
CVA
HCA
HCA
GSA(EY Lab)
GSA
Mono2(Vector)
Mono2
MAA
MAA
ECL
ECL
NPA
NPA
PhA
PhA
LCA
LCA
LEL
LEL
UEA-I
UEA-I
GSL-IV-A
GSL-IV-A
PHA-E
PHA-E
PHA-L
PHA-L
Avelumab-c
Avelumab-c
HPA
HPA
Epa1-Np mutant E227A
Epa1-Np mutant E227A
Epa1-Np mutant Y268A
Epa1-Np mutant Y268A
MCL-1B
MCL-1B
Sp Serotype 22F
Sp Serotype 22F
Epa1-Np mutant Y268A
Epa1-Np mutant Y268A
Galectin-1
Galectin-1
MAA(Seikagaku)
MAA
Sp Serotype 14
Sp Serotype 14
GNA
GNA (EY Lab)
GNA
Sp Serotype 12 A-15
Sp Serotype 12 A-15
Sal
Sal
PA-IAL
PA-IAL
#8 Lewis B (T218) (Abcam)
Lewis B
UEA-II
UEA-II
Epa1-Np mutant E227G
Epa1-Np mutant E227G
CA19.9 Ab (Biosid)
CA19.9 Ab
CA19.9-1-PB24
CA19.9-1-PB24
CA19.9-1-A2B8
CA19.9-1-A2B8
IPS-1-4-A2B8
IPS-1-4-A2B8
BTL
BTL
Chaetoc
Chaetoc
Mono1-CnL
Mono1-CnL
GS-II (EY Lab)
GS-II
LSL
LSL
Microvirin
Microvirin
Mono2(VCC)
Mono2(VCC)
P1(VLRB)
P1(VLRB)
AOL (Mahal Lab)
AOL
human Galectin-7
human Galectin-7
HHA
HHA
PA-IIL (EY Lab)
PA-IIL
PTA-Gal
PTA-Gal
STL
STL
VVHA
VVHA
ME7(detected with a-HUD)
ME7
DSL-1
DSL-1
Anti-LEC
Anti-LEC
ME5(detected with a-HUD)
ME5
Mouse NKR-P1C
Mouse NKR-P1C
rPVL
rPVL
WGA mutant
WGA mutant
WGA
WGA
Tha
Tha
WGA(Seikagaku)
WGA

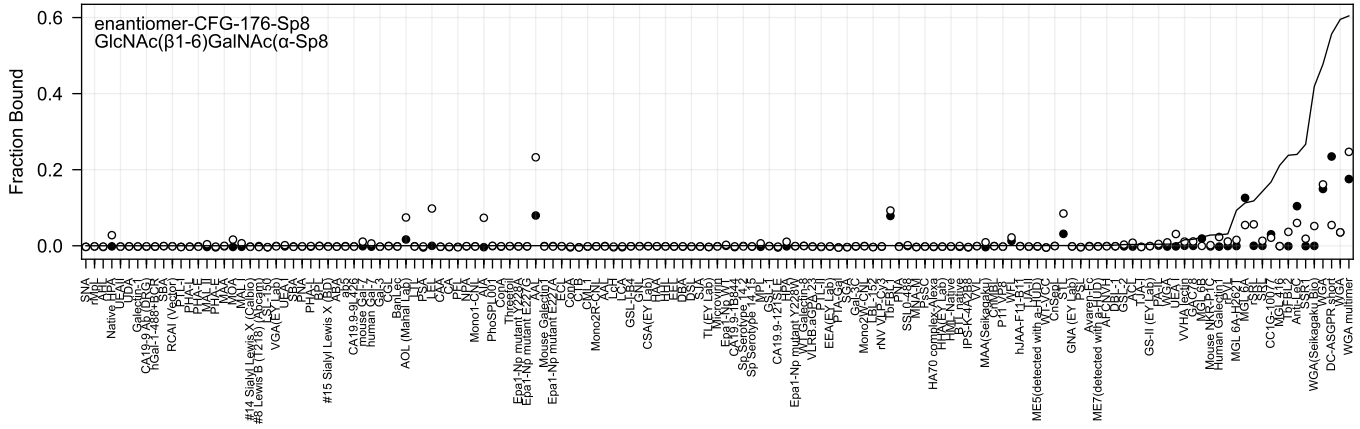

enantiomer-CFG-168-Sp8
GlcNAc(β1-6)[GlcNAc(β1-4)]GalNAc(α-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
0.4
SNA
Mono2W-SNA
LEA
AOL (Mahal
aHS
Mcyxvi8
Mcyxvi9
JFS-1-4328
CA19.9-4328
human Gal-7
VVHA
Ban Lec
BPL
HA70 complex
Tc-Lec-4
TNL
SGA
PAL
VVL
UEA
TL(EY Lab)
DBL-1
GSII (EY Lab)
HHA(EY Lab)
Epa1-Np mutant
Epa1-Np WT
Epa1-Np mutant S228W
Fc-SIGNR1
WT Galectin-8
Avaren-Fc
Galectin-1
Sp Serotype 14 1-5
DC-SIGN (short)
BJL (native)
#15 Sialyl Lewis X (Calbiochem)
#8 Lewis B (Y12-81) (Acam)
ME7(detected with a-TUD)
LBL-1
VGA(EY Lab)
MVA
SBA
SNA
hGal-1-488+BNA
S11
MGL 6A-HRP
GSL-I B4
GSL-I A4
HPA
DBA
EEL
ECL
GSL-I A2
BP
Monoc2R-CNL
Monoc1-CNL
ACA
Threalpa
KPB
AAL
Mouse Galectin1
Human Galectin1
UEA1
UEA2
LCA
hJAA-F11-B1
MAL II
MAL
PNA
PHA-E
PHA-L
PTA-Gal
RCA
PHA-E
PHA-L
MAA
MAA(Seikagaku)
PWA
CA19.9-121SLE
PWM
Epa1-Np mutant E227G
Epa1-Np mutant Y228A
Sp Serotype 1 1-2
Epa1-Np mutant E227A
CA19.9 AB (DSHB)
PsA
CX
Con A
UEA1
CSA(EY Lab)
Gal-3
Gal-3B
HMGB1
MGL6B
GNA (EY Lab)
#14 Sialyl Lewis X (Calbiochem)
CG1-1007
VEL-1-150
Native hEG
RCA I (Vector)
Gal-1
PSL
SSL
rNV VLP
MGL6A
PSA
MGL-6A
ME5(detected with a-TUD)
mouse Gal-7
mouse Gal-1
PTL
AFCVGA
Mouse NKR-P1C
PTC
ISL
Tb-Lec2
Tb-Lec1
WGA(Seikagaku)
WGA(Biot)
WGA(Vector)
WGA

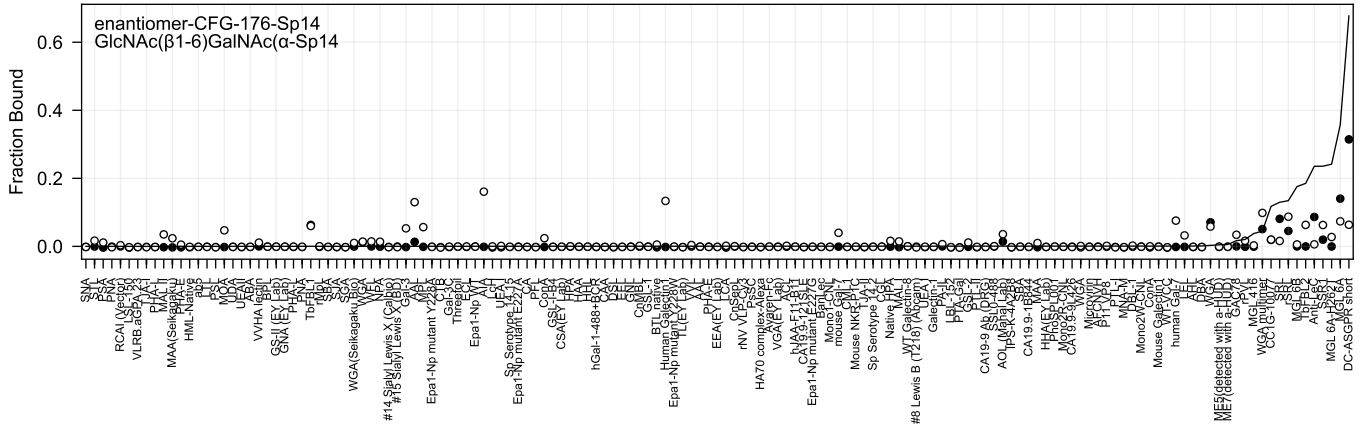

enantiomer-CFG-169-Sp8
GlcNAc(β1-4)Gal(β1-4)GlcNAc(β-Sp8
Fraction Bound
0.6
0.4
0.2
0.0
SNA
PNA
HNA(EY Lab)
GNA(EY Lab)
EEA(EY Lab)
RCA
Mono2W-CNL
ABA
AOL (Mahal Lab)
IPS-K-4A2B3
mouse Gal-7
human Gal-7
Dol-1
TVL
SJA
WFL
UEA-I
PHA-L
SBA
LEA
UEA-II
Epa1-Np 077
Epa1-Np mutant Y229A
CA19.9 9-SSEA3
CA19.9 9-SSEA3(DG)
Ac(Sialyl)
Avarrhin
Galectin-1
Sp Serotype 14 PS
Sp Serotype 14 PS
Sp Serotype 14 PS
hGal-1-488-BCS
EWL Lectin
#15 Sialyl Lewis X (Calbiochem)
rNS(LT)-C48
ME7(detected with a-HUD)
LSL-A80
ME5(detected with a-HUD)
MNA-M
MGL-488
MGL 6A-H-2B2
ECA
GSL-I B4
GSL-I A4
CSA(EY Lab)
HAA
BSL
SNL
GNA
SJA
PCA
Mono2R-CNL
Mono1-CNL
CVN
Mouse NKR-BCL
Thrombospondin
Galectin-1
MPL
Mouse Galectin-1
Human Galectin-1
CorA
NPA
hJAA-F11-B11
PHA-E
PHA-L
RCAI (Vector)
MOR
BNA
MAL
MAA(Seikagaku)
WGA
PNA
TBT-1
PHA-E
AFCNV-1
VVRA-aGPA-23
CA19.9 9-SSEA3
Epa1-Np 077
CA19.9 9-SSEA3
TKH-2
MGL-PB
CA19.9 9-SSEA3
Epa1-Np mutant Y229A
MGL-PB
MGCA
#14 Sialyl Lewis X (Calbiochem)
HA70 complex-Alexa
VRA (native)
VGA (EY Lab)
TLEL (Vector)
CorA
Microvirin
LSA-CBB
QBA
#8 Lewis B (T218) (Abcam)
Banlec
CC16-1-UVA
WGA
PTL
PNA
P11
VDA
DC-ASGPR sign
DSL
GSL-2
AAL
GS-II (EY Lab)
Native
HPA
WGA
SEE
WGA multimer

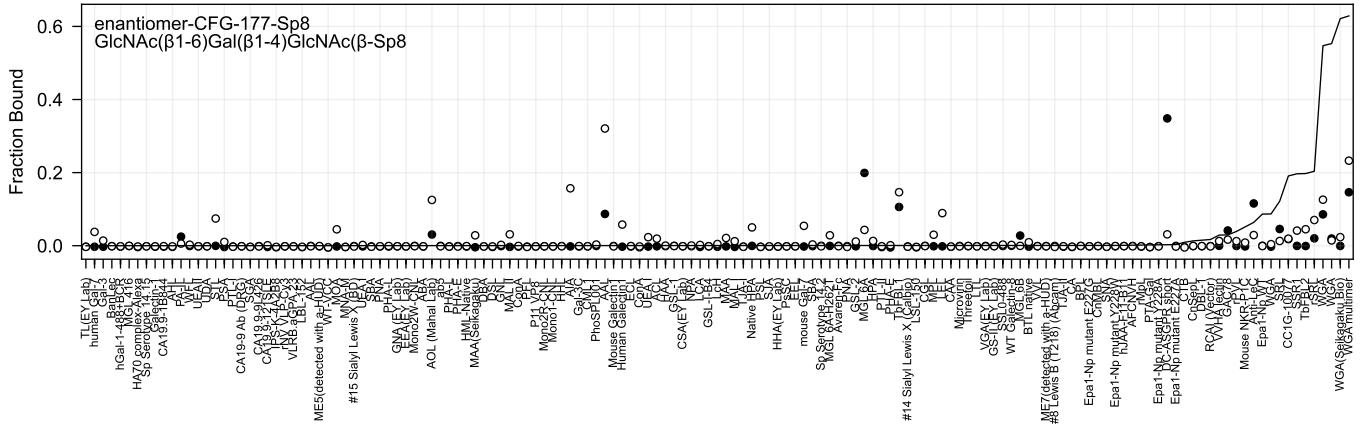

enantiomer-CFG-170-Sp8
GlcNAc(β1-4)GlcNAc(β1-4)GlcNAc(β1-4)GlcNAc(β1-4)GlcNAc(β1-4)GlcNAc(β1-Sp8
Fraction Bound
0.0
0.2
0.4
0.6
hJAA-F11-B1
SSA
SNA
MOA
MNA-G1
NEA
VGA(EY Lab)
SSB
PNA
GNA (EY Lab)
Mono2W-BNL
Pa-Ab
Microvirin
PTV-1
PTV-1
RCA(Vector)
CA19.9-1B3
SBA
GVA
TJA-I
UEA-I
ME7(detected with a-H(Ub))
Ban
HHL
#8 Lewis B (T218) (Ab/Ab)
Epa1-Np WT
Epa1-Np mutant Y268W
H70 mutant Y268W
Human Galectin-1
Mouse Galectin-1
AAL
PhoSpD-CRD
WT Galectin-8
Gal-3C
Threefoil
Avarrosyn
ACL
PAN
Galectin-1
Sp Serotype 1-1
PcE
AVFL
CGL-118
hGal-1-488 (Ab)
BOA
#15 Sialyl Lewis X (Ab)
UEA-I
MOA
IPS-K-4A288
Epa1-Np mutant Y268S
Sp Serotype 1-1
Sp Serotype 1-1
Native-HEA
MGL-CRD
CSA-EY Lab
hCEB-1
Epa1-Np mutant E397A
CCTG-1001-7
HML-Native
Cn-SBL
MGL-CRD
Epa1-Np mutant Y268A
mouse Gal-7
VLRB.aGFP
mouse Gal-7
CA19.9-12-1 SLE
PTA-Gal
MAA-Gal
CA19.9-sLe
MAA(Sekagaku)
LBL-362
Monoclonal
AOL
AOL (Wang Lab)
CA19.9 (Wang Lab)
THEY (Lab)
MEMEY (Lab)
VVHA (Ab)
WGA
EEL
EEA
ABA
PNA
SJA
GSL-A
SNA
WT SNA
sSLe-488
P11-UEA
GSL-I-B4
ME5(detected with EY Lab)
ME5(detected with H(Ub))
#14 Sialyl Lewis X (Ab/Ab)
AF-Gal
BNA
MALL
rNY-VLP-Cy3
DC-ASGPR native
DBL-1
NAA
GSL-2
Anti-Gal-3
BSL
UDA
ACA
Mouse NEC PTC
GS-II (EY Lab)
TEL-1
TEL-2
GNA
SSA
rsSBL
SSB
SSB1
WGA
WGA
WGA
WGA(Sekagaku)
WGA(Bio)
WGA multimer

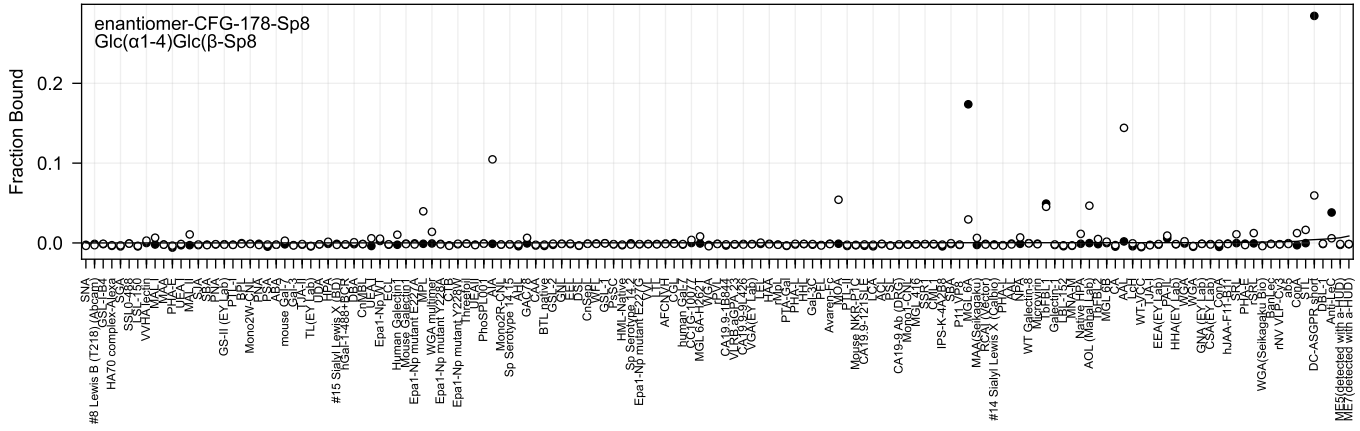

enantiomer-CFG-171-Sp8
GlcNAc(β1-4)GlcNAc(β1-4)GlcNAc(β1-4)GlcNAc(β1-4)GlcNAc(β1-Sp8
Fraction Bound
0.0
0.2
0.4
0.6
hJAA-F11 B11
#15 Sialyl Lewis X (Calbiochem)
#14 Sialyl Lewis X (Calbiochem)
#8 Lewis B (T218) (Abcam)
RCA (Vector)
hGal-1-488-BSA
ME7(detected with a-HUD)
AOL (Mab-Tech)
CA19-9 Ab (DBG)
Mono1-CNL
Sp Serotype 14-18
Mouse Galectin-1
Human Galectin-1
Epa1-Np mutant E224Q
Epa1-Np mutant N224A
CSA(EY Lab)
Galectin-4
Epa1-Np mutant Y226A
Epa1-Np mutant N224Q
Sp Serotype 14-18
VGA(Dr.Fred)
Mono2-BCNL
Epa1-Np mutant K224A
GNA (EY Lab)
PhoSPLD1
WT Galectin-3
DC-ASGPR
CCL19-10007
VVHA
Epa1-Np mutant Y226A
MAA(Seikagaku)
ME5(detected with a-HUD)
BTL (Vector)
Mouse NKR-P1C
GS-II (EY Lab)
WGA(Seikagaku)
WGA(multimer)

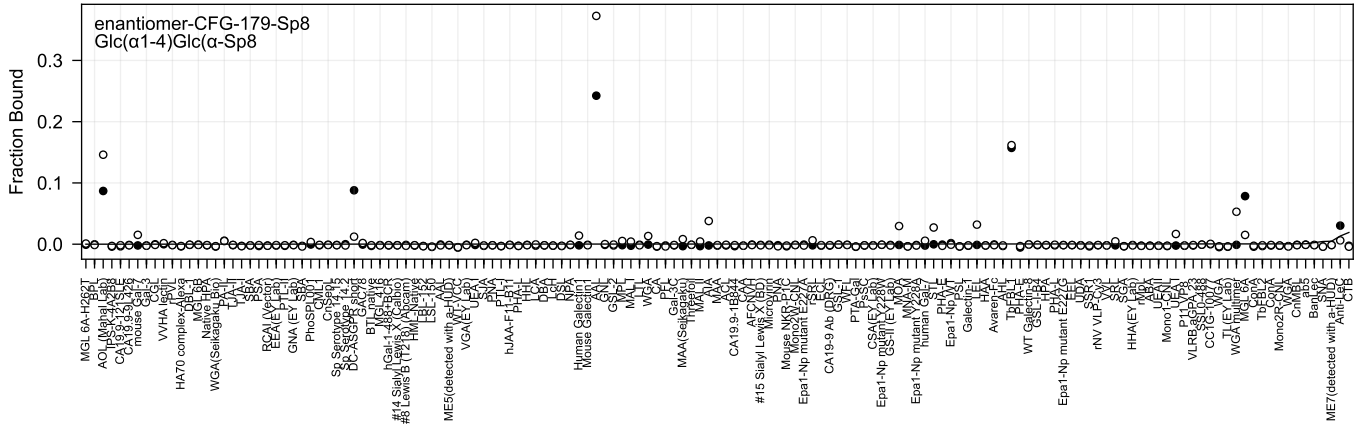

enantiomer-CFG-173-Sp8
GlcNAc(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp8
Fraction Bound
0.0
0.2
0.4
0.6
0.8
SNA
ZZB
IPS-K-A
CA19-1-2
CA19-1-TSE
CA19-1-B844
mouse Gal-3
CGL
VVHA
HA70 complex
Neisa
MGL-6B
MGL-8B
SJA
Native-PPA
WFL
UEA-II
UEA-I
TL(EY Lab)
UJA-I
UJA-II
TbP
BJA-B
BJA-A
Mono2V-CN
Mono2R-CN
EEL
Epa1-Np mutant E227A
Epa1-Np mutant Y228A
PhoSCNL
WT Galectin-8
hGal-1-488
hGal-1-488-Y
#15 Sialyl Lewis X (BD)
PsaSK
RMLec9.9.6
VLectin-488
SSL7-488
LSL-152
ME5(detected with a-Lu)
ACL
AAL
MOA
MOL
MDEA
SBA
SJA
GNA (EY Lab)
PNA
PNA
MGL-6A-H-2B1
hJAA-H-2B1
ConA
P11
VFA
SNL
Mono2R-CN
Mono1-CN
Thrombin
TJA
TJA
CSA(EY Lab)
Gal-1-S
NPA
Mouse Galectin-1
Human Galectin-1
TKA
PHA-L
PHA-E
MAA(Seikagaku)
RCA(Vector)
Microcystin
AOL (Mahal Lab)
human Vaf-1
CnMBL
Epa1-Np mutant E227A
Epa1-Np WT
Galectin-3
SSA
Epa1-Np mutant Y228A
HHA(EY Lab)
rNV VLP-2/3
Barley Lec
CA
PHA-L
DC-ASGPR short
VGA(EY Lab)
Bpl
#14 Sialyl Lewis X (Calbiq)
hLT
CC1G-10-F
Sp Serotype 14-15
MGL-4-15
Sp Serotype EEE
#8 Lewis B (T218) (Abcam)
Alaferin-CA
MAL
ME7(detected with a-Lu)
CA19-9
DBA
PNA
CA19-9-Ab (BD)
GSL-I-A4
BTL (Vector)
BTL (Calbiq)
DSA
MAA
Anti-Pep
BSL
Mouse NKR
UDA
GSL-2
GSL-4
SBL
TJA-II
TcP
GS-II (EY Lab)
SVGA
WGA
WGA
WGA(Seikagaku)
WGA
WGA multimer

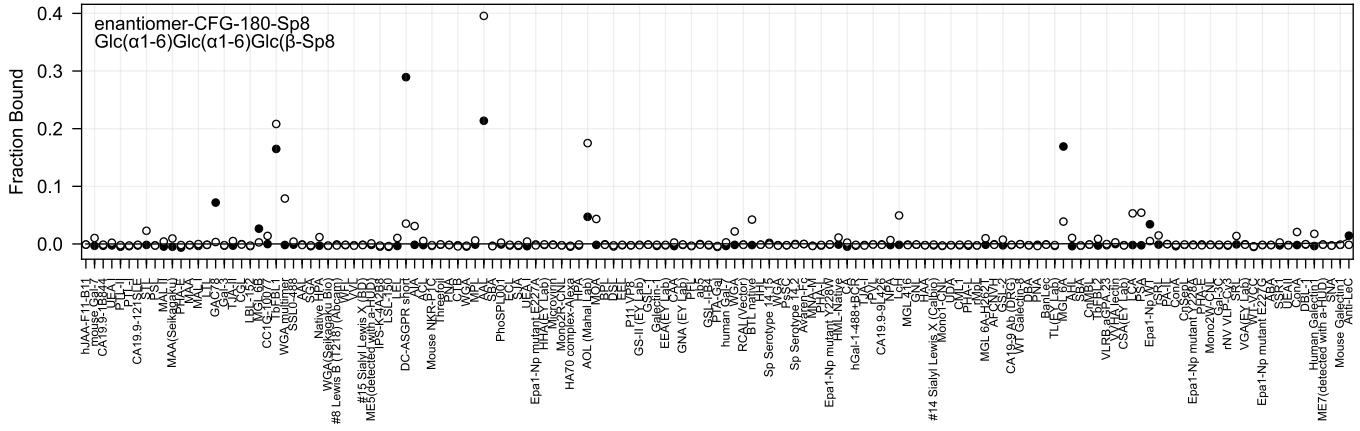

enantiomer-CFG-176-Sp8
GlcNAc(β1-6)GalNAc(α-Sp8
Fraction Bound
0.0
0.2
0.4
0.6
SNA
nLEL
ABL
Native UEAI
UEAI
UDA
Galectin-1
CA19.9 Alexa
CA19.9 (EY Lab)
hGal-1-488 (EY Lab)
SBA
RCAI (Vector)
PTA-L
PTA-I
MAL-I
PHA-E
MAL-II
MOA
#14 Sialyl Lewis X (Glycto)
#8 Lewis B (T1218) (Abcam)
VGA(EY Lab)
UEA-I
SNA
PNA
Tkb1
Tkb2
#15 Sialyl Lewis X (Rd)
ap3
CA19.9-Q1.429
mouse Sal-7
human Sal-7
GalC1
BanLec
AOL (Marial Lab)
PSA
PEA
CAA
PCA
RCA
Mono1-SPA
AVA
PhoSP-Con A
Epa1-Np mutant Tryptophan
Epa1-Np mutant E227G
Mouse Galectin-1
AAL
Epa1-Np mutant E227A
CCA
CGB
OTB
CNL
Mono2R-CNL
ACA
LCA
GSL-I
GNL
CSA(EY Lab)
PAO
EBL
EEL
DBA
DSL
TJA-I
TL(EY Lab)
Microvillin
Epa1-Np
CA19.9-1B244
SPsecretoryIgA 4.15
SPsecretoryIgA 4.16
MPL
CA19.9-12SLE
Epa1-Np mutant Y228A
VLRB.Galectin-3
VLRB.Galectin-3
EEA(EY Lab)
TKA
SGA
Mono2-CNL
GP(CNL)
TBL-152
rNV VLRB.17
rDFB-1
TJA-II
SSL-I (ANA)
MAPA
HA70 complex Alexa
HA70 (EY Lab)
HA(EY Lab) native
HA(EY Lab) native
iPS-K-4-488
MAA(Seikagaku)
PHA-P
PT (VBS)
hJAA-F11-488
ME5(detected with α-Y-DOD)
ME5(detected with α-Y-DOD)
ChSeq
GNA (EY Lab)
Avarol
ME7(detected with α-Y-DOD)
ME7(detected with α-Y-DOD)
GSL-I
GSL-II (EY Lab)
JAC
VGA
VVHA(Lectin)
CAA
Mouse NKR-P1C
Human Galectin-9
PWM
MGL 6A1-488
MGL 6A1-647
RBL
CC1(G-1)-488
MGL-418
Anti-Tac
WGA(Seikagaku)
SBA
WGA
DC-ASGPR
WGA
WGA multimer

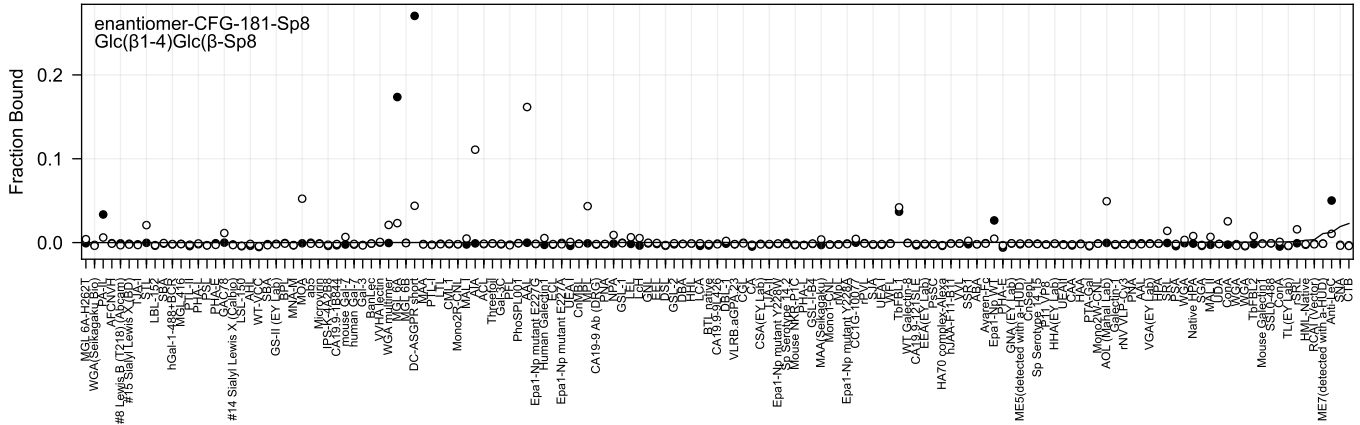

enantiomer-CFG-176-Sp14
GlcNAc(β1-6)GalNAc(α-Sp14
Fraction Bound
0.0
0.2
0.4
0.6
SNA
SNA
PSA
PSA
RCA (Vector)
RCA (Vector)
VLRB.aSP
VLRB.aSP
TJA-I
TJA-I
MAL-I
MAL-I
MAA(Seikagaku)
MAA(Seikagaku)
BPA-U
BPA-U
HML-Native
HML-Native
Ab
Ab
PSL
PSL
MPA
MPA
UEA-I
UEA-I
VVHA (lab)
VVHA (lab)
GS-II (EY Lab)
GS-II (EY Lab)
GNA (EY Lab)
GNA (EY Lab)
TF
TF
PNA
PNA
Tn-Ab
Tn-Ab
SBA
SBA
SSA
SSA
SCA
SCA
WGA(Seikagaku)
WGA(Seikagaku)
WGA
WGA
WFL
WFL
#14 Sialyl Lewis X (Calbiochem)
#14 Sialyl Lewis X (Calbiochem)
#15 Sialyl Lewis X (Calbiochem)
#15 Sialyl Lewis X (Calbiochem)
Ab
Ab
Epa1-Np mutant Y284
Epa1-Np mutant Y284
CTB
CTB
Treagalpi
Treagalpi
Epa1-Np
Epa1-Np
Ab
Ab
UEA-I
UEA-I
Sp Serotype 14-13
Sp Serotype 14-13
Epa1-Np mutant E224
Epa1-Np mutant E224
CA
CA
CPA
CPA
GSL-IB4
GSL-IB4
CSA(EY Lab)
CSA(EY Lab)
HPA
HPA
LTA
LTA
HAA
HAA
hGal-1-488-BCR
hGal-1-488-BCR
OSA
OSA
EEL
EEL
EEL
EEL
CoNBL
CoNBL
GSL-I
GSL-I
BTL
BTL
Human Galectin-7
Human Galectin-7
Epa1-Np mutant (Y284)
Epa1-Np mutant (Y284)
LEA
LEA
XVI
XVI
PHA-E
PHA-E
EEA(EY Lab)
EEA(EY Lab)
PHA-L
PHA-L
rNV VLP
rNV VLP
CoSpL
CoSpL
PsSC
PsSC
HA70 complex-Alexa
HA70 complex-Alexa
VGA(EY Lab)
VGA(EY Lab)
hAAA-11-811
hAAA-11-811
CA19.9-121SHE
CA19.9-121SHE
Epa1-Np mutant Bmp
Epa1-Np mutant Bmp
Mono1-Conj
Mono1-Conj
mouse CD1
mouse CD1
Mouse NKR-P1
Mouse NKR-P1
Sp Serotype 14-7
Sp Serotype 14-7
Native HPA
Native HPA
WT Galectin-1
WT Galectin-1
#8 Lewis B (T218) (Abcam)
#8 Lewis B (T218) (Abcam)
Galectin-1
Galectin-1
PA-L1
PA-L1
LBA
LBA
PTA-Gal
PTA-Gal
SSL-7
SSL-7
CA19-9 Ab (DRG)
CA19-9 Ab (DRG)
AOL (Mabtag Lab)
AOL (Mabtag Lab)
IPS-K-Ab
IPS-K-Ab
SBA
SBA
CA19.9-1B642
CA19.9-1B642
HHA(EY Lab)
HHA(EY Lab)
BroSe-Conj
BroSe-Conj
CA19-9-X-28
CA19-9-X-28
WGA
WGA
MicrVP-Conj
MicrVP-Conj
PTA
PTA
PTL-I
PTL-I
MNA-M
MNA-M
Mono2(V)-Conj
Mono2(V)-Conj
Mouse GalCom1
Mouse GalCom1
WT-GCC
WT-GCC
human GalCom1
human GalCom1
EEL
EEL
ABA
ABA
VGA
VGA
WGA
WGA
ME7(detected with a-HUD)
ME7(detected with a-HUD)
GS-IV
GS-IV
MGL-416
MGL-416
WGA (Dulbecco)
WGA (Dulbecco)
CA19-9
CA19-9
SBL
SBL
MG-B
MG-B
ABL
ABL
Ab-TFB2
Ab-TFB2
SSB1
SSB1
MGL 6A
MGL 6A
MGL 6A short
MGL 6A short
DC-ASGPR short

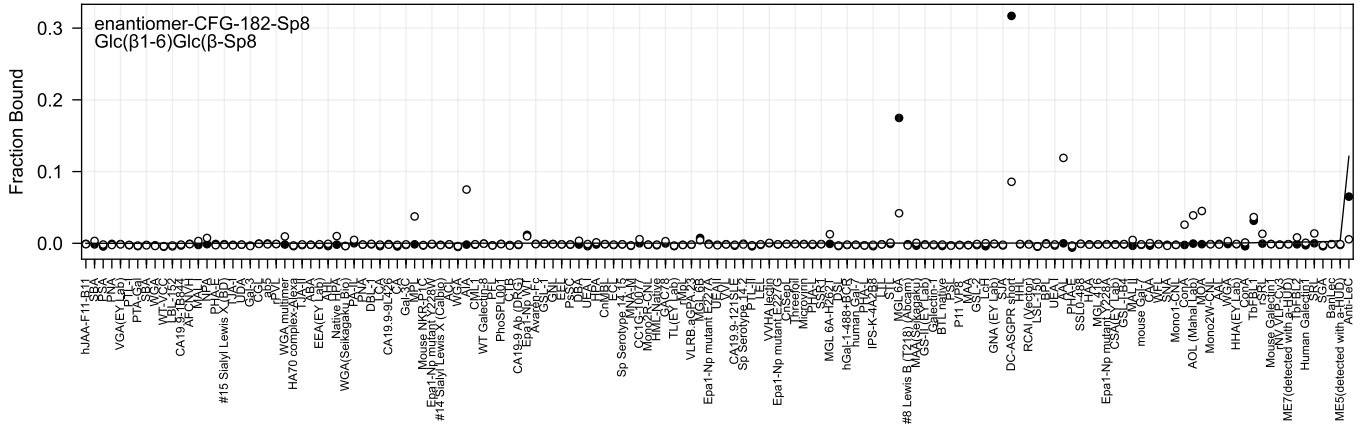

enantiomer-CFG-177-Sp8
GlcNAc(β1-6)Gal(β1-4)GlcNAc(β-Sp8
Fraction Bound
0.0
0.2
0.4
0.6
TL(EY Lab)
human Gal-3
Gal-3
hGal-1-488
Bauhinia
WGA-476
HA70 complex
Sp Serotype 14-19
CA19-9 Ab
CA19-9 Ab (DSG)
CA19-9 Ab
CA19-9 Ab
CA19-9 Ab
LS-1-488
LS-1-488
VLEC-488
VLEC-488
LBL-488
ME5(detected with a-HUD)
WT-VCC
WT-VCC
MMA
#15 Sialyl Lewis X
SBA
PNA
GNA(EY Lab)
Mono2W-CNI
AOL (Mahal Lab)
Ab3
Ab5
PHA-E
HML-Native
MAA(Seikagaku)
OBAX
GSL-I
MAL II
PNA
P13-VCC
Mono2R-VCC
Mono1-CNI
PHA
Gal-3
Gal-3
PhoSL
Mouse Galectin1
Human Galectin1
Galectin1
CEA
UEA1
ECA
CSA(EY Lab)
NPA
ABA
GSL-I-B4
MAL I
Native HPA
ESA
ESL
HHA(EY Lab)
PSL
mouse Gal-7
Sp Serotype 7-12
MGL 6XHis
Arabinogalactan
MGSA
PNA
HPA
PHA-E
PHA-L
Tomato
LSL-Lab
MPL
CEL
CEA
Microvirin
Threetail
VGA(EY Lab)
GSL-I
SSL0-488
WT Galectin-8
BTL native
ME7(detected with a-HUD)
#8 Lewis B (1218) (Abcam)
Ion
PCA
Epa1-Np mutant E.coli
CMMB
Epa1-Np mutant Y229A
RJA
AFTA
Epa1-Np mutant F229A
NC-ASGPR Subpt
Epa1-Np mutant E.coli
CTB
Cholera
DSA-1
VVA
Lectin
RCA(Vector)
GNA
Mouse NKR-P1C
Epa1-Np WT
Anti-Lec
SSA
CC1G-488
SSL1
Tb-Fb
BPL
WGA
WGA
WGA(Seikagaku)
WGA(Biotin)
WGA multimer

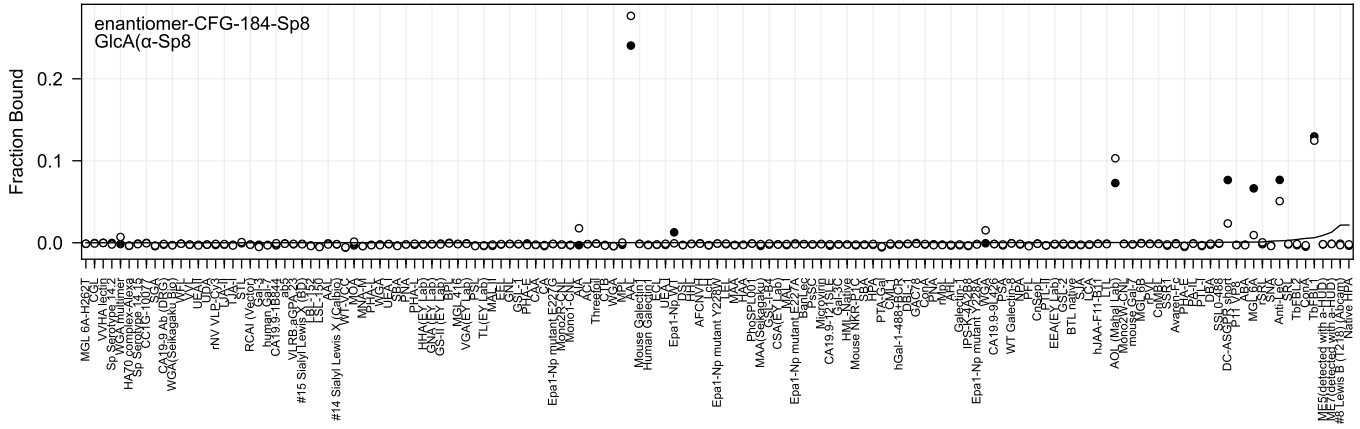

enantiomer-CFG-178-Sp8
Glc(α1-4)Glc(β-Sp8
Fraction Bound
0.0
0.1
0.2
SNA
#8 Lewis B (T218) (Abcam)
GSL-I B4
HA70 complex (Sigma)
SSA
SSL-188
Lectin
VVHA
WGA
PHA-E
PHA-L
MAL-I
SBA
PNA
GS-II (EY Lab)
ECA
Mono2W
BPL
ABA
mouse Gal-3
TL(EY Lab)
#15 Sialyl Lewis X (Sigma)
Gal-1-486-BSA
DBA
CrDEL1
Epa1-Np DC1
Human Galectin1
Epa1-Np mutant E227A
WGA
WGA multivalent
Epa1-Np mutant Y228F
Epa1-Np mutant Y228W
Thrombomodulin
PhoSL (Lot)
Mono2R-CNL
Sp Serotype 12-15
GAL-8
GNA
BTL
GSL-I-B4
GNL
DSL
Con A
WFL
GSL-I
HML-Naive
Sp Serotype 1-4
Epa1-Np mutant E227A
VVL
AFCN
human Gal-7
human Gal-9
MGL (Lot 10077)
MGL 6A1-10077
WGA
CA19.9-1-B44
VERB-aGP-23
CA19.9-1-B43
CA19.9-1-B46
HEL
HEK
MGL
PT-Fall
HHL
Gal-1
PEL
Avanomic
PHA-L
Mono NK1
CA19.9-1-B21
SLE
KCA
BSL
CA19.9 Ab (DRG)
MGL 416
MGL 416
SCL
IPS-K-4-2-BSA
P11-VBS
MAA(Seikagaku)
RCA (Vector)
#14 Sialyl Lewis X (prepared)
NPL
WT Galectin-8
MgPBL17
Galectin-1
MNA-M
AOL (Malyal Lab)
TRBP8
MGL-CS
AAL
WT-VCC
EEA(EY Lab)
PA-IL
HHA(EY Lab)
MGA
WGA
GNA (EY Lab)
CSA(EY Lab)
hJAA-F11-B11
PTL
SSL
WGA(Seikagaku Lab)
rNV VEP
CGX
DC-ASGPR
STL
DBL-1
ME5(detected with a-HUD)
ME7(detected with a-HUD)

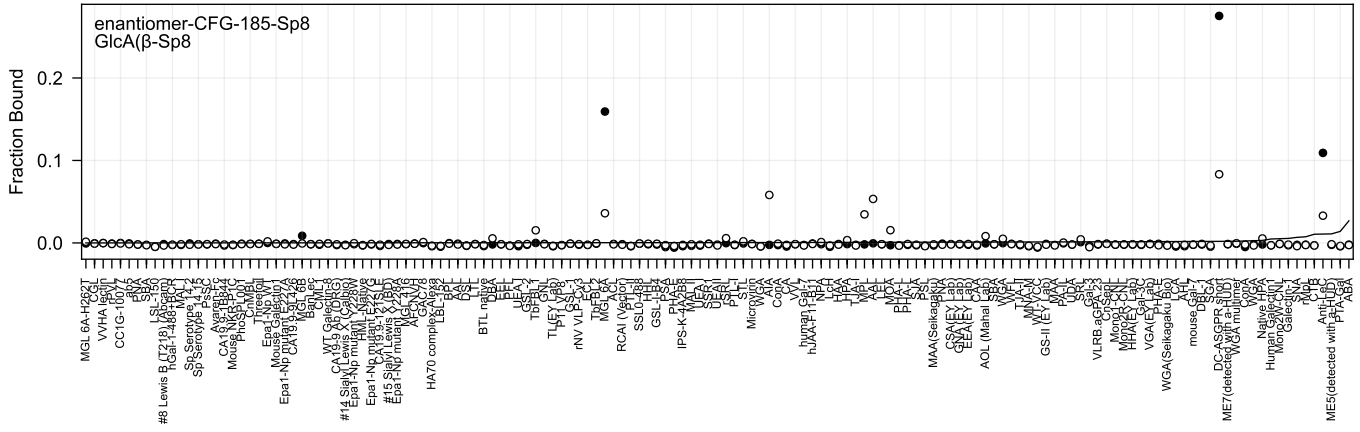

enantiomer-CFG-179-Sp8
Glc(α1-4)Glc(α-Sp8
Fraction Bound
0.3
0.2
0.1
0.0
MGL 6A-H2BT
BPI
AOL (Mahna Lab)
CA19.9-1-PE
CA19.9-1-FITC
CA19.9-1-APC
mouse Gal-3
Gal-3
VVHA
Ricin
ABL-1
HA70 complex-APC
Mx HPA
Nal HPA
WGA(Seikagaku, Bio)
LCA
PSA
BSA
RCA(Vector Lab)
EEA(EY Lab)
GNA (EY Lab)
SBA
PhoSPD
CrSPL
Sp Secretoglobin 1-2
Sp Secretoglobin 4-2
DC-ASGPR Ab
Ab
BTL (naive)
hGal-1-488-BCR
#14 Sialyl Lewis X (Calbio)
#8 Lewis B (17-224)
HMI (Naive)
LE-135
AAL
ME5(detected with a-FUC)
VGA(EY Lab)
ELA
PTA
hJAA-F11-B11
HL-1
DSA
Tst
NPA
Human Galectin1
Mouse Galectin1
AAL
GNL
GMT
MPT
MAL1
WGA
PEL
Galectin-3C
MAA(Seikagaku)
Thrombomodulin
MAL
AIA
MAA
CA19.9-1B342
AFO(Vector)
#15 Sialyl Lewis X (BD)
Mucin
BNA
Mouse NKR-CD
Epa1-Np mutant E222A
BSL
CA19-9 Ab (BD Pharmingen)
WFL
PTL
Pa-SSB
CSA(EY Lab)
Epa1-Np mutant (EY Lab)
GS-II (EY Lab)
MOA
Epa1-Np mutant Y229A
human Galectin1
SNA
Epa1-Np WT
Epa1-Np mutant
PSL
Galectin1
HAA
Avarol-AHP
TJA-I
TJA-II
WT Galectin-3
GSL-I-B4
EPA
Epa1-Np mutant E222A
EEL
SSA
rNV VLP (Cy3)
SGA
SBL
HHA(EY Lab)
MPL
UEA1
Mono1-CONA
P11-TFB
VLRB-GFP-488
CCTG-1007
TJ (EY Lab)
WGA Triticum
Mono2-CONA
Tbo-HA
Mono2R-CONA
CrMBL
Bab
Bau-A
SNA
ME7(detected with a-FUC)
Ant-FUC
CTB

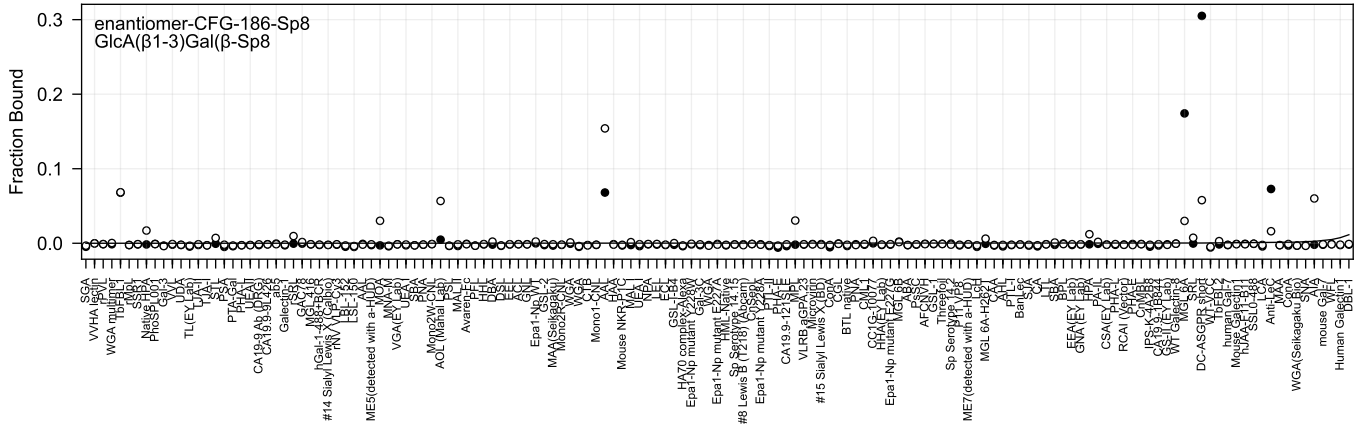

enantiomer-CFG-180-Sp8
Glc(α1-6)Glc(α1-6)Glc(β-Sp8
Fraction Bound
0.4
0.3
0.2
0.1
0.0
hAA-F11-B11
mouse Gal-1
CA19.9-1B244
PTL-I
CA19.9-12-1-F11
SJA
SJT
MAL-I
MAA
MAL
MAA(Seino)
PAA-I
PAA-II
GAC (8
TJA-II
TJA-I
CVN
LBL
MGL 68
CCL2
TcBB-1
WGA-sulfate
SSL2
SSL1
AAL
Native SNA
WGA (Seikagaku Bio)
#8 Lewis B (1216) (Adipogen)
#15 Sialyl Lewis X (GC)
ME5(detected with a-HRP)
IPS-1 (Lab)
Lsl-1 (Lab)
EEL
DC-ASGPR sNA
Mouse NKR-P1C
Threonin
CHB
WGA
AAL
SNA
PhoSPD
ECL
UEA-I
Epa1-Np mutant E226A
Mouse Gal-1
Microvilli
Monoclonal
HA70 complex
TPA
MOA
AOL (Mahal
BST
FFL
FFB
P11
GS-III (EY Lab)
Galectin-1
EEA (EY Lab)
GNA (EY Lab)
BPL
GSL-IB4
human Gal-3
WGA
RCA (Vector)
BTL (Vector)
TJA-II
Sp Serotype 1
WGA
Sp Serotype 14
Sp Serotype 23
AVR(Vector)
PHA-L
Epa1-Np mutant K226W
ABL (Vector)
hGal-1-488-PAA
PCA
CVN
CA19.9-sLe
NPA
MGL 121
GNL
#14 Sialyl Lewis X (Calbio)
Mono1-CNL
CML
PNA
MGL 6A-2A7
AJL-2A7
GSL-I
CA19.9 Ab (BioG)
WT Galectin-1
PBA
Ban Le
TL-I (Lab)
MG (Lab)
AIA
ABA
CGB
TBPB-1
VLRB (Vector)
RA (Vector)
CSA (EY Lab)
PSA
Epa1-Np
PA-I
PA-IL
CoSalA
Epa1-Np mutant E226A
Mono2A-CNL
rNV VLP-S
SBL
VGA (EY Lab)
WT-VGA
Epa1-Np mutant E226D
SSA
SSB1
CEA
Human Galectin-1
ME7(detected with a-HRP)
Mouse Galectin-1
Anti-LeC

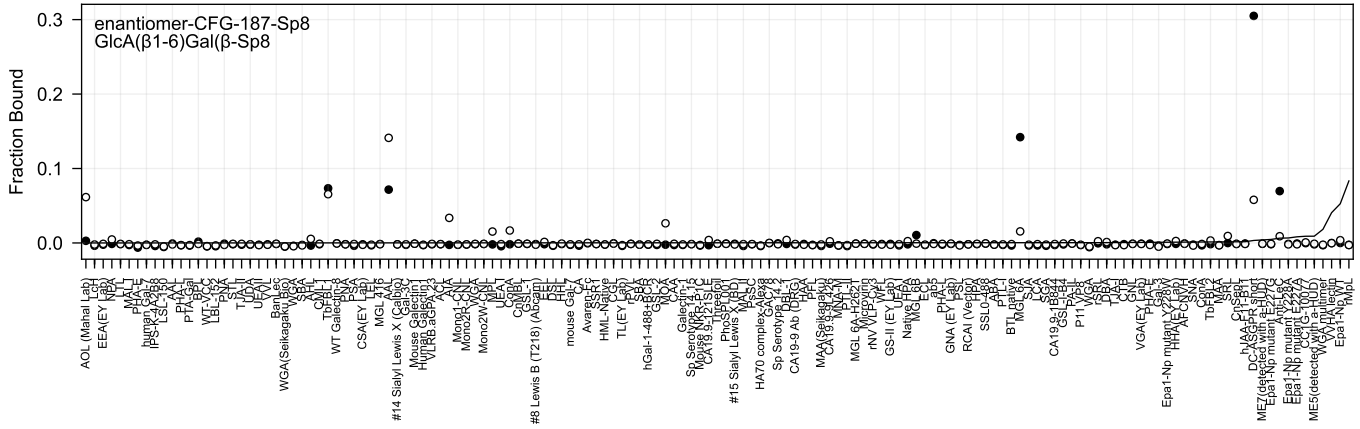

enantiomer-CFG-181-Sp8
Glc(β1-4)Glc(β-Sp8
Fraction Bound
0.2
0.1
0.0
MGL 6A-H2627
WGA(Sakagami)LBC
FAA
AFGP
#8 Lewis B (T218)(Yoram)
#15 Sialyl Lewis X(BD)
S1T
LBL
SBA
hGal-1-488-BCB
MBL-II
PTL-II
PBS
PNA-CE
PNA-FE
#14 Sialyl Lewis X (Calbio)
LSL-A10
WT-XCC
GS-II (EY Lab)
BPL
MOA
Microvirin
cPSA-1-12288
CFA 13-1884
mouse Gal-3
human Gal-3
VVA
RanLec
WGA (HA lectin)
WGL-88
DC-ASGPR stock
PVA
PHA-L
CNL
Mono2R-CNL
MALA
ACL
Tomato
Galectin
PHA-E
PhoSP-AAL
Epa1-Np mutant E22Q
Epa1-Np mutant E22A
Epa1-Np mutant E22Q
CMBL
CA19-9 Ab (ORG)
RNA
GSL-I
LEL
GNL
RSL
GNA
DSA
TEL
RTL-naive
CA19-9 Ab (EA2)
VLRB.aGP2
CCA
CSA(EY Lab)
Epa1-Np mutant Y226V
Epa1-Np mutant Y226S
Mouse NKR-P1C
PHA-L
Galectin-1
MAA(Sakagami)
Mono1-CNL
Epa1-Np mutant Y226F
CCTG-1 (IgV)
UEA
UDA
WT Galectin-1
CA19-9 (12)SLE
EEA(EY Lab)
HA70 complex
hJAM-1
VVL
SNA
Avarem-FC
Epa1-Np-FC
BHA-E
GNA (EY Lab)
ME5(detected with a-FUDG)
Sp Serotype 1
Sp Serotype 4
HHA(EY Lab)
CFA
FGA
RTA
Mono2W-CNL
AOL(Sigma)
Galectin-3
nNV VLP
PNA
AAL
VGA(EY Lab)
HPA
SBL
WGA
Native SFA
MAL-I
CGA
WGA
MSA
TbFB-2
Mouse Galectin-8
SAL
TLE(EY Lab)
CGA
ISL
RCA
CML-Native
ME7(detected with a-FUDG)
Ann-V
SSA
CTB

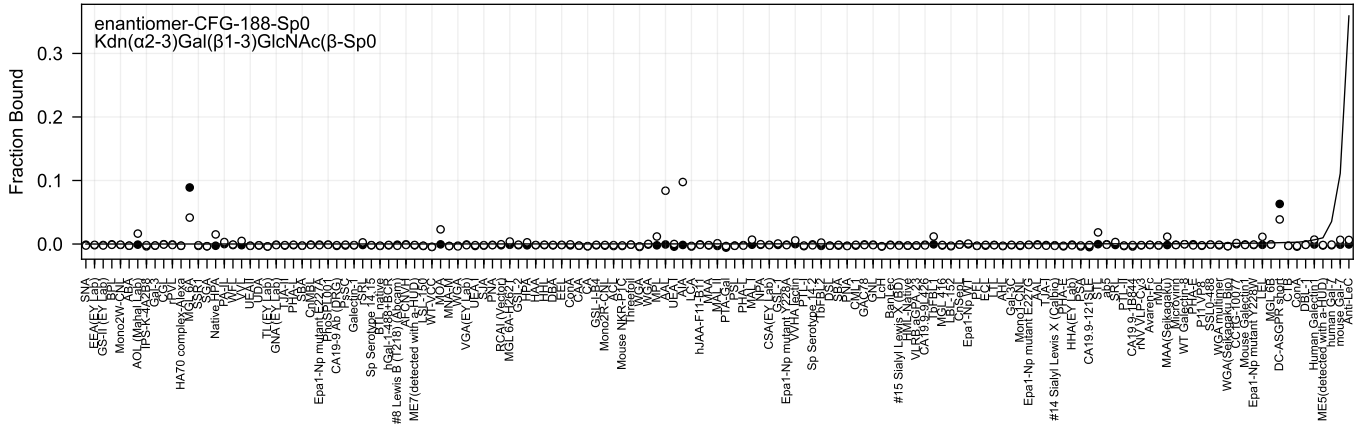

enantiomer-CFG-182-Sp8
Glc(β1-6)Glc(β-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
hJAA-F11
B1A
PSA
PNA
VGA(EY Lab)
PTA
T-14
SBA
WT VSB
VSB
CA19.9-Lac
AFRNV1
NPA
#15 Sialyl Lewis X(Lab)
PVA(EY
PVA
GalA
GlcA
BAP
WGA mutimer
HA70 complex-K-11
EEA
EEA(EY Lab)
Native EEA
WGA(Seikagaku Lab)
PAA
DBL-1
CA19.9-sLe
Gal-1
MPA
Mouse NK-2
Epa1-Np WT
#14 Sialyl Lewis X (Calbio)
WGA
OAA
WT Galectin-8
PhoSPI Lab1
CA19.9 Ab (DFB)
Epa1-Np WT
Avarol
GSL-1
GNL
PSA
PSEC
DBA
UEA
CMPB1
TFA
Sp Serotype 14
Sp Serotype 4
CC1G (NOV)
MPR2-CONL
MPR2-CONL
GlcC18
TL(EY Lab)
VLRB.aGPA
VLRB.aGPA
Epa1-Np mutant E227Q
UEA1
CA19.9-121SLE
Sp Serotype
PTL-I
TL-I
VVHA
Epa1-Np mutant E227Q
Insect
Insect
Microvirin
SSA
SSB1
MGL 6A-Pro
hGal-1-488-BCS
hGal-1-488-BCS
human Gal-7
human Gal-7
IPS-K-4A-BB
STL
#8 Lewis B (T218)
MGL-6A
MAA (Seikagaku)
MAA (Seikagaku)
GS-I
Galectin-7
BTL native
P11 V28
GSL-A
GSL-A
GNA (EY
GNA
DC-ASGPR short
Lot
RCA (Vector
RCA (Vector
LSL
BPL
UEA1
PHA-E
SSLL-428
MGL-428
Epa1-Np mutant E227Q
CSA(EY Lab)
GSL-B4
mouse Gal-1
VVA
SNA
SNA
Mono1 CONA
AOL (Mahal Lab)
Mono2W-CONL
WGA
HHA(EY Lab)
TbFBL-1
TbFBL-1
Mouse Galectin-1
NV VFLCO-1
ME7(detected with Lot
TcFBP-1
Human Galectin-1
SGA
BanLUDL
ME5(detected with Lot
Anti-LeC

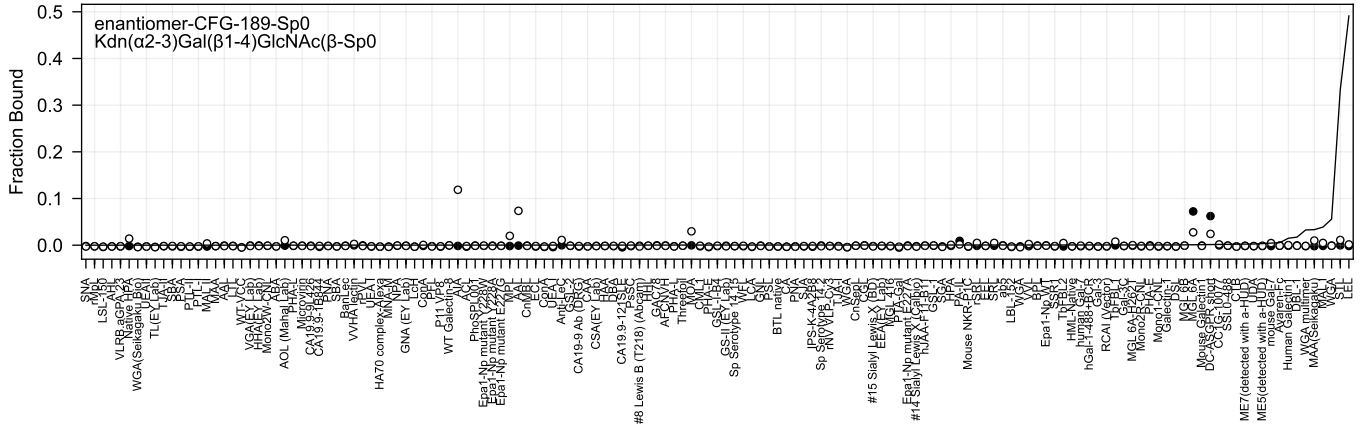

enantiomer-CFG-184-Sp8
GlcA(α-Sp8
Fraction Bound
0.2
0.1
0.0
MGL 6A-H2B2T
CGL
VVHA lectin
Sp 2-Linked
WGA Hybrid
HA70 complex
sp complex
CCIG-10077
CA19.9 Ab (PRG)
WGA(Seikagaku, Rep)
VVL
UEA
nVV VLP
VVA
WJA-I
STL
RCAI (Vector)
Gal-3
Gal-1
CA19.9-IB844
cA19.9-IB844
#15 Sialyl Lewis X (Rep)
VLRB aGP
LSL-150
AAL
#14 Sialyl Lewis X (Vector)
MOA
MVA
PHA-L
UEA-I
SBA
PNA
HHA(EY Lab)
GNA(EY Lab)
GS-II (EY Lab)
MGL 416
VGA(EY Lab)
TL(EY Lab)
MAL-II
SNA
GSL-I
PHA-E
CAA
Epa1-Np mutant E227G
Mouse CNL
AAA
Threalin
VVGA
VVA
MPL
Mouse Galectin-1
Human Galectin-1
UEA-I
Epa1-Np
DSL
NPL
AFCS-1
Epa1-Np mutant Y228W
MAA
MAA
PhoSPL001
MAA(Seikagaku)
CSA(EY Lab)
Epa1-Np mutant E227A
Banlec
Migroxin
CA19.9-2 (SLE)
Rabelo
HMA-Naive
Mouse NKR-P1
SBA
PTA
CVN-1
hGal-1-488
PBL-1
ACG-7
GNA
CNA
MAL
Galectin-1
Ipomoea
Epa1-Np mutant Y228A
WGA
CA19.9-9
PSA
WT Galectin
HPA
PFL
Cap-1
EEA(EY Lab)
BTL Naive
SLA
hJAA-F11-B17
AOL (Mahal Lab)
Mono2VGalNAc
mouse CNL
MG-Gp
SSL1
CnuA
Avaren
MEL
PHA-L
PHA-E
PAL
DBA
SSL-28
DC-ASGPR short
p11
VGA
SNA
MGL-BA
SNA
Anti-LEC
TcpB
TcpB-C2
TcpB-A
TcpB
ME5(detected with a-HUD)
Lewis B (12-19) Acid
#8 Lewis B (12-19) Acid
Native HPA

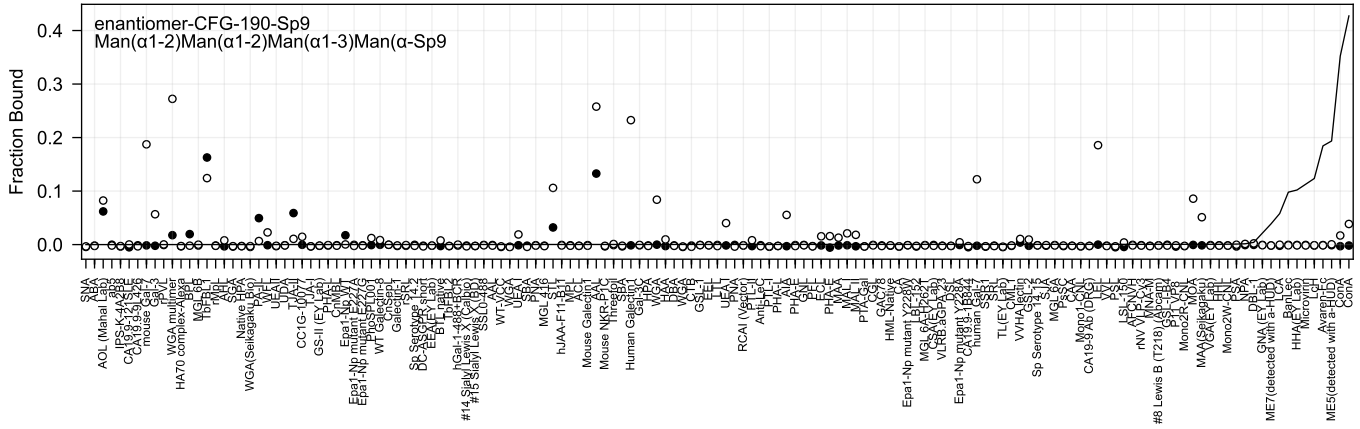

enantiomer-CFG-185-Sp8
GlcA(β-Sp8
Fraction Bound
0.0
0.1
0.2
MGL 6A-H2B2T
2GL
VVHA (aq)
CCG-10077
BAS
SBA
#8 Lewis B (T218)
LSL (Vicia sp.)
hGal-1-488 (BCH)
Sp Serotype 14-2
Sp Serotype 14-3
CA19 (Lewis X)
Mouse NGF-BTC
PhoSL (Vol)
Threefoil
Mouse Gal-3
Epa1-Np mutant E222A
CA19 (Lewis X)
MGL 6B
BanLec
WT Galectin-3
CA19 (Lewis X) (Calbiot)
#14 Sialyl Lewis X (Calbiot)
Epa1-Np mutant R226W
Epa1-Np mutant E222G
#15 Sialyl Lewis X (Calbiot)
Epa1-Np mutant G228S
AOL (Vol)
GAL (Vol)
HA70 complex
LBL-188
BAL
DSL
BTL native
DBA
PEL
LEL
UEA-1
GSL-I
TBP
TJA-I
pTJA (Lab)
rNV VLP
GSL-II
TKB
MGA
RCAI (Vector)
SSLO-188
SSLI-188
GSL-IV
PSA
IPS-K-4
ABS
MAL-I
SSA
UEA-II
PNA
PTL-I
Microvirin
WGA
ConA
VVA
human Gal-1
hJAA-F
NPA
HCA
HPA
LCA
VFA
AEL
AEA
MOA
PHA-L
PHA-E
SNA
MAA(Seikagaku)
PNA
GNA
GSA(EY Lab)
EEA(EY Lab)
CAA
AOL (Mahal Lab)
WGA
TWA
TWA-I
MNA-M
MNA-N
GS-II (EY Lab)
MAA
ODA
GNA
Gal-3
VLRB.aGP.23
Gal-3C
Monod-CNL
MonoDW-CNL
VGA(EY Lab)
Gal-3C
VGA(Seikagaku Bio)
AHL
AIL
mouse Gal-1
SGA
DC-ASGPR
ME7(detected with a-SUD)
WGA mutant
WGA
Native-PA
Human-PA
MonoDW-CNL
Galectin-1
SNA
MAL
ME
Anti-LBS
ME5(detected with PA-Gal)
PA-Gal
ABA

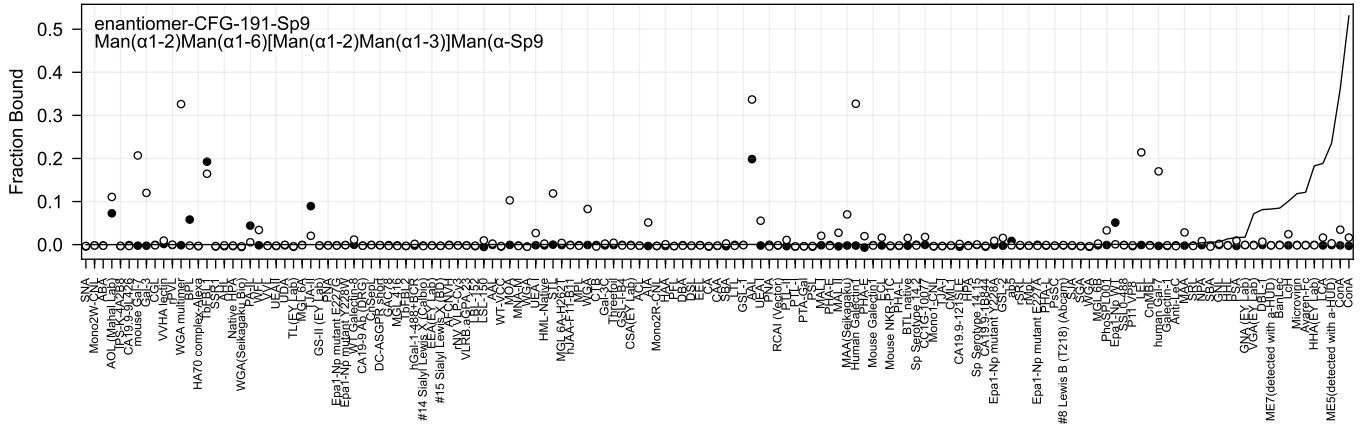

enantiomer-CFG-186-Sp8
GlcA(β1-3)Gal(β-Sp8
Fraction Bound
0.3
0.2
0.1
0.0
SGA
VVHA
PVL
WGA
TBPBP
SSA
Native PA
PhosPA
Galectin-3
UEA-I
VOA
TL(EY Lab)
LTA
SJL
PTA
PA-Gal
PNA
CA19.9 Ab (PDG)
CA19.9-Ab
Galectin-1
GNA
Mouse IgG
hGal-1-4N
hGal-1-4C
INV (Calbiochem)
LSL-166
LSL-183
ME5(detected with a-HUD)
MAA
VGA(EY Lab)
SBA
Mono2W-CNA
AOL (Mahal Lab)
MAL II
Avarep
EEL
HHL
DBA
EEA
GNL
Epa1-Np
Mono1-V
MAA(Seikagaku)
Mono2-KGA
VGA
WGA
Mono1-CN
AAL
Mouse NKR-P1C
UEA-I
NEA
ECL
GSL-I B4
HA70 complex
Epa1-Np mutant Y229W
GNA
WGA
Epa1-Np mutant E227A
Epa1-Np mutant Y229A
#14 Sialyl Lewis X (Calbiochem)
Sp Serotype 14 115
#8 Lewis B (1218) (Calbiochem)
Epa1-Np mutant F228A
PTA-Gal
CA19.9-12 SPE
VLRB.aGPA.23
#15 Sialyl Lewis X(BD)
CGA
BTL native
CNA
OMA
GGA (Gc0007)
Epa1-Np mutant F227G
MGA
AFL
FSA
GSL-I
Threojoj
PHA-L
MGL 6A-H2021
AAL
ACL
Bap1-L
SJA
LCA
SBA
PSA
EEA(EY Lab)
GNA (EY Lab)
HPA
PA-IL
CSA(EY Lab)
PHA-E
RCA I
CVNH
CMBP
IPS-4-1B924
CA19.9-1B924
GSL-I (EY Lab)
WT GlcNAc
MGL 6A
DC-ASGPR
SpA
WT-VCC
WT-VCC
human Gal-7
Mouse Gal-7
hUA-Gal-1
SSLL-188
Anti-Lc
MAA
WGA(Seikagaku-Bio)
CVN
SNA
PA-IL
mouse Gal-7
Human Galectin-1
DBL-1

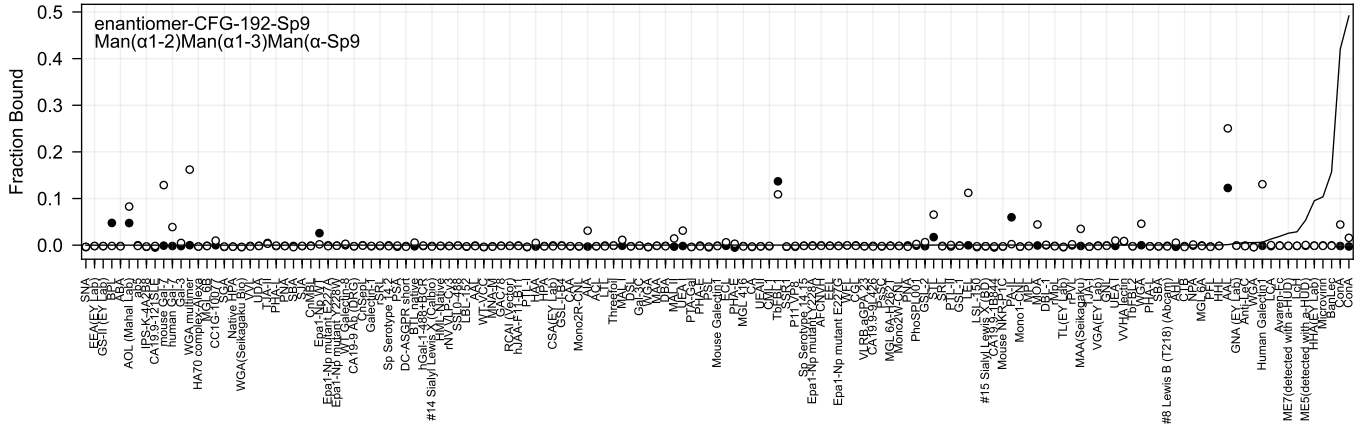

enantiomer-CFG-187-Sp8
GlcA(β1-6)Gal(β-Sp8
Fraction Bound
0.3
0.2
0.1
0.0
AOL (Mahal Lab)
EEA(EY Lab)
KBX
WFL
MAL I
PNA
human Gal-3
IPSN-Gal-298
ACL
PTA-Gal
WFA
LBL-PZZ
SNA
TJA I
UDA
UEA I
PHA-L
Ban lec
WGA(Seikagaku Bio)
VVA
SBA
CML
CPA
TcBL-1
WT Galectin-3
BOA
CSA
CSA(EY Lab)
LEL
MGL A/E
#14 Sialyl Lewis X (Calbiochem)
Mouse Galectin1
Human Galectin1
VVL
Ra-GP1
ACL
Mono1-CNL
Mono2-CSL
Mono2W-CSL
UEA I
CGB
CGB(A)
CGB(T)
GSII-T
DSL
DSL-I
GNL
mouse Gal-1
CA
Avaren
SSSRY
HML-NaOE
TL
TL(EY Lab)
SBA
SBA
hGal-1-488
BCP
CGB
MOA
GNA
#8 Lewis B (T218) (Abcam)
Galectin-1
Sp Serotype 1 4.12
MOA 9-121-1C-E
CA19 9-121-1C-E
Phoseolectin
#15 Sialyl Lewis X (RD)
NeuSC
HA70 complex
Sp Serotype 14.2
CA19-9 Ab (DHG)
HAA
MAA
MAA(Seikagaku)
CA19-9 Ab (Abcam)
PHA-L
MGL 6A-Fc(Calbiochem)
rNV VEP-Fc(Lab)
GS-II (EY Lab)
Native UEA
MGL-488
Ac5
GNA (EY Lab)
RCAI (Vector)
SSLO-488
APL-1
BTA
Native
SJA
SCA
CA19.9-1B244
CSA
PaSL
P11
WGA
SBL
TJA I
CTB
VGA(EY Lab)
PaSL
Epa1-Np mutant-Y228W
HMA
AFCNV
SNA
CBL-2
TcBL-2
SJL
hIAA-Fc(SBH)
DC-ASGPR s(Sino)
ME7(detected with Fc)
Epa1-Np mutant-E222A
Epa1-Np mutant-Y228W
ME5(detected with G-100D)
WGA dimmer
Epa1-Np-Fc
RMpl

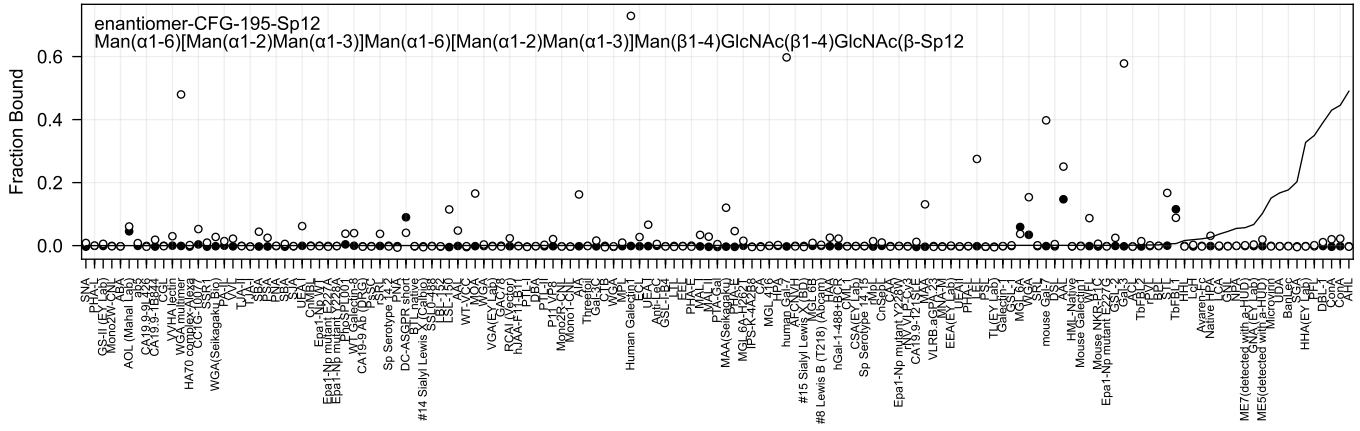

enantiomer-CFG-188-Sp0
Kdn(α2-3)Gal(β1-3)GlcNAc(β-Sp0
Fraction Bound
0.3
0.2
0.1
0.0
SNA
SNA (EY Lab)
EEA(EY Lab)
GS-II (EY Lab)
Mono2W-CBL
AOL (Mahal Lab)
TpS-K-A-23
SGA
ABA
HA70 complex
MGL-6A
SSA
Native-PPA
WFL
UEA-I
UDA
TL (EY Lab)
GNA (EY Lab)
PHA-L
PHA-E
SBA
Epa1-Np mutant C222V
CA19.9 Ab
Galectin-1
Sp Serotype 14-PS
hGal-1-488-H80R
#8 Lewis B (T218) (Ashkani)
ME7(detected with a-TUD1)
WSL-150
MOA
MVGA
VGA(EY Lab)
SLA
RCA(Vector)
MGL6A-P262T
CFA/I
PFA
HPA
DBA
PNA
CAA
CGA
GSL-I-B4
Mono2K-CBL
Mouse NKR-P1C
Tim-9(Kim Lab)
WGA
UEA-I
EAA
hJAA-F11
LTA
MAA
PNA
PSA
MAL-I
NPA
CSA(EY Lab)
GSL-2
Epa1-Np mutant A222V
PTA-I
Sp Serotype 19F-PS
VIA-EB-12
SSA
RNA
GXM-1
GNL
Ban-SC
#15 Sialyl Lewis X (Ito)
CA19.9-Ab-23
VLRB.gp120.23
CA19.9-TOFB-1
MGL-418
MGL-1-B
CrSSP
Epa1-Np WT
ECL
ACL
ABL
Mono2K-CBL
Epa1-Np mutant E222G
TJA-I
#14 Sialyl Lewis X (Ito)
HHA(EY Lab)
CA19.9-121-SGE
STL
SRL
RCA
CA19.9-TBA-21
rNV VLP-C23
Avarol
MAA(Sekikawa)
Mouse-Tim-3
WT Galectin-8
P-11
VFA-E
SSL-I-488
WGA(Sekikawa, Wheat)
Mouse Tim-1(OT)
Epa1-Np mutant Y222W
MGL-1-B
DC-ASGPR stock
Con A
Human Galectin-7
ME5(detected with a-TUD1)
mouse Galectin-7
Anti-LeC

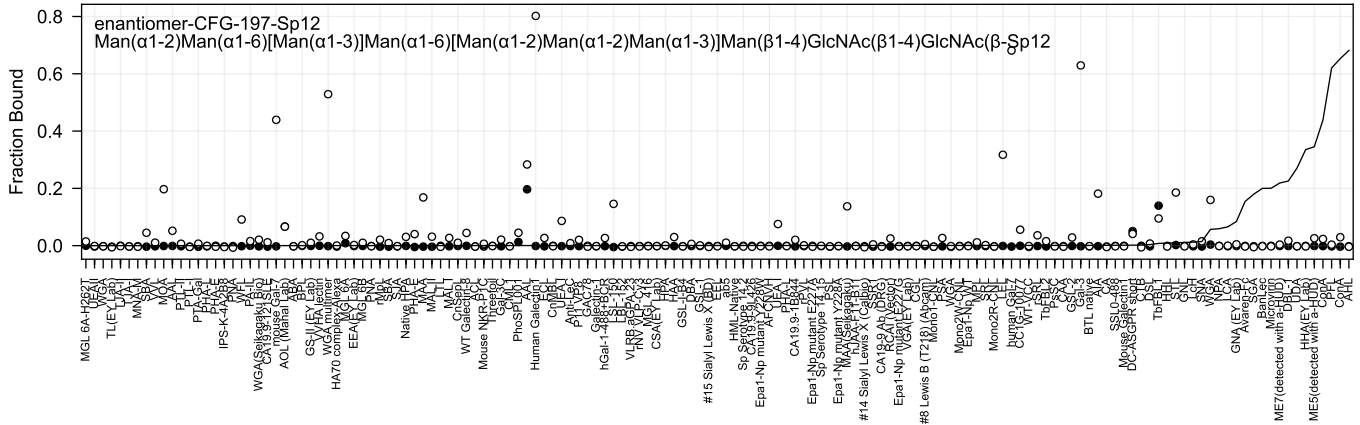

enantiomer-CFG-189-Sp0
Kdn(α2-3)Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
SNA
MAL
LSL-Ab
ABA
VLRB.aGP5
Naive IgA
WGA(Seikagaku)
UEAII
TL(EY Lab)
SBA
PTL-I
MAL-1
MAAI
TJA-I
WT Galectin-1
VGA(EY Lab)
HHA(EY Lab)
Mono2W-Lec
ABA
AOL (Marine Lab)
PTL-II
Microvirin
CA19.9-T8442
CA19.9-T8443
BNA
ACG
VVHA (Isolit)
RaBaLec
UEAI
HA70 complex
WFA
NPA
GNA (EY Lab)
LCH
CPA
PSA
P11-VP8
WT Galectin-3
VVA
PhoSPL-Ab
AOL
Epa1-Np mutant Y229W
Epa1-Np mutant Y229W
Epa1-Np mutant E229S
KNL
CrmBL
MPL
ECA
OPA1
Anti-Galectin-9
CA19-9 Ab (DRG)
AAL
CSA(EY Lab)
PNA
CA19.9-12(Lab)
SLE
#8 Lewis B (T218) (Abcam)
HPA
GNA
PSNV1
Thr-Tag
MOA
PHA-L
PHA-E
GS-I
GS-II
Gal-1-Ab
Sp Serotype 14-19
VCA
GSL
BTL
BTL naive
PNA
IPS K-48
IPS K-48
Sp SerotypeVI-23
NVWVLP-023
WGA
CrmBSL
#15 Sialyl Lewis X (Abcam)
EEA
WGA 418
Epa1-Np mutant E229S
#14 Sialyl Lewis X (Calbiochem)
huAAT-Fc
GSL-I
SGA
PAL
Mouse NKR-P1C
EEL
LEL
LBW32
aos
VCL
WT
Epa1-Np WT
TJA-II
HML-Naive
hGal-1 (R&D)
Gal-3
RCAI (Vector)
MGL6A-Fc
MonoB-CONL
Galectin-1
Mono1-CONL
MGL-8B
Mouse MGL1/2
Mouse GPR-Fc
DC-ASGPR-Fc
CCL18-Fc
SSL1-Fc
CLD
ME7(detected with a-Fc)
ME5(detected with a-Fc)
Avaren-Fc
mouse Galectin-1
Human Galectin-1
BBL-1
MAX(Seikagaku)
WALL
VGA mutanet
SGA
LEL

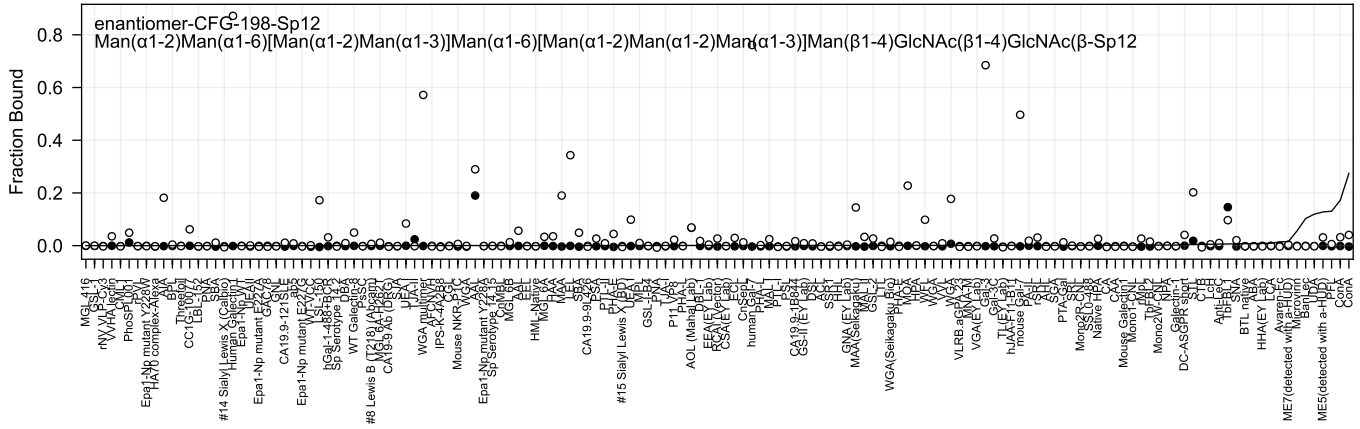

enantiomer-CFG-190-Sp9
Man(α1-2)Man(α1-2)Man(α1-3)Man(α-Sp9
Fraction Bound
0.0
0.1
0.2
0.3
0.4
SNA
SNA
AOL (Mahal Lab)
PSA
IPS-1-4A
CA19-9 (Ab)
CA19-9 (Ab)
mouse Gal-7
BWI
WGA mutimer
HA70 complex
BSII
MPA
MPA
NNL
SGA
SGA
Native HPA
WGA(Seikagaku)
PNA
UEA I
UEA I
TJA
UDA
CC1G-L0077
TJA I
GS-II (EY Lab)
PHA-L
PHA-E
Epa1-Np mutant E227A
Epa1-Np mutant Y228A
BlpSPLDb1
WT GalectinS
GalectinS
Galectin1
Sp Serotype 12
DC-SIGN short
DC-SIGN
BTL native
#14 Sialyl Lewis X (Calbio)
#15 Sialyl Lewis X (Calbio)
SSL-28
WT ACL
ACL
VVGA
VVGA
SBA
SBA
PNA
MGL
PNA
STL
hJAA-F11
NPA
ACT
Mouse Galectin-1
BAL
Mouse NKR-P1C
SBA
Human Galectin-1
SBA
WFA
HPA
VVA
VVA
GS-IB4
GSL-I
GS-II
UEA I
UEA I
PNA
RCAI (Vector)
ACL
AnnexinA5
PHA-L
PHA-E
PHA-E
GNL
ECL
ECL
PHA-L
MAL I
MAL I
PHA-E
MAL I
Gal1
CGB
HML-Native
Epa1-Np mutant Y228W
LBT-254
MGL 6(EY Lab)
VLRB.aGP.23
Epa1-Np mutant Y228A
CRA(human) Y284A
human SSL1
TL(EY Lab)
VVHA-Cultu
GSL-I-B4
Sp Serotype 1
SJA
MGL-SA
CSA
CSA
Mouse Galectin-9
CA19-9 Ab (OncoG)
DSL
PSL
PSL
LSL
rNV VP1 (Ab)
rNV VP1 (Ab)
#8 Lewis B (T218) (Abcam)
GSL-I-B4
Mono2R-CNL
MOA
MAA(Seikagaku)
VGA(EY Lab)
Mono2W-CNL
RPA
RPA
GNA
DSL-1
ME7(detected with E-1-HUD)
HHA(EY Lab)
Bovine Lac
Microvirin
Avarol(EY Lab)
ME5(detected with a-COD)
ConA

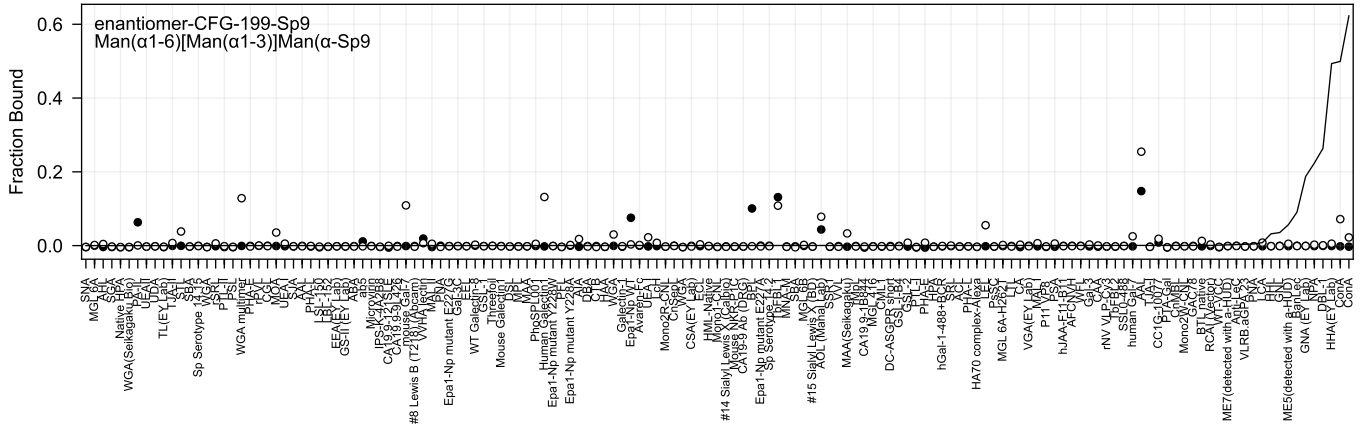

enantiomer-CFG-191-Sp9
Man(α1-2)Man(α1-6)[Man(α1-2)Man(α1-3)]Man(α-Sp9
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
SNA
Mono2W
ABA
AOL (Mahal
PNA
CA19.9-Lac
mouse Gal-3
Gal-3
VVHA lectin
WFL
WGA mutant
IgM
HA70 complex
SSA1
Native PHA
WGA(Seikagaku
Con
WFL
UEA I
UDA
TL(EY Lab)
MGL (EY
GS-II (EY Lab)
PWA
Epa1-Np mutant
Epa1-Np mutant
CA19.9-Galactose
DC-ASGPR
MGL-418
hGal-1-488-EBC
#14 Sialyl Lewis X (EY
#15 Sialyl Lewis X (EY
vLRB
vLRB
LSL-156
WT-ACL
MOA
MVA
HML-NEU
SJL
MGL 64-1
MGL 64-1
MPL
VCL
CTB
Galectin
TGN
GSL-IB4
CSA(EY Lab)
Mono2R
CNA
HPA
DBA
DSL
EEL
SBA
SGA
GS-I
GSL-I
GNA
UEA I
RCA I (Vector
PTL-I
PTA-Gal
PTL-II
MAL
MAL II
MAA(Seikagaku)
Human Galectin-1
BPA(EY
Mouse Galectin-1
Mouse NKR-P1C
BTL
Sp Serotype 14
Sp Serotype 1
Mono1LONG
CMA-1
CA19.9-12
SSL-25
Sp Serotype 14
Sp Serotype 1
CA19.9-18
Epa1-Np mutant
GSL-2
SAP
SNL
Epa1-Np mutant
EFA-A
PsSc
#8 Lewis B (T218) (Abcam)
PTA
WGA
MGL-1
Phos-1
Epa1-Np WT
SSL1-488
Cramoll
MEL
human Galectin-1
Galectin-1
Ariel
MAX
NBA
SBA
GLL
ESA
PSA
GNA (EY
VGA(EY Lab)
ME7(detected with a-
HPD)
BanLec
Microvirin
HHA(EY
ME5(detected with a-
LCA
ConA

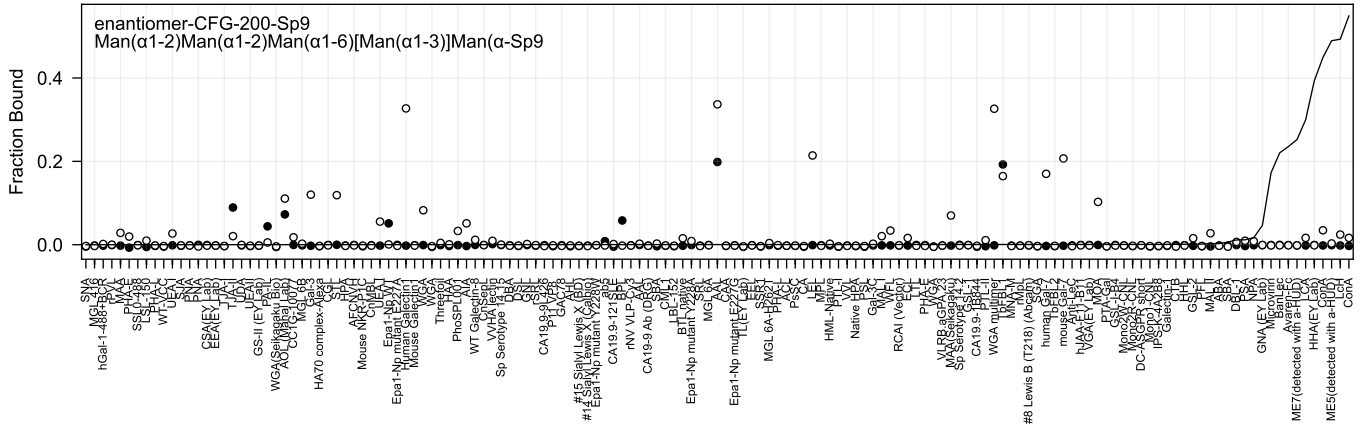

enantiomer-CFG-192-Sp9
Man(α1-2)Man(α1-3)Man(α-Sp9
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
SNA
SNA (Lab)
EEA(EY Lab)
GS-II(EY Lab)
MAL
AEA
AOL (Mahal Lab)
IPSC-4-A498
CA19-9 Ab (Mouse Gal-7
human Gal-7
WGA multimer
HA70 complex
CC1G-1007
Native HPA
WGA(Seikagaku Bio)
UDA
PHA-L
ENA
SBA
STA
Epa1-Np mutant
Epa1-Np mutant F222A
Epa1-Np mutant Galectin-8
CA19-9 Ab (Mouse Gal-3)
Galectin-1
Sp Serotype 14
Sp Serotype 14 P
DC-ASGPR
PSA
BTL naive
BMT naive
#14 Sialyl Lewis X (TBD)
rNS-1-Sp2
LBL-422
WT-VCR
GNA-218
RCA I (Vector)
hJAA-F
PT-1
HPA
CSA(EY Lab)
GSL-CFA
Mono2R-CNK
ACL
Threonol
MAL
Galectin-3
WGA
OBA
MEA
PPA-Gal
PPA
PST
Mouse Galectin-1
PHA-E
MGL-422
UEA(I)
TBP-1
TBP-1 P
P11-SSB
Sp Serotype 14-P
Epa1-Np mutant Ala-Ala
AEX-CNA
Epa1-Np mutant E222Y
WFL
VLRB.aGPA.23
CA19-9-422
MGL-6A-1238
Mono2W-PNK
PhoSL-001
GSL-I
SLT
SLT-I
PNA
GSL-II
LSL-155
#15 Sialyl Lewis X (TBD)
Mouse NKR-P1C
Mono1-PNL
MPL
DBA
DSL
TL(EY Lab)
PWM
MAA(Seikagaku)
VGA(EY Lab)
LEA
UEA(I)
VVH-A
PSA
WGA
PTA
SBA
STA
MG
PHA-E
PHA-L
AAL
GNA (EY Lab)
ANL
WGA
Human Galectin-1
ACA
#8 Lewis B (T218) (Abcam)
CTB
NEA
PNA
ME7(detected with a-HUD)
Avarol-LEC
ME7(detected with a-HUD)
ME5(detected with a-HUD)
Microvirin
Bacillus-LEC
Bacillus-LEC
ConA

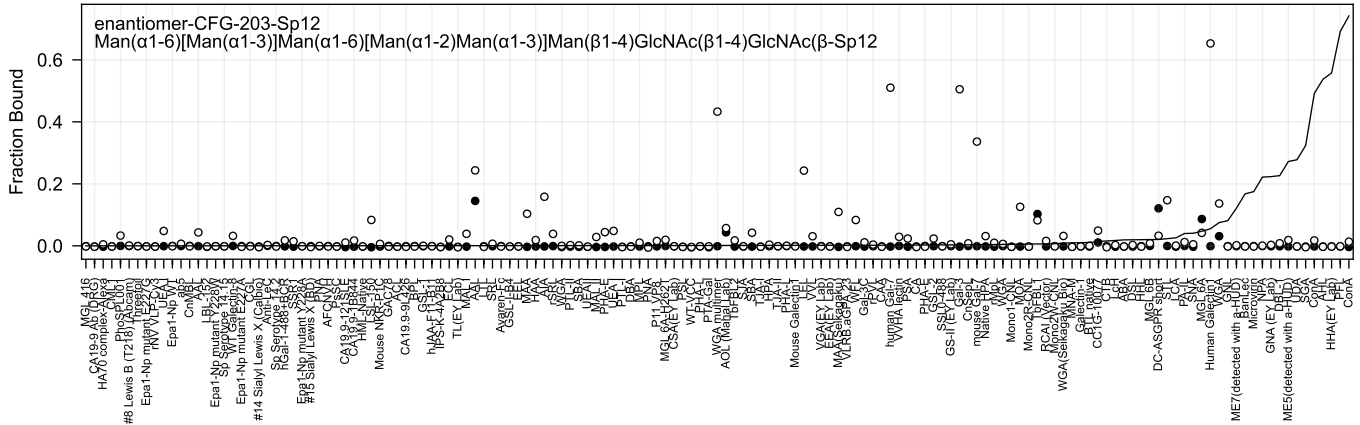

enantiomer-CFG-195-Sp12
Man(α1-6)[Man(α1-2)Man(α1-3)]Man(α1-6)[Man(α1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp12
Fraction Bound
0.0
0.2
0.4
0.6
SNA
PNA
GS-II (EY Lab)
Monoclonal
ABA
AOL (Mahal Lab)
CA19.9-4.228
CA19.9-1.116
BGL
WGA/HA lectin
HA70 coupled
WGA(Seikagaku)
CCG(F-SSR1)
TVA
T-AA1
SBA
SBA
PNA
SBA
UEA1
UEA1
Epa1-Np mutant
Epa1-Np mutant
Epa1-Np mutant
CA19.9-1.116
CA19.9-4.228
Sp Serotype
Sp Serotype
PNA
DC-ASGPR
BT1 (naive)
#14 Sialyl Lewis X (Calbiochem)
LSL-1
LSL-2
LSL-3
LSL-4
WT-VCA
WT-VCA
WGA
VGA(EY Lab)
RCA(EY Lab)
hJAA-F
PFT-1
PFT-2
DBA
PJ1
PJ1 V58
Monoclonal
Monoclonal
Tim-3
Tim-4
Gal-8
VVL
MPL
Human Galectin-1
UEA1
UEA1
Agal-1
GSL-I B4
EEL
EEL
PHA-E
PHA-L
DSA
MAA(Seikagaku)
PNA
MAL-I
MGL-6-1A2B8
MGL-6-1A2B8
MGL-4-2
MGL-4-6
HPA
human-DC-SIGN
#15 Sialyl Lewis X (Calbiochem)
#8 Lewis B (T218) (Abcam)
hGal-1-488-PAA
CSA(EY Lab)
Sp Serotype 1-4-19
Sp Serotype 1-4-19
SMA
Cnx
SAA
SAA
Epa1-Np mutant
CA19.9-121SLE
CA19.9-121SLE
VLRB.aGPA.23
EEA(MVA-13)
UEA1
PHA-E
PSL
PSL
TL(EY Lab)
Galectin-1
MGSA-1
WGA
Gal-7
DSL
DSL
HML-Naive
Mouse Galectin-1
Mouse NKB-PLC
Epa1-Np mutant
GSL-I A4
Gal-3
Gal-3
TbF-BL-2
TbF-BL-1
TbF-BL-3
TbF-BL-4
TbF-BL-5
Avaren-Lgl
Avaren-LDA
Naive-LDA
GNA
GNA
ME7(detected with anti-
GNA(EY Lab)
ME5(detected with anti-
UDA
UDA
Bao-SEA
Bao-SEA
HHA(EY Lab)
DBL-1
CONA
CONA
AHL

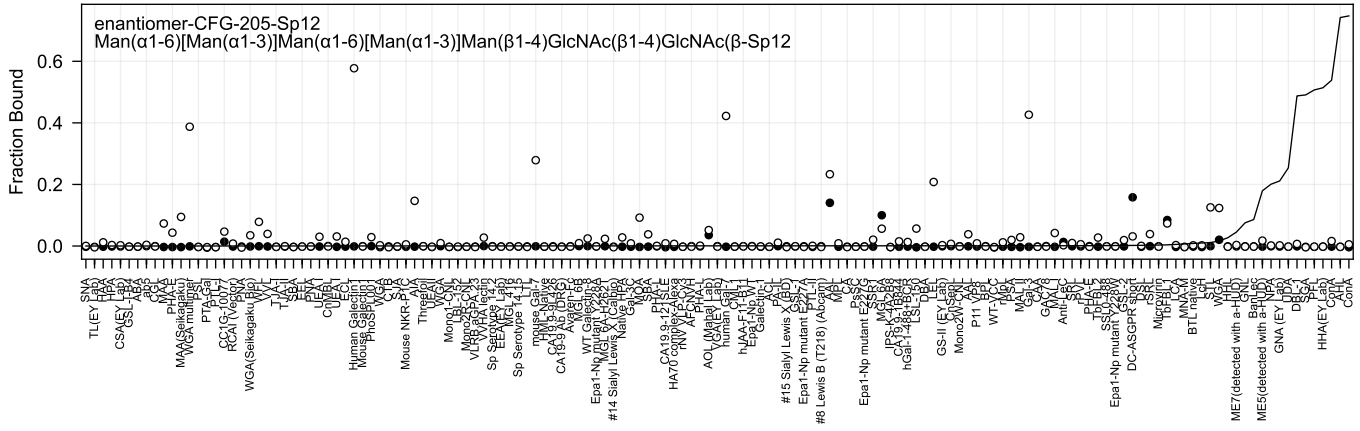

enantiomer-CFG-197-Sp12
Man(α1-2)Man(α1-6)[Man(α1-3)]Man(α1-6)[Man(α1-2)Man(α1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp12
Fraction Bound
0.0
0.2
0.4
0.6
0.8
MGL 6A-H(267)
VGA
TL(EY Lab)
ALL
MNA
SBA
MOA
ACL
PTL
PTA
PTL-I
BPL
PNA
ECA
PTL-II
IPS-K-4(Sigma)
PNA
PAL
WGA(Seikagaku)
CAA
Tomato Gal-1
AOL (Mahal Lab)
BPL
GS-II (EY Lab)
WGA mutant
WGA mutant
HA70 complex
MGL 6X
EEA(EY Lab)
MGL 6A
PNA
SBA
SJA
SPA
Native SPA
PTA-E
MAL
MAL-I
MAL-II
CnSerp
WT Galectin-8
Mouse NKR-P1C
Galectin
Galectin
PhoSP
AAL
Human Galectin-1
CnBL
CnBL
AnCL
PTA-N28
PTA-N26
Galectin-3
hGal-1-Galectin-3
Galectin-1
LEL-182
VLRB 6.2-2-23
HN 6.2-2-23
CSA(EY Lab)
HPA
HPA
GSL-I-B4
DBA
GTA(BD)
EEL
#15 Sialyl Lewis X (BD)
HML-Native
Sp CA19-9M_426
Sp CA19-9M_426
Epa1-Np mutant A2-2(BKY)
A2-2(BKY)
DBA
CA19.9-FBC44
PSA
Epa1-Np mutant E72-15
Sp Serotype 72-15
Epa1-Np mutant Y238L
MAL(Seikagaku)
#14 Sialyl Lewis X (Calbio)
CA19.9 Ab (SSK1)
RCA(Vector)
Epa1-Np mutant E72-15
CGL
#8 Lewis B (T218) (Abcam)
Monoclonal
PSA
Mono2(WT)
Epa1-Np
SRL
Mono2R
LEL
Dumor (SSK1)
DOLA
WT-VCC
TbFBC
PSA
GSL-I-A4
BTL Galectin
AIA
SSL0-468
Mouse Galectin1
DOCAS GFAP
CTB
TbFBC
TIL
GNL
SNA
VGA
NCA
GNA (EY Lab)
Alex Lec
SGA
Banlec
MPA
ME7(detected with a-Tb(ID))
DBA
ME5(detected with a-Tb(ID))
HHA(EY Lab)
CGA
CGA
CGA
CGA
AHL

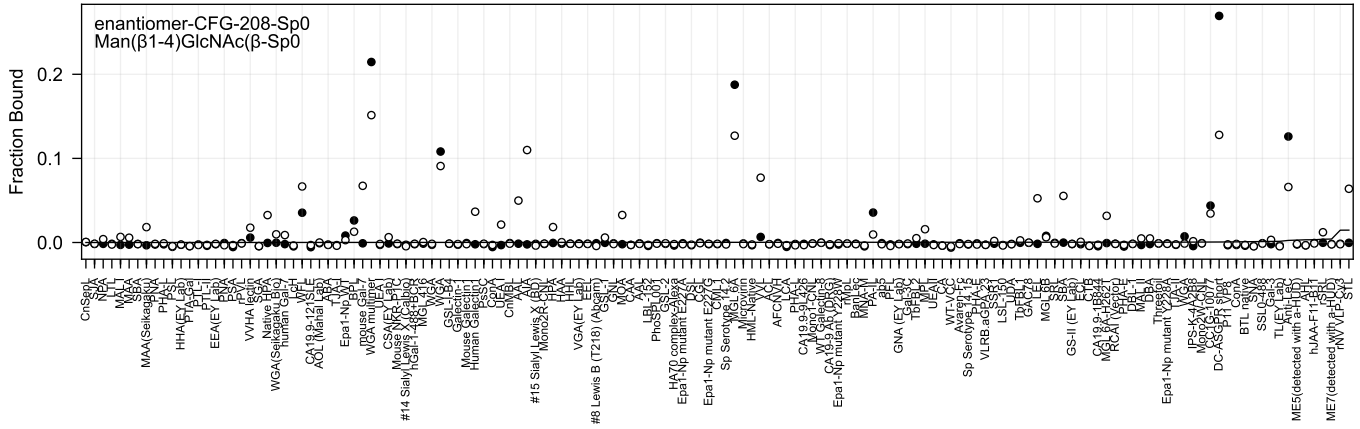

enantiomer-CFG-198-Sp12
Man(α1-2)Man(α1-6)[Man(α1-2)Man(α1-3)]Man(α1-6)[Man(α1-2)Man(α1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp12
Fraction Bound
0.0
0.2
0.4
0.6
0.8

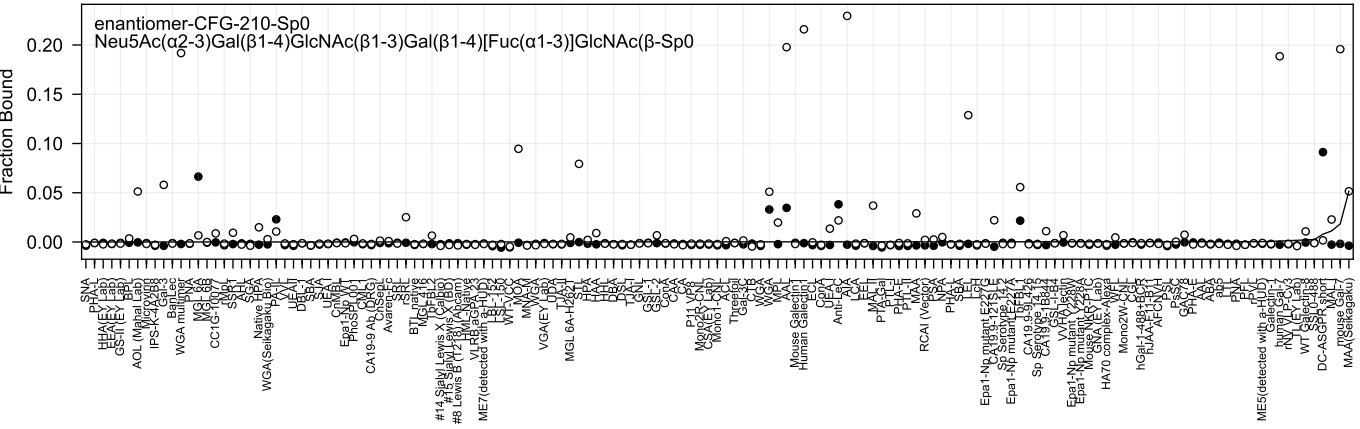

enantiomer-CFG-199-Sp9
Man(α1-6)[Man(α1-3)]Man(α-Sp9
Fraction Bound
0.0
0.2
0.4
0.6
SNA
MGL
AIA
ACL
Native HPA
WGA(Seikagaku)
UEA I
LEA
TL(EY Lab)
PNA
Sp Serotype 14
VVA
SBA
PSL
PHA-L
PSA
WGA mutant
PWM
PEA
MOA
UEA II
AAL
PHA-E
LSL-II
LBL-II
EEA(EY Lab)
GSL-I(EY Lab)
ABA
SSA
Microvirin
IPL
CA199-1-2TSEP
CA19-9-1-2
#8 Lewis B (T2-18)(Acam)
#8 Lewis B (T2-18)(VWA Lab)
BPA
Epa1-Np mutant E422C
Epa1-Np mutant E422S
EEL
WT Galectin-1
GSL-IV
Mouse Galectin-1
DSL
MAA
PhoSL
Human Galectin-1
Epa1-Np mutant Y228W
Epa1-Np mutant Y228A
CAA
CTB
VIA
Galectin-7
Epa1-Np mutant Y228F
Avarol-Fc
UEA I
Mono2R-CNL
CNL
CSA(EY Lab)
CVN
HML-Native
Mono1-CNL
Mouse NKR-P1C
CA1999 Ab (BSI)
Epa1-Np mutant E422A
Sp Serotype 6B
TEPB-1
MSA
MGL-CBB
#15 Sialyl Lewis X (Lab)
AOL (Waha Lab)
SSA
MAA(Seikagaku)
CA19-9-1-BSI
MGL-416
DC-ASGPR s/sp1
GSL-III B4
PTL-I
PHA-L
HPA
ACL
hGal-1-488+8GR
ACL
PNA
HA70 complex-Alexa
BPL
MGL 6A-HRP
LTA
VGA(EY Lab)
VFA
P11
hJAA-F11
LEA
AFCVN-1
GNL
CAA
rNV VLP
TEPB-2
SSL1-488
human Fc
AAL
CC1G-1(07)
PTA-Gal
Mono2-CNL
Galectin-8
BTL(Vector)
RCA (Vector)
ME7(detected with a-HUD)
VLRB.ABP-sk
PNA
HCA
GNL
ME5(detected with a-HUD)
BanLec
GNA (EY Lab)
NPA
DSL-1
HHA(EY Lab)
ConA
ConA

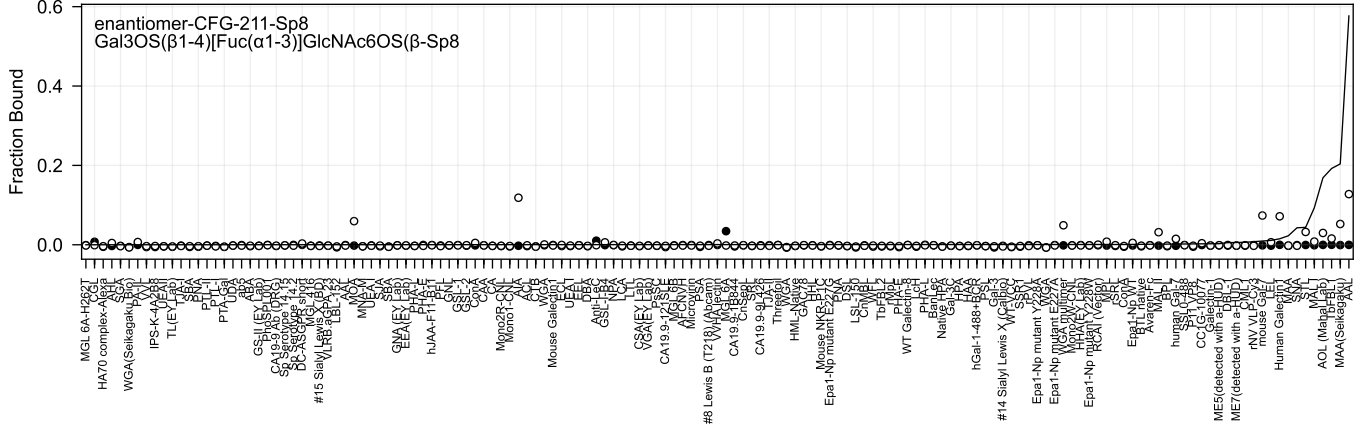

enantiomer-CFG-200-Sp9
Man(α1-2)Man(α1-2)Man(α1-6)[Man(α1-3)]Man(α-Sp9
Fraction Bound
0.4
0.2
0.0
SNA
MGL-1
hGal-1-488
PC-1
MAA
PL-1
SSL-1
LSL-1
WT Vcc
UEA
BNA
ECA
GSA(EY Lab)
EEA(EY Lab)
TJA-I
TJA-II
UDA
GS-II (EY Lab)
WGA(Seikagaku Bio)
AOL(Mera Pharma)
CCL(Mera Pharma)
MGL-68
Kaja3
Kaja5
HA70 complex-Sp9
CGL
SJA
NPA
Mouse INKA-1
AKR-01
CMH-1
Epa1-NP
Epa1-Np mutant E227A
Human Galectin1
Mouse Galectin1
WGA
Threpto
PhoSPL(A)
PhoSPL(D)
WT Galectin1
VVA
Sp Serotype 1
Sp Serotype 2
DBA
GNL
GSL
CA19.9-Sp9
P11-VLP
GAL
GALA
#45 Sialyl Lewis x (BD)
#1 Sialyl Lewis x (BD)
Epa1-Np mutant Y228W
CA19.9-12
SOP
BPF
rNV VLP
AAL
CA19-9 Ab (DSG)
CML-1
BTL
Epa1-Np mutant Y228K
MGL-6
AAL
Epa1-Np mutant E227G
TL(EY Lab)
MGL 6A-Sp9
SSA(EY Lab)
PHA-E
PSA
PSL
CA
LCA
MPL
HML-Native
Tomato
VVL
Native PSA
Gal-3C
Gal-3
WFL
RCAI (Vector)
TTL
PWM
PWGF
VVLB4 (GP A23)
MAL(EY Lab)
Sp Serotype 14
CA19.9-Sp9
PHL-I
WGA mutant
MNA-M
MNA
#8 Lewis B (T218) (Abcam)
human Gal-9
TcBL-2
mouse Gal-9
Ap1-Lec
hVAA(EY Lab)
MOA
PTA
GSL-I-B4
Mono20 CNL
DC-ASGPR sign
hSIGN-R1 CBB
Galectin-1
FTL
GSL-I
MAL-II
SBA
SBA
DSL-2
NPA
GNA (EY Lab)
Vicrowin
Banlec
Avaren
ME7(detected with a-PLD)
HHA(EY Lab)
ME5(detected with a-PLD)
ConA

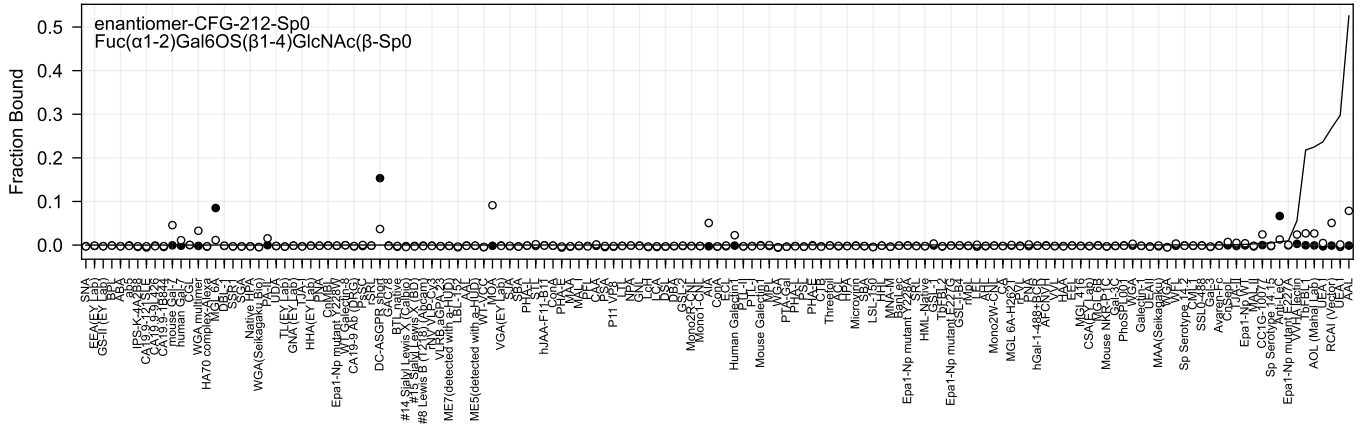

enantiomer-CFG-203-Sp12
Man(α1-6)[Man(α1-3)]Man(α1-6)[Man(α1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp12
Fraction Bound
0.0
0.2
0.4
0.6

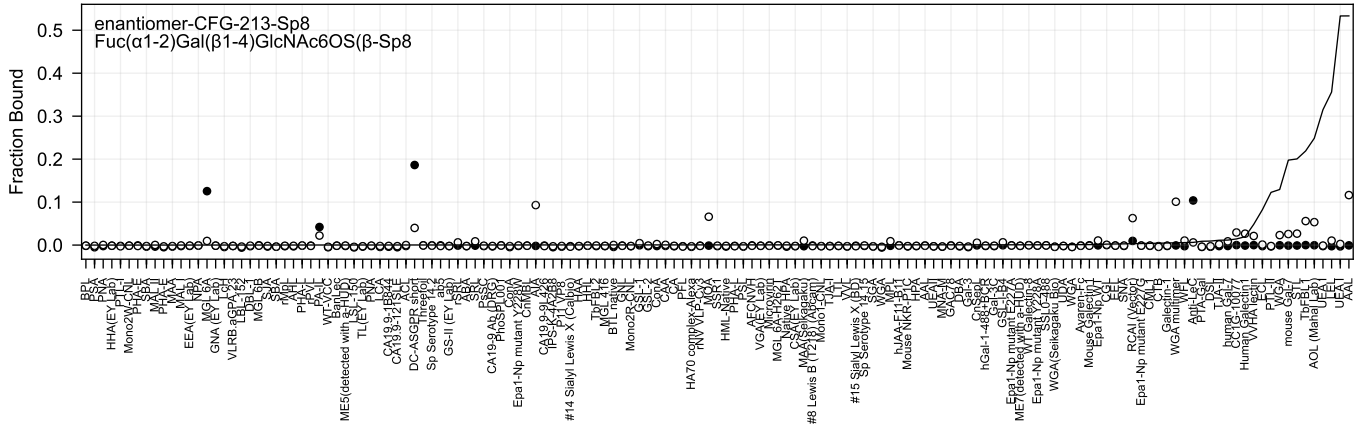

enantiomer-CFG-205-Sp12
Man(α1-6)[Man(α1-3)]Man(α1-6)[Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp12
Fraction Bound
0.0
0.2
0.4
0.6
SNA
SNA(Lab)
HPA
HPA(Lab)
CSA(EY Lab)
GSL-I-B4
ABA
ABG
MVA
PHA-E
PHA-L
MAA(Seikagaku)
WGA multimer
PTA-Sal
PNA
CC1G-Sal
RCA(Vector)
WGA(Seikagaku)
BNA
BPL
VVL
TJA-I
TJA-II
SBA
EEL
UEA-I
LTA
CNBL
PWM
ECL
Human Galectin1
Mouse Galectin1
PhoSL(Vector)
VCA
VCB
SJA
Mouse NKR-P1
AIA
Thrombin
VGA
Mono1-Sal
Mono2-Sal
VVA(Lab)
Sp Serotype 14
Sp Serotype 14(Lab)
MGL-418
Sp Serotype 14-LPS
CA19.9-1-428
CA19.9-1-428
CA195-1-428
Anti-CEA
WGL-68
WT Galectin-3
Epa1-Np mutant E272A
Epa1-Np mutant E272A(Lab)
#14 Sialyl Lewis A(Lab)
Mouse CT-Lab(Lab)
Naive HPA
GNA
WOX
SPA
PNA
CA19.9-1-21
SLE
HA70 cNW(Lab)
CNW(Lab)
AFCNVH
AOL
AOL (Mabar Lab)
Human Galectin-7
Human Galectin-7(Lab)
CAL1
hAAA-Np WT
Epa1-Np WT
Galectin-1
FAL
#15 Sialyl Lewis X(Lab)
Epa1-Np mutant E272A
#8 Lewis B (T218) (Abcam)
ABL
PSA
CA
Epa1-Np mutant E272C
SSA
MGL-1-A288
iPS-1-A288
CA19.9-1-A288
hGal-1-A288
LSL-150
DBA
DEA
GS-II (EY Lab)
Mono2W-CNL
P11
VAA
BPL
WT-MGL
MGL-1
MAL-I
Gal-3
CCL2
GAL-1
AMCL
SRL
PHA-E
PHA-L
TOEBL
SCA(Vector)
Epa1-Np mutant V272R
DC-ASGP-R
CSL-2
DSL
CSL
Microlectin
TGFB-1
MNA-M
BTL native
STL
WGA
ME7(detected with a-Lab)
ME7(detected with a-NP)
Bap1-6c
ME5(detected with a-NP)
GNA (EY Lab)
DBL-1
SEA
HHA(EY Lab)
CAL
ConA
ConA

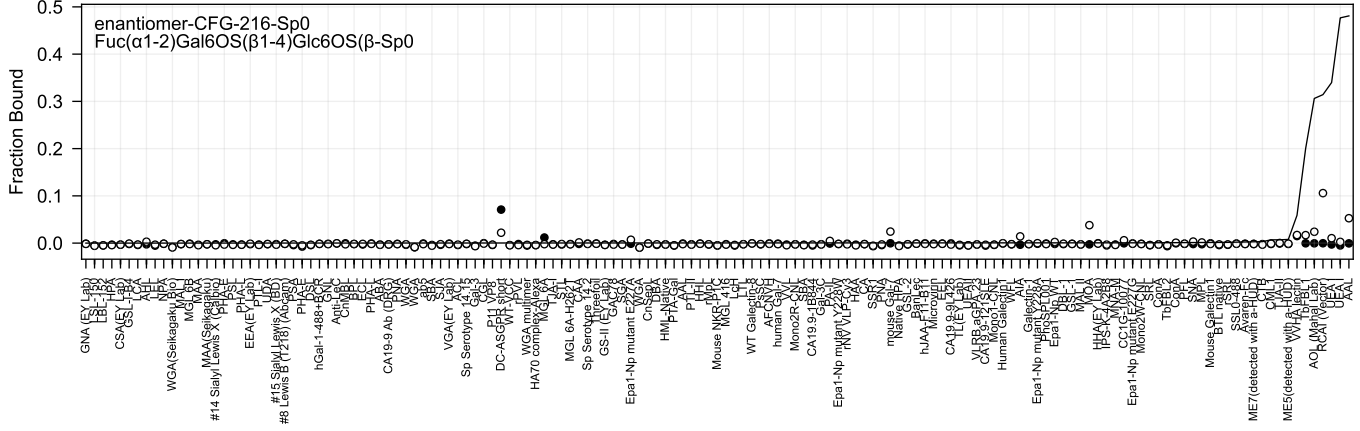

enantiomer-CFG-208-Sp0
Man(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.2
0.1
0.0
CnSpA
NPA
NEA
MALI
NBA
SNA
MAA(Seikagaku)
PNA
PHA-L
ESL
PTA-Pa
PTL-I
BPL
EEA(EY Lab)
ESA
ESA
VVHA
PWM
SSA
WGA(Seikagaku, Bio)
Naliya
human Galectin-7
WFL
CA19-9-12
SJA
ACL (Maha)
ABA
ABA
Epa1-Np
GNL
Galectin-4
mouse Galectin-7
WGA mutant
CSA(EY Lab)
Mouse NK6-FITC
Mouse NK6-PE
Human Galectin-1
MGL-1A
WGA
GSL-I-B4
Mouse Galectin-1
Human Galectin-3
PsSL
CGA
CnSL
#14 Sialyl Lewis X (Abcam)
AAL
#15 Sialyl Lewis X (Abcam)
MonoRA
FRA
FRA
HPA
HPA
VGA(EY Lab)
#8 Lewis B (T218) (Abcam)
GSL-I
MOA
AAA
AAA
LBL
LBL-103
PhoSL
GSL-2
HA70 mutant E297A
Epa1-Np mutant E297A
DSL
Epa1-Np mutant E297G
CVL-1
Sp Serotype 6A
MGL 6A
MGL-Leaving
HML-Leaving
XVI
AFCNOV
PHA-E
PHA-L
CA19-9-126
WFA
Galectin-8
CA19-9 AF (Abcam)
Epa1-Np mutant T296G
ANL
RNA-N
PA-IL
BPL
GNA (EY Lab)
TGFB-2
UEA-I
WT-vCA
Avarol-FC
Sp Serotype
HA-LE
VLRB.aGPA
LSP-1
TDFBA
GAC2
TDFBA
MGL-EB
SBL
SBL
GS-II (EY Lab)
ETA
CA19-9-1B84
MCA-A77
RCA(Vector)
PHA-L
MAL-I
Tuberin
Epa1-Np mutant V296A
VGA
IPS-54-AB8
MGL-54-AB8
CCL-1
DC-ASGPR-10077
PFT
SVB8
CnA
BTL
SNA
SSL-GA88
TL(EY Lab)
ME5(detected with a-HUD)
ME7(detected with a-HUD)
hAA-F11
AFT
SBL
NVP-B-D3
STL

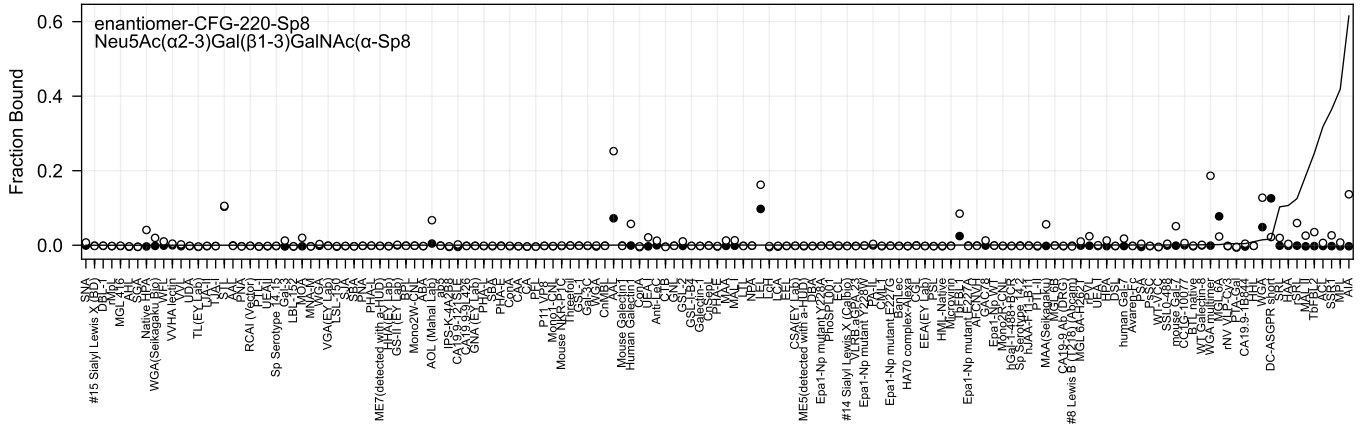

enantiomer-CFG-210-Sp0
Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β-Sp0
Fraction Bound
0.20
0.15
0.10
0.05
0.00
SNA
PNA
HHA(EY Lab)
GS-II(EY Lab)
Bap
AOL (Mabat
Micrococcus
IPS-1(Kaji
GalT3
Bam.ec
WGA mut
PNA
MS-68
MS-68
CC1G-Tro77
SSB1
SSB1
SJA
SJA
Native
WGA(Seikagaku)
PNA
LEL
LEL
UEA
DSL
SBA
UEA
CrA
CrA
Epa1-Np WT
PhoSL
PhoSL
CA19-9 Ab (ORG)
Avidin
Avidin
SBL
SBL
BT1 naive
MGL-6
MGL-6
#14 Sialyl Lewis X (Calbiochem)
#8 Lewis B (WT-1 Ab Adam)
ME7(detected with a HUD)
LEL-1
LEL-1
WT-VCC
MNA
VGA
VGA
VGA(EY Lab)
DBA
DBA
MGL 6A-H2021
SJA
SJA
TAA
TAA
DBA
DSL
DSL
CNL
CNL
GSL-1
GSL-1
CrA
CrA
CGA
CGA
P21 V58
P21 V58
MGL(EY Lab)
CSL(EY Lab)
Moho1 CSL
CSL
Threelgl
Gec18
WGA
WGA
MPL
MPL
ACA
ACA
Mouse Galectin1
Human Galectin1
CPA
CPA
UEA1
UEA1
AIA
AIA
EEL
EEL
MAL-I
PHA-L
PHA-L
PHA-E
PHA-E
MAA
MAA
RCA120
RCA120
RCAI (Vector)
NPA
NPA
PNA
PNA
SBA
SBA
LEL
LEL
Epa1-Np mutant-E127Q
Epa1-Np mutant-E127Q
Sp Serotype 14
Sp Serotype 14
Epa1-Np mutant-E127A
Epa1-Np mutant-E127A
CA19.9-9-126
CA19.9-9-126
Sp CA19.9-1B44
Sp CA19.9-1B44
VVA
VVA-I-B4
Epa1-Np mutant (Y228W)
Epa1-Np mutant (Y228W)
Epa1-Np mutant-E127Q
Epa1-Np mutant-E127Q
GNA(EY Lab)
GNA(EY Lab)
HA70 complex
NPL
NPL
Mono2W-CSL
Mono2W-CSL
hGal-1488
hGal-1488-BCR
RJA
RJA
AF-CHA
AF-CHA
PSL
PSL
GSL-II
GSL-II
PHA-E
PHA-E
ABA
ABA
PHA
PHA
PWM
PWM
ME5(detected with a HUD)
Galectin10
human Gal-7
human Gal-7
NCL(EY Lab)
NCL(EY Lab)
WT Galectin8
WT Galectin8
DC-ASGPR
DC-ASGPR
mouse Gal-7
mouse Gal-7
MAA(Seikagaku)

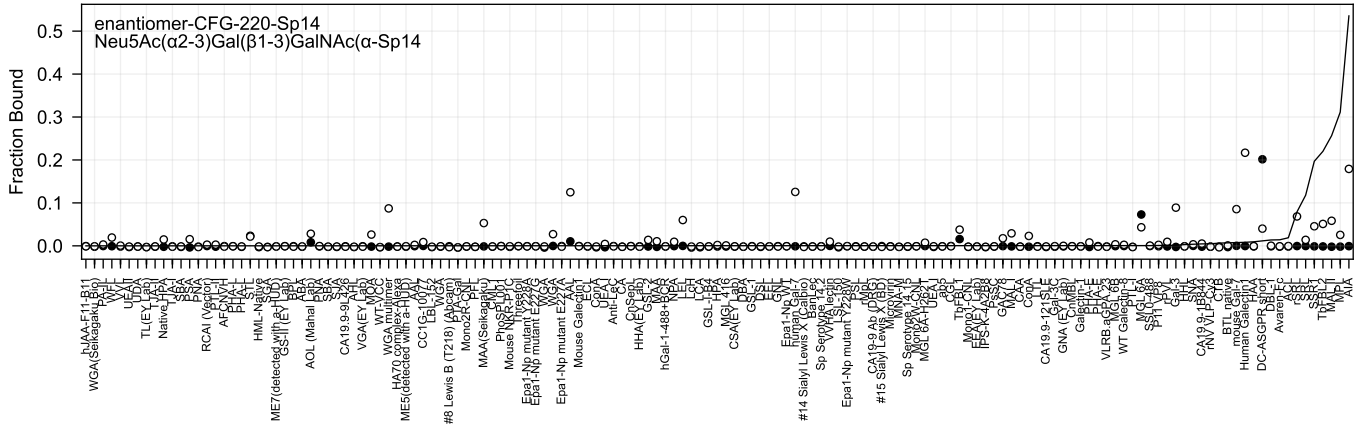

enantiomer-CFG-211-Sp8
Gal3OS(β1-4)[Fuc(α1-3)]GlcNAc6OS(β-Sp8
Fraction Bound
0.6
0.4
0.2
0.0
MGL 6A-H2B2T
CGL
HA70 complex-Alexa
SBA
SGA
WGA(Seikagaku)
VVL
IPS-K-4-OEA
TL(EY Lab)
SBA
PNA
PTL-I
PTA(EY Lab)
UDA
ABA
GSII-B4(EY Lab)
CA19-9 AS(TOSG)
Sp Serotype 1,2,13
DC-SIGNR s-p
#15 Sialyl Lewis X (LD)
WGA
VLRB 9-CP-22
LBA
AAL
MOA
MNA
UEA1
SNA
SIA
GNA(EY Lab)
EEA(EY Lab)
PHA-L
PHA-E
hJAA-FITC
BFL
SSL-1
GSL-2
CAA
Mono2R-CKX
Mono1-CKX
ACG
VCA
Mouse Galectin1
UEA1
DSL
Anti-Leb
GSL-IB4
LCA
CGA(EY Lab)
VGA(EY Lab)
CA19.9-12(TSE)
CA19.9-126
AFP(N)
Microtubin
#8 Lewis B (T218) (Abcam)
VVA(Alexa)
CA19.9-(Biosys)
CA19.9-1116-22
Chromogranin A
CA19.9-9-126
Thrombin
HML-Nano
GAC-28
Mouse NKB-FITC
Epa1-Np mutant E227A
DSA
LSL
SNA(B)
ACL
TxB1
PNA
WT Galectin-8
Pn-1
Pn-2
Ban-1
Ban-2
Naiva HPA
GNA
HPA
BCA
hGal-1-488+BCA
PSL
#14 Sialyl Lewis X (Calbiq)
WFS
SSA
PVL
Epa1-Np mutant Y223A
Epa1-Np mutant E227A
Mono2W-CKX
Epa1-Np mutant H224A(Y289N)
RCA(Vector)
SRL
CGL
Epa1-Np
BTL native
Avaxin-Tr
BP-1
human CA-488
SSL-1
CC-G1-0024
Galectin-1
ME5(detected with a-HD)
ME7(detected with a-HD)
rNV VLP-C-4
mouse GalE
Human Galectin1
SNA
MAL
AOL (Maha Lab)
MAA(Seikagaku)
AAL

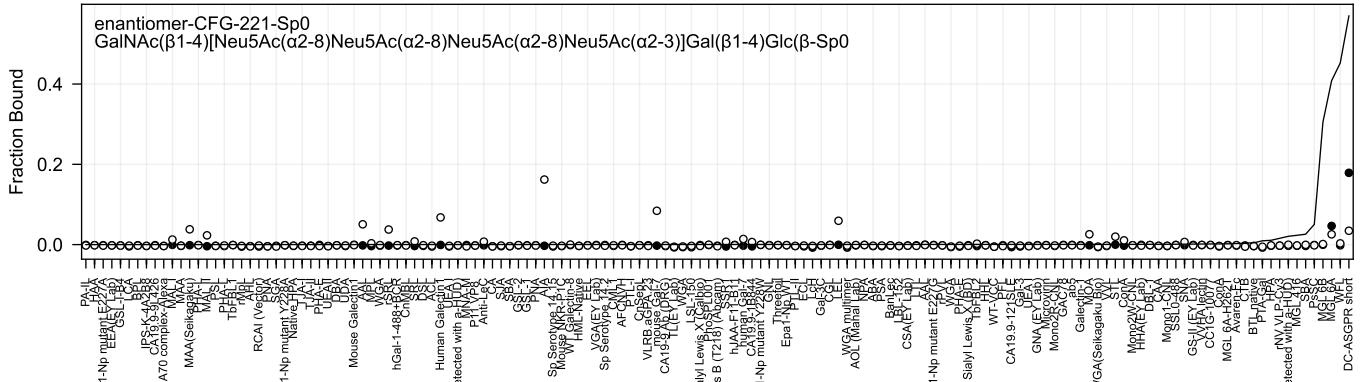

enantiomer-CFG-212-Sp0
Fuc(α1-2)Gal6OS(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
SNA
Jacalin
EEA(EY Lab)
GS-II (EY Lab)
ABA
IPS-K-4A
CA19-9-212
CA19-9-10844
CA19-9-10844
mouse Gal-7
mouse Gal-7
WGA mutant
HA70 complex
WGA(6A)
SSA
SSA
Native SSA
WGA(Seikagaku Bio)
UDA
TJA-I (EY Lab)
GNA (EY Lab)
TJA-II (EY Lab)
HHA(EY Lab)
PNA
Epa1-Np mutant
CA19-9 Ab (BRS3)
CA19-9 Ab (BRS3)
SRL
DC-ASGPR
#14 Sialyl Lewis B1 (native)
#15 Sialyl Lewis X (IBD)
#8 Lewis B (Ab-Pro)
ME7(detected with anti-Lewis B)
ME5(detected with anti-Lewis B)
WT-VGA
VGA(EY Lab)
MOA
SJA
PHA-L
hJAA-F11
ConA
PWA
MAL
MAL
CAA
VFA
P11
NTL
GNL
LCA
PSA
PSL
GSL-I-B4
Mono2R
Mono1
AIA
CoA
Human Galectin1
PTL-I
Mouse Galectin1
WGA
PTL-II
PSL
PHA-E
CTB
Threepel
HPA
Microsper
LSL-I-B4
MNA-M
Epa1-Np mutant
SRL
HML-Neu-y
Epa1-Np mutant
GSL-I-B4
WFL
UEA-I
Mono2W
MGL 6A-H292
MGL 6A-H292
hGal-1-488
APCBV1
LVA
EEL
CSA(MGP-4h)
Mouse NK-1
Mouse NK-1
PhoSL
PhoSL
Galectin-1
MAA(Seikagaku)
WGA
Epa1
Sp Serotype 1-2
SSL-I-B3
Gal-3
Gal-3
Avarol
Epa1-Np
Epa1-Np
MAA-II
Epa1
Sp Serotype 10-15
Epa1-Np mutant
Epa1-Np mutant
WFA
Epa1
AOL (Marine Lab)
Jacalin
UEA-I
RCAI (VECTOR)
AAL

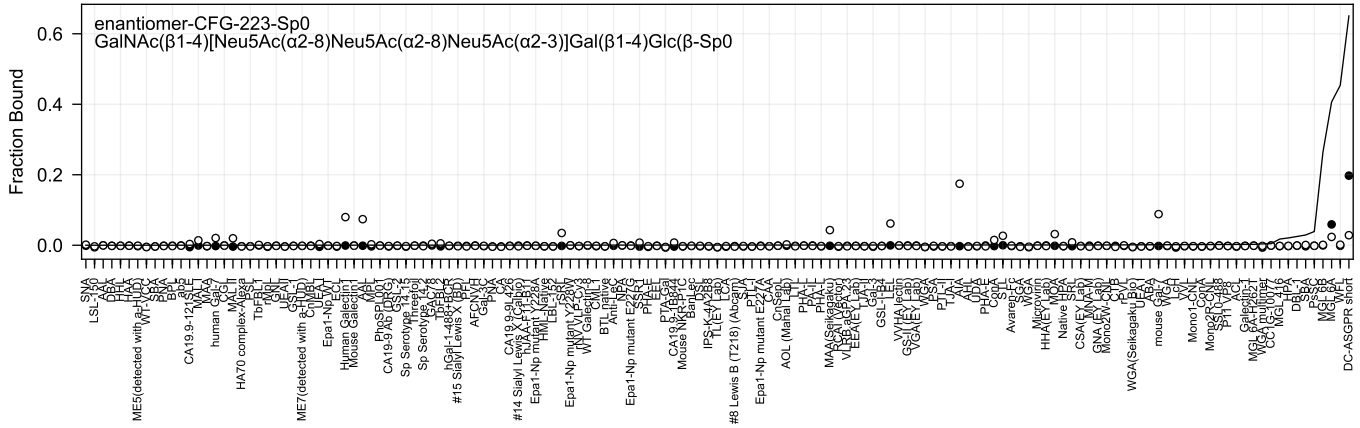

enantiomer-CFG-213-Sp8
Fuc(α1-2)Gal(β1-4)GlcNAc6OS(β-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
BPL
BSA
PNA
HHA(EY Lab)
PHA-L
Mono2R-GAL
SBA
PHA-E
MAA
MAL
EEA(EY Lab)
ECA
MOA
GNA (EY Lab)
VLRB.aGPA
VLRB.aGPC
LBA
Bal-G
MGL
SBA
MGL
MGL
PNA
PHA-L
PAA
PAA
WFA
VVL-VGL
ME5(detected with anti-Ba1H10)
TL(EY Lab)
PNA
PNA
CA19.9-1 FBS
CA19.9-12 FBS
SLE
DC-ASGPR short
Sp Serotype1
Sp Serotype2
ab5
GS-II (EY Lab)
SBA
SBA
PSA
CA19.9 AA
PSA
PNA
ProSP-D (H67)
Epa1-Np mutant X (H80)
CMBL
CA19.9-AA
PSA
PS-K-K288
#14 Sialyl Lewis X (Calbio)
HPA
HPA
TxB
TxB
MGL-Ac6
BMA
Lectin
Mono2R-GNT
GSL-2
GSL-1
CAA
CAA
PA
HA70 control (Ala8)
INVV-VLA
MOA
MOA
HML-SSN1
HPA
PHA-E
AECN-1
VGA (EY Lab)
MGL
GA-H28211
CSA (Seikagaku)
MAA (Seikagaku)
#8 Lewis B (12-9)
Mono1-GNT
TJA-I
TJA-I
VVL
VVL
#15 Sialyl Lewis X (BTG)
Sp Serotype3
SGA
SGA
SGA
MPL
MPL
hAA-EF1
Mouse NKR-P1C
HPA
UEA-I
UEA-I
MAA-II
GNA
DBA
Galectin-3
hGal-1-488-BSA
GSL-I-B4
GSL-I-B4
Epa1-Np mutant E202Q
Epa1-Np mutant E202A
META-Galectin-8
WFA-Galectin-8
Epa1-Np mutant Y238A
WGA(Seikagaku, Bio)
WGA
WGA
Mouse Galectin-1
Epa1-Np WT
CEL
CEL
SNA
RCA I (Vector)
Epa1-Np mutant E227Q
CCHB
Galectin-1
WGA mutant WIPF
APA-Lac
APA-Lac
DSL
DSL
TxB
human Gal-1
CC Gal-1 (0077)
Human Gal-1
WFA lectin
WFA lectin
PTL
PTL
VGA
VGA
SGL
SGL
TxB
TxB
AOL (Malta)
UEA-I
UEA-I
AAL

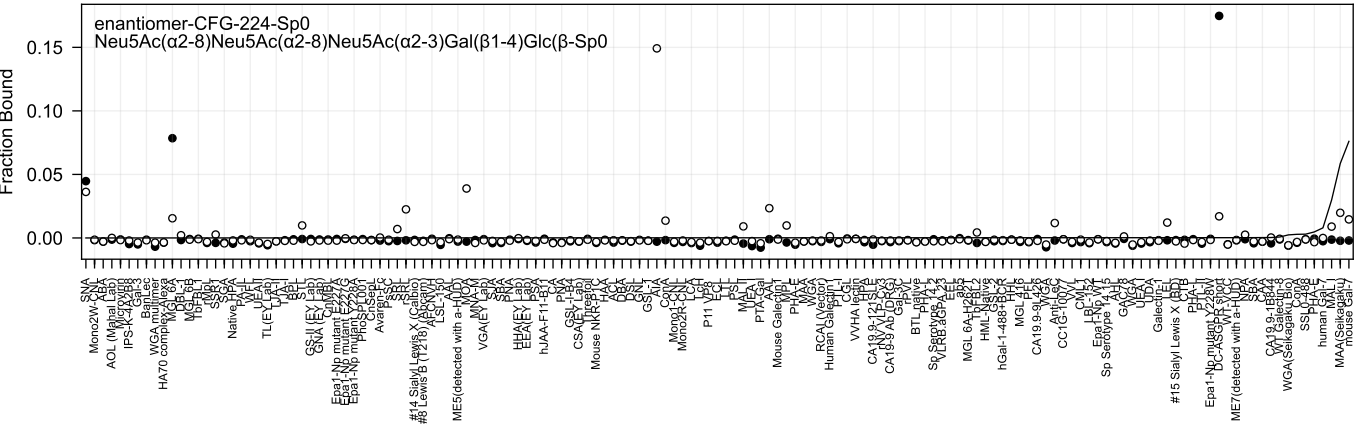

enantiomer-CFG-216-Sp0
Fuc(α1-2)Gal6OS(β1-4)Glc6OS(β-Sp0
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
GNA [EY Lab]
ESL-1 [BC]
LBL-1 [BC]
CSA [EY Lab]
GSL-I [VA]
ACL [EY]
NPA [EY]
WGA(Seikagaku)
MGL [BC]
MAA(Seikagaku)
#14 Sialyl Lewis X (Calbiochem)
PSL [EY]
EEA(EY Lab)
#15 Sialyl Lewis X (BD)
#8 Lewis B (1218) (Abcam)
PHA-E [EY]
hGal-1-488+BME
CNL [EY]
Anti-Chicken Galectin-1
BPL [EY]
PHA-L [EY]
CA19-9 Ab (clone 116NS.1)
PNA [EY]
WGA [EY]
SBA [EY]
SJA [EY]
VGA(EY Lab)
Sp Serotype 14-1.5
CGB [EY]
PJ1 [EY]
DC-ASGPR [Sino]
WT-Y2C
WGA multimer
HA70 complex [Alexis]
MGL [EY]
MGL 6A-H2 [EY]
CAA
Sp Serotype 14-1.5
GS-II (EY Lab)
SGA
Epa1-Np mutant E2
WGA
CNL [EY]
HML [EY]
Native Galectin-1
PNA [EY]
PTL-II
PTL-I
Mouse NKG2D
MGL 416
LCA
WT Galectin-1
AFCS [Sino]
human Galectin-7
Mono2R-CNL
SBA
CA19.9-1
GBS [EY]
Galectin-3
Epa1-Np mutant Y2
NWVLF [EY]
HCA
SSA
mouse Galectin-7
Native Galectin-2
PSA [EY]
hJAA-Fc [Sino]
Microvillin
CA19.9-01
TL(EY Lab)
VLRB.aGPC3
CA19.9-121 [SE]
Mouse Galectin-7
Human Galectin-7
VIA
Galectin-2
Epa1-Np mutant E2
Epa1-Np mutant Y2
DSL-I
GSL-I
MOA
HHA(EY Lab)
HPA [MAG]
CCR1-F10076
Epa1-Np mutant E2
Mono2AF-CNL
SPA
TcEBL2
OPA
SNA
Mouse Galectin-1
BTL [Sino]
ricin
SSLL [Sino]
ABA
ME7(detected with a-PLUD)
COTL
ME5(detected with a-PLUD)
HOL-I
Human Galectin-1
TJA-I [EY]
AOL(Marine Lab)
RCA(Vector)
UEA-I
AAL

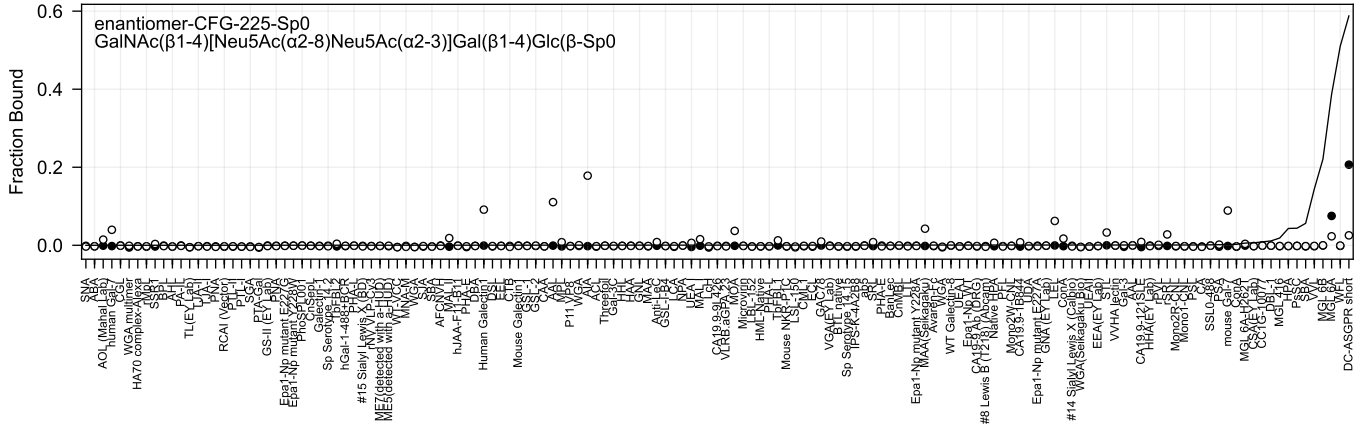

enantiomer-CFG-220-Sp8
Neu5Ac(α2-3)Gal(β1-3)GalNAc(α-Sp8
Fraction Bound
0.6
0.4
0.2
0.0
#15 Sialyl Lewis X
DSL-1
MGL-4/6
ASL
Native
EPA
WGA(Seikagaku)
PNA
VVHA (eqm)
UDA
TL(EY Lab)
VVA
SJA
SAL
ENA
RCAI (Vector)
PSA-1
LEL-18
Sp Serotype 14
Gal-3
LBA
MOA
MVA
VGA(EY Lab)
LSL
SJA
SRA
PHA-L
PHA-E
ME7(detected with EY Lab)
GS-II (EY Lab)
BPL
Mono2W
CNL
AOL (Mahal Lab)
BSL
IPS K-4-488
CA19.9-1-1-SEP
CA19.9-1-1-426
GNA (EY Lab)
PHA-P
SBA
PSL
PNA
CCA
CCL
P11
TEL
Monos-CNL
Mouse Nitrotyrosyl
GSL-I-B4
GSL-I-A4
Galectin-1
Galectin-3
CMG
WGA
CMG
Mouse Galectin-1
Human Galectin-1
Galectin-3
UEA-I
Anti-CTB
CTB
SSL-7
GSL-I-B4
GSL-I-A4
Galectin-1
Galectin-3
PSA
PHA-E
MAL-I
MAL-II
NPA
LCA
LEL
EEL
CSA(EY Lab)
ME5(detected with a-HCD)
Epa1-Np mutant Y228A
PhoSH-CNL
#14 Sialyl Lewis X (Calbiochem)
Epa1-Np mutant Y228W
Epa1-Np mutant F227A
Epa1-Np mutant F227G
BPA Lec
HA70 complex
CGF
EEA
EEA(EY Lab)
HML-Native
MPL
PEBP1
Epa1-Np mutant K200A
Epa1-Np mutant K200V
GAC-4
Epa1
Morgan-CNL
Gal-1-488-B-2
RAA-PB-B-11
RAA-PB-B-21
MAA(Seikagaku)
MGRB
CA19.9-A(Abcam)
#8 Lewis B (T218)(Abcam)
MGL 6A-H-B2
UEA-I
DSL
human Galectin-7
Anti-PSA
WT-TSSP
SSL0-488
CRCIgG-10677
WT-Balb/c native
WGA-rituximab
rNV VP-CY3
CA19.9-1-1-(Abcam)
PHL
DC-ASGPR
VICIA
SRL
SRL
TJA-I
MAL-I
ACL
SNA
AIA

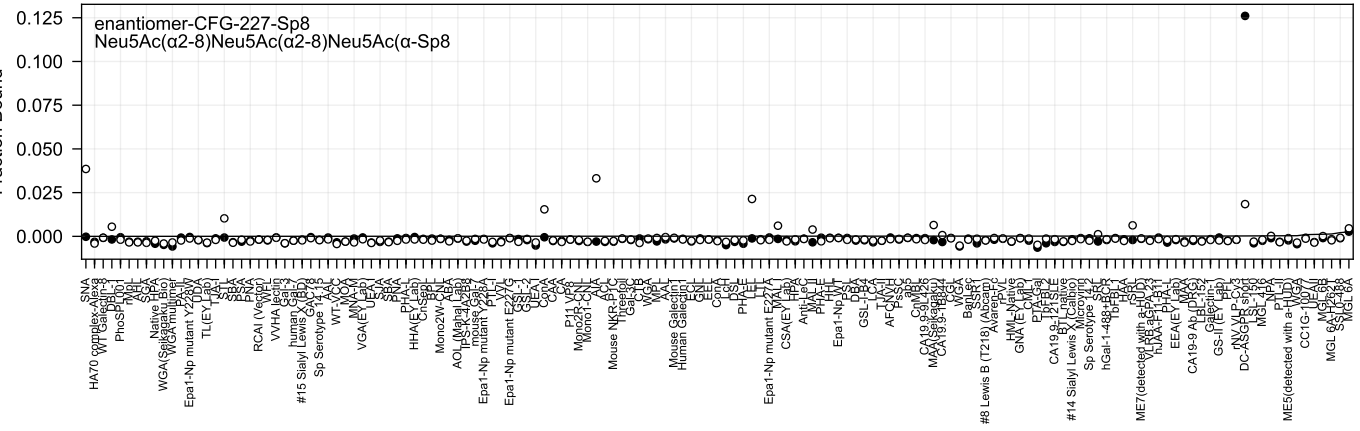

enantiomer-CFG-220-Sp14
Neu5Ac(α2-3)Gal(β1-3)GalNAc(α-Sp14
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
hAA-F11-B11
WGA(Seikagaku)
PAA
WY
UEA1
TL(EY Lab)
Native LFA
SBA
BSA
RCAI (Vector)
PNA
ACL
PHA-L
PHA-E
ECL
HML-Native
ME7(detected with a-
GS-II (EY Lab)
AEA
AOL (Mahal lab)
PRA
SNA
CA19-9-9-126
VGA(EY Lab)
AIA
MOR
WTA
WGA mutant
HA70 complex-Alexa
ME5(detected with a-
AAL
CC1(Gal10)
CC1(Gal10)-F2
WGA
#8 Lewis B (T218) (Alexa-
Mono2R-PSL
MAA(Seikagaku)
PhoSL
Mouse NKR-P1C
Epa1-Np mutant Y229A
Epa1-Np mutant E227A
WGA
Epa1-Np mutant E227A
ZAA
Mouse Galectin-1
GDA
UEA1
AntUEA1
CA
HHA(EY Lab)
CrSeA(Lab)
GNA
hGal-1-488+BSA
NEA
LCA
GSL-I-B4
MGL-1-488
CSA(EY Lab)
GSA
GSL-I-A4
DSL
GNL
Epa1-Np 077
#14 Sialyl Lewis X (Calbio)
Sp Serotype 1-22
VVHA(lectin)
Epa1-Np mutant Y229W
MGL
CA19-9 Ab (DSL)
#15 Sialyl Lewis X
Wa(Kyoto)
MAA-10
Sp Serotype 1-22
Mono2R(Vector)
MGL 6A-1-UEA1
abo
TxFBL
TxFBL
MAA(EY Lab)
EPA
IPSK-A2398
GNA
MAA
CoA
CA19-12(SLE
CA19-12(Gal-3C
GNA (EY Lab)
Galectin-1
PHA-E
VLRB.a(Lab)
MGL 68
WT Galectin-3
MGL-68
SNA(Vector)
PA1-1398
TPA
CA19-9
CA19-9-BSA
rNVLP-C-C4
BTL native
mouse Galectin-7
Human Galectin-7
HAA
DC-ASGPR
Dectin
Avarol
SBT
SBT
SBT
TxFBL
MGL
AIA

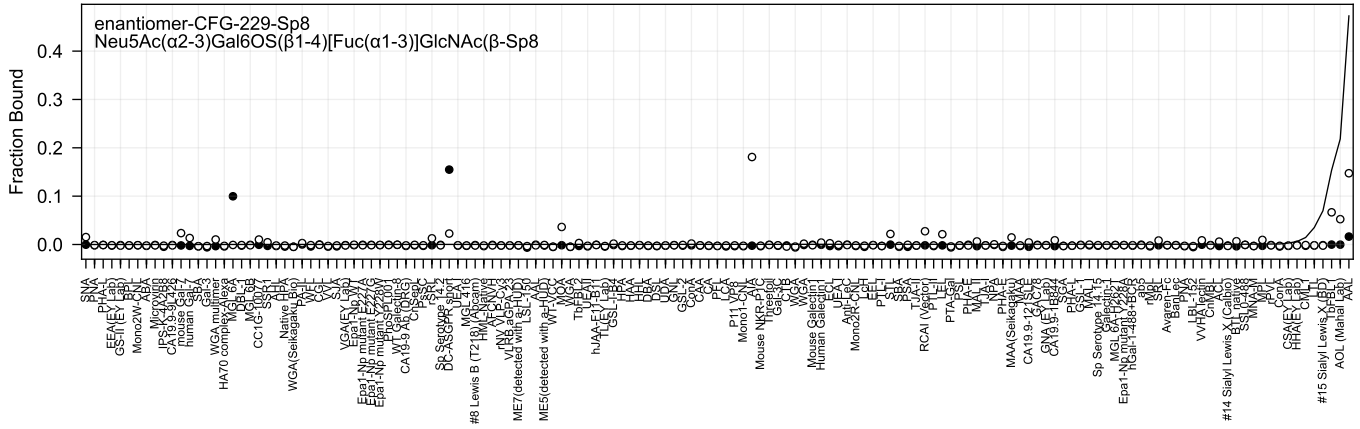

enantiomer-CFG-221-Sp0
GalNAc(β1-4)[Neu5Ac(α2-8)Neu5Ac(α2-8)Neu5Ac(α2-8)Neu5Ac(α2-3)]Gal(β1-4)Glc(β-Sp0
Fraction Bound
0.0
0.2
0.4
PA-IL
FAA
Epa1-Np mutant E227A
EEA
GSL-I-B4
BCA
BPA
JPSeK-14-A288
HA70 complex-Alexa
NAA
MAA(Seikagaku)
MAL-I
PSL
TJA-II
TCFB-L1
ANL
ABA
RCAI (Vector)
SSA
Epa1-Np mutant Y228A
NaveA
JAC
PNA-II
UEA-I
PTA
DSA
ACL
Mouse Galectin-1
CBA
MPL
VVA
VSA
hGal-1-488-Black
CNA
SBA
DSL
ASL
Human Galectin-1
ME7(detected with anti-HUO)
PWM/M
Anti-Lec
SJA
SPA
GSL-1
PNA
Sp Serotype 14-18
Mouse Galectin-8
VVA
HML-Native
VGA(EY Lab)
Sp Serotype 4-1
AFA
OnSepi
VLRB aGPA 72
CA19.9-SAE (PRG)
TL(EY Lab)
#14 Sialyl Lewis X (SLe-150)
#8 Lewis B (T218) (Absam)
BnSP(B01)
hJAA-F11B1
CA19.9-B244
Epa1-Np mutant Y226W
Tnfeqlq
Epa1-Np WT
TF
ECL
Gal-3C
CEL
WGA multimer
AOL (Marina)
NBA
ABA
BanLec
CSA(EY Lab)
LTL
Epa1-Np mutant E227S
FGA
WGA
#15 Sialyl Lewis b (FBP2)
THL
WT-PGP
CA19.9-12-SLE
DEA1
GNA (EY Lab)
Mono2(Glycoth)
Mono2(SCI)
GSL-I-A4
Galectin-1
WGA(Seikagaku Bio)
STL
Mono2W-CONA
HHA(EY Lab)
DBA
Mgat1-CONA
SSL-I-CONA
SNA
GSL-I(EY Lab)
CC1G-L0077
MGL 6A-H2824
Avarol-TFB
BTL-native
PHA
PHA-L
ME5(detected with VLP-C3)
MGL 410
MGL 6B
SSA
MGL 6A
WFA
DC-ASGPR short

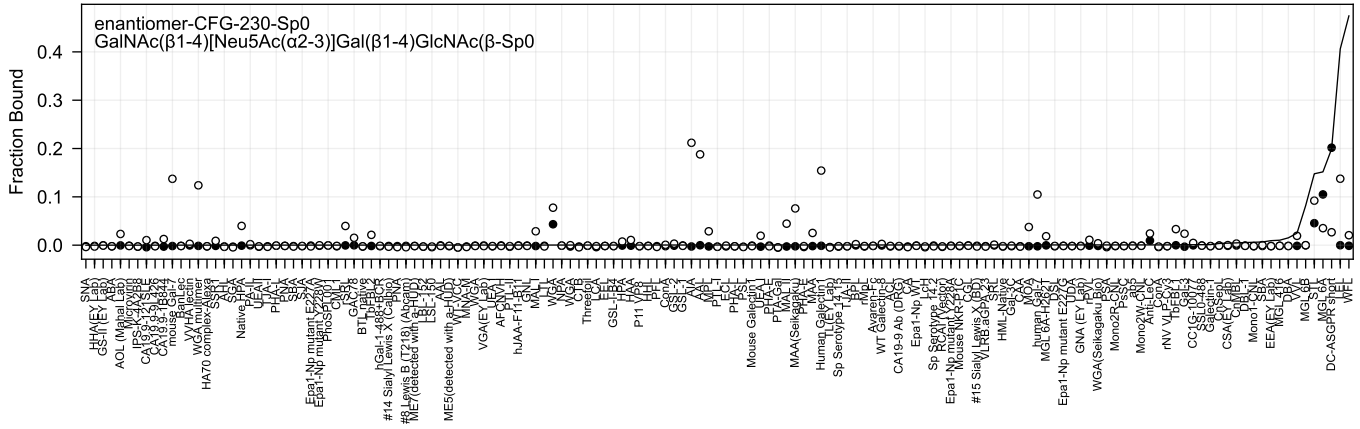

enantiomer-CFG-223-Sp0
GalNAc(β1-4)[Neu5Ac(α2-8)Neu5Ac(α2-8)Neu5Ac(α2-3)]Gal(β1-4)Glc(β-Sp0
Fraction Bound
0.6
0.4
0.2
0.0
LSL-190
ABA
ABK
DBA
HPA
UEA
WT-Xylose
ACA
BRA
BPL
PNA
CA19.9-12(SLE)
SNA
MAA
human Galectin-7
MAL II
HA70 complex-Neuraminidase
TcFBP
RCA
GNL
GEAI
ME7(detected with a-TUD)
CHIA
Epa1-Np WT
Human Galectin-1
Mouse Galectin-1
MAH
PhoSL
CA19-9 AS (DG)
GSL-I-B4
Sp Serotype 14
Threonyl Glc
Sp Serotype 23F
DSA
DBL-1
hGal-1-488
#15 Sialyl Lewis X (BD)
AFG
NPA
Gal-3
PGA
CA19.9-0-126
#14 Sialyl Lewis X (BD)
PVA-A-F(B)
Epa1-Np mutant Y-247A
HIA
LBL-196
Epa1-Np mutant Y-280W
WT Galectin-3
BTA
Anhalave
NEA
Epa1-Np mutant E-247A
ESA-1
PNA-F
PLEE
CA19.9-Gal
Mouse NK-BRHC
Banlec
IPS-1-A-288
TL(EY Lab)
#8 Lewis B (T218) (Abcam)
PTA
Epa1-Np mutant E-247A
CnSep
AOL (Mahal Lab)
PHA-L
PHA-E
MAA(Seikagaku)
VVA-B-4
LEA(EY Lab)
Gal-8
LEL
GSL-I-A4
VVA(EY Lab)
VGA(EY Lab)
PSA
PTA-I
AIA
ODA
PHA-E
CVN
SNA
Avarex-F
WGA
Mouse
HHA(EY Lab)
MOA
Native SRA
CSA(EY Lab)
GNA-EY
Mono2W Lab
CTB
UEA
WGA(Seikagaku)
DSA
mouse Gal-9
WGA
VVL
Mono1-Conk
Mono2R-Conk
PNA-F
AC1
Galectin-8
MGL-64 H2821
WGA (Bruguiera)
CCA (Nuphar)
MGL-416
DBL-1
PSA
MGL-88
MGL-66
WPL
DC-ASGPR short

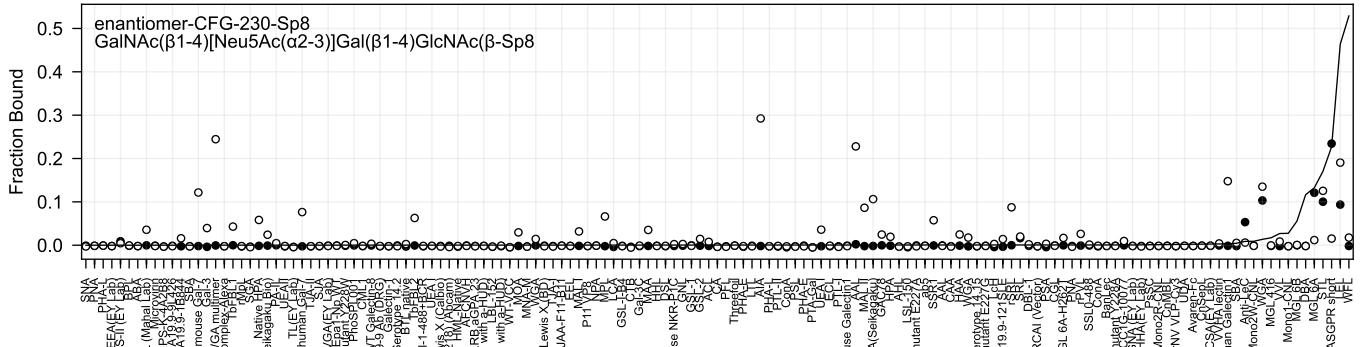

enantiomer-CFG-224-Sp0
Neu5Ac(α2-8)Neu5Ac(α2-8)Neu5Ac(α2-3)Gal(β1-4)Glc(β-Sp0
Fraction Bound
0.15
0.10
0.05
0.00
SNA
Mono2W-SNA
LEA
AOL (Mahal. lab)
WFL(Vector)
IPS-K-4(Lab)
GalA
BanLec
WGA complex lectins
HA70 complex lectins
MGL-6A
MGL-6B
TBT-1
SSBY
ACA
Native PNA
VVA
TxLE
UEAI
TL(EY Lab)
VFL
PAL
SJL
GSL-I (EY Lab)
GNA (EY Lab)
Epa1-Np mutant E227G
Epa1-Np mutant E227A
Epa1-Np mutants F228A
Proteus mirabilis
CnSepI
Avarol
SSL
SBL
#14 Sialyl Lewis X (Calbio)
#8 Lewis B (1216 Jacksonw)
[Lst-1 sp]
ME5(detected with a-HUD)
MAL
MAA
VGA(EY Lab)
SNA
SLA
PNA
HHA(EY Lab)
EEA(EY Lab)
hJAA-F11-Fc
PCA
PCL
GSL-I-B4
CSA(EY Lab)
Mouse NKR-P1C
HAA
DBA
GNL
GSL-I-A4
ConA
Mono1-ConA
Mono2-ConA
LCA
P11
VSB
ECL
PSL
MPA
PTA-Gal
Mouse Galectin-1
MPL
PHA-E
WAA
WGA
RCA(Vector)
Human Galectin-1
CGL
VVHA lectin
EPA
CA19.9-125 SLE
CA19.9 AD (DRG)
CA19.9 AD (Kit)
GalNAc
BTL (native)
Sp Serotype 12
Sp Serotype 14
VLRB.4GP.E25
ABA
MGL 6A-HPB12
MGL 6B-HPB12
HML (Native)
hGal-1-488+BC5
MGL 1-1
MGL 1-2
CA19.9-WGA
Amitogen
CC1G-HPB
VVV
LBCW12
LBL
Epa1-Np WT
Sp Serotype 1
AIL
GNA
UEA1
Galectin-1
#15 Sialyl Lewis X (EY Lab)
CTB
PHL
PHA-L
Epa1-Np mutant Y226W
DC-ASGPR (WT SYGC)
ME7(detected with a-HUD)
SGA
CA19.9-1B44
CA19.9-1B44
WT Galectin-3
WGA(Seikagaku)
human Gal-3
SSL(Lab)
human Gal-7
MAA(Seikagaku)
mouse Gal-7

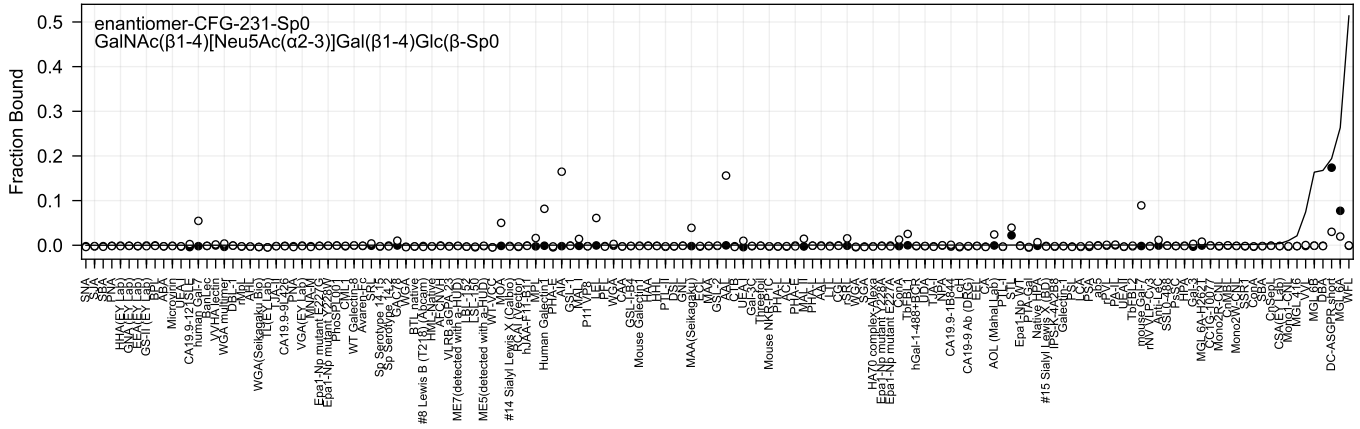

enantiomer-CFG-225-Sp0
GalNAc(β1-4)[Neu5Ac(α2-8)Neu5Ac(α2-3)]Gal(β1-4)Glc(β-Sp0
Fraction Bound
0.6
0.4
0.2
0.0
SNA
SBA
AOL (Mahal Lab)
GSL
WGA murine
HA70 complex
MAL
SSL
AAL
TL(EY Lab)
UEA
PNA
RCAI (Vector)
SGA
GS-II (EY Lab)
PTA-Gal
PHA-L
Epa1-Np mutant F229G
Epa1-Np mutant E228G
Phos-Tag001
Galectin-1
Galectin-3
Sp Serotype 1-2
hGal-1-488-BP-2
#15 Sialyl Lewis X (Ito)
RVVVLD-Sp3
ME7(detected with a-HUD)
ME7(detected with a-HUD)
WFA
MVL
WGA
SNA
AFP
GNA
hJAA-F (Yu Lab)
PHA-E
Human Galectin-1
PSL
CTB
Mouse Galectin-1
GSL-I
GSL-2
ACA
MPL
P11
WGA
ACL
Toxoplasma
Galectin-7
HPA
GNL
MAA
Apt-1-B3
GSL-I-B4
NPA
MPA
LCA
CA19-9 (Ito)
LG
VCAM-1 (Ito)
MOA
Mycoplasma
HML
Native
TKB-1
Mouse NK-1
LSL-1-150
CML-1
VCAM-1 (Ito)
GAL8 (Lab)
Sp Serotype 11-18
hPSA-4-488
SBL
SAE
Barley
PWM
CNL
Epa1-Np mutant Y228A
MAA(Vector Lab)
WGA
WT Galectin-1
CA19-9
CEA
Epa1-Np (WRG)
CA15-3
#8 Lewis B (12-18) (Ito)
Epa1-Np (Ito)
Native
BPL
CA19-9 (Ito)
MOA
Epa1-Np (WRG)
Epa1-Np GNA(EY Lab)
CEA
#14 Sialyl Lewis X (Calbio)
WGA(Seikagaku)
DSL
EEA(EY Lab)
VVHA (Lab)
Galectin-3
CA19-9 (Ito)
SLE
HHA(EY Lab)
PSL
Mono2R
SSL
Mono1
PSA
SSLD-488
mouse Galectin-9
MGL 64-1-488A
SSA(EY Lab)
CCL19
DSL
MGL 416
PSL
SSC
SPA
MGL 68
WFA
DC-ASGPR short

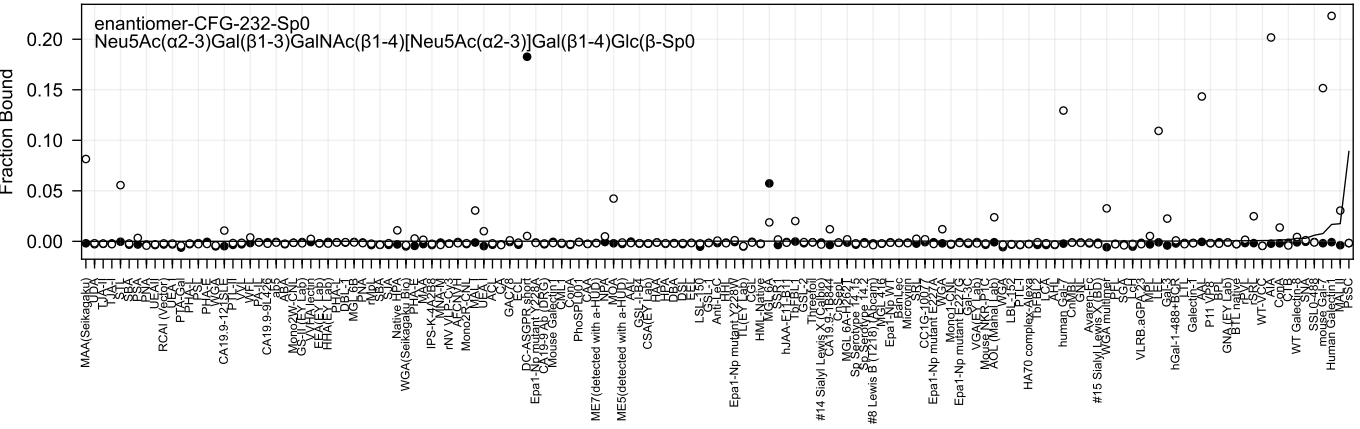

enantiomer-CFG-227-Sp8
Neu5Ac(α2-8)Neu5Ac(α2-8)Neu5Ac(α-Sp8
0.125
0.100
0.075
0.050
0.025
0.000
SNA
HA70 complex-Alexa
WT Galectin-3
PhoSL
Native SSA
WGA(Sekagaku, Bio)
WGA multimer
Epa1-Np mutant Y228W
TL(EY Lab)
SBA
PNA
RCAI (Vector)
VVHA (Leng)
human Gal-3
#15 Sialyl Lewis X (Calbio)
Sp Serotype 14
WT MOG
VGA(EY Lab)
SBA
PNA
HHA(EY Lab)
Mono2W-CNL
AOL (Mahal Lab)
Epa1-Np mutant Y228A
Epa1-Np mutant E227G
GSL-2
UEA-1
CAA
P11 VSB
Mono2R-CNL
Mono1M-CNL
AIA
Mouse NKR-P1C
Threefold
GCTB
WGA
AAL
Mouse Galectin-1
Human Galectin-1
ECL
EEL
CorA
DSL
PHA-E
Epa1-Np mutant E227L
WAL
CSA(EY Lab)
HPA
Ara h 1
PHA-L
PHA-E
Epa1-Np
PSL
GSL-I
TJA-I
AFN(YH Lab)
PSA
CA19 9-12
CoMB
MAL (Seikagaku)
CA19 9-18
WGA
BSL
#8 Lewis B (T218) (Abcam)
Alanine
PVL
HMA(Native)
GNA(EY Lab)
CML
TFA
CA19 9-12TSLE
#14 Sialyl Lewis X (Calbio)
Sp Serotype 23
hGal-1-489
SSL
PTL-I
PHA-L
EEA(EY Lab)
MAA
CA19-9 Ab (DSB)
Galectin-1
GS-II (EY Lab)
NSA
DC-SIGN-Fc
SSL-28
MGL-1
MGL-2
PTL-II
ME5(detected with a-Sp8)
WGA
CCT6-1(PA)
MGL-1
MGL 6A
SSL-28
MGL 6A

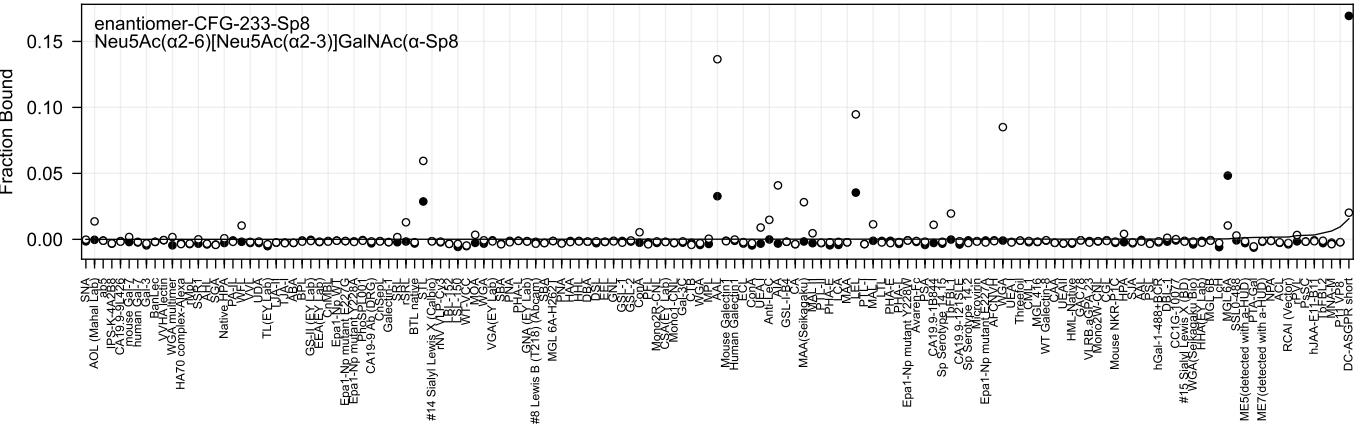

enantiomer-CFG-229-Sp8
Neu5Ac(α2-3)Gal6OS(β1-4)[Fuc(α1-3)]GlcNAc(β-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
0.4
SNA
SNA
PNA
PNA-1
EEA(EY Lab)
GS-II (EY Lab)
Mono2W_BN
ABA
Mono2W_ABA
MicrX268
CA19.9-4.428
mouse Sp8
human Sp8-1
SBA
WGA multimer
WGA monomer
HA70 compound
MAL-6A
DBA
MOR03
CC1G-10D-7
SBI
Sp8
Native HPA
WGA(Seikagaku)
PNA-II
VVL
VVL
VVA
VGA(EY Lab)
Epa1-Np mutant 1
Epa1-Np mutant 2
Epa1-Np mutant 3
Epa1-Np mutant 4
Epa1-Np mutant 5
WT Salecan-S
CA19.9 Ab
CA19.9 Ab
Sp Serotype 14.2
Sp Serotype 14.2
DC-ASGPR
HPA
MGL 416
MGL 416
HMC-Mab-6
VVL
VVL
VVA
VVA
VGA
VGA
ME7(detected with ab-1)
VRA
VRA
ME5(detected with ab-1)
WT-VVL
WT-VVL
MOR
MOR
WGA
WGA
Tn
TF
hJAA-E17-B11
GSL (EY Lab)
HPA
HPA
HPA
DBA
DBA
UDA
UDA
SNA
SNA
GSL
GSL
CoA
CoA
PCA
PCA
PTA
PTA
P11
VR8
Mono1-CM
Mouse NKR-P1C
NKR-P1C
Gal3C
Gal3C
VVL
VVL
WGA
WGA
Mouse Galectin-1
Human Galectin-1
UEA-1
UEA-1
Ann-Leg
Mono2R-CM
CM
pTEL
pTEL
STL
STL
SBA
SBA
UJA-II
UJA-II
RCAI (Vector)
VVL
VVL
PTA
PTA-1
PSL
PSL
MAL-1
MAL-1
NJA
NJA
PHA-E
PHA-E
MAA(Seikagaku)
MAA
CA19.9-12(SC)
CA19.9-12(SC)
CA19.9-1-B244
CA19.9-1-B244
GNA (EY Lab)
PDA-1
PDA-1
CAL-1
CAL-1
Sp Serotype 14.15
Sp Serotype 14.15
MGL 64-2621
MGL 64-2621
Epa1-Np mutant 1-B
Epa1-Np mutant 1-B
hBaP-1B3-2B3-8
hBaP-1B3-2B3-8
ABO
ABO
SBL
SBL
Avaren-Fc
Avaren-Fc
BanPX
BanPX
CNBL
CNBL
VVH-B1-132
VVH-B1-132
#14 Sialyl Lewis X (Calbio)
#14 Sialyl Lewis X (Calbio)
STL (EY Lab)
STL (EY Lab)
MMA
MMA
MAL
MAL
ConA
ConA
HRA(EY Lab)
HRA(EY Lab)
CML
CML
#15 Sialyl Lewis X (BD)
#15 Sialyl Lewis X (BD)
AOL (Mahal Lab)
AOL (Mahal Lab)
AAL

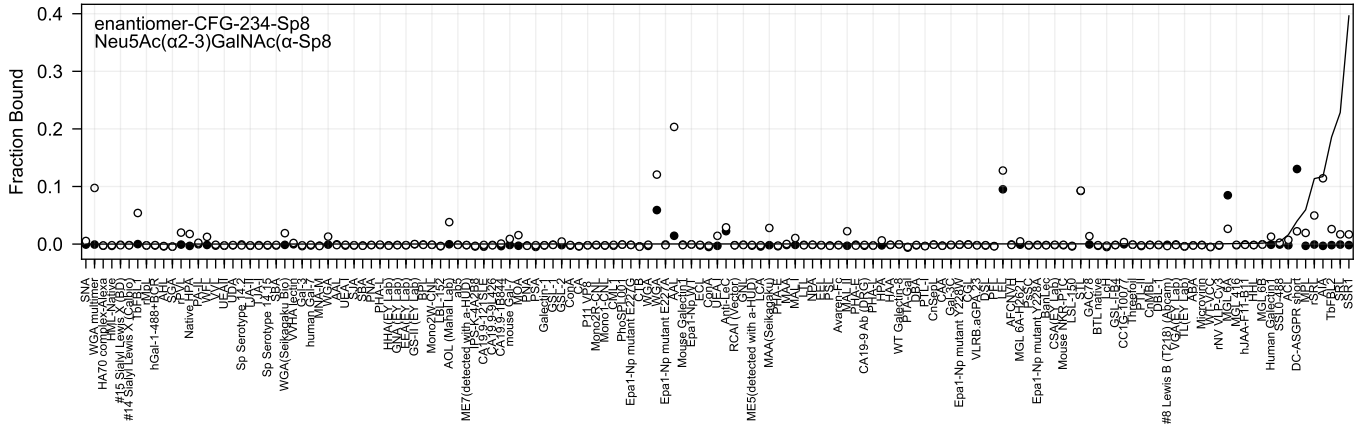

enantiomer-CFG-230-Sp0
GalNAc(β1-4)[Neu5Ac(α2-3)]Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.0
0.1
0.2
0.3
0.4

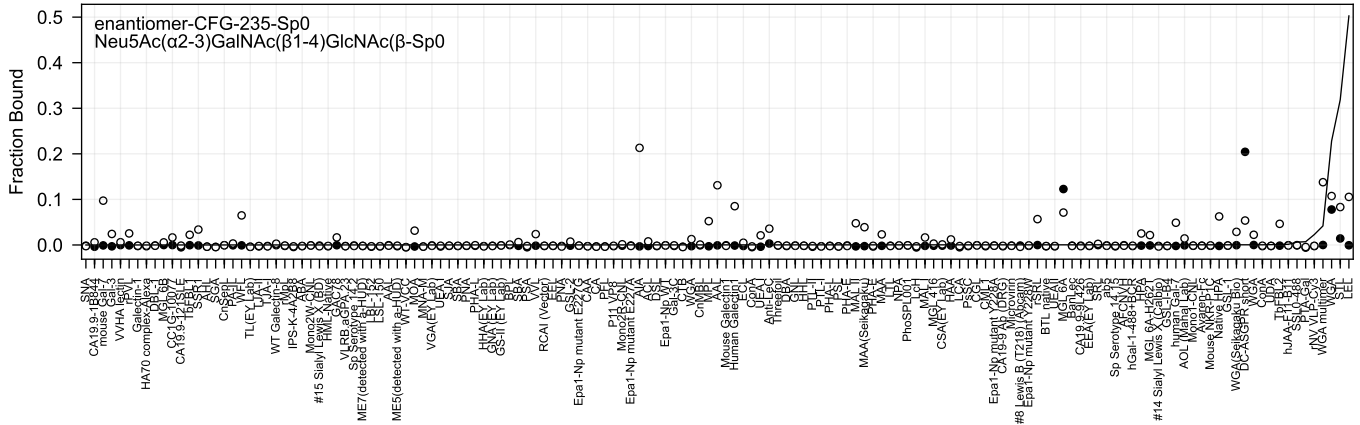

enantiomer-CFG-230-Sp8
GalNAc(β1-4)[Neu5Ac(α2-3)]Gal(β1-4)GlcNAc(β-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
SNA
BNA
PHA-L
EEA(EY Lab)
GS-II (EY Lab)
RBA
AOL (Mahal Lab)
IPS-1(Ax268)
CA19.9-Ha428
SBA
mouse Gal-3
WGA mutimer
HA70 complex
rcBEC9
SVA
Native PA
WGA(Seikagaku)
UEAII
TL(EY Lab)
human Gal-7
VVA
VGA(EY Lab)
Epa1-Np mutant Y223W
PhoSCN01
WT Galectin-3
CA19.9 (Galectin-3)
Sp Serotype 14.2
BT-PBK2
hGal-1-488-LEA
#14 Sialyl Lewis X (Calbio)
#8 Lewis B (TZ Lab)
ME7(detected with g.t.Tu0)
ME5(detected with LBT-U02)
WT-XCC
MNA-M
#15 Sialyl Lewis X(Bio-Ra)
hJAA-F11
PELL
P11
MAL
NPA
MEA
GSL-I-B4
Gal-3C
MAA
BSL
Mouse NKR-GNL
GSL-I
ACA
PCA
Thrombal
PNA-LE
AIA
PTL-I
CBA
PHA-E
PTL-II
DBA
PHA-P
UEAI
PTG
Mouse Galectin-1
MAL-I
MAA(Seikagaku)
GNA
HPA
ECA
LSL-I-55
Epa1-Np mutant E22/Z
SSA
SBT
AAL
HAA
VVA-B4
Sp Serotype 14.2
Epa1-Np mutant E22/G
CA19.9-121
SLE
SBE
RCAI (VeBiOx)
DBL-1
BPL
MGL 6A-H
PNA
SSL-I-48
ConA
Epa1-Np mutant Y223Q
Bovine-A
SVA(EY Lab)
HHA(EY Lab)
Human Galectin-1
SBA
Anti-CRP
Mono2W-CRP
MGL-1-16
Mono1-CV
MGL-CB
MGDBA
STL
DC-ASGPR s/p
PNL
WFL

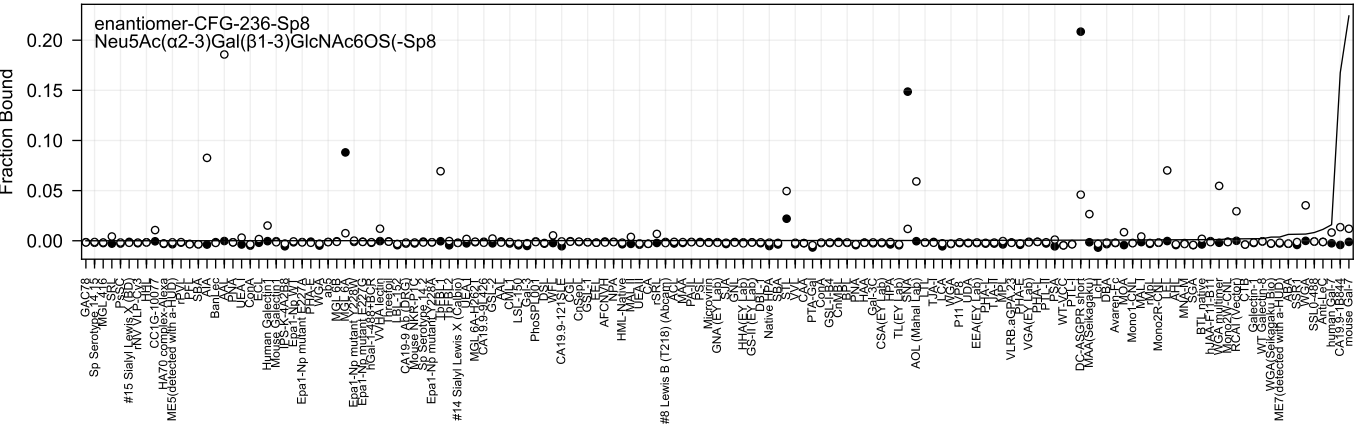

enantiomer-CFG-231-Sp0
GalNAc(β1-4)[Neu5Ac(α2-3)]Gal(β1-4)Glc(β-Sp0
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
SNA
SNA
SRA
SRA
LHA(EY Lab)
LEA(EY Lab)
GS-II (EY Lab)
ABA
Microvirin
CA19.9-12(SLX
human Galectin-7
WGA Lectin
WGA mutant
TVIA
WGA(Seikagaku Bio)
TL(EY Lab)
CA19.9-9(Z
VGA(EY Lab)
Epa1-Np mutant Y229Y
Epa1-Np mutant Y229Y
PhoSL
PhoSL
WT Galectin-8
Avarol-B
SRL
Sp Secretory 1+2
Sp Secretory 1+2
GAA
BTL native
AEEA(Vector Lab)
VL RBA (Vector Lab)
LBL-152
LBL-152
ME7(detected with α-Fuc)
ME5(detected with α-Fuc)
WT
WOX
#8 Lewis B (T2 Lab)
#14 Sialyl Lewis X (Calbio)
hJAA-F11-B17
MPL
Human Galectin-1
PHA-E
PHA-L
GSL-I
MAL
P11
PE
PE
WGA
CSA
Mouse Galectin-1
HIA
HIA
PTL-II
GRL
MAA(Seikagaku)
MAA
GSL-II
CTB
UEA-I
Gal-3C
Mouse NK receptor
PHA-P
ACE
PAA
MAL II
AAL
CCL
SBL
VGA
HA70 complex-A/H3
Epa1-Np mutant E227A
Epa1-Np mutant E227A
TBP-1
hGal-1-488-BCR
TJA-I
CA19.9-1-BSA
CA19.9 Ab (DEL)
CA
AOL (Mahal Lab)
SJA
Epa1-Np
PTA-Gal
Neu5Ac (BD)
#15 Sialyl Lewis X (BD)
IPSA-4-A289
Galectin-1
PSA
PSA
ABO
PA-IL
PA-IL
TbGal-7
TbGal-7
rMOUSE Gal-7
rVAR-Gal-3
SSL2-488
TKA
TKA
MGL6A-H0067
CCL2-H0077
Mono2-CMBL
Mono2-CMBL
Mono2-SSL1
CorA
CorA
CGB
CSA(EY Lab)
MGL 4-18
MGL 4-18
MGL VAB
DC-ASGPR
DBA
MGL 6-18
WFL

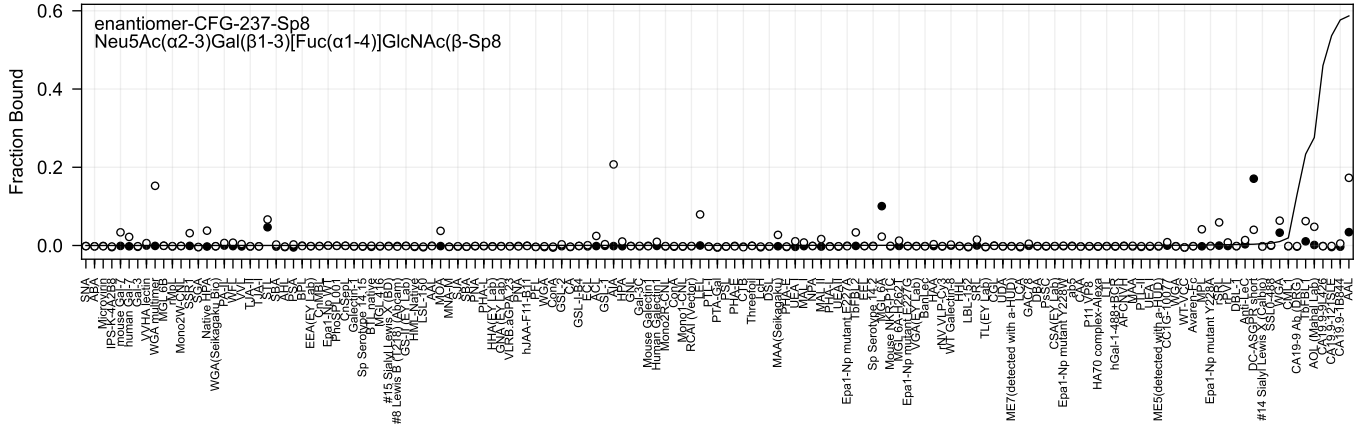

enantiomer-CFG-232-Sp0
Neu5Ac(α2-3)Gal(β1-3)GalNAc(β1-4)[Neu5Ac(α2-3)]Gal(β1-4)Glc(β-Sp0
Fraction Bound
0.20
0.15
0.10
0.05
0.00
MAA(Seikagaku)
TJA-I
TJA-II
SNA
SNA-I
SNA-II
BPL
UEA-I
RCAI (Vector)
PTA
PTA-II
PHA-E
PHA-L
CA19.9-12 (Vector)
PSA
VVL
CA19.9-Lab
ABA
Mono2W (Vector)
GSL-I (EY Lab)
EEA (EY Lab)
HHA (EY Lab)
PNA
DBA
MPL
PGM
SBA
Native PNA
WGA(Seikagaku)
BJA-B
MAA
IPS-K-Ag
rNV MAA-Ig
rNV AEA-Ig
Mono2 (Vector)
UEA
AIA
ACL
GAL
C8
DC-ASGPR short
Epa1-Np mutant Y229W
Mouse Galectin-1
CML
PhoSP-1001
ME7(detected with a-HUD)
WGA
ME5(detected with a-HUD)
GSL-I-B4
CSA(EY Lab)
FAP
HPA
DSA
DBA
EEL
LSL
GSL-I
Anti-Hel
Epa1-Np mutant Y229W
TL(EY Lab)
CSL
HM
Native SSA
SSA
hJAA-1
LFB-1
GSL-2
TJ(Calbiochem)
#14 Sialyl I Lewis X (Calbiochem)
CA19.9-TBS42
MGL 6A-TBS41
Sialosphere 1+2
Sialosphere 1+2
#8 Lewis B (T2180) (Accrate)
Epa1-Np WT
Man-lec
MPA
SSL1
CC16-10077A
Epa1-Np mutant E227A
WGA
Mono1 (Vector)
Epa1-Np mutant E227G
VGA(EY Lab)
Mouse NKR-P1C
AOL (Mamal Wea)
LBP-1
HA70 complex
Tdg-1
PCA
AJL
human CD69
CD69L
Avarol
#15 Sialyl I Lewis X (TBD)
WGA multimer
SGA
VLRB.aGP.23
MEL
hGal-3
hGal-1-488-EHT
Galectin-1
P11
VSB
GNA (EY Lab)
BTL native
FSL
WT-VAX
CCL
CorB
WT Galectin-8
SSL-I
SNA
mouse Gal-7
Human Galectin-1
WAX(1)
PSSC

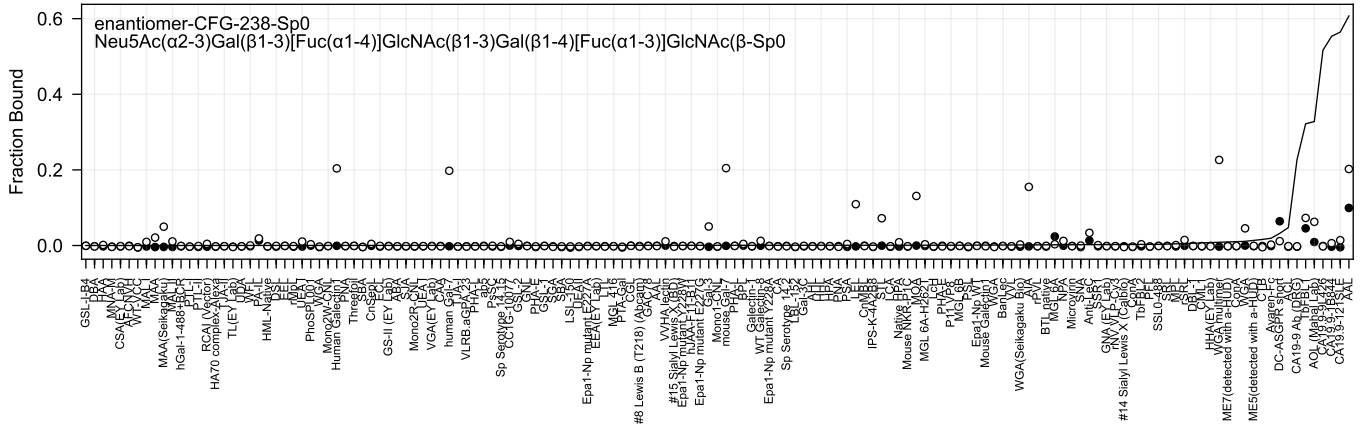

enantiomer-CFG-233-Sp8
Neu5Ac(α2-6)[Neu5Ac(α2-3)]GalNAc(α-Sp8
Fraction Bound
0.15
0.10
0.05
0.00
AOL (Mahal Lab)
SNA
PSA
IPS-K-44-88
CA19.9-SP-268
mouse Gal-7
human Gal-7
Gal-3
Ricin
VVL
HA-Alnicin
WGA mutimer
HA70 complex-Wild
SNA
SSL1
SSA
Native-PAA
PAA
WFL
UDA
TL(EY Lab)
VVL
PNA
BP
GSII (EY Lab)
LEA(EY Lab)
Epa1 (UMBC)
Epa1-Np mutant Y222A
Epa1-Np mutant F222A
CA19-9 Ab (ORG)
Galectin-1
SBL
BTL
BTL native
#14 Sialyl Lewis X (Sp-Sp)
RNA V (Lab)
LEL
LEL-135
WT-VOA
WGA
VGA(EY Lab)
SBA
PNA
PT (Lab)
GNA (EY Lab)
#8 Lewis B (T218) (Ab-Sp)
MGL 6A-H-282
EVA
LEA
DBA
DSL
GNL
GSL-I
Con-A
Mono2R_CFL
CSA(EY Lab)
MonoGal-CSL
OLB
WGA
WFL
Mouse Galectin-1
Human Galectin-1
CGA
OEA1
ANU
AIA
GSL-I-PA
PA
MAA(Seikagaku)
BAP-I
PHA-E
PHA-L
MAA
PTL-I
MAL
PHA-E
PHA-L
Epa1-Np mutant Y222A
Epa1-Np mutant F222A
CA19.9-1B84
Sp Serotype 14-13
CA19.9-1121SLE
Sp Serotype 1-2
Epa1-Np mutant E222A
Epa1-Np mutant Y222A
AIA
WGA
Tnfa
DEA1
CGL1
MGL-1-CRD
Galectin-1-8
WT Galectin-1-8
LCA
UEA1
HML-Native
VLRB.aGP23
Mono2W-CSL
Mouse NKR-P1C
HPA
EAA
hGal-1-488-BCR
CC1G (DBL-1)
#15 Sialyl Lewis X (BD)
WGA(Seikagaku)
HPA
MGL-6B
MGL-6A
sSLL-488
PTA-Lab
PTA
MVA
PMA
DC-ASGPR short
ME5(detected with a-NDA)
ME7(detected with a-NDA)
ACL
RCAI (VECTOR)
PSAV
PSL
hJAA-F11-BSY
LTB-1
LTB-2
MVA-8
PMA
DC-ASGPR short

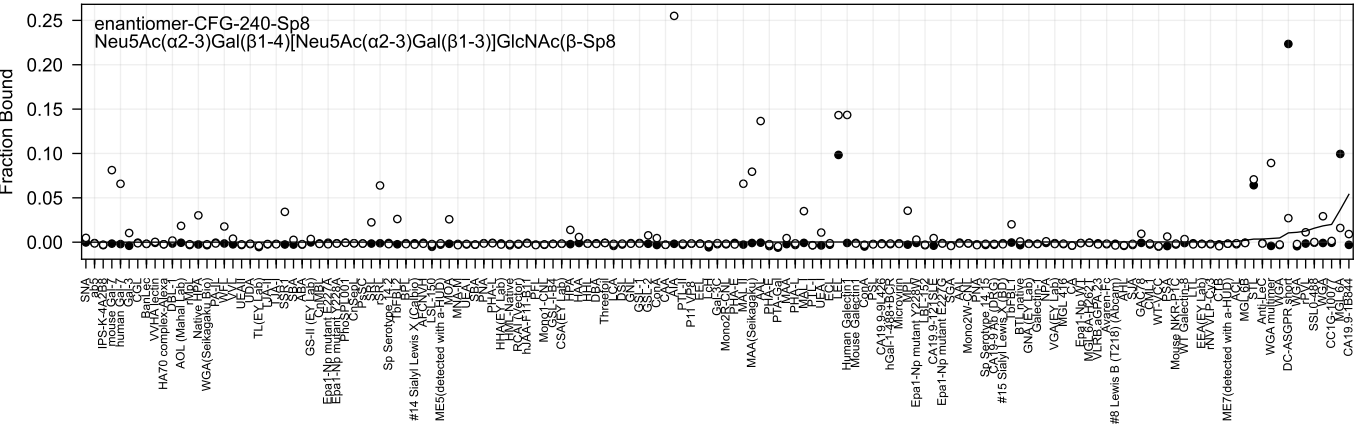

enantiomer-CFG-234-Sp8
Neu5Ac(α2-3)GalNAc(α-Sp8
Fraction Bound
0.4
0.3
0.2
0.1
0.0
SNA
WGA mutant
HA70 conj-Alexa
#15 Sialyl Lewis X (BD)
#14 Sialyl Lewis X (BD)
hGal-1-488
ACT
SCA
SJA
Native-PA
TAL
ACT
UEA
UDA
Sp Serotype 1
Sp Serotype 2
Sp Serotype 3
WGA(Selleckchem)
WGA
Gal-3
human Gal-3
WGA
UEA
SJA
SNA
PNA
PHA-L
HHA(EY Lab)
GNA(EY Lab)
GS-II (EY Lab)
Mono2W-ON
AOL (Marlat Lab)
TBL-132
ME7(detected with a-HUD)
CA19-9-PE
CA19-9-FITC
CA19-9-PB
mouse Gal-1
PNA
BSA
Galectin-1
GSL-1
Gal-1
P11
VCA
Mono2R-ON
Mono1-ON
PhoSL-ON
Epa1-Np mutant E-218
WGA
SJA
Epa1-Np mutant E227A
Mouse Galectin-1
Epa1-Np-ON
Epa1-Np-OT
CPA
OPA
RCA(Vector)
ME5(detected with a-HUD)
MAA(Selleckchem)
PHA-E
MAA
NEL
PHA-L
Avaren
MAL II
CA19-9 Ab
PDGF
PHA-L
HAA
WT Galectin-3
PNA
DBA
ACA
CnSerp1
CAA
Epa1-Np mutant Y228W
VLRB.aGPC.01
DSL
TEL
AFP
MGL.6A-PanDA
Epa1-Np mutant Y228K
CSA
Mouse NEK7 prep
TSL-1
GAL8
BTL native
GSL-I B4
CC1G-1007
Tomato
PHA-E
COBL1
#8 Lewis B (T2/B) (Abcam)
CA19-9 (EY Lab)
ABA
Micro-PVX
rNV WT-VLP
rNV WT-AX
hJA-WT 416
HIL
Human Galectin-8
SSLD-488
DC-ASGPR
SJA
NEL
AIA
Tbr
SBT
SSRT

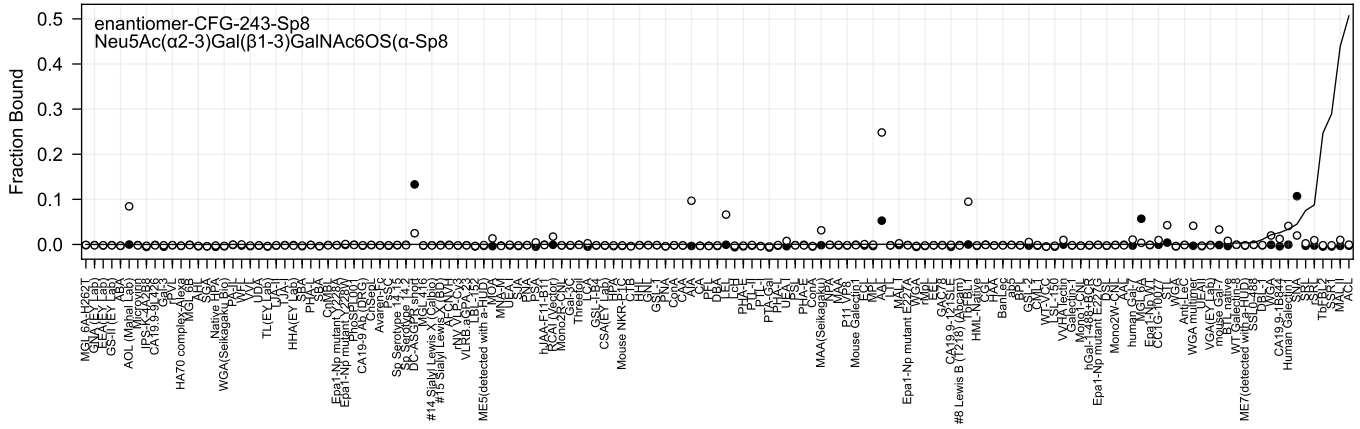

enantiomer-CFG-235-Sp0
Neu5Ac(α2-3)GalNAc(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
SNA
CA19.9-PBA
mouse Gal-3
VVHA Man
VVHA Man
Galectin-1
HA70 complex-Alexa
MGL-Biotin
CA19.9-Alexa
CA19.9-Alexa
16FBL-1
SSL7
SSL7
SGA
CrPAP
PNA
TL(EY Lab)
TL(EY Lab)
WT Galectin-3
IPS-K-Alexa
ABA
#15 Sialyl Lewis X (Lab)
Mono-V Gal(Lab)
RMT-Naive
VLRB.aGP-123
Sp Serotype 1-123
ME7(detected with α-HOD)
LSL-A6
LSL-B2
ME5(detected with α-HOD)
WT
MOG
VGA(EY Lab)
VGA(EY Lab)
SBA
SBA
PNA
PNA
CHA(EY Lab)
GSII(EY Lab)
BPL
BPL
BSA
BSA
WT
RCAI (Vector)
PEL
PEL
GSII-B4
GSII-B4
Epa1-Np mutant E22-123
OCA
OCA
P11
VFA
Mono2-Biotin
Epa1-Np mutant E22-123
AAL
AAL
Epa1-Np WT
Gal-1-Alexa
WGA
WGA
CrPAP
MBL
MBL
Mouse Galectin-1
Human Galectin-1
CEA
CEA
OEA
OEA
AntiFS
Threoglycl
ORA
ORA
PTL-I
PTL-I
PTL-II
PTL-II
PHA-E
PHA-E
PHA-L
PHA-L
MAA(Sekiguchi)
PNA
PNA
MGL
MGL
PhoSPL
MGL
MGL-41d
CSA(EY Lab)
HPA
HPA
LCA
LCA
PSA
PSA
Epa1-Np mutant Y22-123
CMH
CMH
CA19.9-Alexa
Epa1-Np mutant Y22-123
BTL native
BTL native
MOGEAI
MOGEAI
Bart-86
Bart-86
CA19.9-Alexa
EEA(EY Lab)
SRL
SRL
Sp Serotype 14-123
hGal-1-Alexa
hGal-1-Alexa
HPA
HPA
MGL 9(Lab)
MGL 9(Lab)
#14 Sialyl Lewis X (Lab)
GSII-B4
GSII-B4
human Galectin-3
AOL (Wang Lab)
Mono-C-Biotin
Mouse NKP-B-C
Mouse NKP-B-C
Naive
Naive
WGA(Sekiguchi)
WGA(Sekiguchi)
DC-SIGNR-Biotin
WGA
WGA
ConA
ConA
hJA-1
hJA-1
TPEB1
TPEB1
SSL7-188
SSL7-188
WT
WT
VLR-Gal
VLR-Gal
DNV
DNV
WGA multimer
WGA multimer
SGA
SGA
LEL
LEL

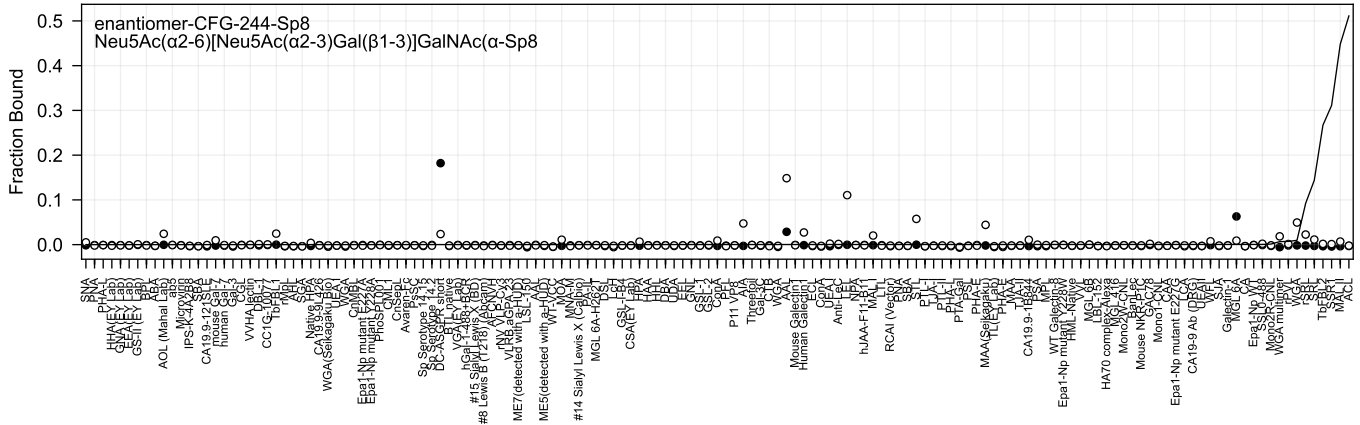

enantiomer-CFG-236-Sp8
Neu5Ac(α2-3)Gal(β1-3)GlcNAc6OS(-Sp8
Fraction Bound
0.20
0.15
0.10
0.05
0.00
Sp Serotype 14-218
GAC78
MGL-4-18
Fucsc
#15 Sialyl Lewis X (Lab)
Lewis X
HA70 complex-Alexa
ME5(detected with a-HD1)
PPL
SNA
Ban Lec
ANA
UEA
LCA
ECL
Human Galectin-1
Mouse Galectin-1
TES-K-4-2-2B
Epa1-Np mutant P227A
Epa1-Np mutant P227A
PNA
WGA
aGB3
MGL-8-8
Epa1-Np mutant E229Q
Epa1-Np mutant E229Q
hGal-1-28-T6CR
VVA (Lectin)
CA19.9 AlkR-PTC
Mouse NKR-P1C
LBP-1-32
Epa1-Np mutant K232A
Epa1-Np mutant K232A
TcFB-1-1
#14 Sialyl Lewis X (Cabio)
MGL 6A-1(Lab)
MGL 6A-1(Lab)
CA19.9-4-128
CA19.9-4-128
GSL-I
CMLL
LSL-Gal-3
PhoSP-D01
WFL
CA19.9-12-C
CrSSpH
CrSSpH
EEL
AFCNDA
HML-Native
WEA
WEA II
rSEA
#8 Lewis B (T218) (Abcam)
KAA
PSL
PSL
Microvirin
GNA (EY Lab)
GNL
HHA(EY Lab)
GSL-I(EY Lab)
DBA
Native SBA
SJA
SVA
CAA
PTA
CoA
GSL-IB4
CrSSpH
BPL
HMA
HPA
Gal-3C
CSA(EY Lab)
HPA
TL(EY Lab)
SBA
AOL (Mahal Lab)
TJA
TJA
WGA
PTL-I
P11
VSB
EEA(EY Lab)
UDA
PHA-L
PHA-L
MPL
VLRB.a-PA-2
VGA(EY Lab)
PHA-E
PHA-E
PSA
WT PTL-I
DC-ASGPR short
MAA(Sellakumar)
DSA
Avarol
PCA
Mono1-MOA
MOA
WALL
AEL
Mono2R-CRL
AEL
MNA-M
BTL
SsCA
hMAA-F1-B11
MAA
Morro DW-ONL
RCA(Vector)
CGB
WT Galectin-1
Galectin-3
WGA(Sigma)
Sialidase-3
ME7(detected with a-HD1)
SSB1
SSB1
VAA
SSL-7
Ann-Lec
cA19.9-1-B844
mouse Gal-7

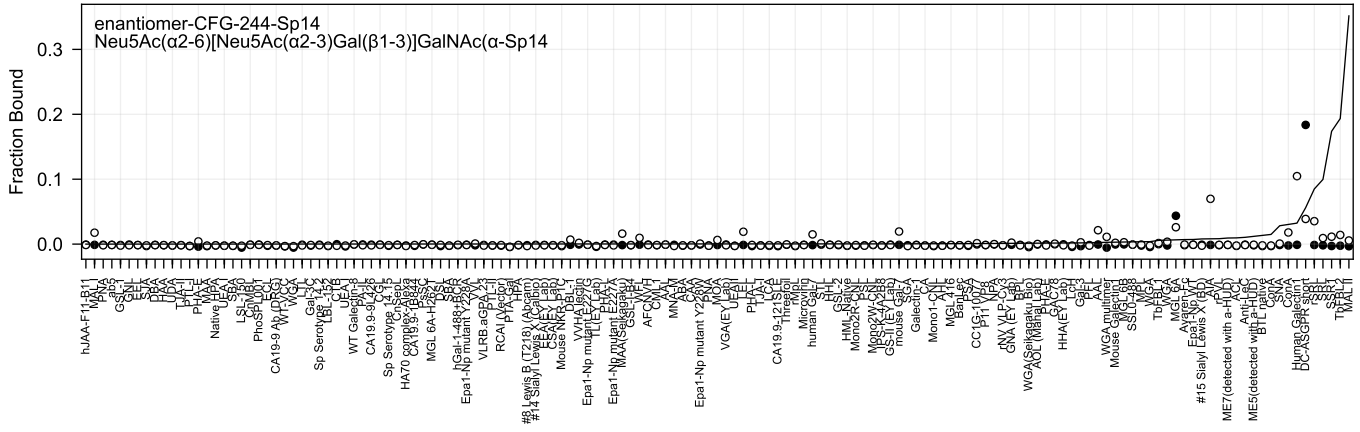

enantiomer-CFG-237-Sp8
Neu5Ac(α2-3)Gal(β1-3)[Fuc(α1-4)]GlcNAc(β-Sp8
Fraction Bound
0.6
0.4
0.2
0.0
SNA
SNA
Mcx
Mcx
IPS
Mcx
mouse Gal-3
human Gal-3
Gal-3
VVHA lectin
WGA
WGA
Mono2W
Mono2W
SSA
SSA
Native SSA
WGA(Seikagaku, Bq)
WGA
TJA-I
TJA-I
SBA
SBA
AEA
AEA
BPL
EEA(EY Lab)
EEA(EY Lab)
Epa1-Np WT
Epa1-Np WT
Phos
Phos
Sp Serotype 9
Galectin-1
Galectin-1
BTL naive
Native SSA
WGA(Seikagaku, Bq)
WGA
WFL
WFL
TJA-I
TJA-I
SBA
SBA
AEA
AEA
BPL
EEA(EY Lab)
EEA(EY Lab)
Epa1-Np WT
Epa1-Np WT
Phos
Phos
Sp Serotype 9
Galectin-1
Galectin-1
BTL naive
#15 Sialyl Lewis C (BD)
#8 Lewis B (Y2-18) (Abcam)
GS-II
HMM-Naive
LSL-A10
MOA
MOA
SNA
SNA
SBA
SBA
PHA-L
PHA-L
HHA(EY Lab)
GNA(EY Lab)
vLRB.ACP
hAA-F11-B11
WGA
WGA
ConA
ConA
GSC-2
GSC-2
GSL-I-B4
GSL-I-B4
ECL
ECL
GSL-I-A4
GSL-I-A4
LFA
LFA
Gal-3c
Gal-3c
Mouse Galectin1
Mouse Galectin1
Human Galectin1
Human Galectin1
Mono2R-CNL
Mono2R-CNL
Mono1-CNL
Mono1-CNL
RCA(Vector)
RCA(Vector)
PNA
PNA
PTA
PTA
Gal1
Gal1
PHA-E
PHA-E
Threonin
Threonin
DSL
DSL
MAA(Seikagaku)
MAA(Seikagaku)
PHA-E
PHA-E
MOA
MOA
MAL II
MAL II
PHA-L
PHA-L
Epa1-Np mutant E227A
Epa1-Np mutant E227A
TBP
TBP
PEE
PEE
Sp Serotype 14
Sp Serotype 14
Mouse NKR-P1C
Mouse NKR-P1C
MGL 6F-E2224
Epa1-Np mutant E227A
Epa1-Np mutant E227A
VGA(EY Lab)
VGA(EY Lab)
BanLec
BanLec
WT Galectin-3
WT Galectin-3
HPA
HPA
LBL
LBL
SBL
SBL
TL(EY Lab)
TL(EY Lab)
UDA
UDA
UEA
UEA
ME7(detected with a-HUD)
ME7(detected with a-HUD)
GNA
GNA
PSA
PSA
CSA(EY Lab)
CSA(EY Lab)
Epa1-Np mutant Y228A
Epa1-Np mutant Y228A
ABA
ABA
VGA
VGA
P11
P11
HA70 complex-Alexa
hGal-1-488+BCF
AFCNA
AFCNA
PHL-I
PHL-I
ME5(detected with a-HUD)
ME5(detected with a-HUD)
CCTG-0007
CCTG-0007
WT-VSG
WT-VSG
Avarene
Avarene
Epa1-Np mutant Y228A
Epa1-Np mutant Y228A
SNA
SNA
DSL
DSL
DBL-1
DBL-1
ACA
ACA
DC-ASGPR short
DC-ASGPR short
#14 Sialyl Lewis C (BD)
SSL-I
SSL-I
Vicia
Vicia
CA19-9 Ab
CA19-9 Ab
AOL (Mabtech)
AOL (Mabtech)
CA19-9 1-428
CA19-9 1-428
CA19-9 1-BBT
CA19-9 1-BBT
AAL
AAL

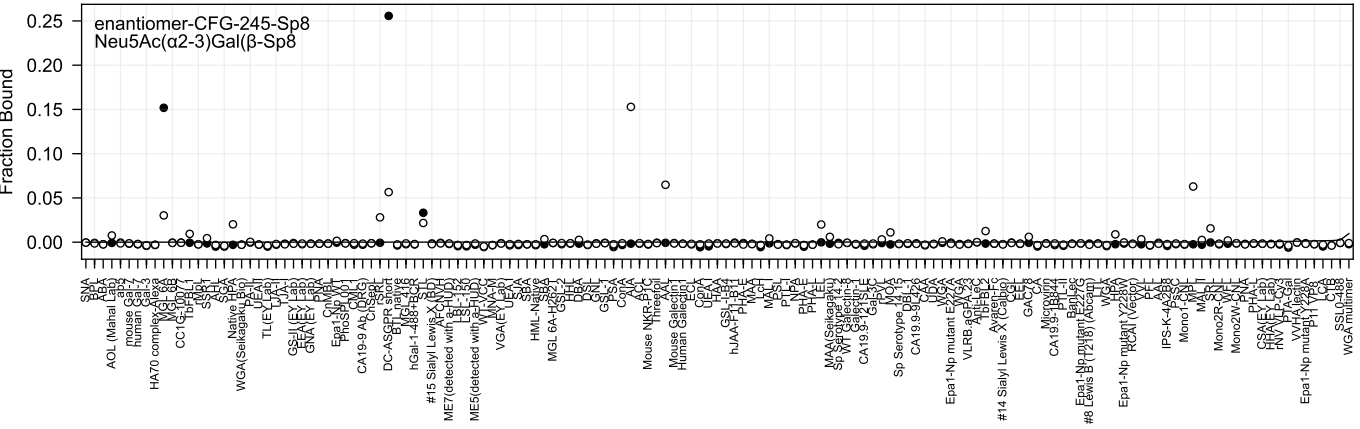

enantiomer-CFG-238-Sp0
Neu5Ac(α2-3)Gal(β1-3)[Fuc(α1-4)]GlcNAc(β1-3)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β-Sp0
Fraction Bound
0.6
0.4
0.2
0.0
GSL-I-B4
DBA
PNA
MPA
CSA(EY Lab)
ATX-VVL
NAGL
MAA(Seikagaku)
hGal-1-488
PTL-I
RCA I (Vector)
HA70 complex-Alexa
TL(EY Lab)
UDA
PA-IL
HML-N-488
SNA
PHA-E
PHA-L
PhoSL
WGA
Mono2W-CNL
Human Galectin-8
PNA
Threo
Cn
GS-II (EY Lab)
ABA
Mono2R-CNL
VGA(EY Lab)
CVA
human GRA
VLRB.agnA23
Pa
Sp Serotype 1-3-12
CCTG-1(ATCC)
CNL
PAP-T
SGA
SSA
LSL-488
Epa1-Np mutant EPA(A)
EEA(EY Lab)
MGL 116
PTA-Gal
#8 Lewis B (T218) (Abcam)
GAL-8
VVHA (lab)
#15 Sialyl Lewis X (Abcam)
Epa1-Np mutant EPA(W)
RUAA1-FITC
Epa1-Np mutant EPA(A)
Galectin-3
Mono1-CNL
mouse Galectin-7
PHA-P
Galectin-1
WT Galectin-3
Epa1-Np mutant Y22(A)
Sp Serotype 1-3-12
Gal-3C
Gal-1C
CTB
PNA
PSA
SSA
CnNE
IPS-K-AA-488
ICA
NKW
Mouse NKR
MGL 6A-H-488
MGL
PVAE
PTA-Gal
MGL-488
Epa1-Np WT
Mouse Galectin-1
Banlec
WGA(Seikagaku)
BVA
BTL native
MNA
Microvirin
SNA
Anti-SSR1
GNA (EY Lab)
TNF-TL-Cy3
#14 Sialyl Lewis X (Cabio)
TbPBP2
SSL0-488
SSL1
SSL2
DSL-1
VHA(EY Lab)
ME7(detected with a-HUD)
CoCA
ME5(detected with a-HUD)
DC-ASGPR s'ion
Avaren-1-FB
CA19-9 Ab (ORG)
Tal
AOL (Marine)
CA19-9-488
CA19-9-Alexa
CA19-9-FITC
AAL

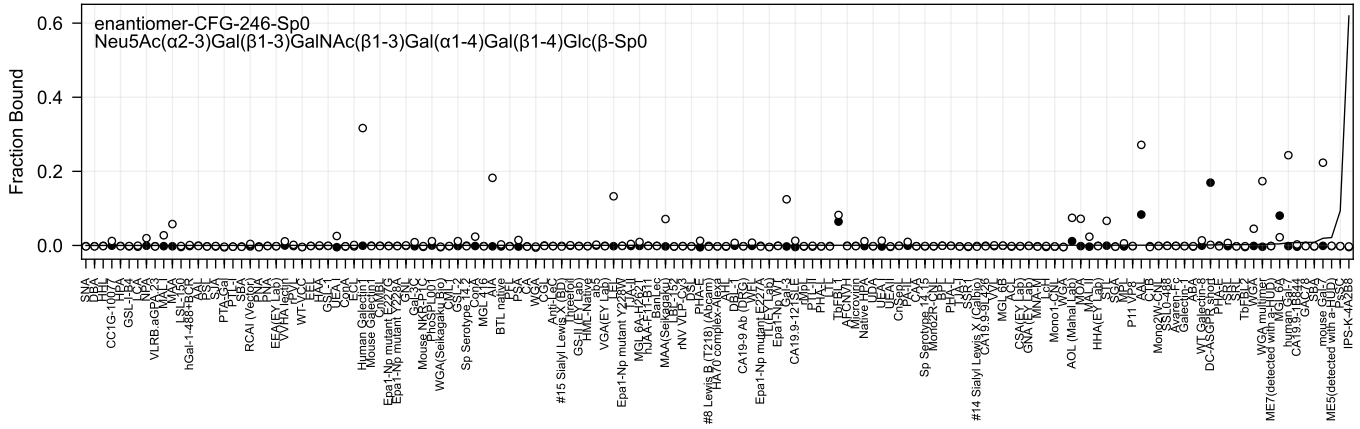

enantiomer-CFG-240-Sp8
Neu5Ac(α2-3)Gal(β1-4)[Neu5Ac(α2-3)Gal(β1-3)]GlcNAc(β-Sp8
Fraction Bound
0.25
0.20
0.15
0.10
0.05
0.00
SNA
SNA
IPS-K-4
AAL
human
Gal-7
Gal-3
VVA
Ban Lec
HA70 complex
Vicia
AOL (Mana)
DBA
Native
WGA(Seikagaku)
PNA
PAL
WT
UEA
UDA
TL(EY Lab)
UJA
SSA
SBA
ABA
GS-II (EY Lab)
MAL
Epa1-Np mutant E222A
Epa1-Np mutant E222G
Chicken
Chicken
SBL
Sp Serotype 12
TGFB-R2
Sp Serotype 14
#14 Sialyl Lewis X (Calbio)
ASF (VD)
ME5(detected with a-HUD)
MNA
UEA
PNA
PH-Lab
EMA-Native
RCA-Native
hJAA-P1-B37
Mono1-CFL
GSL-I-B4
CSA(EY Lab)
HPA
HPA
LTA
DBA
Threo(p)
DSL
GSL-I
GSL-2
CAA
PTL
P11 VB3
ECA
Mono2-PNL
BTA-E
BTA-F
MAA(Seikagaku)
AAL
PTA-Gal
PTA
MAA
PWM
NAL
UEA-I
ECL
ECL
Human Galectin1
Mouse Galectin1
PSL
CA19.9-mab
hGal-1-488-BCR
Microvirin
Epa1-Np mutant X229W
CA19.9-1
CA19.9-1
Epa1-Np mutant E222G
Epa1-Np mutant E222G
Mono2W-PNL
AAL
Sp Serotype 4
Sp Serotype 15
#15 Sialyl Lewis X(Calbio)
Tra-Lec
BTL
GNA (EY Lab)
Galectin-1
VGA
NGL
CA
Epa1-Np 201
Epa1-Np 201
VLRB.aGPA.c3
#8 Lewis B (T216) (Abcam)
ATL
GAL-8
WT-MGL1
Mouse NKR
PSA
WIP
Galectin-8
EEA(EY Lab)
RNA(VLP-CA)
ME7(detected with a-HUD)
MGL
SJL
Anti-Lec
WGA mutant
DC-ASGPR
WGA
NPA
SSL-1
FAB
WGA
CC1G
WGA
CA19.9-TB44

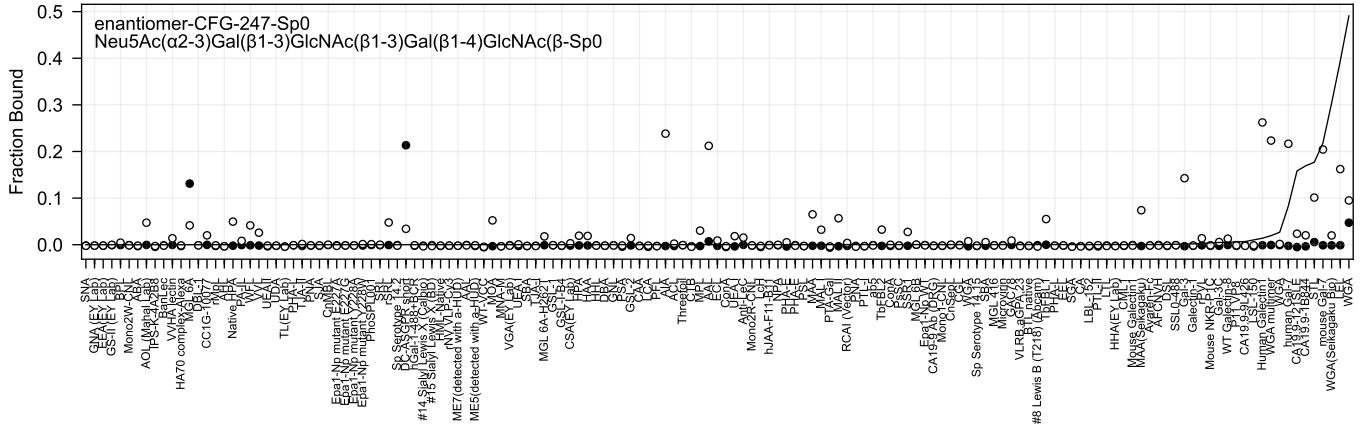

enantiomer-CFG-243-Sp8
Neu5Ac(α2-3)Gal(β1-3)GalNAc6OS(α-Sp8
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
MGL6A-U267
GNA(EY Lab)
GSII(EY Lab)
ABA
AOL (Walter Lab)
JPS-C-1X288
CA19.9-1X288
GalA
HA70 complex
MGL-B8
SBA
Native PPA
PNA
WGA(Seikagaku)
WFL
UDA
TL(EY Lab)
VVA
SNA
HHA(EY Lab)
PTA
PSA
ConBr
Epa1-Np mutant Y228G
Epa1-Np mutant Y228W
CA19.9-9OS(HRG)
CA19.9-6OS(HRG)
AcGSgal
Avarol-SC
Sa Serotype 14-13
DC-SIGNR-Fc
#14 Sialyl Lewis X (BD)
#15 Sialyl Lewis X (BD)
vLRB 4 gal-PA23
vLRB 4 gal-PA23
ME5(detected with a-HUD)
MUL
MGA
UEA
PNA
BNA
hIAA-F11-PA
RCA(Vector)
Mono2-Gal-SC
Threo(p)
GSL-I-B4
CSA(EY Lab)
Mouse NKR-P1C
LTL
GNL
SNL
GNA
CoA
AAA
AAL
PHA-E
DSL
PHA-L
MAA(Seikagaku)
NEA
VFB
Mouse Galectin1
MPL
PNL
Epa1-Np mutant E227G
WGA
PWM
#8 Lewis B (12-18) (Abbott)
CA19.9-1X288
GAS-C12
HML (Vector)
GOL
BanLec
ABP
GSL-I-A4
WT-VC1
SL-150
VVHA
Galectin-1
hGal-1-PCR
Epa1-Np mutant E227G
Mono2W-CNL
human galectin-7
GalA
MGL-6A
Epa1-Np mutant
SSL
WGA mutant
ANL
VGA(EY Lab)
mouse galectin-7
WT-Galectin-3
ME7(detected with a-HUD)
SSL-148
DBA
CA19.9-1B244
Human Galectin-9
SNA
SBL
TxB
PNA
MAL-1
ACL

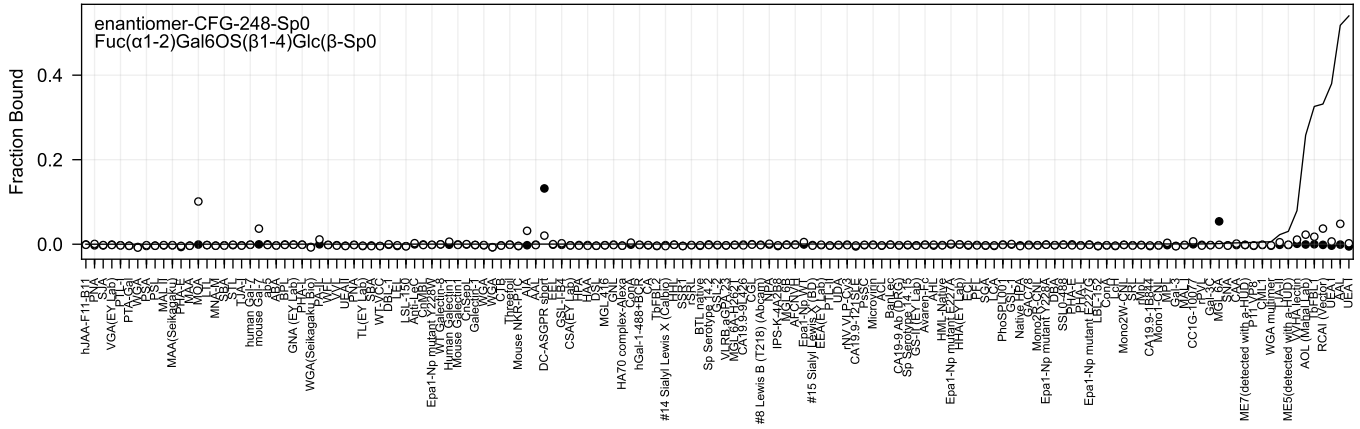

enantiomer-CFG-244-Sp8
Neu5Ac(α2-6)[Neu5Ac(α2-3)Gal(β1-3)]GalNAc(α-Sp8
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
SNA
SSA
PHA-L
HHA(Lab)
GNA(Lab)
GSA(Lab)
BPL
PNA
AOL (Mahal Lab)
abs
Mcn
IPS-K4X488
SBA
CA19.9-12
mouse Gal-7
human Gal-3
Gal-1
VVHA
Con
DBA-1
CC1G
TcBPA-1
nNgl
Ntn-1
Neu4 (126)
Neu4 (126)
CA19.9-12
WGA(Seikagaku)
LEC
WGA
Cap40
Epa1-Np mutant E226A
Epa1-Np mutant E226A
PhoSC
CnLL
CnSerpL
Avarol
PsSC
Sa Serotype 2 (12
Sa Serotype 2 (12
DC-ASGPR short
DC-ASGPR short
VGA (Lectinity)
VGA (Lectinity)
#15 Sialyl Lewis X (1-488)-FBS
#8 Lewis B (1-218) (Akram)
#8 Lewis B (1-218) (Akram)
VLRA.aGP-23
VLRB.aGP-23
ME7(detected with 1-1-10)
ME7(detected with 1-1-10)
ME5(detected with anti-A01
WT-VCC
WT-VCC
MNA
MNA
#14 Sialyl Lewis X (Calbiochem)
MGL 6A-H282
DSL
GSL-I-B4
CSA(EY
HPA
HPA
DBA
DBA
UDA
UDA
SNT
SNT
GSL-I-A4
CPA
P11 VP8
Thr(Lab)
Gal-8
WGA
WGA
Mouse Galectin1
Human Galectin1
CPA
CPA
Ant
LEL
LEL
hJAA-F11-BT1
MAL
RCAI (Vector)
SNA
SSA
SLL
PTL-I
PTL-I
PTA-Gal
PHA-E
MAA(Seikagaku)
TL(Lab)
PHA-L
MAA
MAA
CA19.9-1B44
MPL
WT Galectin8
Epa1-Np mutant E226A
HML-Naive
LBL-1B2
MGL 6B
HA70 complex
WGA-418
Mono2-CNL
Mouse NKR-P1C
Mono3-CNL
Epa1-Np mutant E226A
CA19-9 Ab (DEG)
VVL
Galectin-1
MGL 6A
Epa1-Np WT
SSA-CNB
WGA mutlimer
WGA
VVL
SBL
TcBPA-1
MAL
ACL

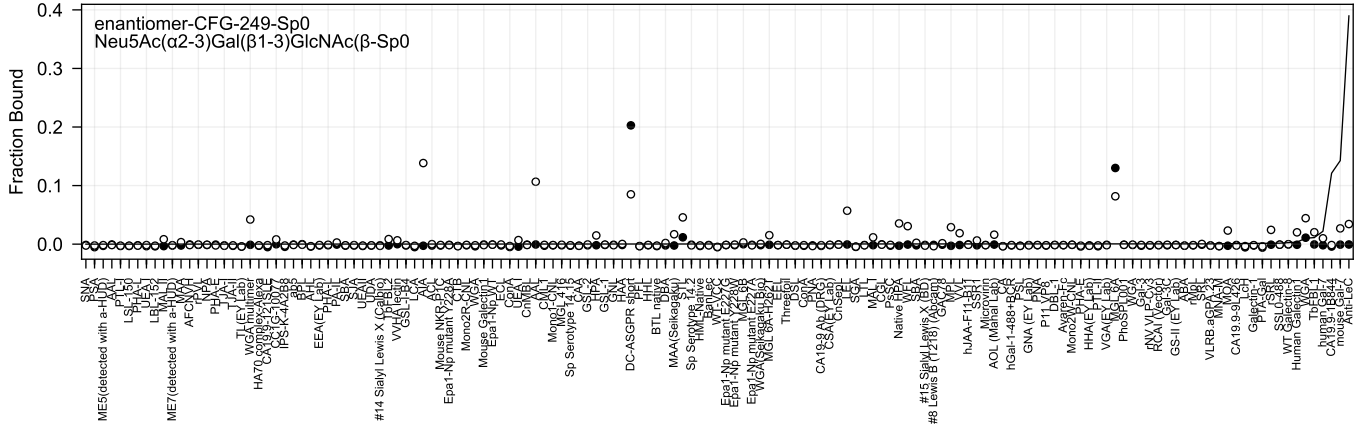

enantiomer-CFG-244-Sp14
Neu5Ac(α2-6)[Neu5Ac(α2-3)Gal(β1-3)]GalNAc(α-Sp14
Fraction Bound
0.0
0.1
0.2
0.3
hJAA-F11 B11
PNA
WFA
GSL-I
UEA-I
SNA
SSA
HPA
UDA
PHA-E
PHA-L
MAL
Native LPA
SBA
LSL-B4
PhoSL-B01
CA19-9 Ab (DRG)
WT VGX
LTA
Gal-12
Sp Serotype 14-12
LBL-12
UEA-I
WT Galectin-3
CA19.9-9-42B
Sp Serotype 14-15
CA19.9-9-44
CA19.9-9-B44
MGL 6A-H2B5
DSL
hGal-1-488-RCB
Epa1-Np mutant Y228A
VLRB.aGPA 23
RCA I (Vector)
PTA (Bat)
#8 Lewis B (T218) (Abcam)
#14 Sialyl Lewis X (Calbiochem)
CSA (EY Lab)
Mouse NKG2D
BBL-1
VVA (Vector)
Epa1-Np mutant Y228A
TL (EY Lab)
Epa1-Np mutant E227A
MAA (Seikagaku)
GSL-IV
WFL
AFCN (Y)
AAL
MNA
CSA
Epa1-Np mutant Y228A
BNA
MOA
VGA(EY Lab)
UEA-I
PHA-E
PHA-L
TJA-I
CA19.9-121SCE
Thrombomodulin
Microvillin
human galectin-1
BTL
BTL
HML-Native
Mono2K-PSL
Mono2W-CSL
GS-II (EY Lab)
mouse galectin-1
Galectin-7
Mono1-CXL
MGL 4-H6
Banlec
CC1G-10029
p11 YPS
GNA
GNY YLP
GNA (EY Lab)
WGA(Seikagaku, Biotin)
AOL (Marker, Biotin)
BJA-B
GALT8
HHA(EY Lab)
LCA
GNL
AAL
WGA mutant
Mouse Galectin-1
SSL-I-188
MPL
TbFBP-A
MGL 6A
Avaren FA
Lewis X (BD)
#15 Sialyl Lewis X (BD)
PVA
ME7(detected with a-HUD)
ACL
ME5(detected with a-HUD)
Anti-a-HUD
BTL native
SNA
GNA
Galectin-1
Human Galectin1
DC-ASGPR subunit
SBT
SBT
SBT-2
TbFBP-2
MAL II

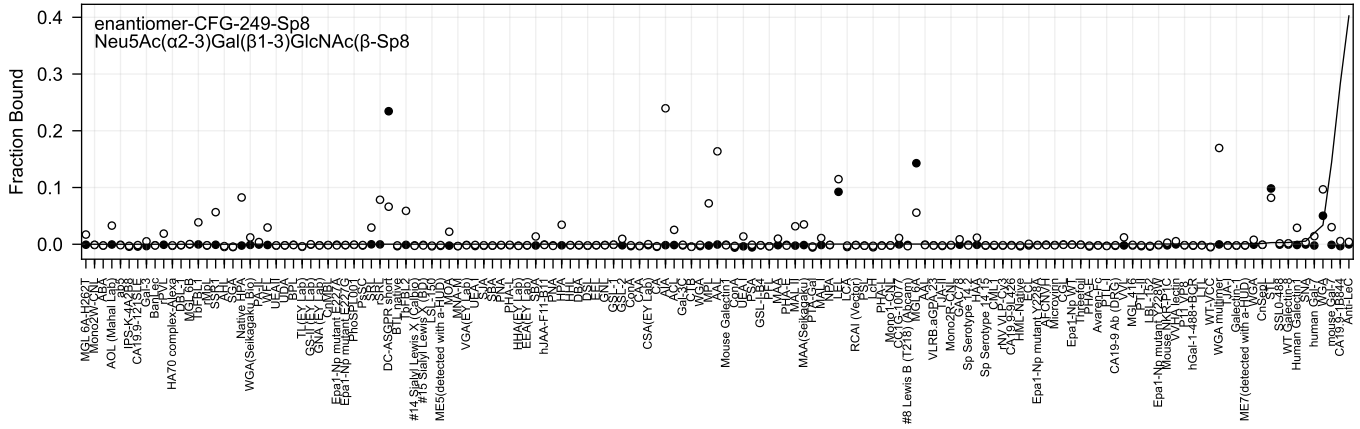

enantiomer-CFG-245-Sp8
Neu5Ac(α2-3)Gal(β-Sp8
Fraction Bound
0.25
0.20
0.15
0.10
0.05
0.00
SNA
SNA
LEA
AOL (Mahal
ahg2
mouse Gal-7
human Gal-7
Gal-3
HA70 complex
MGL-6A
MGL-6B
CC1G
TcFBL1
SSA
SSA
ACL
ACL
Native HPA
WGA(Seikagaku
LEA(Lab)
UEA(I
TL(EY Lab)
UEA(I
GSII (EY Lab)
EEA(EY Lab)
GNA (EY Lab)
PNA
Epa1 CnMGL
ProSP-001
CA19-9 Ab (OMGA)
CA19-9 Ab (OMGA)
CASgal
DC-ASGPR short
BTL native
hGal-1-488-PBCR
#15 Sialyl Lewis X
ME7(detected with
ME5(detected with
VGA(EY Lab)
VGA(UEA
UEA
SBA
SBA
HML-Native
MGL 6A-H282T
GSII-B
DBA
ONL
ONL
GSL-A
ConA
ACL
ACL
Mouse NKR-P1C
Mouse Galectin1
Human Galectin1
AAL
ECL
ECL
UEA
UEA
HPA
GSII-B4
hJAA-F
PL-B1
PL-A1
MAL
MAL
MAH
PSL
PNA
PNA
PHA-E
PHA-L
PTL-I
MAA(Seikagaku)
SNA(Seikagaku)
WT Galectin-3
CA19-9-488-SLE
Gal-3C
MOA
Sp Serotype 9A-1
CA19-9-422
UDA
Epa1-Np mutant E
VGA
VLRB aGFA
VLRB aGFA
TBFB-2
Ayres(Calpo)
ECL
GAC
#14 Sialyl Lewis X (Calpo)
Microvirin
CA19-9-488-L
Epa1-Np mutant
#8 Lewis b (Calpo)
Epa1-Np mutant Y225W
WGA
HPA
Epa1-Np mutant Y225W
PCA(Y225W)
VVL
AAL
IPS-K-4A2B8
Mono1-2-9C
MAH
SBL
Mono2R
WFL
Mono2W-PNL
PTL-I
PHA-L
GSII(EY Lab)
rNVJ(EY Lab)
VVH(EY Lab)
Epa1-Np mutant
PL-1-72B
LCA
SSLo-488
WGA multimer

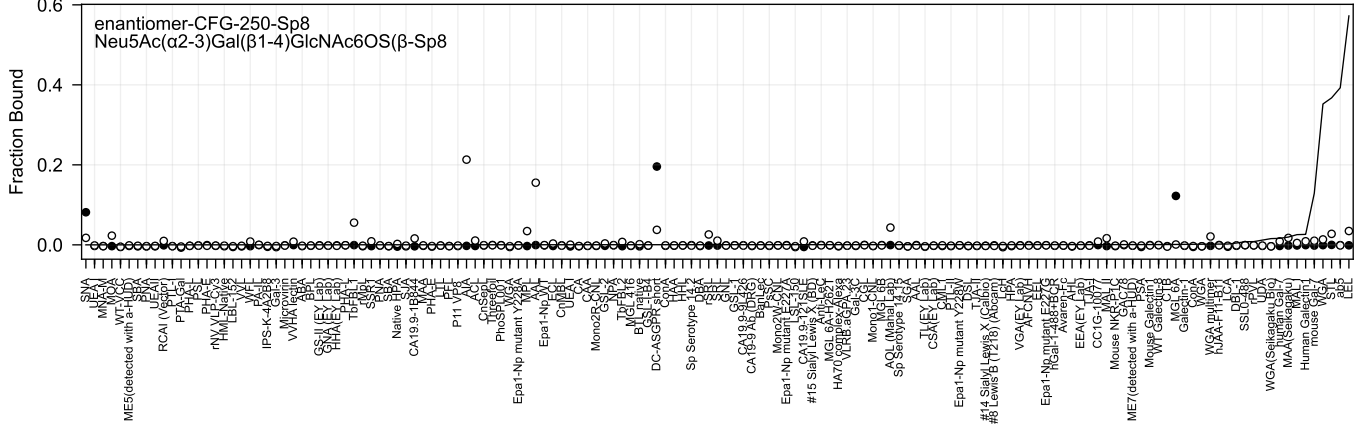

enantiomer-CFG-246-Sp0
Neu5Ac(α2-3)Gal(β1-3)GalNAc(β1-3)Gal(α1-4)Gal(β1-4)Glc(β-Sp0
Fraction Bound
0.6
0.4
0.2
0.0
SNA
SNAI
DSL
CC1G-1(Lab)
HPA
GSL-I-B4
NPA
VLRB.aGFP
KAC-1
MAA
hGal-1-488+BGP
BSL
SJA
PTA-1
SBA
RCAI (Vector)
PNA
EEA(EY Lab)
VVHA (lab)
WFA
VCL
EAL
GSL-I
CoPA
Human Galectin-1
Mouse Galectin-1
Epa1-Np mutant Y228A
Epa1-Np mutant Y228F
Mouse NSP-DC
Galectin-7
WGA(Seikagaku, Bio)
Galectin-3
Sp Serotype 14
GSL-II
MGL-1(1)
BTL na(lab)
PHA-E
PEA
PCA
VGA
VGA
Anti-hSC
#15 Sialyl Lewis X (Neeloo)
GSL-III(EY Lab)
HMA(Vector)
ahS
VGA(EY Lab)
Epa1-Np mutant Y228W
MGL-6A-H251T
hJAA-H251T
BJA-B
MAA(Seikagaku)
nV VLP-C33
DSL
PHA-L
PHA-E
Epa1-Np mutant Y228V
MGL-6A-H251V
hJAA-H251V
BJA-B
MAA(Seikagaku)
nV VLP-C33
DSL
PHA-L
#8 Lewis B (T218) (Abcam)
HA/0 complex-Alexa
CA19-9 Ab (Vector)
DBA
CA19-9 Ab (Vector)
Epa1-Np mutant E227A
Epa1-Np WT
CA19.9-12 Ab
CA19.9-12 Ab
PHA-L
PHA-E
TcF-BL1
TcF-BL1
APCNV1
Nalwoxibra
UDA
UEA1
CrPAP
CAA
Sp Serotype 23F
Monoclon 2B6
BPL
PHA-L
TJA-I
#14 Sialyl Lewis X (Sigma)
CA19.9-Y228
MGL-6B
GSA(EY Lab)
GNA(EY Lab)
MNA
Mono1-CGL
AOL
AOL (Mahal Lab)
MCH
HHA(EY Lab)
SGA
MPL
P11
AAL
Mono2W-CGL
SSLO-1-488
Galectin-7
Galectin-1
WT Galectin-1
DC-ASGPR short
PHA-E
PHA-L
TcF-BL1
WGA
WGA multi(105)
MGL-6A
human-MGL-6A
CA19.9-1-B844
GNA
SSA
mouse Galectin-1
ME5(detected with a-PSD)
IPS-K-4A2B8
ME7(detected with a-PSD)

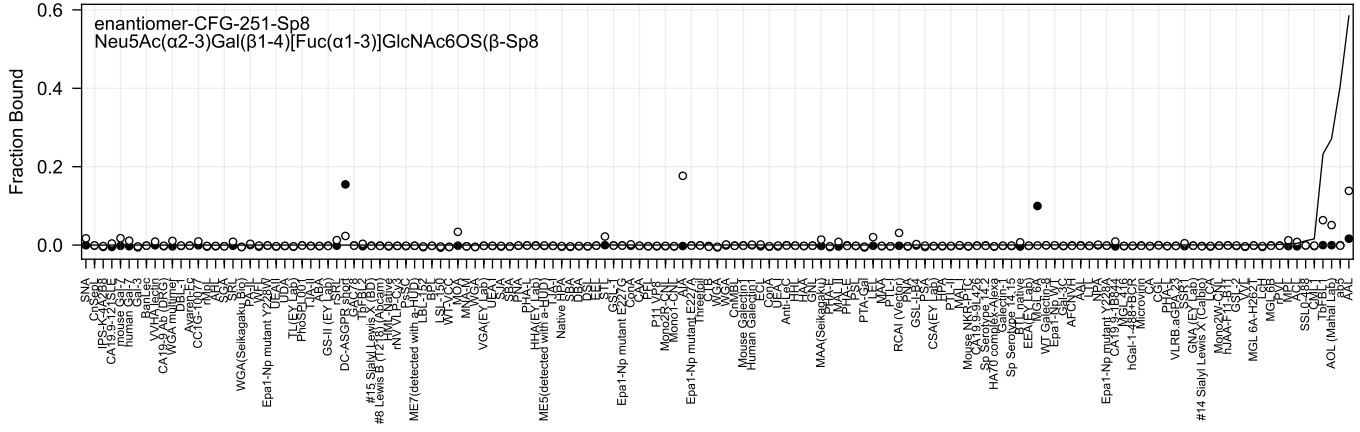

enantiomer-CFG-247-Sp0
Neu5Ac(α2-3)Gal(β1-3)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
SNA
SNA (EY Lab)
GSII (EY Lab)
BPL
Mono2W-XNA
AOL (Mahal Lab)
IPS-Man
Ban ce
VVHA lectin
HA70 complex
MGL 6A
CC1G-Pro-1
Pro-1
Native PPA
PAPE
VVL
UEA
TL(EY Lab)
PA-II
PA-I
PNA
Epa1-Np mutant Comple
Epa1-Np mutant E227G
Epa1-Np mutant Y228A
Epa1-Np mutant Y228G
PhoSP-Pro1
SBL
Sp Serotype 14-2
Gal-1-488-BCH
#14 Sialyl Lewis X (Calbio)
#15 Sialyl Lewis X (Calbio)
HML Native
ME7(detected with anti-H(O))
ME5(detected with anti-H(O))
WT-VCC
MVCA
VGA(EY Lab)
SBA
PCA
MGL 6A-H(O)
GSL-I
GSL-II
CSA(EY Lab)
HPA
HIA
CGA
BSA
GSL-B4
PLA
AAA
Threonin
CTB
AAL
EDA
OPA1
Mono2R-CRM
hJAA-F11-BST
NPA
PHA-E
PSL
MAL
PWM
MAA(Lai)
RCAI (Vector)
PHA-L
Tbp-BP2
CoA
ESA
MGL 6B
Epa1-Np mutant
CA19-9(DSG)
Mono1-CSL
Cnt-Sp
SSL
Sp Serotype 14-35
SBA
Mgnovum
MGL
VLRB.aGP.v28
#8 Lewis B (T218) (Calbio)
BT naive
PCL
PEL
SSA
LBL-I-62
PT-I
PT-II
HHA(EY Lab)
CMLL
Mouse Galectin-1
MAA(Seikagaku)
AAL(EY Lab)
SSL-Lac
Gal-3
Galectin-1
Mouse NKR-P1C
WT Galectin-3
CA19-9 (Vector)
CSL-160
Human Galectin-1
WGA
CA19-9 (Calbio)
CA19-9-1-488-BCH
CA19-9-1-BSA
mouse Gal-7
WGA(Seikagaku)
PEL
WGA

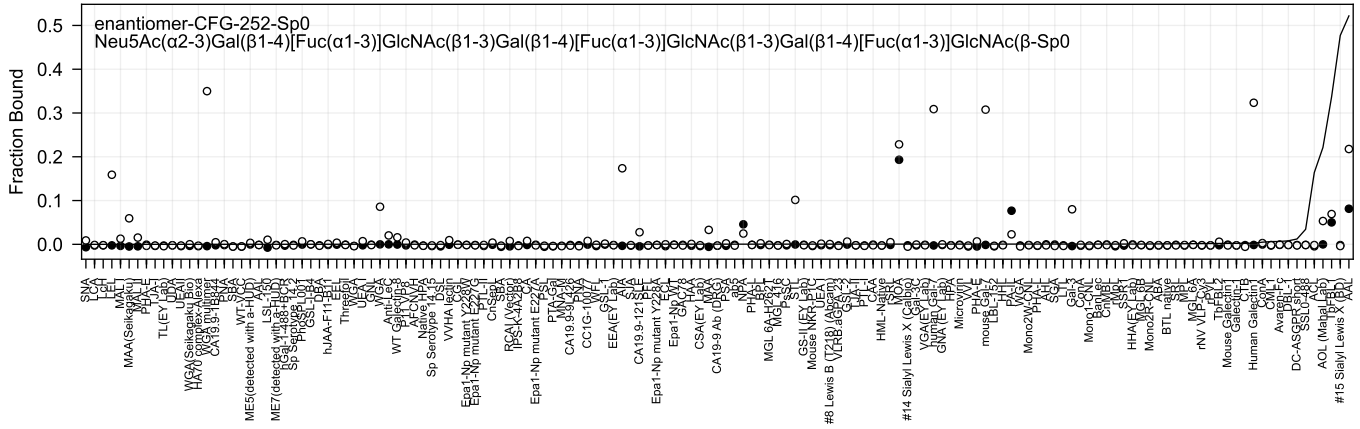

enantiomer-CFG-248-Sp0
Fuc(α1-2)Gal6OS(β1-4)Glc(β-Sp0
Fraction Bound
0.0
0.2
0.4
hJAA-F11
B11
BNA
SNA
VGA(EY Lab)
PTA
PTA(Gal)
PSA
PSA
MAL I
MAA(Seikagaku)
PWA
PHA-L
MOA
MNA-M
SJA
SNA
human Galectin-7
mouse Galectin-7
ABA
BPL
DSL
GNA (EY Lab)
PHA-E
WGA(Seikagaku Lab)
WFL
UEA I
PNA
TL(EY Lab)
SBA
WFA
DBA
LSL
LEL
Agro-lec
Epa1-Np mutant Y298A
WFA
Galectin-3
Human Galectin-1
Mouse Galectin-1
Galectin-3
GNA
VGA
VGA
Thrombin
Mouse NRP
AOL
DC-ASGPR
sialic
EEL
GSL I-B4
HPA
CSA(EY Lab)
DSA
MGL-AF
HA70 complex-Alexa
hGal-1-488-BCB
#14 Sialyl Lewis X (Calbiochem)
TxFB-2
SSL1
SSL7
TSR
BTL
Sp Serotype 14-2
VLRB.aGPC-2
MGL (Mouse)
CA19.9-2
CGB
#8 Lewis B (T218) (Abcam)
IPS-1-4A2
EB8
AIM
Epa1-Np WT
#15 Sialyl Lewis A (EY Lab)
EEA(EY Lab)
PUL
CA19.9-1-2
NV-VLP-2
SSL
CA19.9-1-2
Microvirin
Bacillus
CA19.9 Ab (Y-G-S)
Sp Serotype 8
GSL-I(EY Lab)
Avarol-H
HML-Halavis
Epa1-Np mutant Y298A
HHA(EY Lab)
ECL
SOA
SCA
PhoSL(NV)
Naiye
Epa1-Np mutant Y298A
Monoclonal Y298A
DSA
SSL2
BHA
Epa1-Np mutant E297A
LBL-152
Coch
Mono2W-SSL
CA19.9-1-BNA
Mono-1-BNA
MPL
MAL II
CC1G-1-NV
Gal-3C
MGL
SNA
COA
CCA
P11-VP8
ME7(detected with p11-VP8)
WGA multimer
ME5(detected with p11-HOJ)
WHA (lectin)
AOL (Matsu Lab)
RCA I
RCAI (Vector)
UEA I
UEA I

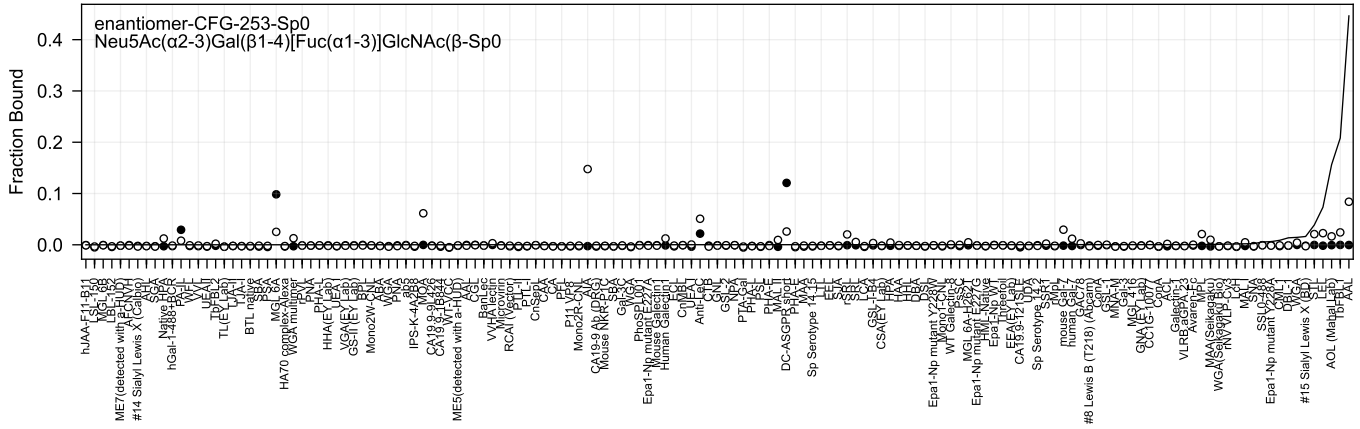

enantiomer-CFG-249-Sp0
Neu5Ac(α2-3)Gal(β1-3)GlcNAc(β-Sp0
Fraction Bound
0.4
0.3
0.2
0.1
0.0
SNA
MAL I
ME5(detected with a-HUD)
PNA
LSL-15p
LSL-15p
DEA1
LBA
MAL II
ME7(detected with a-HUD)
AFCONV1
NPA
PEA(EY Lab)
JAC1
TJ1 (EY Lab)
WGA (EY Lab)
HA70 conjugate Alexa
CAA(EY Lab)
IPS-K-4A2B6
BP
EEA(EY Lab)
PNA
PNA
PTA1
SBA
UEA
UDA
#14 Sialyl Lewis X (PABP2)
VVA(Lectin)
GSL-I-B4
LCA
AIA
Mouse NKR-P1C
Epa1-Np mutant Y226B
Mono2R-VGSL
Epa1-NEC1
Mouse Galectin1
CPA
CHA(EY Lab)
CAA
CAA
Mono2-CGSL
Mono2-CGSL
Sp Serotype 1,4,18
Sp Serotype 1,4,18
CAA
GNA
GSL-I-A4
HPA
SJA
HAA
DC-ASGPR
SPA
BTL
HHL
BTL
BPA
MAA(Seikagaku)
Sp Serotype 1,4,2
HMA(Lectinex)
Banlec
Epa1-Np mutant Y226A
Epa1-Np mutant Y226W
Epa1-Np mutant Y226Q
WGA(Seikagaku)
MGL 64-HT
EEL
Thrombin
CGA
CGA
CA19-9 Ab (PRG3)
CSA(EY Lab)
CnLectin
PEL
SCA
MAL I
MAL I
PSA
Native PEA
SBA
SBA
#15 Sialyl Lewis X (PABP1)
#8 Lewis B (Y218) (Abcam)
GAL8
GAL9
VVL
VVL
hJAA-F10
LSL-1
Microcystin
AOL (Martial Lab)
hGal-1-488
BSA
GNA (EY Lab)
P11
VPA
DBL-1
Avenin
Mono2R-CGSL
HHA(EY Lab)
PTL-I
VGA(EY Lab)
PhoSL
WGA
Gal-3
RNX
Gal-3C
RCA (Vector)
Gal-3C
GS-II (EY Lab)
ABA
MAL
MAL
VLRB.aGPA
MOA
MOA
CA19.9-SL-428
Galectin-1
PTA
Sialyl
WT SSL-I-488
Human Galectin1
Human Galectin1
Tb
Tb
Human Gal-1
Chicken Gal-1
Mouse Gal-1
Anti-LeC

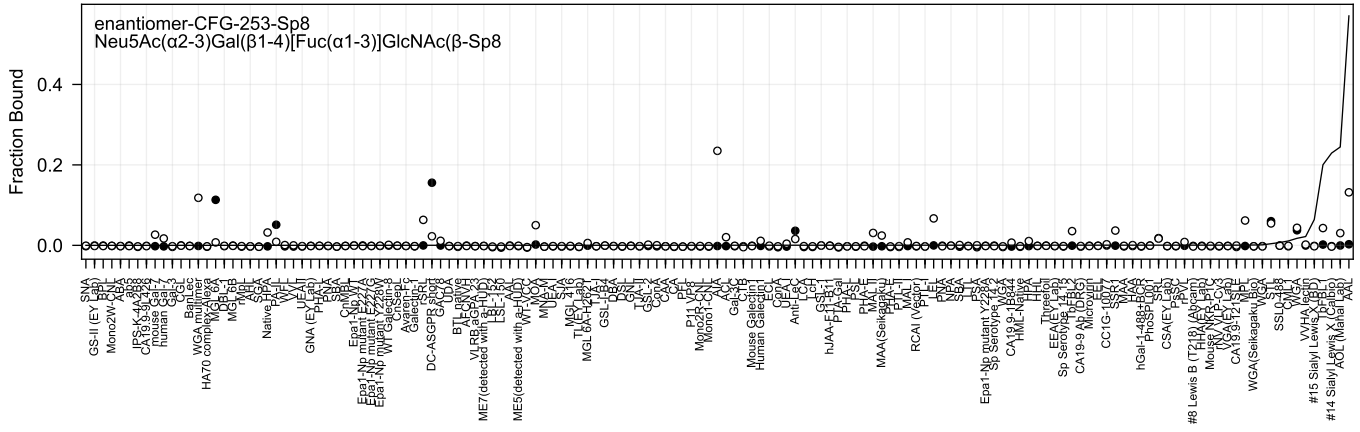

enantiomer-CFG-249-Sp8
Neu5Ac(α2-3)Gal(β1-3)GlcNAc(β-Sp8
Fraction Bound
0.4
0.3
0.2
0.1
0.0
MGL 6A-H 126T
Mono2W 126L
LBA
AOL (Mahal
BS9
CA19-9-Lactone
CA19-9-Acid
Gal-3
Bat Liv C
HA70 complex (Jacq
MGL-6B
Tb-RBL
SSL7
SSL5
SGA
Native PFA
WGA(Seikagaku)
PAL
UEA I
UDA
PNA
VFA
EEL
SNA
GSL I (EY Lab)
GNA (EY Lab)
Epa1-Np mutant E227Q
Epa1-Np mutant (Cowie)
PhoSL 1001
PA-IL
SBL
DC-ASGPR short
BTL (Jakys
#14 Sialyl Lewis X (Calbio)
#15 Sialyl Lewis A (Calbio)
ME5(detected with a-Tn (DD)
MVA
VGA(EY Lab)
MVL
EUA
SRA
PHA-L
HHA(EY Lab)
EEA(EY Lab)
SBA
hJAA-F11
BPA
TJA
DBA
EBL
SJA-I
GSL-2
COA
CSA(EY Lab)
AIA
Gal-3C
OJB
WGA
WPL
Mouse Galectin-1
CPA
CVN
GSL-B4
PSA
MAA
PAL-I
MAL II
MAA(Seikagaku)
PNA
NEA
LCA
RCAI (Vector)
PTL-II
Pro-KL
Pro-TL
Mono1-TL
#8 Lewis B (T2218) (Calbiochem)
MGL-6A
VLRB.aGPC3
Mono2R-126T
GAC78
Sp Serotype 14
Sp Serotype HA2
CNY VLP-C13
CNY VLP-C14
HA2-Sa26
Epa1-Np mutant Y304A
Epa1-Np mutant F50A
Microcystin
Epa1-Np WT
TJ-II
PEA-GII
Avarol-FC
CA19-9 Ab (DRG)
MGL-7A
MGL-7B
Epa1-Np mutant L229W
Mouse NKR-P1C
VVA
P-11 Vaccine
hGal-1-488-BCR
WT-VJC
WGA mutant
Galectin-1
ME7(detected with a-Tn
WGA
Cholera
WT SSLD-488
Human Galectin-7
human WGA
SNA
CRP
cA19-9-B844
Anti-LeC

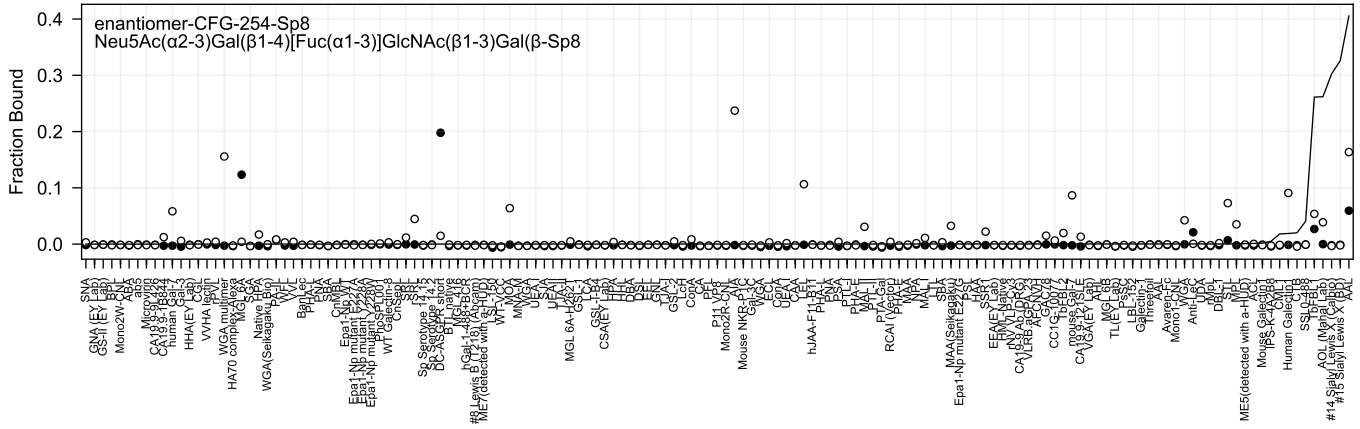

enantiomer-CFG-250-Sp8
Neu5Ac(α2-3)Gal(β1-4)GlcNAc6OS(β-Sp8
Fraction Bound
0.6
0.4
0.2
0.0
SNA
PNA
MAL-I
MAL-II
WT-VCC
ME5(detected with a-Hel)
RCAI (Vector)
PTL-I
PTL-II
PHA-E
PHA-L
rMAL-I-Cys
rMAL-I-Ala
LBL
VVL
PAL
IPS-K-4-Gal3
Microvirin
vVHA-Man
ABA
Bap
GSL-II (EY Lab)
GNA (EY Lab)
HHA(EY Lab)
TBL-I
TBL-II
SSA
SBA
Native HPA
CA19.9-rBSA
MAA
PHA-E
PHA-L
PT
P11 VPE
AAL
AIA
CnSepl
PhoSPecifin
Epa1-Np mutant Y225V
XVIA
TKB
Epa1-Np WT
PGL
CvFL
UEA-I
CA
CNL
Mono2R-CNL
GSL-I
TcFB
BYL
MGL(Native)
DC-ASGPR-rBS4
CoA
HHA
Sp Serotype 1
SBL
SNL
SNA
CA19.9
CA19.9 (DRG)
CA19.9 (Abcam)
Banlec
Mono2W-CNL
Epa1-Np mutant E225A
CA19.9-121(SLE)
#15 Sialyl Lewis A(Kitov)
MGL 6A(Hybrid)
HA70(Hybrid)
VCRB.4G2-238
GlcSL
Mono1C-CNL
AOL (Mahal Lab)
Sp Serotype 14
AAL
AIA
TJ (EY Lab)
cSA(EY Lab)
PGL
Epa1-Np mutant Y225W
DSL
#14 Sialyl Lewis X (Calbio)
#8 Lewis B (1216) (Abcam)
PGL
HPA
VGA(EY Lab)
AFCONA
Epa1-Np mutant E225T
RGal-1-488-HEC
Avarol
AHL
EEA(EY Lab)
CC1G-10077
Mouse NK-RL
GNL
GRL
ME7(detected with a-Hel)
PSA
Mouse Galectin-3
WT Galectin-3
CTB
MGL-I
Galectin-1
KVGA
WGA (Hybrid)
hJAA-FITC
HCA
DBL
SSL-I
PSL
PNA
WGA(Seikagaku) Lot 1
WGA(Seikagaku) Lot 2
MAA(Seikagaku)
Human Galectin-1
mouse Galectin-1
WGA
SJL
LEL

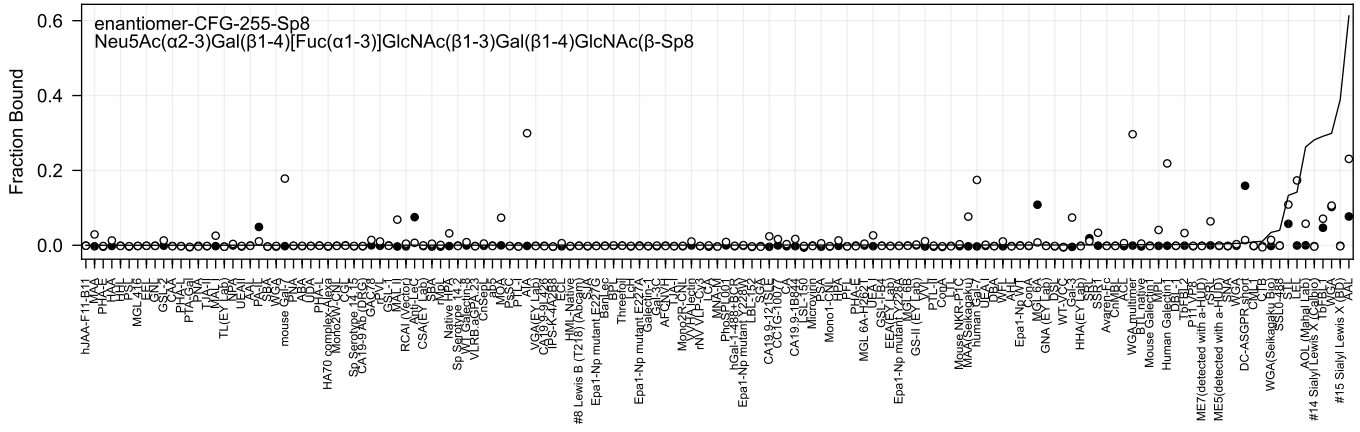

enantiomer-CFG-251-Sp8
Neu5Ac(α2-3)Gal(β1-4)[Fuc(α1-3)]GlcNAc6OS(β-Sp8
Fraction Bound
0.6
0.4
0.2
0.0
SNA
Con A
PSA-FLAGB
CAIII-FLAGB
mouse Gal-7
human Gal-7
VVA
BanLec
CA19-9 Ab (OHG)
WGA mutant
Avarol-Fc
CCTG-1001
ABL
SBL
WGA(Seikagaku Lot)
WFL
Epa1-Np mutant Y122A
TL(EY Lab)
PhoSL (UGA)
UEA
TL(EY Lab)
GS-II (EY Lab)
DC-ASGPR stock
GBP-C2
#15 Sialyl Lewis X (TBD)
#8 Lewis B (TBD)
ME7(detected with anti-FUD)
LBL
SBL-150
WTA
WGA
MVGN
VGA(EY Lab)
UEA
SBA
PHA-L
PHA-E
HHA(EY Lab)
ME5(detected with anti-FUD)
LJA
DBA
Native SBA
EEL
GSL-I
Epa1-Np mutant E227G
COA
PSL
P11
Mono2R-CN
Mono1-CN
Epa1-Np mutant E227A
Thrombin
WGA
CrmB
Mouse Galectin1
Human Galectin1
ECL
OPA1
Anti-HEL
HAA
MAA(Seikagaku)
MAL-I
PHA-E
PTA-Gal
MEL
PVL-1
RCAI (Vector)
GSL-I B4
CSA(EY Lab)
PTA
PNA
MAL-I
Mouse Nucleolin
Mouse NS-1 126
Sp Serotype 14.2
HA/70 complex
Galectin-3
Sp Serotype 14.15
EEA(EY Lab)
EC-1 (Lab)
WT Galectin-8
Epa1-Np WT
ACA
ArCNGR
AOL
NPA
Epa1-Np mutant Y122A
CA19-9 (TBD)
hGal-1 N46-S48
Microvirin
CGL
PHA-L
VLRB.a-GFP
GNA (EY Lab)
#14 Sialyl Lewis X (TBD)
MAA(Vector)
GSL-I
MGL 6A-H2B2
MGL-GB
TpF
ACE
MGL-GB
SSLL-138
TpBL-1
AOL (Mahal Lab)
AAL

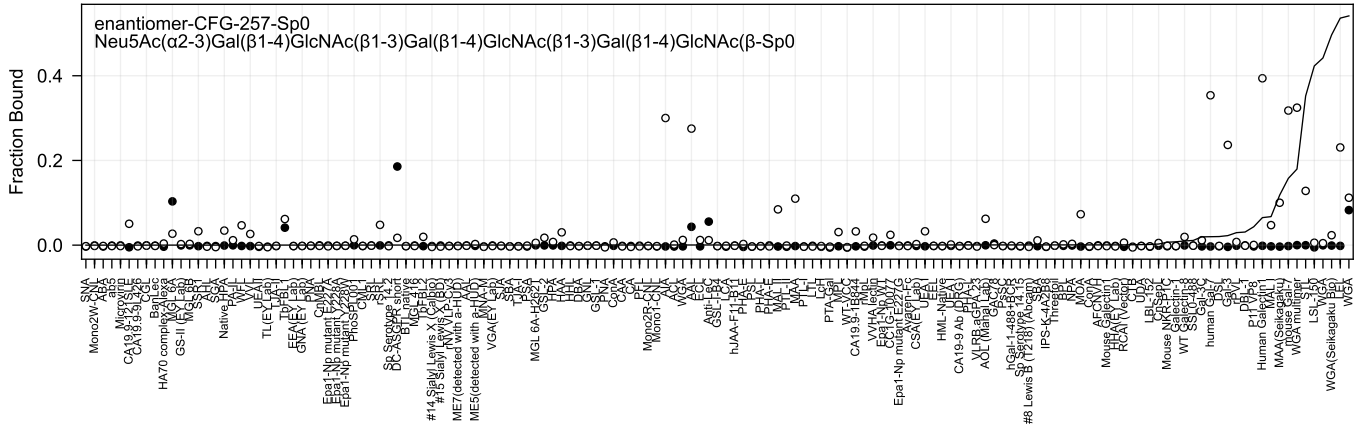

enantiomer-CFG-252-Sp0
Neu5Ac(α2-3)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-3)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-3)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β-Sp0
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
SNA
LEA
LEL
WAL
MAA(Seikagaku)
PNA
PHA-E
TL(EY Lab)
UEA
WGA(Seikagaku)
WGA(Biotech)
HA/0
CA19.9-1
CA19.9-2
SBA
WT-HUD
ACA
ME5(detected with LS-HUD)
ME7(detected with LS-HUD)
LGR-1-488-BCB
Sp Serotonin
GSL-I-B4
hJAA-F11-B17
Thrombin
WFA
GNL
VVA
Anti-Tac
WT Galectin-3
Af-CNA
Naive 1-F2
Sp Serotonin
BSL
VVHA
Epa1-Np mutant Y225V
Epa1-Np mutant Y225K
PTL-I
Chitin
RCA(Vector)
RCA(Vector)
IPSA-4-2
ECA
Epa1-Np mutant E224A
PTA-Ga
CA19.9-N-128
PNA
CC1G-1
WFL
GSL-I
EEA(EY Lab)
AIA
CA19.9-121
SLE
Epa1-Np mutant Y225F
ECL
Epa1-Np
HAA
CSA(EY Lab)
MAA
CA19-9 Ab (DBG)
SBA
PHA-L
MGL 6A-1-B5
MGL 4-1-B
PSL
SSL
GS-I(EY Lab)
Mouse NKT Lab
#8 Lewis B (Vector)
UEA(Vector)
GSL-I-B4
PHA-L
CAA
HML-NSRP
MOA
#14 Sialyl Lewis X (CFG)
VGA(Lectinity)
Gal-3C
Gal-3
Human Gal-7
GNA (EY Lab)
HPA
Microvirin
PHA-E
mouse Gal-7
LBA
HIP
PAL
Mono2W-CON
PAL
SGA
Gal-1
Gal-3
CON
Mono1-CON
Banlec
Cnidarian
MGL
SSA
HHA(EY Lab)
MGL-CBD
Mono2K-CON
BTL native
MPL
rNV MP-CA
TKA
PNA
Mouse Galectin-1
Galectin-4
Human Galectin-1
CON
COA
Avarol-Fc
DC-ASGPR
SSLL-488
AOL (Marqui Lab)
#15 Sialyl Lewis X (CFG)
AAL

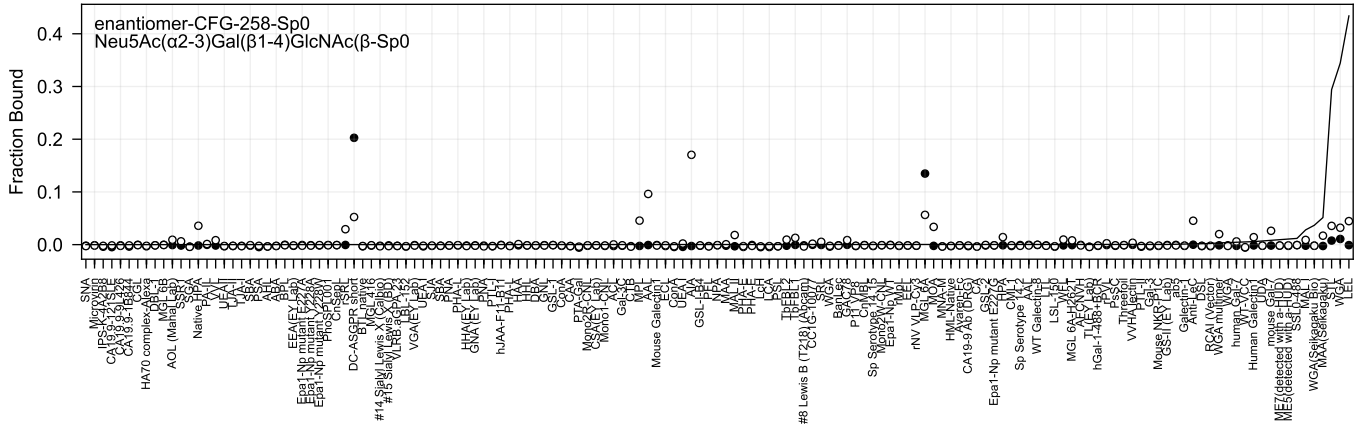

enantiomer-CFG-253-Sp0
Neu5Ac(α2-3)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β-Sp0
Fraction Bound
0.0
0.1
0.2
0.3
0.4
hJAA-F11-B10
FSL-1
MGL-68
ME7(detected with a-H-DD)
#14 Sialyl Lewis X (Calbiochem)
AGL
Native PFA
hGal-1-488-BCR
WFL
UEA-I
TL(EY Lab)
TxB-1
BTL (Lectinity)
SBA
MGL-64
HA70 complex Alexa
WGA (murine)
PNA
HHA(EY Lab)
VGA(EY Lab)
GS-II (EY Lab)
Mono2W-CNL
WGA
PNA
IPS-K-488
MGA
CA19.9-488
CA19.9-TB488
ME5(detected with a-H-DD)
AAL
ACL
VVL
BanLec
WFA lectin
RCAI (Vector)
PTL-I
CnSpA
PCA
PSA
P11
Mono2R-CNL
CA19-9 Ab (DSG)
Mouse NKR-P1A
SBA
Gal-3C
PhoSL (Vector)
Epa1-Np mutant E227A
Human Galectin1
CnBP
CnUEA
Anti-CTB
CTB
GNA
NPA
PTA-Gal
PSL
PSE
MAL II
DC-ASGPR
PSA
Sp Serotype 14
MAA
Sp Serotype 14-LPS
ETA
ETX
rSBL
SCA
GSL-I-B4
HPA
CSA(EY Lab)
HMA
DBA
Epa1-Np mutant Y286W
WGA (Vector)
Epa1-Np mutant E227G
MGL 6xE227G
Epa1-Np mutant P288C
HML-Native
Epa1-Np mutant T286Q
Tetanolysin
CAE-E171 Lab
CAE-E171 LRB
UDA
Sp Serotype 5
Sp Serotype 5-LPS
OAA
mouse Gal-7
human Gal-7
#8 Lewis B (T218) (Abcam)
CGA
CGA-N
MGL-Gal-6
GNA(EY Lab)
CCL(EY Lab)
ACL
Galectin-1
VLRB.aGPA.21
Avarol-PE
MAA(Seikagaku)
WGA(Sigma)
RNase U2-B
ACA
MAL
SNA
Epa1-Np mutant Y286S
SSL-Y288
DOL-1
WGA
#15 Sialyl Lewis X (BD)
LEL
AOL (Marbiopharm)
TF-Gal
AAL

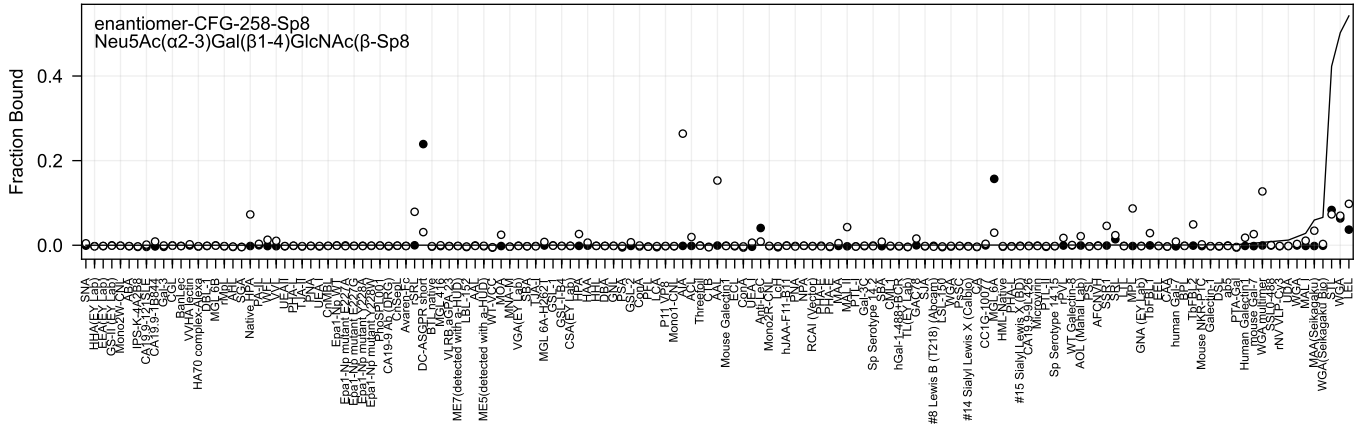

enantiomer-CFG-253-Sp8
Neu5Ac(α2-3)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β-Sp8
Fraction Bound
0.0
0.2
0.4
SNA
GS-II (EY Lab)
BPL
Mono2W
ABA
JFS-K-4A-388
CA19-9-4-228
human Gal-7
human Gal-3
GalC-3
WGA mutant
HA70 complex
WGA
MGL-B6
TVL
SSA
SGA
Native PA
PNA
WFL
PTL
UEA II
GNA (EY Lab)
PHA-L
PHA-E
CrCM
MBL
Epa1-Np mutant Y229A
Epa1-Np mutant E227A
Epa1-Np mutant Y229A
WFA
Galectin-9
CrSeaP
Anomalin
Galectin-7
PSL
DC-ASGPR
SSL1
GAL8
BTL-native
AGSVA
VLRB-GAL
ME7(detected with a-HUD)
LSL-1-156
LSL-1-55
ME5(detected with a-HUD)
AAL
WFA-VVD
MOA
MGL-A16
MGL-A16
MGL-T16
MGL-B6(EY Lab)
TJA-I
GSL-I-B4
DSL
TJA-II
GSL-I
CAA
PCL
PCA
PJ1
PJ1 VF8
Mono1-CN
Mono1-CNL
ACA
ACL
Gal-3C
Mouse Galectin-1
Human Galectin-1
CGA
CGA2
CGA3
LCA
AmCyA
LCL
GSL-I-A4
hJAA-F11
Tal
PHA-E
PHA-L
PHA-E
PHA-L
MAA(Seikagaku)
PWA-I
MAL-I
RCA I (Vector)
PTL
PNA
SNA
SGA
PSA
Epa1-Np mutant Y229A
Sp Serotype
WGA
CA19-9-1-B44
NMC-M3-B44
EBA
HPA
Tureolin
EEA(EY Lab)
Sp Serotype
PEBL2
CA19-9
Mouse CD1d
EEL
CC1G-1-SSR1
MAA
hGal-1-438-FCS
PhoSSP
SBL
CSA(EY Lab)
PNV
#8 Lewis B (T-1-B) (Alexam)
Mouse NKR-P1
VVA
VGA(EY Lab)
CA19-12-NSE
WGA(Seikagaku)
Bo
VSA
SSL2-138
VGA
VVH
#15 Sialyl Lewis X (Calbiochem)
#14 Sialyl Lewis X (Calbiochem)
AOL(K Malai Lab)
AAL

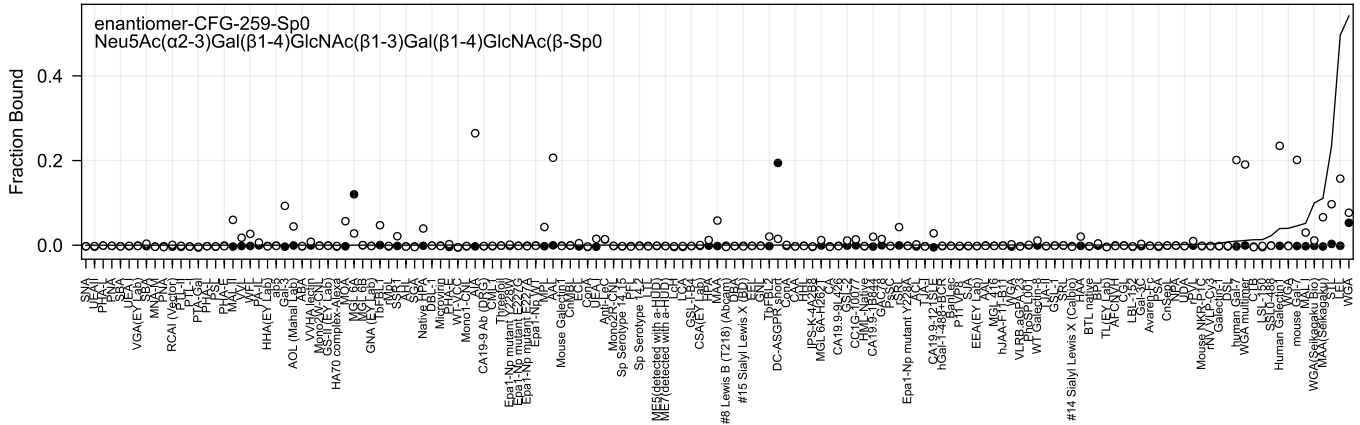

enantiomer-CFG-254-Sp8
Neu5Ac(α2-3)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-3)Gal(β-Sp8
Fraction Bound
0.4
0.3
0.2
0.1
0.0
SNA
Jacl
GNA (EY Lab)
GS-II (EY Lab)
DSL
Mono2W
ABA
Microvirin
CA19.9-1B844
CA19.9-1B842
human Gal-3
HHA(EY Lab)
Lcn
PNA
VVHA
WGA mutant
HA70 complex-Alexa
MGL-6A
Native PA
WGA(Seikagaku)
Galectin-1
WFL
PAA
Banana lec
PNA
SBA
Cramoll
Epa1-Np WT
Epa1-Np mutant E222A
Epa1-Np mutant Y228A
Epa1-Np mutant Y228A
WT Galectin-3
CrSerpin
SBL
Sp Serotype 4 12
Sp Serotype 4 12
DC-SIGNR short
PepTox
#8 Lewis b Gal-1(15)-BCR
ME7(detected with a-HOD)
WT-Y28
MVA
MVA
WGA
UEA-I
UEA-II
PNA
MGL 6A-H262T
GSL-I
GSL-I-B4
CSA(EY Lab)
HPA
DBA
DSL
SBL
SSL
LTA
GSL-I-A4
CoPA
PHA-L
PHA-E
P11
Mono2R-CFS
PVA
Mouse NKR
Gal-3C
WGA
CoPA
CoPA
UEA-I
hJAA-F11
PHA-E
PHA-L
ESA
PTL-I
MAL-I
PTL-II
RCA(Vector)
PNA
NPA
MAL
SBA
MAA(Seikagaku)
Epa1-Np mutant E222Q
HPA
SSA
SSB1
EEA(EY Lab)
ENL(Nature)
CA19.9-1B843
VCRB-AGA-23
AGA
CC1G-1D8-2
GAL-7
mouse Gal-7
CA19.9(EY Lab)
ASA
TL(EY Lab)
MOR
Galectin-1
LBL
Fasc
Galectin-1
Threonin
Avarep-Fc
Mono WGA
WGA
Anti-LEX
DSA
Mpl
DSL
SLT
MCL
ACL
ME5(detected with a-HOD)
ACL
Mouse Gal-3
Human Gal-3
CML-1
Human Gal-8
CTB
SCLP-488
SLT-1B
#14 Sialyl Lewis x (BD)
AOL (Mahal Lab)
#15 Sialyl Lewis x (BD)
AAL

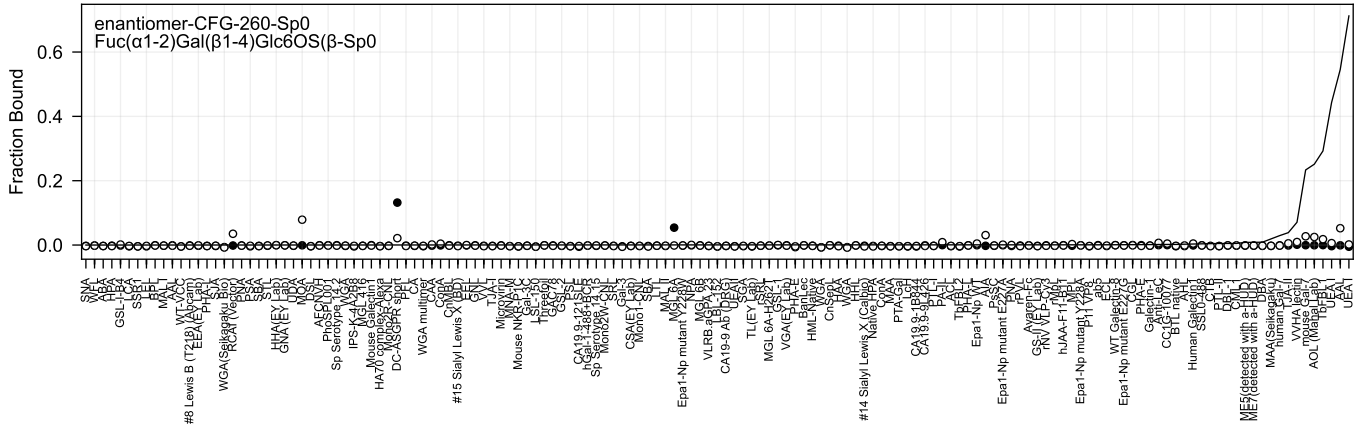

enantiomer-CFG-255-Sp8
Neu5Ac(α2-3)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-3)Gal(β1-4)GlcNAc(β-Sp8
Fraction Bound
0.6
0.4
0.2
0.0
hJAA-F11-B11
PNA
PHA-E
PHA-L
MGL-1/8
EEL
GSL-I-B4
CAA
PTA-Gal
TKA
MAL I
TL(EY Lab)
UEA I
PAL
ACL
WFA
VVA
SBA
ABA
PNA
HA70 complex
Monoclonal
CSL
Sp Sequence 14-2
CA19.9-IgG
GNL
RCA I (Vector Lab)
CSA(EY Lab)
SBA
MPL
Native Human
Sp Sequence 14-2
VLCB-Galectin-3
CnSepi
MAA
PSA
AIA
VGA(EY Lab)
CA19.9-IgM
IgBS-K-K288
#8 Lewis B (T218) (Abcam)
HM-Native
Epa1-Np mutant E227G
Bat
Epa1-Np mutant E227A
Galectin-1
APGNYH
Mono2R-CNL
rNVVTA-Lectin
TCA
MPA(A)
Phos-Ab
hGal-1-488-Bat
Epa1-Np mutant L82-2
CC-1G-1007
SCE
CA19.9-12
CA19.9-IgG44
LSL-150
MicroBGX
Mono1-CNL
PNA
PE
MGL 6A-F267
UEA I
GSL-I (Lab)
EEA(EY Lab)
Epa1-Np mutant M2-488
GS-II (EY Lab)
PTL-II
Con A
Mouse NKR-P1C
MAA(Seikagaku)
Human DEC-205
LEA
WFA
Epa1-Np
AVT
Con A
GNA (EY Lab)
DSL
WT-Galectin-3
HHA(EY Lab)
SSA
SSB1
Avarol-CBM
CBM
WGA mutant
BTL native
Mouse Galectin-1
Human Galectin-1
TPEB-1
pTEB-1
ME7(detected with a-HUP)
ME5(detected with a-SUP)
VGA
VGA
DC-ASGPR-CRD
CMH-1
WGA(Seikagaku)
SSLU
SSLU-488
LEL
#14 Sialyl Lewis X (Mochal Lab)
AOL (Mochal Lab)
TPEB-1
#15 Sialyl Lewis X (BD)
AAL

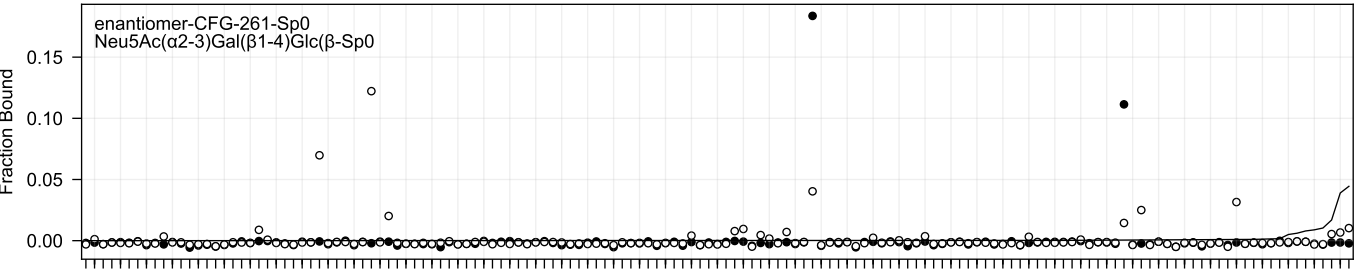

enantiomer-CFG-257-Sp0
Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.0
0.2
0.4
SNA
ABA
ABA
Mono2W-CNT
Microvirin
CA19.9-Ab
CA19.9-Ab
SJA
CGL
HA70 complex
Bacillus
GS-II
MGL-6A
MGL-6B
SBA
SBA
Native
PNA
PNA
WFL
UEA-II
TL(EY Lab)
TL(EY Lab)
EEA
DVBL1
GNA(EY Lab)
GNA(EY Lab)
CMA
Epa1-Np mutant E222A
Epa1-Np mutant Y228G
Epa1-Np mutant Y228G
PhoSCN01
CSL
SBL
Sp Secretope
Sp Secretope short
DC-ASGPR
DC-ASGPR
MGL-2A18
MGL-2A18
#14 Sialyl Lewis X (BD)
#15 Sialyl Lewis X (BD)
ME7(detected with a-hi Ab)
ME5(detected with a-hi Ab)
VVL
VGA(EY Lab)
VGA(EY Lab)
TJA
SNA
SBA
PSA
MGL 6A-Lot2
CTB
HPA
HPA
DBA
DBA
GSL-1
GNA
CAA
CAA
ECL
Mono2R-CNT
Mono1-CNT
AIA
WGA
ACL
ACL
Agn-SC
GSL-I-B4
hJAA-F11-B11
PHA-E
PHA-E
PHA-L
MAL-I
MAA
PTL-I
LCH
PTA
Vicia
PTA
Vicia
WT-VCA
WT-VCA
CA19.9-Ab
RCA
RCA
EVVHA legin
EPG-10-077
EPG-10-077
Epa1-Np mutant E222-FG
CSA(EY Lab)
CSA(EY Lab)
AOL
EEL
HML-Native
EEL
CA19-9 Ab (DRG)
CA19-9 Ab (DRG)
VLRB.aGPC.3
AOL (Maha Lab)
GNL
PSA
hGal-1-488-H-S
hGal-1-488-H-S
#8 Lewis B (12/18) (Abcam)
IPS-K-4A2B8
Thrombomodulin
RPA
MOA
MOA
AFCNV-A
Mouse AFCNV-A
RCA(EY Lab)
RCA(Vector)
UDA
UDA
LBL
Mouse NKR-P1C
WT Galectin-8
Galectin-8
SS-LG-108
human Gal-7
human Gal-7
Gal-3
Gal-3
DSL
PVL
P-11-Pa
Human Gal-1(Alt1)
MAA(Seikagaku)
WGA mutanger
LSL
LSL
WGA(Seikagaku)
PEL
WGA
WGA

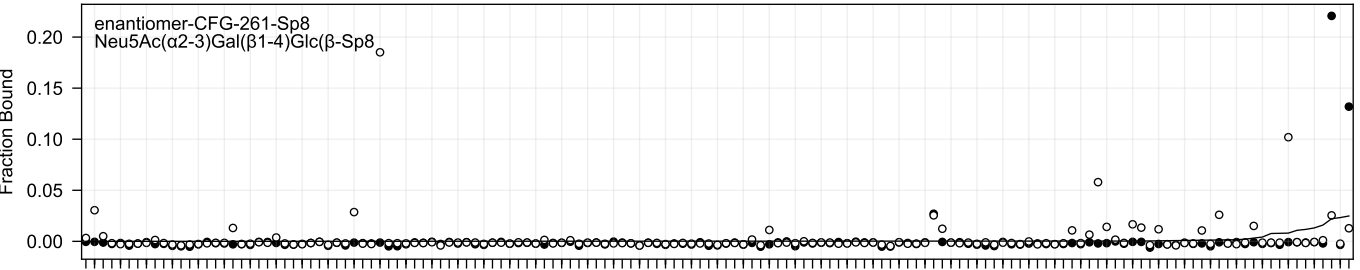

enantiomer-CFG-258-Sp0
Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.0
0.1
0.2
0.3
0.4
SNA
Microvin
Tps-C-1A25B
CA19.9-1A25A
CA19.9-1B24
CA19.9-1B25
HA70 complex-Alexa
MGL-1
AOL (Maha Lab)
SSA
Native-PFA
LCA
LVA
UEA-I
UEA-II
SBA
PSA
ABA
ABH
BPL
PNA
EEA(EY Lab)
Epa1-Np mutant E-2272
Epa1-Np mutant Y2280
Epa1-Np mutant Y2280A
PhoSL001
CnuSL
PSL
DC-ASGPR short
WFA
#14 Sialyl Lewis x (JIMR)
Mgl-1-418
#15 Sialyl Lewis a (JIMR)
VLRB.a-A23
VGA(EY Lab)
UEA
SBA
BPL
PNA
LNA(EY Lab)
GNA(EY Lab)
PNA
hJAA-F11-B11
PHA-L
PHA-E
DSA
ORA
GSL-I
COA
PTA-Gal
Morgan-Y
OSA(EY Lab)
Moriu-1
Gal-3C
MPL
Mouse Galectin-1
ECL
UDA
GPA
AIA
GSL-II
ZAA
PEL
NEA
MAL-II
MAL-I
PHA-E
LCA
PSA
TJA-II
TFEB-1
#8 Lewis B (T21/8) (Akabori)
CCR(G-1-B)
VRA
WGA
BAA
GK-28
PTL-II
CnuMEL
Sp Serotype 4-1-15
Sp Serotype 4-1-15
Epa1-Np WT
rNV VLR-C-23
MPL
rNV VLR-C-23
MOA
MNA-M
HMA(Maehara)
CA19-9 Ab (DRG)
PSL-1
Epa1-Np mutant E-2272
GSL-2
Sp Serotype OM-2
WT Galectin-3
ACL
LSL-1
LEL
MGL 6A-1A24
AEA(Yoshi)
hGal-1-488-1-BCR
PsSC
TJA-I
vvHA
Treeelol
PHA-L
Mouse NKS
SarC
GS-II (EY Lab)
Galectin-1
Anti-DSL
RCA I (Vector)
WGA mutant
WGA
human Galectin-7
human Galectin-1
Human Galectin-3
mouse Galectin-3
MEL(detected with a-HUD)
MEL(detected with a-HUD)
SSL-1-488
WGA(Seikagaku)
MAA(Seikagaku)
vGA
LEL

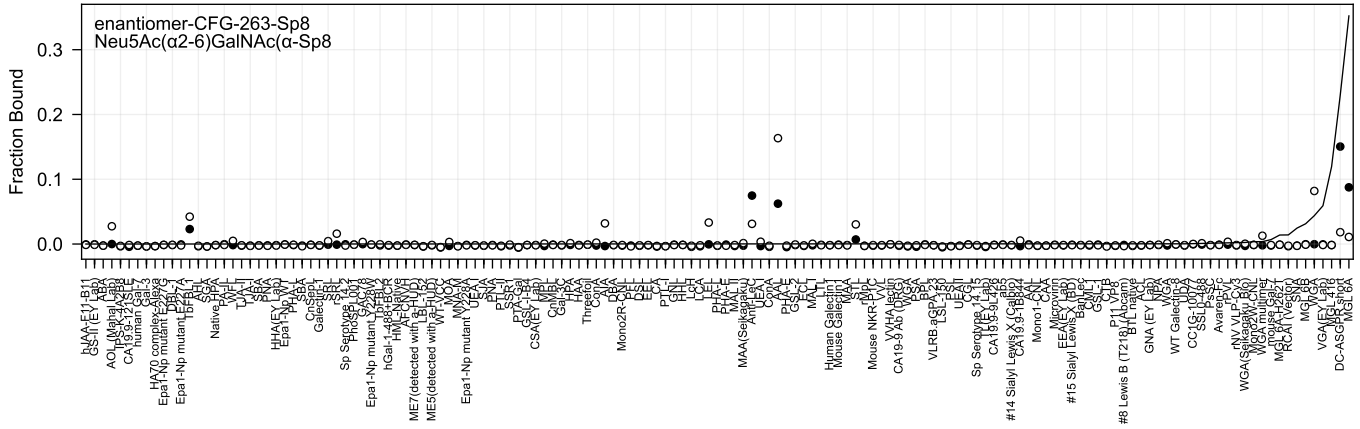

enantiomer-CFG-258-Sp8
Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β-Sp8
Fraction Bound
0.0
0.2
0.4
SNA
HHA(EY Lab)
SEA(EY Lab)
GSL-I(EY Lab)
Mono2W
ONL
IPS-K-A
CA19-9
CA19-9-1
SLE
Gal-3
GLL
Bauhinia
VVA
HA-Lectin
HA70 complex
Galectin-9
MGL-6b
ABL
ABA
SPA
Native PAA
WT
PHA-L
PHA-E
PHA-P
TJA-I
UEA-I
LEA
Epa1-Np mutant
Epa1-Np mutant E227A
Epa1-Np mutant Y228W
Epa1-Np mutant Y228W
CA19-9 Ab (DG)
CnSepl
Avarol
ISRC
DC-ASGPR short
MGL-418
VLRB-418
LBL-422
ME7(detected with α-HUD)
ME5(detected with α-HUD)
WT
MOC
MVA-M
VGA(EY Lab)
SBA
MGL 6A-H
GSL-I
GSL-II
CSA(EY Lab)
HPA
HIA
DBA
ORA
BSA
Gal-4
PEA
PEK
P11
VS8
Mono1
CVN
ACL
Thrombin
TIB
Mouse Galectin-1
AAL
ECL
GPA
APA
ABP-CBC
Mono2K
LCA
hUAA-F1
BAA
NPA
RCAI (Vector)
PNA
PTA-G
PTA-M
MAL-I
MAL-II
Gal-1-C
Sp Serotype 14-3
CML-1
hGal-1-H6(Pitch)
TLGB-Pitch
GA-C8
#8 Lewis B (T218) (Abcam)
LSL-130
PaSC
#14 Sialyl Lewis X (Calbio)
CC1G-0007
HML-Native
CA19-9-L
#15 Sialyl Lewis X (Calbio)
CA19-9-L26
MPL
Sp Serotype 14-1
WT Galectin-8
AoL (Mahal lab)
AFSNOW
SBL
Mpt
GNA (EY Lab)
Tomato
PEL
CAA
human Galectin-8
BPL
Mouse NRP-B12
Galectin-1
Gal-3
DTA-Gal
Human Galectin-1
Mouse Gal-7
WGA-Strain
rNV-VLP-CX
CGA
WGA
MAL
MAA(Seikagaku)
wGA(Seikagaku Bio)
WGA
LEL

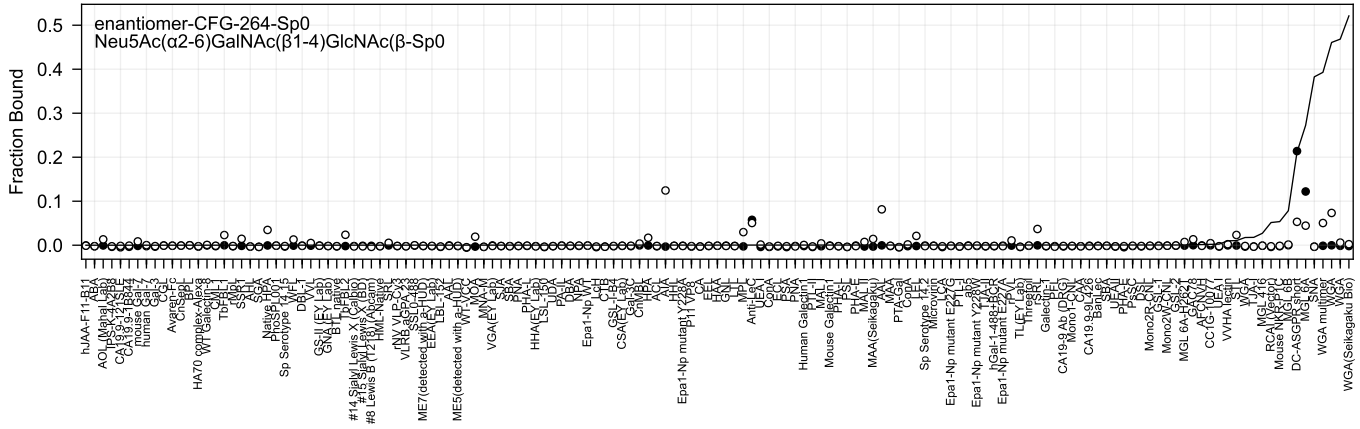

enantiomer-CFG-259-Sp0
Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.0
0.2
0.4
SNA
UEA
PNA
ACL
SBA
VGA(EY Lab)
DBA
MPA
BAA
RCAI (Vector)
PTL-I
PTL-II
PNA-Tag
BSL
PhA-E
MAL-II
WFA
PALM
LEL
HHA(EY Lab)
Gal3
Gal9
Gal1
AOL (Mahal Lab)
ABA
VVA
Mono1-CNII
Mono2-CNII
GS-II (EY Lab)
HA70 complex-VN0A
VN0A
MGL-B8
GNA (EY Lab)
Tomato Lectin
PHA-L
SSA
SSL1
SSL7
Native BJP-1
Microvirin
WT-VCC
Mono1-CNL
CA19-9 Ab (PRG3)
Tunicamycin
Epa1-Np mutant T229W
Epa1-Np mutant E227A
Epa1-Np WT
AAL
Mouse Galectin-1
Galectin-8
ECL
GPA
CIA
ORF-C6V
Mono2-CNL
Sp Serotype 1,2,5
Sp Serotype 1,2,5
ME5(detected with a-HUD)
ME7(detected with a-HUD)
LCA
GSL-I B4
CSA(EY Lab)
HPA
MAA
#8 Lewis B (T218) (Ab)
#15 Sialyl Lewis X (Ab)
TJA-I
TJA-II
DC-ASGPR short
CraA
HHL
PSA
IPS-K-4-126
MGL-66A-P262
CA19.9-9-126
GSL-I-B4
CC16-Nanovir
CA19.9-P8044
Galectin-9
PsaL
Epa1-Np mutant Y298A
ACL
CA19.9-12-F5
hGal-1-488-BCR
PTPV-Ab
EEA(EY Lab)
ACA
hJAA-F11-B17
MGL-B4
VLRB.aGFP-3-A
ProSP-D(D1)
WT Galectin-1
GSL-I
#14 Sialyl Lewis X (Cabiqu)
BTL-I-Alexa
BPL
TL(EY Lab)
AEC(EY Lab)
Gal-1
LEL
Gal-3C
Avarep
PSA-K
CnSepA
UDA
Mouse NKR-P1C
rNV-VP2-Cy3
Galectin-1
DSL
Human Gal-7
wGA (Isu Lab)
CTB
SSL-188
Human Galectin-1
mouse Gal-7
WGA(Seikagaku)
MAA (Seikagaku)
SEL
wGA

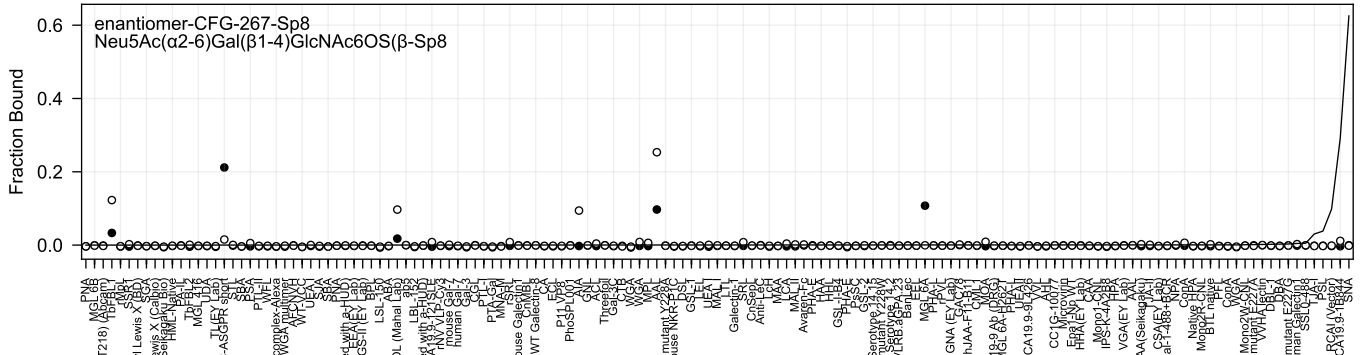

enantiomer-CFG-260-Sp0
Fuc(α1-2)Gal(β1-4)Glc6OS(β-Sp0
Fraction Bound
0.0
0.2
0.4
0.6
SNA
SNA
ABA
ABA
GSL-I-B4
SSA
SSA
LEL
LEL
MAL I
MAL I
WT-AAL
EEA(Euonymus)
PHA-L
BJA
WGA(Seikagaku)
RCA120(Vector)
PNA
SBA
SBA
Jacalin
HHA(EY Labs)
GNA(EY Labs)
MOA
MOA
AEA
PhoSL(D01)
Sp Serotype 1
NVJ
IPS-1-Cal-298
WGA
HA/70 complex
Mouse Galectin1
DC-ASGPR short
PCA
PCA
WGA mutant
SGA
SGA
#15 Sialyl Lewis X (IBD)
SEL
SVL
TJA-I
Mouse NK cells
Gal-3C
LSL-I(B)
Tomato
GRA
GRA
GSL-I
CA19-9-Lc6
hCG-1-13
Sp Serotype 14
Mono2W-SRL
Gal-3
CSA(EY Labs)
Mono1-CRL
SBA
MAL II
Epa1-Np mutant E2/G3
NEA
VLRB aggr
MGP-33
CA19-9 Ab (Dia)
UEA I
TL(EY Labs)
MGL 6A-HSA
GSL-I
VGA(EY Labs)
PTA-Gal
BanLec
HML-WGA
WGA
WGA
CnSerp
WGA
WGA
#14 Sialyl Lewis X (Calbio)
Native-PPA
WAA
PTA-Gal
CA19-9-IgM
CA19-9-IgG
PTA-Gal
PAL
PAL
TKRP1
TKRP2
Epa1-Np WT
PAA
Epa1-Np mutant E2/G3
PNA
PNA
GS-AVIDIT-Fc
RNA VEP-Cap
hJAA-F1-Fc
MPL
Epa1-Np mutant Y172A
PA-IL
abo
WT Galectin-8
Epa1-Np mutant E2/G3
PHA-E
Galectin-1
CCL2-10077
BTL (Trichosanthes)
PNA
Human Galectin-4
Galectin-4
CTB
CTB
DSL-1
ME5(detected with a-HUD)
ME7(detected with a-HUD)
MAA(Seikagaku)
human Galectin-7
VVHA (Jacalin)
Mouse Galectin-7
AOL(Maackia)
TJA-II
UEA I
UEA I

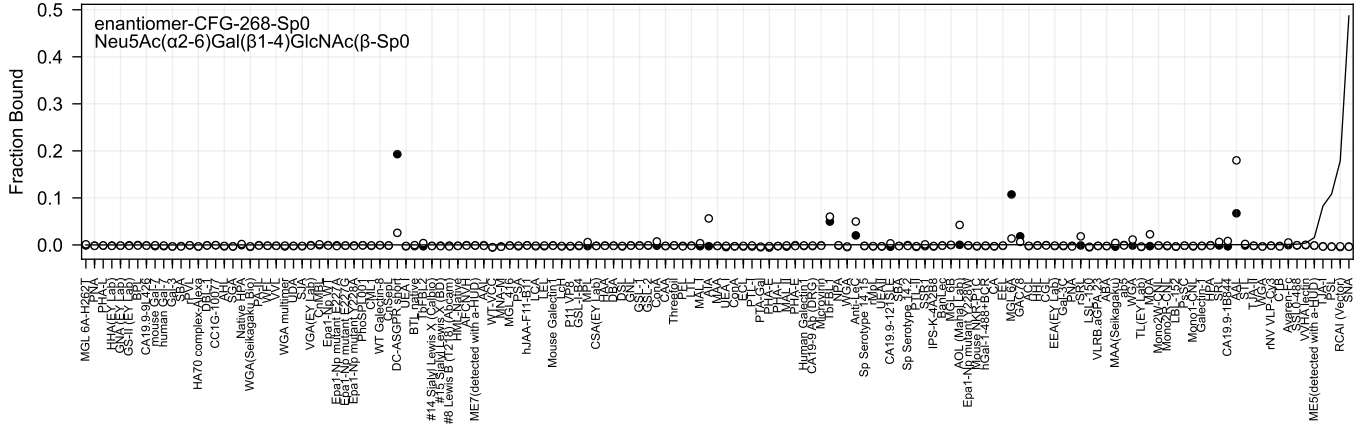

enantiomer-CFG-261-Sp0
Neu5Ac(α2-3)Gal(β1-4)Glc(β-Sp0
Fraction Bound
0.15
0.10
0.05
0.00
SNA
DSL
DBL
PHA
CSA(EY Lab)
CSA(EY Lab)
UEA1
MAL
GNL
PNA
PHA-E(Lab)
WGA (unpur)
TL(EY Lab)
ME5(detected with a-HLD)
rNV-N
rNV-C
TJA-I
VVH-A
BPL
SBA
LEL
Mouse Galectin-1
Epa1-Np mutant E22A
Epa1-Np mutant Y22A
Epa1-Np mutant Y22A205
CGA
Thaumatin
AVA
PhoSL(Lab)
IPS-B-1(Lab)
AIA
PTL
BFL
CA19-9 Ab (DKFZ)
UEA1
Human Galectin-3
HA70 complex(Influ
HML-native
OAA
OCL
#14 Sialyl Lewis X (Cabpo)
PHA-E
Bauhinia
VVL
WFL
Epa1-Np
GSL-2
CA19-9 Ab
Mouse NKR-P1C
#15 Sialyl Lewis X (FD)
Sp Serotype 14
Sp Serotype 23F
PHA-E
FSL
FSC
UDA
Epa1-Np mutant E22A
SBA
Epa1-Np mutant Y22A
SBA
SBL
#8 Lewis B (T218) (Abcam)
GS-II (EY Lab)
SJL
AOL (Mahal Lab)
WGA(Seikagaku Lab)
TcBPA
TJL
TTL
RCA
SJA
LEL
DC-ASGPR_s-1(Lab)
LSL
Microvirin
CRA
CA19-9-Ab
CA19-9-Ab
hGal-1-488
PHA-L
CA19-9-Ab
MGL 418
GNA
AAL
SSBA
GSL-1
Mono1-HIL
CMIBL
RCAI (PHAT)
CMIBL
ACL
Native HPA
HHA(EY Lab)
HHA(EY Lab)
GNA(EY Lab)
MGL-6B
PNA
PHAL
Mono2-CNL
Mono2-CNL
MGL-6A
WFL
MGL-M
WT-ABA
Gal-3C
ME7(detected with a-HLD)
VLRB.aGP23
WGA
MOA
VVL
LEL
Galectin-1
BP-1
human Galectin-3
WT Galectin-8
SSLL-488
BTL native
mouse MAL1
MAA(Seikagaku)

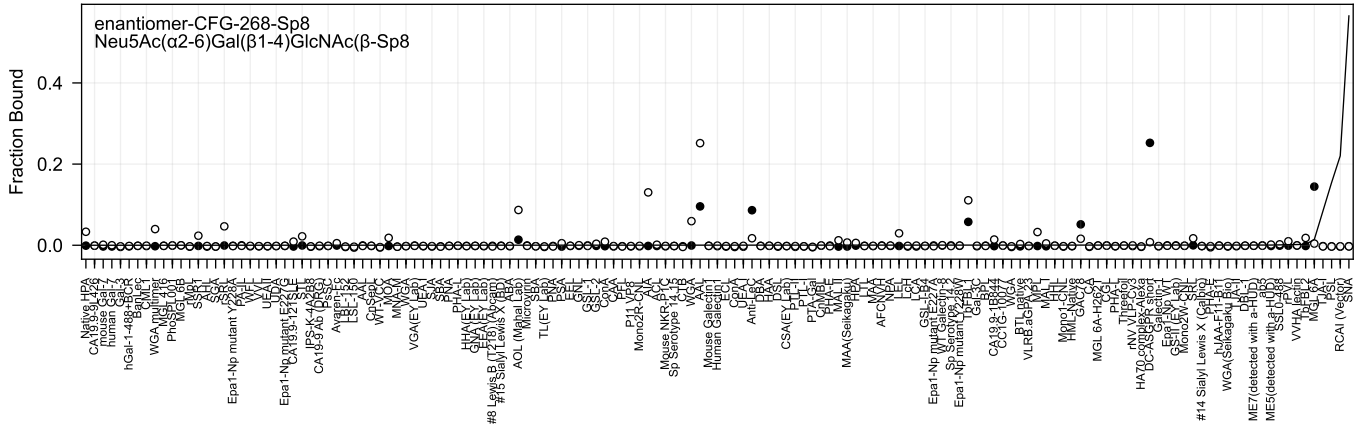

enantiomer-CFG-261-Sp8
Neu5Ac(α2-3)Gal(β1-4)Glc(β-Sp8
Fraction Bound
0.20
0.15
0.10
0.05
0.00
SNA
SEA
WAE
MGL-6A
#8 Lewis B (T218) (Acarm)
RCA(Vector)
AFGN01
nNV VLP-S23
LEL-182
TL-1-182
TSL-1-182
UEAI
GSL-I-B4
Naive HPA
LWA
IAI
CC1G-N077
MOR03
PNA
HA70 complex-A/Sh
SBA
SJA
VVHA
Gal-3
IPS-K-A288
CSA(EY MGA)
#14 Sialyl Lewis X (Calbio)
UEA
Con
Mouse Galectin-1
Epa1-Np
CTB
Thrombin
PhoSDN01
CIAA
CSA(EY)
GSII-1
ABA
FitC
Galectin-4
CA19.9-BT244
TTL
Ann Lec
Ann Lec
Mono2W-ONT
Mouse NKR-P1
Epa1-Np mutant Y228V
CA19.9-3-7-126
WGA(Seikagaku Bio)
Epa1-Np mutant E225Q
GPL-1
EEA(EY Lab)
TM-Native
GS-II (EY Lab)
Sp Serotype 1
Sp Serotype 4
Sp Serotype 5
HAA
MAA
Human Galectin-1
VVL
Epa1-Np mutant Y228A
PAS
NPA
Epa1-Np mutant Y228W
Avarol-1-5
Sp Serotype 14
MAA
VGA(EY Lab)
MGL-6A-B2R2
WT-VCC
WGA
VVL
Microvillin
GNA (EY Lab)
GNA (EY Lab)
Mono1-ONT
CA19.9-121SLE
hMAA-F11-B11
CA19.9 Ab (DRST)
GSL-I-A4
TAA
hGal-1-489-PBC-5
MAA(Seikagaku)
Mono2R-PNT
MPT
MPT
PAA
Tb-PBA
SBL
PTA-Gal
MNA-M
OBA
P11-PBP2
Tb-PBP2
FSA
#15 Sialyl Lewis X (BD)
ME5(detected with PHOS)
AOL (Mahal Lab)
ME7(detected with PHOS)
WGA multimer
SSL-I-488
WT-GLEC Lab
Mouse Gal-7
DC-ASGPR-sive
BTL-sive
MGL 6A

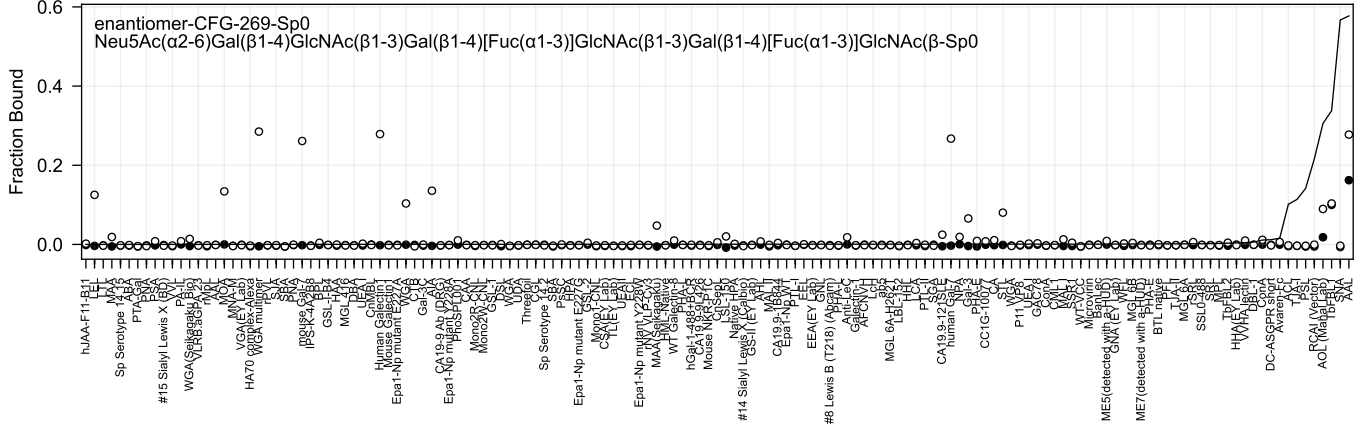

enantiomer-CFG-263-Sp8
Neu5Ac(α2-6)GalNAc(α-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
hAA-EY-B11
GSA (EY Lab)
ABA
AOL (Mabtag)
TpSR-K-X-B8
CA19-9-12-G4
Tumor-Lectin
Gal-3
HA70 complex
Epa1*Np mutant E399K8
Epa1-Np mutant E-B1-1
Epa1-Np mutant T6FB-1
SSA
Native-PPA
WFL
TJA-I
SBA
SNA
HHA(EY Lab)
Epa1*Np WT
CGB
Galectin-1
SBL
Sp Serotype 14
PhoSL-Cl1
Epa1-Np mutant Y226W
hGal-1-488-BDR
HMLectin-V6
ME7(detected with a-HUD)
ME5(detected with a-HUD)
WT-VCC
TBT-1
MNA-M
Epa1*-Np mutant Y226A
UEA-I
PTA
PTL-II
SSA
PTL-I
GSL-I-B4
CSA(EY Lab)
CaMBL
GalNAc
PPA
HPA
Threonin
CGA
DBA
Mono2R-CBL
DSL
EEL
PTL-III
GNL
LCA
LEL
PHA-E
MAL-I
MAA(Sekanekku)
AAL
UEA-I
AAL
PSL-I
TEL
MAL
MAL-II
Human Galectin1
Mouse Galectin1
KIA
Mouse NKR-P1C
Mouse NKR-P1C
CA19-9 Ab (WGA)
VVHA (Iscum)
PSA
PSA
VLRB.aGP.23
LSL-180
UEAII
Sp Serotype 14
CA19.9-G4
CA19.9-G4
#14 Sialyl Lewis X (BB22)
CA19.9-G4
Mono1-CAA
Microcoryn
EEA (EY Lab)
#15 Sialyl Lewis X (BD)
Bouley
GSL-I-B
P11
VP-8
#8 Lewis B (T218)(Abcam)
BT-VCC
GNA (EY Lab)
ACL
VGA
WT Galectin
CCL-1
SSL-1
PsSL
Avarol
PVF
INV VLP-B3
WGA(SigmaAldrich)
Mono2W-CNL
WGA mutant
MGL BA-1262T
RCA(Vector)
MGL
MGL-B
VGA(EY Lab)
PSA-1
DC-ASGPR-1
MGL 6A

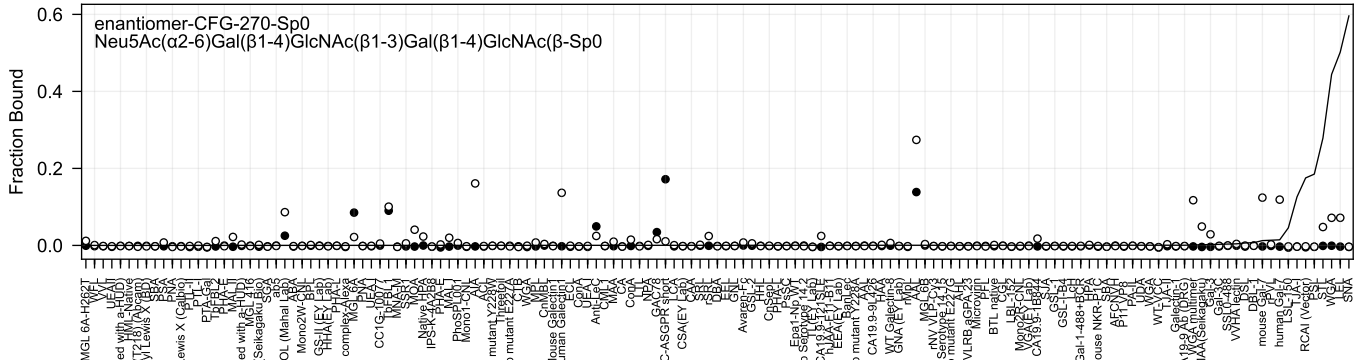

enantiomer-CFG-264-Sp0
Neu5Ac(α2-6)GalNAc(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
hJAA-F11
ABA
AOL
Maltriose
CA19.9-Lac
CA19.9-Le
CA19.9-Le-Le
mouse Sal-7
human Sal-7
CGG
Avarol-Fc
Cnx
BPE
HA70 mutant
WT Leaf-lectin
CAL-1
TD1
MIR
SRL
SJA
Nativ
PNA
PSA
Sp Serotype 14-F5
DBL-1
VAL
GSII (EY Lab)
GNA (EY Lab)
BTL
#14 Sialyl Lewis x (Calbiot)
#8 Lewis B (Calbiot)
HML-Neuac
CNA
VLEC
SSLC-488
ME7(detected with a-Ab)
LEL
TBL-152
ME5(detected with a-Ab)
WT-XCC
MVA-M
VGA(EY Lab)
SJA
SBA
PHA-L
HHA(EY Lab)
LSL (EY Lab)
DJA
PNA
OAA
Epa1-Np
CBA
GSL-I
CSA(EY Lab)
CrmB
HPA
AIA
Epa1-Np mutant Y228A
P11 V258A
EEL
BAA
NPL
Anti-MeC
UEA-I
ECA
ECL
PNA
Human Galectin1
MAL-I
Mouse Galectin1
PSL
MAL-II
MAA(Seikagaku)
MAA
PTA-Ga
LEL
Sp Serotype 7-F
Microtiter
Epa1-Np mutant E227A
PHL-I
Epa1-Np mutant Y228V
hGal-1-489-HAA
Epa1-Np mutant E227A
TAL
TLEY (Pierce)
Threobol
Galectin3
CA19-9 Ab (DEL)
Mono1(CSN)
CA19.9-9-Lac
Banlec
UEA-II
PFA
PFL-F
DSL
Mono2(CSN)
Mono2V(CSN)
MGL 6A-Ab
PSA
AAL
CCL(G-100)
VVHA lectin
VSL
WGA
MGA-406
RCA(EY Lab)
Mouse NKR-P1B
DC-ASGPR short
MGSA
WGA multimer
WGA
WGA(Seikagaku Bio)

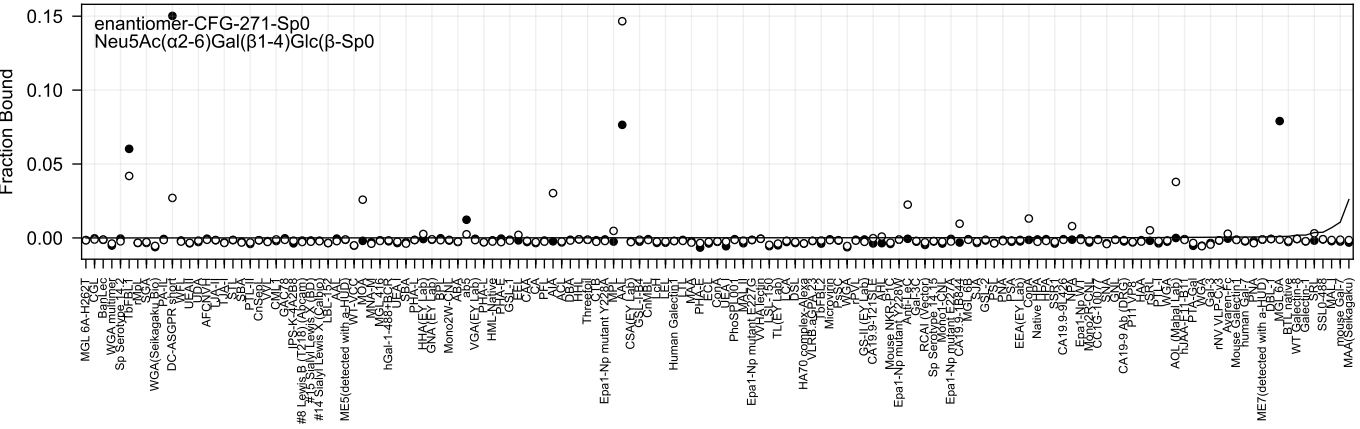

enantiomer-CFG-267-Sp8
Neu5Ac(α2-6)Gal(β1-4)GlcNAc6OS(β-Sp8
Fraction Bound
0.0
0.2
0.4
0.6
PNA
MGL-1B
#8 Lewis B (T218) (Abcam)
TD84
#15 Sialyl Lewis X (BIO)
#14 Sialyl Lewis X (Biolegend)
WGA(Seikagaku)
HML-Native
TcB
TcB-1
MGL-1X
DC-ASGPR (Lab)
SNA
SBA
PTL-II
HA70 complex-Alexa
WGA multimer
WT-VCC
UEA
SBA
ME5(detected with a-HUD)
GS-II(EY Lab)
BPL
LSL
ABA
AOL (Mahal Lab)
PSA
LBL
ME7(detected with a-HUD)
CA19-9 (Abcam)
NN-VLP-Cy3
human Gal-1
Gal-3
PTL-I
PTL
MNA-M
SNA
Mouse Galectin-1
CenMel
WT Galectin-3
F3C
P11
PhoSP-1001
NA
ACL
Toxoplasmin
CTB
WGA
MPL
Epa1-Np mutant X-228A
Mouse NKR-P1C
GSL-I
UEA-I
MAL-I
Galectin-1
CnSpl
Anti-Leg
MAA
MAL
Avapant-F
PHA-E
TEL
GSL-I-B4
PHA-L
GSA-2
Sp Serotype 12 F
Sp Serotype 12 A
Epa1-Np mutant F227A
Sp Serotype 14
VLRB agn 23
EEL
MOA
PHA-E
PAL
GNA (EY Lab)
hJAA-F (Gal-8)
CA19.9 Ab (Abcam)
MGL 6A (R&D)
PTA
CA19.9-4.23B
APL
CCL(G-10077)
Epa1-Np WT
HPA(EY Lab)
Mono1-CSL
rPS-4-4
HPA
VGA(EY Lab)
MAA(Seikagaku)
CSA(EY Lab)
hGal-1-488-EGFR
CorA
Native CRA
Mono2-CRA
BTL native
CorA
WGA
Mono2WGA
Epa1-Np mutant F227A
VVH-Alexa
DBA
Epa1-Np mutant Galectin1
Human Galectin1
SSLL-488
PSL
RCA(VECTOR)
CA19.9-FITC
SNA

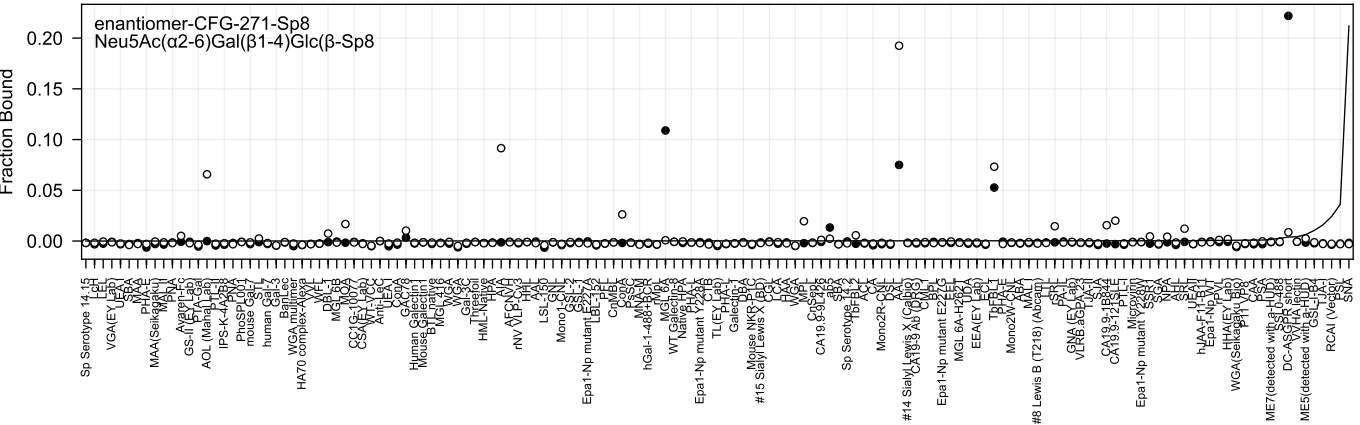

enantiomer-CFG-268-Sp0
Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
MGL 6A-H2837
BNA
PHA-L
HHA(EY Lab)
GNA(EY Lab)
GS-II (EY Lab)
CA19.9-4425
human Gal-1
human Gal-7
SBA
PNA
HA70 complex pDB4
CC1G-10077
SJA
Native UEA
WGA(Seikagaku)
PA-IIIf
WVF
WGA multimer
STA
VGA(EY Lab)
Epa1-Np WT
Epa1-Np mutant E227G
Epa1-Np mutant E227A
Epa1-Np mutant S226A
Pro-Gal-3
CML-1
WT Galectin-3
DC-ASGPR sDC1
BTL native
#14 Sialyl Lewis X (CBD)
#15 Sialyl Lewis X (TBD)
#8 Lewis B (TBD)
ME7(detected with anti-CNT01)
AAL
WFA
MGL 4A
hJAA-F11-B37
LCA
Mouse Galectin-1
P11
YPB
GSL-IB4
PHA-E
PHA-P
DSL
GSL-I
GSL-2
CAA
Thrombin
PNA
MAL I
MAL II
AIA
UEA
UDA
CoPA
PTL-I
PTA-Gal
PTA-T
PTA-F
PTA-I
Human Galectin-1
CA19.9 (Lab)
Microvirin
Tbx
BPA
WGA
Sp Serotype 14-415
AmyD
Mpt
CA19.9-1215
ISLET
SP2
Sp Serotype 6B
PTL-II
Sp Serotype 23F
IPS-K-A2B8
Rat-Lec
AOL (Matlab Lab)
Epa1-Np mutant NKF2KV
hGal-1-488-BCS
EEL
MGL 6A
GSL-IA
ACL
CGL
EEA(EY Lab)
GNA
BOA
CSA
LSL
VLRB.aGPA
MAA(Seikagaku)
VAA
TL(EY Lab)
Mono2W-ONT
Mono2B-ONT
LBA
PaSC
Mono1-ONT
Calec-ONT
UEA
CA19.9-tB244
SJA
SAL
TJA-I
TJA-II
rNV VLP
VGA
CTB
Agaricus
SSA-F188
VVHA (EY Lab)
ME5(detected with anti-CNT01)
HJA
RCAI (Vector)
SNA

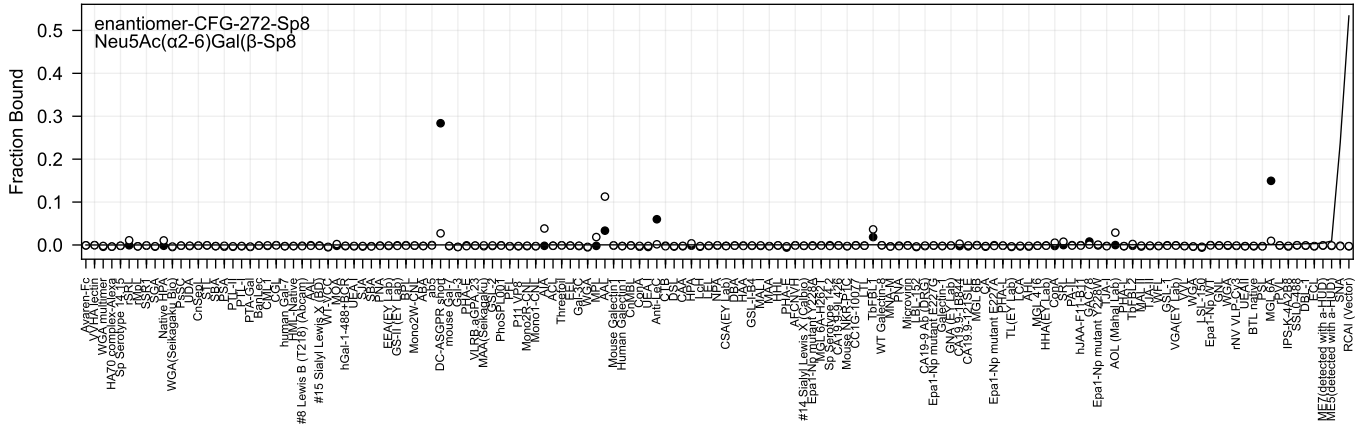

enantiomer-CFG-268-Sp8
Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β-Sp8
Fraction Bound
0.0
0.2
0.4
Native HPA
CA19.9 1.26
mouse Gal-7
human Gal-7
Gal-3
hGal-1-488
PCA
CML-1
WGA (Lab)
MGL 4.78
PhoSL 0.61
MGL 0.61
SNA
SSA
Epa1-Np mutant Y228A
RCA
PNA
VVL
UEA
Epa1-Np mutant L212V
Epa1-Np mutant L212V
CAA
SSL-1
SSL-2
CA19.9-488
CA19.9 AD-488
PsSL
Ara-1
LSL-1.50
LSL-1
GNSA
WT-MOA
MOA
MNA-M
VGA(EY Lab)
UEA
SBA
BPA
PHA-L
HHA(EY Lab)
GSL-4 (EY Lab)
PEA (EY Lab)
#8 Lewis B
#15 Sial(VT Lab)
ABA
AOL (Mabtal)
AOL (Microzyme)
SBA
TL(EY Lab)
PNA
ESA
ESL
SNT
GSL-2
CGA
PSA
PEF
P11 V-CNL
Monoz2R-CNL
AAA
Mouse NKR-P1C
Sp Serotype 14-1.6
VGA
Mouse Galectin-1
Human Galectin-1
GRA
GRP
AmPEC
PNA
DBA
DSL
CSA(EY Lab)
PTL
PTL-I
PTL-II
CNA
MAA-T
MAA(Seikagaku)
HPA
AFG
NAA
NEA
LEA
LCA
GSL-I-B4
Epa1-Np mutant E227A
Sp Galectin-3
Epa1-Np mutant Y228A
TJA-I
GALA
CA19.9-1-488
CCIG-10647
VLRB.aGP.23
BTL
WGA
MPL
MCL
Mono1-CNL
HML-Naive
GAL-8
MGL 6A-H2627
PHA-E
PHA-L
Thiocyl
rNV Thiocyl
HA70 complex Alexa
DC-ASGPR-Alexa
Galectin-1
Epa1-Np WT
Mono2W-CNL
#14 Sialyl Lewis X (Gram)
PHA-E
PHA-L
hJAA-F (Bio-1)
WGA(Seikagaku Bio-1)
DBA
ME7(detected with a-HUD)
ME5(detected with a-HUD)
SSL2-488
VVHA (Lab)
MNA-M
PNA
RCAI (Vector)
SNA

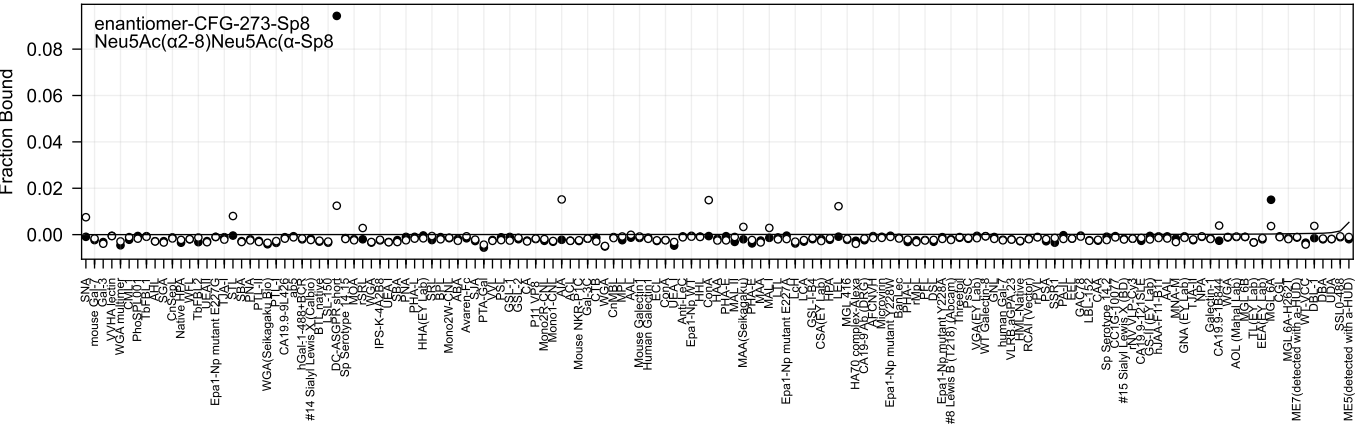

enantiomer-CFG-269-Sp0
Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-3)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β-Sp0
Fraction Bound
0.0
0.2
0.4
0.6
hJAA-F11-B11
EEL
MOR
Sp Serotype 14-18
ABA
PTA
bNAnA
PNA
#15 Sialyl Lewis X (RO)
PVL
WGA(Seikagaku Bio)
VLRB aggr
ACL
MAL
MAA-M
VGA(EY Labs)
HA70 optimized
WGA multimer
TJA-I
SNA
SBA
mouse Galectin-7
iPS-K-4-BBB
GSL-I B4
MGL-416
LCA
ConBr
DBA
Human Galectin-1
Mouse Galectin-1
Epa1-Np mutant E227A
CTB
Gal-A
PAK
CA19.9 Ab (PRSG)
Epa1-Np mutant E227G
HPA
Mono2R-CNL
Mono2N-CNL
GSII-B4
WGA
Threo(pl)
CFL
Sp Serotype 7
SBA
PNA
FBP
Epa1-Np mutant E227G
Mono1-CNL
CSA(EY Labs)
UEA-I
Epa1-Np mutant Y258W
MAN(Seikagaku)
MAL(Seikagaku)
WT Galectin-3
hGal-1-484-BCS
Mouse NKR-P1C
Lsl-Sepl
Native HPA
#14 Sialyl Lewis X (EY Labs)
GSL-I (EY Labs)
ACL
MOR
CA19.9-1B244
Epa1-Np WT
EEL
EEA(EY Labs)
GNL
#8 Lewis B (T218) (Abcam)
Anti-Lec
Galectin-1
ACL
LCA
MGL 6A-H2821
LBL-I-B2
PTL-I
PTL-II
CA19.9-12-SLE
SCA
human NPA
PHA-E
PHA-L
CC1G-10007
SJA
SJL
P11
VSA
UEA-I
GOLL
CAL-1
CAL-2
WGA(Vector)
MOR(Vector)
Bauhinia
ME5(detected with B3-LD)
GNA (EY Labs)
WFA
ME7(detected with B3-LD)
MGL-6A
BTL-I-B2
BTL-I-B4
DBL
TKA
MGL-6A
SSL-I
SSA
SBB
SBA
TIP-BL2
TIP-BL1
HPA(EY Labs)
VVA
DBL-I
DC-ASGPR Sinoh
Avaren-EC
TJA-I
TJA-II
RCA(Vector)
AOL (Malaz Lab)
SNA
AAL

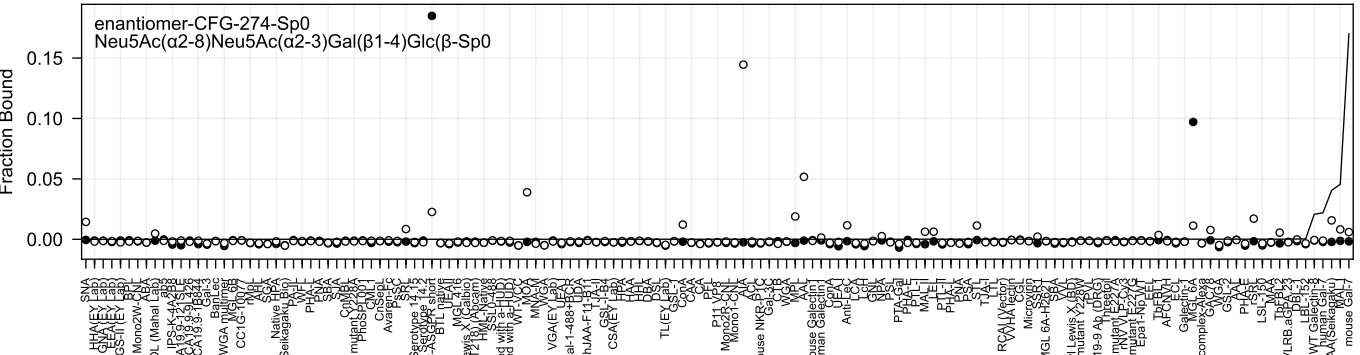

enantiomer-CFG-270-Sp0
Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.6
0.4
0.2
0.0
MGL 6A-H(2B6)
ME7(detected with a-HUD)
#8 Lewis B (T21)
#15 Sialyl Lewis X (1B2)
#14 Sialyl Lewis X (CptH-1)
ME5(detected with a-HUD)
WGA(Seikagaku, Bio)
AOL (Mahal, Lab)
Mono2W
GSII (EY Lab)
HA (EY Lab)
HA70 complex-Alexa
CC1G
Epa1-Np mutant Y226W
Epa1-Np mutant E227A
Mouse Galectin1
Human Galectin1
DC-ASGPR stock
CSA(EY Lab)
Epa1-Np mutant Y226A
CA19.9-9-426
WT Galectin-8
GNA (EY Lab)
Sp Saccharo 1.4.2
CA19.9-1-426
Epa1-Np mutant Y226F
Epa1-Np mutant Y226H
VLRB.aGFP.23
BTL
Mouse NKR-P1C
CA19.9-1-426
hGal-1-488+BPA
Mouse NKR-P1C
WT Vcg
WT TJA-I
CA19.9 AB (TDRG)
MAA(Sambucus)
VVHA
mouse Galectin-7
human Galectin-7
LSL TJA-I
RCAI (Vector)
SNA

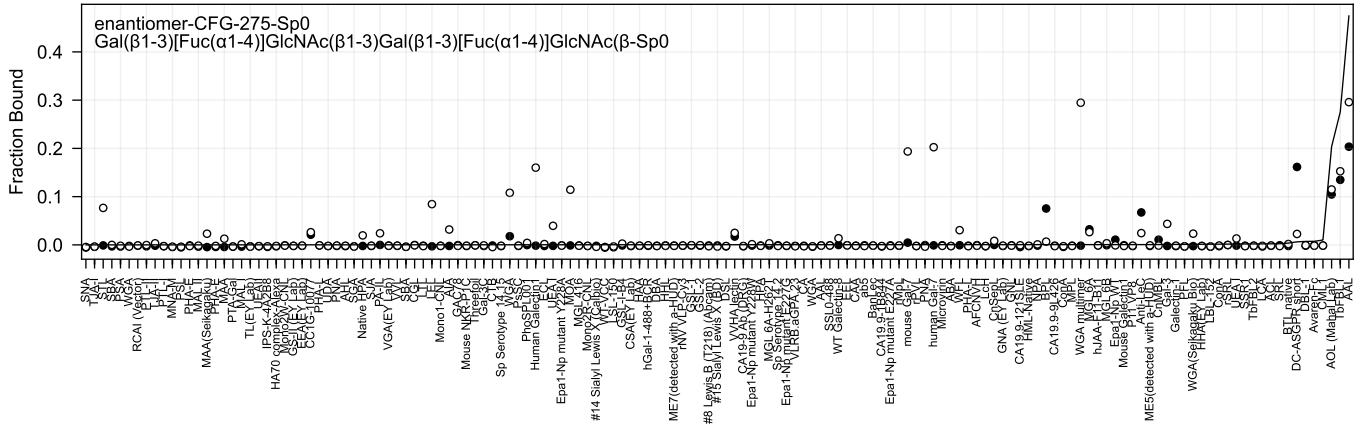

enantiomer-CFG-271-Sp0
Neu5Ac(α2-6)Gal(β1-4)Glc(β-Sp0
Fraction Bound
0.15
0.10
0.05
0.00
MGL 6A-H2637
CGL
Bam Lec
WGA (Triticum
Sp Serotype 14
Tb-RBL
SGA
WGA(Seikagaku)
PNA
DC-ASGPR sol
UEA I
AFO
L/A-1
SJA
SBA
P-PAL
OnSgp
CML1
GAL8
#8 Lewis B (T218) (Arpam)
#14 Sialyl Lewis X (LBD)
LBL-152
ME5(detected with a-LBD)
WT-VOX
MNA-M
hGal-1-488-BCR
UEA
P-PAL
HNA(EY Lab)
GNA(EY Lab)
BPL
Mono2W-XBA
abs
VGA(EY Lab)
PHA-L
HMB
PHA-E
GSL-I
CEA
PCA
AAA
DSA
PTL
Thr-STB
Epa1-Np mutant Y228A
AAL
CSA(EY Lab)
GSL-I-B4
CnMBL
LEL
Human Galectin1
MAA
PA-IIL
ECL
CGA
PhoSL
Epa1-Np mutant E227Q
VVA(EY Lab)
TL(EY Lab)
DSL
HA70 complex Ala88
VERA-32
DFBEL2
Microvirin
WGA
VOX
GS-II(EY Lab)
CA19.9-121 SLE
Mouse NKR-P1C
Epa1-Np mutant Arg228Ala
Gal-3C
RCA I
Sp Serotype 14/19
Monoclonal
Epa1-Np mutant E227Q
CA19.9-TBS44
MGL 6B
GSL-I
PNA
EEA(EY Lab)
CoPA
Native HPA
CA19.9-SSR
Epa2-Np-ON
MGL 6A
CC19-1mAb
SNA
CA19-9 Ab (IDS)
HAA
PSL
WGA
AOL (Mabtag)
RJAX-1-B11
PTA
Gal-3
rNV VL Gal-3
Avaren-1-c
Mouse Galectin-1
human SNA
ME7(detected with a-LBD)
MGL 6A
BTL
WT Galectin-8
Galectin-1
SSL-1
mouse Gal-7
MAA(Seikagaku)

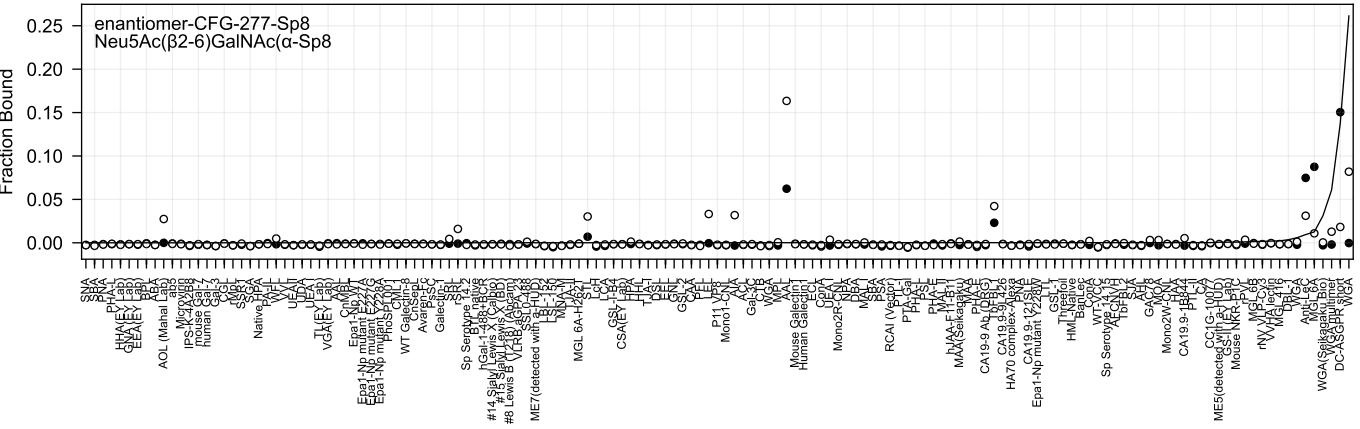

enantiomer-CFG-271-Sp8
Neu5Ac(α2-6)Gal(β1-4)Glc(β-Sp8
Fraction Bound
0.00
0.05
0.10
0.15
0.20
Sp Serotype 14.15
LEL
UEA1
VGA(EY Lab)
SNA
PHA-E
MAA(Seikagaku)
PNA
Avaro(EY Lab)
GS-II (EY Lab)
AOL (Mahal)
IPS-K-4
PNA
PhoSL
mouse Ig01
STL
human Gal-3
Barr.lec
WGA complex-Alexa
HA70
WFL
RPL-1
MOA
CSA(Gu1007)
CSA(Gu1007)
WFL-YCC
Ariel
UEA1
GNA
GSL-I
Human Galectin1
Mouse Galectin1
MGL-216
MGL-218
WSA
Gal-3C
Gal-3C
TJA-II
HML(Mahal)
HPA
ACA
rNV VLP
rNV VLP
HHL
LSL
ASL
GNL
Mono2SSL
GSL-I
Epa1-Np mutant
LBT-152
LBT-152
ConA
CorA
MKL-1
CorA
hGal-1-488
PCL
WT Galectin-1
Galectin-1
Galectin-1
Epa1-Np mutant Y226W
PTA
Epa1-Np mutant Y226W
TL(EY Lab)
Galectin-3
Mouse NKR-P1C
#15 Sialyl Lewis X (Ep)
TCA
VVA
MPL
CA19.9-3125
CA19.9-3125
SBA
Sp Serotype 1.2
TBA
ACL
Mono2R
CSL
#14 Sialyl Lewis X (Ca)
CA19.9 Ab (DRG)
CA19.9
Epa1-Np mutant E22EG
MGL 6A-H221
EEA(EY Lab)
UDA
TxBCL
PCL
TxBCL
Mono2W
ABA
MAL1
#8 Lewis B (T218) (Adcam)
FSL
FSL
GNA (EY Lab)
VERA aGC
VAA
CA19.9-1183
SSA
CA19.9-1183
PHL-1
Epa1-Np mutant Y226W
MoFL
SSA
NPA
SSL
SBL
hAA-F-1
UEA1
Epa1-Np WT
HHA(EY Lab)
WGA(Seikagaku)
PAT
CAA
PAT
ME7(detected with anti-LUD)
DC-ASGPR
SSL-188
VVA(Ha lectin)
ME5(detected with anti-LUD)
BSL-1
JAC
RCAI (Vector)
SNA

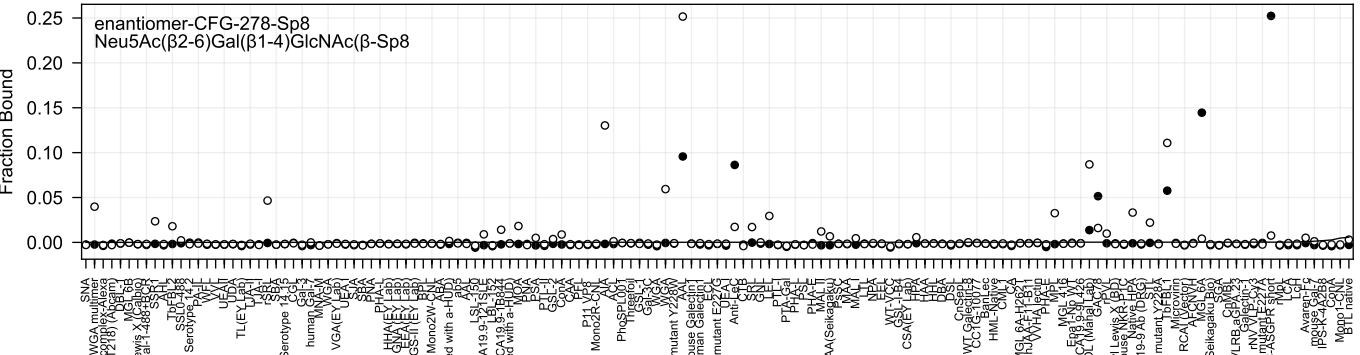

enantiomer-CFG-272-Sp8
Neu5Ac(α2-6)Gal(β-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
Avaren-Fic
VCHA Lectin
WGA mutimer
HA70 mutimer
Sp Serotype 14-18
PNA
SSA
SBA
Native ERA
WGA(Seikagaku Lab)
UDA
Chsepi
SBA
SBA
PTL-I
PTL-I
PTA-Gal
Bauhlec
OCL
human Gal-7
human Gal-3
#8 Lewis B (T218) (Abcam)
#15 Sialyl Lewis X (Ab)
WT-VCA
hGal-1-488-1
BCR
UEA-I
SBA
SBA
EEA(EY Lab)
GS-II (EY Lab)
Mono2W-CNL
ABA
DC-ASGPR sol
mouse Gal-3
VLRB a GFP
MAA(Seikagaku)
PhoSPSD-1
PPL
P11
Mono2R-CNL
Mono1-CNL
ACL
Threelec
Galectin-1
Gal-3C
MPL
Mouse Galectin-1
Human Galectin-1
CGL
OEA-I
Anti-CTB
CTB
CCL
HPA
LEL
NPA
PSA
PSA
GSL-I-B4
MAL
MAL-I
PHA-L
PHA-E
AFCHOVA
#14-Sialyl Lewis X (Calbiochem)
Epa1-Np mutant H2829
Mouse Galectin-2
Sp Serotype 12
Sp Serotype 12
Mouse NKR-P1C
CC1G-10017
Tor-B-1
WT Galectin-1
MNA-N
Microlectin
CA19-9 ALT
Epa1-Np mutant E2276
Galectin-7
GNA(Sigma)
CA19-9 (BBI)
CA19-9 (ZeSTE)
Epa1-Np mutant E2276
BTA-A
TL(EY Lab)
ATL
MGL-1
HHA(EY Lab)
CGB
PAL
hJAA-F1
Epa1-Np mutant Y2284
AOL (Mahal Lab)
THBS-1
THBS-2
MAL-II
WFL
VGA(EY Lab)
GSL-I
VVL
VVA
LSL
Epa1-Np WT
VGA
VGA
rNV VLP-E2
BTL native
MGL-2
PGA
IPS-K-488
SSL7-488
Dal-1
ME7(detected with a-HUD)
ME5(detected with a-SNA)
RCAI (Vector)

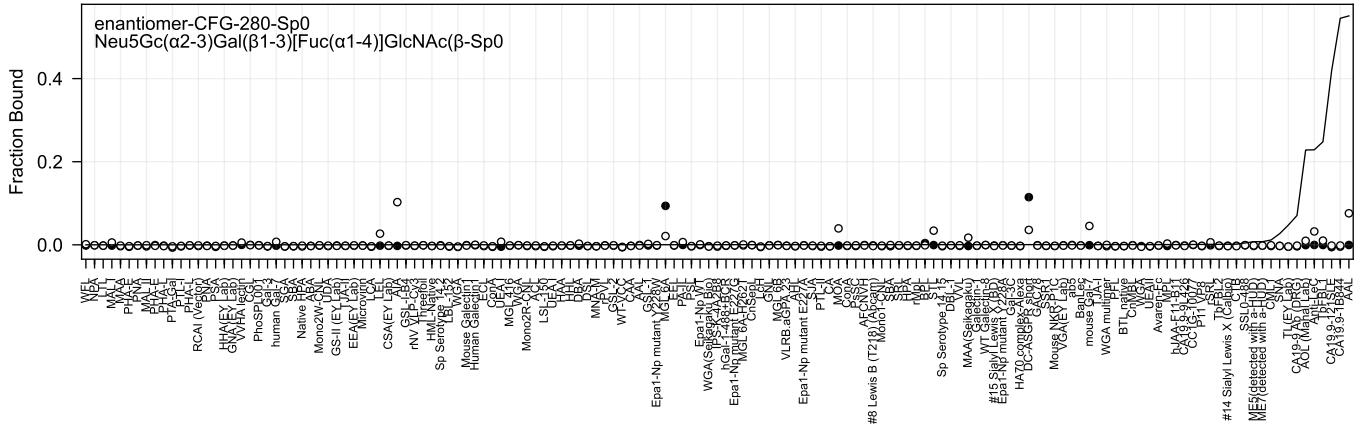

enantiomer-CFG-273-Sp8
Neu5Ac(α2-8)Neu5Ac(α-Sp8
Fraction Bound
0.08
0.06
0.04
0.02
0.00

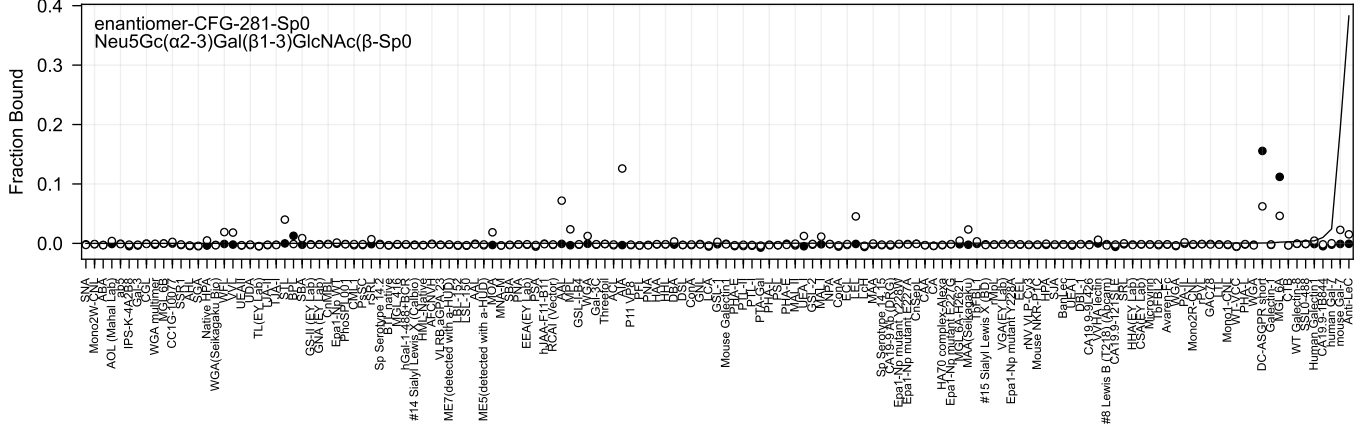

enantiomer-CFG-274-Sp0
Neu5Ac(α2-8)Neu5Ac(α2-3)Gal(β1-4)Glc(β-Sp0
Fraction Bound
0.15
0.10
0.05
0.00
SNA
SNA (Lab)
SNA-I (Lab)
GS-II (Lab)
Mono2W_BNL
ABA
AOL (Mahal_lab)
ABA
PNA
CAA (Lab)
ITGA5-L4-CBB
CA19-9-Lab
CA19-9-Lab
Galectin-3
WGA (Lab)
Man-Lec
Man-Glc
CC1G-Tox77
Man-Glc
ABL1
ABL1
Native_EPA
EPA
WGA(Seikagaku_Bio)
KVF
PNA
PNA
SBA
SBA
Con-A
Epa1-Np mutant Y-228A
PHA-E
PHA-E
CD4-L
CD4-L
Avidin
Avidin
PSA
PSA
Sp Serotype 1 ATS
Sp Serotype 14 ATS
DC-SIGNR shs 4-2
BTL (native)
MGL 7-10
#14 Sialyl Lewis X (Calbio)
#8 Lewis B (TF-Lab)
HMC-Native
MEZ(detected with α-Hu)
ME5(detected with α-Hu)
SS1-H-08
SS1-H-08
WT-Gal-1
MOX
MOX
MNA
MNA
VGA(EY_Lab)
VGA
hGal-1-488-BCH
hGal-1-488-BCH
hJAA-F11
hJAA-F11
CSA(EY_Lab)
CSA
CSA(EY_Lab)
CSA
EPA
EPA
HPA
HPA
DBA
DBA
TL(EY_Lab)
TL
Gal-1
Gal-1
CAA
CAA
PTA
PTA
P11
P11
Mono2R-CNL
Mono1-CNL
Mouse NK8
Mouse NK8
Gal-1-TB
Gal-1-TB
WGA
WGA
AAL
AAL
Mouse Galectin-1
Human Galectin-1
UDA
UDA
Ant-Lec
Ant-Lec
LCA
LCA
GNA
GNA
PSL
PSL
PTA-Gal
PTA-Gal
PTL-I
PTL-I
MAL-I
MAL-I
PTL-II
PTL-II
PNA
PNA
ISA
ISA
TJA-I
TJA-I
RCA(Vector)
VVHA(Lab)
VVHA(Lab)
Microvigin
MGL 6A-PE
MGL 6A-PE
SEA
SEA
#15 Sialyl Lewis X (Lab)
Epa1-Np mutant Y-228V
CA19-9 Ab (DRG)
Epa1-Np mutant E227A
Epa1-Np mutant E227A
Epa1-Np mutant E227A
Epa1-Np mutant N-XVA
TBFB-1
TBFB-1
APCNOT1
APCNOT1
Galectin-1
Galectin-1
MGL 6A
HA70 complex
GAC-8
GAC-8
GSL-2
GSL-2
PTA
PTA
ACE
ACE
LSL
LSL
MAA
MAA
VLRB.a
VLRB.a
TBFB-12
TBFB-12
DBL-2
DBL-2
LEL-1-32
LEL-1-32
WT Galectin-7
WT Galectin-7
human Gal-7
human Gal-7
MAA(Seikagaku)
MAA(NU)
mouse Gal-7

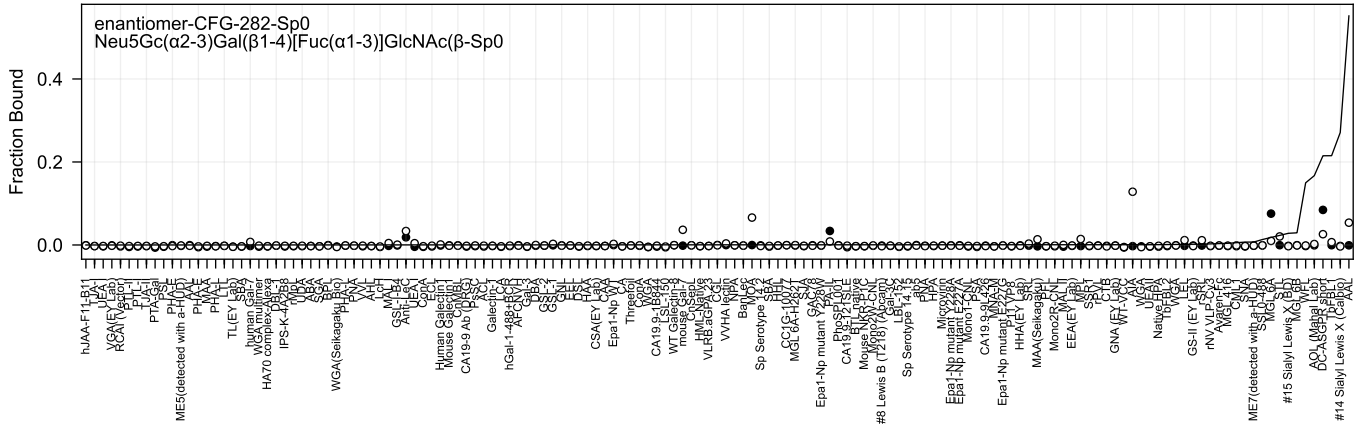

enantiomer-CFG-275-Sp0
Gal(β1-3)[Fuc(α1-4)]GlcNAc(β1-3)Gal(β1-3)[Fuc(α1-4)]GlcNAc(β-Sp0
Fraction Bound
0.0
0.1
0.2
0.3
0.4
SNA
TJA-I
SSL
STL
PSA
WGA
RCAI (Vac)
PNA
ECL-II
BPL-II
BPL-I
MNA-M
MAL-I
PHA-E
MAA(Sei)
MAL-II
PHA-L
PTA-Gal
PTA-GalNAc
TL(EY Lab)
TL(Vac)
LEL
IPS-49
HA70 complex
Man
Man(EY Lab)
CNL
CEA(EY Lab)
CCL19
PHA-P
UDA
ACA
ANL
Native SSA
SJA
VGA(EY Lab)
VVL
SNL
CGL
LEA
Mono1-CNL
GNA
GAC/GS
Mouse NK-SPG
Vicia
Gal3C8
Sp Serotype 14 T5
KSA
PhoSPL(bp)
Human Galectin-1
LEA
Epa1-Np mutant Y256A
MGL-A16
Mono-CNL
#14 Sialyl Lewis X (Calbiochem)
VSL-I(bp)
GSL-I-B4
CSA(EY Lab)
HPA
hGal-1-488-BGR
BGR
TIL
ME7(detected with pAb-Cy3)
NVJ
GSL-I
#8 Lewis B (T218) (Abcam)
#15 Sialyl Lewis X (BD)
VVHA Jacob
CA19.9-Sp0
Epa1-Np mutant Y256V
MGL 6A-HRP
Sp Serotype 14-2
Epa1-Np mutant E257A
VNL
WGA
AAL
SSLL-488
WT Galectin-1
EEL
GNL
CA19.9-Sp0
Epa1-Np mutant E257A
GAL7
mouse Gal-7
PNL
human Gal-9
Microvirus
AVF
PVF
ArCNV-H
GNA (EY Lab)
CoCoL
GNA (EY Lab)
SNL
CA19.9-12-Sp0
HML-Native
BPL
CA19.9-9-426
QPL
WGA (Vector)
hJAA-FITC-Sp0
Epa1-Np WT
Mouse Galectin-1
Anti-LeC
ME5(detected with pAb-Cy3)
Gal-3
Galectin-7
PFL
WGA(Sigma) (bp)
HPA(bp)
TBL-1
CGL
SGA
SEA(EY Lab)
TbPB-L2
ACA
SJA
SnL
BTL
DC-ASGPR
Sp10
DEL-1
Avarol
CXL-1
AOL (Marine Lab)
TF-Sp0
AAL

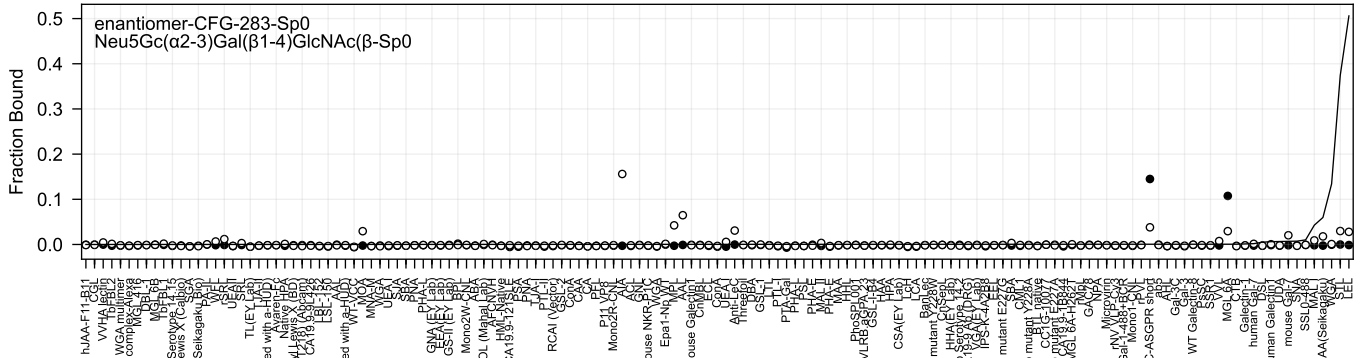

enantiomer-CFG-277-Sp8
Neu5Ac(β2-6)GalNAc(α-Sp8
Fraction Bound
0.25
0.20
0.15
0.10
0.05
0.00
SNA
SBA
PNA
PHA-L
HHA(EY Lab)
GNA(EY Lab)
BPL
AOL (Mahal Lab)
abs
Micrococcin P1
iPS-K4X268
mouse Gal-7
human Gal-7
Gal-3
Galectin-1
Mgl1
Mgl2
SSA
Native-PFA
WFL
VVL
UEA-I
UDA
LCA
TJA-I(EY Lab)
VGA(EY Lab)
CnuB
Epa1-Np mutant
Epa1-Np mutant E227G
Epa1-Np mutant E227A
Epa1-Np mutant P120A
WT-Sp8
WT Galectin-1
CML-1
OnSep
Avarol-SC
Galectin-7
SRL
SRL
Sp Serotype 14.2
#14 Sialyl Lewis X (LIBD)
hGal-1438-1BCR
#4 Sialyl Lewis X (LIBD)
#8 Lewis B (LIBD)
VEC8 (Abcam)
SSLC-148
ME7(detected with anti-HU-2)
LSL-150
MAA-II
MAL-I
MGL 6A-H2827
CIP
GSL-I-B4
CSA(EY Lab)
HPA
HPL
DSL
EEL
GSL-I
CAA
CGA
PA-IL
TEL
P11
Mono1-CRS
ACA
AIA
Galectin-3
VCTB
VCTB
MPL
Mouse Galectin1
Mouse Galectin3
Human Galectin1
CPA
UEA-I
Mono2RCA
NPA
NPA
MAH
SBA
SBA
RCAI (Vector)
PTA
PTA-G
PHA-E
PHA-L
PHA-P
hAAA-I
hAAA-II
MAA(Seikagaku)
PNA(EY Lab)
CA19.9 Ab (DBS)
CA19.9-9.126
HA70 complex-HA28
CA19.9-12.5B1
Epa1-Np mutant Y220V
GSL-I
TJA-II
HML-1 Native
Bauer
WT-VCP
Sp Serotype 14.2
TEL(EY Lab)
TBP-BLX
ACL
GNA
MOA
Mono2W-CNL
CA19.9-1B44
PTL-I
PTL-II
CC1G-10077
ME5(detected with anti-HU-2)
GSL-III (EY Lab)
Mouse NKR-P1C
MGL-68
nVVA
VVA
MGL-416
DSA
DVL
AOL-BX
WGA
WGA(Seikagaku, Bio)
DC-ASGPR-Jurkat
WGA

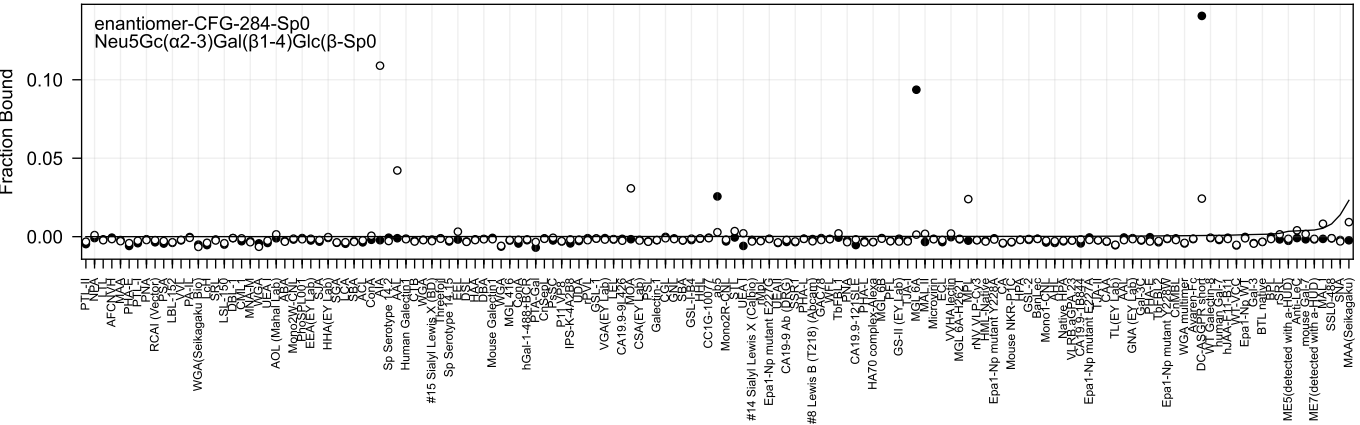

enantiomer-CFG-278-Sp8
Neu5Ac(β2-6)Gal(β1-4)GlcNAc(β-Sp8
Fraction Bound
0.25
0.20
0.15
0.10
0.05
0.00
SNA
WGA mutant
HA70 protein
Lectin Alexa
#8 Lewis B (T218)
Hpa1
#14 Sialyl Lewis X (Mab 108)
hGal-1-488 (BGS)
SNL
STA
STE-Ig8
Sp Serotype 12
SSA
TKH
LVT
UEA
UDA
TL(EY Lab)
VIA
VIA
SBA
Sp Serotype 14
Sp Serotype 14-3
Gal-3
Gal-1
WGA
WGA
VGA(EY Lab)
PEA
SJA
SNA
PNA
PHA(L)
PHA(E)
HHA(EY Lab)
GNA(EY Lab)
GS-II(EY Lab)
RCA
Mono2W-CNL
UBA
ABA
ASA
ME5(detected with a-HRP)
CA19-9-TSCE
CA19-9-HRP
ME7(detected with a-HRP)
BNA
BPA
PTA
GSL-I
COA
CGA
PFL
P11
Mono2R-CNL
AAA
PhoSPLDb1
Tissolect
Galectin
WGA
Epa1-Np mutant Y228A
Mouse Galectin1
Human Galectin1
Epa1-Np mutant E262A
Ant-Leg
SRA
GNL
PTL
PTL-I
PTA-Leg
BSL
MAL-II
MAA(Seikagaku)
MAA
MAL
NEA
WFA
WT-YCC
CSA(EY Lab)
HPA
HGA
HLA
DBA
CnSpp
WT-Galectin-9
CC-Galectin-9
HML-Banlec
CNX
MGL-6A-H2SA
HAA-1-B11
VVH-A-H2SA
MPL
MGL
Epa1-Np WT
CC-Galectin-9
AOL (Mab 1-426)
GA-C9
#15 Sialyl Lewis X (BD)
Mouse NKR-P1
CA19-9 Ab (DBG)
Epa1-Np mutant Y228A
TcBPLm1
MVN(Vector)
RCA(Vector)
ACA(NEB)
WGA(Seikagaku Biol)
CGL
CaMBL
VLRB.aGPA-2
rNV-VP8-K3
Epa1-Np mutant E262A
DC-SIGNR-E320A
NMPL
LCA
Avarum-7
mCGL
IPSRK-A256
Mono1-CNL
BTL native

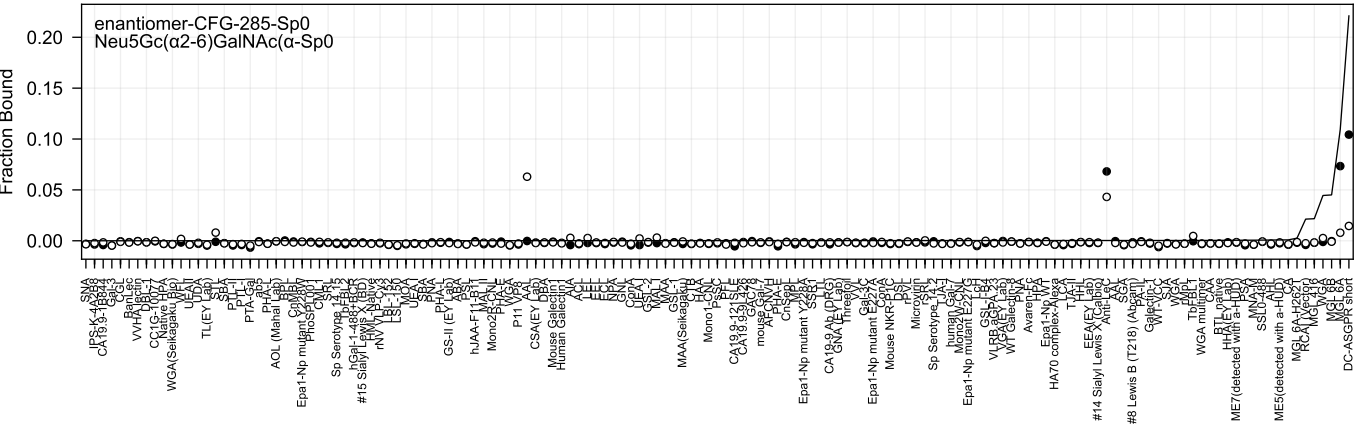

enantiomer-CFG-280-Sp0
Neu5Gc(α2-3)Gal(β1-3)[Fuc(α1-4)]GlcNAc(β-Sp0
Fraction Bound
0.0
0.2
0.4
NEA
NEA
MAL I
MAA
PNA
PHA-E
MAL II
PHA-L
PTA-Gal
PHA-L
RCAI (Vector)
PSA
HHA(EY Lab)
GNA(EY Lab)
VVHA (eqm)
PhoSL (pol)
human Gal-3
SSA
SSA
Native HPA
Mono2W-GNA
GS-II (EY Lab)
UDA
EEA(EY Lab)
Microvirin
UCA
CSA(EY Lab)
AIA
GSL-I-B4
rNV TP-Cx3
HM Neoglycoprotein
Sp Serotype_1-15
LBWGA
Mouse Galectin1
Human Galectin1
ECL
GRA
MGL 416
Mono2R-GNA
ACG
LSL
DEA
TIA
DBA
PSA
MNA-M
GSL-I-A4
WT-XCK
AAL
CGB
Epa1-Np mutant X228V
MGL 6A
PAL
PSL
Epa1-Np
WGA(Seleganto) Bio
hGal-7-Alexa488
Epa1-Np mutant E227G
MGL 6A-CrSepG
GRL
GRH
MGL 6B
VLRB.aGAL
Epa1-Np mutant E227A
PTL-I
MGA
CoA
AFCNH
#8 Lewis B (T21)(Apogee)
Monoclonal
SBA
TEL
TBL
MPL
STL
Sp Serotype_1-15
DSL
VVL
MAA(Seleganto)
WT Galectin-3
#15 Sialyl Lewis x (Apogee)
Epa1-Np mutant X228A
Galectin-3C
HA70 complex
DC-SIGNR-Fc
sialidase
SSA
Mouse NK-1 PTC
VGA(EY Lab)
aB9
Bap-49
mouse IgM
TJA-I
WGA mutant
BTL
CRA
WGA
Avarol
Avarol-Fl
hMAA-F1
MPT
CA19-9-Alexa488
CCL2
P-1 (Vector)
FSL
#14 Sialyl Lewis x (Apogee)
TxB
ME5(detected with a-HuIgD)
ME7(detected with a-HuIgD)
SSL-10
CL18
SNA
TL(EY Lab)
CA19-9 (DRG)
AOL (Marine Lab)
TFEB-1
CA19-9-1-BBA
AAL

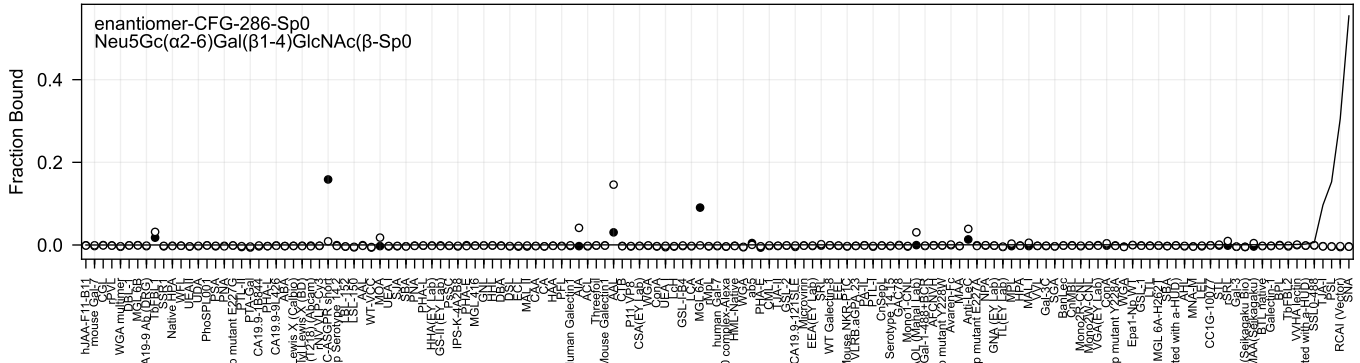

enantiomer-CFG-281-Sp0
Neu5Gc(α2-3)Gal(β1-3)GlcNAc(β-Sp0
Fraction Bound
0.4
0.3
0.2
0.1
0.0
SNA
Mono2W-SNA
LEA
AOL (Mahal
ABA
IPS-K-4
ABB
CGL
WGA (Wheat
CCL
CC1G-Sp27
ACL
Native SPA
WGA(Seikagaku, Bip)
WVL
UDA
TL(EY Lab)
UEA-I
SJA
SBL
SBA
GSL-II (EY Lab)
GNA
Epa1-Np
CML
PNA
PhaSp
CML-1
SSL
Sp Serotype
Native
MGL-418
hGal-1
#14 Sialyl Lewis X (Calbio)
HMA-BNVS
VLRB.aGP1.25
ME7(detected with
LSL-1.50
ME5(detected with a-
MOA
MAA
SBA
EEA(EY Lab)
hAAA-F11-EY
RCA(Vector)
MPL
GSL-IB4
Gal-3C6
Thrx(pol)
ZAA
P11
PFL
PNA
HPA
DBA
DSL
CON
PCA
Gstl-1
Mouse Galectin-1
PTA-I
PTL-I
PSL
PTA-Gal
PHA-L
PHA-E
GNA-2
GNA-1
LCA
PEA
LEL
Sp Serotype
MAA
CA19.9 Ab (PDAG)
Epa1-Np mutant L222A
Epa1-Np mutant Y228A
CnSepK
CA
HA70 complex
Epa1-Np
MGL-6A
MGL-6B
MAA(Seikagaku)
#15 Sialyl Lewis X
VGA(EY Lab)
Epa1-Np mutant Y228A
rNV VLP
Mouse NKR-P1
HPA
SA
Bap-A1
Bap-A2
CA19.9-Y
CA19.9-Y-Z
#8 Lewis B
CA19.9-Y-Z-STE
SSL
CSA(EY Lab)
MicPBP1
Avarol
Mono2R-PNL
PAL
GAC-2
Mono1-CNL
WFA
DC-ASGPR
Gal-8 short
Gal-8 long
MGL-6A
WT Galectin-8
SSL-1.488
Human Galectin-8
CA19.9-TB44
mouse Gal-7
mouse Gal-1
Anti-LeC

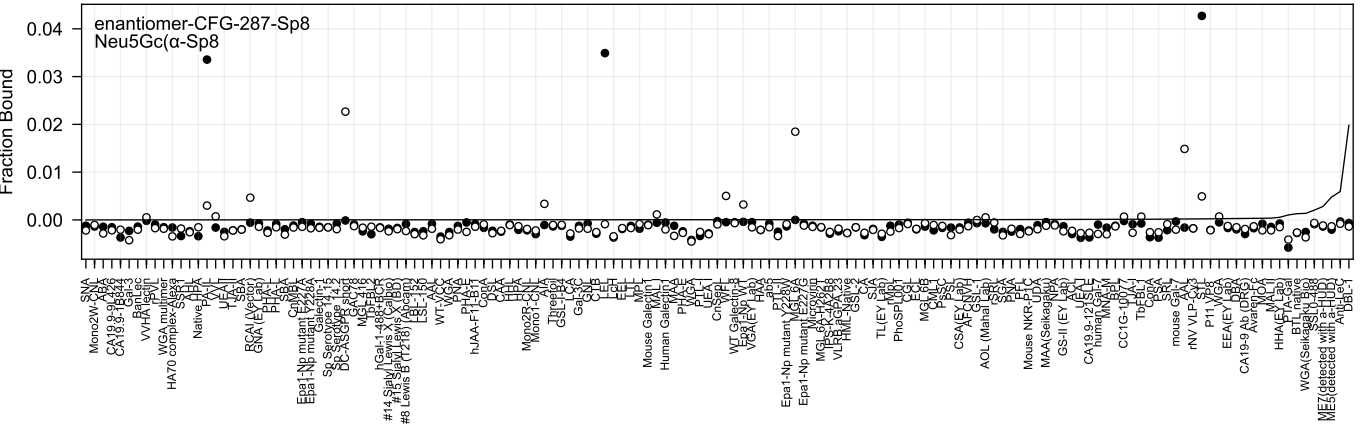

enantiomer-CFG-282-Sp0
Neu5Gc(α2-3)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β-Sp0
Fraction Bound
0.0
0.2
0.4
hJAA-F11_B11
UEA I
VGA(EY Lab)
RCA I(Vector)
PTL-I
TJA-I
PTA
PSL
PHA-E
ACL
AAL
PWM
PHA-L
TL(EY Lab)
SBA
human Galectin-3
WGA multimer
HA70 complex
PBP49
IPS-K-A
PBP
OAA
ASA
BPL
WGA(Seikagaku)
PHA-L(Vector)
PNA
AHL
MAL
GSL-I B4
Ara h 1
UEA I
CGA
Human Galectin1
Mouse Galectin1
CEL(Wt)
CA19-9 Ab (PNAS)
ACG
ACI
Galectin-1
hGal-1-488-BG3
Ara h 3
Gal-3
DBA
GSL-I
GNL
EEL
LTL
DSL
CSA(EY Lab)
Epa1-Np
CA
Thrombomodulin
PGA
CA19.9-1
B632
WT Galectin-1
GSL-I B4
mGalectin-9
HMC
CNSepi
VLRB aGFP
VG
CGF
VVHA
NPA
Bovine Lactoferrin
Sp Serotype 3
Sp Serotype 5
Sp Serotype 6
BUL
mCC1/CC2
MGL6/F-126677
SJA
Epa1-Np mutant G226A
PhoSF-Ant
CA19.9-12-SLE
Mouse NK-RP/C
#8 Lewis B (72120) CNL
Mouse NK-RP/A
Galectin-9
Sp Serotype 14
Sp Serotype 1
LBA
BKA
HPA
Mucor2
Epa1-Np mutant E227A
Epa1-Np mutant E227A
Mono1
BSL
CA19.9-426
Epa1-Np mutant V228A
Epa1-Np mutant V228
HHA(EY Lab)
SBL
MAA(Seikagaku)
Mono2
CNL
WGA(Lab)
EEA(EY Lab)
SSA
SSL1
SSL7
SSL8
GNA (EY Lab)
WT-VCX
WGA
Native EEA
TBA-2
TBA-1
LEL
GS-II (EY Lab)
rNV-VLP-Cy3
Ara h 1-16
Mouse IgM
CGL2
ME7(detected with a-HOD)
SNA
Sp Serotype 19
#15 Sialyl Lewis X (Lab)
SLe
SLe(Wet)
AOL (Mabal Wet)
DCA-SGPR-Sp0
#14 Sialyl Lewis X (CarPro)
AAL

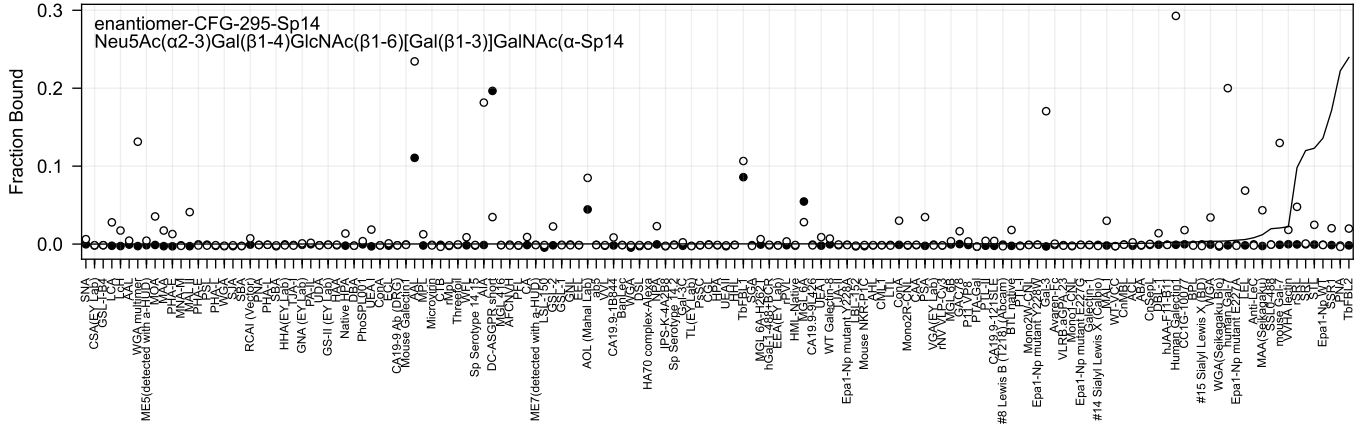

enantiomer-CFG-283-Sp0
Neu5Gc(α2-3)Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
hJAA-F11-B11
LSL
VVH
Lectin
WGA multimer
HA70 complex
KSL-A18
NPL
DBL-1
MOFR
#14 Sialyl Lewis X (Carbo
WGA(Seikagaku)
UEA
UEAII
SNA
TLEY
TLEY (Lab)
ME7(detected with anti-
Naive HEK
#15 Sialyl Lewis A (Carbo
#8 Lewis B (Carbohydrate
CA19.9-123
LSL-156
ME5(detected with anti-
WT-MOG
MNA-M
UEA
SNA
PHA-L
GNA (EY Lab)
GSL-I (EY Lab)
BBI
Mono2W-CBL
AOL
AOL (Mabtech)
HMA (Kaiyue)
CA19.9-125
SLE
PNA
PTL-I
RCAI (Vector)
SBA
CAA
PCL
P11-CBL
Mono2R-CBL
AIA
SNL
Mouse NKR-P1C
Epa1-Np WT
AAL
Mouse Galectin-1
CWH
WBL
LCA
Ant-Lec
Thrombin
GSL-I
PTL-I
PTL-II
BSL
MAL-II
MAL
PHA-E
HHL
PhoSL
VLRB-GPA
GSL-I-B4
HPA
CSA(EY Lab)
LCA
Epa1-Np mutant Y229A
Epa1-Np mutant E227G
CFG-1000
Epa1-Np mutant F227A
Epa1-Np mutant F227A
MGL6A-H282T
GAL
NPA
Mono1-CBL
hGal-M-288-BOX
Mono1-PNV
DC-ASGPR snpd
ABL
Gal-1
Gal-3
WT Galectin-3
SSA
MGL-6A
CTB
Galectin-7
human Gal-7
Human Galectin-1
CIDA
mouse SNA
SNA
SSL (Lot 488
MAA(Seikagaku)
WGA
SJA
LEL

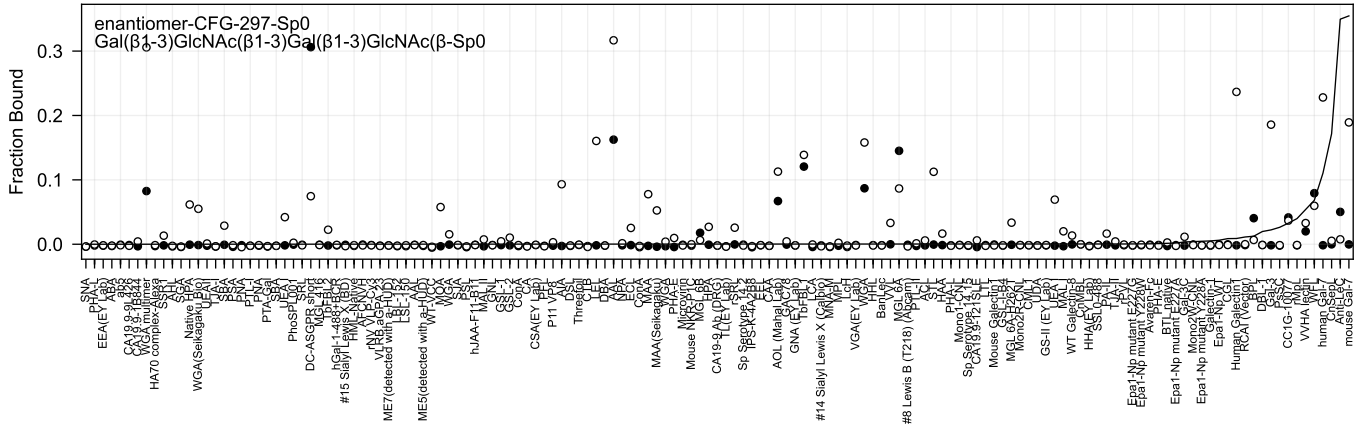

enantiomer-CFG-284-Sp0
Neu5Gc(α2-3)Gal(β1-4)Glc(β-Sp0
Fraction Bound
0.10
0.05
0.00
PTL-I
NEA
AFO
MAA
PHA-E
PNA
RCA I (Vector)
LBL-I
PA-IL
WGA(Seikagaku Bio)
SBA
LSL
DBA
MAL-I
MAL II
WGA
AOL (Mahal Lab)
ABA
Mono2W-ABA
Bro2W-ABA
EEA(EY Lab)
SAR
HHA(EY Lab)
SCA
SBA
CoA
SBA
Sp Serotype 1/2
AAL
Human Galectin-8
CTB
Sp Serotype 4
Threo
#15 Sialyl Lewis X (Glycotech)
Sp Serotype 7
EEL
DSL
DBA
Mouse Galectin-9
MGL-1/8
hGal-1-488-BCR
ACA
Gal-1
PSA
P11-Lectin
IPS-K-Lectin
PCA
DOA
GSL-I
VGA(EY Lab)
CA19.9-9-126
CA19.9-9-126
CSA(EY Lab)
PSL
Galectin-1
OGL
SBA
GSL-IB4
SNA
CC1G-10071
Mono2R-ABA
SLL
#14 Sialyl Lewis X (Glycotech)
Epa1-Np mutant EEA(EY Lab)
CTB
CA19-9 Ab (BSG)
EEA(EY Lab)
PHA-L
#8 Lewis B (T218) (Abcam)
Tb-AEL-1
PNA
CA19.9-12-BCR
PSL
HA70 complex
Alexa488
MOA
PEL
GS-II (EY Lab)
MGL (EY Lab)
GNL
Microgalectin
EGL
VVHA
MGL 6X-His
nNV VP-Nanobody
hMT-Nanobody
Epa1-Np mutant Y226A
CA
Mouse NKR-P1C
GSL-2
BPL
Mono2P-ABA
Native ABA
VLRB.aGFA
CA19.9-12-BCR
Epa1-Np mutant Y226A
TKA-1
TL(EY Lab)
GNA (EY Lab)
ACL
Gal-3C
Gal-3
TdFBP-L
Epa1-Np mutant Y226A
WGA mutimer
DC-ASGPR-mFc
WT Galectin-3
hMAP11-B11
hMAP11-B11
Epa1-Np-VVC
Gal-3
BTL native
GSL
ME5(detected with a-Lectin)
AmLec
mouse Lectin-7
ME7(detected with a-Lectin)
MAL
SSL
SNA
MAA(Seikagaku)

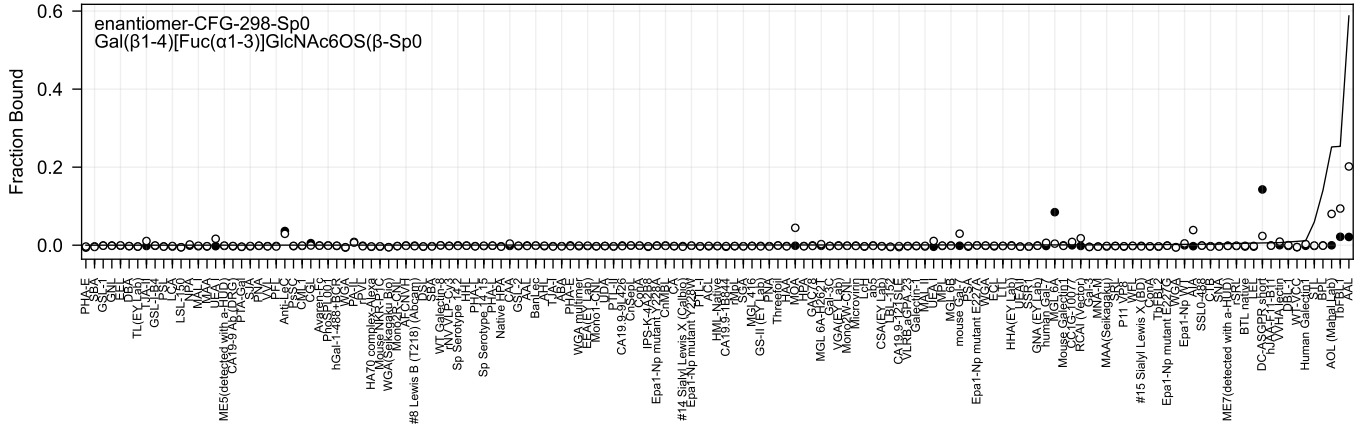

enantiomer-CFG-285-Sp0
Neu5Gc(α2-6)GalNAc(α-Sp0
Fraction Bound
0.20
0.15
0.10
0.05
0.00
SNA
JPS-K-4
Z86
CA19.9-1
PB44
OCT
VVH
Ran sec
DBA-1
CC1G
Native HPA
WGA(Seikagaku)
PNA
UEAI
UDA
TL(EY
SBA
STL-I
PTA-I
PTA-Ga
abs
PNA
AOL (Mahal lab)
HPA
Epa1-Np mutant Y228A
Cn2
phoSCD01
SR
Sp Serotype 1
Epa1-Np
#15 Sialyl T-480
#15 Sialyl T-Neu5Gc
RMT-Neu5Gc
nVV
LBT-163
LSL-150
UEA1
SNA
SRA
PTA-A
ABA
GS-II (EY
PSL
hIAA-F11
MAL I
Mono
BPL-E
WGA
PSA
P11
ASL
CSA(EY
DBA
Mouse Galectin1
Human Galectin1
ACL
ECL
EEL
NPL
NPA
GNL
CPA
CPA1
GSL-2
MVA
GSL-1
MAA(Seikagaku)
GTB
Mono1
CNL
PSL
BSL
CA19.9-121
SLE
CA19.9-28
GSA
mouse Galectin1
AIL
PHA-E
PHA-L
CNL
Epa1-Np mutant Y228A
SSL
CA19.9-Neu5Gc(PGS1)
GNA
Threonin
Galectin3
Epa1-Np mutant E227A
Mouse NKR-P1C
PSL
Microvillin
Sp Serotype 1
Epa1-Np
human Galectin1
Mono2
Epa1-Np mutant E227A
GSL-4
GSL-3
VLRB-1
VLRA-1
WT Galectin3
Avarep
Epa1-Np
HA70 complex-Alexa
TJA-I
TJA-II
EEA(EY
#14 Sialyl Lewis X (Calbiochem)
Amaranthin
AAL
SGA
#8 Lewis B (T218) (Abcam)
PA-IIL
GNA
CGL-1
SSA
WGA
MPL
TKH
WGA mutant
BTL
CVN
HHL
ME7(detected with a-HUD)
BTL (Yeung
HHL (Yeung
ME5(detected with a-HUD)
SSL-A8
MNA-M
MGL-6A-Neu5Ac
RCA
MGL-6A
MGL-6A
DC-ASGPR short

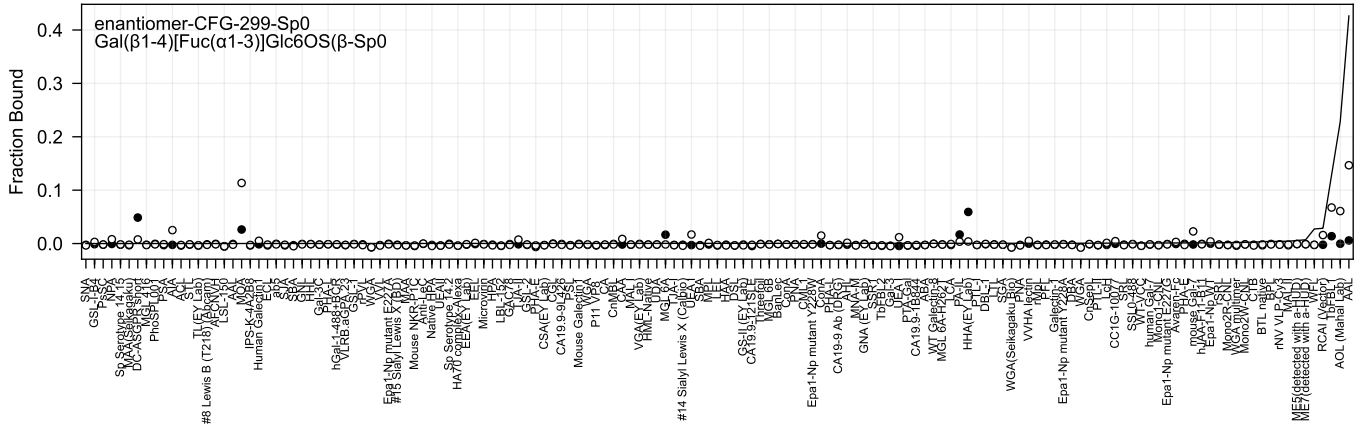

enantiomer-CFG-286-Sp0
Neu5Gc(α2-6)Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.0
0.2
0.4
hAA-F11-B11
mouse Gal-1
CGL
WGA mutant
CA19-9 Ab
MGL
CBG
SSA
Native VEA
UEA1
PhoSP
UDA
PSA
Epa1-Np mutant E227G
PTA-1
CA19.9-B244
CA19.9-9-H225
ABA
#14 Sialyl Lewis X (CHO)
#19 Sialyl Lewis X (HBD)
#8 Lewis B (HBD)
DC-SIGNR s[pH 5]
Sp Serotype 1
LBP-152
LSL-150
WTA
VCA
UEA
SJA
SNA
PHA-L
HHA(EY Lab)
GS-II (EY Lab)
IPS-K-4-2-B6
MGL-CA
CFA-40
GNL
DBA
DSL
MAL-I
CAA
HPA
ACA
Human Galectin-1
AOA
Threefold
Mouse Galectin-1
CTB
P-11 (EY Lab)
CSA(EY Lab)
VGA
UEA1
GSL-I-B4
MGL-CA
Gp60
human Galectin-2
HA70 coronavirus
HMC-Native
aGS
PHA-E
PHA-L
CVN-I
CA19.9-12-SLE
Microvirin
EEA(EY Lab)
SRL
WT Galectin-8
Mouse NKR-P1C
VLRB.aGPA.1
ETL-1
Sp Serotype 14-19
Galectin-3
AOL (Mona Lab)
rGal-1-ABD(KV)
Epa1-Np mutant Y228V
Avenin
MAA
Epa1-Np mutant E227A
GNA (EY Lab)
TL (EY Lab)
NPA
MPA
MAL-I
Gal-3C
SGA
Bam35
Cowbell
Monocyte-CNL
VGA(EY Lab)
Epa1-Np mutant Y228A
WGA
Epa1-Np mutant Y228V
GSL-I
MGL 6A-H2B11
ME7(detected with a+b)
SBA
PCA
AHL
MNA-M
CC1G-10077
SRL
GNA
WGA(Seikagaku)
MAA(Seikagaku)
Galectin-1
Galectin-7
BP-1
Tra-1
VVH-A(Lectin)
SSL-I (Lectin)
HA3
ME5(detected with a+b)
RCAI (Vector)
SNA

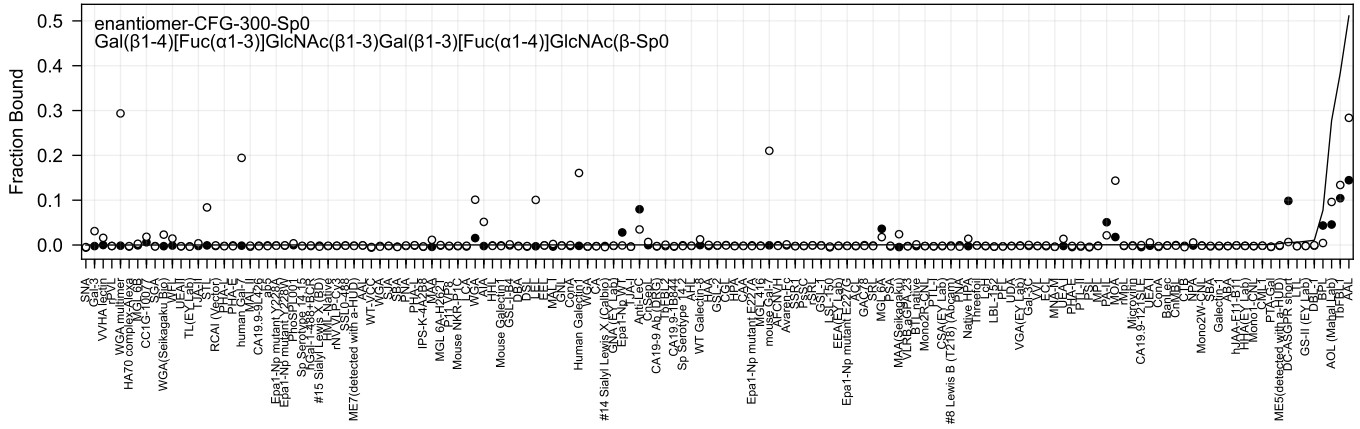

enantiomer-CFG-287-Sp8
Neu5Gc(α-Sp8
Fraction Bound
0.04
0.03
0.02
0.01
0.00
Mono2W_SNA
Mono2W_ABA
CA19.9-4_ABA
CA19.9-18844
Galectin-3
Bacillus
VVHA
WGA multimer
HA70 complex
Sialidase
ABH
Native
PNA
VVL
UEA
LTA
SBA
RCA(VECTOR Lab)
GNA (EY Lab)
BPA
HPA
SBA
Cn-A
Epa1-Np mutant E227A
Epa1-Np mutant E227G
Sp Serotype 14 15
Sp Serotype 14 18
DC-SIGNR
MGL
TPEL2
#14 Sialyl Lewis X (Biotin)
#15 Sialyl Lewis X (TBD)
#8 Lewis B (17216)
LSL-150
LSL-250
WT-VLPs
PNA
PNA
hJAA-F
LTA
ABA
ABA
PNA
PNA
Mono2R_SNA
Mono1_SNA
Threonin
GSL-I-B4
Galectin-1
Galectin-3C
CTB
CTB
LEL
LEL
EEL
EEL
MPL
MPL
Mouse Galectin-1
Human Galectin-1
PNA
PNA
WGA
WGA
UEA
UEA
Cn-A
Cn-A
WT Galectin-3
VSA(EY Lab)
VSA(EY Lab)
HAA
HAA
P-II
P-II
Epa1-Np mutant A227A
Epa1-Np mutant E227G
Epa1-Np mutant E227G
MGL 64-12880
VLRB-Fc-GAC8
VLRB-Fc-GAC8
HMM-Naïve
GSC-A
SJA
SJA
TL(EY Lab)
PhoSP-Con1
ECA
ECA
MOMP
MOMP
PSL
PSL
BSC
BSC
CSA(EY Lab)
AIL
AIL
GSL-I
GSL-I
AOL (Mahal Lab)
SSA
SSA
PHA
PHA
Mouse NKR-P1C
MAA(Seikagaku)
MAA
NPA
NPA
GS-II (EY Lab)
ACL
ACL
CA19.9-12
GSL-I
human Gal-1
MGL
MGL
Gal-1
Gal-1
BEL
BEL
CC1G-100
CC1G-100
TbEL-1
TbEL-1
CgBA
CgBA
SSL-1
SSL-1
mouse Gal-1
AAL
AAL
rNV VLP-S03
rNV VLP-S03
P11
P11
VEA
VEA
EEA(EY Lab)
EEA(EY Lab)
CA19-9 Ab (DSB)
CA19-9 Ab (DSB)
Avarol
Avarol
PC
PC
MLCH
MLCH
HHA(EY Lab)
HHA(EY Lab)
BTL (Naïve)
BTL (Naïve)
WGA(Seikagaku)
WGA(Seikagaku)
ME7(detected with a-HUD)
ME7(detected with a-HUD)
ME5(detected with a-HUD)
ME5(detected with a-HUD)
Anti-Tec
Anti-Tec
DBL-1

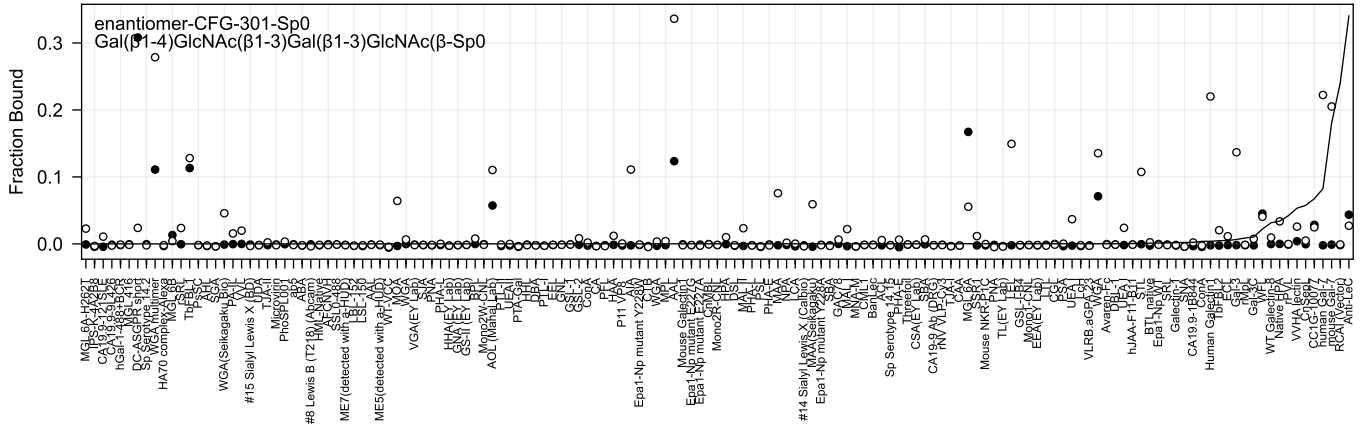

enantiomer-CFG-295-Sp14
Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-6)[Gal(β1-3)]GalNAc(α-Sp14
Fraction Bound
0.3
0.2
0.1
0.0
SNA
CSA(EY Lab)
GSL-I B4
LCA
PSA
ME5(detected with a-HUD)
WGA mut
MAA
PNA
MAA II
PHA-E
BS-I
PHA-L
VVA
SBA
STA
RCAI (VeNA)
PWM
PSA
SBA
HHA(EY Lab)
GNA (EY Lab)
DBA
GS-II (EY Lab)
PNA
Native HPA
PhoSP
DBA
UEA I
Con A
CA19-9 Ab (DRG)
Mouse Galectin-1
APA
MPL
Microcystin
RTB
Ricin
Threonine
Sp Serotype 14
WFL
ALA
DC-ASGPR-1
CGL-1
APOMN
PCA
ME7(detected with a-HUD)
LTA
GSL-1
GNL
EEL
AOL (Mahal Lab)
ABA
CA19.9-LB244
Bacolex
DSL
HA70 complex-Alpha
JPS-K-4A2B8
Sp Serotype 1-3-2
TL(EY Lab)
PGL
UEA
UEA I
FRIL
Tbp
SBA
MGL-6A
MGL-6A
hGal-1-Alpha
EEA(EY Lab)
HML-Native
CA19.9-UEA
UEA I
WT Galectin-1
Epa1-Np mutant Y229A
Mouse NRP-PTC
CALL
CALL
CONA
Monoc2R CONA
CSA
SBA
VGA(EY Lab)
NVVL-GAL
GAL
PTA-G
PTA-Gal
CA19.9-125-1
CA19.9-125-1
#8 Lewis B (125-1 Abcam)
BTL native
Monoc2V CONA
Epa1-Np mutant Y229A
Avaspin
VLRB-FE
Monoc1 CONA
Epa1-Np mutant E227G
#14 Sialyl Lewis X (Calbio)
VVL
VVL(Vector)
CNMBL
ABA
CGB
DSBP
hJAA-FI-B11
Human IgG
PC (G-10077)
#15 Sialyl Lewis X
BDL
WGA(Spikegen VGA)
Epa1-Np mutant E227A
Anti-Lec
MAA(Sigma)
PNA
mouse Gal-7
VVHA
FSL
SEL
Epa1-Np WT
SNA
SNA
TbFBL2

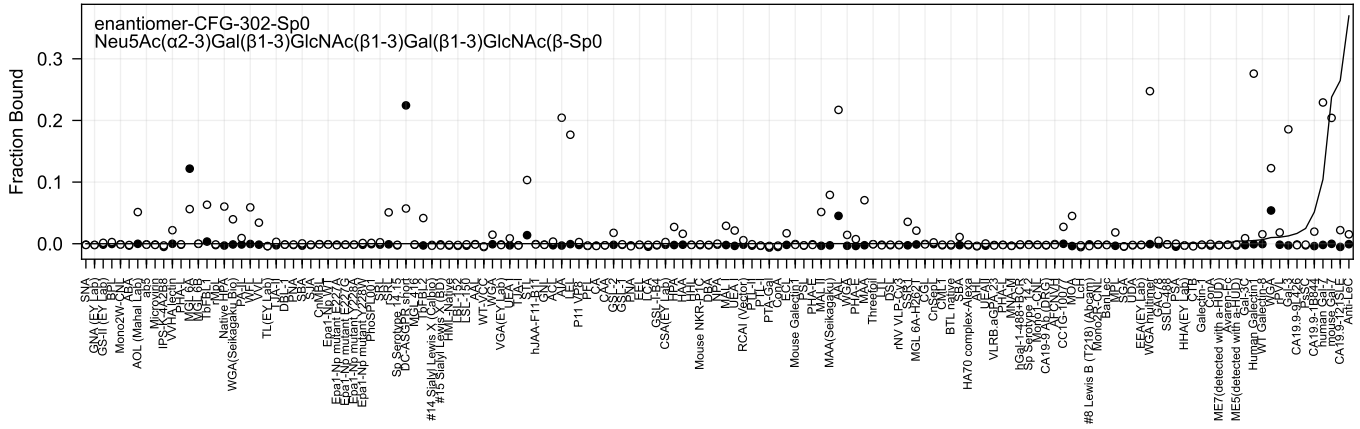

enantiomer-CFG-297-Sp0
Gal(β1-3)GlcNAc(β1-3)Gal(β1-3)GlcNAc(β-Sp0
Fraction Bound
0.0
0.1
0.2
0.3
SNA
PTA
EEA(EY Lab)
ABA
ABG
CA19-9 (H482)
WGA mutimer
HA70 complex-Sp8
ASA
AGA
Native PNA
WGA(Seikagaku)
UEA(I)
LEA
BSA
BPA
PNA
PTA-Sp8
PNA
PhoSPL
UEA(I)
DC-ASGPR
SRL
hGal-1-Sp8
UEA(I)
#15 Sialyl Lewis X (BD)
HMG-BAVE
NK-V
VVA(Y Lab)
ME7(detected with anti-Ub)
LBL-1
LBL-2
ME5(detected with anti-Ub)
WFA
MOA
SJA
PSL
hJAA-F1-Sp8
MAL-II
GSL-2
GoCA
CSA(EY Lab)
PP1
P11
VFA
DSA
Threonin
CFL
CFA
DBA
NPA
CoCA
MAA
MAA(Seikagaku)
WGA
PWM
Mouse NK-RSP18
HPA
CA19-9 (DPRG)
LEL
SRL
Sp SecMUC2-Sp8
EEL
AOL (Mahal Lab)
GNA (EY Lab)
Tb-FBP
#14 Sialyl Lewis X (Calbio)
MAL
IgG
VGA(EY Lab)
WGA
HHL
Bauhvia
#8 Lewis B (T218) (MGLab)
MGL-6A
PHA-E
SJA
SNA
HAA
PTA
Mono1-CNL
Sp CA19-9-P11-LE
Mouse Galectin-1
MGL-6A-Y226W
Mono2-CNL
GSL-I
GS-II (EY Lab)
MAL
WT Galectin-8
HHA(EY Lab)
SSL7-488
TKA-I
TKA-II
PTA
Epa1-Np mutant E227Q
Epa1-Np mutant Y226W
AvaBPA-F
BTL-biotin
Epa1-Np mutant Y226W
Mono2-V228K
Epa1-Np mutant Y226W
Mono2-V228K
Galectin-7
Epa1-Np mutant
Human Galectin-1
RCA(Vector Lab)
BPL
Dolichos
Dolichos
CC1G-FasG
Mouse Gal-7
VVHA (Iwori)
human Gal-7
Anetseq
mouse Gal-7

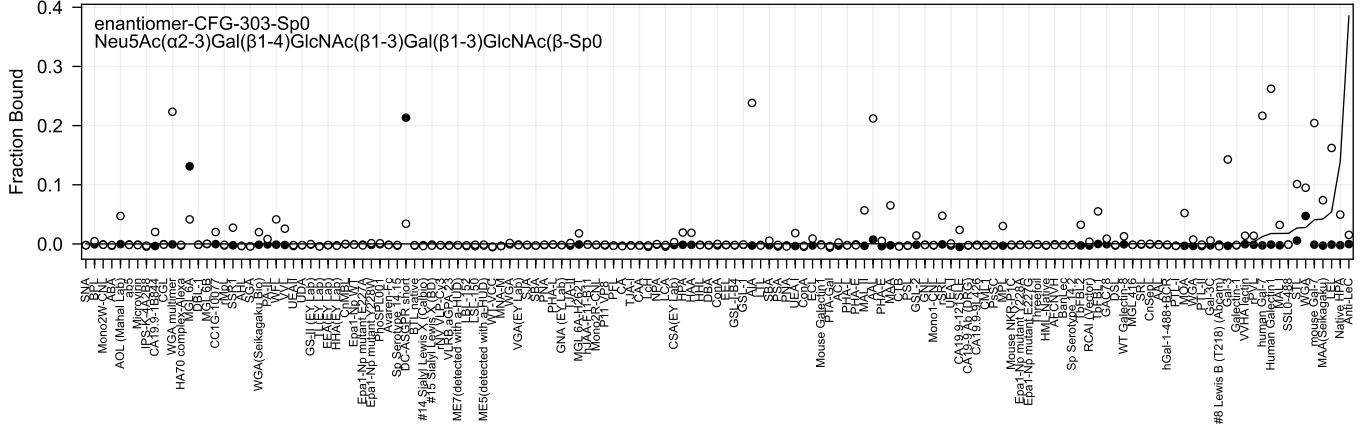

enantiomer-CFG-298-Sp0
Gal(β1-4)[Fuc(α1-3)]GlcNAc6OS(β-Sp0
Fraction Bound
0.6
0.4
0.2
0.0
PHA-E
PSA
GSL-I
EEL
DBA
TL(EY mut)
GSL-I (A4)
PSL
LCA
LSL
NPA
MAA
UEA-I
ME5(detected with a-HUD)
CA19-9 Ab(PRG)
PHA-L(a)
PNA
PWM
PE
Ant-LSC
CML
CE
Avarol
Protein Bind
hGal-1-488
WGA
PA-L
HA70 complex Alexa
WGA(Neuraminidase)
Monoclonal CNL
#8 Lewis B (T218)(Adcam)
SBA
WT Galectin-8
WT Galectin-1
Sp Serotype 12
PHL
PHA-E
Sp Serotype 14 15
Native HPA
GNA
AAL
Banlec
TJA-I
TJA-II
PHA-L
PAE
WGA (Wulner
LAA(EY mut)
Monoclonal CNL
PTA
CA19-9-Ab
CA19-9-Ab
Cnx
Cnx
Epa1-Np mutant E227A
IPSR-A-488
Epa1-Np mutant E227A
CAMBL
#14 Sialyl Lewis X (Calbio)
Epa1-Np mutant E227A
ACL
HIM-1(Alexa)
CA19-9-Ab
MPL
MGL
S16
GS-II (EY PBS)
Threonin
MGA
HPA
MGL 6A-(Dr.Gal
Gal-3C
VGA(EY CNL)
Monoclonal CNL
Microvirin
abo
CSA(EY PBS)
CA19-9-Ab
Galectin-1
VLA
WFA
MPL
MGL
mouse Gal-1
Epa1-Np mutant E227A
WGA
ECL
HHA(EY Lab)
SSA(EY Lab)
GNA (EY Gal-1)
human Gal-1
Mouse Gal-7(Dr.Gal)
RCA(Vector)
MNA-M
MAA(Seikagaku)
PTL
PTL
PTL

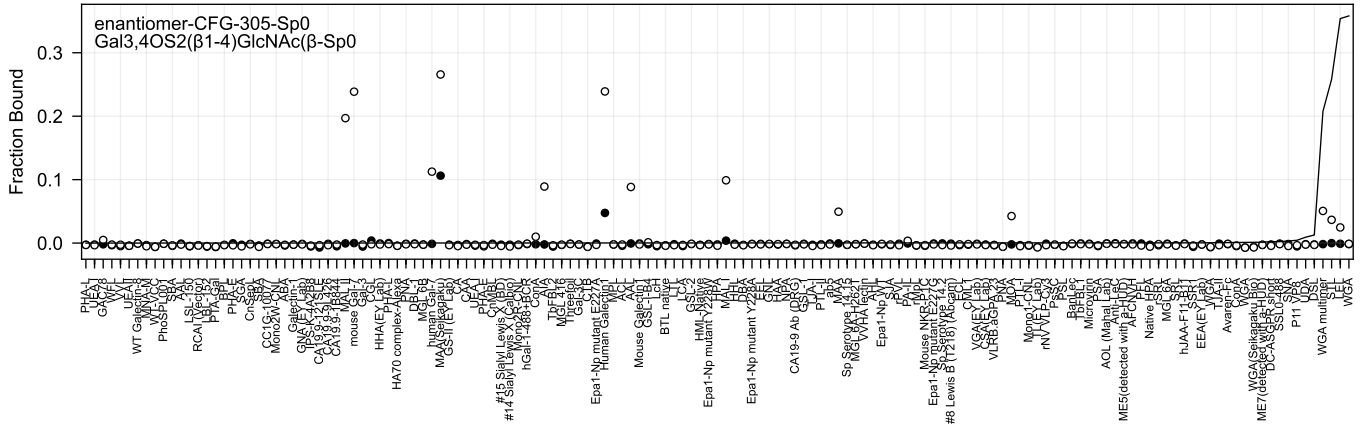

enantiomer-CFG-299-Sp0
Gal(β1-4)[Fuc(α1-3)]Glc6OS(β-Sp0
Fraction Bound
0.4
0.3
0.2
0.1
0.0
SMA
GSL-I B4
PNA
Sp Sarcoma 14-15
DVA(Seikagaku)
NGA 416
PhoSL 1 B0A
AIA
AAA
SJL
#8 Lewis B (T21B) TI(EY Lab)
APA(Kyowa)
LSL-I AAL
IPS-6-4 MOA
Human Galectin-1
Ecl
SNA
SNL
HPA
Galectin-3
Gal-1
hGal-14 PHA-E
VRA aGPA-33
GSL-I
WGA
Epa1-Np mutant E227A
#15 Sialyl Lewis X (TBD)
Mouse NKR P1C
Anti HPC
Nature UEA-I
Sp Sarcoma Lewis x
HA-TM cancer Lewis x
CEEA(EY Lab)
Microvilin
LBL-1 Tn2
GA-C16
GSL-I
CSA(EY Lab)
CA19.9-5F1
Mouse Galectin-1
P11 VSA
CnMA
CAA
VGA(EY Lab)
HM-Nature
MGL 6A
#14 Sialyl Lewis X (Calbio)
UEA-I
MPL
HLA
DSA
GSL-II (EY Lab)
CA19.9-T21 HSA
Wheat GII
Bandeiraea
BanLec
CoNA
Epa1-Np mutant Y228A
CoMV
CoPA
PDGF-BB
CA19-9 Ab
AHL
MVA(Lab)
GNA (EY Lab)
SSA
SSL-1
TbSL-1
Galectin-1
PTA
CA19.9-TB-244
CA19.9-TB-242
WT Galectin-8
MGL 6A-R262A
PA-IL
HHA(EY Lab)
DBL-1
SGA
WGA(Seikagaku)
PNA
VVHA lectin
MPL
Galectin-1
Epa1-Np mutant Y228A
PSA
WGA
CnPT-II
CC1G-10077
SSA
SSL-1
WT-VCC
human CaMV
Epa1-Np mutant E227G
Avenin
PPA-E
Epa1-Np WT
hGal-1 Gal-1
Mono2R-SNL
WGA Winter
Mono2W-SNL
CTB
BTL native
rNV VLP
rNV VLP
ME5(detected with a-HUD)
ME7(detected with a-WUD)
RCAI (Vector)
AOL (Mahal Lab)
AAL

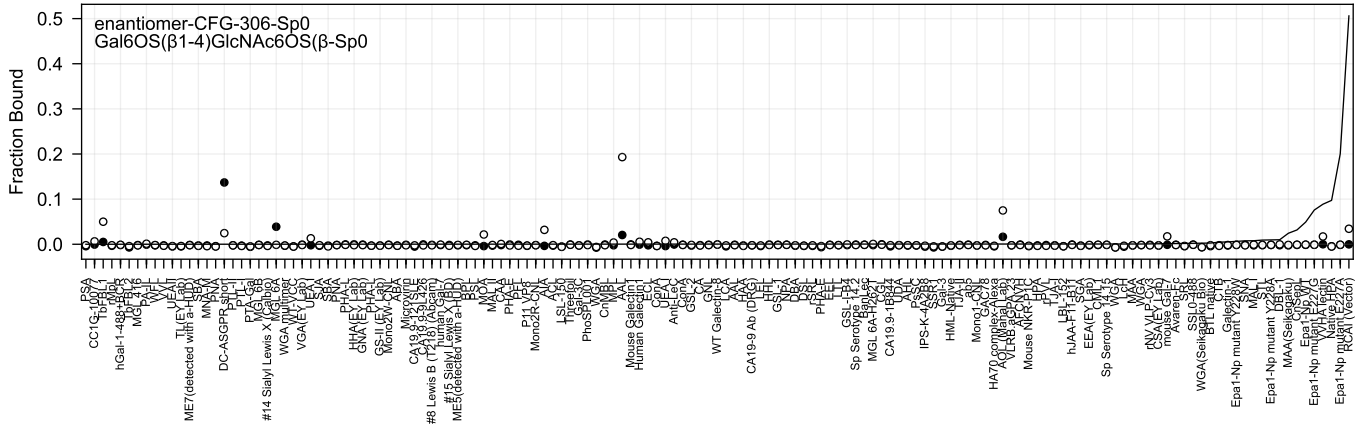

enantiomer-CFG-300-Sp0
Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-3)Gal(β1-3)[Fuc(α1-4)]GlcNAc(β-Sp0
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
SNA
Gal-3
VVHA (tail)
WGA multimer
HA70 complex
CC1G-Tox74
WGA(Seikagaku)
TL(EY Lab)
RCAI (Vector)
human Gal-7
CA19.9-9L2a
Epa1-Np mutant Y228A
Epa1-Np mutant S229A
Sp Serotype 14 (1)
#15 Sialyl Lewis X (BD)
ME7(detected with a-Hu Ab)
WT-VCA
IPS-K-4
MGL 6A-H-2
Mouse NKR-P1C
WGA
AIA
Mouse Galectin-1
GSC-I B4
DSA
EEL
MALL
Gal-1
Human Galectin-7
CA
#14 Sialyl Lewis X (Calbiochem)
Epa1-Np WT
Anti-Lec
CA19-9 Antibody
LYEB12
CA19.9 LYEB12
Sp Serotype 14 (2)
AHL
WT Galectin-1
Epa1-Np mutant E229A
MGL 4.16
mouse Galectin-7
APCNV-1
Avarol
PSSC
GSL-I
GSL-I B4
EEA(EY Lab)
Epa1-Np mutant E229Q
GAC-6
SBL
MGL
PSA
MAA(Seikagaku)
MAA(EY Lab)
B1 (native)
Mono2K-PNA
#8 Lewis B (T226) (Abnova)
Native-PNA
Native-Lec
LBL
PFF
VGA(EY Lab)
UDA
Gal-3C
ECL
MNEM
PTA-I
PTA-II
BS-I
MPL
MOA
Man
Man-2
Mono2W-SBA
Galectin-1A
hAA(EY Lab)
hAA(EY Lab)
Mono1K-LCN
AVAA
PTA
ME5(detected with a-Hu Ab)
DC-ASGPR short
GS-II (EY Lab)
BPL
AOL (Matreya)
AAL

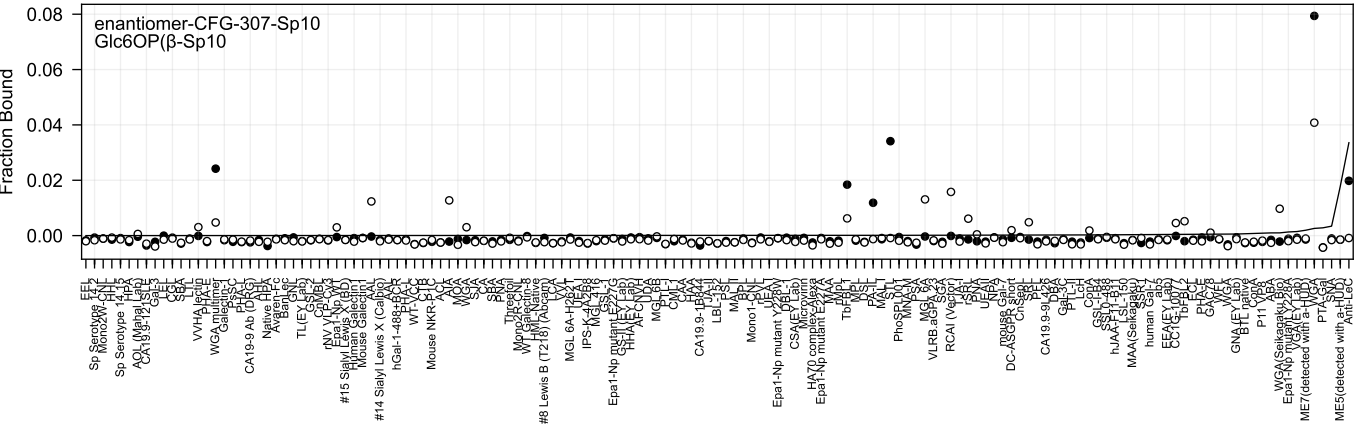

enantiomer-CFG-301-Sp0
Gal(β1-4)GlcNAc(β1-3)Gal(β1-3)GlcNAc(β-Sp0
Fraction Bound
0.0
0.1
0.2
0.3
MGL64-1(1267)
Tn-BSA
CA19.9-12(TSE)
VVL-1-Ag(BSE)
hGal-1-48(BCR)
DC-ASGPR-1-106
Sp Serotypes 12
Sp Serotypes 14
HA70 complex(Wear
MGL88
TbPL1
PNA
ABL
WGA(Seikagaku)
SGA
PCH
#15 Sialyl Lewis X (BD)
UDA
TJA-I
MGL(Wint)
PhoSP(B01)
ABA
#8 Lewis B (T2 18) (Adams)
RM(Adams)
ME7(detected with st-HUD8)
ME5(detected with st-HUD8)
LSL-155
LSL-156
AAL
MOA
MOA(R)
VGA(EY Lab)
PHA
PHA-L
HHA(EY Lab)
GNA(EY Lab)
GS-II (EY Lab)
AoL(Mana Lab)
Mono2W-CNL
VEA
VEA-II
PTL-II
PHA-E
PHA-P
EEL
SSA-I
GSL-I
GSL-I-2
CoCA
PFA
PFL
P11
VFA
Epa1-Np mutant Y228Q
VCA
VCL
MPL
Mouse Galectin-1
Epa1-Np mutant E227Q
Epa1-Np mutant E228Q
Mono2R-CNL
DSL
DSL-I
PHA-I
PSL
PTL-I
NPA
NCA
ACA
#14 Sialyl Lewis X (Calbio)
Epa1-Np mutant Y228A
Epa1-Np mutant Y228F
SSA
GNA
MAL
MOA(M)
BanLec
Sp Serotypes 4,12
THA-L
TKA-L
CSA(EY Lab)
CA19.9 Ab (DRG)
NV/VLP-CX3
CAA
MSA
MSA(R)
Mouse NKR-P1C
TL(EY Lab)
GSL-I-B4
Mono2-CNL
EEA(EY Lab)
CGL
CGL-I
UEA-I
VLRB.aGP-C3
WGA
WGA(R)
Avaren
BBL-1
hJAA-F1(TEA)
STL
BTL
Epa1-Np WT
SRL
Galectin-9N4
CA19.9-1(B84)
Human Galectin-1
TbGal-1
ECL
Gal-3
Gal-3C
Gal-9C
WT Galectin-1
Native UDA
VVHA (lectin
CC1G-10667
human Gal-7
human Gal-7
RCA120(Calbio)
Anti-Lec

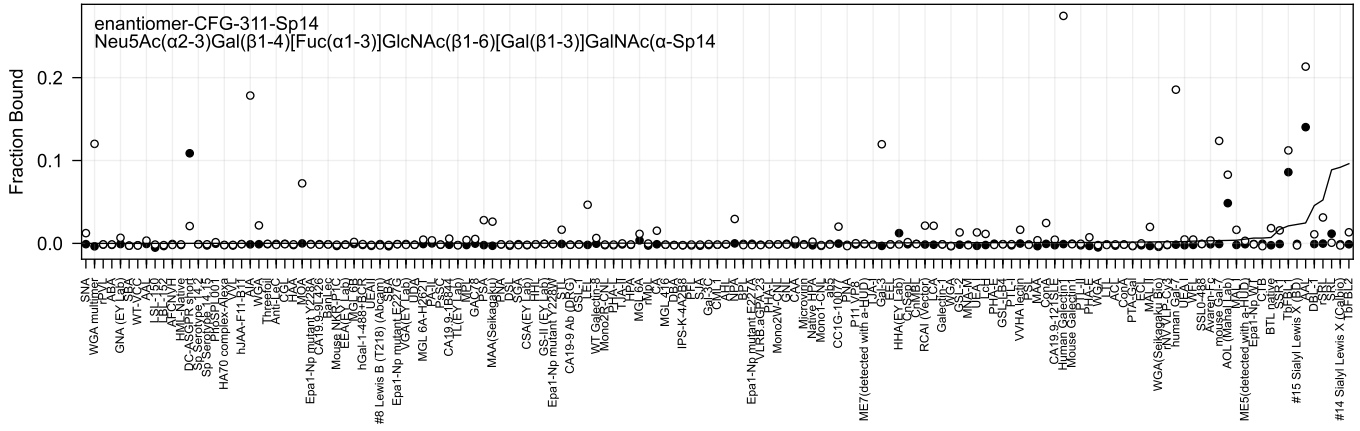

enantiomer-CFG-302-Sp0
Neu5Ac(α2-3)Gal(β1-3)GlcNAc(β1-3)Gal(β1-3)GlcNAc(β-Sp0
Fraction Bound
0.0
0.1
0.2
0.3
SNA
GNA (EY Lab)
GS-II (EY Lab)
Mono2W
CNL
AOL (Mahal Lab)
abs
Miy-2
IPS-1-4 (X2)68
VVHA (ecm)
MGL 6A
TJA-I
TcTeCK
NPA
Natrix (Mak
WGA(Seikagaku)
PNA
VVL
TL(EY Lab)
DBA
BPL-A
SBA
CnNA
Epa1-Np WT
Epa1-Np mutant E227G
Epa1-Np mutant E227A
Epa1-Np mutant Y228A
Epa1-Np mutant Y228G
PhoSH (001)
SBL
Sp Secretope 14-15
Sp Secretope 1-12
DC-ASGPR
MGL-2 (15)
CCL2
#14 Sialyl Lewis X (CD)
#15 Sialyl Lewis X (BD)
HMC-1-125
LBL-1-125
LSL-1-125
WT-rCCL
WT-rVCAM
VGA(EY Lab)
UEA I
SJA
hJAA-F11
ACL
ACA
LEA
P11
VFA
CA
SCA-2
GSL-I
EEL
EEA
GSL (EY Lab)
LCA
CSA(EY Lab)
PHA
Mouse NKR
DBA
MPA
UEA I
RCAI (Vector)
PTL-I
PTL-II
CoPA
Mouse Galectin-1
PSL
MAL II
MAA(Seikagaku)
WGA
PWM
MAA
Threeton
DSL
nVV VLS-B4
MGL 6A-P262
CnSerp
CNL
BTL
SBA
HA70 complex-Alexa
PHA-L
VLRB.aGPC
PHA-E
hGal-1-488
Sp Secretope 1-12
CA19-9 AD (ORST)
CCR(ORST)
AFCN(ORST)
MOA
#8 Lewis B (T218) (Abcam)
Morlo2R-CNL
Bauhinia
BPL
SSA
SJA
EEA(EY Lab)
WGA (Vector)
SSLD-488
HHA(EY Lab)
Galectin-1
ME7(detected with a-H Ab)
ME5(detected with a-H Ab)
Human Galectin-1
WT Galectin-3
PVL
CA19-9-488
CA19-9-Alexa
CA19-9-FITC
human Gal-7
human Gal-4
CA19-9-PSB
Anti-LeC

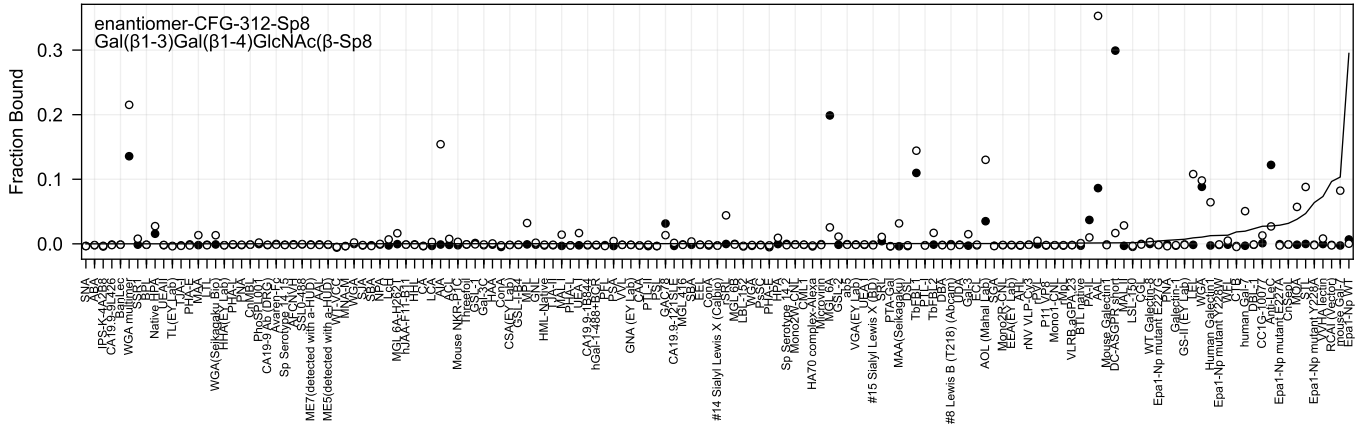

enantiomer-CFG-303-Sp0
Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-3)GlcNAc(β-Sp0
Fraction Bound
0.4
0.3
0.2
0.1
0.0
SNA
SNA
Mono2W-CNL
CNL
AOL (Mahal Lab)
aos
Micro
CPS-1-12288
CA19.9-1-BSG
BSG
WGA multimer
HA70 compound
MGL-6X
DBA
MGL-6A
CC1G-T0077
SSBG1
SSL7
SJA
WGA(Seikagaku)
Bpo
WXF
UEA
UEA
UDA
GSII (EY Lab)
EEA (EY Lab)
EEA (EY Lab)
HHA (EY Lab)
ChMB
Epa1-Np mutant
Epa1-Np mutant X226W
Epa1-Np mutant X226V
Mouse Galectin-1
Mouse Galectin-1
Sp Serotype 14-15
Sp Serotype 12-13
BT-naive
DC-SIGNR
#13 Sialyl Lewis X (CHBD)
#13 Sialyl Lewis X (CHBD)
NIV VLD-Cy3
VIM VLD-Cy3
ME7 (detected with a-FLD)
ME7 (detected with a-FLD)
LBL-182
LBL-182
WGA
WGA
VGA(EY)
SNA
SNA
SRA
SRA
PHA-L
PHA-L
GNA (EY Lab)
MGL6A1-Y281
MGL6A1-Y281
Mono2R-CNL
Mono2R-CNL
pHT
PPL
TJA
TJA
CAA
CAA
NPA
NPA
LCA
LCA
CSA(EY
HPA
HPA
HAA
HAA
DBA
DBA
CoPA
CoPA
GSL-IB4
GSL-IB4
GSL-IA4
GSL-IA4
SJA
SJA
BSA
BSA
UEA
UEA
CoPA
CoPA
Mouse Galectin-1
PTA Gal
PHA-L
PHA-L
MAL-I
MAL-I
AAL
AAL
PAA
PAA
PSL
PSL
GSL-I-2
GSL-I-2
Mono1-CNL
CNL
UEA
UEA
CA19.9-1-FLD
CA19.9-1-FLD
CA19.9-1-BSG
CA19.9-1-BSG
CMH-1
CMH-1
MPL
MPL
Mouse NK-92
Mouse NK-92
Epa1-Np mutant E227G
Epa1-Np mutant E227G
HM1 (Naive)
HM1 (Naive)
AEBNVR
AEBNVR
Sp Serotype 1-2
Sp Serotype 1-2
RCA I (EY Lab)
RCA I (EY Lab)
GNA
GNA
DSL
DSL
WT Galectin-8
WT Galectin-8
MGL-1
MGL-1
SRL
SRL
CnsA
CnsA
hGal-1-488-BCR
hGal-1-488-BCR
MOA
MOA
PVGA
PVGA
Gal-3C
Gal-3C
Gal-1
Gal-1
#8 Lewis B (T218) (AD)
VVRA
VVRA
PSV
PSV
Galectin-1
Galectin-1
human Galectin-1
human Galectin-1
SSL-MAH
SSL-MAH
SSL
SSL
VVA
VVA
mouse Galectin-1
mouse Galectin-1
MAA(Seikagaku)
MAA(Seikagaku)
Native HPA
Native HPA
Anti-LeC

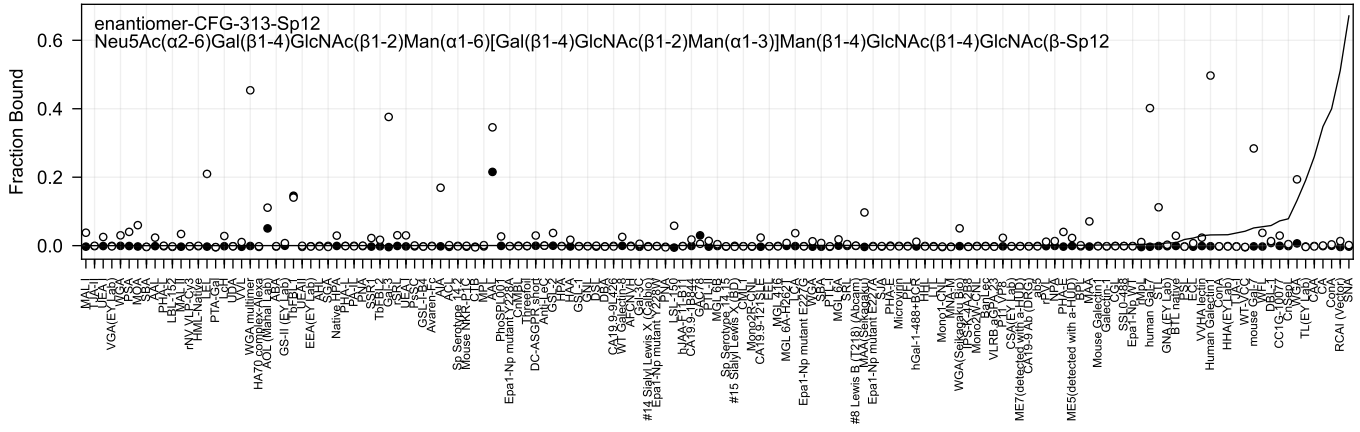

enantiomer-CFG-305-Sp0
Gal3,4OS2(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.0
0.1
0.2
0.3
PHA-L
PHA-E
GAL8
VVL
UEA-II
WT Galectin-1
WFA
WGA
PhoSL-101
SBA
SNA
RCA(I)-SL-120
UEA-I(92)
PTA
PNA
PHA-P
SGA
CnA
SBA
CC1G-L-CNL
Morou2W-CNL
ABA
Galectin-7(lab)
GNA(EY Lab)
CA19-9-2-325
CA19-9-1-325
MAL-I
mouse Gal-3
OAA
CGA
HHA(EY Lab)
PHA-E(lab)
HA70 complex-1A68
PSA
DBL-1
human Gal-9
MAA(Seikagaku)
GS-II (EY Lab)
LEA
CAA
LCA
PHA-E
CVN
#15 Sialyl Lewis X(lab)
#14 Sialyl Lewis X(Calbiochem)
hGal-1-488-BCR
CrA
Tor-B-L2
Mouse Gal-9
Gal-8
Epa1-Np mutant E227A
Human Galectin-7
AOL
Mouse Galectin-1
GSL-I-B4
BTL native
LCA
GSL-2
HML
Epa1-Np mutant Y228A
MAA
FRL
Epa1-Np mutant Y228A
EEL
TJA-I
TJA-II
CA19-9 Ab (DRG)
GSL-1
PNA
PNL-I
ABA
Sp Sarcocyne 14-13
MGL(EY Lect)
CVN-HA lect
Epa1-Np
ANL
PAL
SVA
PAP
Mouse NKR
Epa1-Np mutant E227G
#8 Lewis B (T2189) (Ab-BCR)
Sp-Sarcocyne 14-2
VGA(EY Lab)
CA19-9(lab)
VLLRb.aSol
BKA
AAA
MOA
Mono2-CNL
nNV-VEL-CBA
PSSC
Banlec
Mono-Bet-1
PSA
AOL (Mahal Lab)
ME5(detected with anti-HCO)
APP
PFL
Native-SBA
MGL-BA
hJAA-F11-B11
EEA(EY Lab)
VGA
Avarrow-FL
CoA
WGA(Seikagaku)(BIO)
ME7(detected with anti-HCO)
DCA(SIGMA)
SSL1-488
P11
SBA
UDA
PNA
WGA mutant
SEL
WGA

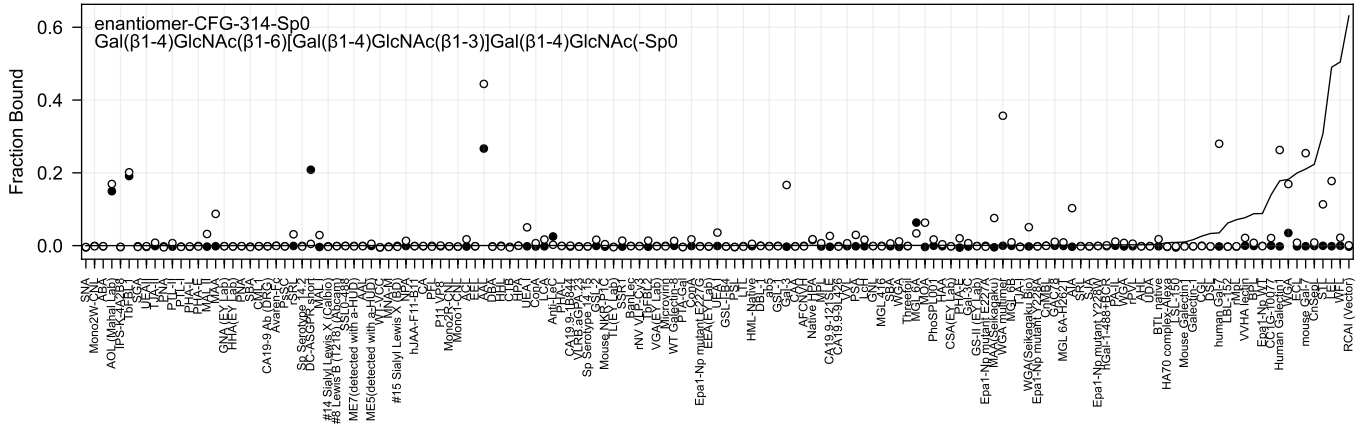

enantiomer-CFG-306-Sp0
Gal6OS(β1-4)GlcNAc6OS(β-Sp0
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
PSA
CC1G-1004
TBFBL1
hGal-1-488-PBS
MGP-B16
PA-LF
WT
UEAI
TL(EY Lab)
ME7(detected with a-HRP)
MNA
PNA
DC-ASGPR-Sp0
SP-D
PT-LF
MGL-6B
MGL-6A
WGA nuclhost
VGA(EY Lab)
UEA
SBA
RCA
PHA-L
PHA-E
LNA(EY Lab)
GNA(EY Lab)
PHA-P
GSnI-UV-488
ABA
MirA
CA19.9-FITC
#8 Lewis B (CA19.9-Sp0.25)
#14 Sialyl Lewis X (human Gal-7)
#15 Sialyl Lewis A (human Gal-7)
ME5(detected with a-HRP)
BSI
MOR
MOR-I
MOR-II
PHA-E
PJ11
VFA
Mono2R-Cy5
ACL
ACI
LSI
Triosecol
Gal-3C
PhoSL
WGA
CNMBL
AAL
Mouse Galectin-1
Human Galectin-1
ECA
OPA1
AmCyA
GSL-2
GNL
WT Galectin-3
AAA
CA19-9 Ab (DRG)
HPF
GSL-1
DBA
DSL
PNA-F
ETL
GSL-I-B4
Sp Serotype 1
MGL 6A-Pb27
CA19.9-tB244
VDA
ACA
IPS-K-4-SSB
PSSB
HML-Galectin-3
UJA-II
Mono1-488
GAC78
HA70 complex
AOL(Walbal Lab)
VLRB-APC
Mouse NKR-P1C
PVA
LJA
hJAA-P11-831
EEA(EY Lab)
Sp Serotype 9
WGA
MCA
WGA
CNV VLP
CSA(EY Lab)
mouse Gal-7
Avarol-SF
SSLU-488
WGA(Seikagaku)
BHL native
Galectin-1
Epa1-Np mutant Y228A
MAL
Epa1-Np mutant Y228A
DBL-1
MAA(Seikagaku)
Epa1-Np mutant N227G
Epa1-Np mutant N227A
WGA fetuin
Epa1-Np mutant N227A
RCA(I (Vector)

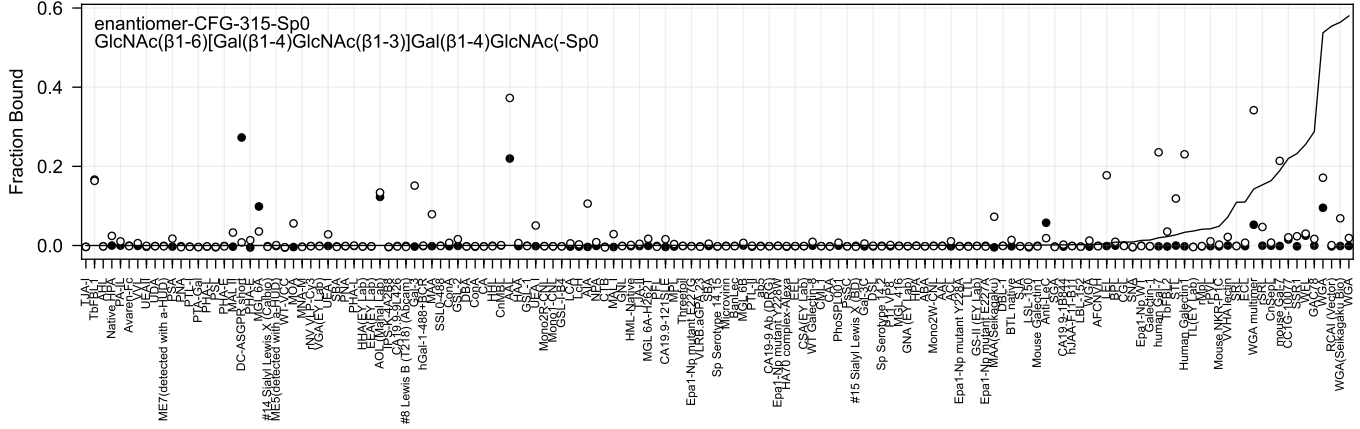

enantiomer-CFG-307-Sp10
Glc6OP(β-Sp10
Fraction Bound
0.08
0.06
0.04
0.02
0.00
EEL
EJ2
Sp Serotype 1-EJE
Mono2W-GNL
Sp Serotype 14-15
AOL (Mahal)
CA19-12-LSL
GalC
SBA
LSL
TJA-I
VVHA
ACL
WGA-multimer
Galectin-1
PSSC
CA19-9 Ab
DBA
ABL
Native
Native-PC
Banlec
TL(EY Lab)
CSL
CSBE
nNV VP-1
Human Galectin1
#15 Sialyl Lewis X (BD)
Mouse Galectin1
AAL
#14 Sialyl Lewis X (Calbiol)
hGal-1-488-BCR
WT-VCC
Mouse NKR-P1E
AOL
MOA
WGA
SCA
SJA
BPA
Tricorn
Mono1-GNL
WT-Galectin-8
#8 Lewis B (T2-19) (Native
UDA
MGL 6A-H2B1
IPS-4-UDA
MGL 4-16
Epa1-Np mutant E297-G
GSL I (EY Lab)
HPA
ACN07
MGL 1-DBA
PNA
PHL-I
CVN
HAA2
CA19.9-1-PNA
LBL-SSC
MAL-I
Mono1-BNL
UEA-I
Epa1-Np mutant Y228-W
CSA(EY Lab)
Microvirin
HA70 complex
Epa1-Np mutant E297-A
MAA
TcBPL1
TcBPL2
WSL
CAL-I
SNL
PhoSL
MAL-II
PSA
MGL 2-PSA
VLRB.aGP.v3
SGA
RCAI (Vector)
ACA
BNL
UEA-II
mouse Gal-7
DC-ASGPR short
SBT
CA19.9-a-125
DBA
GNL-I
CCL
CGL
GSL I-B4
hJAA-F11-B11
LSL-150
MAA(Seikagaku)
SSR(1)
human Gal-1
EEA(EY Lab)
EC01
TcBPL2
PHA-E
PHA-L
GAL8
WGA
GNA
GNA(EY Lab)
DSL
CGA
P11
ABA
WGA(Seikagaku-Bio)
Epa1-Np VVGA(EY Lab)
ME7(detected with a-UDA)
PTA
PTA-Gal
ME5(detected with a-UDA)
Anti-LeC

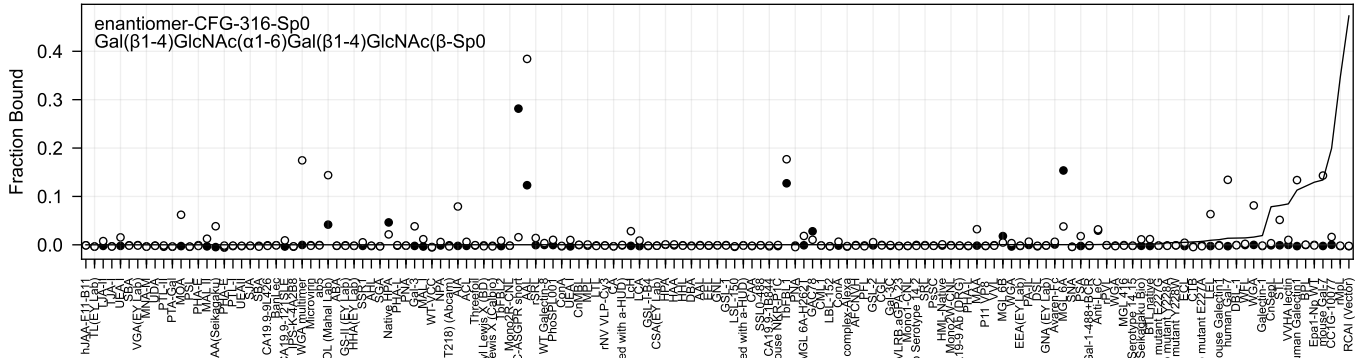

enantiomer-CFG-311-Sp14
Neu5Ac(α2-3)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-6)[Gal(β1-3)]GalNAc(α-Sp14
Fraction Bound
0.0
0.1
0.2
SNA
WGA multivalent
PNA
GNA (EY Lab)
SBA
WT Galectin-3
ACA
LSL-1-122
LSL-1-152
HAA (EY Lab)
DC-ASGPR sp9
Sarcovue 1-15
SPS sample
PROSPA (Ab1)
HA70 complex
VVA
hJAA-F11-B11
WGA
Thrombomodulin
CCL
CCK
MGA
Epa1-Np mutant Y228W
CA19.9 (Y228W)
Epa1-Np mutant Y228A
Epa1-Np mutant Y228F
Mouse NEU1 (Lab)
Mouse NEU3 (Lab)
hGal-1-4GFP-BB
UEA1
#8 Lewis B (T218) (Ab)
Epa1-Np mutant L227G
VGA
MGL 6A-P221
CA19.9 (P221)
PSA
GAL
PsA
MAA(Seikagaku)
DSL
CSA(EY Lab)
FAL
GS-II (EY Lab)
Epa1-Np mutant Y228W
CA19-9 Ab (DRG)
GSL-I
WT Galectin-8
Monoclonal Ab (Lab)
T-Ag
MGL 6A
Man
MGL 4A
MGL 4B
IPS-K-A2B8
BSL
Gal-3C
CNL1
NBA
Epa1-Np mutant L227A
VLRB aGPA-23
Mono2W CNL
CAA
CAL
Microvirin
Nonamer CNL
Monoclonal CNL
CC1G-1-B7
PNA
P11
ME7(detected with a1-UUD)
GAL1
GAL3
EEL
HHA(EY Lab)
CNMBL
RCAI (VectorLab)
Galectin-1
Galectin-7
GSL-I-A
MDA-M
ACL
PwAcB
GSL-I-B4
VVHA Pel1
BSL
MOA
CA19.9-122 SELE
Human Galectin-1
Mouse Galectin-1
PHA-E
PHA-L
WGA
ACT
KOGA
PTX
ECL
MPL
WGA(Seikagaku)
NVVHL-Cy3
human CEA1
CEA1
SSLL-4B4
Avarap-FC
AOL (Maha Lab)
ME5(detected with a-UUD)
Epa1-Np WT
MOD
BTL
BTL (Lab)
SSR1
TSR
#15 Sialyl Lewis X (Ab)
DAA
SBL
#14 Sialyl Lewis X (Ab)
16PBL2

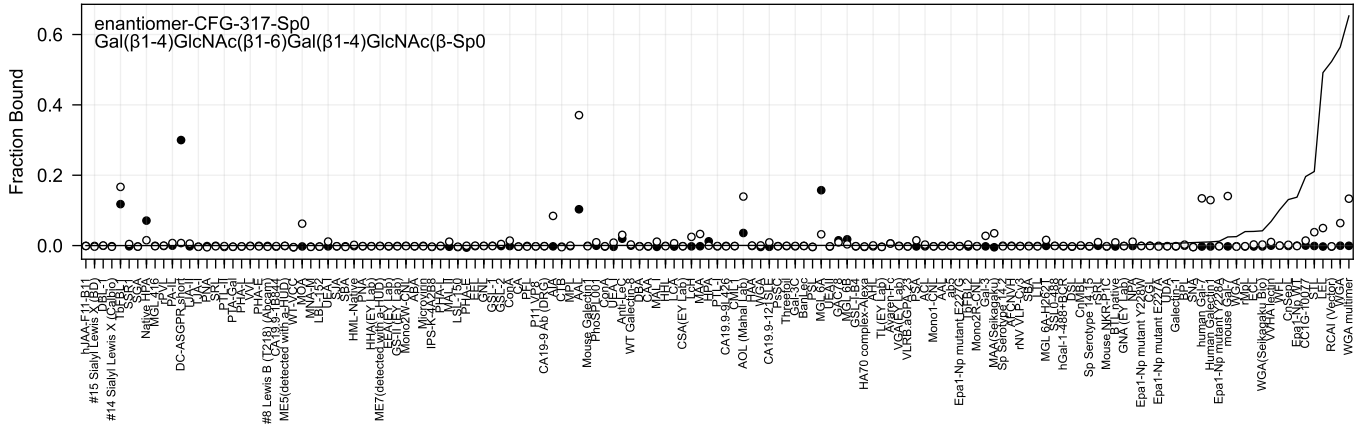

enantiomer-CFG-312-Sp8
Gal(β1-3)Gal(β1-4)GlcNAc(β-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
SNA
SNA
JRC1-14-288
CA19-9-488
BanLec
WGA mutant
BPL
BPL
Native (EAI)
TL(EY Lab)
PHA-E
MAA
WGA(Seikagaku Bio)
HPA
PHA-L
MAL
Con A
PNA
CA19-9-PC
Arachis-PC
Sp Serotype 14 V5
SSL2-488
ME7(detected with a-HD)
ME5(detected with a-HD)
WGA
MNA-M
WGA
SBA
SBA
NPA
MGL 6A-PC
MGL 6A-PC
hJAA-F11-PC
HPL
LCA
AAL
AAL
Mouse NKR-P1C
Thrombomodulin
Galectin-1
ConA
CSA(EY Lab)
GSL-I(EY Lab)
WFA
GNL
HML-N
MAL-II
PHA-L
PHA-E
CA19-9-PC
hGal-1-488-PC
PEA
PEA
VVL
GNA (EY Lab)
CAA
PL-E
PL-I
CA19-9-488
GAL-8
NKG2D-L15
SBA
ConA
#14 Sialyl Lewis X (Calbiochem)
MGL-488
LBT-488
WGA
PF-PSE
HPA
HPA
Sp Serotype 14 V5
Sp Serotype 14 V5
HA70 complex-CNL1
CNL1
Mouse Galectin-9
MGL6A
abs
VGA(EY Lab)
#15 Sialyl Lewis X (Bio)
PTA-Gal
MAA(Seikagaku)
TbEBL-1
TbEBL-1
TbEBL-2
DBA
#8 Lewis B (T218) (Abcam)
GBC2
GBC2
AOL (Mahal Lab)
Morgo2R-CNL
EEA(EY Lab)
rNV VLP-Cy3
rNV VLP-Cy3
P11
Mono1-CNL
VLRB.aGPA.25
B1L
B1L native
AAL
AAL
Mouse Galectin-9
DC-ASGPR ectodomain
LSL(Mahal Lab)
CGL
WT Galectin-3
Epa1-Np mutant E227A
PNA
Galectin-1
GS-II (EY Lab)
WFA
Human Galectin-9
Epa1-Np mutant Y304A
WFA
CTB
human Galectin-7
DSL-1
CC1 Galectin-10
Epa1-Np mutant E227A
Orf9-CNL
MGL
Epa1-Np mutant Y304A
VVL(A) lectin
Rhizoctonia Galectin
Epa1-Np WT

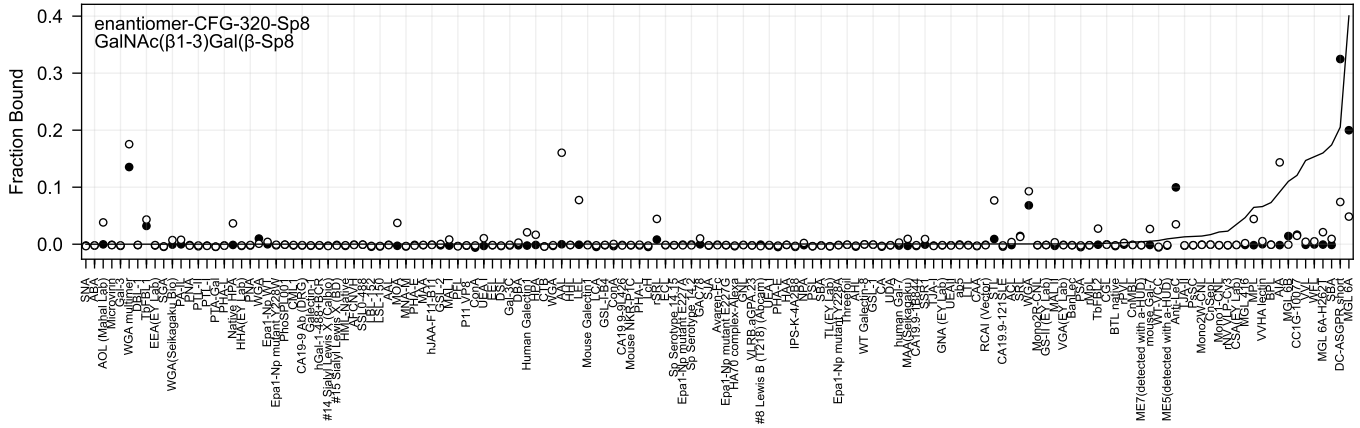

enantiomer-CFG-313-Sp12
Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp12
Fraction Bound
0.0
0.2
0.4
0.6
MAL-I
UEA-I
VGA(EY Lab)
WGA
MGA
SBA
PHA-E
PHA-L
LBA
LEA
rNX-VL-Cy3
HML-Native
PTA-Gal
UDA
WGA mutant
WGA mutant-Alexa
HA70 control
AOL(Marine Lab)
GS-II (EY Lab)
UEA-I
EEA(EY Lab)
ABA
Native PNA
PNA
PAA-I
PAA-II
SSA
TBG
Gal-3
SSA-I
SSA-II
GSL-I-B4
Avarrum
AAA
AAL
Sp Serotype 12
Mouse NKR-P1C
MPL
PhoSP-001
Epa1-Np mutant E228A
Tureefoil
DC-ASGPR stock
Arum spot
GSL-2
ERA
GSL-I
DSL
CA19.9-01
CA19.9-02
WT Galectin-3
Galectin-3
Gal-3C
#12 Sialyl Lewis x (Calbiochem)
Epa1-Np mutant E228A
PNA
hAAT-S1-B7
CA19.9-1-B244
CA19.9-1-B7
Mouse IgG
So Serotype 1a
#15 Sialyl Lewis X (BD)
Mono2R-CNL
CA19.9-12-B7
ELE
MGL 1-16
MGL 6A-R26-G
Epa1-Np mutant E227G
SBA
MGL
MGL 1-A
SRL
#8 Lewis B (T218) (Accurate)
MAA (Seikagaku)
Epa1-Np mutant E227A
PHA-E
PHA-L
Microvillin
hGal-1-488+BCR
HCL
Mono2N-CNL
WGA(Seikagaku Biochem)
Mono2N-CRB
VLRB
B91-55
B11 (Y58)
CCM(EY Lab)
ME7(detected with a-HUD)
CA19.9 Ab (DRG)
B95
NKA
PNA
ME5(detected with a-HUD)
MAA
Mouse Galectin1
Galec-OGL
SSL-1
SSL-2
Epa1-Np 488
human Galectin1
GNA(EY Lab)
BTL
RBE
ECL
VVHA
Human Galectin1
HHA(EY Lab)
WTA
mouse Galectin1
DBA
PALF
CC1G-0077
CNA
WFA
TL(EY Lab)
CAA
CA
CCA
RCAI (Vector)
SNA

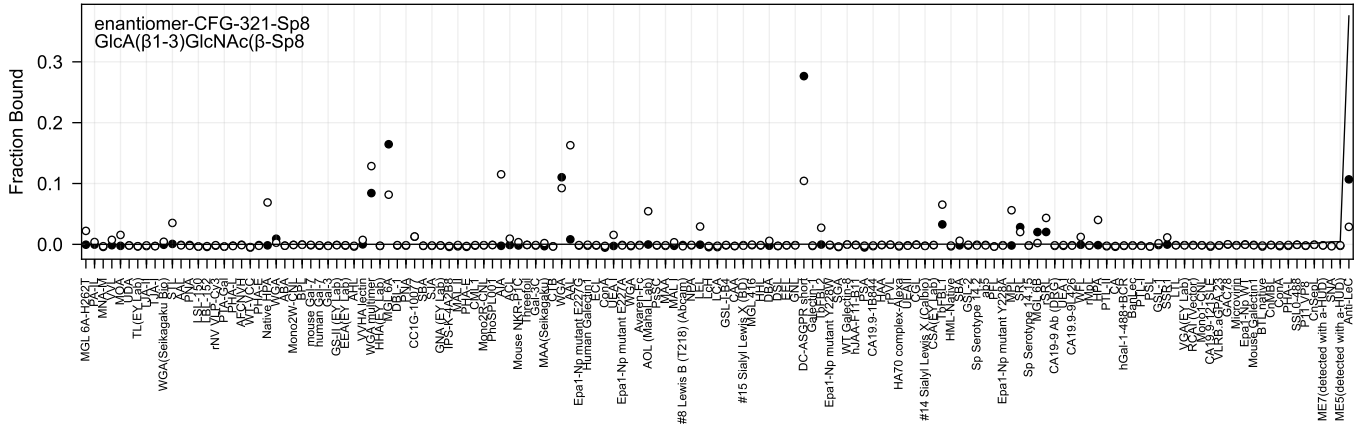

enantiomer-CFG-314-Sp0
Gal(β1-4)GlcNAc(β1-6)[Gal(β1-4)GlcNAc(β1-3)]Gal(β1-4)GlcNAc(-Sp0
Fraction Bound
0.6
0.4
0.2
0.0
SNA
Mono2W
ABA
AOL (Mahal
Tps-14-Ag
Tbs-Ag
UEA1
LEA
BNA
PTA-1
PTA-1
MAA-1
MAA
GNA (EY
PHA(EY
SBA
CA19-9 Ag
CA19-9 Ag
Avaln-Ec
PSA
PSA
Sp Serotype
DC-ASGPR short
TL2
#14 Sialyl Lewis X (Calbio)
#8 Lewis B (1216 S
ME7(detected with a-HuD)
ME5(detected with a-HuD)
Wa
#15 Sialyl Lewis X (Ab)
hJAA-F11-B11
PCA
P21
Mono2-CN
Mono2-CN
ACL
AAL
AAL
DBA
CTB
UEA1
CoA
Arth-Lec
Arth-Lec
CA19.9-1-B244
CA19.9-2-B244
Sp Serotype
GSL-2
Mouse Neo-Pan
TJA-I
SSR1
nN V
Bauhinia
VGA (EY
Microvirin
WT Galectin-3
Galectin-3
Epa1-Np mutant
Epa1-Np mutant
LEA(EY
Lap
GSL
UEA1
PSL
HML-native
DBL-1
GSL-1
Galectin-1
AFCNA
Native MPA
CA19.9-1-B244
CA19.9-2-B244
SLE
VVL
PSA
GNL
MGL
SBA
WGA
Tomato
MGL 6A
MGL 6A
PhoSP
LCA
HAA
CSA(EY
BHA(EY
BHA(EY
GS-II (EY
Epa1-Np mutant
Epa1-Np mutant
WGA-mutant
WGA-mutant
MGL 6B
WGA(Seikagaku)
Epa1-Np mutant
CA19.9
CA19.9
MGL 6A-FDC74
MGL 6A-FDC74
STA
STA
SJA
Epa1-Np mutant
Epa1-Np mutant
rGal-1-486
PNA
PNA
VGA
VGA
AHL
AHL
BTL native
HA70 complex
Mouse Galectin
Galectin-1
DSL
human Galectin-1
TBL
VVHA
MPL
BPL
Epa1-Np 077
Epa1-Np 077
Human Galectin-1
ECL
ECL
mouse Galectin-7
Cnu
SJL
SJL
WFL
RCAI (Vector)

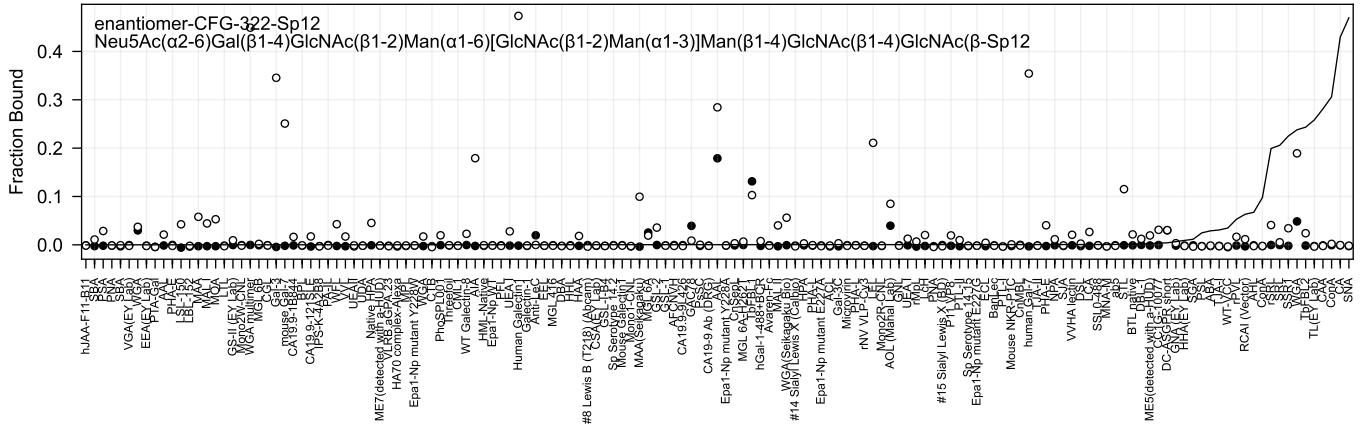

enantiomer-CFG-315-Sp0
GlcNAc(β1-6)[Gal(β1-4)GlcNAc(β1-3)]Gal(β1-4)GlcNAc(-Sp0
Fraction Bound
0.6
0.4
0.2
0.0
TJA-I
TbFBP
ABA
Native PA-L
Avarol
UEA-I
ME7(detected with a-HUD)
PSA
PTL-I
PTL-II
PSL
PNA
MAL-I
DC-ASGPR
SP-D
#14 Sialyl Lewis x
MGL 6A
ME3(detected with CBHD)
WT-WGA
MNA-M
NW-CVN
(VSA(EY Lab))
UEA-I
SNA
PHA-L
HHA(EY Lab)
EEA(EY Lab)
AOL(Fucα1-2Gal)
Tpa(Fucα1-2Gal)
CA19.9-Le(a)
#8 Lewis B (T218) (Alb)
Gal-3
hGal-1-488
RCA
hGal-1-488
SSL-488
Gal-7
GSL-I-B4
DBA
Con A
CA
CaMel
AAL
AAL
GSL-I
Mono2R-CN
Mono1-CN
GSL-I-A4
LCA
Tra
MAL
NPA
MAL
GNL
HML-NAV-II
HML-NAV-I
MGL 6A-H2B2
CA19.9-121
SLE
Tpa
Epa1-Np mutant Y228A
LCB.aGT 3-1
VVL
Sp Serotype 14
Sp Serotype 19
Man
Man-BC
Man-C
CA19.9-Ab
Epa1-Np mutant Y228W
HA70 complex-Neu5Ac
CFA/I (Lab)
WT Galectin-1
CFA/I (Lab)
PhoSPC
CGA
#15 Sialyl Lewis X
DSL
Sp Serotype 1
Sp Serotype 4
GNA(EY Lab)
HPA
Mono2W-CN
AAL
Epa1-Np mutant Y228A
GSL-II (EY Lab)
Epa1-Np mutant E227A
MAA(Sebidanib)
BSL-I
BTL native
LSL-150
Mouse Galectin-1
CA19.9-1
CA19.9-2
hCAA-F-B11
LBWX2
AFCNV-1
BPL
SSA
SGA
Epa1-Np WT
Galectin-1
human Galectin-1
TbFBP
Humag Galectin1
TL(EY Lab)
Mouse NKR-P1
VVA
Mouse Galectin-1
SBL
WGA multimer
CnSL
Mouse Gal-7
CCTG-Gal-7
SSB1
AVL
GNA
WGA
RCAI (Wakayama)
WGA(Seikagaku Biobu)
WGA

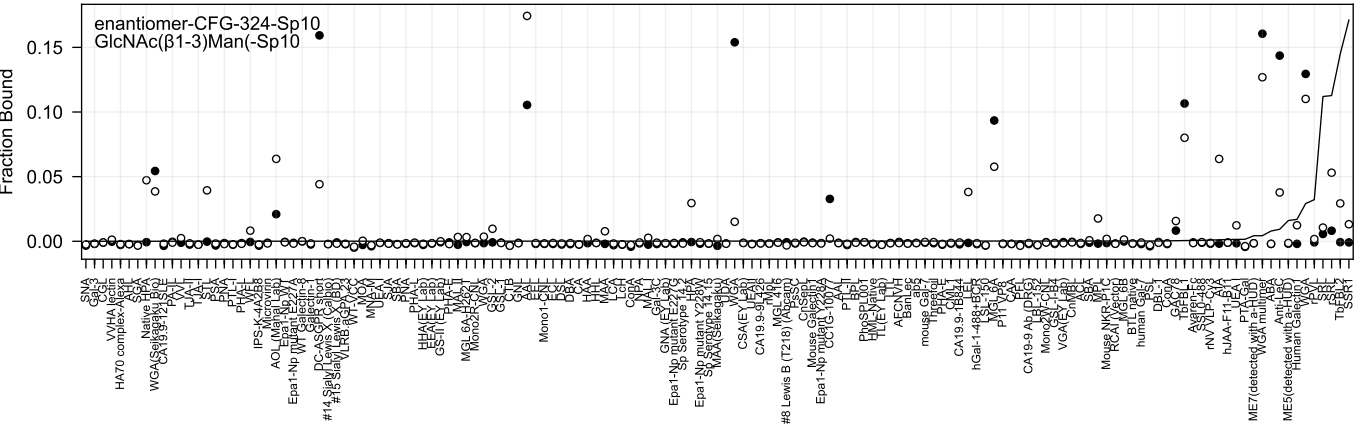

enantiomer-CFG-316-Sp0
Gal(β1-4)GlcNAc(α1-6)Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.0
0.1
0.2
0.3
0.4
hJAA-F11 B11
PTA(EY Lab)
LCA
UEA
SBA
VGA(EY Lab)
MAA(EY Lab)
PTL-I
PTA(Gal)
IPSL
MAL-I
MAA(Seikagaku)
PNA
PSL-I
UEA-II
SNA
CA19.9-488 Biotec
CA19.9-421 Biotec
WGA multimer
WGA monomer
AOL (Mahal Lab)
GSL-II (EY Lab)
HHA(EY Lab)
ACL
Native PNA
PHA-L
Gal-3
WFL
NPA
ACA
ACL
Thy-1
#15 Sialyl Lewis X (BD)
#14 Sialyl Lewis X (BD)
Mouse CNL
DC-ASGPR-Fc
SAL
SSL
WT Galectin-1
PhoSL (Bio)
GRA
CrFMBL
LT
rNV VLP-CA3
ME5(detected with a-HUD)
LCA
GSL-I-B4
CSA(EY Lab)
HPA
HHA
DBA
EEL
BPL
SSL
ME7(detected with a-HUD)
LSL-I(EY Lab)
GSL-I-B4
CA19.9-488
SSL-I-B4
Mouse NKR-P1C
TGF-β1
MGL 6A-U2621
GNA
CCL7
LBL-152
LBL-154
HA70 complex
ACA
ACA
PHA
GSL-I
Gal-3C
Gal-3C
VLR-B.aGT
NL-aGT
Sp Serotype 14
Sp Serotype 14
PSSL
hIMA-Native
Mouse IgM
CA19.9 AB
PNA
MAA
P11
VGA
MGL-68
WGA
EEA(EY Lab)
PALL
ACA
GNA (EY Lab)
ACA
MGL-1
MGL-2
SNA
hGal-1-488-BGB
Anti-Leg
WGA
MGL-1
MGL-2 A18
So Serotype 1
WGA(Seikagaku Biol)
Epa1-Np mutant Y228A
Epa1-Np mutant Y228A
Epa1-Np mutant E227A
Epa1-Np mutant E227A
TEL
Mouse Galectin-7
human Galectin-7
DRL-1
WGA
Galectin-1
SHL
VVHA
Human Galectin-10
Epa1-Np
mouse Galectin-7
CCTG-1 (NV)
RCAI (Vector)

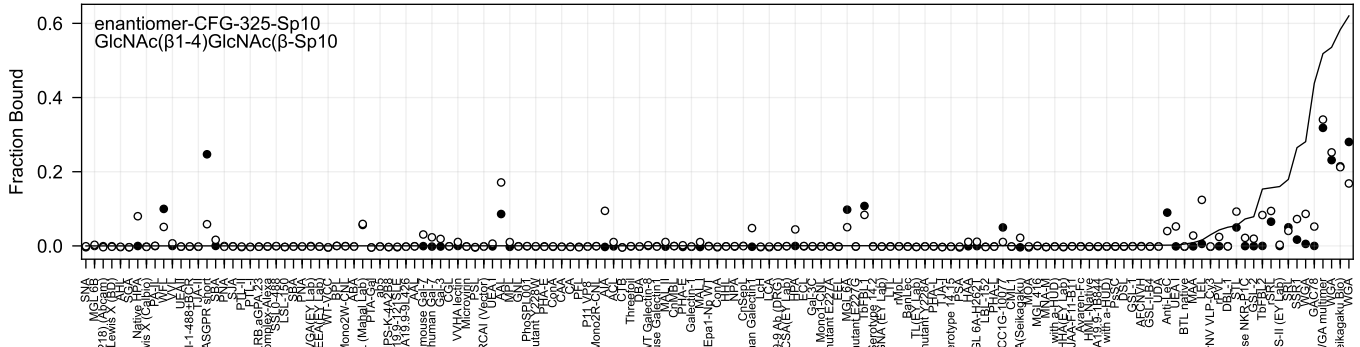

enantiomer-CFG-317-Sp0
Gal(β1-4)GlcNAc(β1-6)Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.0
0.2
0.4
0.6
#15 Sialyl Lewis X (BD)
#14 Sialyl Lewis X (CFG)
Lewis X (BD)
Lewis X (CFG)
Lewis Y (CFG)
Lewis Y (BD)
Lewis B (CFG)
Lewis B (BD)
Lewis A (CFG)
Lewis A (BD)
#8 Lewis B (T218) (CFG)
ME5(detected with α-Fuc)
ME7(detected with α-Fuc)
Epa1-Np mutant E227K
Epa1-Np mutant Y228W
Epa1-Np mutant E227A
Epa1-Np mutant Q229A
Epa1-Np mutant Q229E
WGA(Seikagaku)
WGA multimer

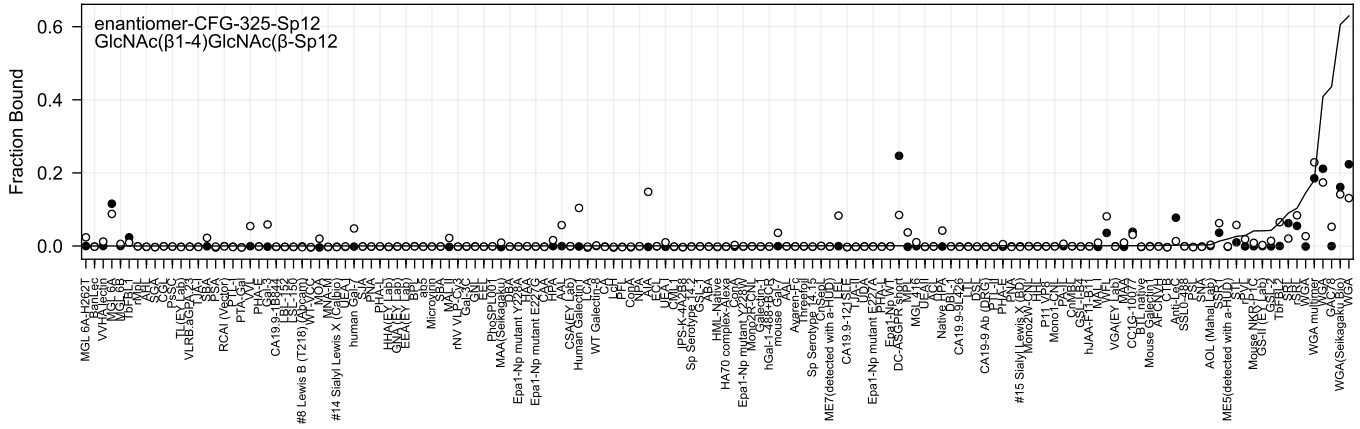

enantiomer-CFG-320-Sp8
GalNAc(β1-3)Gal(β-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
0.4
SNA
SBA
AOL (Mahal Lab)
Micro (Lab)
Gal3
WGA mutant
TJA-I
EEA(EY Labs)
TJA-II
WGA(Seikagaku)
PNA
PTA
PTA-Gal
Naive HPA
HPA(EY Labs)
WGA
Epa1-Np mutant (Y229V)
Epa1-Np mutant (Y229F)
phosPC (Lab)
CA19-9 Ab (ORG)
#14 Sialyl Lewis X (Calbio)
Gal-1 (Lab)
#15 Sialyl Lewis X (Calbio)
HMT Naive
STL (Vector)
SSL-7 (Lab)
LSL-188
LSL-A1
MOA
MOA
PHA-L
PHA-E
hJAA-F11 (Lab)
GSL-2
MGL
PA
P11 VP8
UEA1
DSL
Gal-3C
Human Galectin-1
CTB
CTB
WGA
ACL
ACL
Mouse Galectin-1
LCA
GSL-B4
CA19-9 (Lab)
Mouse NK-1 (Lab)
PHA-L
rSBL
ECL
Sp Serotype 12
Epa1-Np mutant (Y229F)
Sp Serotype 14
GSL-I-A4
SJA
Avr9275
Epa1-Np mutant (Y229L)
HA70 complex-Alexa
VLRB.a GP-3
#8 Lewis B (T218) (Abcam)
PHA-L
PHA-E
IPS-K-4-2D8
SBA
SBA
Epa1-Np mutant (Y229D)
TL(EY Labs)
Threonin
WT Galectin-3
GSL-I
UDA
human Galectin-7
MAA (Vector)
CA19-9-PE (Lab)
SJA
GNA (EY Labs)
UEA1
Lab
Lab
CAA
RCAI (Vector)
CA19-9-121
SLE
SNA
WGA
Mono2W
GSL-I (Lab)
VGA(EY Labs)
Banlec
MVA
TbPEP
BTL
BTL naive
PNA
Con A
ME7(detected with a-HUD)
mouse CEC
ME5(detected with a-HUD)
Anti-LAU
Anti-LAU
Mono2W-FBSC
CrSGE
Mono1-C-C3
pAb-C-C3
CSA-1
MGL Lab
MP
Lectin
VVHA
Lectin
AIA
AIA
Mono1
CC1G-10-07
WFL
WFL
MGL 6A-H-2B2
MGL 6A
DC-ASGPR
SBA
MGL 6A

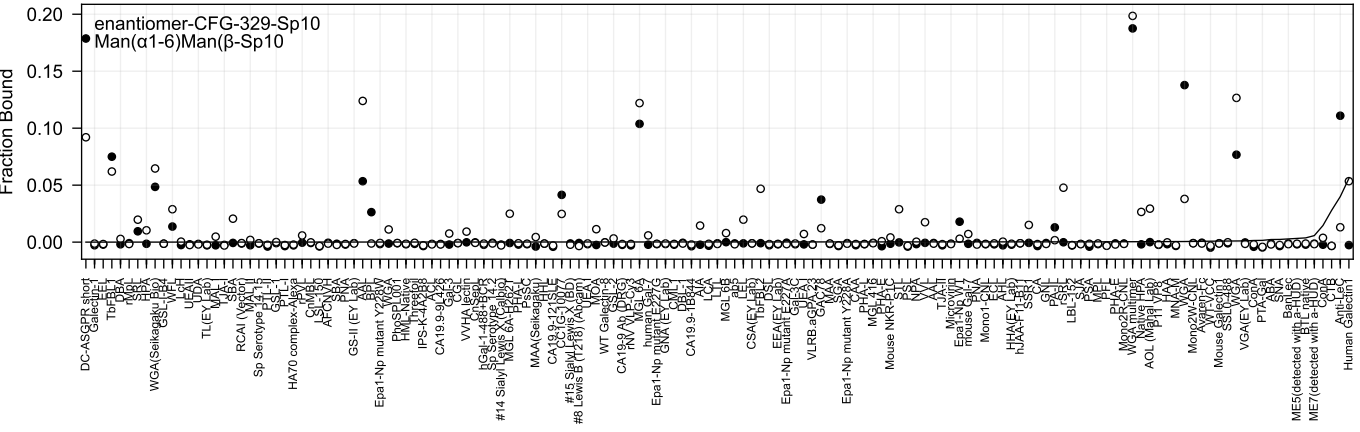

enantiomer-CFG-321-Sp8
GlcA(β1-3)GlcNAc(β-Sp8
Fraction Bound
0.3
0.2
0.1
0.0
MGL 6A-H2627
MGL 6A-H2627
MNA-M
MNA-M
MOA
MOA
LDA
LDA
TL(EY Lab)
TL(EY Lab)
LA-1
LA-1
WGA(Seikagaku)
WGA(Seikagaku)
Bor
Bor
SJL
SJL
PNA
PNA
LSL-1
LSL-1
LSL-1 B6
LSL-1 B6
rNV VP-Cy3
rNV VP-Cy3
BS-A
BS-A
AV-CYO
AV-CYO
PHA-E
PHA-E
Native VSA
Native VSA
ABA
ABA
Mono2W ABA
Mono2W ABA
BPL
BPL
mouse Gal-7
mouse Gal-7
human Gal-3
human Gal-3
GSII (EY Lab)
GSII (EY Lab)
EEA (EY Lab)
EEA (EY Lab)
Anti-Tn
Anti-Tn
VVHA
VVHA
WGA (Wimer)
WGA (Wimer)
HHA(Ito Lab)
HHA(Ito Lab)
DBL-1
DBL-1
CC1G-1004
CC1G-1004
SBA
SBA
GNA (EY Lab)
GNA (EY Lab)
TPS-A (EY Lab)
TPS-A (EY Lab)
MAH
MAH
PHA-L
PHA-L
Mono3B CON
Mono3B CON
PhoSP-LDN
PhoSP-LDN
LCA
LCA
Mouse NKR
Mouse NKR
BCT
BCT
human gal
human gal
Galectin-3
Galectin-3
MAA(Seikagaku)
MAA(Seikagaku)
BTB
BTB
VGA
VGA
Epa1-Np mutant E227G
Epa1-Np mutant E227G
Human Galectin-1
Human Galectin-1
ECL
ECL
GRA
GRA
Epa1-Np mutant E227A
Epa1-Np mutant E227A
Avarol-Fc
Avarol-Fc
AOL (Mahal Lab)
AOL (Mahal Lab)
MXA
MXA
MAL
MAL
#8 Lewis B (T218) (Alvarez Lab)
#8 Lewis B (T218) (Alvarez Lab)
NPA
NPA
LEL
LEL
LCA
LCA
GSL I-B4
GSL I-B4
CAA
CAA
#15 Sialyl Lewis X (Alvarez Lab)
#15 Sialyl Lewis X (Alvarez Lab)
NGA (Ito Lab)
NGA (Ito Lab)
TJA-I
TJA-I
TJA-II
TJA-II
DSL
DSL
GNL
GNL
DC-ASGPR short
DC-ASGPR short
GRFT
GRFT
Epa1-Np mutant Y228V
Epa1-Np mutant Y228V
WT Galectin-3
WT Galectin-3
hJAA-FH
hJAA-FH
BS-1
BS-1
CA19.9-IgG4
CA19.9-IgG4
FAV
FAV
HA70 complex-Alexa
HA70 complex-Alexa
CGL
CGL
#14 Sialyl Lewis X (Calle Lab)
#14 Sialyl Lewis X (Calle Lab)
VSA (EY Lab)
VSA (EY Lab)
HMC-Cy3
HMC-Cy3
DrFBL-1
DrFBL-1
SBA
SBA
Sp Serotype 14-2
Sp Serotype 14-2
BP
BP
Epa1-Np mutant Y228A
Epa1-Np mutant Y228A
MEL
MEL
Sp Serotype 14-15
Sp Serotype 14-15
MGSB
MGSB
CA19-9 Ab (HEK)
CA19-9 Ab (HEK)
CA19-9-IgG
CA19-9-IgG
MEL
MEL
HPA
HPA
pTCA
pTCA
hGal-1-488+BCR
hGal-1-488+BCR
BanLec
BanLec
PHL
PHL
GSS
GSS
SSSL
SSSL
VGA(EY Lab)
VGA(EY Lab)
RCA (Vector)
RCA (Vector)
CA19-9-Fc SLE
CA19-9-Fc SLE
VLRB.a GAC78
VLRB.a GAC78
Mouse Galectin1
Mouse Galectin1
Microvirin
Microvirin
Eme Galectin
Eme Galectin
BTL
BTL
CNA
CNA
PCDA
PCDA
SSL (L488)
SSL (L488)
Cyt VP8
Cyt VP8
ME7(detected with a-hUD)
ME7(detected with a-hUD)
ME5(detected with a-hUD)
ME5(detected with a-hUD)
Anti-LeC
Anti-LeC

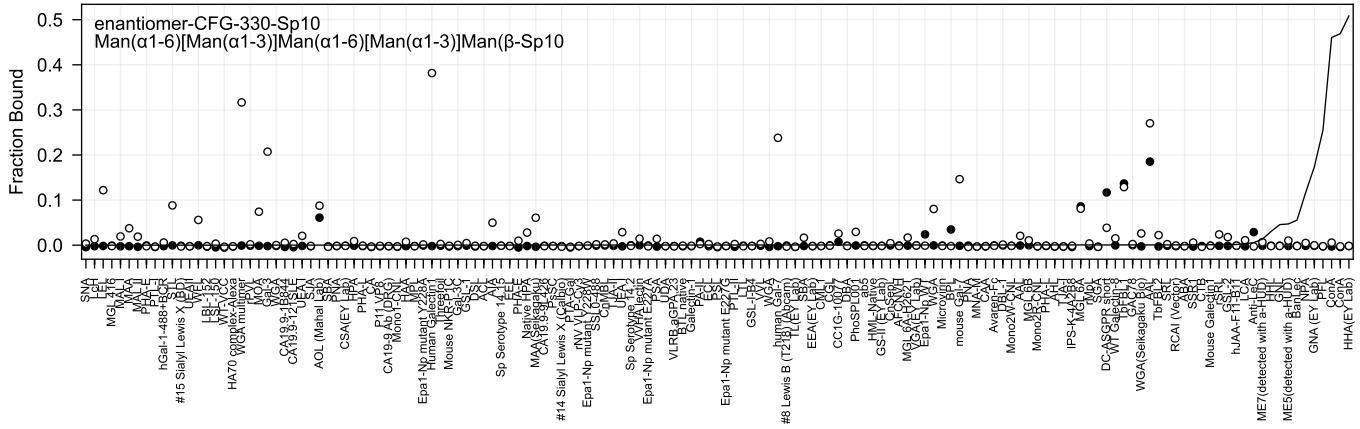

enantiomer-CFG-322-Sp12
Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp12
Fraction Bound
0.0
0.1
0.2
0.3
0.4
hJAA-F11-B11
SBA
PNA
SSA
SBA
VGA(EY Lab)
PTA-A24
EEA(EY Lab)
PTA-A31
BTA-A34
LBL-I-123
MAA
MOA
GS-II (EY Lab)
WGA-2W-CNL
WGA-2W-CNL
MSL-68
Gal-3
Arthrobacter
cA19.9-1
BP
CA19.9-2-A
LBL-II-12
PA-I
WT
WT
UEA-I
Native HPA
ME7(detected with gp-23)
HA70 complex-Alexa
Epa1-Np mutant Y228V
VGA
PhoSP LD-1
Thy-1
WT Galectin-1
HMI-Native
Epa1-Np
PFL
UEA-I
Human Galectin-1
Anti-Leb
MGL-2-16
DBA
DBA
HAA
#8 Lewis B (T218) (Abcam Lab)
CSA(EY Lab)
Sp Serotonin-123
Mouse Galectin-1
MAA(Seikagaku)
MGL-63
SSL-1
CA19-9-V-H
GCA-28
GCA-28
CA19-9 Ab (DRG)
Epa1-Np mutant Y228A
Cnsl89
MGL 64-1
LTBP-1
hGal-1-488-BCF
AVA
MAL-I
WGA(Seikagaku Bio)
#14 Sialyl Lewis X (Abcam Lab)
HPA
Epa1-Np mutant E227A
ACL
Galectin-3
Mucorvin
rNV VLP-C-C3
Mono2R-CFL
AOL (Matial Lab)
UEA-I
UEA-I
WGA
PNA
PNA
#15 Sialyl Lewis X (Abcam Lab)
P-1-L
Epa1-Np mutant Y228S
Sp Serotonin-123
Epa1-Np mutant E227S
ECL
Bauhinia
Bauhinia
Mouse NKG2D-Fc
human Gal-7
HA-1
PHA-L
NPA
NPA
VVHA lectin
DSL
SSL-28
MAA-488
aub
STL
BTL (Bacillus Lectin)
DBL-1
ME5(detected with gp-0007)
DC-SIGNR short
CHA(EY Lab)
PHA(EY Lab)
SSA
ABA
ABA
WT-VCC
WT-VCC
RCAI (VectorLab)
APN
CGB
CGB
SBT
SBT
WGA
TL(EY Lab)
CAA
CAA
CoCA
CoCA
SNA

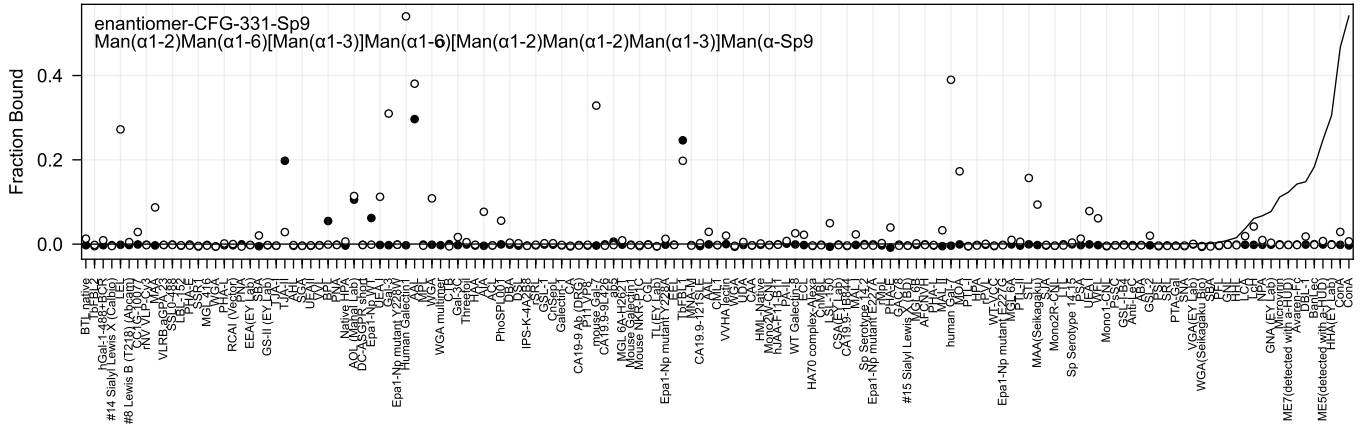

enantiomer-CFG-324-Sp10
GlcNAc(β1-3)Man(-Sp10
Fraction Bound
0.15
0.10
0.05
0.00
SNA
GalA
CGL
VVHA-Man
HA70 complex-Man
SJA
Native PFA
WGA(Sialic acid)
CA19-9-Hex
PNA
ACL
TJA-I
SAL
PSA
PSL
PTL-I
PWM
IPS-K-A2B8
AOL (Malbranqui)
Epa1-Np 271
Epa1-Np 271 (WT-Man)
Galectin-8
#14 Sialyl Lewis X (Calbio)
DC-ASGPR
Galectin-1
#15 Sialyl Lewis A (Calbio)
VLEC
WT-WGA
MNA-M
UEA
SBA
PHA-L
HHA(EY Lab)
GS-II (EY Lab)
MAL-II
MGL 6A2B2
Monoclonal
WGA
GSL-I
CTB
SAL
Mono1-CBB
ECL
ECA
DBA
HPA
HAA
MAA
LCA
CON
PHA-E
GNA
GNA (EY Lab)
Epa1-Np mutant Y124
Epa1-Np mutant Y124 (Sp Sialyl type 12 Y15)
MAA(Sekaqaba)
CSA(EY Lab)
CA19.9-Sialyl Lewis a
#8 Lewis B (T218) (Agasan)
Mouse GnSapt
Epa1-Np mutant Y124
CCTG-10077
PTL-II
PhoSpo
Bo1
TM-Native
TILEY Lab)
AgnVH
Agn
ab2
mouse Galectin-1
PNA-T
CA19.9-T8841
hGal-1-488+BCB
LSL-150
PTL-VSA
CAA
CA19-9 Ab (DPG)
Mono-CBB
VGA(EY Lab)
CSL-1
MPL
Mouse NKR
RCA(Vector)
BTL(Vector)
human Gal-7
DBL-1
KCOA
TGFBL1
Asialo-TB
rNVLP-CXX
hJAA-F11-B1
PTX
ME7(detected with a-LUD)
WGA multimer
ME5(detected with Anti-LBC
Human Galectin1)
WGA
SBL
TbFBL1
SSR1

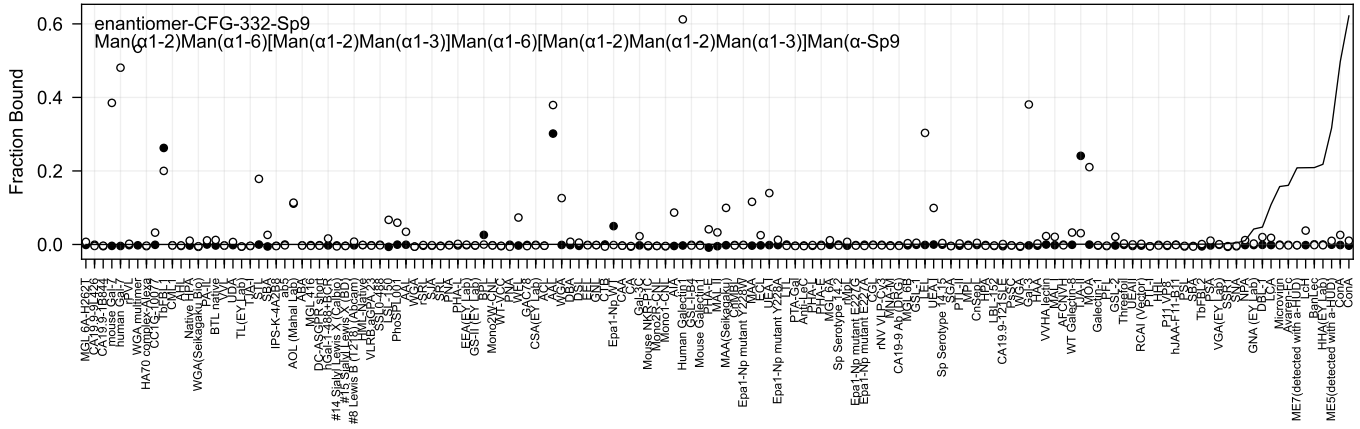

enantiomer-CFG-325-Sp10
GlcNAc(β1-4)GlcNAc(β-Sp10
Fraction Bound
0.6
0.4
0.2
0.0
SNA
MGL-6B
#8 Lewis B (T218) (Vector)
#15 Sialyl Lewis X (Vector)
ABL
SBA
Native SNA
WFL
LEL
#14 Sialyl Lewis X (Calbio)
UEA-I
hGal-1-488-BCH
DC-ASGPR short
SBB
SLA
PTL-I
VLRB.aGFA.23
HA70 complex
BSL-I-488
LSL-I-50
RCA
PNA
VGA(EY Lab)
LEA
WT-Fc
Mono2W-CNL
LBA
AOL (Mabgal)
PHA-Gal
PHA-L
IPS-K-488
CA19.9-488
CA19.9-SLe
ACL
mouse Gal-7
human Gal-7
Gal-3
VVHA lectin
Microvirin
RCAI (Vector)
DEA
MPL
MPI
PhoSPG
Epa1-Np mutant E222W
PZA
ConA
CGA
PFL
P11
Mono2R-CNL
AAL
CTB
Thrombin
WT Galectin-3
Mouse Galectin-3
WGA(EY Lab)
CHAPS
Galectin-1
Epa1-Np WT
CGA
NPA
Human Galectin-1
LCA
CA19.9 Ab (PRG)
CSA(EY Lab)
FBA
ECL
Gp340
Mono3-CNL
Epa1-Np mutant E222A
MGL-6A
Epa1-Np mutant D-FBP-1
Sp Serotype 14
GNA(EY Lab)
Bandeiraea
TL(EY Lab)
Epa1-Np mutant E222K
Sp Serotype 14-1
BSA
MGL 6A-HSA
LBL-152
CC1G-10077
CNL(1)
MAA(Seikagaku)
WGA(EY Lab)
MGL-6A-LC
ME7(detected with a-TLD)
hJAA-F11-811
Heparin-c
CA19.9-1B411
ME5(detected with a-PSD)
BST
AEGN-1
GSL-I-B4
UDA
Ant-LEC
BTL native
MEA
rNV VLP-Cy3
DSL-1
Mouse NKR-P1C
GSL-I-A4
TBP-SBL
GS-II (EY Lab)
SSA
SSBI
GVA
WGA multimer
GNA
WGA(Seikagaku)
LEC
WGA

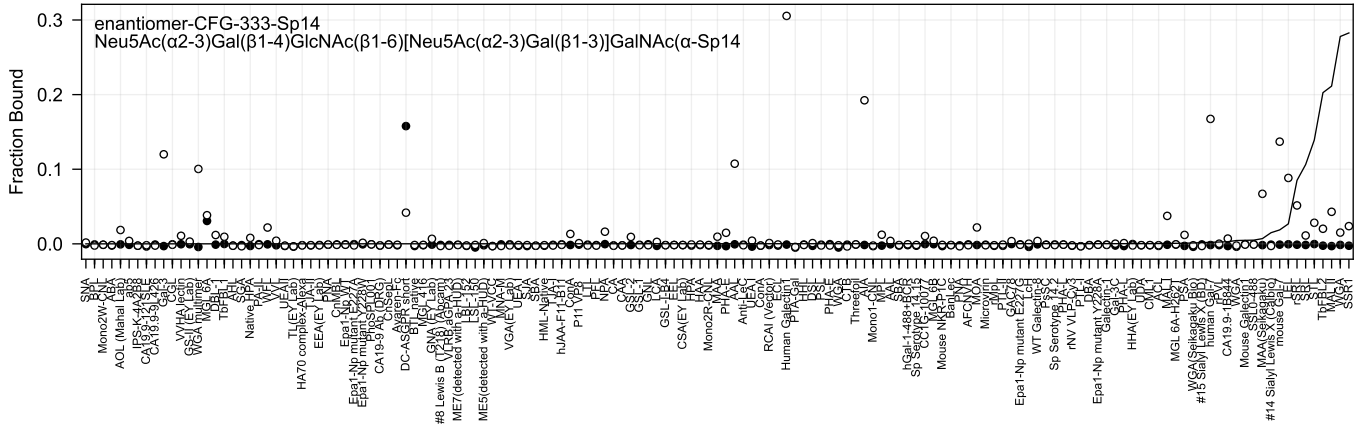

enantiomer-CFG-325-Sp12
GlcNAc(β1-4)GlcNAc(β-Sp12
Fraction Bound
0.6
0.4
0.2
0.0
MGL 6A-H2B2T
Bandeiraea
VVA
MGL 6B
Tb-PLL
ABL
AOL
SSA
PSA
PSL
PSAC
TL (EY Lab)
VLRB.aGAL2
SBA
RCAI (Vector)
PTA
PTA (Lab)
PHA-E
PHA-L
CA19.9-1B
CA19.9-1B42
LEL-152
LEL-1
WTA
WOA
#8 Lewis B (T218) (Arcaya)
MNA-M
WFA
#14 Sialyl Lewis X (Oligo)
human Galectin-7
PNA
PNA
PHA (Lab)
HHA(EY Lab)
GNA (EY Lab)
ECA(EY Lab)
BPL
abs
Micromonospora
SSA
MPA
rNV VP4-1
Galectin-3C
EEL
Rhizopus
MAA(Sigma)
Epa1-Np mutant Y174A
Epa1-Np mutant Y174A
Epa1-Np mutant E272A
HPA
HPA
CSA(EY Lab)
Human Galectin-1
WT Galectin-8
LCA
PFL
CORA
EAA
EAA
UEA1
UEA1
JPS-K-A(Y)B3
JPS-K-A(Y)B3
Sp Serotype 14.2
OAA
ABA
HIM1-Native
HA70 complex
Epa1-Np mutant K264N
Epa1-Np mutant K264N
hGal-1-Cys2Ser
mouse Galectin-7
Avarem-
Threefoil
Sp Serotype 3
ME7(detected with a-PODD)
CA19.9-121
SLE
TJA
UDA
Epa1-Np mutant E272A
Epa1-Np WT
DC-ASGPR
MGL-418
UEA1
Native PPA
CA19.9-SL2b
DSL
CA19-9 Ab (PRG)
PHA-E
PHA-L
#15 Sialyl Lewis X (EAN)
Mono20 (PNL)
VBS
P11
Mono1 (PNL)
ConMBL
hJAA-GP1-B1
MAH
VGA(EY Lab)
CC1G-1 (MA)
BTL native
Mouse Galectin-1
CTB
Anti-Gb3
SSLL-188
FSA
AOL (Mahal Lab)
ME5(detected with a-PODD)
SVT
Mouse NKR-P1C
GS-II (EY Lab)
TdFBP
WGA mutant
WGA
WGA
WGA(Seikagaku)
BLO
WGA

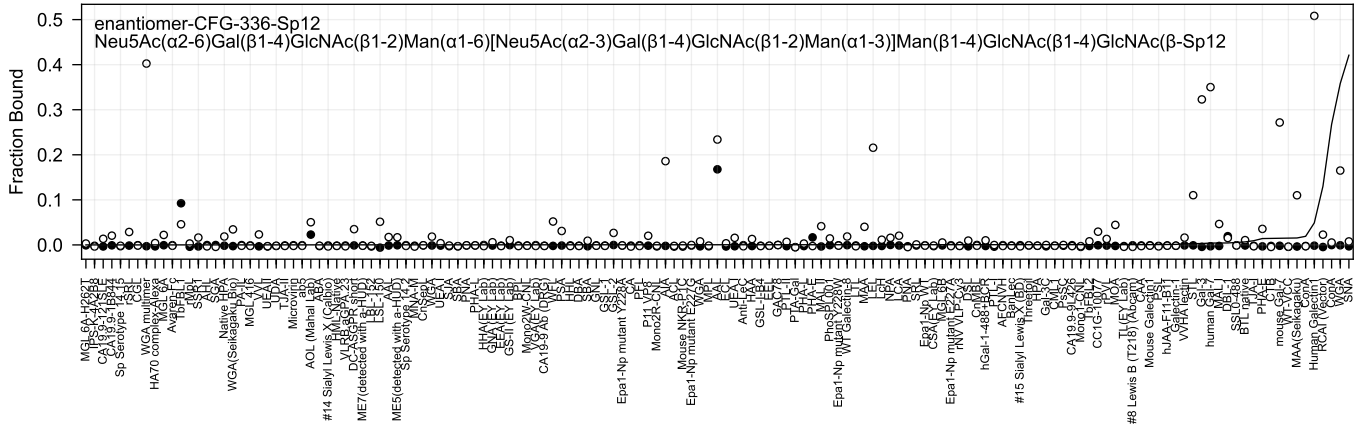

enantiomer-CFG-329-Sp10
Man(α1-6)Man(β-Sp10
Fraction Bound
0.20
0.15
0.10
0.05
0.00
DC-ASGPR (human)
Galectin-7
Tbr-PEL
DBA
MAL
BPA
WGA(Seikagaku)
GSL-I B4
WFL
UEA-I
UDA
TL(EY Lab)
MAL I
SBA
RCA I (Vector)
Sp Serotype 14-1
GSL-I A4
PHL
HA70 complex-PKV
CrmB
Jacalin
APOLLON
PNA
GS-II (EY Lab)
BPL
Epa1-Np mutant Y223A
PNA
PhaseolinL
Tritrolin
iPS-K-4A
ABP
CA19.9-9-126
GSL
VVHA lectin
hGal-1-488-PCB
Tp Serotype 14-1
MGL 6A (Vector)
PSA
PsSC
MAA(Seikagaku)
CA19.9-121-SLE
#15 Sialyl Lewis X (BD)
#14 Sialyl Lewis A (BD)
#8 Lewis B (1218) (Abcam)
MOA
WT Galectin-3
CA19.9 Ab (DRG)
INV Ab (DRG)
MGL 4A
human Galectin-7
Epa1-Np mutant Y223A
GNA (EY Lab)
PDL-1
CA19.9-1B78
LCA
LCA
MGL 1A6
ABP
CSA(EY Lab)
Tbr-PEL
EEA(EY Lab)
Epa1-Np mutant Y223A
VLRB.aGAC
UEA-I
GAC
VLRB.aGAC8
MAA
Epa1-Np mutant Y223A
PHA-L
MGL 4A
MGL 4A
Mouse NKR-P1C
BSL
NPA
AAL
TJA-II
Microvillin
Epa1-Np WT
mouse GNA
Mono1-CBL
AHL
HHA(EY Lab)
hJAX(EY Lab)
SSA
GNA
FAP
SSL
LBL-32
BPA
BPA
MPL
PHA-E
PHA-L
Monoz2KCNE
Wheat germ agglutinin
Native HPA
AOL (Wakame)
PHA
MAA
MAA
WGA
Monoz2WCDE
WFV-VCC
Mouse SSL1-488
WGA
VGA
VGA(EY Lab)
ConA
ConA
PTA
SNA
SNA
ME5(detected with a-HUD)
Bap
ME7(detected with a-HUD)
RTL-1 (HUS)
CGB
Anti-Lec
Human Galectin1

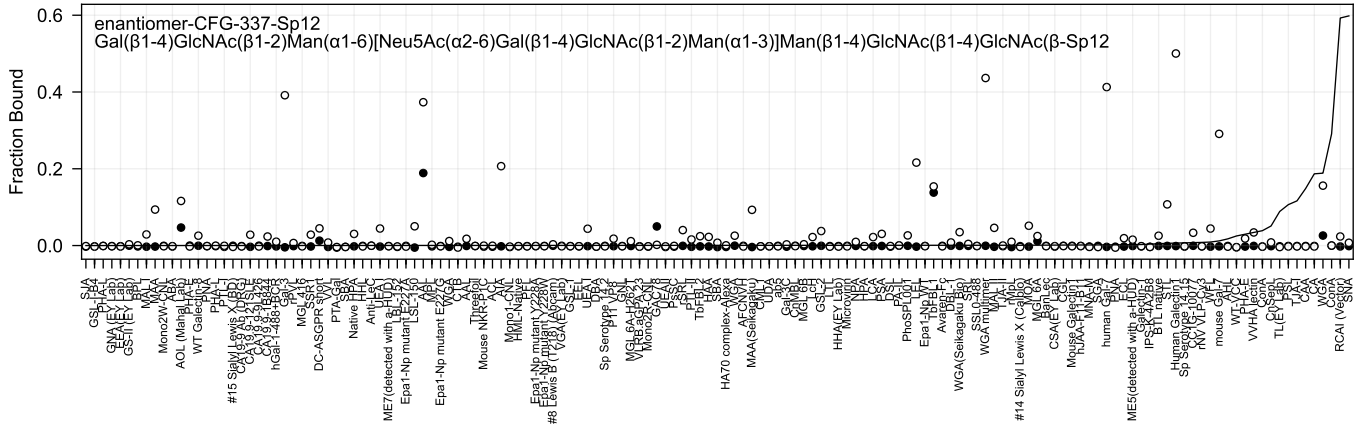

enantiomer-CFG-330-Sp10
Man(α1-6)[Man(α1-3)]Man(α1-6)[Man(α1-3)]Man(β-Sp10
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
SNA
SNA
LEL
MGL
LEL
MAL I
MAL II
PNA
PSA-E
hGal-1-488-FITC
SBA
#15 Sialyl Lewis X (Lab)
UEA I
LBL
LEL
WFL-488
HA70 complex-Alexa
WGA multimer
MOA
VVA
CA19.9-PE
CA19.9-1-PE
CA19.9-2-PE
UEA I
Sch
SBA
AOL (Mahal Lab)
CSA(EY Lab)
PHA-L
PHA-E
CA19-9 Ab (DFG)
P11 (VGC)
Mono1-ONL
MPL
Epa1-Np mutant Y222A
Human Galectin-3A
Threefold
Mouse NK-1
Gal-3C
GSL-I
XCL
XCL
Sp Serotype 14
XCL
Sp Serotype 14-Alexa
PHA-E
Native HPA
MAA(Sekagaku)
PA-IIC
#14 Sialyl Lewis X (Lab)
rNV-VLP-Cy3
Epa1-Np mutant Y222A
SSL-E288
CaMel
UEA I
Sp Serotype 14
Epa1-Np mutant E222A
UDA
VLRB.cGreen
Galectin-1
Galectin-7
Ecl
Epa1-Np mutant E222A
PHA-L
GSL-I-B4
WGA
human Gal-7
SBA
#8 Lewis B (T21) (Lab)
EEA(EY Lab)
SBA
CC1G-1004
DBA
PhoSPLD1
GSL-I-B4
GS-II(Native)
CA(Seq)
MGL(EY Lab)
GSA(EY Lab)
Epa1-Np
WGA
Microvillin
mouse Gal-7
MNA
CAA
Avarol
Bat-17
Mono2W-ONL
MGL
Mono2-BT-ONL
APL
IPS-K-488
MGL
MGA
DC-ASGPR
SIGA
WT Galectin-8
Galectin-8
DRA
WGA(Seikagaku Biol)
TcfBP2
SRL
RCAI (Vector)
ABA
SCRP
Mouse Galectin-1
GSL-I
GSL-I
hJAA-F11
Anti-LC
ME7(detected with a-HDL)
GNL
ME5(detected with a-HDL)
Banlec
NPA
GNA (EY Lab)
PPL
ConA
HHA(EY Lab)

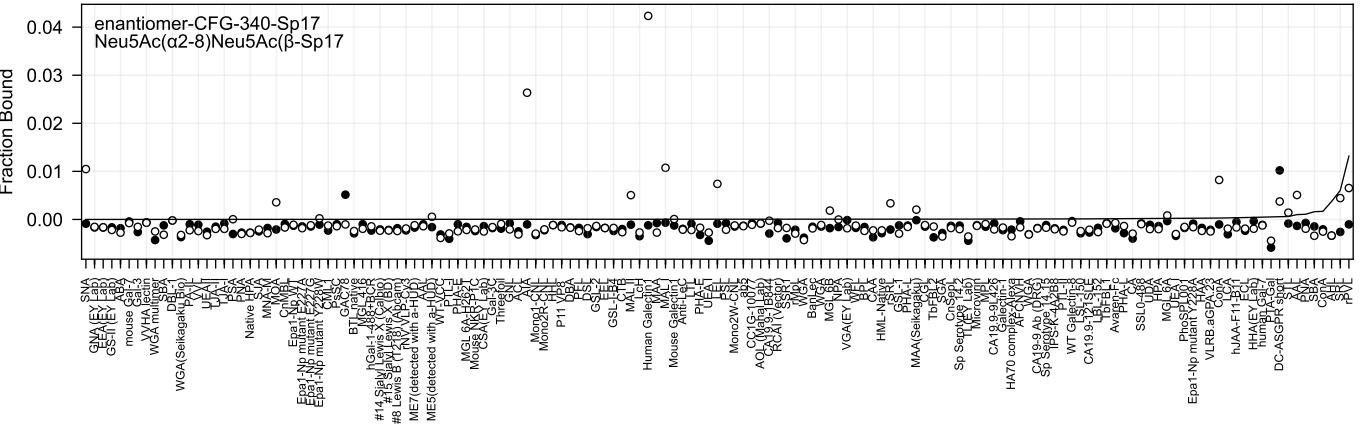

enantiomer-CFG-331-Sp9
Man(α1-2)Man(α1-6)[Man(α1-3)]Man(α1-6)[Man(α1-2)Man(α1-2)Man(α1-3)]Man(α-Sp9
Fraction Bound
0.0
0.2
0.4
BTL
native
TcBBP
hGal-1-488-BCS
#14 Sialyl Lewis X (Cer)
#8 Lewis B (T2/B) (Ac0/Gly)
NV VLP
VLRB.aGPA
SBA
Sialyl-488
PHA-E
PHA-L
MGL 5-10
PWGA
PNA
RCAI (Vector)
EEA(EY
SBA
GS-II (EY Lab)
TJA-I
TJA-II
SNA
UEA-I
BPL
BoNT
Native HA
ACA (Vector lab)
DCA (Vector lab)
Epa1-Np WT
Gal-3
Epa1-Np mutant Y228V
Human Galectin-7
ACL
MEL
WGA
WGA multimer
Gal-1
Gal-3C
Threefoil
HA
AIA
PhoSpl 001
DBA
SJA
IPS-K-4A2BB
GSL-I
GnSepl
Galectin-1
CA19-9 Ab (DRS)
CA19-9 Ab (TOR)
mouse Gal-7
CA19.9-sialyl 426
MGL 6A-H2B1
Mouse NRP-BTC
Mouse NRP-BTC
CGL
TL(EY
Epa1-Np mutant Y228A
TRFEL
TRFEL
CA19.9-12 Ab
MAA-N
CML
VVHA
MOA
OAA
CAA
HMA
Native
MAA-PT-B-H
MAA-PT-B-H
WT Galectin-1
ECL
HA70 complex-CMBP
LSL
LSL-150
CSA(EY Lab)
CA19.9-1B244
VVL-2
Sp Serotype 1
Epa1-Np mutant E227A
PNGase F
PNGase F
CVN
#15 Sialyl Lewis X
ANL
SGL
CTB
MAL-I
MAL II
PTA-I
human XAA
XAA
PTA
PTL
WT E227G
Epa1-Np mutant E227G
MPL
MAA(Seikagaku)
STL
Mono2R-CML
Sp Serotype 14-15
UEA-I
WFL
Mono1 PsSL
GSL-I-B4
Amaranthin
ABA
GSL
SSL
PTA
SVA
VGA(EY Lab)
WGA(Seikagaku)
SBA
GNL
TEL
TCA
TSA
GNA (EY Lab)
NPA
ME7(detected with a-Man)
McrQ(D)
Avaren-PC
BDL-I
ME5(detected with a-Man)
HHA(EY Lab)
ConA
ConA

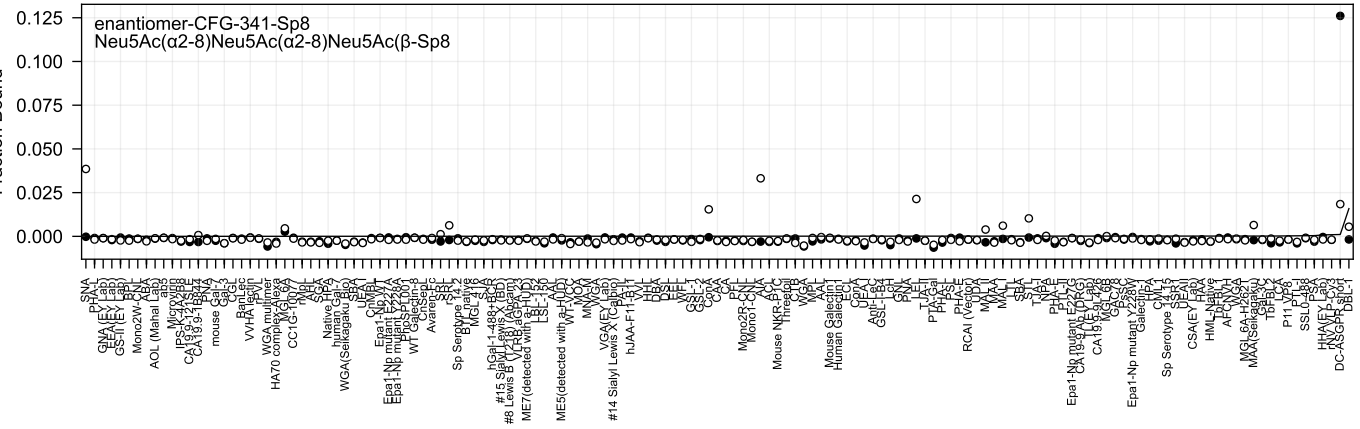

enantiomer-CFG-332-Sp9
Man(α1-2)Man(α1-6)[Man(α1-2)Man(α1-3)]Man(α1-6)[Man(α1-2)Man(α1-2)Man(α1-3)]Man(α-Sp9
Fraction Bound
0.6
0.4
0.2
0.0
MGL 6A-I (H267)
CA19.9-1 (C326)
CA19.9-1 (B44)
mouse Gal-7
human Gal-7
WGA multivalent
HA70 complex (A/Hong Kong/68)
CCL19 (EY Lab)
TnBP-1
CML-1
Native PNA
WGA(Seikagaku)
BTL native
UDA
TL(EY Lab)
STL
SSL-1
IPS-K-4A2B8
AOL (Mahal Lab)
ABA
DC-ASGPR-1
#14 Sialyl Lewis X (BD)
#15 Sialyl Lewis X (BD)
#8 Lewis B (12-126)
Gal-1-488-BCR
Gal-1-488-Ctrl
Lewis X (BD)
VLRB.aGPA.23
SSL-188
SSL-189
PhoSPL001
WGA
PSA
SSA
SBA
PNA
EE-A(EY Lab)
GSII (EY Lab)
BPL
Momordin
WT PNA
PNA
GAC78
CSA(EY Lab)
GAL
AAL
VVA
DBA
DSL
SSL
GSL-I
Epa1-Np WT
CCA
Gal-3C
Mouse Nov3 FRC
Mouse Nov3 CNL
Mono1-CNL
Human Galectin-1
GSL-I B4
BPA-E
ALL-I
MAA(Seikagaku)
Epa1-Np mutant Y228A
Epa1-Np mutant Y228A
UEA-I
ECL
Epa1-Np mutant Y228A
PTA-Gal
Anti-Leg
Anti-Leg
PTA-E
MGL 1-2
Sp Serotype 14-3
Epa1-Np mutant E227A
Epa1-Np mutant E227A
CCL
rNV VP1 (Mahal Lab)
CA19-9 Ab (Mahal Lab)
MNA-M
GSL-I
UEA-I
Sp Serotype 14-3
PTA-H
CnSL
CnSL-I
LBL
CA19.9-1(TSCE)
VVSX
Gal-3
VVHA (Mahal Lab)
AFL(Mahal Lab)
WT Galectin-8
MOA
Galectin-7
GSL-2
Thyroglobulin
HHL
RCAI (Vector)
PJ1 (Vector)
hJAA-F11 (Vector)
BSL
TxLC
SBA
VGA(EY Lab)
SSA
PSA
GNA (EY Lab)
DSA
ECA
Microvicin
BoaCH
BoaLCH
HHA(EY Lab)
ME7(detected with a-PI(DD))
ME5(detected with a-PI(DD))
ConA

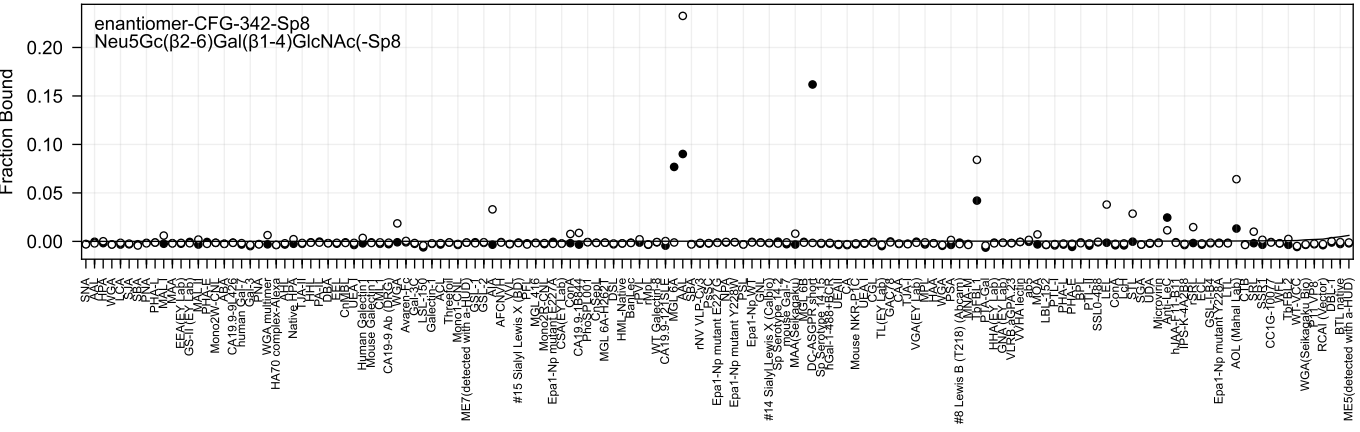

enantiomer-CFG-333-Sp14
Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-6)[Neu5Ac(α2-3)Gal(β1-3)]GalNAc(α-Sp14
Fraction Bound
0.3
0.2
0.1
0.0
SIA
SIA
Mono2W-CNL
AOL (Mahal Lab)
IPS-K-4A
CA19.9-125
CA19.9-Gal-F3
CGL
VVHA (Lab)
GSL-I (EY Lab)
WGA (Wang Lab)
TDB-1
ABL
SIA
Native-PAA
WT
TL (EY Lab)
HA70 complex-AleX
EEA(EY Lab)
Epa1-Np WT
Epa1-Np mutant Y226A
PROSTATE
CA19-9 Ab (Scripps)
DC-ASGPR-Fc
BT1 naive
#8 Lewis B (Y218) (Abram)
ME7(detected with α-FUD)
ME5(detected with α-FUD)
VGA(EY Lab)
SIA
HML-N
hJAA-F11-N
P11-VP8
PEL
NCA
CAA
GSL-1
GNL
GSL-I B4
CSA(EY Lab)
PNA
Mono2R-CNL
PNAE
PNA
Ant-UEA1
RCAI (Vector)
Human Galectin-1
HPA
PSL
PWGE
CTB
Threo(W)
Mono1-CNL
ABL
hGal-1-488+SIA
Sp Serotype 14-13
CCL-1 (Wang Lab)
Mouse NKG2D-Fc
Eel-BNA
AFCNA
Microvirin
PVR
Epa1-Np mutant Y226A
WT Galectin-3
Sp Serotype 14-2
rNV VLP-A3
Epa1-Np mutant Y226A
Gal-3C1
SPA
HHA(EY Lab)
DBA
CAA
MGL 6A-MAL
BSA
WGA (Seikagaku) (Bio)
#13 Sialyl Lewis X (Bio)
human Gal-7
CA19.9 - IB244
WGA
Mouse Galectin-188
SSL10-188
MAA (Seikagaku)
#14 Sialyl Lewis X (Seikagaku)
mouse Gal-7
SIA
SIA
SIA
SIA
TxB-1
WGA
WGA
SSR1

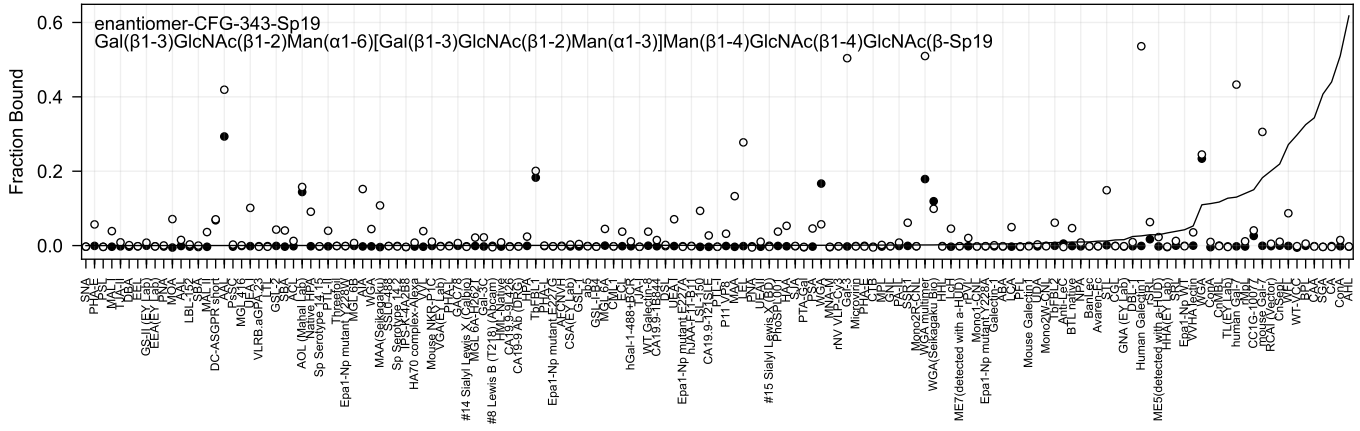

enantiomer-CFG-336-Sp12
Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp12
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
MGL-64 H2987
TF-Sp CA1394
CA19-9 1116NS
Sp Serotype 14-15
CSL
WGA mutimer
HA70 complex
MGL-6X
Avidin
TD-1
SBL
Native WGA
WGA(Seikagaku, Bio)
MGL-2 1-16
VVL
UEA-I
TJA-I
Microvirin
abo
AOL (Mahal. Lab)
#14 Sialyl Lewis X) (Calbio)
VVL-B
DC-SIGNR s(pc)
ME7(detected with a-HOD)
LBL-1B2
LSL-A2
ME5(detected with a-HOD)
Sp Serotype
KMA-M
CNL
UEA-I
SBA
PNA
PWM
BYL
CHA(EY Lab)
CEA(EY Lab)
GSII (EY Lab)
Mono2W-CNL
CA19-9 AE (Lab)
VVL
LEA
DBA
SNA
GSL-I
Epa1-Np mutant Y229A
PCL
P1A
Mono2K-UEA
AIA
Mouse NK8-PCL
Epa1-Np mutant E227G
MPL
EAL
UEA-I
Ani-HA
HA2
GSL-IB4
GAL-8
GAL-3
PTA-Gal
PHA-E
PHA-L
MAL-I
Epa1-Np mutant Phos S220W
Epa1-Np mutant WT Galectin-8
MAA
LEL
NPA
PHA-P
SJA
Epa1-Np mutant CSA E227G
Epa1-Np mutant N229A
Epa1-Np mutant INNVLFCK3
Cnn
MSL
hGal-1-488-PCL
AECNVI
Threo(pc)
Gal-3C
CML-1
Gal-3
CA19-9-0-326
Mono-EPL
CC1G-1007
MOA
TL (EY Lab)
#8 Lewis B (T218) (Vector Lab)
Mouse Galectin-1
CAA
hJAA-F11-B11
Galectin-1
VVA
VVA lectin
Gal-1
Gal-7
human Gal-7
DSL-1
SSL-1B8
BTL-1
IPA
PCL
CCE
mouse Gal-C
Gal-C
MAA(Seikagaku)
Human Galectin-7
ConA
RCA(Vector)
WGA
SNA

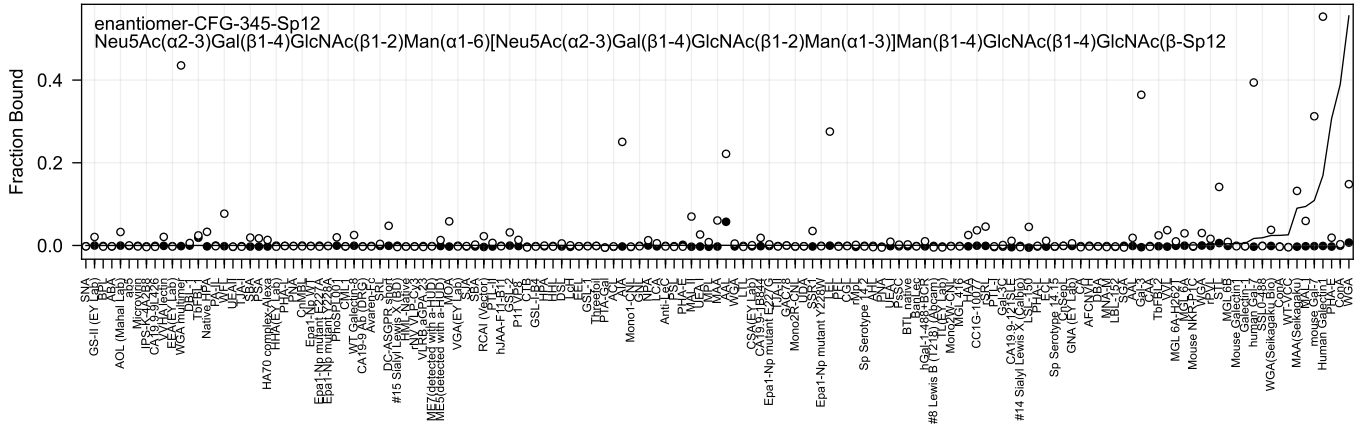

enantiomer-CFG-337-Sp12
Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp12
Fraction Bound
0.6
0.4
0.2
0.0
SIA
GSL-I (EY Lab)
PHA-L
GNA (EY Lab)
EEA (EY Lab)
GS-II (EY Lab)
MAL I
Mono2W
CNL
AOL (Mahal Lab)
ABA
PHA-E
WT Galectin-3
PNA
PHA-L
#15 Sialyl Lewis X (BD)
CA19-9 (DSHB)
CA19-9 (Abcam)
CA19-9 (Ab-Bio)
hGal-1 (Ab-Bio)
Galectin-1
Galectin-3
MGL 4-16
Galectin-7
DC-ASGPR
SSA
VVL
PTA
sSIA
Native HPA
Anti-LC
ME7(detected with a-HUD)
Bp-12
Epa1-Np mutant LST-12
AAL
Epa1-Np mutant E227G
CTB
Tim
Mouse NKR-P1C
ACA
Mono1-CNL
HMM-Neo
BPL
Epa1-Np mutant Y228A
Epa1-Np mutant Y228F
#8 Lewis B (TF-B) (Abcam)
#8 Lewis B (TF-B) (VGA/CSLEX)
UEA I
LEL
DBA
Sp Serpin
VFA
Vsa
GSL
MGL 6A-HSA
TEL-6A-HSA
Mono2-CNL
CEAM
FSL
FSS
TF-1
TdT-1
EAA
SBA
HA70 complex-AKA
WGA
AFG
MAA(Seikagaku)
CVN
a08
Calnex
MGL BB
GSL-I
HHA(EY Lab)
Microvirin
NPA
PSA
RCA
DSL
PNA
PhoSL-Fc
Epa1-Np
TEL
Epa1-Np TdT-1
Avenin
WGA(Seikagaku Bio)
SSLn-Sa8
WGA mutant
VAC-II
#14 Sialyl Lewis X (Abcam)
MOA
Man-Lec
CSA(EY Lab)
Mouse Galectin-1
HJAA-1
MNA-M
SGA
human Galectin-1
BNA
ME5(detected with a-HUD)
Galectin-2
Galectin-4
IPL-TL Lectin
SNA
Human Galectin-3
Sp Secretin 14-13
KNV 01-02-12
mouse Galectin-1
WFA
mouse Galectin-7
WT-ACE
VVHA lectin
Con A
TL(EY Lab)
TJA
CAA
CGA
WGA
RCA
RCAI (Vector)
SNA

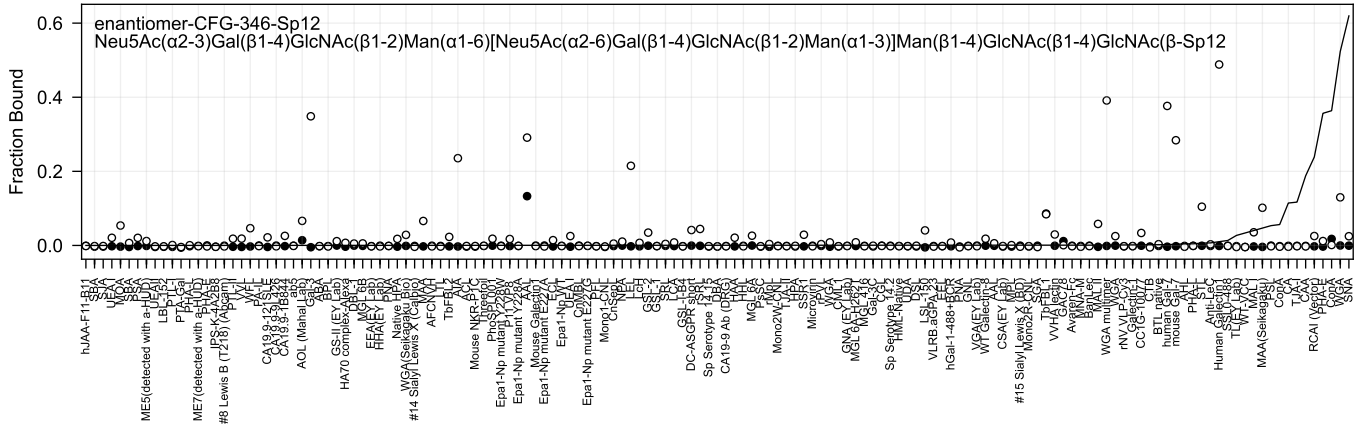

enantiomer-CFG-340-Sp17
Neu5Ac(α2-8)Neu5Ac(β-Sp17
Fraction Bound
0.04
0.03
0.02
0.01
0.00
SNA
SNA (EY Lab)
GNA (EY Lab)
GSII (EY Lab)
ABA
mouse Gal-3
WGA
VVHA lectin
WGA mutant
ABA
DSL-I
DSL-II
WGA(Seikagaku)
PNA
UEA-I
LCA-I
LCA-II
PSA
PSA
PHA
SJA
MAL
MAL-II
CNL
Native PHA
Epa1-Np mutant E227A
Epa1-Np mutant E227Q
Epa1-Np mutant E227Q
CGL1
CGL2
BTL (Gray lab)
#14 Sialyl Lewis x (Y Lab)
hGal-1-488-BCR
#13 Sialyl Lewis x (Y Lab)
#8 Lewis B (Y Lab)
ME7(detected with a-H)
ME5(detected with a-H)
WT-CCL
PHA-E
PHA-L
MGL 64-488-BCR
Mouse Galectin-1
OSA(EY Lab)
Tri-Gal
Gal-1
GNL
ACA
Mono1-CNL
Mono2-CNL
FRIL
PTL
P11
DBA
PSL
PSL-II
GSL-I B4
GSL-I B4
GSL-II
CTB
MOR
MCH
Human Galectin-1
MAL-I
Mouse Galectin-1
Jacalin
PHA-E
PHA-L
UEA-I
BSL
Mono2W-CNL
CCL2
CCL19-10-488
AOL (Marine lectin)
RCA120 (Vector)
RCA/I (Vector)
SNA
WGA
Bauhinia
MGL
MGL(EB)
VGA(EY Lab)
BPL
CAA
HML-Nsure
PSL-1
PSL-2
MAA(Seikagaku)
TbFBP2
SGA
Cons-A
Sp Secretory 1-12
TNF (Mirror Lab)
WIPI
CA19.9-488
Galectin-1
HA70 complex
PE-ANXA
CA19.9 Ab
WGA
CA19.9 Ab
SP Secretory
IPSK-4-488
WT Galectin-8
CA19.9-12-TSLB
LBL-1
LBL-2
Avaglycin
PHA-E
SSL-1-488
HPA
MGL
MGL(EB)
PhoSL(Dol)
Epa1-Np mutant Y226A
VLRB.aGP.23
CocA
hJAA-F11
hJAA-F11 (EY Lab)
HHA
HHA(EY Lab)
human Gal-1
DC-ASGPR short
AAL
SNA
CGL
CGL
SBL
PVL

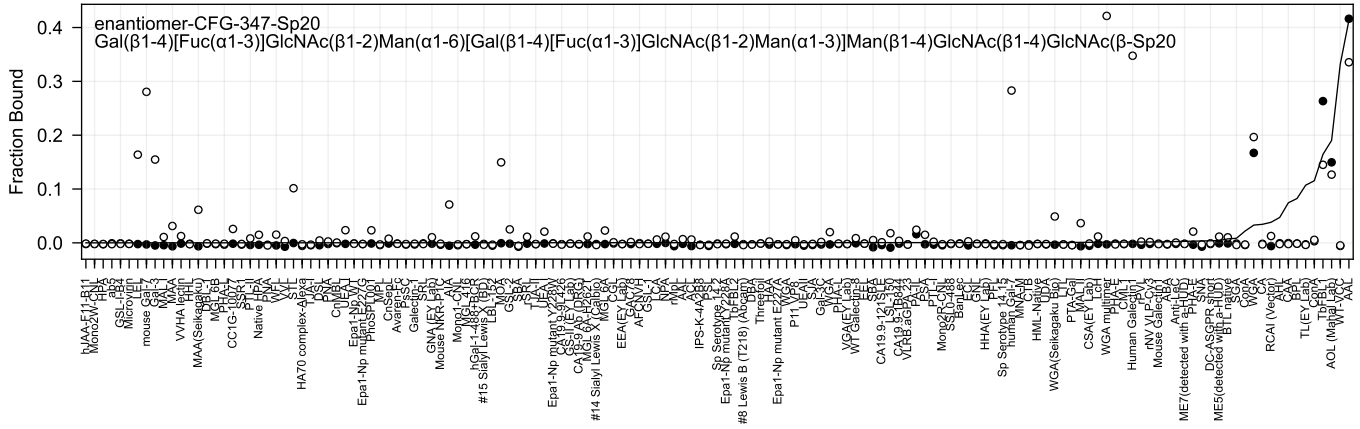

enantiomer-CFG-341-Sp8
Neu5Ac(α2-8)Neu5Ac(α2-8)Neu5Ac(β-Sp8
0.125
0.100
0.075
0.050
0.025
0.000

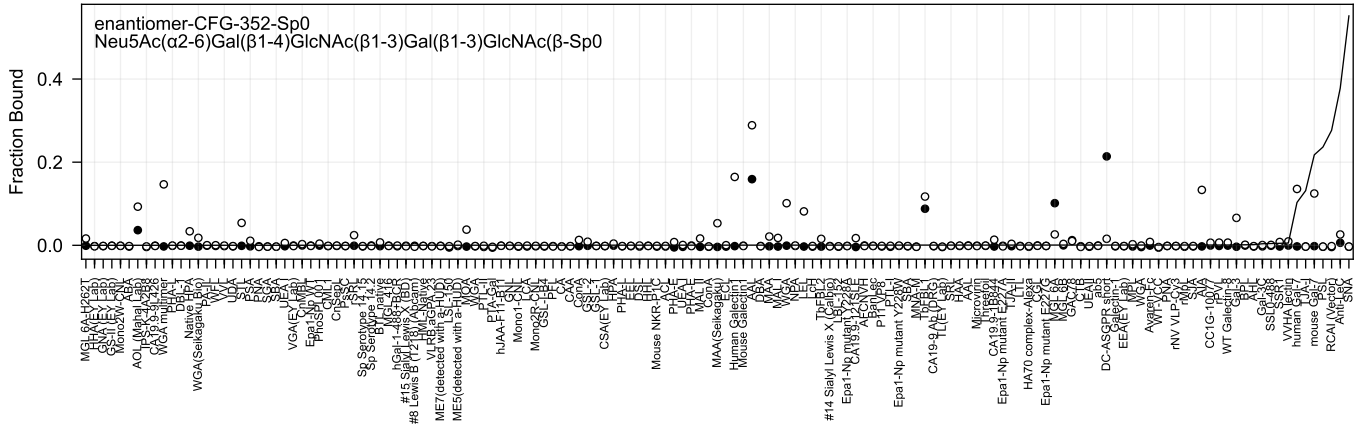

enantiomer-CFG-342-Sp8
Neu5Gc(β2-6)Gal(β1-4)GlcNAc(-Sp8
Fraction Bound
0.20
0.15
0.10
0.05
0.00
SNA
SNA
VVA
WFA
UEA
UCA
SJA
SNA
PNA
RCA(I
MAL I
MAA
PHA-E
PHA-L
EEA(EY Lab)
GS-II(EY Lab)
BPL
Mono2W CNF
CA19-9-Q426
human Gal-3
BNA
WGA mutanten
HA70 complex-lectin
ABA
ABR
Native ABR
JA-II
PALM
PALF
DBA
CnnB
CnnU(EY)
Human Galectin-1
Mouse Galectin-1
CA19-9 Ab (OKG)
WGA
Avarose
Gal-3C
Galectin-3V
ACL
Thy-1
Monoclonal
ME7(detected with a-HUD)
GSL-4
AFCNA
#15 Sialyl Lewis X (BPI)
VGA
MGL-1b
Mouse Galectin-9
Epa1-Np mutant E227A
CSA(EY Lab)
CA19-9-PB447
Thomsen-Friedenreich
CA19-9-PB447
MGL 6A-H26S1
HML-Naive
Bat-VF
Mp5
WT Galectin-9
CA19-9-12(SLE
MGL 6A
MGA
SBA
rNV VLP
Epa1-Np mutant E227A
Epa1-Np mutant Y228N
Epa1-Np(WT
#14 Sialyl Lewis X (Ca-142)
Sp Serotype Gal-1
MAA(Sialic Gal-1)
DC-ASGPR-Fc-GB
Sp Serotype 14-15
Sp Serotype 14-15
RGal-1-488
UEA
CCL
Mouse NKR
UEA
CGL
TL(EY Lab)
GAC(EY Lab)
CAA
VGA(EY Lab)
MAA
MAA
VGA
#8 Lewis B (T218) (Akram)
DBA
DBA
EYA Gal
GNA(EY Lab)
VVA(EY Lab)
VVA(Pearlman)
Mp2
Mp3
LBL-1
PHA-L
PHA-E
PNA
PTL
SSLO-488
CnnA
Sc1
SJA
SJA
Microvirin
Anti-Leg
hAAA-Fc-488
TPS-1-Fc-488
FBS
FBS
GSL-4
Epa1-Np mutant Y228A
AOL (Mahal Lab)
SBA
SBA
Gal-1
CC1G-Fc-671
WFL
WFL
TVA-CC
WGA(Seikagaku) PBS
RCA(I (Vector)
BTL
BTL
ME5(detected with a-HUD)

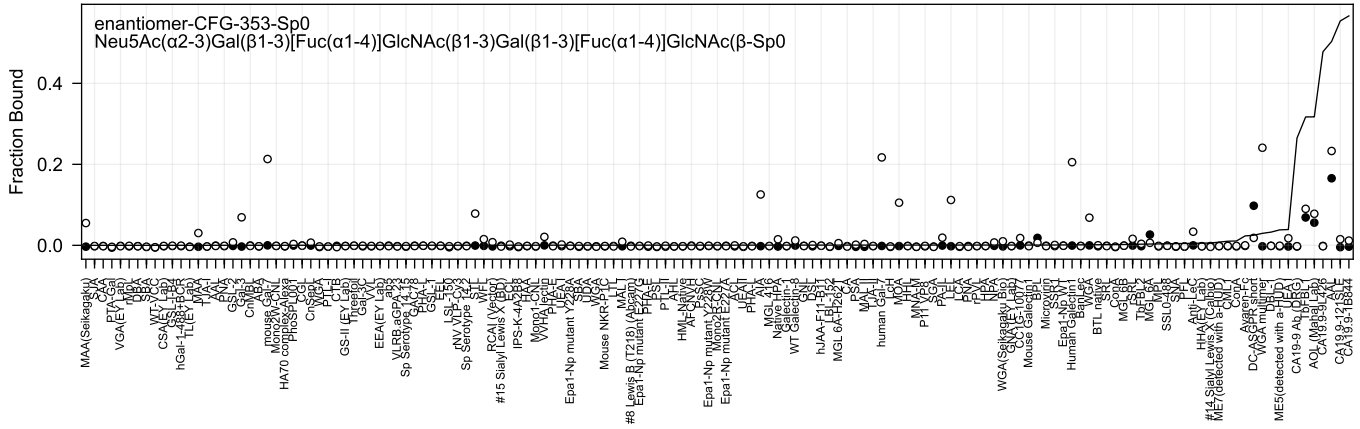

enantiomer-CFG-343-Sp19
Gal(β1-3)GlcNAc(β1-2)Man(α1-6)[Gal(β1-3)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp19
Fraction Bound
0.0
0.2
0.4
0.6
SNA
PhA
PAST
MAL-I
DBA
GSL-I (EY Lab)
EEA(EY Lab)
PNA
MOA
LCA
LBL-2
MPA
MAH
DC-ASGPR short
PSA
MGL-2 (R)
VLRB.aGP-23
GSL-I
SBA
SJA
AOL (Mahal Lab)
Naive 1 (F2)
Sp Serotype 1 (F11)
Epa1-Np mutant (Y228G)
MGL-1
MAA(Seikagaku)
Sp Serotype 1 (F8)
Sp Serotype 1 (F6)
HA70 complex-Alexa
Mouse NKR-P1C
VGA(EY Lab)
#14 Sialyl Lewis X (Calbiochem)
#8 Lewis B (T2 BW Lab)
CA19.9 Ab (Chemicon)
CA19.9 Ab (Dako)
TKA
BTEL-1
Epa1-Np mutant (F227G)
CSA(EY Lab)
GSL-I-B4
MGL-1
MOMP
ECL
hGal-1-488 (TJAX)
CA19.9-1-488
CA19.9-1-488-2
DSL
Epa1-Np mutant (Y227A)
RJAA-F-T-511
CA19.9-1-SLE
P11-Fab
MAA
PNA
#15 Sialyl Lewis X (EY Lab)
PhoSL (Dot)
TJA
PTA-Gal
WGA
rNV VP1
Gal-3
Mouse CD
CD
GN
SSA
SSA-T
Mono2R-CNL
Mono2W-CNL
WGA(Seikagaku) HRP
HHL
ME7(detected with a-HUD)
Mono1-CNL
Epa1-Np mutant (Y228A)
Galectin-1
ABA
PA
Mouse Galectin-1
Mono2W-CNL
ThPBL-2
AMCV-S
BTL-Hapten
BanLec
Avarol-EEC
SGL
GNA (EY Lab)
Human Galectin-1
ME5(detected with a-HUD)
HHA(EY Lab)
Epa1-Np WT
VVHA (Kida Lab)
CGB
TL(EY Lab)
human Gal-7
CC1G-10014
RCA(Seikagaku)
CNA
WT-VGA
BTA
SGA
CoCA
AHL

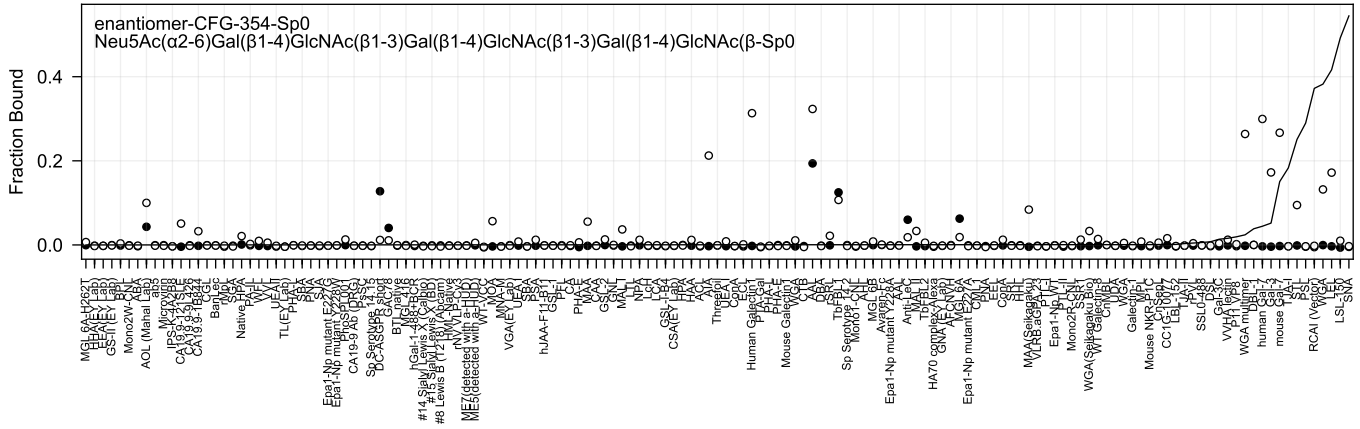

enantiomer-CFG-345-Sp12
Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp12
Fraction Bound
0.0
0.2
0.4
SNA
SNL
BPL
ABA
AOL (Mahal Lab)
aos
MicroA
JPS-K-24-388
CFA/I (Varela)
CFA/I (Varela)
EEA(EY Lab)
WGA(EY Lab)
DBL-1
Tie
Tie
Nattokinase
PAA-F
UEA-I
SBA
GSA
BSA
HA70 complex (Varela)
PNA
PHA-E
PHA-L
CnMBL
Epa1-Np mutant Y228A
Epa1-Np mutant Y228A
PhoSL
CNL
CA19.9 Galectin-3
Avelumab
Avelumab-Fc
DC-ASGPR
SNA
#15 Sialyl Lewis X (BD)
hNV0-Fab-v3
vHH-Fc-Fab-v3
MEZ(detected with a-HDD)
ME5(detected with a-HDD)
VGA(EY Lab)
VGA
SSA
SNA
RCA I (Vector)
hUAA-F11-11
P11
CTB
GSL-I-B4
HPA
HHL
DSL
ECL
SEL
GNL
Thrombomodulin
PNA
Asial
ACA
Mono1
CNL
NEA
ACL
Anti-Lec
PLA
WAL-I
UDA
MAA
vVGA
CSA(EY Lab)
CA19.9 (Abcam)
Epa1-Np mutant E224Q
Epa1-Np mutant E224Q
Mono2
RCA
SSA
Epa1-Np mutant Y228W
PEL
CGL
Sp Serotype 14
Sp Serotype 14
AAL
UEA-I
LEA
BTL
PSL
BTL
Bauhinia
hGal-1-4N
#8 Lewis B (PA-18) (Abcam)
Mono(EY Lab)
MGL 418
CC1G-10A9
SRL
PTL
Gal-3C
CA19.9 X (2-15LE)
#14 Sialyl Lewis X (2-15LE)
Sp Serotype 14-15
Sp Serotype 14-15
PNA
FECT
GNA (EY Lab)
AFCNA
DBA
LBL-1
MIL-1
SJA
Gal-1
Gal-3
TbFBP2
MGL 6A-H-2KT
MGL 6A
Mouse NKR-P1C
PSL
PSL
MGL 5B
Mouse Galectin-1
Mouse Galectin-1
human Gal-1
human Gal-1
WGA(Seikagaku) LB8
WTA
CoPA
MAA(Seikagaku)
WAL-I
mouse Galectin-1
Human Galectin-1
PCA
PCL
WGA

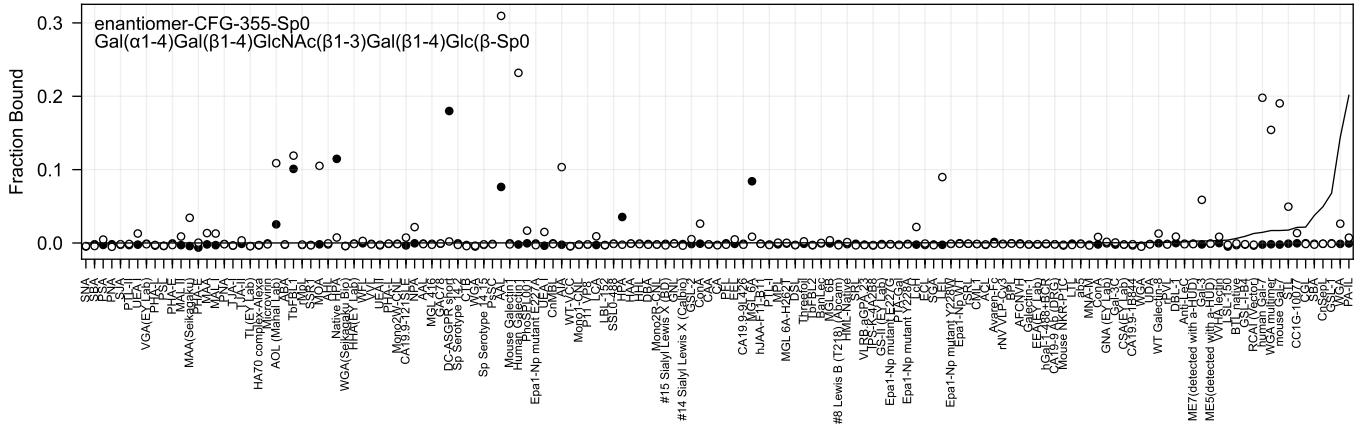

enantiomer-CFG-346-Sp12
Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp12
Fraction Bound
0.0
0.2
0.4
0.6
hJAA-F11 B11
SBA
SJA
UEA
WGA
ME5(detected with a-HUD)
SBA
LBL-1262
LBL-1263
PTL-1
PTL-2
ME7(detected with a-HUD)
PTL-1
PTL-2
#8 Lewis B (TZ18) (Alpha)
JPS-K-1A2B8
JPS-K-1A2B8
VVL
PALL
CA19.9-12
CA19.9-325
CA19.9-1B44
CA19.9-1B44
AOL (Mahal Lab)
CA3
BPL
GS-II (EY Lab)
HA70 complex (Alexa)
MOR-1
MOR-1
EEA(EY Lab)
HPA(EY Lab)
PNA
WGA(Seikagaku)
Native HPA
#14 Sialyl Lewis X (Calbio)
AFC
NOA
Tbr-EL1
ALA
Mouse NKR-P1C
Ping
Epa1-Np mutant (Y229W)
Epa1-Np mutant (Y229A)
Mouse Galectin-7
Epa1-Np mutant (Y229F)
Epa1-Np mutant (Y229L)
Epa1-Np mutant (Y229E)
Mono2-CSF
CRP
NEA
LEA
GSL-1
GSL-4
SBL
GSL-I-B4
DC-ASGPR s1p81
Sp Serotype 1 Z15
CA19-9 Ab (OncoQ)
HAA
PSA
MGL-1A
PSC
Mono2W-CSF
TJA-I
Microvillin
VVA
CVN
GNA(EY Lab)
MGL-1416
MGL-1416
Gal-3C
Sp Serotype 14 Z2
HIM-Neuv
DSL
LSL
VLRB.aGPA 23
hGal-1-488+EDT
EEL
BNA
VGA(EY Lab)
WT Galectin-3
CSA(EY Lab)
#15 Sialyl Lewis X (Calbio)
Mono2R-CSF
TPA
PBA
VVH-A (Alexa)
Avenin-1
Avenin-1
MALT-II
WGA mutant
WGA
rNGF-2
CCTG-10077
CCTG-10077
BTL native
human Gal-7
mouse Gal-7
AH
PHA-L
PHA-E
Anti-LeC
Human Galectin-8
SSA-488
TL-1
TL-1 (Lab)
MALT
MAA(Seikagaku)
CoPA
TJA-I
CAA
RCA
RCAI (VECTOR)
PNA
WGA
SNA

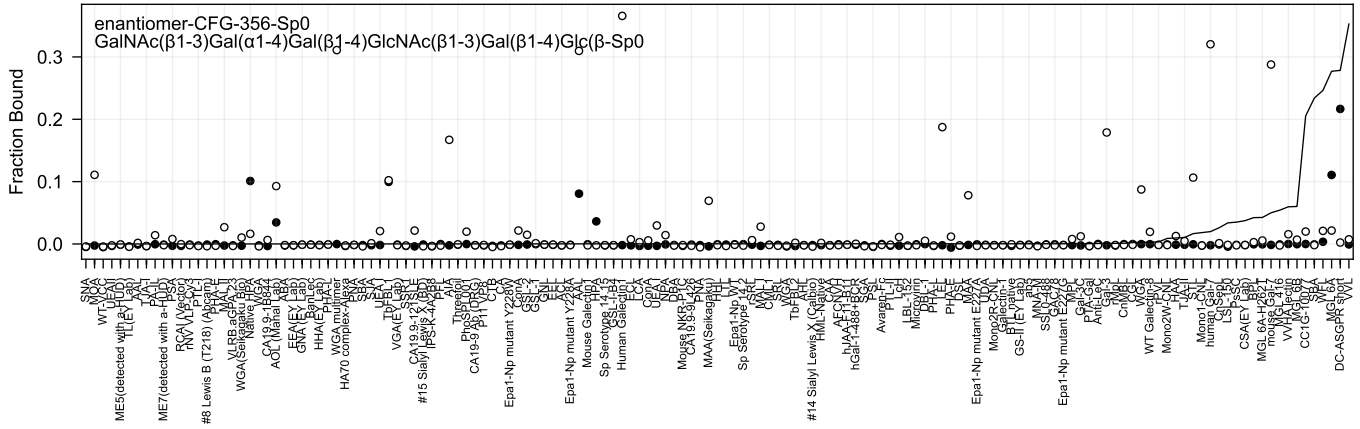

enantiomer-CFG-347-Sp20
Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-2)Man(α1-6)[Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp20
Fraction Bound
0.0
0.1
0.2
0.3
0.4
hAA-F11-B11
Mono2W-C-N1
HPA
PBS
GSL-I B4
Microvill
mouse Gal-7
Gal-7
MAL-1
MAA
VVHA
Hp11
MAA(Seikagaku)
MGL-B6
CC1G-T0077
PSR-1
Native PDA
WGA
SVT
HA70 complex-Alexa
DSL
PNA
CUBA1
Epa1-Np 270
Epa1-Np mutant 270
PhoSPT101
CnSerpL
Avarom-EC
Galectin-1
Sal
GNA(EY Lab)
Mouse NKR-P1C
Mono1-CNL
hGal-1-488-F18
#15 Sialyl Lewis X (Tep)
LBA
MOX
GSL-I-B4
SBA
TJA-I
TJA-II
Epa1-Np mutant Y229V
Epa1-Np mutant Y229A
CSA19.9-AB (DRG)
CA19.9-AB (DRG)
CA19.9-AB (Lab)
#14 Sialyl Lewis X (Calbiox)
MCA
EEA(EY Lab)
APSNV-F
GSL-I
NPA
VAL
ABA
IPS-K-4-488
PSS
Sp Secretory 2-1-2
Epa1-Np mutant 2-1-2
#8 Lewis B (T218) (Abcam)
Threefoil
Epa1-Np mutant E272A
P11
UEA-I
VSA
UEA-II
Gal-3
PWA
VGA(EY Lab)
WT Galectin-1
SPA
CA19.9-12-155
LS-155
VCAM-Fc-488
PAS-I
PTA
PTL-I
Mono2N-C-N1
SJA
BanLec
EAL
HHA(EY Lab)
Sp Serotype 14-15
human IgM
WGA-M
CTB
HML-N-488
WGA(Seikagaku Bio)
PTA
PTA-Gal
CSA(EY Lab)
LCA
WGA mutant
PHA-E
CML-1
Human Galectin-1
PSV
mouse Galectin-1
mouse Galectin-3
nN V LEC-1
ABA
Anti-LUD
ME7(detected with B-LUD)
PHA-L
PHA-P
DC-ASGPR si(DT)
ME5(detected with B-LUD)
BTL-P (Nalco)
SOA
WGA
RCA
RCAI (Vector)
ACL
ACA
BPL
TL(EY Lab)
TL(Calbiox)
TxB
TxB-L1
AOL (Marker)
AOL (Vector)
AAL

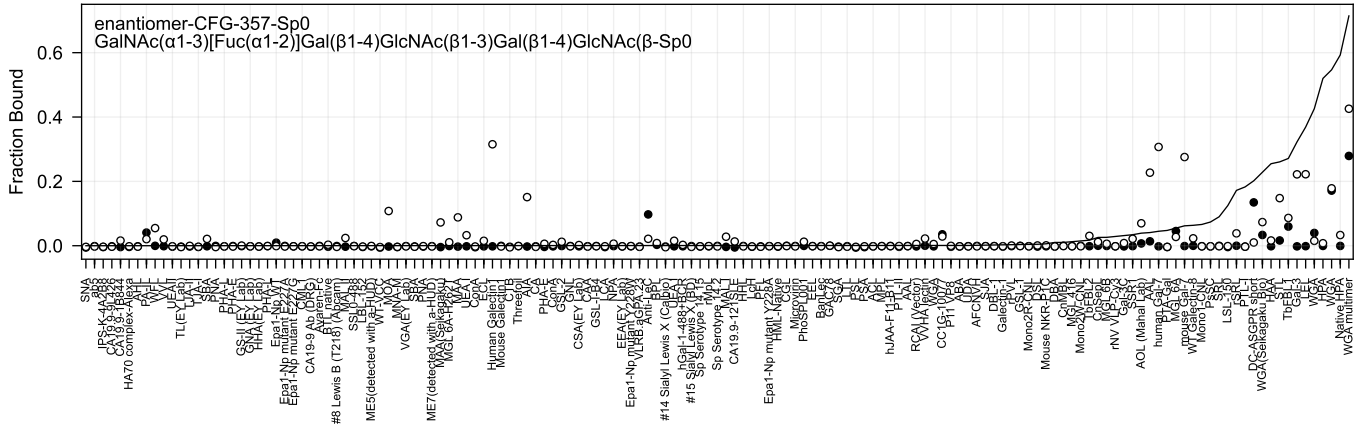

enantiomer-CFG-352-Sp0
Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-3)Gal(β1-3)GlcNAc(β-Sp0
Fraction Bound
0.0
0.2
0.4
MGL6A-H (H267)
MGL6A-H (H267) (Lab)
GNA (EY Lab)
GNA (EY Lab)
Monoclw CRL
AOL (Mahal Lab)
AOL (Mahal Lab)
TPS-1-A-488
TPS-1-A-488
WGA mutant
WGA mutant
DBA-1
DBA-1
Native PNA
WGA(Seikagaku)
WGA(Seikagaku) (Lab)
WF
WF
UDA
UDA
PSA
PSA
ENA
ENA
SBA
SBA
UEA1
UEA1
VGA(EY Lab)
ConBR
Fava Bean
Fava Bean (W)
PhaSe
PhaSe (W)
CrPsaL
CrPsaL
PsaSC
PsaSC
Sp Serotype 14
Sp Serotype 14
Sp Serotype 14.2
Sp Serotype 14.2
EVA
EVA (Lab)
#15 sialoglycan
#15 sialoglycan (Lab)
Lewis B (Y12-783)
Lewis B (Y12-783) (Accam)
#8 Lewis B (Y12-783)
#8 Lewis B (Y12-783) (Accam)
VL-RIA
VL-RIA(Sigma)
ME7(detected with a-HuD)
ME7(detected with a-HuD)
ME5(detected with a-HuD)
ME5(detected with a-HuD)
WGA
WGA
PT-1
PT-1
hJAA-F11-Fab
hJAA-F11-Fab
Mono1
Mono1
PCA
PCA
GNI
GNI
Mono2
Mono2
GSL-I B4
GSL-I B4
PFL
PFL
CAA
CAA
Con A
Con A
SSL-1
SSL-1
CSA(EY Lab)
CSA(EY Lab)
HPA
HPA
PNA
PNA
BSL
BSL
Mouse NKR
Mouse NKR
BPL
BPL
ACL
ACL
PVL
PVL
PTA-1
PTA-1
PTA-2
PTA-2
ConA
ConA
MAA(Seikagaku)
MAA(Seikagaku)
Human Galectin1
Human Galectin1
Mouse Galectin1
Mouse Galectin1
DSA
DSA
MAL
MAL
WGA
WGA
LEL
LEL
TJA-I
TJA-I
TJA-II
TJA-II
#14 Sialyl Lewis X
#14 Sialyl Lewis X (Lab)
Epa1-Np mutant Y2-488
Epa1-Np mutant Y2-488
CA19-9 (Lab)
CA19-9 (Lab)
ACG-NVH
ACG-NVH
PAU
PAU
PHA-L
PHA-L
Epa1-Np mutant Y2-488
Epa1-Np mutant Y2-488
MNA-M
MNA-M
CA19-9 (TDRG)
CA19-9 (TDRG)
TL(EY Lab)
TL(EY Lab)
HAA
HAA
Microvin
Microvin
CA19.9 (Abbott)
CA19.9 (Abbott)
Epa1-Np mutant E227A
Epa1-Np mutant E227A
TJA-II
TJA-II
HA70 complex-Alexa
HA70 complex-Alexa
Epa1-Np mutant E227A
Epa1-Np mutant E227A
MGL 88
MGL 88
GAC-8
GAC-8
UEA1
UEA1
DC-ASGPR
DC-ASGPR
Galectin-1
Galectin-1
EEA(EY Lab)
EEA(EY Lab)
WGA
WGA
AWA(EY Lab)
AWA(EY Lab)
rNV VLP
rNV VLP
PNA
PNA
SNA
SNA
CC1G-1
CC1G-1
WT Galectin-8
WT Galectin-8
Galectin-8
Galectin-8
AIL
AIL
OAA-488
OAA-488
SSL-1
SSL-1
VVHA
VVHA
human Galectin-7
human Galectin-7
mouse Galectin-7
mouse Galectin-7
PSL
PSL
RCA(Vector)
RCA(Vector)
Ann
Ann
SNA
SNA

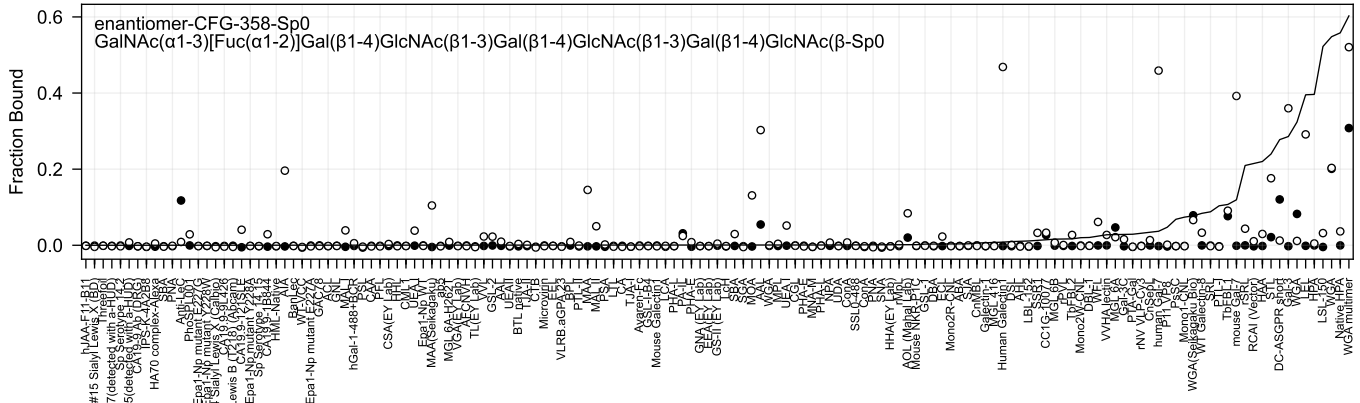

enantiomer-CFG-353-Sp0
Neu5Ac(α2-3)Gal(β1-3)[Fuc(α1-4)]GlcNAc(β1-3)Gal(β1-3)[Fuc(α1-4)]GlcNAc(β-Sp0
Fraction Bound
0.0
0.2
0.4
MAA(Seikagaku)
SNA
CSA
RTA
VGA(EY Lab)
MAL
SBA
WFA
CSA(EY Lab)
hGal-1-488-BSA
TL(EY Lab)
MAA
AVL
GSL-2
GNA
ABA
mouse CSN1
Monon28-CSN1
HA70 coproBSA
PhoSA
CGL
CNA
NPA
PTL-I
GS-II (EY Lab)
TEL
Lectin-1 (Isolectin)
VVL
EEA(EY Lab)
VLRB.aGPA.23
Sp Serotype 23
CAL-7.8
GSL-I
EEL
nNV LSL-C33
Sp Serotype 12F
WFL
#15 Sialyl Lewis X (Calbiochem)
RCA(I)(Vector)
Lewis X
IPS-K-4-488
EBL
HEA
MOA
MOA-LNC
MOA-LNB
PNA
MAL-II
Epa1-Np mutant Y228A
SBA
SBA-I
WGA
Mouse NKR-P1C
MALT
#8 Lewis B (T218) (Alexis)
Epa1-Np mutant Y228Q
PSA
PTL-II
HML
HML-Alpha
AFSNV-B
Epa1-Np mutant Y228V
Monon E228V
Epa1-Np mutant E228A
ACL
PHA-E
ACA
MGL
AIA
Native HPA
WT Galectin-1
Galectin-3
GNL
hJAA-F11-B1
MGL 6A-Fc-B2
PCA
MAC
MAC-I
human CA19-9
CEA
MOA
MNA-M
MNA-H
PTA
SGA
PAL
DCA
DSA
PWA
TEA
RCA(II)
WGA(Seikagaku, Bio)
GNA(EY Lab)
Mouse Galectin1
Microvirin
Epa1-NpSSR1
Human Galectin1
BoNT/A
BTL native
CON A
MGL-488
MGL-647
TNFB1.2
MOR
SSLL-488
SPA
Anti-Lac
HHA(Anti-Lac)
#14 Sialyl Lewis X (Calbiochem)
MET(detected with a-CML)
CoPA
Avarol
DC-SIGNR short
WGA mutant
ME5(detected with a-TLD)
CA19-9 Ab (DBG)
Tn
AOL(Marasmia)
CA19.9-L428
CA19.9-12
SLE
CA19.9-1B844

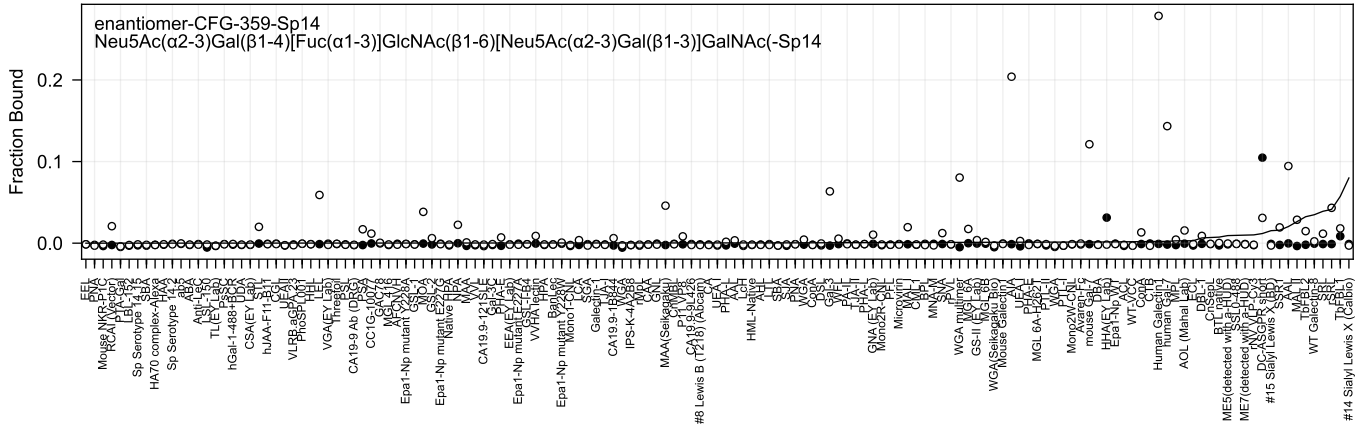

enantiomer-CFG-354-Sp0
Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.4
0.2
0.0
MGL6A (H268T)
BEL(EY Lab)
GSA(EY Lab)
GSII(EY Lab)
Mono2W-ANL
AOL (Mahal Lab)
Microvillin
LRP6-CA19-9 Ab
CA19-9-Ab
CA19-9-Ab
Banlec
SVA
Native-PPA
WFA
UEA II
TL(EY Lab)
PA-IIL(EY Lab)
SBA
PNA
ACA
Epa1-Np mutant E227G
Epa1-Np mutant R301Q
CA19-9 Ab (PRS2)
Sp Secondary 1:1 s
DC-ASGPR
BTL
Chaxiale
hGal-1-488-BCR
hLewis X (Calbiochem)
#14 Sialyl Lewis X (Calbiochem)
#8 Lewis B (1:128)(Calbiochem)
NVC
MIE3(detected with a-HUD)
MIE3(detected with a-HUD)
WT-VGA
MAA
MAL
VGA(EY Lab)
LEL
SBA
GSL-I
hJAA-F11-BSA
PC-1
PC-1
PHA-E
PHA-L
CVN
CAA
GSII-B4
MALI
NPA
LCA
GSL-I-B4
CSA(EY Lab)
HPA
HAA
ACA
ACA
Thrombin
Con A
Human Galectin-1
PA-Gal
PHA-E
PHA-L
Mouse Galectin-1
CTB
OEA
OEA
Tb-Fb
Sp Secondary 1:1
MonoT-CNL
MGL-B
Epa1-Np mutant V228A
Anti-Epa1
Epa1-Np mutant V228A
MAL
MAL I
Tomato
HA70 complex(Alexa)
GNA(EY Lab)
AEL(EY Lab)
Epa1-Np mutant E227G
PNA
ACA
CoA
SNA
SNA
MAA(Seikagaku)
VLRB aGPC-1
Epa1-Np WT
Mono2R-CNL
WGA(Seikagaku Sac)
WT Galectin-3
CNL
MGL
VGA
Galectin-9
MPL
Mouse NKR-Sec
CC1(Galectin-7)
LEL
JAC
SSL1(Fuca)
PSL
Galectin-8
VVH-A (Fucose)
WGA(Tri-mer)
DBL-1
human Gal-1
mouse Gal-1
Gal-3
SJL
RCA(Vector)
RCAI (Vector)
VGA
LSL-15b
SNA

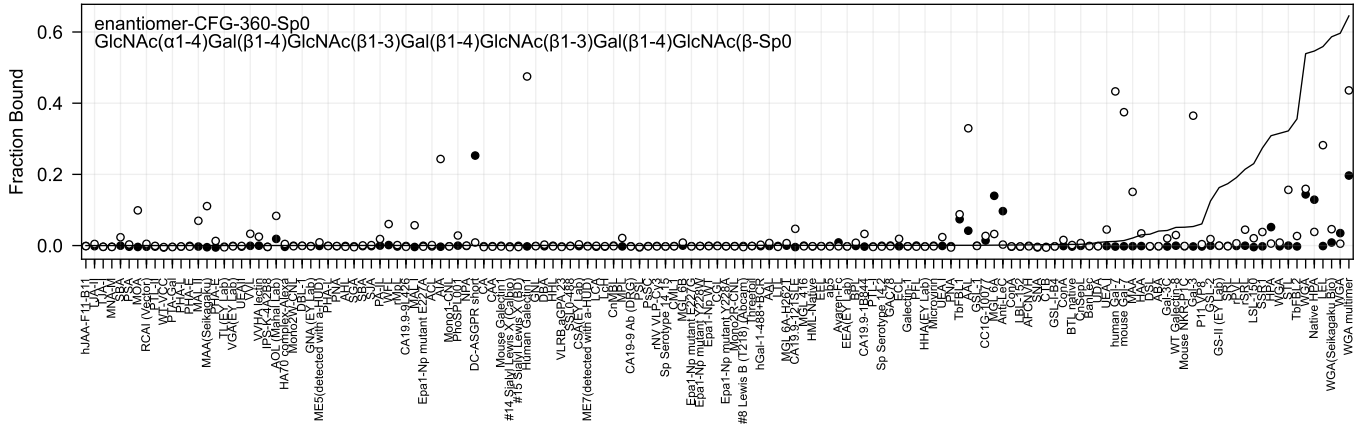

enantiomer-CFG-355-Sp0
Gal(α1-4)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)Glc(β-Sp0
Fraction Bound
0.3
0.2
0.1
0.0
SNA
SNA
PNA
PNA
SJA
SJA
PTA
PTA
PTA
VGA(EY Lab)
PSL
PSL
RCA
RCA
MAA(Seikagaku)
PWA
PWA
MAA
MAA
TJA
TJA
TL(EY Lab)
HA70 complex-Alexa
AOL (Maharavo)
ABA
ABA
Tbp
Tbp
SSA
SSA
Native GNA
Native GNA
WGA(Seikagaku)
HHA(EY Lab)
VVL
VVL
LFA
LFA
Mono2R-SNA
CA19.9-12
NPA
NPA
MGL
MGL
DC-ASGPR
SAC78
Sp Serotype 14
Sp Serotype 14 18
OCTS
Sp Serotype 14 23
Mouse Galectin1
Human Galectin1
PhoSL
Epa1-Np mutant E227A
CMBM
CMBM
WT-CGL
CGL
Mopn1-CGL
LCA
PHA
LCA
sSLb-188
PHA
Mono2R
#15 Sialyl Lewis X (Sigma)
#14 Sialyl Lewis X (Calbiochem)
GSL-2
CAA
ECA
EEL
CA19.9-alpha
MGL-K23
hJAA-P1-B11
HML-Native
MPL
MGL 6A-H-B21
Thrombol
Thrombol
Bau1-66
Bau1-66
MGL-66
#8 Lewis B (T218)
HML-Native
VLRB a-GP-23
VLRB a-GP-23
GLS1 (EY Lab)
Epa1-Np mutant E227G
Epa1-Np mutant Y228A
ECL
ECL
SCA
SCA
Epa1-Np mutant Y228F
Epa1-Np mutant Y228F
Epa1-Np WT
CGL1
CGL1
AC
AC
rNVLP-C3
rNVLP-C3
Avaro
Avaro
AFO
AFO
Galectin-1
Galectin-1
EEL
EEL
hGal1-48-FITC
CA19.9 Ab-FITC
Mouse NKP-FITC
LTL
LTL
MNA
MNA
ATA
ATA
GNA (EY Lab)
ConA
Gal-3C
CA19.9-FITC
CA19.9-FITC
WGA
WGA
WT Galectin-9
EVL
EVL
DSL
DSL
Anti-EL
Anti-EL
ME7(detected with a-HUD)
ME5(detected with a-HUD)
VVL
VVL
BTL
BTL
PSL
PSL
RCA(Vector)
RCA(Vector)
Wheat germ
Wheat germ
mouse Gal1
mouse Gal1
CC1G-10077
CC1G-10077
SBA
SBA
OSA
OSA
GNA
GNA
PA-IL
PA-IL

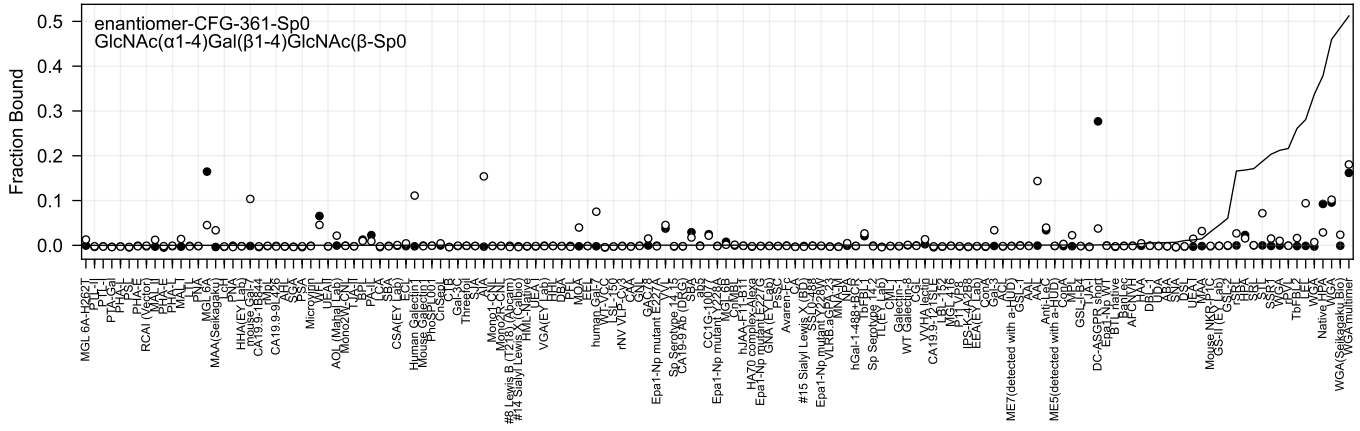

enantiomer-CFG-356-Sp0
GalNAc(β1-3)Gal(α1-4)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)Glc(β-Sp0
Fraction Bound
0.0
0.1
0.2
0.3
SNA
WFL
VAC
WFA
ME5(detected with a-FUD)
TL(EY Lab)
PNA
ME7(detected with a-FUD)
RCA(VECTOR)
NV(VECTOR)
#8 Lewis B (T218) (Abcam)
PHA-E
PHA-L
VLRB.aGPA
WGA(Seikagaku Bio)
VGA
CA19.9-1 (Abcam)
AOL (Matrix Biotech)
ABA
EEA(EY Lab)
GNA(EY Lab)
HHA(Bouvelac)
PHA-L
WGA
HA70 complex-Alexa
SNA
SNA
SNA
VGA(EY Lab)
TJA-I
IPL(EY Lab)
CA19.9-1(SCIL)
#15 Sialyl Lewis X (Abcam)
MAL(Seikagaku Bio)
PFA
Thrombin
Prostatic Acid Phosphatase
CA19-9 (Fitzgerald)
CD3
Epa1-Np mutant Y226W
GSL-I
GSL-I
EEL
EEL
Epa1-Np mutant Y226A
AAL
Mouse Galectin-1
PPA
Sp Serovars 14-33
Human Galectin-1
ECA
GRA
SEA
Mouse NKR-P1C
CA19.9-1 (Fitzgerald)
MAA(Seikagaku)
FUL
Epa1-Np WT
Sp Serotype 14
SFA
MAL-I
SNA-I
Tb(VEC)
AHL
#14 Sialyl Lewis X (Calbiochem)
BML(Calbiochem)
AFG
NVA
hJAA-1-Fc
hGal-1-486
BCA
FS
Avarol
PTL-II
LBL-152
Microvirin
PHA-L
PHA-E
PHA-E
DSL
Epa1-Np mutant EWAA
Mono2R-CNL
Galectin-1
Mono2R-CNL
GS-II (EY Lab)
ABA
SSL-28
SSL-48
Epa1-Np mutant EWAA
MIP
PA-IIL
PA-IIL
AnLec
PNA
CnMBL
CnMBL
WGA
WT Galectin-3
Mono2W-CNL
TJA-I
TJA-II
Mono1-CNL
human Galectin-7
LSL-PSA
LSL-PSA
CSA(EY Lab)
BPL
MGL 6H-CGA21
mouse Galectin-9
VVL
VVL
MGL-416
VVL
MGL-68
CC1G-Tag
WFA
WFA
MGL-61
DC-ASGPR-Sp0
VVL

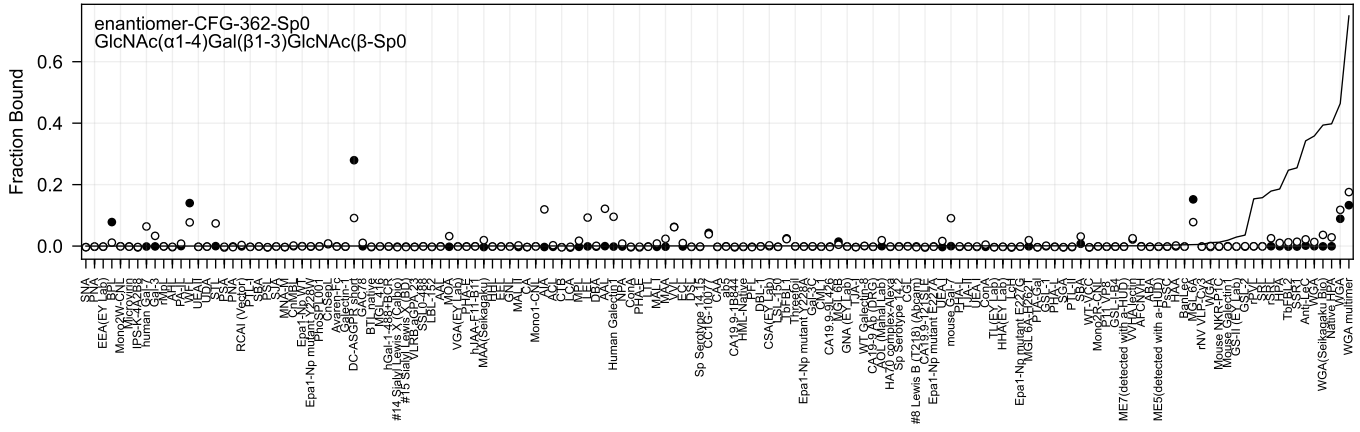

enantiomer-CFG-357-Sp0
GalNAc(α1-3)[Fuc(α1-2)]Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.0
0.2
0.4
0.6
SNA
SNA
IPSC-4-A488
CA19-9-1B244
CA19-9-1B244
HA70 complex-Alexa
PAL-F
PAL-F
WT
UEA1
UEA1
TL(EY Lab)
TL(EY Lab)
SBA
SBA
PNA
PNA
PHA-E
PHA-E
GSL-I(EY Lab)
GSL-I(EY Lab)
HHA(EY Lab)
HHA(EY Lab)
Epa1-Np WT
Epa1-Np mutant E227A
Epa1-Np mutant E227A
CA19-9
CA19-9 Ab (BioFT)
BTL native
CA19-9 Ab (BioFT)
#8 Lewis B (T216) (Alexis)
SBL-188
SBL-188
ME5(detected with a-HUD)
WT
WGA
MVA-LN
VGA(EY Lab)
SBA
SBA
ME7(detected with a-HUD)
MAA Seikagaku
MAA
MAA
OAA
OAA
Human Galectin-1
Human Galectin-1
Mouse Galectin-1
CTB
CTB
Thr-Ala
Thr-Ala
PHA-E
PHA-E
Con-A
Con-A
GNL
GNL
CSA(EY Lab)
CSA(EY Lab)
NPA
NPA
GSL-I-B4
GSL-I-B4
EEA(EY Lab)
EEA(EY Lab)
Epa1-Np mutant Y255L
Epa1-Np mutant Y255L
VVL-B4 (Vector)
VVL-B4 (Vector)
Anti-Epa
Anti-Epa
#14 Sialyl Lewis X (Calbio)
hGal-1-488-BCH
#15 Sialyl Lewis X (Bio)
Sp Serotype 1 mAb
Sp Serotype 1 mAb
Sp Serotype 2 mAb
CA19.9-12F
ISLE
ISLE
HGA
HGA
Epa1-Np mutant Y255L
HML-Native
HML-Native
Vicia
Vicia
MicroSP (Bio)
PhoSP (Bio)
Bar-Lec
Bar-Lec
GNA
GNA
SNA
SNA
FSL
FSL
ACL
ACL
hJAA-F1-B-1
hJAA-F1-B-1
AJL
AJL
RCA I(Vector)
RCA I(Vector)
VVHA (Vector)
VVHA (Vector)
WGA
WGA
CC Lg-1 (Bio)
CC Lg-1 (Bio)
PTI
PTI
ABA
ABA
AFO
AFO
NVA
NVA
DSL
DSL
Galectin-1
Galectin-1
GSL-I
GSL-I
Mono2R-CNL
Mouse NKR-P1C
DBA
DBA
Cn-A
Cn-A
MGL-416
MGL-416
Mono2-VEGFL2
Mono2-VEGFL2
GNSeq
GNSeq
rNV VLP-C23
rNV VLP-C23
GalSR
GalSR
AOL (Mahal Lab)
AOL (Mahal Lab)
human Gal-7
human Gal-7
MGA-Gal
MGA-Gal
mouse Gal-7
mouse Gal-7
WT Galectin-3
WT Galectin-3
Mono-PsSL
Mono-PsSL
SJA
SJA
LSL
LSL
GSL-I
GSL-I
FRL
FRL
DC-ASGPR short
DC-ASGPR short
WGA(Seikagaku)
WGA(Seikagaku)
PNA
PNA
TbpB
TbpB
BTL
BTL
Gal-3
Gal-3
WFL
WFL
VFA
VFA
HPA
HPA
Native
Native
WGA multimer

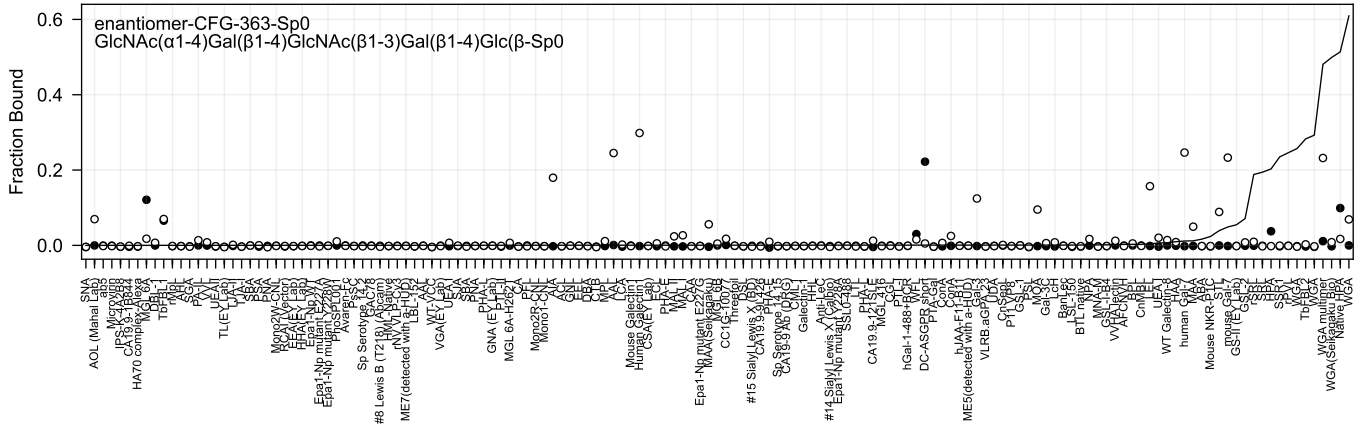

enantiomer-CFG-358-Sp0
GalNAc(α1-3)[Fuc(α1-2)]Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.0
0.2
0.4
0.6
hAA-F11-B1
Lewis X (BD)
#15 Sialyl Lewis X (BD)
Tn (BD)
ME7(detected with Tn (BD))
Sp Serotype 12
ME5(detected with Tn (BD))
Sp Serotype 17
TpSK-A (Abbiotec)
HA70 complex
SBA
PNA
Arb
PhoSL (Vector)
Epa1-Np mutant E222V
Epa1-Np mutant E222A
#14 Sialyl Lewis X (Calbiochem)
#8 Lewis B (CA19-9) (Abbiotec)
Epa1-Np mutant E222Q
Sp Serotype 14
Sp Serotype 15
CA19-9 (Abbiotec)
HMI-Native
MIX
Bar-VVCC
VVA
Epa1-Np mutant E222K
EAC2A
EAC1A
AGL
MAL
hGal-1-488
BPL
CSA
CSA(EY Lab)
HPA
HPL
UEA1
UEA2
Epa1-Np WT
MAA (Eisai Lab)
MGL 64 (Hybrid)
MGL 64 (Lab)
TL(EY Lab)
VVL
VVL2
GSL2
UEA2
UEA1
BTL (Hybrid)
BTL (Lab)
VVB
Microcystin LR
FEL
VLRB.aGP
BAP
PTL-II
MAL-II
PSA
TJA-I
TJA-II
Ayamori-Fc
Mouse Galectin-1
Mouse Galectin-3
LCA
PTA
PAL-E
PVAL-E
GNA (EY Lab)
PEA (EY Lab)
GS-II (EY Lab)
sSA
SNA
MOA
VVAL
MPL
UCA
PHA-E
PHA-L
MAH-H
MAH-T
NPA
CGB
SSL-CGB
SNA
SNA-I
HHA(EY Lab)
AOL (Mahal Lab)
Mouse NKR-P1C
CGB
DBA
Mono2R
ABA
CanMel
Galectin-1
Galectin-3
Human Galectin-1
ASL
LBL-152
LBL-154
CC1G-0057
MGP-64
TxFB-K2
Mono2 (Dot Lab)
WFL
VVHA
MGL-96
Gal-3C
Gal-3N
rNV VLP-C09
hum Galectin-7
p11 VP64
Mono1 (Dot Lab)
WGA(Seikagaku Bio)
WFL (Seikagaku Bio)
SBL
SBT
TbFB-1
mouse Galectin-7
SAL
RCAI (Vector)
GNA
DC-ASGPR short
PNA
WGA
HPA
LSL
Native VHA
WGA multimer

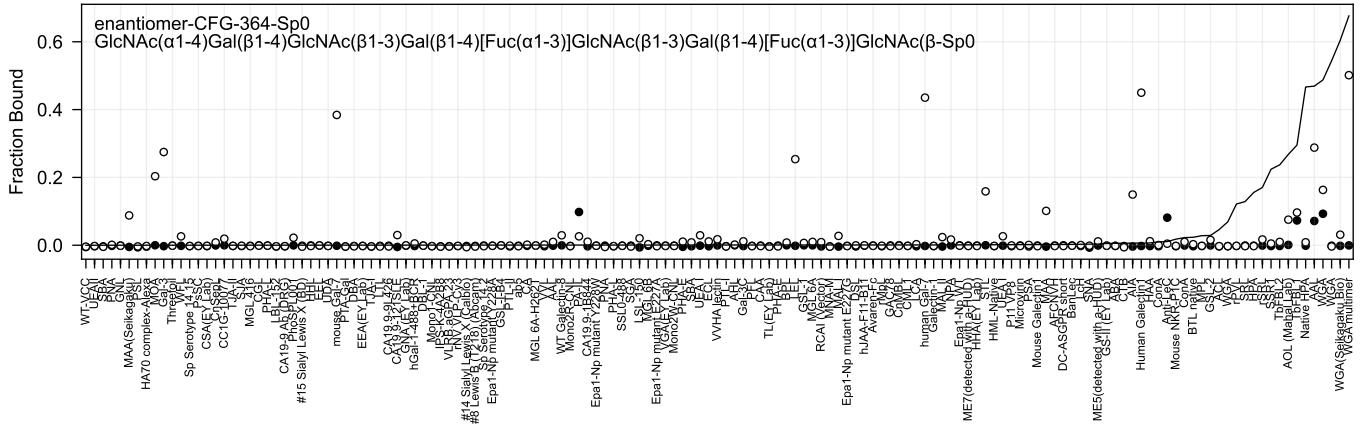

enantiomer-CFG-359-Sp14
Neu5Ac(α2-3)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-6)[Neu5Ac(α2-3)Gal(β1-3)]GalNAc(-Sp14
Fraction Bound
0.2
0.1
0.0
EEL
PNA
Mouse NKR-P1C
RCA(I) (Vector)
PHA-E (Sigma)
Lb14-32
Sp Serotype 3
SBA
HA70 complex-HPA
ABA
Sp Serotype 14.2
ABA
Ann-Lec
TL(EY Lab)
hGal-1-488-FBCR
CSA(EY Lab)
UDA
SNA
hJAA-F11 (Sigma)
SNA
VLRB.aGAL
PhoSL(Vector)
UEA-I
HPA
VGA(EY Lab)
Tim-Bgal
CA19-9 Ab (DRG)
CC1G-1007
MGL-1418
AF-PAN/VA
GSL-I
Epa1-Np mutant 1
GNA
Epa1-Np mutant 2
Native PEA
PEA
MAA
CA19.9-121SLE
BPA
BPA-E
EEA(EY Lab)
Epa1-Np mutant 3
GST-EEA
VVHA (Tech)
Epa1-Np mutant 4
Bap-86
Mono1-CSN
SCA
SCA
Galectin-1
CA19.9-1B44
CA19.9-121
IPS-K-4
VVA
PPL
GAL
MAA(Seikagaku)
PNA
PT (Vector)
CA19.9-SLE
CA19.9-1116-NS-19-9
#8 Lewis B (T218) (Abcam)
UEA-I
PNA
AAL
AAL
HML-Native
ACL
ACL
SBA
SBA
PNA
PNA
WGA
WGA
COSA
COSA
GalA
GalA
FA-I
FA-I
PHA-L
PHA-L
GNA (Lab)
Monoz2K (Lab)
PPL
Microvirin
CVN
CVN
MNA-M
MNA-N
SNA
SNA
WGA (Vector)
WGA multimer
GS-II (EY Lab)
MGL-BB
WGA(Seikagaku)
Mouse Galectin-7
PEA
UEA-I
PNA
PNA
MGL 6A-PAC-II
VVA
VVA
Mono2W-CSN
Avidin
Avidin-17
mouse Galectin-7
DBA
HHA(EY Lab)
Epa1-Np (WT)
WT-ACL
ACL
CoDA
Human Galectin-7
human Galectin-7
AOL (Mahal Lab)
DBL
DBL-1
CnSepL
BTL-1
ME5(detected with HPLC)
SSLP-1-488
ME7(detected with HPLC)
NVX(EP-CX)
DpCV (Seq. Lab)
#15 Sialyl Lewis X (Biot)
SSA
SSA-1
MAL
MAL-2
TBP-2
WT Galectin-3
SBL
SBL-1
TBP-1
#14 Sialyl Lewis X (Calbio)

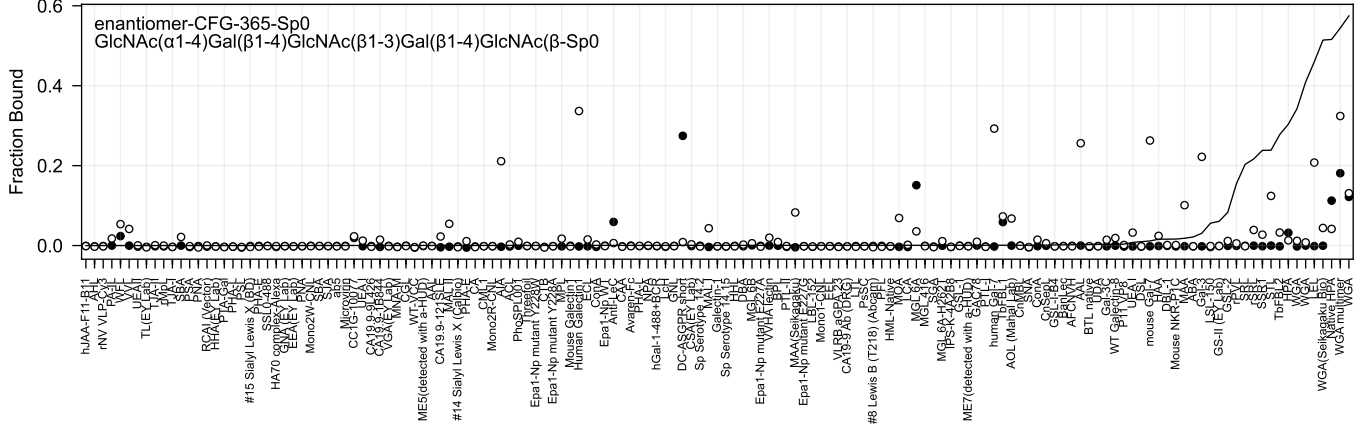

enantiomer-CFG-360-Sp0
GlcNAc(α1-4)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.0
0.2
0.4
0.6
hJAA-F (LB-1)
LBA-1
MVAA
SBA
MGA
RCAI (Vector)
WT-VCC
PTA-Gal
PA-Gal
PTA-E
PA-E
MAA(Seikagaku)
MAA(LB-1)
PHA-E
PHA-L
VGA(EY Lab)
UEA-I
PNA
PV/HA (lab)
AOL (Takara Lab)
HA70 complex (Akira)
Morbox (Akira)
DSL-1
GNA (EY Lab)
ME5(detected with a+ Lab)
PHA-L
ANA
SSA
SJA
RCA
PAA
MPL
MALI
CA19.9-488
Epa1-Np mutant E22Q
CVA
ACA
Mono1
ProSP-001
NPA
DC-ASGPR sPCA
#14 Sialyl Lewis X (Calbiot)
#15 Sialyl Lewis X (Calbiot)
Human (Galectin)
GNA
PHL
VLRB-GFP
SSA(EY Lab)
CSA
ME7(detected with a+ Lab)
LCA
CnMBL
MBL
CA19-9 Ab (DSL)
E-Selectin
rNV VLP E-Selectin
Sp Serotype 14-18
MGAL
Epa1-Np mutant E22Q
Epa1-Np mutant E22Q
Epa1-N-001
Epa1-Np mutant Y229A
Monoclonal Anti-CEA
#8 Lewis B (T218) (Calbiot)
hGal-1-488
PNL
MGL 64-1 FITC
CA19.9-488
MGL 416
HMLM-PE
PE
APC
Avaxin
EEA(EY Lab)
CA19.9-PB44
PT-1
Sp Serotype GAC78
GalectinC1
PFL
HHA(EY Lab)
Microvin
DBA
UEA-I
TcfBL-1
GSL-I
CC1G-0007
AmLec
LBL-002
APCNV
SNB
GSL-I-B4
BTL (native)
CaSpec
UEA
Gal-1
human Gal-7
mouse Gal-7
HAA
ABA
Gal-3C
WT Gal-3C
Mouse NRR(Gal-1)-C
P11-Gal-3
GS-II (EY Lab)
SBA
PSA
PSL
LSL-150
LSL-350
SBL
VGA
TcfBL-2
SBA
Native VGA
LEL
WGA(Seikagaku)
WGA
WGA multimer

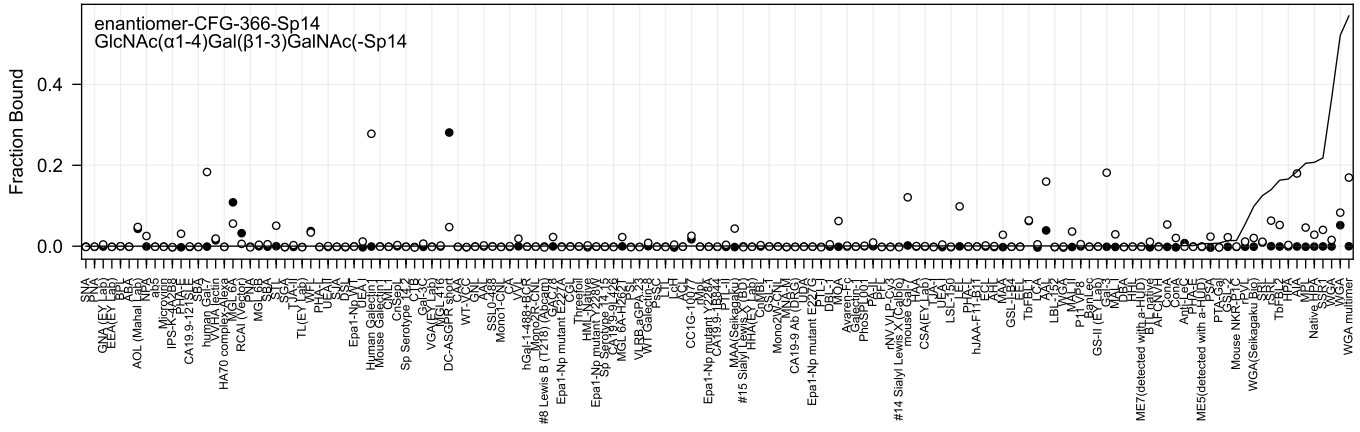

enantiomer-CFG-361-Sp0
GlcNAc(α1-4)Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
MGL 6A-H2627
PTL-I
PTL-II
PHA-E
PHA-L
RCA I (Vector)
BPL-I
BPL-II
MAL I
MAL II
PNA
MGL 6A
MAA(Seikagaku)
PNA
HHA(EY Lab)
CA19.9-B244
CA19.9-M25
CA19.9-M26
ACL
PSA
Microvill
UEA II
AOL (Maine)
Mono20 (CNI)
Mono21 (CNI)
Mono6 (CNI)
PAL
SBA
PAL-A
CSA(EY Lab)
Human Galectin1
Mouse Galectin1
Human Galectin3
Phosphatase
CnSepr
Gal-3C
Threonin
Gal-3N
ALA
Mono1-CNI
Mono7-CNI
#8 Lewis B (T218)(Abcam)
#14 Sialyl Lewis X (Abcam)
PML(native)
VGA(EY Lab)
FBL
DBA
DBL
MOA
PNA
human Gal-7
VSL-150
rNV VLP-GX
GNA
Epa1-Np mutant EY-GX
VVL
Sp Secretory 1-4
SBA
CA19.9-M-15
CC1G-10672
Epa1-Np mutant K22-GX
CCMBL
hIAA-1-Alexa
HA70 complex-Alexa
Epa1-Np mutant E227-GX
GNA(EY Pseudo)
Avaren-GX
#15 Sialyl Lewis X (BD)
Epa1-Np mutant S228-GX
VLRB aGAL-13
NPA
hGal-1-488
hTFB-1
Sp Secretory 1-2
TL(EY CNI)
WT Galectin-1
Galectin-1
CGL
YVHA (Neuro)
CA19.9-T2 (Neuro)
MAL-136
MAL-132
PJ1-V28
IPS-1(EY Lab)
EEA(EY Lab)
Con A
ACL
ME7(detected with a-HuDD)
CA19.9
AAL
Anti-Tac
ME5(detected with a-HuDD)
VMA
GSL-I-B4
LTA
DC-ASGPR s/ort
EpaX(Native)
BTL(Native)
ABA
Anti-Tac
DBA
DSA
ABA
DSL
UEA I
LCA
Mouse NKR-P1C
GS-II (EY Lab)
TBL
TBL
SBL
SBA
SSA1
VGA
TcFBP-2
WFL
WFA
Native HPA
PNA
WGA(Seikagaku)(Bio)
WGA multimer

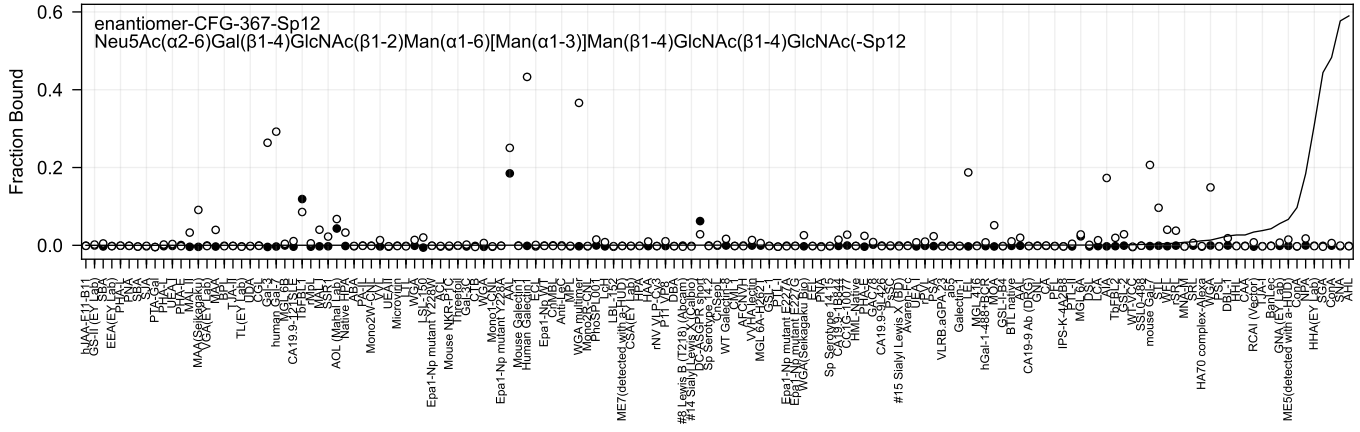

enantiomer-CFG-362-Sp0
GlcNAc(α1-4)Gal(β1-3)GlcNAc(β-Sp0
Fraction Bound
0.0
0.2
0.4
0.6
SNA
SNA (EY Lab)
EEA(EY Lab)
Mono2V-ONL
Mono2V-ONL (PS-Kozyra)
human Gal-1
human Gal-7
PNA
AAL
PHA-E
WFL
UEA-I
LCA
SBA
STL
PNA
RCAI (Vector)
SBA
STL
SJA
MNA-M
MNA-N
Epa1-Np WT
Epa1-Np mutant E227Y
Epa1-Np mutant S229Y
human Galectin-1
CrSeal
Galectin-1
DC-ASGPR (Lectinity)
BTL native
BTL native
hGal-1-488-BCB
#14 Sialyl Lewis X (Calbio)
#15 Sialyl Lewis A (Calbio)
VLRB.GAL.C3
SBL-188
LBL-188
AAL
MAL
VGA(EY Lab)
hAA-T1-BTL
hAA-T1-BTL
MAA(Seikagaku)
EEL
GNL
MAL
Mono1-ONL
ACL
ACL
CCL
MEL
DBA
DSA
Human Galectin-1
NPA
NPA
PHA-E
PHA-L
MALI
WFA
ECL
DSL
Sp Serotype 1
CCYGP-1 (Ito77)
CAA
CA19.9-IB842
HMI-Neuer
HMI-Neuer
DBL-1
CSA(EY Lab)
GSL-I (B4)
TJA-I
Epa1-Np mutant Y229A
GNL
CA19.9-IB842
GNA (EY Lab)
WT Galectin-3
CA19.9 Ab (PDIS)
CA19.9 Ab (PDIS)
HA (Flu complex-Alexa)
Sp Serotype 5
#8 Lewis B (C219) (Abcam)
Epa1-Np mutant E227A
Epa1-Np mutant E227K
mouse Galectin-1
PHA-L
UEA-I
LCA
TL (EY Lab)
HHA(EY Lab)
Epa1-Np mutant E227G
MGL BAP E227
PNA
PHA-L
PTL-I
WT SBA
Mono2R-ONL
Mono2R-ONL
GSL-I (B4)
ME7(detected with a-HUD)
WT A-HUD
AFCRXV1
ME5(detected with a-HUD)
FSC
FSC
Rat Lec
rNV VP8-GA
Mouse NKR-P1A
Mouse Galectin-1
GSII (EY Lab)
PNA
PSL
SBL
EEA
TxLC
SSA1
SSA2
Ant-VAX
WGA(Seikagaku Bio)
Native WGA
WGA multimer

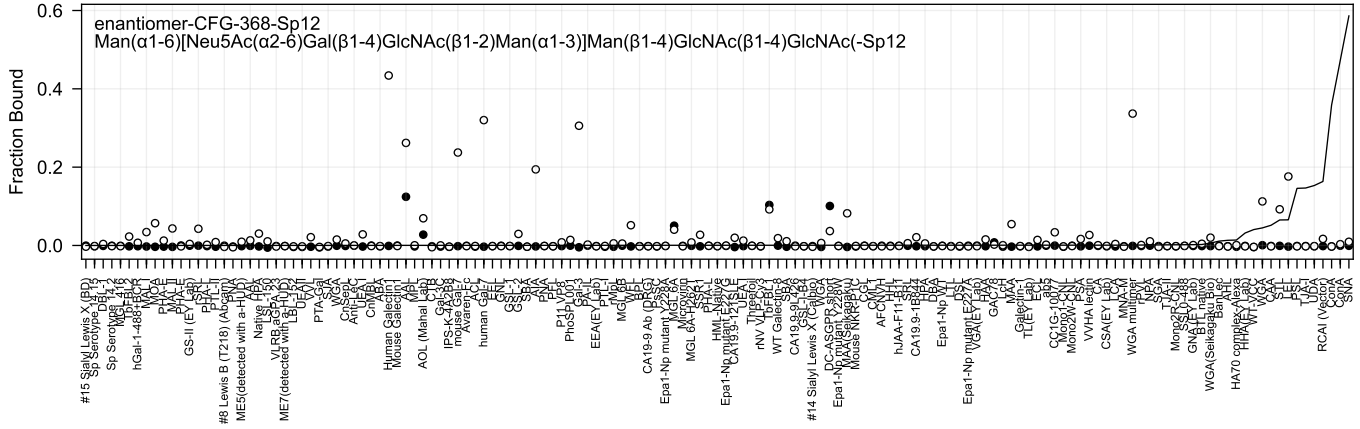

enantiomer-CFG-363-Sp0
GlcNAc(α1-4)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)Glc(β-Sp0
Fraction Bound
0.0
0.2
0.4
0.6
SNA
AOL (Mahal Lab)
aos
MicrA
IPS-1-Ab488
CA19.9-Ab488
HA70 complex
WGA
TcBPL-1
MNL
SGA
PNA
AVA
UEAII
LCA
GSA
BSA
BSII
Mono2W-CNL
RCA(Vector)
RCA(EY Lab)
PHA(EY Lab)
Elan1-Np71
Epa1-Np mutant-Y226A
Avar-PLL
Sp Serotype 1-CC
Sp Serotype 14-CC
#8 Lewis B (T2 BM)-Streptavidin
ME7(detected with L-Ab)
VGA(EY Lab)
WT-ACL
UEA
SBA
PTA-1
GNA (EY Lab)
MGL 6A-R262
PCL
Mono2R-CNL
Mono1-CNL
ACA
GNL
EEL
CTB
MPL
VCA
Mouse Galectin1
Human Galectin1
CSA(EY Lab)
PHA-E
MAL I
Epa1-Np mutant E224A
MAA(Sekiguchi)
CC1(Vector)
Threonin
#15 Sialyl Lewis X (BD)
CA19.9-Ab142B
Sp Serotype 14-15
CA19.9 Ab (ONCO)
Galectin-1
Anti-Lewis X (Calbiochem)
#14 Sialyl Lewis X (Calbiochem)
Epa1-Np mutant-Y226A
SSL-488
PHA-L
CA19.9-Ab115
MGL-488
Coc
hGal-1-488-FITC
WFL
DC-ASGPR
A-Gal
ConA
hJAA-F11-488
ME5(detected with a-Gal)
VLRB.aGP.123
CnSBL
PTL-I
GSL-I
PSL
Gal-3C
BanLec
BanLCH
ST-156
BTL Trap
MNA-M
MNA-N
GNA(Lectin)
VVA
AFO (NV)
CnMBL
UEA-I
WT Galectin-3
human Gal-3
MBA
Mouse NKR-P1C
mouse Gal-7
GSII(EY Lab)
CSA
PSL
SBL
SSA
SSII
WGA
TcBPL-2
WGA mutant
WGA(Sekiguchi)
Native PEA
WGA

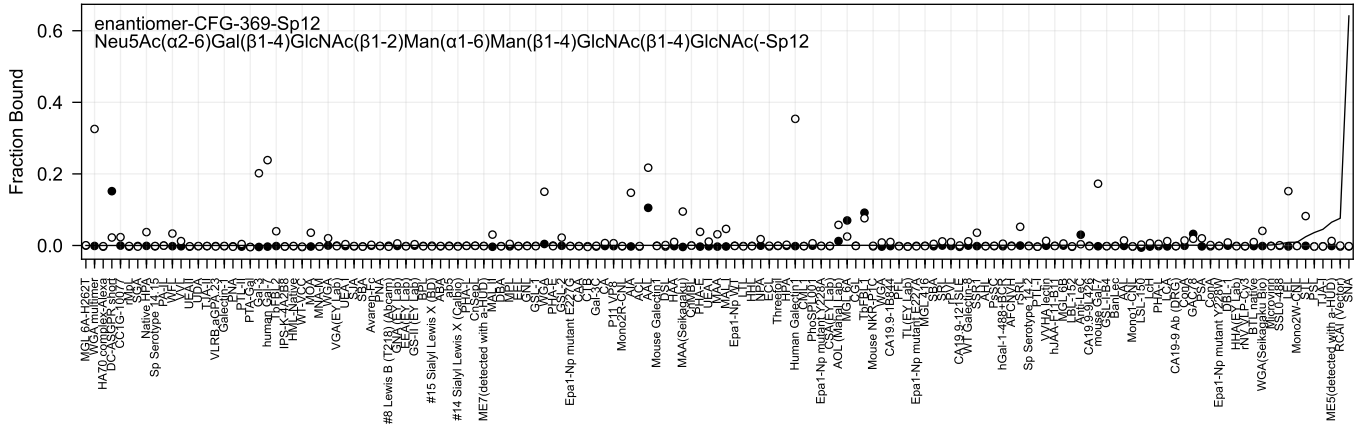

enantiomer-CFG-364-Sp0
GlcNAc(α1-4)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-3)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β-Sp0
Fraction Bound
0.0
0.2
0.4
0.6
WT-VCC
DEAE
SBA
GNL
MAA(Seikagaku)
HA70 complex-Alexa
Gal-3
Threonin
Sp Serotype 14-15
CSA(EY Labs)
CC1G-1-10-1
MGL 3A/6
CGL
PT-152
LEL
CA19.9-Alexa
#15 Sialyl Lewis X (BD)
EEL
UEA
mouse Fucα1-3Gal
PNA
DBA
EEA(EY Labs)
CA19.9-9-126
CA19.9-1-126
CA19.9-1-126/SLE
hGal-1-488-BCH
PNL
Mono Fucα1-2
IPS-1-Cy2/88
VIA/4
NB-6-PE-2-23
#14 Sialyl Lewis X (Calbiochem)
#8 Lewis X (Calbiochem)
Sp Serotype 8-12
Epa1-Np mutant Y226A
GSL2/B4
PT-1
aCL
MGL 6A-H2/27
AAL
WT Gal2/8-CONA
Monoclonal
CA19.9-1-FALL
Epa1-Np mutant Y226W
PHA-L
SSL1-488
SSL7
LTA
Epa1-Np mutant Y226F
VGA(EY Labs)
Mono2-PHA-L
SBA
UEA
LEL
VVHA-Biotin
AGL
GNL
BPL
PT
CAA
TL(EY Labs)
PHA-E
BPL
PEL
GSL-I
RCA(Vector)
MAA(Vector)
MAA-M
Epa1-Np mutant E227G
hJAA-F11-BSI
Avaren-Fc
ACG
CONA
COMP-1
human Lgl-2
Galectin-1
MAPA
Epa1-Np WT
ME7(detected with EY LUD)
STL
HML-VIPA
Mouse Vip8
Mouse Vip9
Mouse Galectin-1
AFCNVA
DC-ASGPR-Fc
Banlec
SNA
ME5(detected with EY LUD)
GSII (EY LUD)
ABA
CTB
Human Galectin-1
ConA
Mouse NRP-Fc
ConA
BTL native
PSA
GSL-2
WGA
FGL
FGL-K
LEA
SSA
SSBT
Tbp-BLU
Tbp-BLU
AOL (Marine Biol)
Native FDA
KGA
WGA
WGA(Seikagaku) (Bio)
WGA multimer

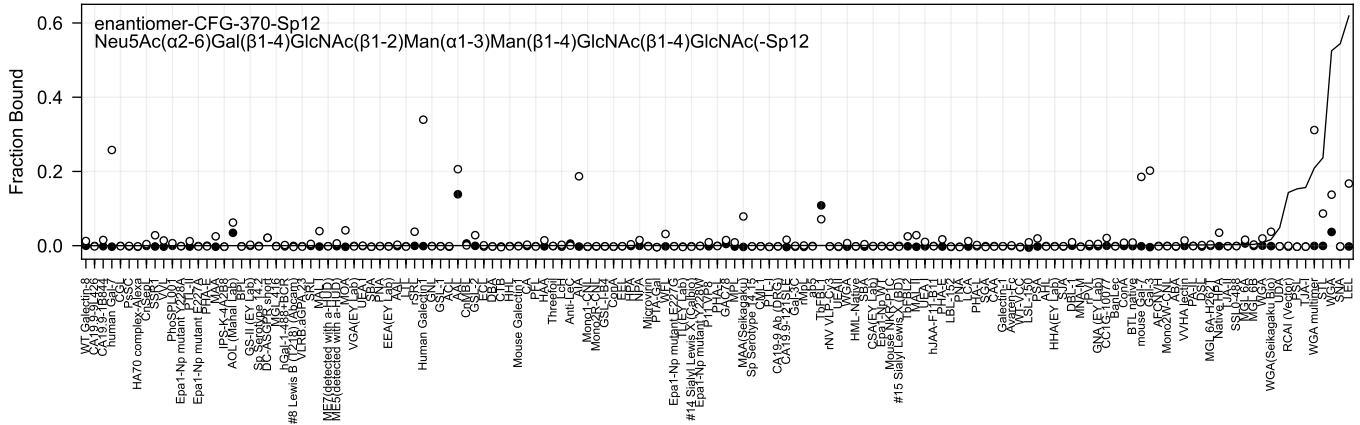

enantiomer-CFG-365-Sp0
GlcNAc(α1-4)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.6
0.4
0.2
0.0
hJAA-F11 A11
rNV VLP-Cy3
WFL
UEA-I
TL(EY Lab)
MOA
PNA
SBA
BSA
RCA(Vector Lab)
HHA(EY Lab)
PHA-E
PHA-L
#15 Sialyl Lewis X (BSL)
PA-IIL
SSL7(Hess)
SNA(EY Lab)
ELA(EY Lab)
PNA
Mono2W-SNA
SNA
SJA
SJA
HA70 complex
SSL7(Hess)
Microvirin
CC1(G-100)X7
CA19.9-422
CA19.9-1116
CGM1(Dall)
MAA(M)
WT-VCA
ME5(detected with a-HCD)
CA19.9-121
SLE
#14 Sialyl Lewis X (pHACE)
pHACE
CML-1
Mono2R-CML
CML
AOL
PhoSL
Epa1-Np mutant Y228A
Epa1-Np mutant Y228A
Mouse Galectin-1
Human Galectin-1
CVN
Epa1-Np WT
CAA
Avarol
PHA-E
hGal-1-488+NPB
LSL
DC-ASGPR
SnoL
Sp Serotype 1
ESA(EY Lab)
MAL-1
Galectin-1
Sp Serotype 14
HPA
MGL-8B
Epa1-Np mutant Y228A
VVA
Epa1-Np WT
BPL
MAA(Seikagaku)
Epa1-Np mutant E227G
Mono1-CNL
VLRB aGP-E1
CA19-9 AB (DRG)
PsaC
#8 Lewis B (T218) (Abcam)
HML-Native
MCA
MGL-1A
MGL-1C
MGL-8A(Kobata)
MGL-8A(Kobata)
ME7(detected with a-HCD)
GSL-I
PT-1
human Galectin-1
TcPBL-1
AOL (Mahal Lab)
CrFL
SNA
GnSA
GSL-I B4
APCNVR
OOA
BTL na
OOA
WT Galectin-3
p11 Galectin-3
DSL
mouse CaaA
TcPBL-1
Mouse NKR-P1
MAA
CaaA
GalA
LSL-150
GS-II (ESBA)
PEA
PEA
SSL8
SSL7
TcPBL-2
WGA
WGA
WGA
WGA(Seikagaku Bio)
WGA mutant
WGA

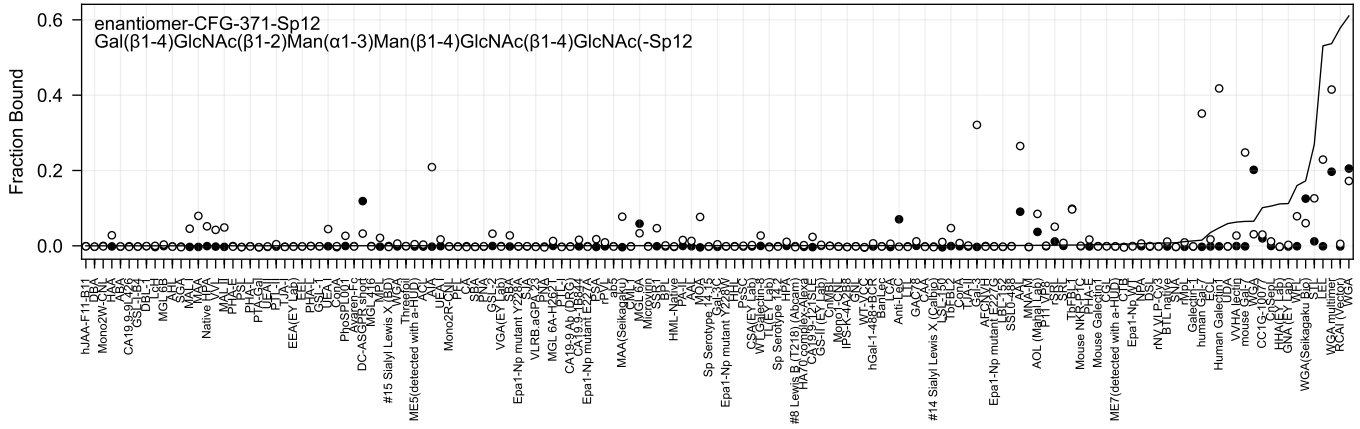

enantiomer-CFG-366-Sp14
GlcNAc(α1-4)Gal(β1-3)GalNAc(-Sp14
Fraction Bound
0.0
0.2
0.4
SNA
SNA (Lab)
EEA(EY Lab)
BPL
AOL (Mahal Lab)
NPA
Microvigin
IPS-K
BAP2B
CA19.9-121
SLE
Galectin-3
human Galectin-1
VVHA (Lectin Tech)
HA70 complex
MGL-6A
RCAI (Vector)
MGL-6B
SBA
SGA
TL(EY Lab)
PNA
WFL
UEA-II
DSL
Epa1-Np
Human Galectin-7
Mouse Galectin-1
CrSp1
Sp Serotype 4 CPS
VGA(EY Lab)
DC-ASGPR
MGL-4/18
SNA
WFL
VCC
ACL
SSL1-O88
Monsv-O88
VCA
hGal-1-488+BCR
Galectin-8
Epa1-Np mutant E22G
HM Thyroglobulin
Epa1-Np mutant Y228A
Sp Serotype 4 CPS
MGL-6A-P262T
VLRB.aGPA
WT Galectin-3
TTL
ACT
CC1G-10077
Epa1-Np mutant Y228A
CA19.9-1-BR-14
MAA(Seikagaku)
#15 Sialyl Lewis X (Lab)
HPA(EY Lab)
CasBP
Mono20-CONI
CA19-9 Ab
Epa1-Np mutant E22G
DSA
Avaren-Fc
PhoSL
PSA
#14 Sialyl Lewis X (Lab)
rNV-VLP-C-3
rNV-VLP-C-3
CSA(EY Lab)
HAA
LSL
UEA-I
PL
LEL
hJAA-F1-B11
ECL
MAA
GSL-I B4
TbFBL-1
AAL
LBL-132
MAL-I
PNA
Bovine Fetuin
GS-II (EY Lab)
MAL-II
DBA
ACA
AEC/NVH
ConA
Agn-Fc
ME5(detected with a-HUD)
PSA
PTS-I-3
PTS-I-4
Mouse NKR-P1C
WGA(Seikagaku)
SBL
TbFBL-2
HPA
AIA
MPA
Native SSL7
WGA
WGA multimer

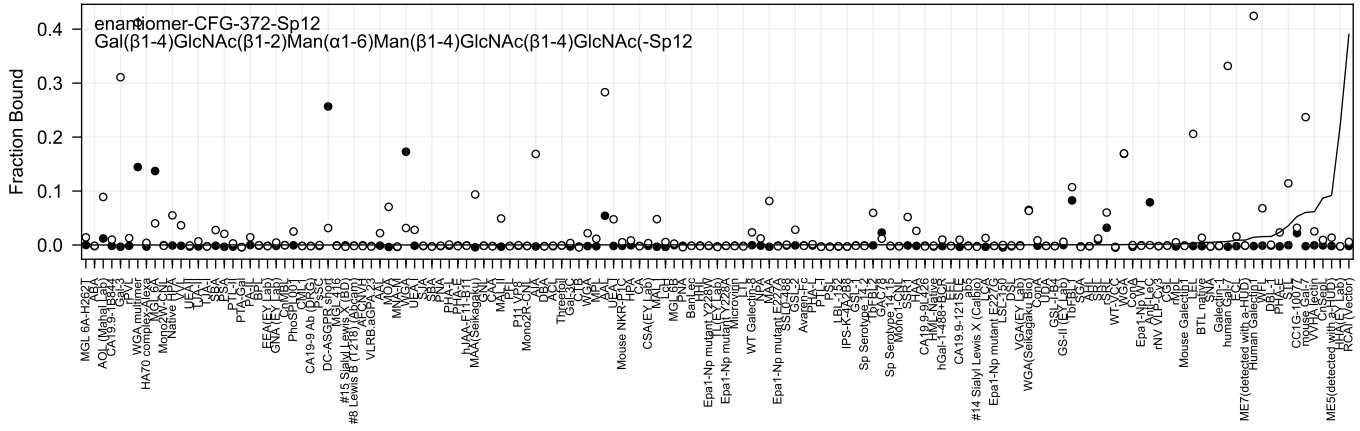

enantiomer-CFG-367-Sp12
Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(-Sp12
Fraction Bound
0.0
0.2
0.4
0.6
hAA-E(1-B1)
GSL(EY
EEA(EY
PHA-E
PHA-L
SNA
SBA
STA
PTA-E
PTA-L
UEA-I
MAL I
MAA(Sekagaku)
MAA(EY Lab)
TL(EY
UDA
CGL
Gal-3
Gal-1
human Gal-3
CA19.9-Y
MGL SB
16-FBL-T
MAL II
SSL-1
PNA
AOL (Mahal
Native HPA
ABA
Mono2W
CNL
UEA-II
Microvirin
WGA
LSL
Epa1-Np mutant S22
Epa1-Np mutant
Mouse NKR
BCL
Threoglol
Gal-8
WGA
Mannan
Epa1-Np mutant V22
AAL
Mouse Galectin1
Human Galectin1
ECL
Epa1-Np
CRM
Ariel
MPL
WGA-nuclear
PhoSL 001
PhoSL 001
LBL 152
ME7(detected with a-TUD)
CSA(EY
HPA
PNA
rNV VLP
HAA
PH V28
#8 Lewis B (T218) (Abcam)
#14 Sialyl Lewis a (Calbiochem)
Sp Serotype 5 123
WT Galectin-3
Sp Serotype 5
AFL
CVN
VVA
MGL 6A
Galectin1
SPL-1
Epa1-Np mutant E227A
Epa1-Np mutant
WGA(Seikagaku Bio)
PNA
Sp Serotype 14-13
CCL2-10077
HML
PHA-E
Gal-2
CA19.9-Y
PsSC
#15 Sialyl Lewis x (BD)
Anti-Dextran
UEA-I
PSA
VLRB.aGP.A23
Galectin-1
MGL 4-1E
hGal-1-488-RCA
GSL-I B4
BTL native
CA19-9 Ab (ORG)
GNA
IPS-K-42-B
PTL-I
MGL SA
LCA
TxRed-2
WGA-2
SSL-1-488
mouse Galectin-1
WFL
MNA-M
WGA
HA70 complex-WGA
DBL
UEA-I
RCAI (Vector)
BauL
GNA(EY Lab)
ME5(detected with a-CDA)
NPA
HHA(EY
SCA
SNA
CSA
AHL

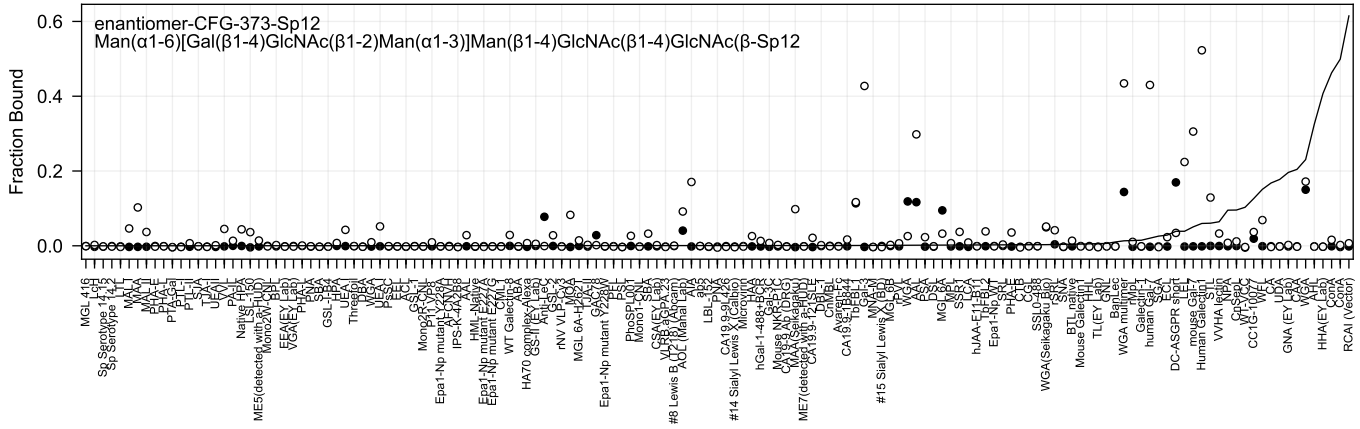

enantiomer-CFG-368-Sp12
Man(α1-6)[Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(-Sp12
Fraction Bound
0.6
0.4
0.2
0.0
#15 Sialyl Lewis X (BD)
Sp Serotype 1
Sp Serotype 2
hGal-1-488
hGal-1-488-EDTA
MAA
PNA
MAL-I
PHA-E
PHA-L
GS-II (EY Lab)
#8 Lewis B (T218) (Abcam)
ME5(detected with a-H Ab)
Native PGA
VLRB.aGPA.293
ME7(detected with a-H Ab)
LEA
UEA-I
PTA
Gal
WGA
ConA
ConBr
AmyLec
CVN
CholB
Human Galectin-1
Mouse Galectin-1
MPL
AOL (Mahal Lab)
IPS-A
Gal-3
mouse Gal-3
Avarren Lec
Gal-7
human Gal-7
GNL
GSL-I
SBA
PNA
PSL
P11
PhoSPV-001
Gal-1
Gal-3
EEA(EY Lab)
PWM
MGL-6B
BPL
CA19-9 Ab (BRST3)
Epa1-Np mutant X-228A
Mouse Galectin-3
MGL 6A-F2621
PTGL
HIM1 (Leaves)
Epa1-Np mutant (E228A)
CA19.9-1-FITC
Thyroglobulin
nNV VLP-FITC
WT Galectin-3
CA19.9-biotin
GSL-I B4
CA19.9 Sialyl Lewis X (CWBA)
#14 Sialyl Lewis X (Abcam)
DC-ASGPR.293(WT)
Epa1-Np mutant (E228A)
NAA(Seikagaku Biol)
Mouse NKRP-1C
CGL
AFCWT
HHL
hJAA-F11-488
CA19.9-1B244
CA19.9-1B244
DBA
Epa1-Np WT
PSL
Epa1-Np mutant (E228A)
VCA(EY Lab)
HPA
GNA
PCL
MAA
Galectin-7
TL(EY Lab)
Sec
CC1G-1007
Mono2W-CNL
Mono2W-CNL
VVHA lectin
CA
CSA(EY Lab)
MPA
MNA-M
WGA mutant PDX
SGA
SNA-I
Mono2R-CNL
SSL(I)-488
GNB(EY Lab)
WGA(Seikagaku Biol)
Bar-HEL
HA70 cpmpex
HA70 cpmpex
WT-VCC
VCA
SJL
PSL
PSL
UEA
UEA
ConA
ConA
SNA
RCAI (Vector)

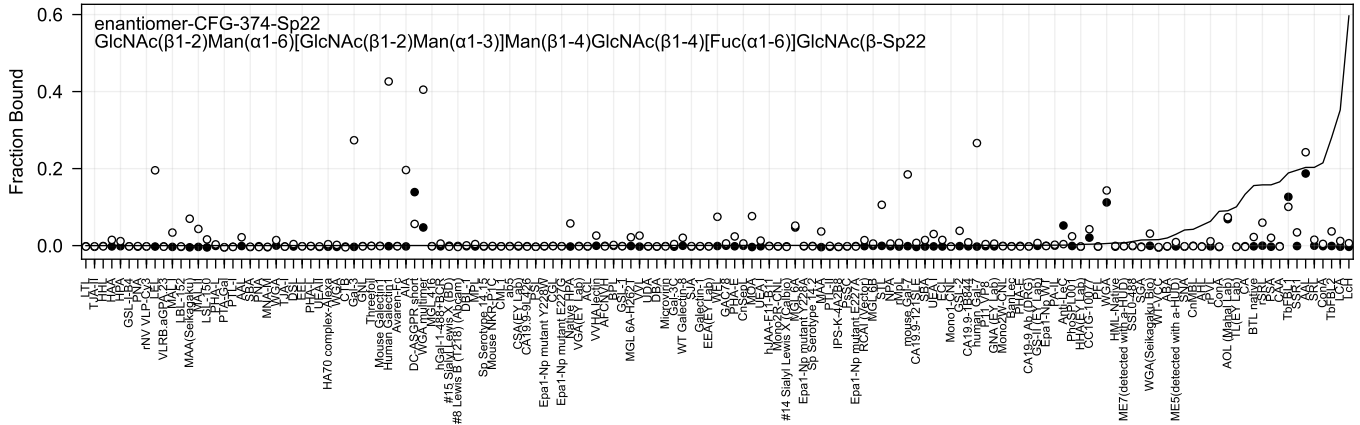

enantiomer-CFG-369-Sp12
Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)Man(β1-4)GlcNAc(β1-4)GlcNAc(-Sp12
Fraction Bound
0.6
0.4
0.2
0.0
MGL6A-H262T
WGA mutant
HA10 complex
DC-SIGN-Alexa
CCR5-Alexa
CCR2-Alexa
Native HPA
Sp Serotype PA-IL
WFL
UEAII
UDA
VVL
VLRB.aGP.23
Galectin-4
PNA
PTA-I
PTA-II
Gal-3
human DEC-1
Gal-1
IPSK-1A298
HMW-EPOR
WFA
MNA
VGA
VGA(EY Lab)
SNA
SSA
Avarol-PEG
#8 Lewis B (T218) (Abcam)
GNA (EY Lab)
GS-II (EY Lab)
GS-II (EY Lab)
#15 Sialyl Lewis X (Abcam)
ABA
TEL
#14 Sialyl Lewis X (Gallbio)
CFA/I
CFA/II
ME7(detected with a-SLe(X))
MPL
DBA
MEL
GNL
Gal-7
CTA-8
PVAC-8
Epa1-Np mutant E22V-8
CAB
CAA
Gal-3C
P11
VSA
Mono2R-CNL
ACL
AOL
Mouse Galectin-9
BSL
AAL
MAA(Seikagaku)
CNL
MEL
PHA-E
PHA-L
MAA
Epa1-Np WT
LTL
UEA
THL
Threo-IgG
Human Galectin-1
PA-IL
PhoSL
Epa1-Np mutant Y229A
AOL(Maple Lab)
AOL(Maple Lab)
MG-Ab
TKB
TKB-C1
Mouse NKR-P1C
CA19.9-1B244
PAL
Epa1-Np mutant E22V-8
TLEV
MGL1-Ab
SBA
SJA
SPL
CA19.9-121SLE
WT Galectin-3
PSL
ACL
hGal-1-488-BCH
APC-SNA
Sp Serotype T-2
VVH
hJAA-F11-B31
LBL-152
CA19.9-1116NS-152
mouse Galectin-9
Gal-1
Bani-Lec
Mono1-CNL
LSL-150
PHA-E
PHA-L
CA19-9 Ab (DRC)
CCA
GNA
PSA
Epa1-Np mutant Y229A
CGB
DSL-1
HHA
HHA(Lectinity Lab)
BTL native
WGA(Seikagaku bio)
SSLO-28B
SSLO-48B
Mono2W-CNL
BSL
TJA-I
ME5(detected with a-SLe(X))
KOA (Kendo)
SNA

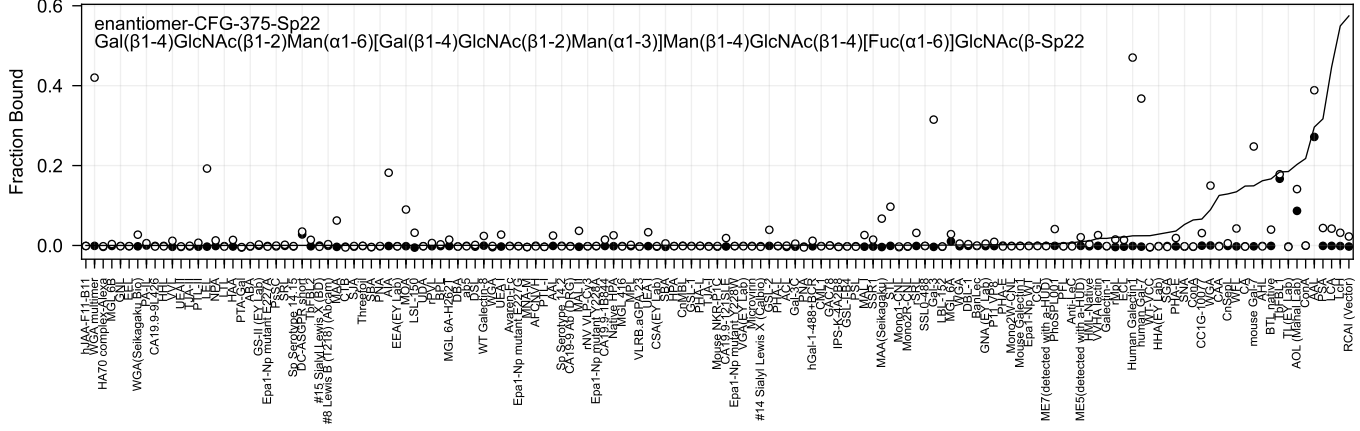

enantiomer-CFG-370-Sp12
Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)Man(β1-4)GlcNAc(β1-4)GlcNAc(-Sp12
Fraction Bound
0.6
0.4
0.2
0.0
WT Galectin-8
CA19.9 - PB44
CA19.9 - PB44
human Galectin-1
GSL-I
HA70 complex-Fascin
Crosslink
SVV
PhoSL
Epa1-Np mutant EPA-1
Epa1-Np mutant EPA-2
MAA
AOL (Maha1 Lab)
IPS-4-1
GS-II (EY Lab)
BS
SS Stomoxys 1-2
DC-ASGPR-CRD
VCAM-1
#8 Lewis B (Gal-1-488-BCR)
VCAM-1
MEZ(detected with a-HUD)
MEZ(detected with a-MOA)
VGA(EY Lab)
SBA
EEA(EY Lab)
AAL
ACL
Human Galectin-1
GSL-I
ACL
CSA(EY Lab)
BCL
CCL
CCB
FHL
HPA
Mouse Galectin-1
HPA
Threefold
Anti-FGF
ACA
Mono1-CNL
Mono2R-CNL
GSL-I-B4
PEA
PEL
NPA
Morpxvin
WFL
Epa1-Np mutant EPA-2
#11 Sialyl Lewis X (Calbio)
Epa1-Np mutant EPA-1
PTA-1288
GALA
MPL
MAA(Seikagaku)
sp Sialoprotein
CML-1
CA19.9 Ab (DRG)
CA19.9 - PB44
Gal-1
MAL
TNF-BL-1
nNV VLP-EXI
WGA
HML-NSBA
CSA(EY Lab)
CCL(EY Lab)
Mouse NK-DPTC
#15 Sialyl Lewis b
WAT-1
WAT-1
hJAA-F11-B1
BHA-E
LBL
PNA
PTL
SGA
SGA
Galectin-1
Avidin-FC
LSL-150
ABA
ABL
HHA(EY Lab)
ABL
DBL-1
MPA
MPA(EY Lab)
GNA (EY Lab)
CCL(EY Lab)
Bauhinia
ConA
BTL
mouse Galectin-9
AFCRV-1
Mono2W-CNL
ABA
VVHA
Jacalin
PSL
MGL 6A-H262
Native UCH
SNA
SNA-B
MGL-BB
WGA(Seikagaku)
UDA
RCAI (VECTOR)
WGA mutant
STL
VFA
SNA
LEL

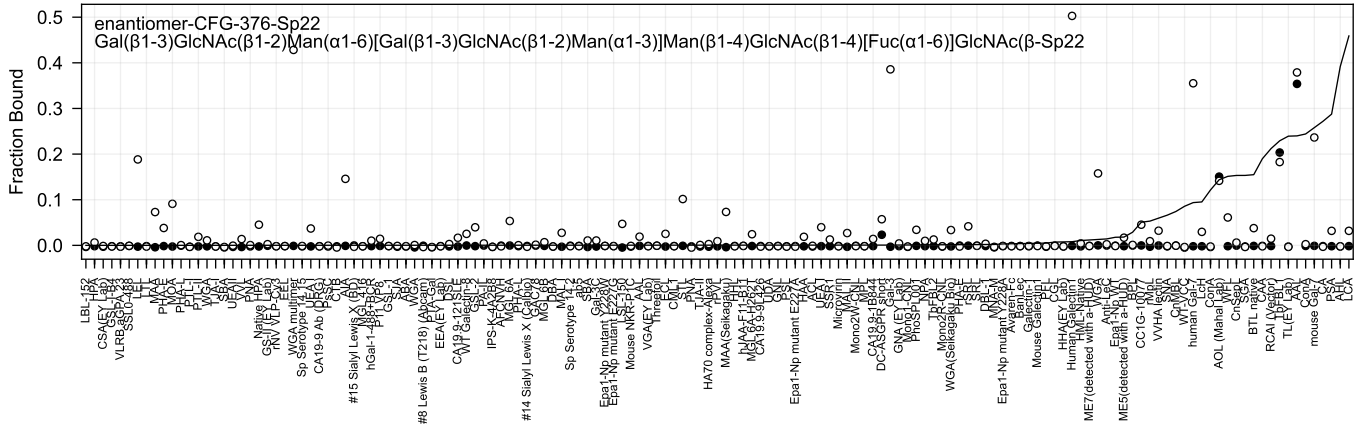

enantiomer-CFG-371-Sp12
Gal(β1-4)GlcNAc(β1-2)Man(α1-3)Man(β1-4)GlcNAc(β1-4)GlcNAc(-Sp12
Fraction Bound
0.0
0.2
0.4
0.6
hJAA-F11
PBA
Mono2W-PNA
ABA
CA19.9-Ab
Gal-1
DBL-1
MGL-6B
ACL
AGL
MAL-1
Native HPA
WFA
VVL
PNA
PHA-E
PHA-L
PTA
PTA-Gal
BPL-1
JAC
EEL
EEA(EY Labs)
GSL-I
GSL-II
UEA-1
CTB
PhoSP-001
Galectin-1
DC-ASGPR-Fc
MGL 418
#15 Sialyl Lewis X (IgD)
WGA
Thy-1
ME5(detected with a-HUD)
AOL
UEA-1
Mono2R-PNA
SBA
SGA
BNA
VGA(EY Labs)
SBA
Epa1-Np mutant Y-2
SBA
VLRB.aGP
BAX
MGL 6A-H-2K21
CA19.9 Ab (BRS)
CA19.9 (B874)
Epa1-Np mutant E-2
BSA
PNA
PAL
MAA(Seikagaku)
MGL 6A
Microsphere
Bip1
HML-hBave
AOL
Sp Serotype 14-13
Sp Serotype 14-12
Epa1-Np mutant Gal-2
CFL
CFL
CFA(EY Labs)
WT Galectin-3
Sp Serotype 14-2
#8 Lewis B (T218) (Abcam)
HA(Complex)-Alexa
CSF-1 (EY Labs)
CD4M9
Mono-Fc
iPSR-Ab
WT-Sox
hGal-1-488+BCR
Bandeiraea
Anti-LAC
GAC-1
#14 Sialyl Lewis X (Calbiochem)
LSL-EB2
Tomato
CBA-1
Gal-1
ATCC-CCL-119
Epa1-Np mutant E-2
SSLL-488
MNA-M
AOL (Mab)
PHA-P
TSB
SBL
TKB-1
Mouse NK-1
BPL-A
Mouse Galectin-1
ME7(detected with a-HUD)
Epa1-Np
NGA
rNY-VLP-CS3
BTL mAb
WGA
Mo1
human Galectin-1
ECL
Human Galectin
UDA
VVHA lectin
mouse WGA
VGA
CC1-Galectin-7
GNA(EY Labs)
WFA
WGA(Seikagaku)
Bip
LEL
WGA (Vector)
ACA
WGA

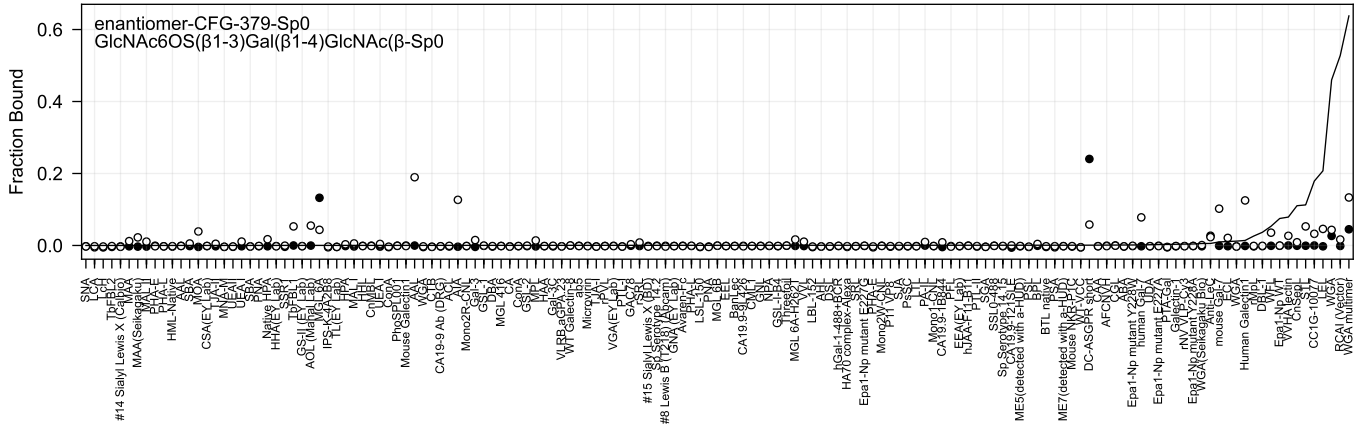

enantiomer-CFG-372-Sp12
Gal(β1-4)GlcNAc(β1-2)Man(α1-6)Man(β1-4)GlcNAc(β1-4)GlcNAc(-Sp12
Fraction Bound
0.0
0.1
0.2
0.3
0.4
MGL 6A-H2627
ABA
AOL (Mature)
CA19.9-1
Gal-3
WGA multivalent
HA70 complex
Mono2WCN
Native PDA
UEAII
LCA
SBA
PTL-I
PTA-Gal
BPL
EEA(EY Lab)
GNA
PhoSL
SoyBean
CML
CA19-9 Ab (BioSci)
DC-ASGPR short
#15 Sialyl Lewis X (BD)
#8 Lewis B (1218)
VLRB.aGPA
MOR
MNA-M
UEA-I
SNA
BNA
PHA-E
PHA-L
MAA-F11
MAA(Seikagaku)
GNL
MAL-I
PNA
P11
Mono2R-CN
DBA
ACL
Tn(Galβ1)
GalNAc
VCB
VVL
MPL
LEA1
LEA2
Mouse NKR-P1C
HCA
CSA(EY Lab)
MGL
CGL
PNA
Banlec
Epa1-Np mutant Y228W
Epa1-Np mutant F228A
Microvirin
WT Galectin-8
NEA
Epa1-Np mutant F227A
SSL7(GS189)
Avaptin-FC
PSL-1
PSL-2
LBL
IPS-K-12-488
TOFB-8
Sp Serotype 1-2
TOFB-4
Sp Serotype 1-13
MonoSSN
HPA
CA19.9-4
HMC-Native
hGal-1-488-FC
CA19.9-121
#14 Sialyl Lewis X (Calbio)
Epa1-Np mutant E229Q
Epa1-Np mutant E229A
VGA(EY Lab)
WGA(Seikagaku, Bio)
CoDA
GSL-I B4
GS-II (HB-1)
TxFB1
STA
SBT
WT-VSL
VGA
CoDA
Epa1-Np WT
rNV VP1-CS
VGL
Mouse Galectin-1
BTL native
SNA
Galectin-7
human Galectin-7
ME7(detected with a-HuCD
Human Galectin-1
PNA
PHA-E
PHA-L
CCG-10077
TWSB
WGA Gallin7
CnSBP
ME5(detected with EY Lab)
RCA (Vector)

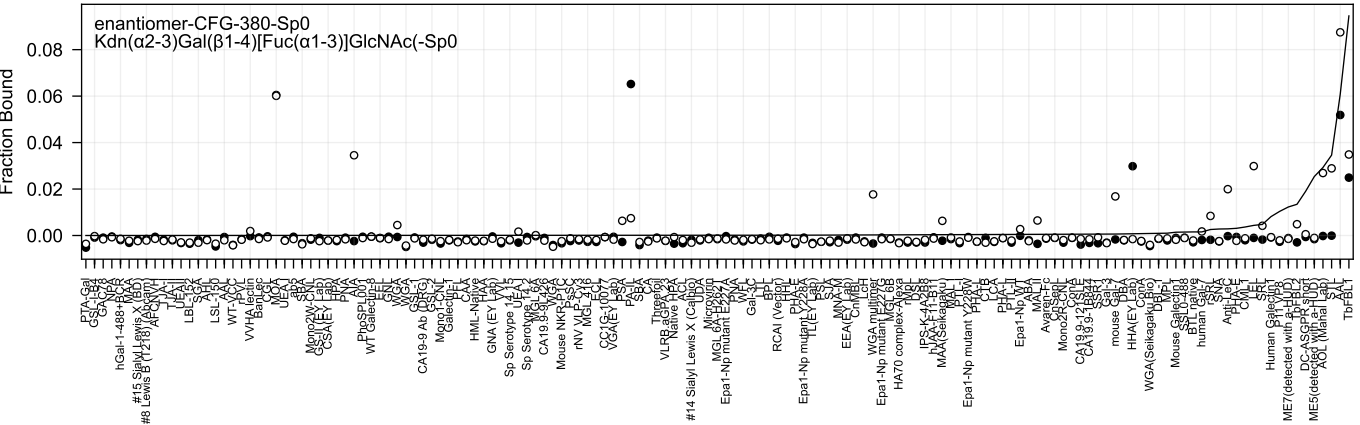

enantiomer-CFG-373-Sp12
Man(α1-6)[Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp12
Fraction Bound
0.0
0.2
0.4
0.6
MGL 416
Sp Serotype 4 (13
Sp Serotype 4 (13
TYE
MAA
MAL II
MAL I
PHA-E
PHA-L
PTA (Jac)
PTL-I
TJA-I
UEA I
PAL
PNA
Nattos HPA
ME5(detected with anti-UO)
Mono2W
BPL
PTA-L
VGA(EY Lab)
PHA-E
SBA
GSL-IB4
UEA I
Threo(pol)
VFA
VGA
PESG
EEL
GSL-I
Mono2R
Epa1-Np mutant Y229A
Epa1-Np mutant Y229F
IPS-R-A2B8
AAL
HML-NP-DrCL
Epa1-Np mutant E227A
Epa1-Np mutant E227Q
WT Galectin-8
HA70 complex-Alexa
GSL-II (EY Lab)
GSL-2
nVV VLA
MOA
MGL 6A-H282T
GNA
Epa1-Np mutant Y229W
Epa1-Np mutant Y229H
FSL
PhoSP-DNL
Mono1-DNL
SBA
GSA(EY Lab)
VLB-B-GA-23
#8 Lewis B (Kamiya)
AOL2 (Kamiya)
AIA
LBL-362
CA19.9-PVA
CA19.9-PVA
#14 Sialyl Lewis X (Calbiotech)
Microlectin
hGal-1-488-BSR
Mouse NK-DrCL
CMA(Seikagaku)
ME7(detected with anti-UO)
CA19.9-PAA
DBL
CMEL
Aleuria
CA19.9-TBB47
TcGal-1
Gal-1
NVJ(Kamiya)
MGL-6B
#15 Sialyl Lewis X
VGA
VFA
ASA
DSL
MGL
SSB1
hJAA-F11-B-01
TNF-B
Epa1-Np
SRL
PNA
CGL
SSL(Uchiyama)
WGA(Seikagaku)
SRL
BTL naive
Mouse Galectin-1
TL(EY Lab)
Bauhinia
WGA multimer
Galectin-1
human Gal-1
ECL
DC-ASGPR stem
PEL
mouse Gal-1
Human Gal-1
SJL
VVHA
NPA
GNA
CC16-1007
WFL
CC16-1007
UDA
GNA (EY Lab)
CAA
VGA
VFA
VVL
HHA(EY Lab)
ConA
RCAI (Vector)

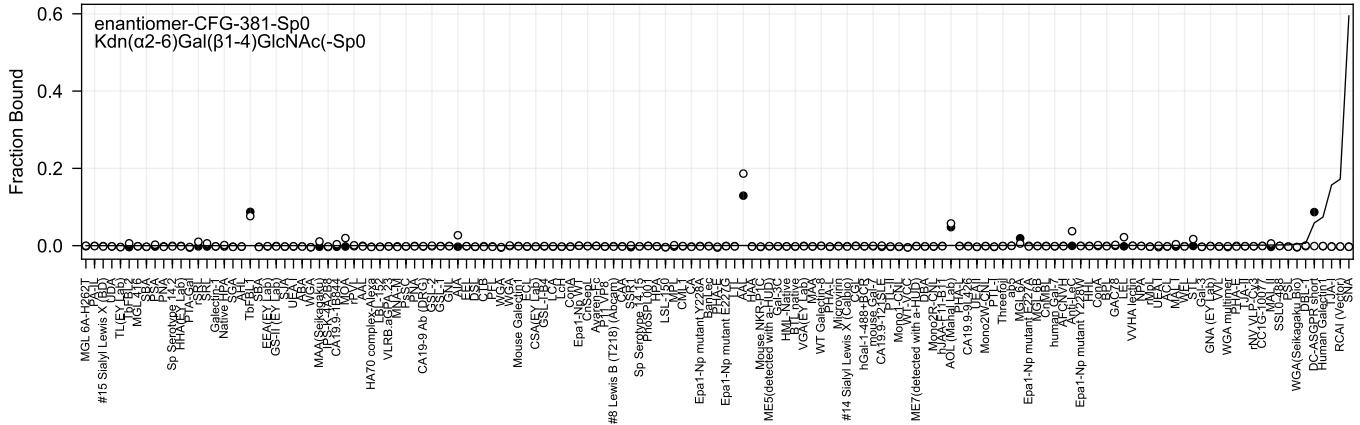

enantiomer-CFG-374-Sp22
GlcNAc(β1-2)Man(α1-6)[GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)[Fuc(α1-6)]GlcNAc(β-Sp22
Fraction Bound
0.6
0.4
0.2
0.0
LTI
T-ALL
HCL
HEA
GSL-PNA
rNV VLP-Cy3
VLRB.aGPC.5
LBL
MAA(Seikagaku)
LBL(Acl)
LSL(Acl)
PHA-L
PTL-I
SBA
BNA
MVGA
DSL
EEL
PNA
PWM
HA70 complex-Alexa
CTB
GalC
Monosialo Galectin1
Threefold Human Galectin1
Avarem-LAC
DC-ASGPR short
WGA-Alkaline
hGal-1-488-Biotin
#15 Sp Lewis B (Y218) (Acam)
#8 Lewis B (Y218) (Acam)
DBA
Sp Serotype 4-13
Mouse NKR-CML
CSA(EY Lab)
CA19-9-Alexa
Epa1-Np mutant Y228A
CGL
Epa1-Np mutant Y228F
VGA(EY Lab)
VVH(Alexa)
ACL
BDL
MGL 6A-Fc
Gal-1
Gal-7
DBA
Galectin-8
Microvillin
WT Galectin-1
SJA
Galectin-1
EEA(EY Lab)
ACL
GALA
GNA
CrmA
NPA
hJAA-F1-Alexa
Mono2R-CML
WGA(Vector Lab)
#14 Sialyl Lewis X (Kaiko)
Epa1-Np mutant Y228A
Sp Serotype 4-13
MAA
IPS-K-4-Alexa
Epa1-Np mutant Y228C
Epa1-Np mutant Y228S
RCA120
MGL-GB
NPA
mouse Gal-7
CA19-9-12-18-E
UEA1
Mono1-CML
CA19-9-Alexa
Gal-2
Human Gal-4
P21 YPB
GNA
Mono2N-CML
Barley-E
CA19-9 Ab (DRG)
GS-II-B4
Epa1-Np WT
PAA-L
Anti-Pho-1 (ms)
Pho-1 (ms)
CC(YE Lab)
PFL
HML-Native
SLL-Native
SCA
WGA(Seikagaku)
ABA
ABA
SNA
CrmB
MEL
PV
Con A
AOL (Mabal Lab)
TL(EY Lab)
BTL native
PSL
PSA
CrmA
TcSSR1
SAL
CGA
TbSSR1
BCA
LCA

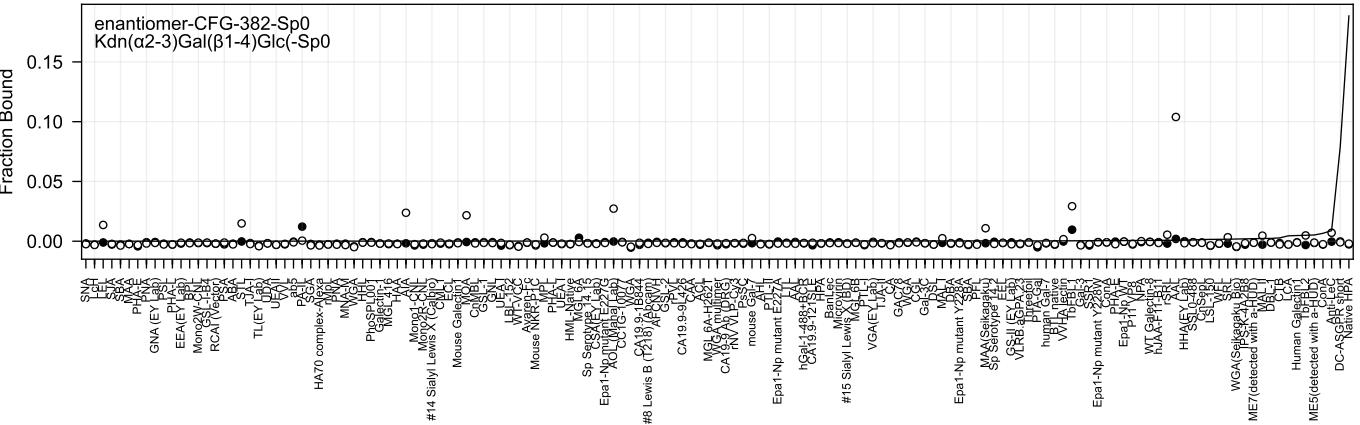

enantiomer-CFG-375-Sp22
Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)[Fuc(α1-6)]GlcNAc(β-Sp22
Fraction Bound
0.6
0.4
0.2
0.0
hAA-F11, B11
WGA mutant
HA70 complex
MGL
GNL
WGA(Seikagaku)
Ecl1
CA19-9-Sp
CA125
HIF
LEL
LYT
PTA-I
PTA-II
NDA
HAA
PTA-Gal
GS-II (EY Lab)
Epa1-Np mutant Y228C
SSL1
SSL5
So Serotype 1
DC-SIGNR
#15 Sialyl Lewis X (Ab)
#8 Lewis B (1218) (Abcam)
VVA
SNA
Thrombin
SBA
PNA
EEA(EY Lab)
MAL
LSL-150
UDA
BPL
DBA
SBB
WT Galectin-3
VIEA
Avaren-Fc
Epa1-Np mutant Y228A
MAA-M
APA-M
ACL
ACL
So Serotype 2
CA19-9-Sp
rNV VP1
Epa1-Np mutant Y228A
CA19-9-Sp
Nigrin
MGL 4/8
VLRB.aG2.c3
CSA(EY Lab)
SBA
MEL
Con A
RSL-1
PHA-L
PHA-E
Morex NRS-STF
Epa1-Np mutant Y228W
Vicia villosa
#14 Sialyl Lewis X (Calbiochem)
PHA-L
GalNAc
ENA
hGal-1-488
CML1
IPS-A
GAL208
GSL-I B4
MAL
SSA
MAA(Seikagaku)
Mono2-CNL
Mono1-CNL
SSL Gal-3
LBL-1
LBL-2
WGA
BGL
BGL-1
GNA-EY (Lab)
PTA-E
PHA-E
Mono2-CNL
Mono3-CNL
Epa1-Np WT
ME7(detected with anti-HD)
PhoSP-Dpi
Anti-Ec
ME5(detected with anti-HD)
VVA Lectin
Galectin-1
Mpi
Ecl1
Human Galectin-1
human Gal-1
HHA(EY Lab)
SCA
PHA
SNA
CC1G-Gal-4
WGA
WGA
CnSpA
WEL
mouse Gal-7
AAL
BTL (EY Lab)
TL (EY Lab)
AOL (Mafra Lab)
Con A
PSA
PSA
LCA
RCAI (Vector)

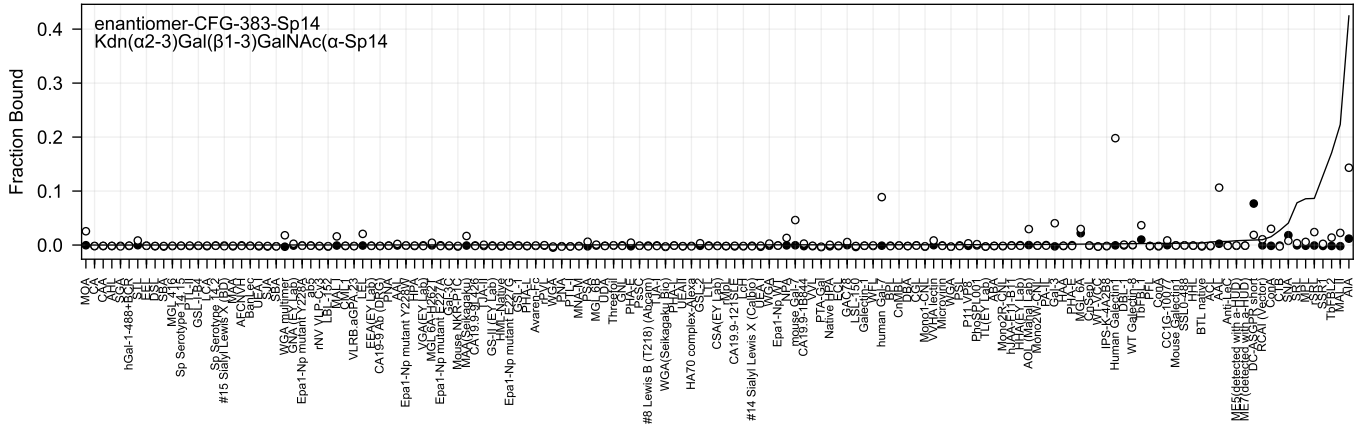

enantiomer-CFG-376-Sp22
Gal(β1-3)GlcNAc(β1-2)Man(α1-6)[Gal(β1-3)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)[Fuc(α1-6)]GlcNAc(β-Sp22
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
LBL-152
LBA
CSA(EY Lab)
VLRB.aGP.123
SSLO-488
MIT
PNA
MAA
PHA-L
PTL-I
WGA
SBA
UEA-I
PWM
Native PHA
Gs-IV
RNA VEL-SAN
EEL
WGA mutant
Sp Serotype 14 Ab
CA19-9 Ab (DEL)
PsaB
CAA
#15 Sialyl Lewis X (EY Lab)
hGal-1-488-BCR
PSA-1
GSL-I
SJA
WGA
#8 Lewis B (T218) (AAV-Jan)
EEA(EY Lab)
CA19.9-121 SCE
WT Galectin-3
PaaT
IPS-A-488
MGL-6A
MGL-6B
MGL-6C
DBA
VVL-2
SNA
Sp Serotype 14 Ab
Gal-3
Epa1-Np mutant E222K
Epa1-Np mutant E222Q
Mouse NKR-P1
AAL
VGA(EY Lab)
Thy1(EY Lab)
BPL
CCL1
PNA
TJA-I
HA70 complex-Alexa
MAA(Seikagaku)
PHA-L
PHA-E
hIAA-F1-BCR
MGL-6A-BCR
CA19.9-BCR
SNA
CCL2
Epa1-Np mutant E227K
HAA
UEA-I
SSA
Mouse Galectin-1
MAL-II
Mono2W
Mono1
CA19.9
CA19.9-BB44
DC-SIGNR-Fc
Gal-3
GNA(EY Lab)
Mono3
PhoSh-Dot
TRP-1
TRP-2
Mono2-CNL
WGA(Seikagaku)
PHA-E
SSL
SRL
MBL-I
Epa1-Np mutant Y229A
Aleuria-Fc
Galectin-7
Mouse Galectin-1
BPL
HHA(EY Lab)
Human Galectin-1
ME7(detected with MT-HB105)
WGA
Anti-Epa1-Np WT
Epa1-Np WT
ME5(detected with a-Epa1)
CC1G-1077
VVA
VVHA (EY Lab)
SNA
CrVL
wt-VCL
human Gal-1
CoPA
AOL (Mahal Lab)
WFL
CnSL
BTL
BTL naive
RCA I (Vector)
TL(EY Lab)
LFBL
AAL
mouse Gal-1
CoPA
PCA
ABL
LCA

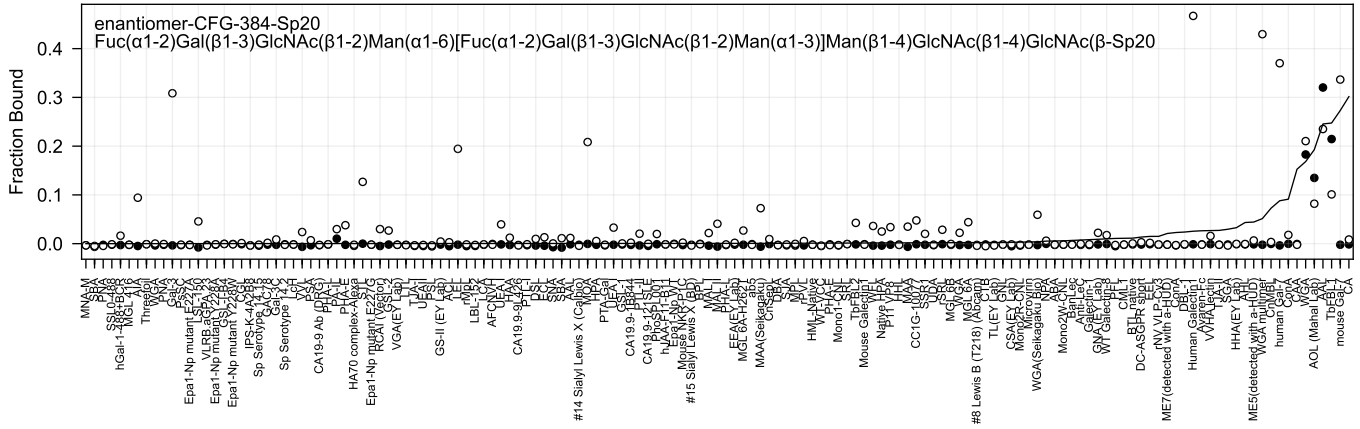

enantiomer-CFG-379-Sp0
GlcNAc6OS(β1-3)Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.6
0.4
0.2
0.0
SNA
TxRBC1
TxRBC2
#14 Sialyl Lewis X (Calbiochem)
MAA
MAA(Seikagaku)
MAL I
MAL II
PHA-E
PHA-L
HML-Native
SBA
WGA
CSA(EY Lab)
MPA
MVA
UEA I
UEA II
LCA
PSA
ECA
HHA(EY Lab)
Native (Lab)
SSA
TxRBC3
GS-II (EY Lab)
AOL (Maria Lab)
IPS-1-CA288
TL(EY Lab)
HPA
VVA
CnBL
CGL
CEA
PhoSLP-001
Mouse Galectin-1
ACL
VGA
CA19-9 Ab (DRG)
AIA
Mono2R-CONT
GSL-I
MGL 2A6
CA
GSL-I-B4
GSL-I-A4
MAL
Gal-3C
VLRB-Fc
WT Galectin-3
abo
Microtubin
PTA
VGA(EY Lab)
PTL-I
GNA
#15 Sialyl Lewis X (BD)
#8 Lewis B (1-2318) (Abram)
GNA (EY Lab)
PHL
LSL
PNA
MGL-EB
CA19.9-Ab
Bam-86
OVX-9
GNL
GSL-I-B4
GSL-I-A4
MGL 6A1 (Hybrid)
VVL
LBL
ASF
hGal-1-488+BCS
HA70 complex-Alexa
Epa1-Np mutant E227G
BTA-E
Mono2R-WT
H11 VDS
PSA
PHL
Mono1-CONT
CA19.9-1B44
EEA(EY Lab)
hJAA-F
PTL-II
SJA
SSL-I
Sp-Sergycin
CA19.9-12-5D5
ME5(detected with anti-BSL)
BSL
BTL native
PNA
ME7(detected with anti-BSA)
Mouse NKR-P1C
DC-ASGPR-sCC
SCA
AFC
OSL
Epa1-Np mutant Y228A
Epa1-Np mutant E227A
PTA-Gal
GNA
nV-VP-CA
Epa1-Np mutant Y228A
WGA(Seikagaku)
AmLec
mouse Lec
WGA
Human Galectin-1
DVL
Epa1-Np WT
CnSegII
CC1G-10077
WEL
RCA I (Vector)
WGA multimer

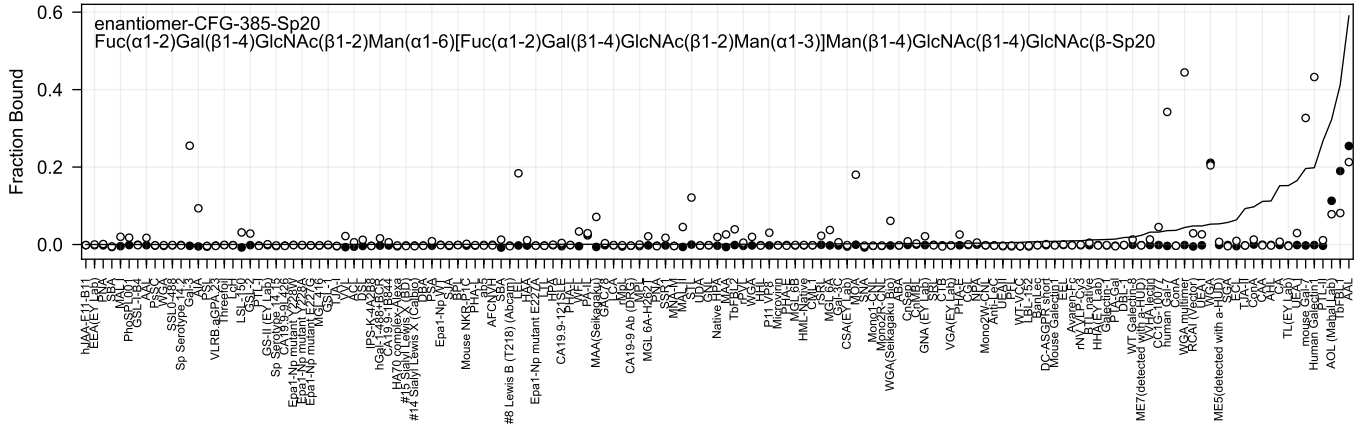

enantiomer-CFG-380-Sp0
Kdn(α2-3)Gal(β1-4)[Fuc(α1-3)]GlcNAc(-Sp0
Fraction Bound
0.08
0.06
0.04
0.02
0.00
PTA-Gal
GSL-I-B4
GAL6
hGal-1-488-PCR
#15 Sialyl Lewis X (Mab)
#8 Lewis B (1218) (Abcam)
ABA
SJA1
UEA-I
LBL-I-54
SNA
LSL-150
WT-ASC
VVHA (Fitc)
Banlec
MOR
UEA-I
SBA
Mono2W-Cy3
CSA(EY Lab)
PNA
PhoSPLA2
WT Galectin-8
GNL
WGA
GSL-I
CA19-9 Ab (BioLg)
Mono1-CNF
Galectin-1
CAA
HML-N-PIAA
GNA (EY Lab)
Sp Serotype 14 F1
Sp Serotype 14 F1
CA19.9-SG-488
WGA
Mouse NKP-SSC
nNV VLP-488
MGL-488
FCA
VGA(EY Lab)
PSA
PSA
SBA
PNA
Tiger-488
VLRB.aGPC.23
Native ACA
#14 Sialyl Lewis X (Calbio)
Microvoid
MGL (EY Lab)
Epa1-Np mutant E2274
PNA
Gal-SC
BP-I
RCAI (Vector)
PTA-Gal
Epa1-Np mutant Y228A
TL(EY Lab)
PSA
MNA-M
EEA(EY Lab)
CnMH
WGA multimer
Epa1-Np mutant T227A
MGL 488
HA70 complex-Alexa
OSA
OSL
IPS-K-488
MAA-T1-B11
MAA(Seikagaku)
BTL
Epa1-Np mutant Y228V
CTB
CTB
PHA-L
Epa1-Np WT
MAA
Avaren-1
Mono2SSRL
CA19.9-Cy3
CA19.9-FITC
SSR-1
mouse Gal-1
DSA
HHA(EY Lab)
WGA(Seikagaku)
MPL
Mouse Galectin-8
BTL (Vector)
human SSR-1
SSR
Anti-PSA
PSA
PHA-E
CEL
Human Galectin-1
PTX VP8
ME7(detected with FCBPL2)
FCBPL2
ME5(detected with FCBPL2)
DC-ASGPR-S (Ucb)
AOL (Mahal Lab)
SAL
Tb-BLT

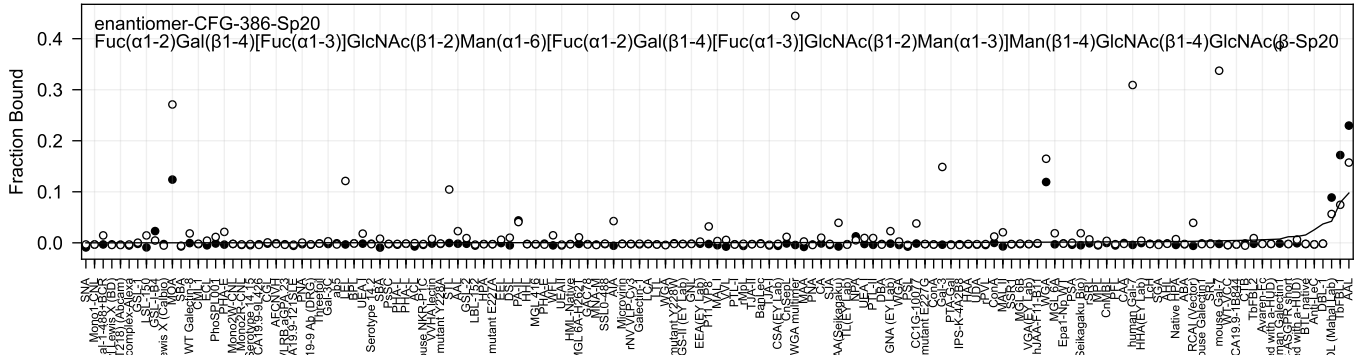

enantiomer-CFG-381-Sp0
Kdn(α2-6)Gal(β1-4)GlcNAc(-Sp0
Fraction Bound
0.6
0.4
0.2
0.0
MGL 6A-H262T
PA2T
#15 Sialyl Lewis X (BD)
TL(EY Lab)
MGL-E16
MGL-E16
SBA
SBA
PNA
PNA
Sp Sergtyze 1-12
HPA(Gal)
PTA-Gal
SRL
SRL
Galectin-1
Native SEA
SEA
ToxA-L
ToxA-L
SBA
SBA
EEA(EY Lab)
GSL-I(EY Lab)
UEA
UEA
VIBA
VIBA
MAA(Seikagaku)
MAA
CPS1-1A2B9
CA19.9-1A3A8
RCA
RCA
TVL
TVL
HA70 complex Alpha
HA70 complex Alpha
VLRB.a-Fc 33
VLRB.a-Fc 33
MAAN
MAAN
PNA
PNA
CA19-9 Ab (BD)
GSL-I
GSL-I
SNA
SNA
EEL
EEL
CTB
CTB
WGA
WGA
Mouse Galectin-1
Mouse Galectin-1
CSA(EY Lab)
CSA(EY Lab)
GSL-I(EY Lab)
GSL-I(EY Lab)
LCA
LCA
Con A
Con A
Epa1-Np WT
Epa1-Np WT
Aleuria-Fc
Aleuria-Fc
#8 Lewis B (T219) (Abcam)
#8 Lewis B (T219) (Abcam)
SCA
SCA
Sp Sergtyze 3-13
Sp Sergtyze 3-13
PR8SP-HA1
PR8SP-HA1
LSL-1-190
LSL-1-190
CML-1
CML-1
Epa1-Np mutant Y229A
Epa1-Np mutant Y229A
Bandeiraea
Bandeiraea
Epa1-Np mutant E224A
Epa1-Np mutant E224A
EJL
EJL
EAA
EAA
ECA
ECA
Mouse NKR-1D1
Mouse NKR-1D1
ME5(detected with Gal-3C)
ME5(detected with Gal-3C)
HAA-Native
HAA-Native
VGA(EY Lab)
VGA(EY Lab)
WT Galectin-8
WT Galectin-8
MPA
MPA
#14 Sialyl Lewis X (Calbiochem)
#14 Sialyl Lewis X (Calbiochem)
hGal-1-488-BCS
hGal-1-488-BCS
CA19.9-1A3A8
CA19.9-1A3A8
Mouse Gal-7
Mouse Gal-7
Mono1-CNL
Mono1-CNL
ME7(detected with a-HLDD)
ME7(detected with a-HLDD)
Mono2R-CNL
Mono2R-CNL
AOL(MAF1-B31)
AOL(MAF1-B31)
CA19.9-1A3A8
CA19.9-1A3A8
Mono2W-CNL
Mono2W-CNL
Threefoil
Threefoil
aa2
aa2
Epa1-Np mutant E224A
Epa1-Np mutant E224A
OSM
OSM
human Gal-7
human Gal-7
AOL(MAF1-B31)
AOL(MAF1-B31)
Epa1-Np mutant Y229A
Epa1-Np mutant Y229A
CGB
CGB
GAC2B
GAC2B
EEL
EEL
VVHA lectin
VVHA lectin
NPA
NPA
UEA1
UEA1
AAL
AAL
MPL
MPL
UEA1
UEA1
Gal-1
Gal-1
GNA (EY Lab)
GNA (EY Lab)
WGA multimer
WGA multimer
PHA-L
PHA-L
RNY VLR-C33
RNY VLR-C33
CC1G-VLR-C33
CC1G-VLR-C33
SSLL-488
SSLL-488
WGA(Seikagaku,Bio)
WGA(Seikagaku,Bio)
DC-ASGPR-BL-1
DC-ASGPR-BL-1
Human Galectin-1
Human Galectin-1
RCAI (Vector)
RCAI (Vector)
SNA

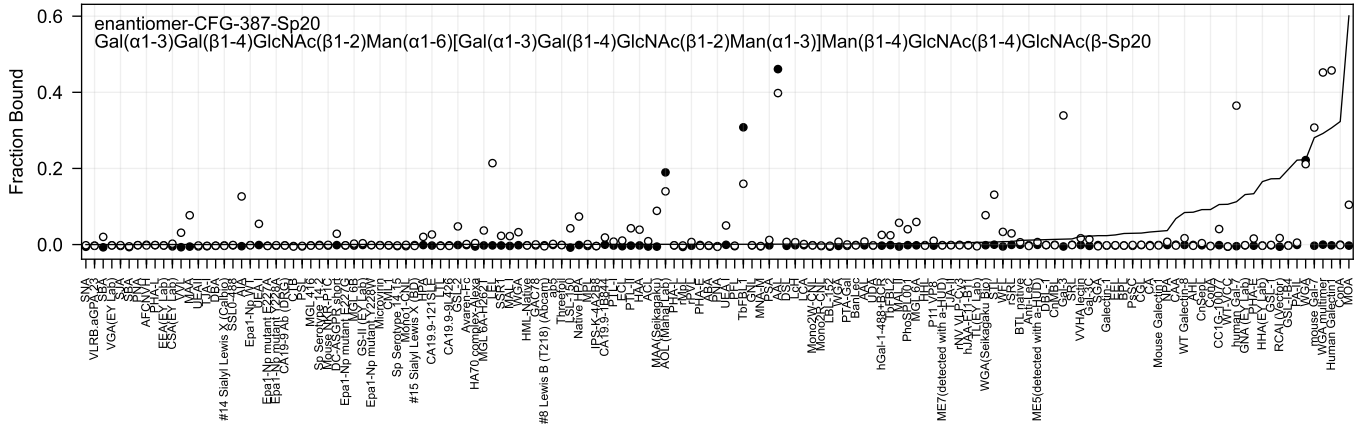

enantiomer-CFG-382-Sp0
Kdn(α2-3)Gal(β1-4)Glc(-Sp0
Fraction Bound
0.15
0.10
0.05
0.00
SNA
LEL
ECA
SBA
MAA
PHA-E
PNA
GNA (EY Lab)
PSL
PHA-L
EEA(EY Lab)
BPL
Monosialo-GM1
RCA(Vector)
ABA
ABA
SJA
TL(EY Lab)
UEA1
VVL
PAL
HA70 complex-Asn
MOR
MNA-M
MNA-G
WGA
PhoSL(Lee)
Galectin-1
NEA
HAA
Monosialo-GM1
Monosialo-GD1a
Monosialo-GD1b
Mouse Galectin-1
WGA
CSL2
GSL4
UEA1
UEA1
VIA-152
AVR3B1-Fc
Mouse NKR2-Fc
PNA
PHA-L
PHA-E
HML-Native
MGL-6A
Sp Serotype 1
CSA(EY Lab)
Epa1-Np mutant E222G
ADU(human)
CCTG-(007)
CA19.9-1-B244
ABC(007)
GSL-2
CA19.9-9-L26
CAA
MGL-6A-H261
CA19.9-Amulet
CA19.9-Amulet
RV VLP-S2
mouse Gal-7
Epa1-Np mutant E222A
PAL
Epa1-Np mutant E222A
AAL
hGal-1488-RCB
CA19.9-12-TBA
#8 Lewis B (T218)
Ban Lec
Mouse Galectin-3
#14 Sialyl Lewis X(TBD)
#15 Sialyl Lewis X(TBD)
MGL-6B
VGA(EY Lab)
UEA1
CAA
GAL-7
CSL
GalNAc
MAA
MAA
Epa1-Np mutant Y226A
SPA
MAA(Sekagaku)
Sp Serotype 1
EEL
Threonol
VGA
VGA
VGA
human Gal-9
VVL native
VVL native
ToBEL-1
SSA-3
PHA-E
Epa1-Np mutant Y226V
PHA-E
Epa1-Np mutant
NPA
WT CEACAM1
MUC1-Fc
SSL
SSL-188
HHA(EY Lab)
SSL-188
LSL
LSL
VRL
WGA(Sekagaku)
WGA(Sekagaku)
ME7(detected with a-DGD)
DGL-1
CTB
CTB
Human Galectin-1
Tg
ME5(detected with a-DGD)
ECL2
CoPA
DC-ASGPR-Fc
Native HPA

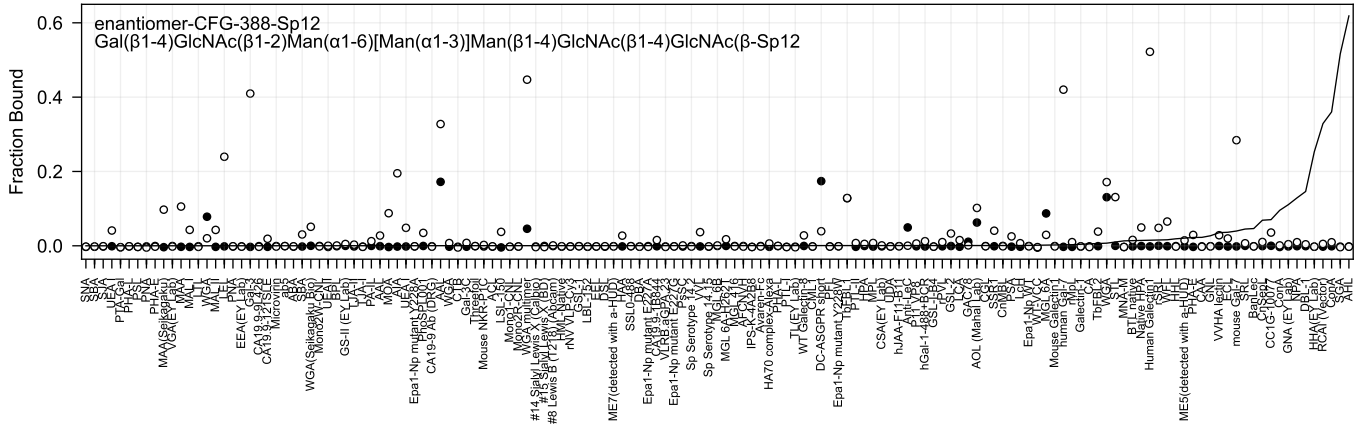

enantiomer-CFG-383-Sp14
Kdn(α2-3)Gal(β1-3)GalNAc(α-Sp14
Fraction Bound
0.0
0.1
0.2
0.3
0.4
MGA
CAA
CAA
SGA
SGA
hGal-1-488+lac
EEL
EEL
SBA
SBA
MGL-488
Sp Serotype PT_1
GSL-I-B4
Sp Serotype PT_23
Sp Serotype PT_2
#15 Sialyl Lewis X (MAG)
AECNVH
BDL-I
UEA-I
SBA
SBA
WGA (mutmer)
WGA (wild type)
Epa1-Np mutant Y228G
rNV VLP_493
LBL-162
LBL-162
KVOL-1
KVOL-1
VLRB.aGP.E1
EEA(EY Lab)
CA19.9 A0 (DRG)
ASA
ASA
Epa1-Np mutant Y228A
HPA
HPA
MGAL(EY Lab)
Epa1-Np mutant E227A
Epa1-Np wild type
Mouse NK-92 P3C
Mouse NK-92 P3C
MAA(Seikagaku)
CA19.9-1B78
TJA-II
TJA-II
GS-I-B4(EY Lab)
Epa1-Np mutant E227G
Epa1-Np mutant E227G
PHA-L
PHA-L
Avarol-PE
Avarol-PE
WGA
WGA
PTA
PTA
MNA-M
MNA-M
MGL-488
MGL-488
Threonin
Threonin
GNL
GNL
PSSE
PSSE
PSSC
PSSC
#8 Lewis B (T218) (Abcam)
#8 Lewis B (T218) (Abcam)
WGA(Seikagaku, Biotin)
WGA(Seikagaku, Biotin)
PLEAII
PLEAII
HA70 complex-Alexa
HA70 complex-Alexa
CSL-I
CSL-I
CSA(EY Lab)
CSA(EY Lab)
CA19.9-121
CA19.9-121
#14 Sialyl Lewis X (Calbiochem)
#14 Sialyl Lewis X (Calbiochem)
UEA-I
UEA-I
Epa1-Np WT
Epa1-Np WT
mouse Gal-3
mouse Gal-3
CA19.9-1B44
CA19.9-1B44
PTA-Gal
PTA-Gal
Native LPA
Native LPA
GAC-7
GAC-7
Galectin-7
Galectin-7
VVL-I
VVL-I
human Gal-3
human Gal-3
BPL
BPL
CholeB
CholeB
CGL
CGL
Mono1 (Lectin)
Mono1 (Lectin)
MorphA lectin
MorphA lectin
Microvirin
Microvirin
PSA
PSA
P11 lectin
P11 lectin
PhoSL (Orf)
PhoSL (Orf)
TL(EY Lab)
TL(EY Lab)
Mono2R-CNL
Mono2R-CNL
HAA(EY Lab)
HAA(EY Lab)
AOL (Marha Lab)
AOL (Marha Lab)
Mono2W-PAL
Mono2W-PAL
PA-IL
PA-IL
Gal-3
Gal-3
PHA-E
PHA-E
MGL-488
MGL-488
WTX-488
WTX-488
IPS-488
IPS-488
Human Galectin-1
Human Galectin-1
WT Galectin-1
WT Galectin-1
TDFBL-1
TDFBL-1
CGL
CGL
CG (G-100)
CG (G-100)
Mouse Galectin-7
Mouse Galectin-7
SSL10-488
SSL10-488
BTL-1 lectin
BTL-1 lectin
ACF
ACF
Fac
Fac
Anti-Fac
Anti-Fac
MIE5(detected with a-HUD)
MIE5(detected with a-HUD)
DCA-488 (GPR short)
DCA-488 (GPR short)
RCAI (Vector)
RCAI (Vector)
CVB
CVB
SBA
SBA
MPL
MPL
SSA1
SSA1
TKA-1
TKA-1
MAL-1
MAL-1
AIA
AIA

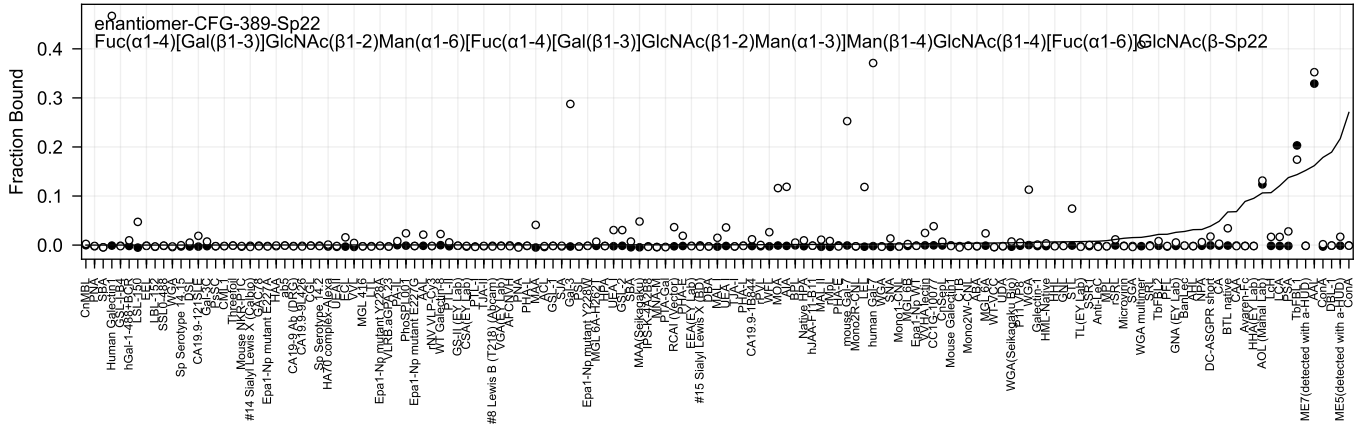

enantiomer-CFG-384-Sp20
Fuc(α1-2)Gal(β1-3)GlcNAc(β1-2)Man(α1-6)[Fuc(α1-2)Gal(β1-3)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp20
Fraction Bound
0.0
0.1
0.2
0.3
0.4
MNA-M
SBA
PNA
DBA
SSL-LN
hGal-1-188-BBR
MGL 416
Threapol
PNA
Gal-2
Epa1-Np mutant E227A
Gal-3
VLRB.a(SP) 53
Epa1-Np mutant Y228A
Epa1-Np mutant Y228W
Epa1-Np mutant Y228V
iPS-K-4-O-Ac
Sp Serotype 14-18
Sp Serotype 1-4-7
Gal-8
Sp Serotype 1-4-5
VVL
CA19-9 Ab (DRST)
PHA-L
PHA-E
HA70 complex-Alexa
Epa1-Np mutant E227G
RCA I (Vector)
VGA(EY Lab)
UEA-I
UEA-II
GS-II (EY Lab)
AIL
AEL
rMel-1
LBL-I
LCA
AFCUA-1
PSA
CA19.9-BT-1
PSL
PSA
SNA
SAA
SNA-I
#14 Sialyl Lewis X (Calbio)
HPA
PTL-I
PTL-II
CA19.9-BT-4
CA19.9-BT-11
CA19.9-BT-12
hAAT-BT-11
hAAT-BT-12
Mouse Lewis X (Kay-C)
#15 Sialyl Lewis X (Bp)
MAL-I
MAL-II
EEA(EY Lab)
MGL 6A-Fasc
MAA(Seikagaku)
Orcinol
DBA
NPA
PNA
PV
HMA-Lewis X
WT-PCA-E
Mono 5-PCA-E
SBL
Mouse Galectin-7
Native WEL
BT-WEL
PTA
CC1G-100/29
SGA
SSA
SBB
MGA
WGA
#8 Lewis B (T218) (Abcam)
CTB
TL(EY Lab)
GNL
GSA(EY Lab)
MOR-L
Microcyn
WGA(Seikagaku)
RPA
ABA
Mono2W-ABA
Barley lec
Galectin-1
Galectin-7
GNA(EY Lab)
WT Galectin-3
BPL
CMLL
BTL
DC-ASGPR slight
rNV VLP-E2
ME7(detected with a-HUD)
DBL-1
Human Galectin-1
AAL(EY Lab)
VVHA lectin
SGA
HHA(EY Lab)
ME5(detected with a-HUD)
WGA mutant
human Gal-1
CVN
OAA
VGA
AAL
AOL (Mahal Lab)
Tha-1
mouse Gal-1
CA

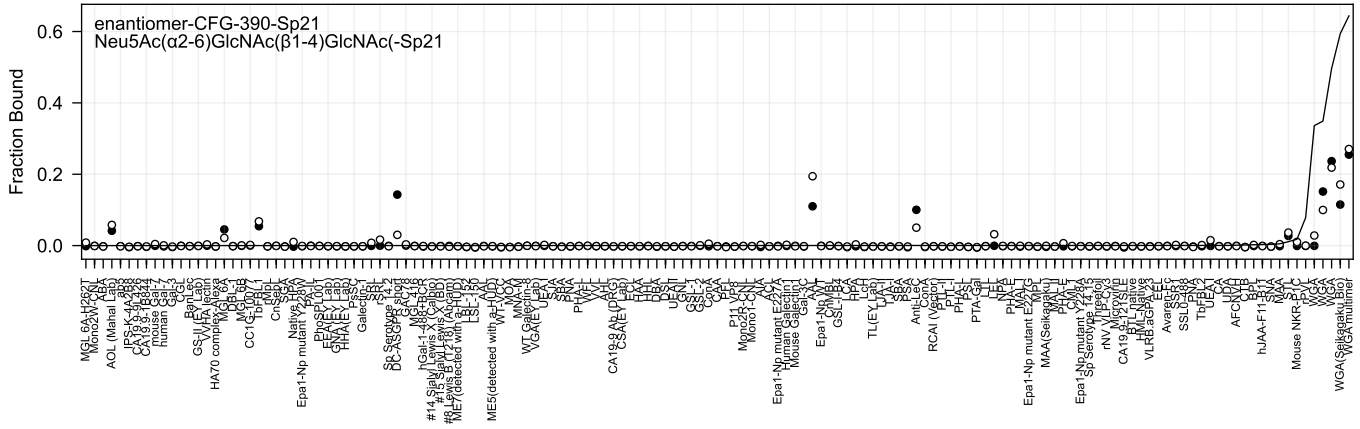

enantiomer-CFG-385-Sp20
Fuc(α1-2)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Fuc(α1-2)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp20
Fraction Bound
0.0
0.2
0.4
0.6
hAA-E(1-B1)
LEA(EY Lab)
ENA
WFA
WGA
Phos-L-Gal
GSL-I-B4
AAL
VVA
SSL-I
SSL-II
Sp Serotype 4
Gal-1
PNA
VLRB aGPA2
Thrombin
LCA
LSL-59
SBA
SHL-1
GS-II
Sp Serotype 14
CA19-9-Ab
Epa1-Np mutant
Epa1-Np mutant
Epa1-Np mutant
MEL-216
GSL-1
VVL
ACT
IPS-1A4
IPS-1A4-A
CA19-9-PB44
#1 H470 complex
#14 Sialyl Lewis X1 (Calbio)
DBA
Epa1-Np WT
BPA
Mouse NK-1
PHA-E
AFG
SBA
#8 Lewis B (T218) (Abcam)
HPA
Epa1-Np mutant E222A
HPA
CA19.9-12
PSA-FET
PNA
MAA(Seikagaku)
GALA
CA19-9 Ab (Dojin)
MGL 6A-PB24
SSA
MAA-II
SJL
GNL
Native HA
TbFB-2
WGA
VFL
P11
Microvirin
MGL-PB
HML-Native
CSA
MGL-3A
CSA(EY Lab)
MNA
Monos1-CNL
Monos2-CNL
WGA(Seikagaku)
Bio
ABA
CoMBL
SBL
CHS
VGA(EY Lab)
PHA-L
NPA
Mono2-CNL
Ant-H
UEA-II
VFL
WT-152
LBL-152
DC-ASGPR-Fc
Mouse Galectin-7
Avarol-FE
nVVL(EY Lab)
hVVL(EY Lab)
HHA(EY Lab)
Galectin-3
WT Galectin-3
ME7(detected with a-PrPD)
CCL(CA Lab)
human Gal-7
WGA multimer
RCA(Vector)
WGA
SJA
ME5(detected with a-PrPD)
TEL
ECA
CorA
AOL
CA
TL(EY Lab)
UEA-I
mouse Gal-7
human Gal-1
BYL-1
AOL (Mabtech)
BYL-1(Bio)
AAL

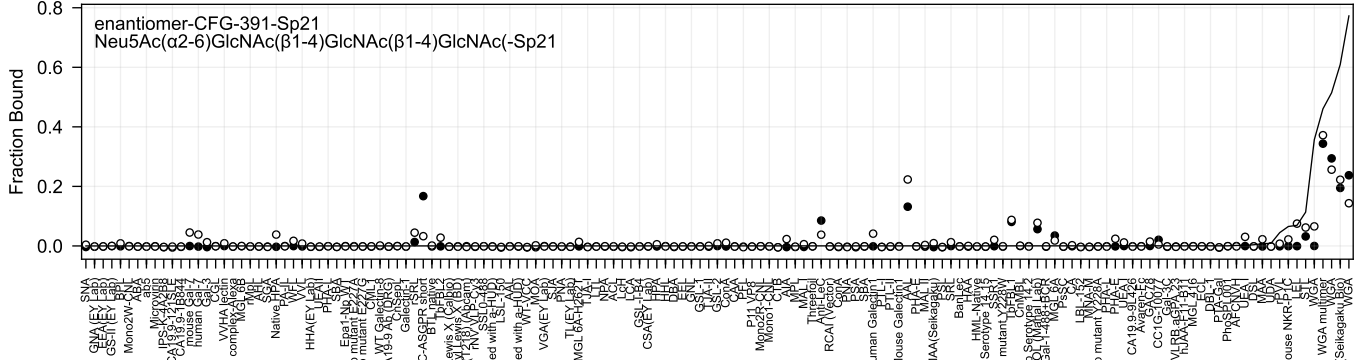

enantiomer-CFG-386-Sp20
Fuc(α1-2)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-2)Man(α1-6)[Fuc(α1-2)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp20
Fraction Bound
0.0
0.1
0.2
0.3
0.4
SNA
Mono1 CNT
hGal-1-488 (EC)
#15 sialyl Lewis X (Calbio)
#8 Lewis B (Calbio)
HA/0 complex-Sp-9
ST-1b1
GTA
#14 Sialyl Lewis X (Calbio)
NPA
WT Galectin-3
CBA
LEC1
PhoSP-LOot
Mono2W CNT
Mono2H CNT
Sp Serotype 14
Mono24-CNT
CA19-9-L428
AFCON-01
VARB-a-gal-2
CA19-9-L212
PNA
CA19-9 Ab (DEC)
hGal-3c
Gal-3c
PEP
UEA-1
LEL
Sp Serotype 14
SSB
PHA-L
PHA-E
ACL
Mouse NKR-P1C
Epa1-Np mutant Y228A
SAL
GSL-2
LBL-I
Epa1-Np mutant E228A
PSL
PSA
PNL
MPL-L12
WFL
VVL
HML-I
MGL 6A-Y264A
MNA-N
SSLL-A08
MNA-M
rNV Mycorrhiza
Galectin-7
LCA
Epa1-Np mutant Y228A
WGA
GSII-B4
CNL
EEA(EY Lab)
PTL-I
MAL
PTL-II
TJA-II
Bauhec
CSA(EY Lab)
CSB(EY Lab)
WGA mutant
WGA
SNA
SJA
MAA(Seikagaku)
TLE(EY Lab)
UEA-1
PNA
GNA (EY Lab)
VVA
CC1G-0077
Epa1-Np mutant E228A
Galectin-3
Gal-3
PTA
IPS-K-A288
UDA
PVL
PVA
MAL-I
MOA
MOSS-B
VGA(EY Lab)
hJAA-F1
WGA
Epa1-Np
MGL-6A
PSA
WGA(Seikagaku Lab)
MBL
BEL
CMA
human Galectin-7
HHA(EY Lab)
GAA
SGA
SGL
Native ABA
ABA
RCA (Lectiny)
Mouse Galectin-1
SBL
mouse Galectin-7
WT-PEC
CA19.9-IgG4
TbFBL2
ME7(detected with anti-PrP)
ME5(detected with a-PrP)
Burkit Galectin1
Burkit Galectin7
B1 naive
Anti-Lewis B
DBL-1
AOL (Marfey Lab)
TF-BL
AAL

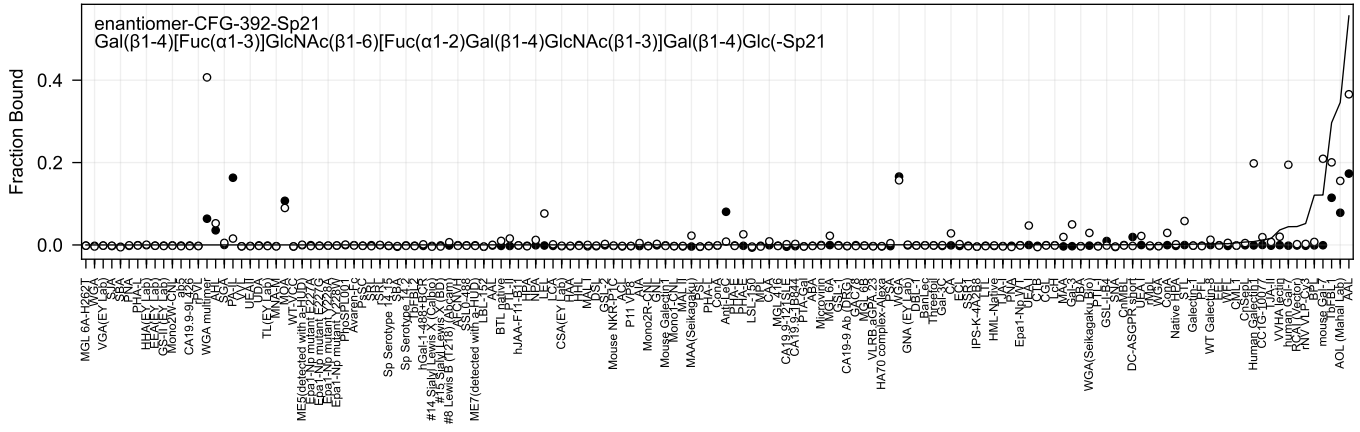

enantiomer-CFG-387-Sp20
Gal(α1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Gal(α1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp20
Fraction Bound
0.6
0.4
0.2
0.0
SNA
VLRB.aGP
SVA
SEA
VGA(EY Lab)
SNA
SRA
WGA
AFCNV1
PNA
EEA(EY Lab)
CSA(EY Lab)
MAA
UEA1
DBA
#14 Sialyl Lewis X (Carb)
SSL2-488
AAA
Epa1-Np
DSA
Epa1-Np mutant E226A
Epa1-Np mutant E226G
CA19.9 Ab (ORGH)
PSA
MGL-488
Sp Serotype 14
Mouse NKR-P1C
Epa1-Np mutant E226D
Epa1-Np mutant E226W
GSII (MGT-Lab)
Epa1-Np mutant Y228W
MicroCNT
Sp Serotype 14-15
#15 Sialyl Lewis X (Carb)
CA19.9-121-FITC
LTA
CA19.9-488
CA19.9-Cy3
Avarum Fc
HA70 commercial
MGL (EAT-2)-488
SSA
SSRT
MAL
MOCA
HML-Native
#8 Lewis B (T218) (Carb)
Native HPA
Native LEA
[Tyr-Sp]
JR3-K-A488
CA19.9-1-488
FCI
HAA
PCA
MAA(Seikagaku Lab)
ACL
AOL (Mahal Lab)
HPL
PNA
PAA
ABA
LEA
UEA1
BPL
Tbx
GNL
MNA
ASA
DSL
LCA
Mono2W_LCN
Mono2R_CNL
LBL
VGA
PTA-Gal
Bang-AF
PPA
hGal-1-488
DPA
PTPR-2
PhoS
PhoS(Alb)
MGL-6A
P11
TEB
ME7(detected with a-HUC)
NV_VLP_Cy3
hAgT(EY Lab)
WGA(Seikagaku Lab)
WFL
ISNA
BTL
ME5(detected with a-HUC)
CMEL
SRL
VVHA(Lectin)
SGA
Galectin-1
BSL
CCL
Mouse Galectin-1
NPA
NTA
WT Galectin-8
CnS
CC16-Cy3
WT(VCC)
INVRT(Carb)
GNA (EY Lab)
HHA(EY Lab)
RCA(Lectin)
GSII(Lab)
PAIL
mouse (VCC)
WGA-multimer
Human Galectin-1
MOA

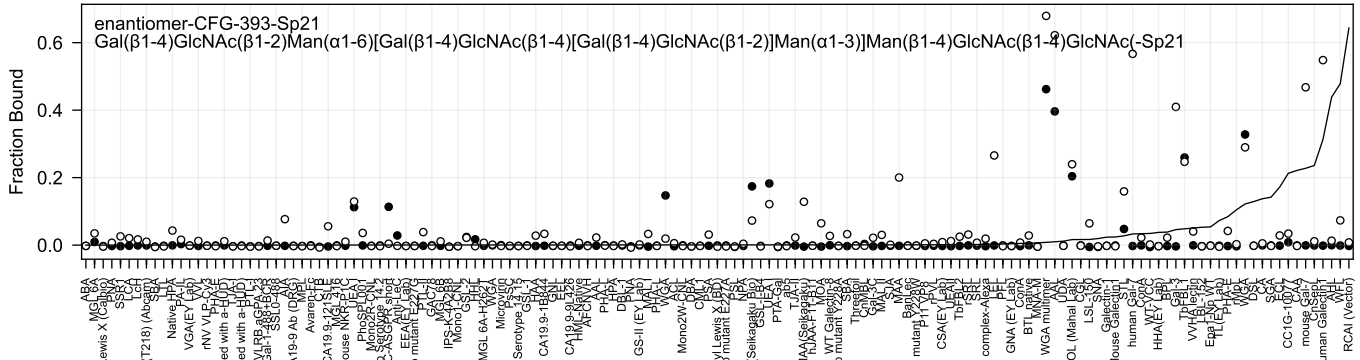

enantiomer-CFG-388-Sp12
Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp12
Fraction Bound
0.6
0.4
0.2
0.0

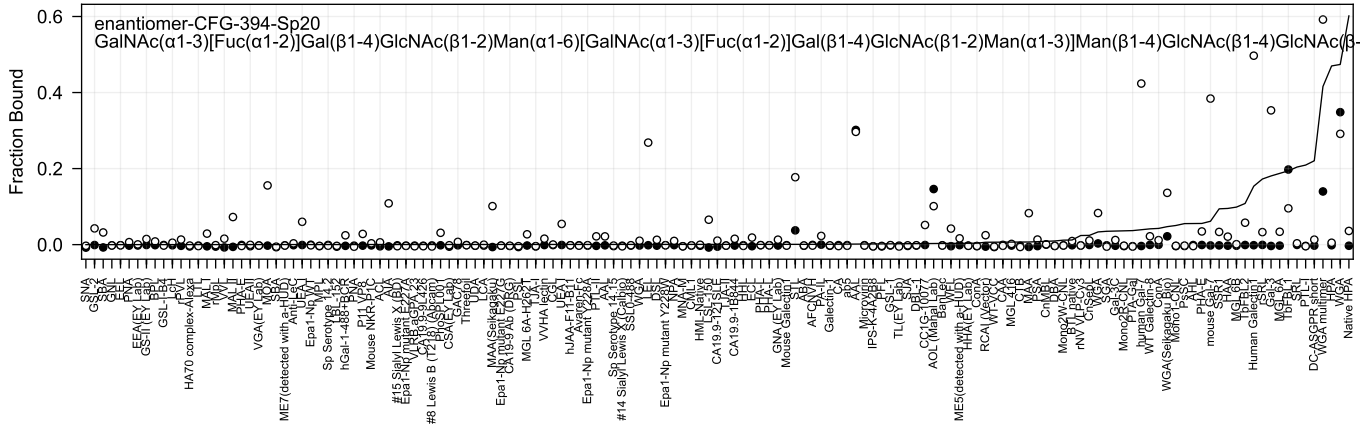

enantiomer-CFG-389-Sp22
Fuc(α1-4)[Gal(β1-3)]GlcNAc(β1-2)Man(α1-6)[Fuc(α1-4)[Gal(β1-3)]GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)[Fuc(α1-6)]GlcNAc(β-Sp22
Fraction Bound
0.0
0.1
0.2
0.3
0.4

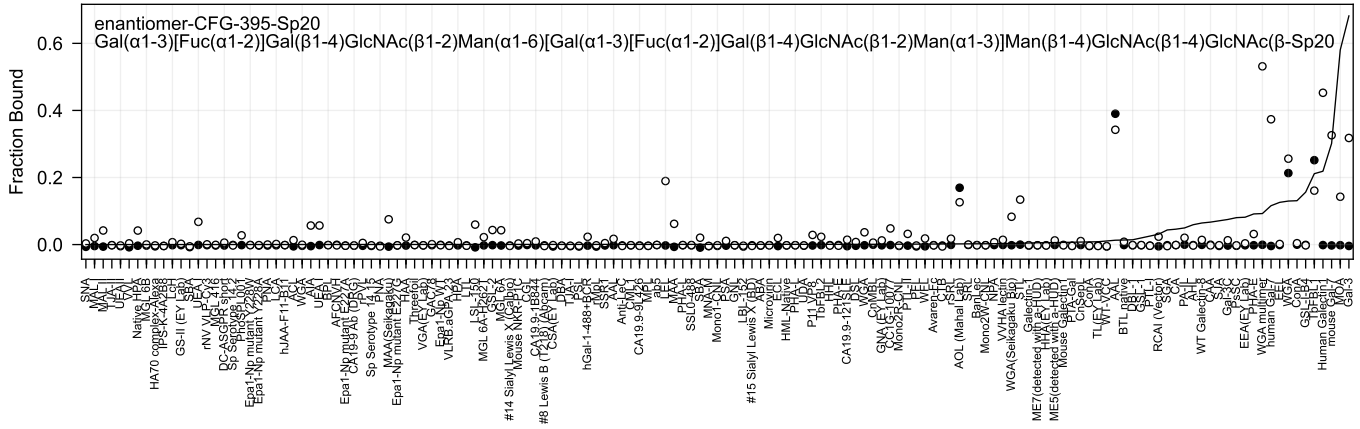

enantiomer-CFG-390-Sp21
Neu5Ac(α2-6)GlcNAc(β1-4)GlcNAc(-Sp21
Fraction Bound
0.0
0.2
0.4
0.6
MGL 6A-H 267
Wonoo2W 2-20
ABA
ABG
AOL (Mahal
PTG
CA19.9-A 238
CA19.9-B 244
human Gal-7
human Gal-3
GS-II (Ecl
Bgn Lec
GVA (Ecl
HA70 complex
Alexa
MGL-1
CC1
Mono 104
TbFBL-1
Con Sep
SBL
SBA
Native Y2
Epa1-Np mutant Y2
PhoSL
PhoSL
EEA(EY Lab)
EEA(EY Lab)
GNA(EY Lab)
Galectin-1
Fsc
SBL
Sp Secretoge
DC-ASGPR sol
SP-D
#14 Sialyl
hGal-1
#15 Sialyl
#13 Sialyl
MLL
ME5(detected with
LSL-152
LSL-155
AAL
MOA
MNA
WT Galectin-8
VGA(EY Lab)
SJA
SNA
PHA-E
PHA-L
VVL
CA19.9 Ab (PRG1
CSA(EY Lab)
EXA
DBA
DSL
UEA-I
UEA-II
GSL-I
GSL-II
CGA
CoA
P21
Mono 2
Mono 3-CNL
AOA
Epa1-Np mutant E227A
human Galectin-1
Mouse Galectin-1
Gal-3C
Epa1-Np WT
SJA(MEL
GSL-I(MEL
LCA
PSA
HPA
TL(EY Lab)
VVA
SBA
Anti-Lec
RCAI (Vector
PTL-I
PTL-II
PTA-Gal
LTA
NPA
PWAM
PWAL
Epa1-Np mutant E227G
MAA(Seikagaku)
MAA-II
CSL-1
Epa1-Np mutant Y245A
Sp Secretoge 14-3-3
rNV Mistletoe
rNV Mistletoe
CA19.9-T 2TSLE
BTA
HM-Native
VLRB aGFP
EEL
Avarol-Ec
SSLD-388
TbFBL-2
UEA-I
UDA
AFCONA
BPP
hAA-F11
SNA
MAA
Mouse NKR-P1C
PNA
WGA
WGA
WGA(Seikagaku)
WGA(Biot)
WGA multimer

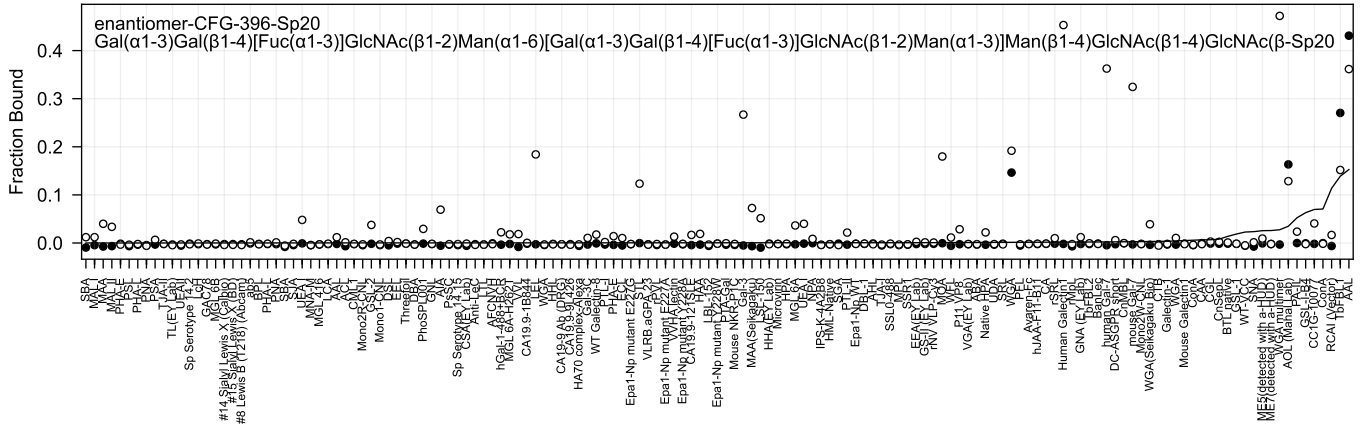

enantiomer-CFG-391-Sp21
Neu5Ac(α2-6)GlcNAc(β1-4)GlcNAc(β1-4)GlcNAc(-Sp21
Fraction Bound
0.8
0.6
0.4
0.2
0.0
SNA
Jacalin
GNA (EY Lab)
GSII (EY Lab)
BPL
Mono2W-Alexa
abs
Mouse Gal-7
human Gal-7
CGL
VVHA
HA70 complex
MGL-6B
ABL
Native SPA
PAA
VVL
HHA(EY Lab)
PHA-E
Epa1-Np mutant Y228A
Epa1-Np mutant E227A
WT Epa1-Np
CNL
CA19.9 Alexa
CA19.9 Cy3
CnSepsl
Galectin-1
DC-ASGPR short
#14 Sialyl Lewis X (PBP)
#13 Sialyl Lewis X (IBD)
#8 Lewis B (PAA-pm)
ME7(detected with sLeY)
ME5(detected with anti-Y)
VGA(EY Lab)
MGL 6A-K2021
TL(EY Lab)
NPA
LCA
GSL-I B4
CSA(EY Lab)
HPA
PNA
ECL
DBA
GNL
GSL-I A4
GSL-2
CAA
PSA
P11
Mono25-CNL
Mono1-CNL
CTB
MPA
MAA
MAL
Thy1-Fc
AnnexinA5
RCAI (Vector Lab)
ORA
BNA
SBA
Human Galectin-1
PTL-I
Mouse Galectin-1
PHA-L
PHA-E
MAA(Seikagaku)
ESL
Banlec
HML-Nanovip
Sp Serotype 14-13
Sp Serotype 14-18
Epa1-Np mutant Y228W
OFA-I
Sp Serotype 14-12
AGal 1-Alkyl-PCH
AGal 1-Alkyl-PCP
MGL-8A
SCA
CA
LBL
RNA-1
Epa1-Np mutant Y228A
PHA-L
PHA-E
CA19.9-dTEG
Avastin-FEC
CC1G-Y0047
VLRB-4B11-B11
hLAG-3-B11
MGL 6B
PDL-1
PhoSL-001
APOLIPO
OSL
MPA
MAA
Mouse NKR-P1C
EEL
LEL
WGA
WGA multimer
WGA(Seikagaku)
WGA(Bio Lab)
WGA

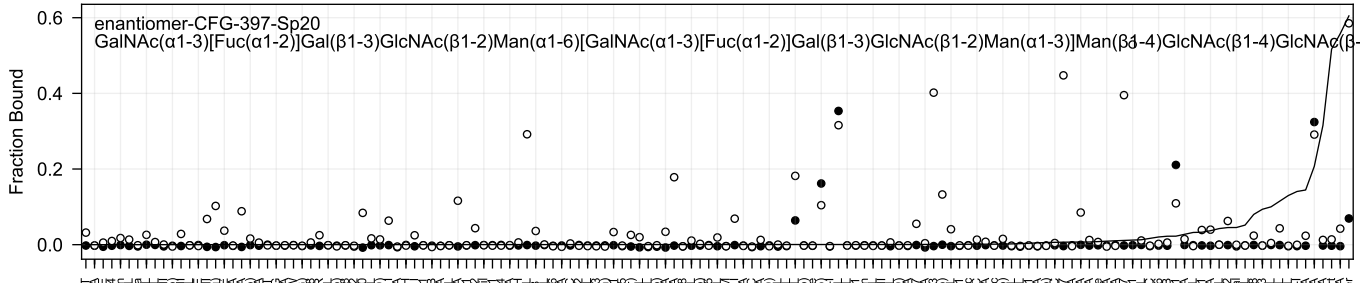

enantiomer-CFG-392-Sp21
Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-6)[Fuc(α1-2)Gal(β1-4)GlcNAc(β1-3)]Gal(β1-4)Glc(-Sp21
Fraction Bound
0.4
0.2
0.0
MGL 6A-H2627
VGA(EY Lab)
SBA
PNA
PA-IL
HHA(EY Lab)
GSL-I(EY Lab)
Mono2W-CNL
CA19.9-9a 328
WGA mutant
ACL
PAA
UEA-I
UDA
TL(EY Lab)
MAA(EY Lab)
WT MOA
ME5(detected with α-HUH)
Epa1-Np mutant E227A
Epa1-Np mutant Y228A
Epa1-Np mutant Y228A
Epa1-Np mutant D229A
PhoSH-001
Avarol-FC
PSA
SBL
Sp Serotype 1 215
Sp Serotype 1 215
SBA
Sp Serotype 1 215
VIC-B-2
#14 Sialyl Lewis X (BD)
#15 Sialyl Lewis X (BD)
#8 Lewis B (1216) (BD)
JFCK(V)
SSL7-U08
SSL7-U08
LBL-122
BTL pAlve
PT-1
hJAA-F11
HPA
NEA
LCA
CSA(EY Lab)
EAA
MAL-I
MAL-II
DSL
GSL-I-B4
Mouse NKR-P1-C
P11
ACA
Mono2R-CNL
Mouse Galectin1
Mono1W-CNL
MAA(Seikagaku)
PHA-L
ConA
BPLA
BPLA-E
LSL-125
MPL
MGL-418
MGL-418
CA19.9-T(BL4)
CA19.9-T(BL4)
PTA-Gal
Mycovin
MGL-6A
GSL-I-A4
CA19-9 Ab (DRG)
MGL-08
MGL-08
VLRB.aGPA 23
HA70 complex-HSA
HSA
VVA
GNA (EY Lab)
DBL-1
Thrombomodulin
Gal-2-CC
EC
IPS-K-4-SSBB
HML-Nanoparticle
PNA
Epa1-Np
UEA-I
CG
CG
MGL-3
Gal-3
WGA(Seikagaku)
DBA
P-TL
GSL-I-A4
SNA
DC-ASGPR-CMBD
UEA-I
MGL
WGA
Native CGBA
STL
Galectin-1
WT Galectin-8
WFL
CNL
Human Galectin1
CCL19-DC/7
VVHA lectin
RCA(Vector)
RCA(Vector)
hNV VLP
Epa1
mouse Gal-1
AOL (Marbal Lab)
AAL

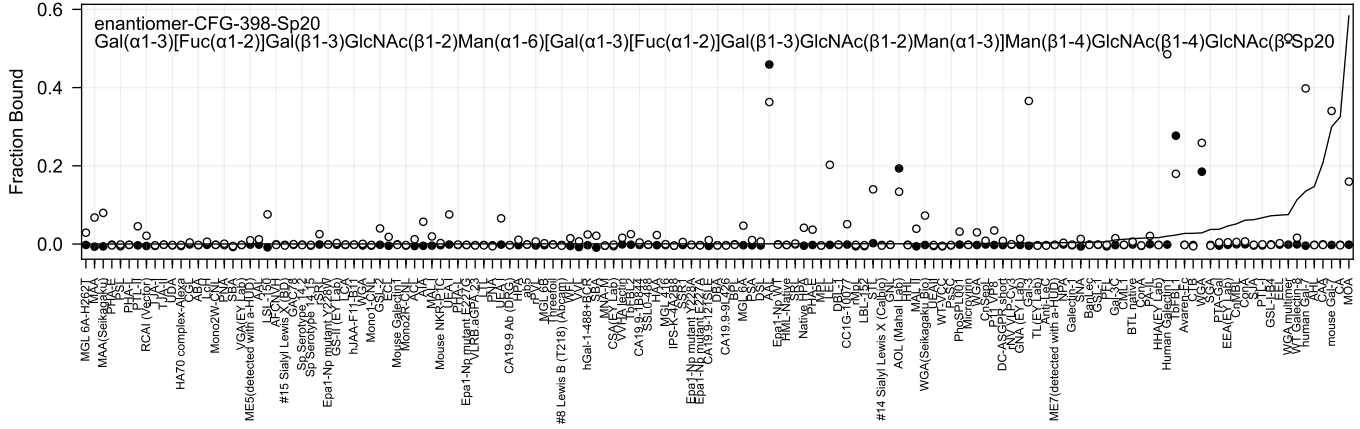

enantiomer-CFG-393-Sp21
Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Gal(β1-4)GlcNAc(β1-4)[Gal(β1-4)GlcNAc(β1-2)]Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(-Sp21
Fraction Bound
0.0
0.2
0.4
0.6
ABA
MGL
#14 Sialyl Lewis X (Calbio)
SSB3
SSB2
LCA
#8 Lewis B (T218) (Abcam)
SJA
Native-PPA
VGA(EY Lab)
nV VLP_CV3
PHA(E)
ME5(detected with a-PHA(E))
ME7(detected with a-PHA(E))
VLRB aGFP
hGal-1-Fc
SSB1
CA19-9 Ab (DAKO)
AVA
CA19-9 Ab (MEI)
Avarol-HIV
CA19-9-121 SLE
Mouse NKR-P1C
PhoSL(EY Lab)
Mono2R-CNL
SC-3 Ab
SSG2
Anti-Lac
EEA(EY Lab)
Epa1-Np mutant F227G
GAL-1
MGL-68
IPS-4-1-CRD
Mono1-CRD
GSL-I
GNA
MGL 6A-K221T
MicroWGA
Mouse PSGL
Sp Serotype-PsaC
GSL-1
CA19.9-EDAA
GNI
CA19.9-aLe
HPA
Ac-Barley
AAL
PTPA
DBL-1
GS-II (EY Lab)
PNA(L)
WGA
Mono2W-CNL
OAA
CBA
#15 Sialyl Lewis X (Calbio)
Epa1-Np mutant E182Q
PSL
BOA
WGA(Seikagaku)
GSL-I B4
PTA-Gal
T-Ag
MAA(Seikagaku)
hJAAT-KDA
WT Galectin-3
Epa1-Np mutant F227G
SBA
Tomato
Con-A
GS-IV
STA
MAA
Epa1-Np mutant Y228W
PHA(P)
PSY
CSA(EY Lab)
TbPBL-1
SRL
HA70 complex-Alexa
PEL
GNA (EY Lab)
BTL
Native-PPA
WGA
WGA multimer
OAL
AOL (Mahal Lab)
LSL
SNA
Galectin-1
Mouse Galectin-1
human Gal-7
CoA
WT Galectin-1
HHA(EY Lab)
BPL
TcPBL-1
VVL(Lectinity)
Epa1-Np WT
TL(Lectinity)
PHA(E)
WGA
Mock
DSA
SCA
SJA
CC1G-1(DAA)
OAA
mouse Gal-7
Human Galectin-7
WEL
RCAI (Vector)

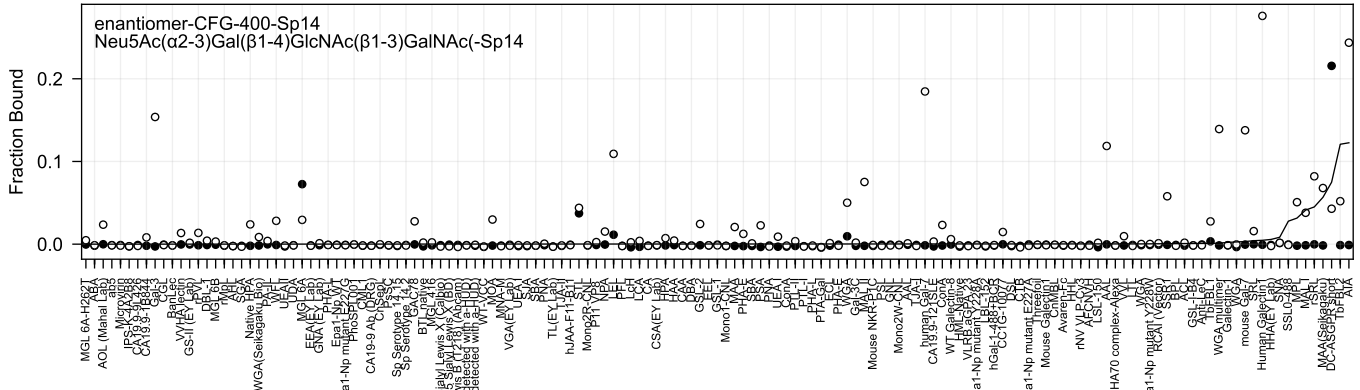

enantiomer-CFG-394-Sp20
GalNAc(α1-3)[Fuc(α1-2)]Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[GalNAc(α1-3)[Fuc(α1-2)]Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-
Fraction Bound
0.0
0.2
0.4
0.6
SNA
GSL-I
SBA
SGA
EEL
PNA
EFA(EY Lab)
GS-II (EY Lab)
GSL-I B4
PSA
PC1
HA70 complex-Alexa
MAL
MAL I
MAL II
PHA-L
PHA-E
VGA(EY Lab)
SSA
ME7(detected with a-HUD)
Ann(EY Lab)
Epa1-Nn (Y)
Sp Serotype 14-2
hGal-1-488-Bio
P-ELA
P11
Mouse NKR-P1C
ACA
#15 Sialyl Lewis a (Lab)
Epa1-Np mutant Y2-2
VVA(EY Lab)
BS(B)-001
CSA(EY Lab)
GAL
Threelobe
LCA
#8 Lewis B (Y219 Ab)
MAA(Seikagaku Bio)
Epa1-Np mutant Y2-1
CA19.9 Ab (DBS)
MGL 6A-H262T
VVHA (EY Lab)
CGL
hJAA-F1-B1
Arapaxin
Epa1-Np mutant Y2-6
PNA-1
#14 Sialyl Lewis a (Lab)
Sp Serotype 14-1
SSL7(EY Lab)
DSL
Epa1-Np mutant Y2-5
MNA
MNA-M
HMA-M
CA19.9-12-DSLT
CA19.9-1B244
EIC
BTA
BTA-L
GNA (EY Lab)
Mouse Galectin-1
ABA
AFA
AAA-L
Galectin-1
ap2
Microvin
IPS-K4-2BP
GSL-I
TL(EY Lab)
DBL-1
CC19-1
AOL(Matsu Lab)
Banyuec
ME5(detected with a-HUD)
HHA(EY Lab)
RCA (Vector)
WFA
CAA
MGL-418
MAA
CrMBL
Mono2W-DBA
BT-peanut
nNV (Vector)
UEA-I
WGA
Gal-3C
Mono2R-CGL
WT Galectin-3
Human Gal-9
WGA(Seikagaku Bio)
Mono2R-PSL
PSL
PA-IL
PA-IIL
mouse Gal-7
STA
MGL-6B
Human Galectin1
Gal-8
Gal-9
MGL-6A
TD
SRL
DC-ASGPR
PTL-I
WGA multimer
VFA
Native HPA

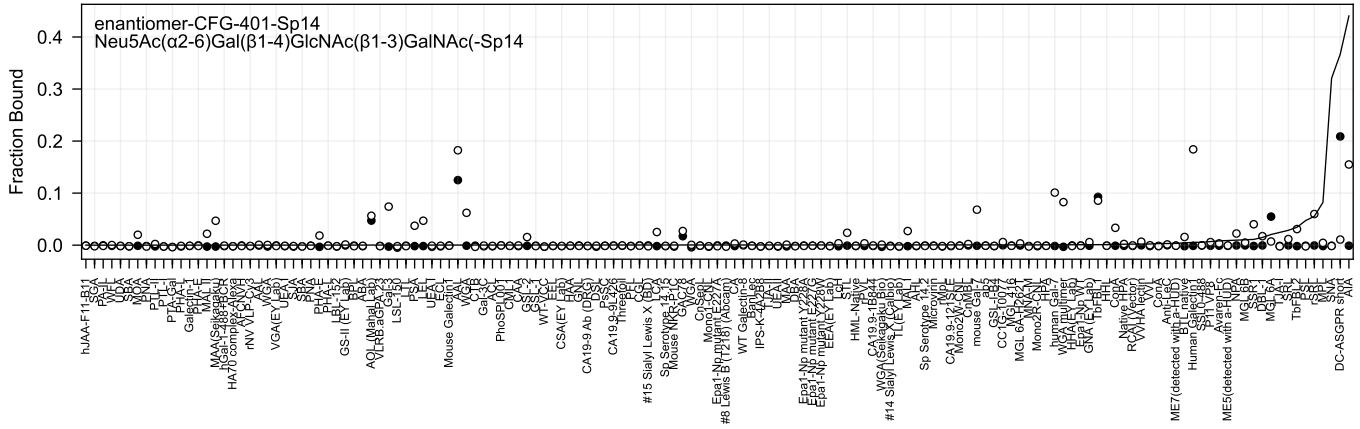

enantiomer-CFG-395-Sp20
Gal(α1-3)[Fuc(α1-2)]Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Gal(α1-3)[Fuc(α1-2)]Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp20
Fraction Bound
0.0
0.2
0.4
0.6
SNA
MAL-I
MAL-II
UEA-I
Native PGA
MGL-BB
HA70 complex
PNA
GS-II (EY Labs)
LEL
SBA
nW VVA
DC-ASGPR
MGL 416
Sp Serotype 14
Sp Serotype 19F
Epa1-Np mutant Y229A
Epa1-Np mutant Y229A
hJAA-F11-B11
WGA
uEA
BPL
AFGP
Epa1-Np mutant E227A
CA19.9 Ab (DB-C2)
Sp Serotype 14 (A1)
MAA(Seikagaku)
Epa1-Np mutant E227G
VGA(EY Labs)
Tyrepeptin
Epa1-Np WT
VLRB aGPC
HEA
SL-101
MGL 6A-F2B2
MGSA
#14 Sialyl Lewis X (Calbiochem)
Mouse NKR-P1
CGF
CA19.9-1B844
#8 Lewis B (Calbiochem)
CSA(EY Labs)
DBA
hGal-1-488-BSA
MPL
SAA
Anti-c
CA19.9-9-42-8
MPA
PEL
PNA
SSL-28B
MAL
MNA-M
Mono1-BSA
GNL
LBL
#15 Sialyl Lewis X (BD)
ABA
Microcin
UEA-I
HMI-Native
VDA
P11
To-Pro-3
HHL
PHA-E
CA19.9-121
SLE
WGA
GNA
ConMBL
CCL5-1(mf)
Mono2-BSA
PEL
PWM
Avarol-FE
STB
SPA
AOL (Mahal Lab)
Bovine
Rat
Mono2W-KDSE
VVHA (lectin
WGA(Seikagaku Bio)
Galectin-1
ME7(detected with HMI-EY LBD)
ME5(detected with a-HLD)
Mouse BPA-Gal
CrSerA
TL-EY (Vector)
WT-AAL
AAL
BTL native
GSL-I
GSL-II
RCAI (Vector)
SCA
PAC-1
WT Galectin-1
CVN
Gal-3C
Gal-3C
EEA(EY Labs)
PHA-L
WGA mutant
Human Galectin-1
WFA
CGA
GS-IB4
SP-D
Human Galectin-1
mouse VDA
Gal-3

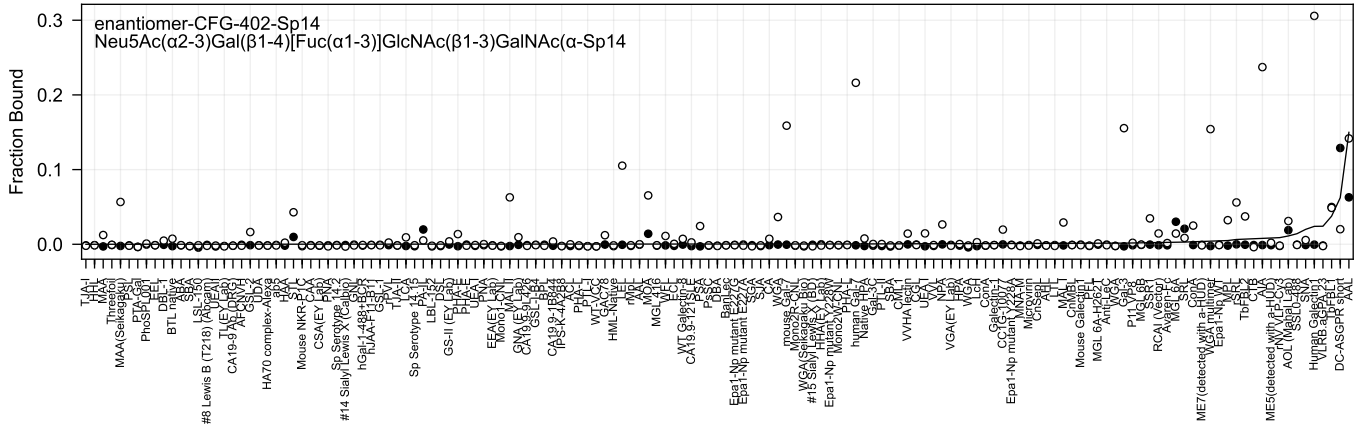

enantiomer-CFG-396-Sp20
Gal(α1-3)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-2)Man(α1-6)[Gal(α1-3)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp20
Fraction Bound
0.0
0.1
0.2
0.3
0.4

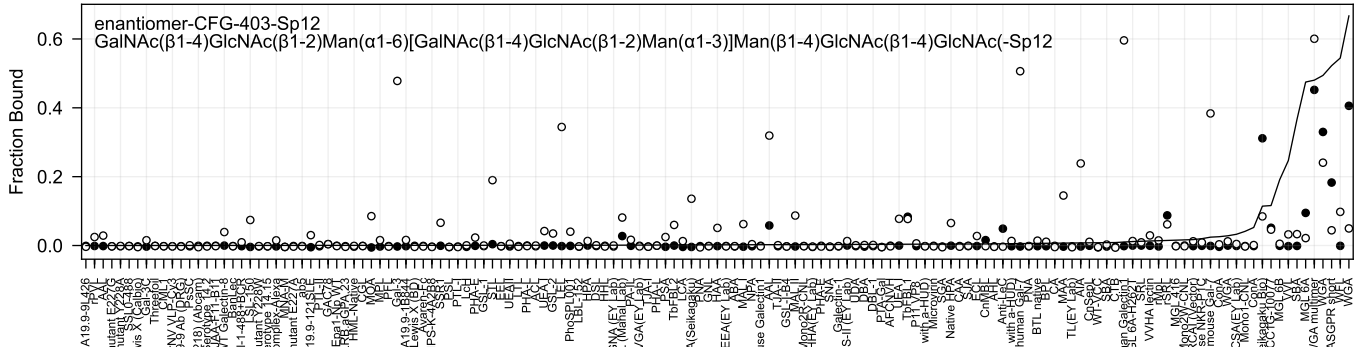

enantiomer-CFG-397-Sp20
GalNAc(α1-3)[Fuc(α1-2)]Gal(β1-3)GlcNAc(β1-2)Man(α1-6)[GalNAc(α1-3)[Fuc(α1-2)]Gal(β1-3)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-
Fraction Bound
0.0
0.2
0.4
0.6
MGL 6A-H2B7
ABA
CA19.9-17.1
CSLEX
CA19.9-Lab
VVHA Lab
HA70 complex-Alpha
PAE
UEAII
TL(EY Lab)
PHA-L
MAL-I
MAA(Seikagaku)
PNA
PHA-E
GS-II (EY Lab)
MAA
PNA
Epa1-Np mutant 1.2.2.0
Epa1-Np mutant 1.2.2.8
Epa1-Np mutant 1.2.2.9
CA 19-9 Ab (CRG)
hGal-1-498
PHA-L
#14 Sialyl Lewis X (CT-88)
LSL-155
LSL-156
ME5(detected with a-DEA)
AAL
SBA
AFCS
MAL-I
hJAA-F11 a-11
DBA
ECA
FAX
GSL-1
Threefold
Mouse Galectin-1
GSL-I B4
LCA
LEL
PTA
P11 VGS
CA19.9-9-428
Mouse NKR-P1C
Sp Serotype 14.2
VLRB.aGPA.23
#8 Lewis B (T2 BRIGSAR 207)
Sp Serotype 14.15
RCA(Vector)
CSA(EY Lab)
FSL
SBA
MGA
IPS-K-4
DSL
EEA(EY Lab)
ABA
MNA
Epa1-Np mutant 1.2.2.6
#15 Sialyl Lewis X (SSA)
MPL
MEL
VGA(EY Lab)
AOL (Mahal Lab)
TAA
SNA
DSL
Mouse Galectin-1
THL
TKA
ACL
ME7(detected with a-HUD)
CC1G-10
CA19.9
Galectin-3
WGA(Seikagaku, Lab)
Galectin-1
Galectin-8
NPA
Avarol (EY Lab)
GNA (EY Lab)
Mono2K-PEG
CML
CML1
HHA(EY Lab)
Anti-Lac
human Galectin-3
WGA
CA
BTL native
SAA
mouse Galectin-1
Human Galectin-1
CSA(Sigma)
MGL 6A
MGL 6B
TGN
CONA
SSA
MGL 6A
TPHP
TPHP2
Mono2K-Gal
MVA-Gal
MVA Galectin-8
MVVLEF
SAA
Mono1-PEG
SRE
SRE
VIA
HPA
HPA
DC-ASGPR
Native SPA
WGA multimer

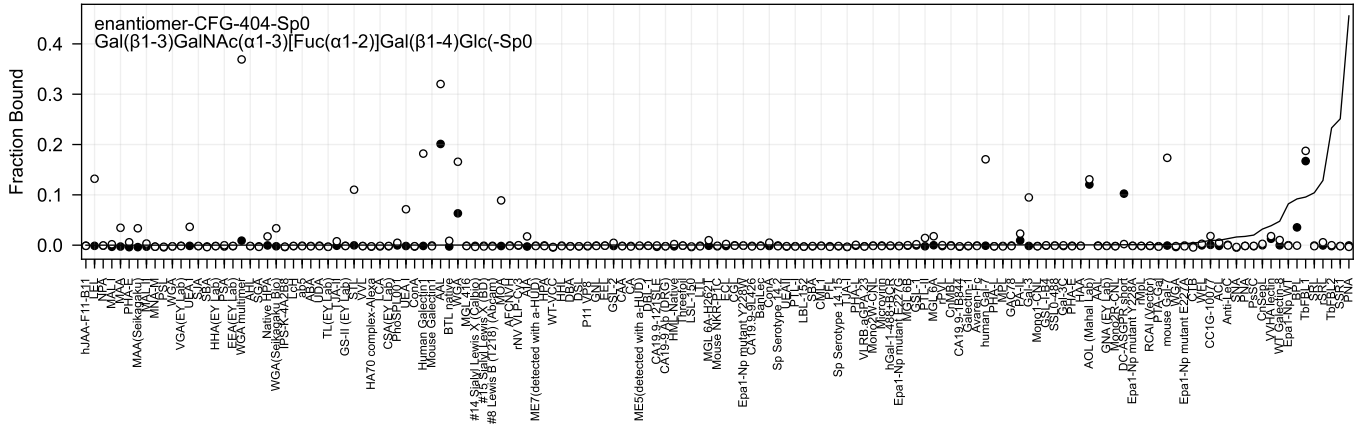

enantiomer-CFG-398-Sp20
Gal(α1-3)[Fuc(α1-2)]Gal(β1-3)GlcNAc(β1-2)Man(α1-6)[Gal(α1-3)[Fuc(α1-2)]Gal(β1-3)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(βºSp20
Fraction Bound
0.6
0.4
0.2
0.0
MGL 6A-H2B7
KVX
MAA(Seikagaku)
PSA
PSL
PHA-L
RCA I
RCAI (Vector)
TJA-I
UDA
HA70 complex-X
CSA
ABA
Mono2W-CNL
SBA
VGA(EY Lab)
ME5(detected with a-HUD)
ASA
#15 Sialyl Lewis X (Glycotech)
ABP
SNA
Sp Serotype 1-4-5
Sp Serotype 1-4-5
Sp Serotype 1-4-5
Epa1-Np mutant Y229W
GSII (EY Lab)
hJAA-F11-Fc
Mono1-CNL
GNA
Mouse Galectin-1
Mono2K-XCL
MAL
Mouse NKR-P1C
PTA
PHA-E
Epa1-Np mutant F228A
Epa1-Np mutant F228A
VEA(EY Lab)
CA19-9 Ab (ORG)
LEA
LTA
HPA
ACA
MGL 6A-H2B7
Thiosialo
#8 Lewis B (T218) (Abcam)
WFL
hGal-1-488-EGFP
SBA
CSA
MVA-N
VVA
Ha Lectin
CA19.9-TB244
SSL-I-488
MGL 418
IPS-K-488
Epa1-Np mutant F228A
Epa1-Np mutant F228A
CA19.9-1-FITC
CA19.9-9-DSA
BPL
MOR
BSA
DSL
Epa1-Np WT
HML-Nanobody
Nativa
PAA
MEL
DBL1
CC1G-1007
LBL-M2
SNA
#14 Sialyl Lewis X (Cosmo Bio)
AOL (Mahal Lab)
MAL II
WGA(Seikagaku)
LEA
WTA
SSA
PhoSL(Dot)
MicroWGA
PCSPL
DC-ASGPR short
GNA (EY Lab)
Gal-3
TL (EY Lab)
Ara Lectin
ME7(detected with a-HUD)
Galectin-1
Bauhinia
GSL-I
Gal-3c
CMLL
CCL19
BTL CMLL
CCL7
HHA(EY Lab)
Human Galectin-1
Avarol
Avarol-FE
VCA
SCA
BTA(EY Lab)
EEA(EY Lab)
ConMBL
SJA
CAA
GSL-I-B4
EEL
WGA mutant
WT Galectin-3
human GAL
CAA
mouse Galectin-3
MOA

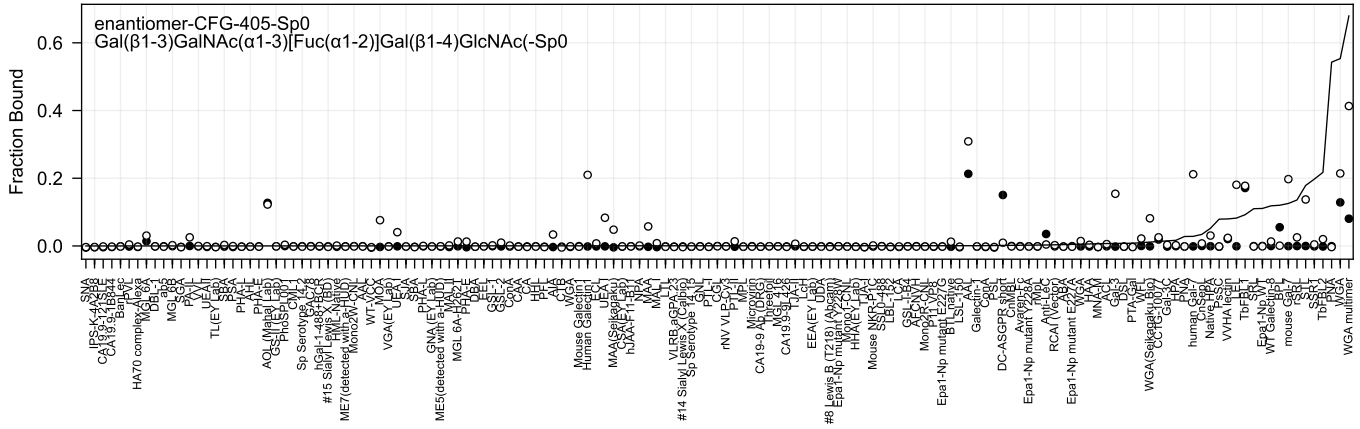

enantiomer-CFG-400-Sp14
Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-3)GalNAc(-Sp14
Fraction Bound
0.0
0.1
0.2
MGL 6A-H2867
ZEA
AOL (Mahal Lab)
AAL
Mcryvulg
IPA(S-4)-498
CA19.9-1B44
CA19.9-1B44
CaCl
Ban Lec
VVH (Vector)
GS-II (EY Lab)
DBA
DBL-T
MGL 6B
ABL
ABL
Native SBA
WGA(Seikagaku, Bio)
WFL
UEA-I
UEA-II
MGL 6A
EEA(EY Lab)
GNA(EY Lab)
Epa1 Lectin
Epa1-Np mutant L227G
PhoSL-1(01)
CA19-9 Ab (Origene)
Chitin
Sp Serotype 14-13
Sp Serotype 14-13
BTA(Mahal Lab)
#14 Sialyl Lewis X (Calbiochem)
#8 Lewis B (Calbiochem)
MEA(detected with a-HRP)
MEA(detected with a-HRP)
WT-VCC
MVCA
VGA(EY Lab)
UEA
SNA
SNA
TL(EY Lab)
hAAA-F11-B11
SJT
Mono2R
P11
YSL
NPA
PFF
PFL
LCA
CSA(EY Lab)
HPA
CAA
CPA
CPA
GNL
EEL
Mono7CSL-1
MAA
PNA
SBA
BPA
UEA1
PCL-I
PCL-II
PTL-I
PTA-Gal
PTA-Galactose
PHA-E
PHA-L
WGA
WGA-1
WGA-2
Mouse NKR-P1C
SNL
Mono2W-XNL
TJA-I
human CEA
CA19.9-12-15-E
WT Galectin-3
Con A
Galectin-1
Epa1-Np mutant E227A
Vicia villosa (Vector)
Epa1-Np mutant Q228A
hGal-1-Biotin
CC-TG-10677
CC-TG-10677
CCL
Epa1-Np mutant E227A
Mouse Galectin-9
CMML
Avarrhizin
HHL
nVV
XEPDVA
Lsl-56
HA70 complex-Alexa
VVL
WFA
Epa1-Np mutant Y229A
RCA120 (Vector)
SSBV
ACL
GSL-I B4
TD-BL1
WGA Galectin-1
Galectin-3
GaGa
mouse GaGa
SRL
Human Galectin-1
HHA (Vector)
SNA
SSL-I
MPL
MAL
MAA(Seikagaku)
DC-ASGPR
TcFBP2
AIA

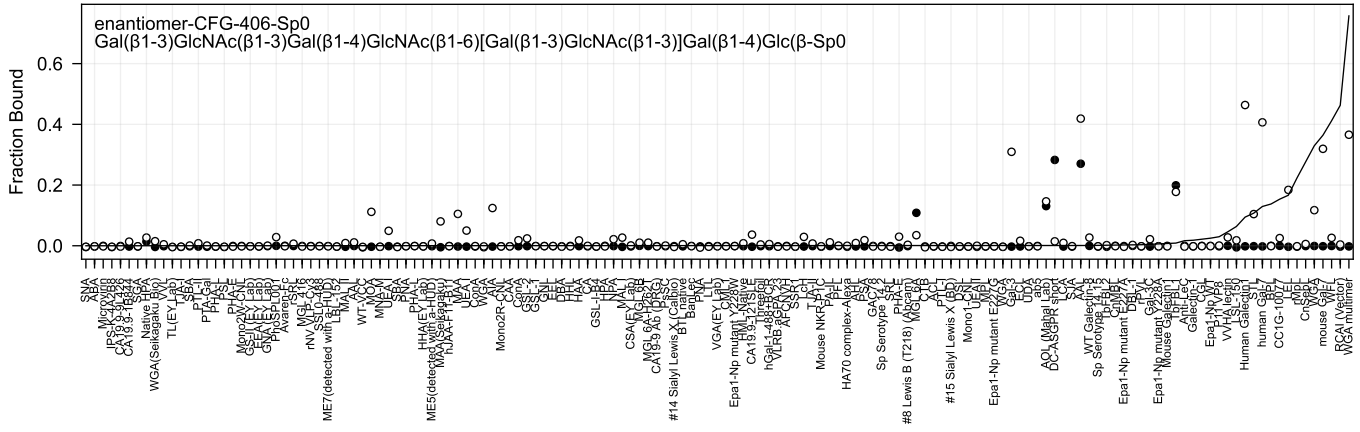

enantiomer-CFG-401-Sp14
Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-3)GalNAc(-Sp14
Fraction Bound
0.0
0.1
0.2
0.3
0.4
hJAA-F11-B11
SGA
PAL-I
UDA
SNA
VVA
PNA
PTL-I
PTL-II
PA-Gal
Galectin-1
MAL-I
MAA(-Sialoglycoprotein)
MAA(-Sialoglycoprotein)
HA70 complex-Alexa
rNV VLP-Alexa
rNV VLP-Alexa
AAL
VGA(EY Lab)
UEA-I
SBA
SBA
PHA-E
PHA-L
PHA-L
GS-II (EY Lab)
RCA
AOL (Marha Lab)
VLRB aGal-3
VLRA aGal-3
LSL-1b
PSA
UEA-I
ECL
Mouse Galectin
WGA
VGA
Gal-3C
PhoSpH Act
CML-1
GSL-2
wPSL-1
EEL
CSA(EY Lab)
HPA
GNA
GNL
CA19-9 Ab (DSL)
CA19-9 Ab (DSL)
4-2-3C
CA19-9-Sialyl Lewis X (Ab)
Threose
CGL
#15 Sialyl Lewis X (Ab)
Sp Serotype 1-13
Sp Serotype 1-13
Mouse NKG2D
GAL-C16
VGA
CGL
Conca
Mono1-Sialyl
Epa1-Np mutant Z222A
#8 Lewis BR (EY Lab)
Epa1-Np mutant Z222A
CA
WT Galectin-8
IPS-K-Alexa
UEA-I
UDA
UEA-I
EEA(EY Lab)
SHL
HML-Hexyl
Epa1-Np mutant Z222A
Epa1-Np mutant Z222A
Epa1-Np mutant Z222A
CA19.9-LB244
WGA(Sialic Acid Lab)
#14 Sialyl Lewis X (Ab)
TL(EY Lab)
ATL
Sp Serotype 1-13
Wheat germ
CA19-9-12 (MP)
Mono2K-Sialyl
mouse Gal-1
Gal-2
GSL-I
CC-GS-1007
MGL 6A-Alexa
Mono2K-HPA
MNA-M
Human Gal-7
WGA (EY Lab)
PHA (EY Lab)
GNA (EY Lab)
TcF-BL
HPA
CGL
Native-HPA
RCA (EY Lab)
VVHA (EY Lab)
CGL
CGL
Anti-LBC
ME7(detected with anti-LBC)
BT-1 native
Human Galectin-1
Human Galectin-1
BT1-V13
ME5(detected with anti-LBC)
NGA
NGA
MGL
SSA
MGL-1
MGL-2
JAL
JAL
TcF-BL
TcF-BL
FSL
MPL
MPL
SNA
DC-ASGPR
SNA
AIA

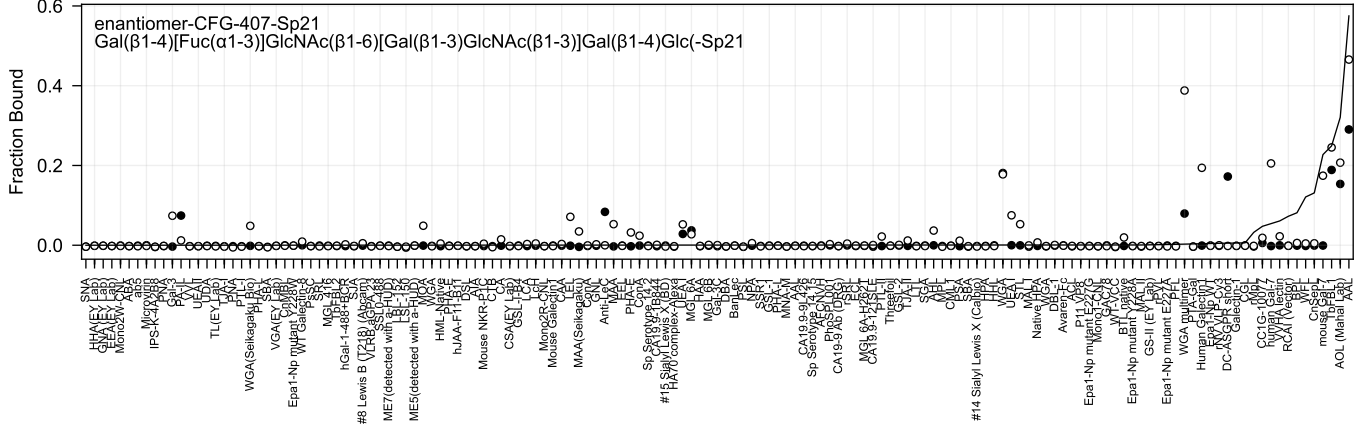

enantiomer-CFG-402-Sp14
Neu5Ac(α2-3)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-3)GalNAc(α-Sp14
Fraction Bound
0.3
0.2
0.1
0.0
TJA-I
TJA-II
MAL
MAA
Thrombin
MAA(Sekaguchi)
Sialidase
PTA
PhoSPL-C
PI-PLC
DBL-1
BTL native
SBA
SNA
#8 Lewis B (T218)
LSL-50
LSL-30
TL(EY-EAI)
TL(EY-EAII)
CA19-9 AE (D89)
AE (D89)
CSA(EY)
UDA
HA70 complex-Alexa
HA
HAA
Mouse NKR-P1C
CAA
CSA(EY)
PNA
Sp Serotype 14
#14 Sialyl Lewis X(Sialo)
hGal-1-488+BSA
RJAA-F11-811
GSL-I
TJA-I
Sp Serotype 14 1:3
LBL
PA-IL
DSL
GS-II (EY)
PHA-E
PHA-L
PHA-P
EEA(EY)
WGA(EY)
PNA
WALL
GNA (EY)
CA19.9-1-488
GSL-I-B4
CA19.9-1-B844
TPS-K-488
ABS
PSA
PHA-L
WT-VCC
CA19.9
HML(EY)
Galectin-1
hEL
AAL
MOA
MGL
WFL
WT Galectin-8
CA19.9-12
SLE
PsaG
DBA
Bauhinia
Epa1-Np mutant E227G
Epa1-Np mutant E227A
SJA
SNA
WGA
mouse CEA
WGA(Sekaguchi)
#15 Sialyl Lewis X(Sialo)
HRA(EY)
Epa1-Np mutant V226N
Mouse PD-L1
hPD-L1
Native CEA
Galectin-3C
SPA
CAA
PHA-L
VVHA
CGL
UEA-I
NPA
PPA
VGA(EY)
CGA
Galectin-7
CC-Tag-00017
Epa1-Np mutant V227A
Microcystin
CrSBL
MAL
MAL II
ChMel
Mouse Galectin-1
MGL 6A-H262T
Amaranthin
WGA
P11
Galectin-3
MGL-GB
RCA(Vector)
Avidin-FITC
MOA
SEA
ME7(detected with a-PrP)
WGA multivalent
Epa1-Np
MEL
TbFL
CTB
ME5(detected with a-PrP)
LP-CY3
AOL (NAG)
MSL(D)-488
SNA
Human Galectin-7
VLRB aGPC1
VLRB aGPC2
DC-ASGPR ectod
AAL

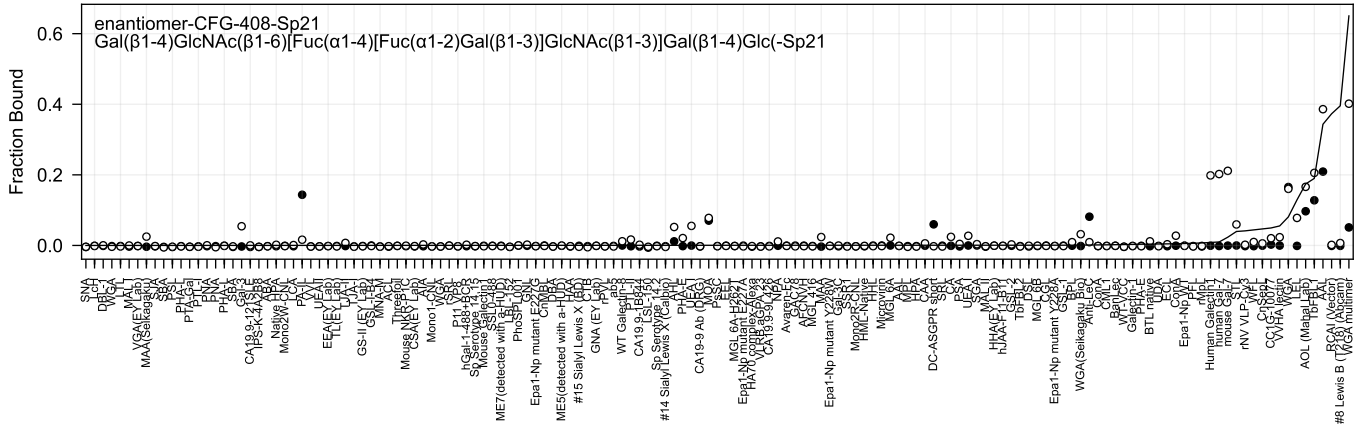

enantiomer-CFG-403-Sp12
GalNAc(β1-4)GlcNAc(β1-2)Man(α1-6)[GalNAc(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(-Sp12
Fraction Bound
0.0
0.2
0.4
0.6
CA19.9-9L-126
PSA
Epa1-Np mutant Y229A
Epa1-Np mutant Y229S
#14 Sialyl Lewis X(CA-188)
Gal-3C
Tn(VVL)
CA19.9
INV AUT PSA
CA19.9-12L-11
PsSC
#8 Lewis B (T218)(Ab-21)
Sp Sialyl Lewis X
NW Gal-1 Fc
NAA-H1-B14
Bevacizumab
hGal-1-488-BSG
Epa1-Np mutant Y229W
HA/N complex H5/N1
Epa1-Np mutant W229A
CA19.9-12L-LT
CA19.9
GAC-2
Epa1-Np
VLRB-GFA-23
HML-Nauje
MOAK
MEL
CA19.9-1
#15 Sialyl Lewis X (BD)
IPSC-VA-2-B6
SSBT
PTL-I
PHA-E
GSL-I
EEL
UEA-II
PHA-L
LEC1
LEC2
GSL-2
PhoSL
LBL-1BC
DSL
HPA
GNA(EY Lab)
AOL (Mahal Lab)
VGA(EY Lab)
PNA
PSA
Tbp-BCA
MAA(Seikagaku)
GNL
HAA
EEA(EY Lab)
ABA
MPA
Mouse Galectin1
TJA-I
GSL-B4
MAL
Monoclonal CNL
HHA(EY Lab)
PHA-E
SNA
Galectin-7 (Lab)
GS-II(EY Lab)
DBA
DSL-1
PSL-1
AFCNV-H
TJA-II
TJA-I
PTL-II
ME7(detected with a-GLD)
Marginin
Native CAA
SBA
EAA
CnnMBL
ME5(detected with a-GLD)
human PNA
Ant-1BC
BTL lab
BPL
MCA
TL(EY Lab)
MIA
GoSeA
WT-XCK
CTB
Human Galectin1
Mouse Gal-1
SRL
VVHA lab
ISR
MGL-CNL
Mouse-2CNL
Mouse NKR-P1C
mouse Gal-7
WGA
CSA(EY Lab)
CSA(Mono Lab)
CoCA
WGA(Seikagaku 0.5%)
CoCA(Seikagaku 0.5%)
MGL-6B
SBA
MGL-BA
WGA
WGA MGL-6B
WGA
DC-ASGPR
SNL
WGA

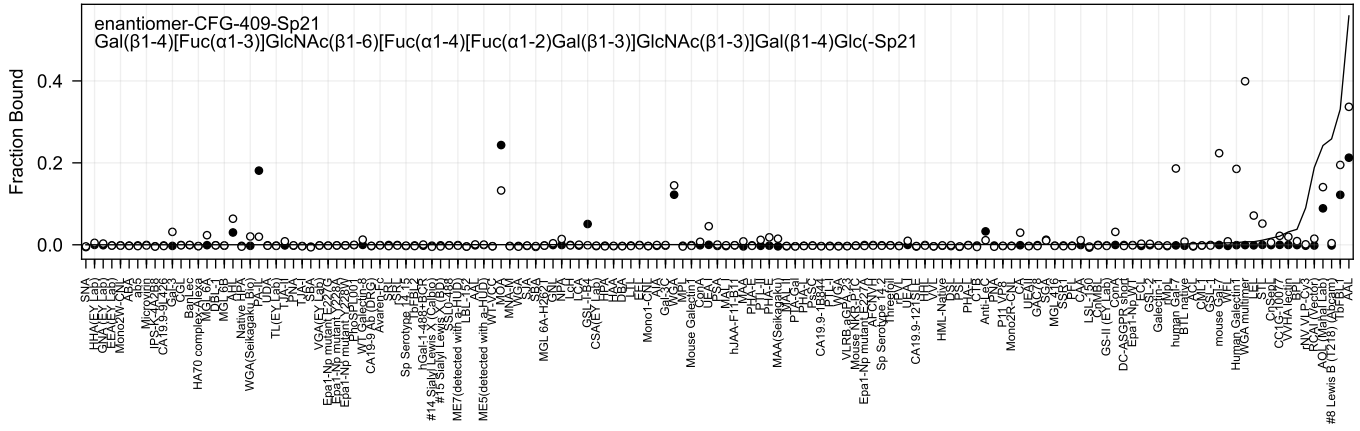

enantiomer-CFG-404-Sp0
Gal(β1-3)GalNAc(α1-3)[Fuc(α1-2)]Gal(β1-4)Glc(-Sp0
Fraction Bound
0.0
0.1
0.2
0.3
0.4
hJAA-F11-B11
NPA
MNA
WFA
MAA
MAA(Seikagaku)
PHA-E
PNA
MAL II
MAL I
BSL
VGA
VGA(EY Lab)
UEA I
SBA
SNA
HHA(EY Lab)
EEA(EY Lab)
WGA mutmer
STA
Native WGA
WGA(Seikagaku)
PSA
PSA-A2-B2
ABO
OBA
DBA
TL(EY Lab)
TL(EY Lab)
SVA
GS-II (EY Lab)
HA70 complex-Alexa
CSA(EY Lab)
PhoSL
DSL
ConA
Human Galectin-1
Mouse Galectin-1
AAL
BTL
WGA
#14 Sialyl Lewis X(GlycoTech)
#19 Sialyl Lewis X(IBD)
#8 Lewis B (12/18)(Alexis)
nNV VLP
AOL
rNV VLP
AIA
ME7(detected with a-HUD)
WT-VCC
DEA
Dsa
Dsb
P11
GNL
GSL-I
CAA
ME5(detected with a-HUD)
CA19.9-12/DSL-1
CA19.9-AP
CA19.9-2/2218
HMM-heavy
LSL-1
MGL 6A-12/2221
Mouse NKR-ECC
CGL
Epa1-Np mutant Y72
CA19.9-2/2218
Bap-Ec
Sp Serotype 12
Sp Serotype 14
LBL-1
LBL-1-2
CGL
Sp Serotype 14 F1
TJA-I
VLRB.aGPC3
VLRB.aGPC3
Morou-W-Ont
hGal-1-488-BCR
Epa1-Np mutant M22-D8
GSL-I
MGL-1
MGL-1A
TxA
CA19.9-1B244
Xalectin-Fc
Xalectin-Fc
human Gal-7
PNA
MPL
Gal-7
Gal-3
Gal-1
Mouse Galectin-1
SSL2-488
PHA-E
PHA-L
AOL (Mahal Lab)
AAL
AAL
GNA (EY Lab)
Mouse Gal-1
DC-SIGNR-sIgBX
Epa1-Np mutant M22-D8
RCA(Vector)
mouse Gal-1
Epa1-Np mutant E222A
VVLB
CC1G-10077
Ant-Pec
SNA
SNA
PsaG
Cg-Gal-1
VvLeci
WT Galectin-3
Epa1-Np
BP-1
Tbp-Bp1
SBL
Tbp-Sp1
SSA
PNA

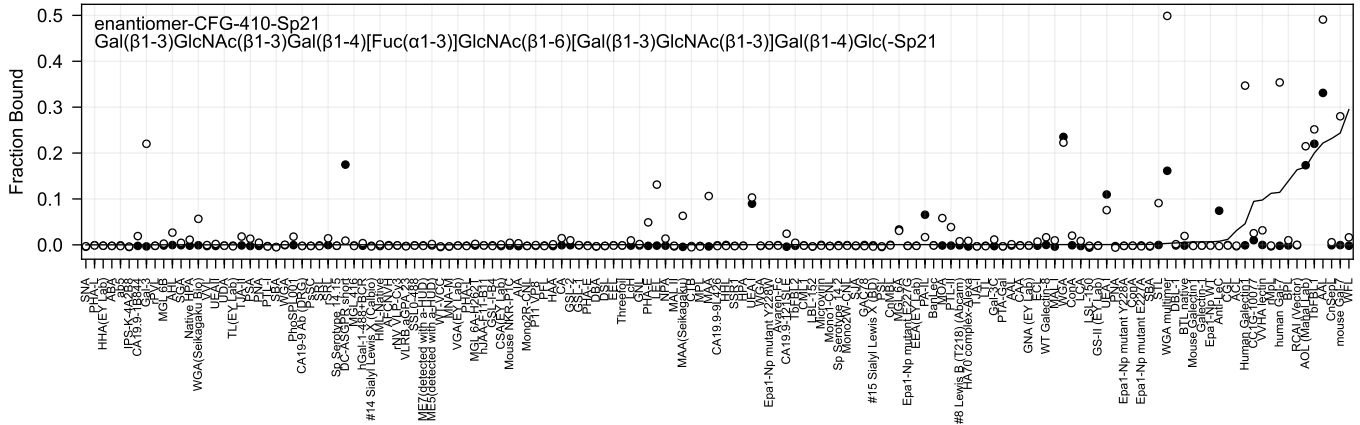

enantiomer-CFG-405-Sp0
Gal(β1-3)GalNAc(α1-3)[Fuc(α1-2)]Gal(β1-4)GlcNAc(-Sp0
Fraction Bound
0.0
0.2
0.4
0.6
SNA
IPS-K-A-398
CA19.9 Ab (TBEC)
Barley sec
HA70 complex-Flu-V5
MGL-6A
Dolichos
Jacalin
PNA
PA-IL
UEA-II
TL(EY Lab)
SBA
PHA-L
PHA-E
PNA-E
AOL (Matsu Lab)
GS-II-B4
PhoSpo
Sp Serotype 14-2
Sp Serotype 14-8
hGal-1-489-Flu-V5
#15 Sialyl Lewis X (TBEC)
Mono2W-CNL
ME7(detected with a-HUD)
WT-VCK
Man
VGA(EY Lab)
UEA-I
SBA
PHA-L
GNA (EY Lab)
ME5(detected with a-HUD)
MGL 6A-Flu-V5
PHA-E
PNA
GSL-I-A4
CGA
CPA
PHA-L
RCA
AIA
WGA
Mouse Galectin1
Human Galectin1
ECA
MAA(Seikagaku)
UEA-I
CSA(EY Lab)
hJAA-F11
NPA
MAA
VLRB.A(Carp)
VLRB.B(Carp)
Sp Serotype 14-18
PSA
rNV VLP
CGL
PHA-P
Microvoin
CA19-9 Ab (DRG)
MGL-718
CA19-9-Flu-V5
Lcn
EEA(EY Lab)
#8 Lewis B (T218) (Ab2811)
Epa1-Np mutant E227G
Mono-CONA
HHA(EY Lab)
Mouse SNCG-Flu
LBL-188
GSL-I-B4
AEONA
Mono-PNA
Epa1-Np mutant E227G
LSL-188
Galectin-1
CBA
DC-ASGPR short
CNMLE
Epa1-Np mutant Y225A
RCAI (Vector)
Epa1-Np mutant E227A
WGA
MNA-M
MNA-M
Galectin-3
LSA
PTA
WFL
WGA(Seikagaku)
CCA
Gal-8C
PNA
human Gal-7
Gal-9
Native-HPA
VVHA (Iesin)
Epa1-Np
TcFBEL
SBL
Epa1-Np mutant Y225A
WFA
BPL
mouse Galectin-7
SSL1
SSL2
TbFBEL
PSL
VGA
WGA multimer

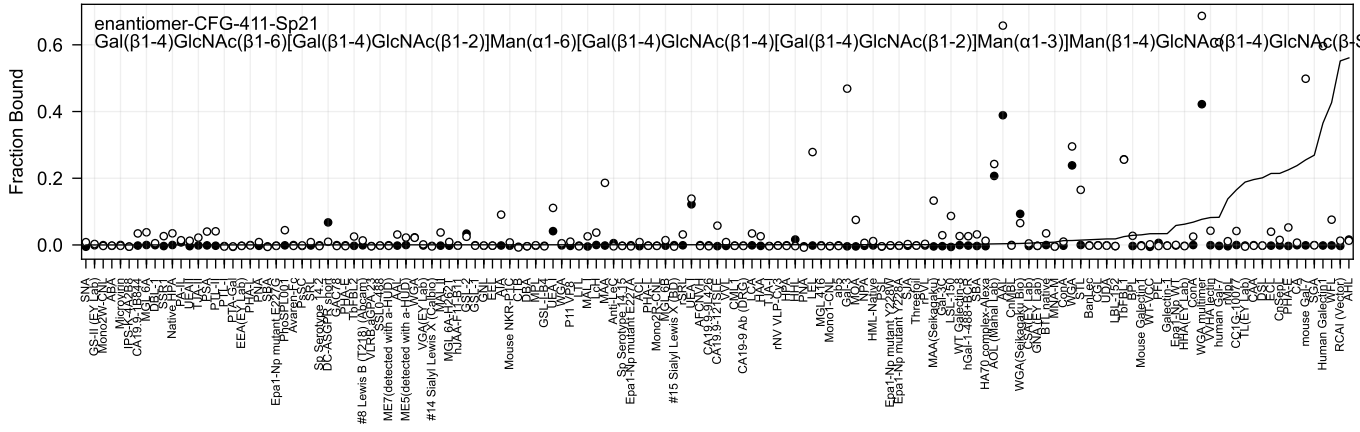

enantiomer-CFG-406-Sp0
Gal(β1-3)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-6)[Gal(β1-3)GlcNAc(β1-3)]Gal(β1-4)Glc(β-Sp0
Fraction Bound
0.0
0.2
0.4
0.6
SNA
SNA
MicrovisIgB
IPSB-2-1G8
CA19.9-1B78
CA19.9-1B84
Native PA
WGA(Seikagaku)
TL(EY Lab)
SBA
PTA-I
PTA-II
PNA
PHA-E
PHA-L
Mono2W CNT
GSL-I-B4
GSL-II
PhoSL(EY)
Avarol-PE
MGL-2-18
nN-SDS-248
ME7(detected with aHuD)
LCA
MALI
ACL
WT Galectin-1
MOA
MDA-MB-231
SBA
SBA
PTA-I
PTA-II
HHA(Lectin Depot)
ME5(detected with aHuD)
MAA(Seikagaku)
hJAA-FITC
MAA
UEA-I
WGA
Mono2R-CNT
CAA
GSL-I
GSL-II
PEL
PEL
DBA
HPA
HAA
GSL-I-B4
NPA
NPA
MAL
CSA(EY Lab)
MGL-2-8B
MGL-2-6B
CA19.9-1A116
PsSC
#14 Sialyl Lewis X (Calbiochem)
BT Bandeiraea
LTA
VGA(EY Lab)
Epa1-Np mutant Y228W
CA19.9-1A116-UE
hGal-1-mutant
VLRB aGPA-23
AFSA(EY)
TJA-I
Tch
Mouse NKR-P1C
PHA-E
PEL
HA70 complex-Alexa
BSL
GAL
Sp Serotype 23F
SRL
#8 Lewis B (T218) Ab
MGL-2-1B
ACL
#15 Sialyl Lewis X (BD)
BSL
Mono1CNT
MPL
Epa1-Np mutant E97A
KVGA
CapG
UDA
AOL (Mahal Lab)
DCA(SGPR short)
SJA
WT Galectin-3
Sp Serotype 14 F13
CCL2
Epa1-Np mutant E97A
PSA
Epa1-Np mutant Y228K
Mouse Galectin-1
Anti-Lec
Galectin-1
Epa1-Np WT
VVL-HA (Lectin Depot)
Human Galectin-1
SJL
human CapG
CC1G-10027
MGL
Cnx
MGL
mouse CapG
RCA1 (Vector)
WGA multimer

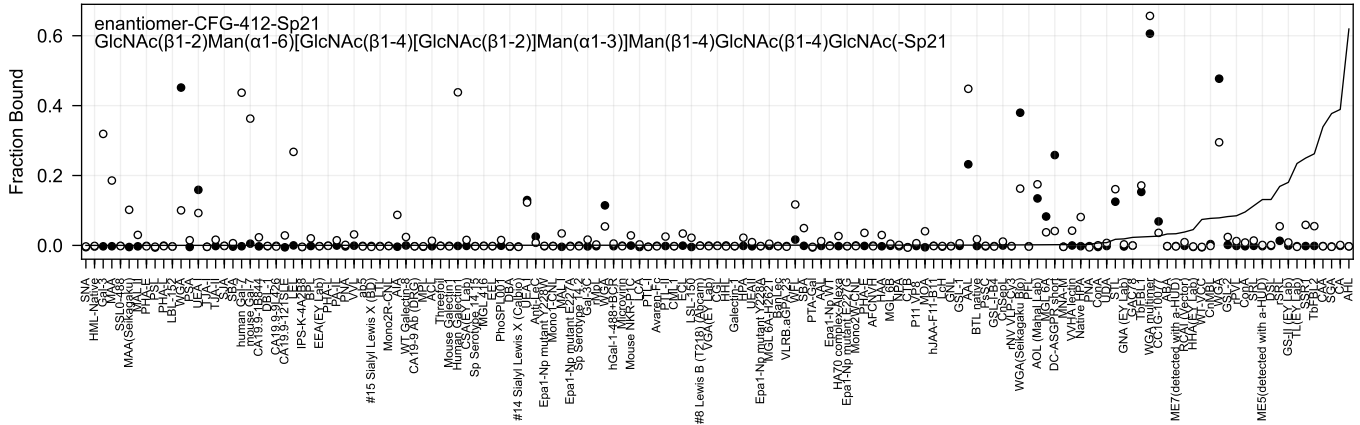

enantiomer-CFG-407-Sp21
Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-6)[Gal(β1-3)GlcNAc(β1-3)]Gal(β1-4)Glc(-Sp21
Fraction Bound
0.6
0.4
0.2
0.0
SNA
SNA(EY Lab)
HHA(EY Lab)
Mono2W-CRL
ABA
Mono2M-CRL
IPS-A(Kayama)
PNA
Bap-3
VVL
UEA
TL(EY Lab)
PNA
TJA-I
WGA(Seikagaku)
PHA-L
VGA(EY Lab)
Epa1-Np mutant Con
WFL
Galectin-9
PSA
SSA
MGL-418
PTL-II
hGal-1-488-FB-25
SJA
#8 Lewis B (T218) (Abcam)
VCRB-AGC-23
ME7(detected with SJ-HUD)
ME5(detected with a-HUD)
LBL-152
LBL-156
MGA
HML-Native
hJAA-F11-B11
DSL
Mouse NKR-P1C
CD3
CSA(EY Lab)
GSL-I(CA)
Mono2R-CRL
Mouse Galectin1
CEA
MAA(Seikagaku)
Chitin
GNA
Anti-MAX
MAL
PHA-E
PHA-P
Con-A
Sp Serotype 14
Sp Serotype 23
#15 Sialyl Lewis X (BD)
HA(Y complex-DEA)
MGL-6A
MGL-8B
MGL-8BX
Gal-3
Barley lec
NPA
SSA(F1)
PTA-1
MNA-M
CA19.9-9-426
Sp Serotype 4
APE-CN-13
CA19.9-Ab-1(BD)
CA19.9-Ab-2(BD)
FSL
MGL-6A-H-B21
CA19.9-12-FSLE
Thiosalol
GSL-I
SJA
SGL
MAL-I
CFA
PSA
PSA
HPA
HPA
WGA
UEA-I
MAL-II
Native-VGA
ACL
DBL-1
Avaren-ACE
PAL
Epa1-Np mutant E-22
Mono2-CRL
WFL
WF-CYC6
BTL-Native
Epa1-Np mutant MAL-II
GS-II (EY Lab)
Epa1-Np mutant E-22
WGA mutant
Human Galectin-3
Epa1-Np WT
Epa1-Np WT
DC-ASGPR sol-x3
Galectin-1
CC1G-r
Gal-7
Human Gal-7
RCA(Vector Lab)
Galectin
BPL
WFL
Con-A
mouse Gal-7
AOL (Marbal Lab)
AAL

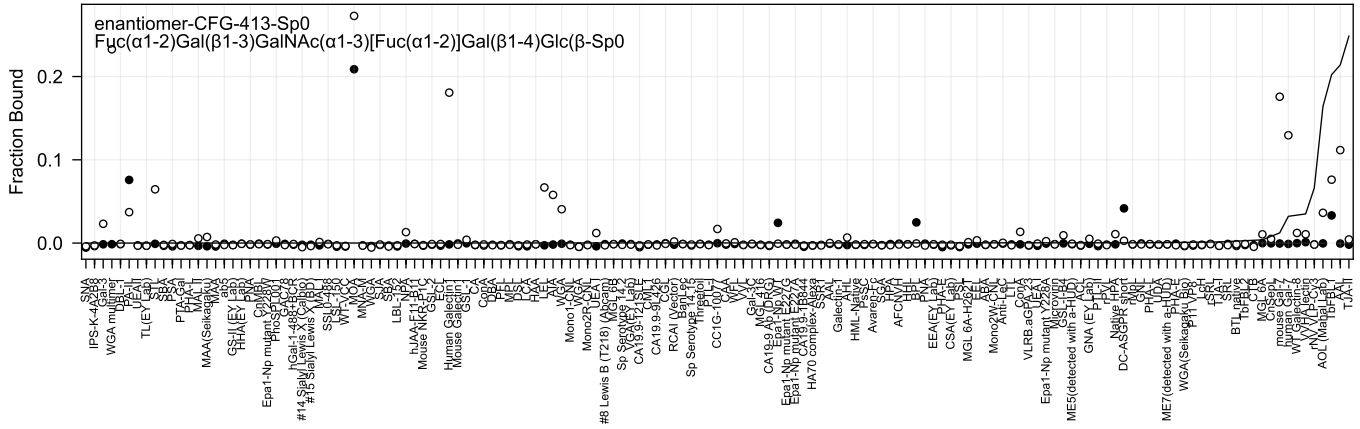

enantiomer-CFG-408-Sp21
Gal(β1-4)GlcNAc(β1-6)[Fuc(α1-4)[Fuc(α1-2)Gal(β1-3)]GlcNAc(β1-3)]Gal(β1-4)Glc(-Sp21
Fraction Bound
0.0
0.2
0.4
0.6
SNA
SCA
DSL-I
WFL
VGA(EY Lab)
MAA(Seikagaku)
SBA
LCA
PSL
PTA-Gal
PNA
PNA
PNA
SBA
SBA
CA19.9-12 Lab 2
CA19.9-12 Lab 1
PS-K-A
Native PBA
Mono2W-CNX
PA-I
UEA-I
EEA(EY Lab)
TL(EY Lab)
LA-1
GS-II (EY Lab)
GSL-I-B4
MAL-I
Thiosucc
Mouse NK Cell
CSA(EY Lab)
CNA
Mono1-CNX
WGA
F11
hGal-1-488-18-C18
SSA(Vector)
Mouse Galectin-3
ME7(detected with SH-1-08)
LBL-1-2
PhoSH-1
GNL
Epa1-Np mutant E2025
DBA
ME5(detected with a-HLA)
#15 Sialyl Lewis X (BG)
GNA (EY Lab)
PHA-L
WT Galectin-3
CA19.9-1 (B244)
CSL-1-2
Sp Serotonin
#14 Sialyl Lewis X(Calbio)
PNA
PALE
UEA-I
CA19-9 Ab (NOA)
PSA
EST
MGL 6A-1-B2
Epa1-Np mutant C2458A
HLA-Np mutant C2458A
VFRB 3G2
CA19.9-3G2
NPA
AvaRCA-C16
APA-NVH
MGL-1-A
MAA
Epa1-Np mutant C2458A
SPA
SSBR
MonoC-Native
HMC-Native
HHL
Mico
MGL 6A
ABL
ABA
LFA
DC-ASGPR sPDA
SPA
SSA
PSA
UEA-I
WFL
HHA(EY Lab)
hJAA-F1-B11
TGFB-1-2
DSL
MGL-6B
Epa1-Np mutant C2458A
CSA
Bpl
WGA(Seikagaku) Bq
Jacalin
CoNA
Bauhinia
Galectin-7
GNA-Vector
PHA-E
BTL-1-B4
ECA
ECL
Epa1-Np WT
MFL
Human Galectin-1
mouse Gal-7
rNV VLP-S-L
WFL
CC1 (10647)
CC1 (10647)
VVHA (Vector)
LEL
AOL (Mabtech)
AAL
BCA1 (Abcam)
#8 Lewis B (TB18) (Abcam)
WGA multimer

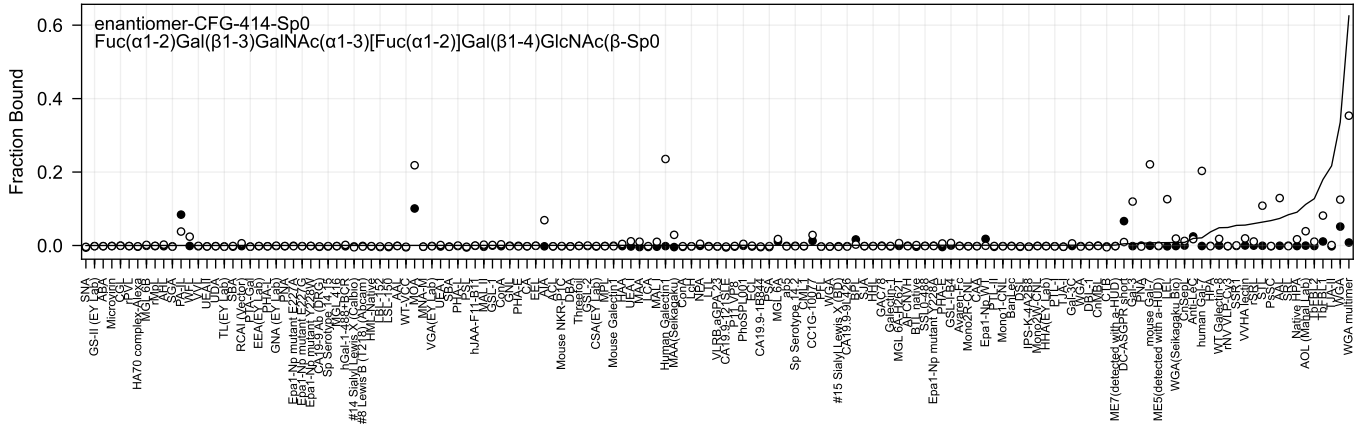

enantiomer-CFG-409-Sp21
Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-6)[Fuc(α1-4)[Fuc(α1-2)Gal(β1-3)]GlcNAc(β1-3)]Gal(β1-4)Glc(-Sp21
Fraction Bound
0.0
0.2
0.4
SNA
HHA(EY Lab)
SNA(EY Lab)
Mono2W-CNL
ABA
ABA
Mcrxy488
IPL
CA19.9-PE488
GalC
HA70 complex
WGA
MOA
ABA
Native PHA
WGA(Seikagaku)
PALM
TL(EY Lab)
TJA-I
PALI
TJA-II
SBA
VGA(EY Lab)
Epa1-Np mutant E227Q
Epa1-Np mutant Y228Q
WT-PlaGE1D1
CA19.9 AB(DRG)
Avarol
SSL1
Sp Serotype 1
SSL2
#14 Sialyl Lewis X (LBD)
#15 Sialyl Lewis X (LBD)
ME7(detected with a-HUD)
LBL-362
ME5(detected with a-HUD)
WT-MOA
MOA
MNA-M
SNA
MGL 6A-HSA
GSL
NPL
LCA
GSL-I-B4
CSA(EY Lab)
PHA-E
PHA-L
DBA
EEL
Mono1-CNL
Galectin-3C
WFA
Mouse Galectin1
UEA-I
MAL
hJAA-F11
PNA
PHA-E
PHA-L
MAA(Seikagaku)
PWM
PHA-L
CA19.9-FB244
PVG
VLRB.aGP2-23
Mouse Galectin-3
Epa1-Np mutant E227Q
AFSCN-1
Sp Serotype 1
Thrombin
UEA-I
CA19.9-121
SLE
VVL
HML-Native
PSL
PC-CTB
Anti-PSK
P11-V28
Mono2R-CNL
UEA-I
GNA
SNA
MGL-416
SSL1
SEL
CAA
LSL
COMBI
GS-II (EY Lab)
DC-ASGPR-short
Epa1-Np mutant
ECL
Galectin-1
Galectin-7
human Galectin-7
BTL native
CNL
CNL
GSL-I
mouse VWF
Human Galectin1
WGA(mutant)
LEL
LEL
CCL2
CCL7
CCL10/77
VVA
Control
SEL
RCA(VLB-Cy3)
AOL(Malta Lab)
BPL
#8 Lewis B (1218) (Malta Lab)
HPA
AAL

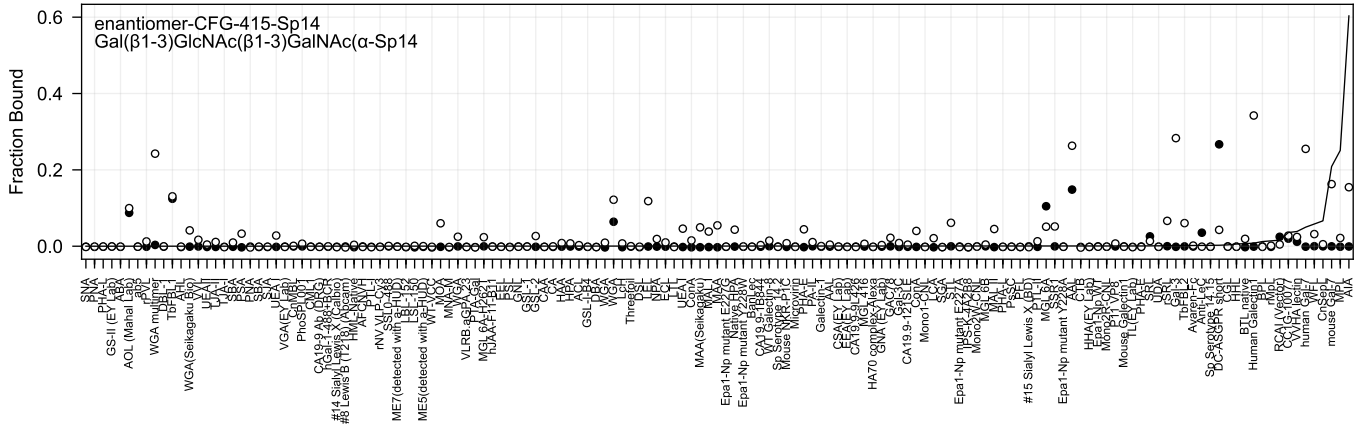

enantiomer-CFG-410-Sp21
Gal(β1-3)GlcNAc(β1-3)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-6)[Gal(β1-3)GlcNAc(β1-3)]Gal(β1-4)Glc(-Sp21
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
SNA
PNA
HHA(EY Lab)
ABA
ABG
LPS-14
cAGG-1
Gal-3
MOR
Native hPA
SBA
WGA(Seikagaku)
UEA-I
TL(EY Lab)
PSA
PNA
VGA
PhoSPL
CA19-9 Ab (PRG)
PSA
ISRT
Sp Serotype 14
DC-SIGNR short
#14 Sialyl Lewis X (Calbio)
hGal-1
MGL-EGF
HMB-EGFV4
VLDL-1
NA Ab-2
SSLC-43
MEF(detected with a-HUD)
MEF(detected with WGA)
VGA(EY Lab)
MGL6A
PHA-E
HJA-E
CSA(EY Lab)
Mouse NKR-P1C
Mong2R-CNL
p11 Ab
HAA
GSL-2
PSA-L1
PAA-I
OBA
EEL
Threefoil
GNL
PHA-E
NPA
MAL-II
MAA(Seikagaku)
CTB
MAA
CA19.9-1426
SSBP
UEA-I
SSA
Epa1-Np mutant Y228A
A23/9G12
CA19.9-1116
LCA
LBL-II
Microvillin
Monoto1 CNL
Sp Serotype 7
Mono2R-CNL
GNA
#15 Sialyl Lewis X (Bap)
CnMBL
Epa1-Np mutant M222A
EEA(EY Lab)
Bandei
MOR
#8 Lewis B (T218) (Abcam)
HA/0 complex-Alpha1
LTL
PTA-Gal
GalNAc
AAL
GNA (EY Lab)
WT Galectin-3
WGA
CoPA
GS-II (EY Lab)
LSL (TA)
PNA
Epa1-Np mutant Y228A
Epa1-Np mutant E227A
SBA
WGA multimer
BTL (Vector)
BTL Native
Mouse Galectin1
Epa1-Np Wt
Amino Gal
CEC
ACT
Human Galectin-1
CCL2 (10077)
VVHA (Vector)
human Gal-7
RCA(I (Vector)
AOL (Maltal Lab)
AAL
human Gal-7
mouse Gal-7
WFL

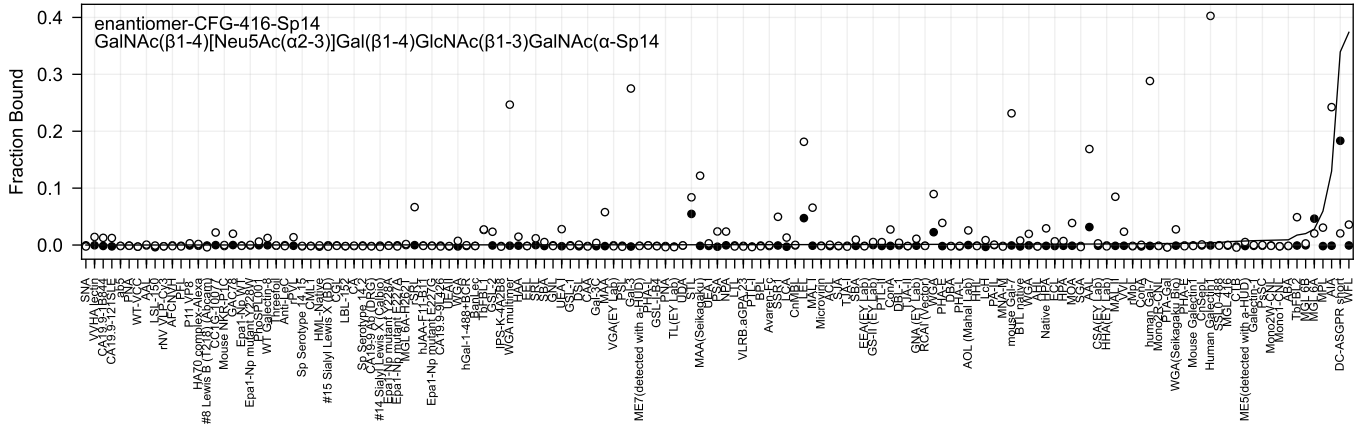

enantiomer-CFG-411-Sp21
Gal(β1-4)GlcNAc(β1-6)[Gal(β1-4)GlcNAc(β1-2)]Man(α1-6)[Gal(β1-4)GlcNAc(β1-4)[Gal(β1-4)GlcNAc(β1-2)]Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-S
Fraction Bound
0.0
0.2
0.4
0.6

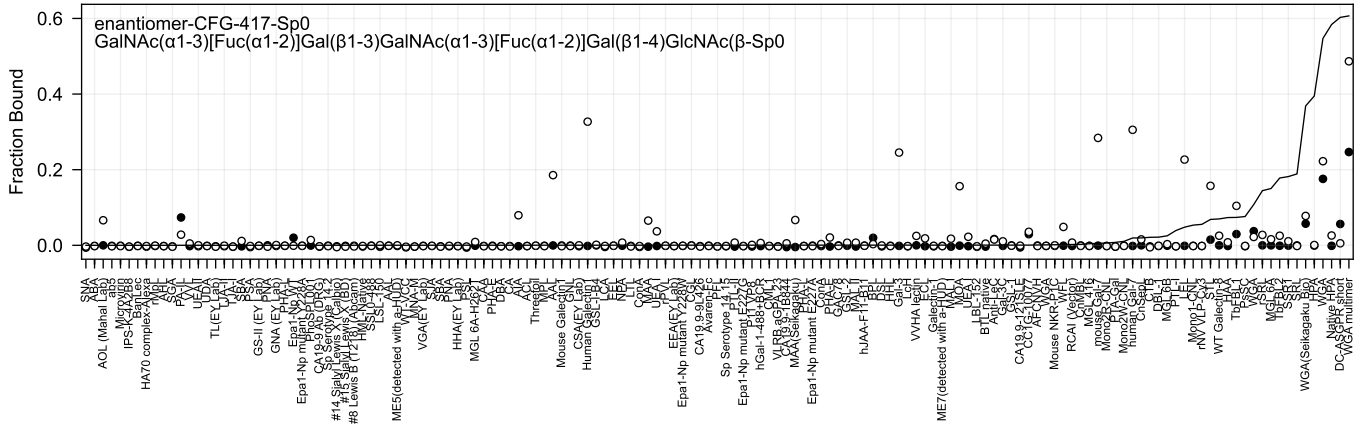

enantiomer-CFG-412-Sp21
GlcNAc(β1-2)Man(α1-6)[GlcNAc(β1-4)[GlcNAc(β1-2)]Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(-Sp21
Fraction Bound
0.0
0.2
0.4
0.6
SNA
HML-Native
VAA
SSL-148
MAA(Sekiguchi)
PHA-E
PHA-L
LBA
LBL-132
PSA
UEA-I
TJA-II
SBA
human Gal-7
CA19.9-BB44
CA19.9-12
CA19.9-72-2
CA19.9-12-SLE
IPS-K-4-A
EEA(EY Lab)
Ban
PNA
VVA
#15 Sialyl Lewis X (BD)
Mono2R-CN
AIA
WT Galectin-1
CA19.9 AB (OHSU)
MPL
Threefoil
Mouse Galectin-1
Human Galectin-1
Sp Serotype 14 (EY Lab)
MGL 4.18
PhoSP
TCT
DBA
#14 Sialyl Lewis X (CUPA)
Epa1-Np mutant Y227V
Mono1-CN
Epa1-Np mutant E227Q
Epa1-Np mutant E227A
Sp Serotype 14.2
GNA
hGal-1-488-WGA
Microcystin
Mouse NKR
LCA
PTL-I
Avarol
CBL-1
LSL-150
Lectin-1 (GALEY Lab)
HPL
Galectin-3
UEA-I
Epa1-Np mutant Y228A
MGL 64.1
Ban-lec
VLRB.aGFP
AVF
SBA
PTA
ASA
Epa1-Np WT
HA70 control
Epa1-Np mutant E227K
Mono2-BTA
AFCNV
MGL-88
NPA
VFB
P11
hJAA-F11
HPA
GRL
GSL-I
BTL (Lab)
GSL-II
GSL-I-B4
GSL-I-B4
WGA(Sekiguchi)
AOL (Mahal Lab)
DC-ASGPR
SKCT
YVHA
Native PNA
CGA
SJA
GNA (EY Lab)
TdFBL-1
WGA (UCSD)
CGL (UCSD)
ME7(detected with a-rGBA
RCA (Lectin Tech)
HHA(EY Lab)
CNMBL
GSL-I-B4
GSL-II
CVN
SRL
ME5(detected with a-rGBA
SRL
GSL-II (EY Lab)
TdSBL-1
CAA
SCA
AHL

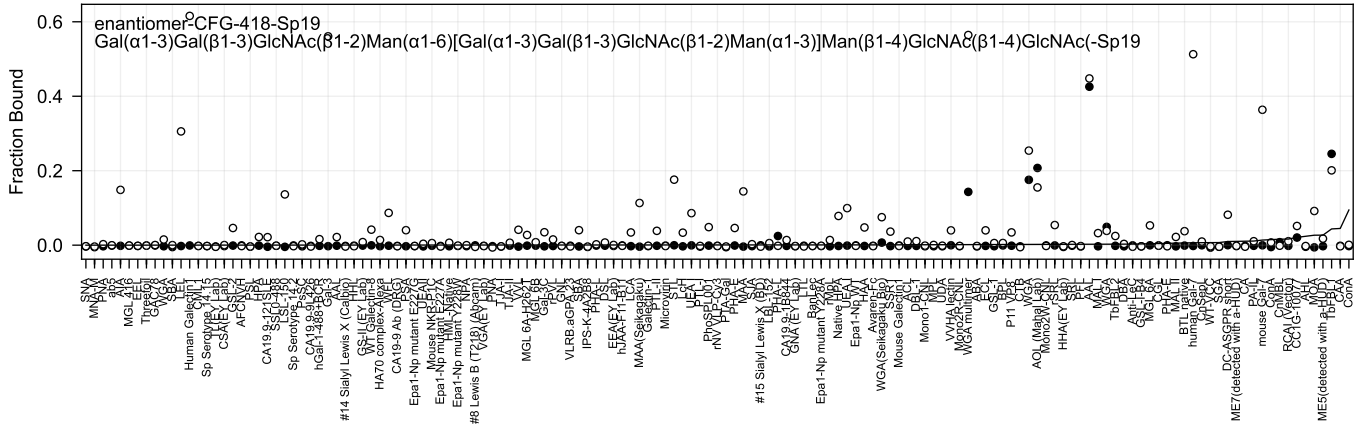

enantiomer-CFG-413-Sp0
Fuc(α1-2)Gal(β1-3)GalNAc(α1-3)[Fuc(α1-2)]Gal(β1-4)Glc(β-Sp0
Fraction Bound
0.0
0.1
0.2
SNA
IPS-K-A
Z86
Gal-3
WGA mut
UEA-I
UEA-II
TL(EY Lab)
SBA
PSA
PTA
PNA-1
MAA(Seikagaku)
MAA
GS-II (EY Lab)
HHA
HHA(EY Lab)
Epa1-Np mutant Y256A
Epa1-Np mutant Y256V
#14 Sialyl Lewis X (Calbiochem)
hGal-1-H6
#15 Sialyl Lewis X (Calbiochem)
SSL-188
WT-Y256
MVCA
WVCA
SBA
LBL-1B2
hJAA-F11
Mouse NK-GSL-1
ECL
Human Galectin1
Mouse Galectin1
GSL-A
CoBA
DBA
MPL
LCA
PHA
AIA
WGA
Mono1-Y256A
Mono2-Y256A
UEA1
#8 Lewis B (T218) (Kazan)
Sp Serotype 12
Sp Serotype 14
CA19.9-Y256A
CA19.9-Y256F
CA19.9-Y256L
CGC
RCA I (Vector)
Sp Serotype 14 15
Sp Serotype 7
Tim-1
CC1G-1G7
WFL
WFI
Gal-1
Gal-3C
CA19-9 AGP-416
Epa1-Np WT
Epa1-Np mutant E222A
Epa1-Np mutant E222Q
CA19.9-1B244
HA70 complex-SS837
SSL37
Galectin-1
ALL
AHL
HML-1
Nasso
Avarese-EC
HPA
AFCONA
BPL
BTL
EEA(EY Lab)
CSA(EY Lab)
MGL 6A-H2
ABA
Mono2W-Y256A
Anti-Leb
CoA
VLRB.aGP.23
GP.1
Epa1-Np mutant Y256A
Mistrong2
ME5(detected with a-H-D)
GNA (EY Lab)
PL-I
PL-II
Naive HPA
DC-ASGPR short
GNL
PVL
PVL-A
ME7(detected with a-H-D)
WGA(Seikagaku)
PHA-L
VFA
SRL
BT1
BT1-Y256A
CTB
MGL-6A
mouse Gal-7
mouse Gal-7-Y256A
WT Galectin-8
WT Galectin-8-Y256A
NVJA (Lectin Oxidase)
AOL (Marbal Lab)
TBA
PAL
T-JAII

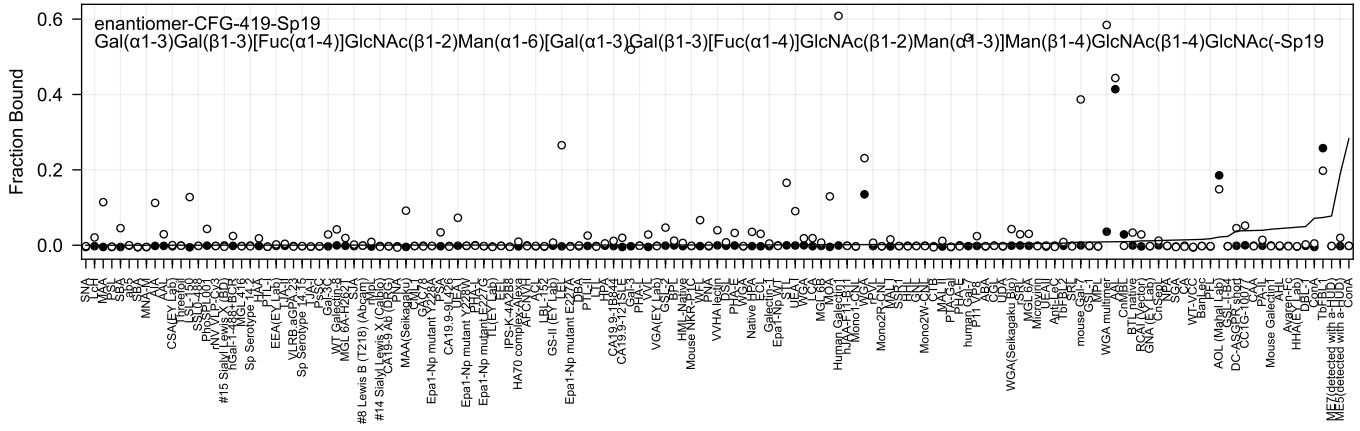

enantiomer-CFG-414-Sp0
Fuc(α1-2)Gal(β1-3)GalNAc(α1-3)[Fuc(α1-2)]Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.0
0.2
0.4
0.6
GS-II (EY Lab)
SNA
ABA
Mic-Ovo
VGL
HA70 complex
ACL
MGL-6B
ABL
SGA
RCA
WFL
UEA
UDA
TL(EY Lab)
SBA
RCAI (Vector)
EEA(Vector)
EEA(EY Lab)
GNA (EY Lab)
PNA
Epa1-Np mutant E227Q
Epa1-Np mutant E227A
Epa1-Np mutant Y228A
Epa1-Np mutant Y228Q
Sp Serotype 4 418
hGal-1-488-BCR
#14 Sialyl Lewis X (Calbio)
#8 Lewis B (TCI)
HML-Native
LSL-136
WT-AAL
MOA
VGA(EY Lab)
UEA1
PHA-E
PHA-L
hJAA-F11
LEL
MAL I
SNA-I
GNL
PHA-E
ECA
ETA
Mouse NKR
ACL
DAA
Thrombo
Tissolect
STA
CSA(EY Lab)
MPL
Mouse Galectin-1
EEA
UEA
MAA
MAL
Human Galectin1
MAA(Seikagaku)
NPA
NEA
VL RB-488-BCR
CA19.9-488-BCR
P11
Vc88
PhoSP
LCA
CA19.9-TEB
BAA
MGL-6A
Sp Serotype 22
PA2
CC1G-TOM1
DFL
#15 Sialyl Lewis X
VSA
CA19.9-Q488
BUA
SJA
ACG
Galectin-7
Galectin-1
MGL-6A/CKN1
BTL
B3 Dextrase
Epa1-Np mutant Y228S
Epa1-Np mutant Y228A
STA-E
GSL-I-B4
AVAREN-Fc
Mono2R-CKN
Epa1-Np WT
Mono1-CKN
Banlec
IPS-K-4-488
MAA(EY Lab)
HHA(EY Lab)
PTL-I
PTL-II
Gal-3C
DSA
CNMGL
ME7(detected with a-HUD)
DC-ASGPR sing
BNA
ME5(detected with a-HUD)
WGA(Seikagaku)
BEL
CnSerp
AnCaLec
human Galectin-7
PPA
WT Galectin-3
NVJ
VVHA-SSR1
SSR1
SBL
PSL
PSA
SAL
Native HPA
AOL (Marker Lab)
TEL-I
TEL-II
VGA
WGA multimer

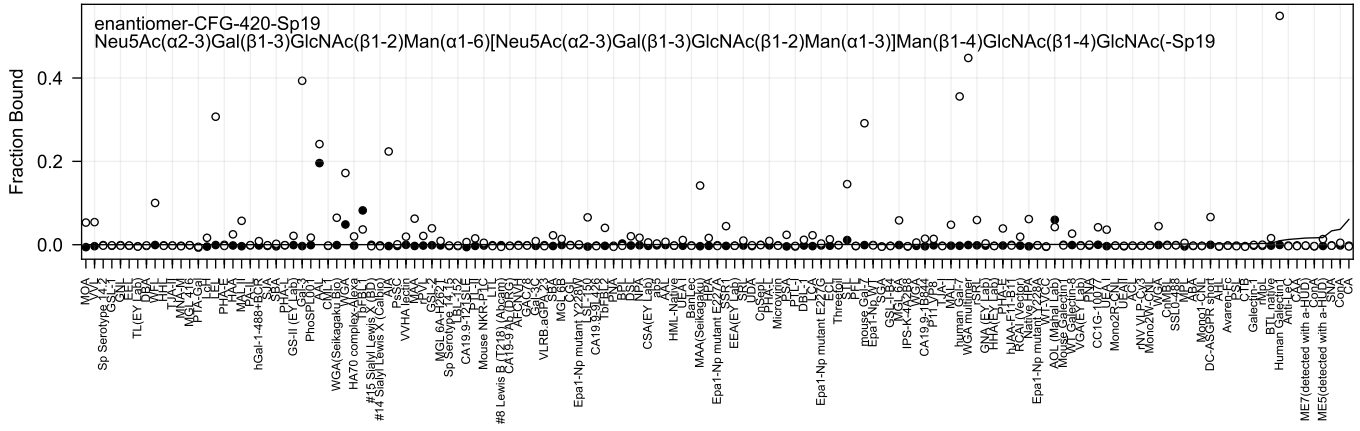

enantiomer-CFG-415-Sp14
Gal(β1-3)GlcNAc(β1-3)GalNAc(α-Sp14
Fraction Bound
0.0
0.2
0.4
0.6
SNA
SNA
PNA
PNA-1
GS-II (EY Lab)
ABA
AOL (Mahal Lab)
PVF
WGA mutant
PVF
TBP
BPL
WGA(Seikagaku, Bio)
LEA
LEA-1
LCA
SBA
PSA
SBA
SJA
UEA-1
UEA
VGA(EY Lab)
PHA-L
PhoSL(Vector)
CA19-9 Ab (Oncogene)
CA19-9 Ab (Calbiochem)
#14 Sialyl Lewis X (Calbiochem)
#8 Lewis B (Calbiochem)
HPA
HPA-1
rNV LP-1
rNV LP-2
SSLO-288
ME7(detected with a-HuIgG)
LSE-156
ME5(detected with a-HuIgG)
MOA
MVGA
VLRB.aga-23
MGL 6A (Pasteur)
HJAA-1 (Pasteur)
BS-I
BSL-I
GSL-I
GSL-I-2
CGA
CGA-2
HPA
ABA
ABA
GSL-I-B4
DBA
WGA
WGA
LCA
Tri
Thr
BSII
NEA
NEA
ECL
ECL
UEA-1
Con A
MAA(Seikagaku)
MAA(Vector)
MAA
Epa1-Np mutant EYSSA
Epa1-Np mutant Y55A
Epa1-Np mutant Y55A
CAA1-Sel-B44
CAA1-Sel-B44
Sp Serotype 14
Sp Serotype 14
Mouse MMP-7 pro
Mouse MMP-7 pro
PHA-E
PHA-E
Galectin-1
Galectin-1
GSA(EY Lab)
GSA(EY Lab)
CA19-9 (Pasteur)
MGL-416
HA70 complex
HA70 complex-Alexa
GNA (Vector)
GNA
CA19-9 - 125I-Ab
CA19-9 - 125I-Ab
Con A
Mono1
PCA
SGA
Epa1-Np mutant E227A
Epa1-Np mutant E227A
Mono2-Sel-C88
Mono2-Sel-C88
MGL-B
PHA-L
PHA-L
BSL
BSL
#15 Sialyl Lewis X (BD)
MGL-A
MGL-A
Epa1-Np mutant Y55A
Epa1-Np mutant Y55A
ZAA
CAA
HHA(EY Lab)
Epa1-Np 07
Mono3-Sel-C88
B41 V-08
Mouse Galectin-1
L(Galectin-1)
PHA-E
PHA-E
SJA
SJA
GSL-I
GSL-I
TcBPB-2
TcBPB-2
Avenin-C
Avenin-C
Sp Serotype 14 15
Sp Serotype 14 15
DC-ASGPR
DC-ASGPR
SJGH
SJGH
HHL
HHL
BTL
BTL
Human Galectin-1
Human Galectin-1
RIC
RIC
RCA(Vector)
RCA(Vector)
CVNHA
CVNHA (lectin)
human VEGF
human VEGF
CrSep1
CrSep1
mouse VEGF
mouse VEGF
AIA
AIA

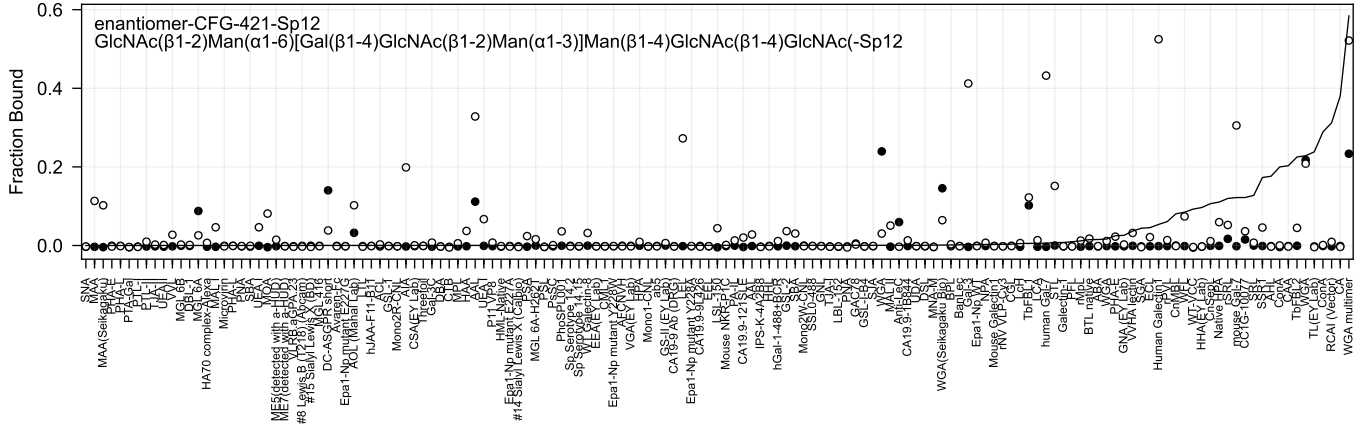

enantiomer-CFG-416-Sp14
GalNAc(β1-4)[Neu5Ac(α2-3)]Gal(β1-4)GlcNAc(β1-3)GalNAc(α-Sp14
Fraction Bound
0.0
0.1
0.2
0.3
0.4
SNA
VVHA
BSII
CA19.9-12
CA19.9-12 Biotin
ab5
PNA
WT
A2A
nV
LSL-C3
AFC-NA
P11
VP8
HA70
#8 Lewis B (P2B) (Alexa)
C6
Mouse NK-1 (D7)
GalC
Epa1-Np mutant
Epa1-Np mutant 21
PropSP1D01
WT Galectin-1
Anti-Fc
Sp Serotype 14
Sp Serotype 14 Fc
HML-A
#15 Sialyl Lewis X (Bio)
LBL-132
Sp Serotype 1-2
CA19.9 Alt (DRG)
#14 Sialyl Lewis X (Alexa)
Epa1-Np mutant Fc
Epa1-Np mutant Fc 22A
MGL 64-1
ISRI
hIAA-Fc
Epa1-Np
CA19.9-1-326
WGA
hGal-1-488+BCR
TcBLC
TcBLC-Y
JFS-K-42-Biot
WGA multimer
EEA
SBA
SBA
GNL
USL
GSL-I
DSL
Gal-3
Gal-3C
MAA
VGA
VGA(EY Lab)
PSL
ME7(detected with a-
SGD
GSL-II
PNA
TL(EY Lab)
SHL
MAA(Seikagaku)
LEA
NPA
VLRB.aGP-1-3
BPL
Avarol
SSA
ConA
MAL
MAL II
Microvirin
ACA
TJA-I
SJA
SJA
EEA(EY Lab)
GSL-II(EY Lab)
ConA
DSL-I
RCA-I
RCA(EY Lab)
WGA
PHA-E
PHA-L
PWM
AOL (Mamali Lab)
HPA
PCH
MAA-N
mouse Galectin-7
BTL
WGA
CBA
Eel
Eel
MOA
SGA
SGA(EY Lab)
HHA(EY Lab)
MAL II
MVL
ConA
human Galectin-7
Monoclonal CA19.9
WGA(Seikagaku)
PHA-Gal
PHA-E
Mouse Galectin1
Human Galectin1
SNGL 418
SNGL 418
ME5(detected with a-
CUB
Galectin-1
Galectin-1
Mono2W-CA19.9
Mono1-CA19.9
TcFBP
TcFBP
MGL 64
MGL 64
MPL
NA
DC-ASGPR
s
WFL

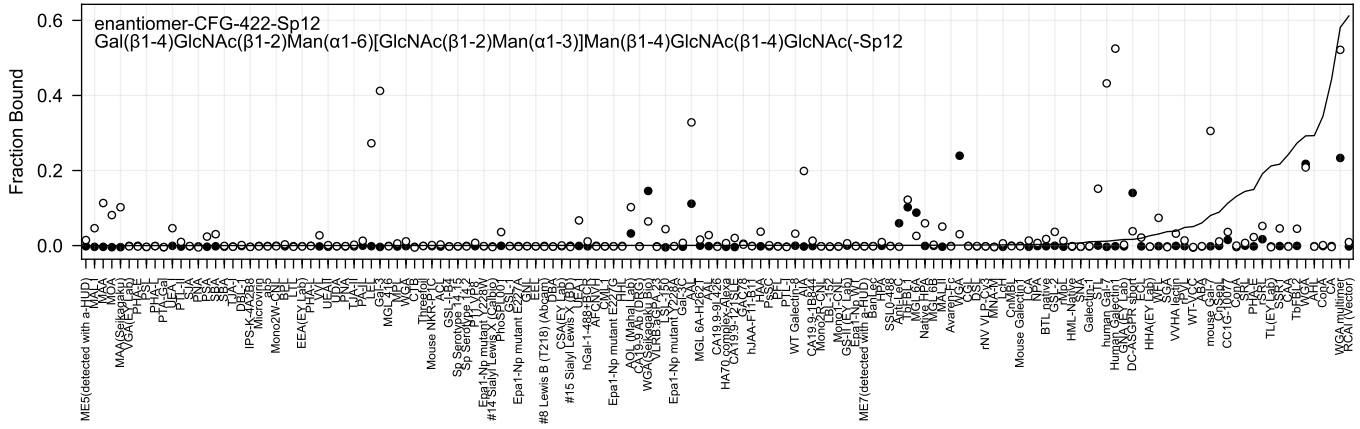

enantiomer-CFG-417-Sp0
GalNAc(α1-3)[Fuc(α1-2)]Gal(β1-3)GalNAc(α1-3)[Fuc(α1-2)]Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.0
0.2
0.4
0.6
SNA
SNA (Lab)
AOL (Mahal Lab)
Microvirin
IPS-Fc
GAL08
HA70 complex-Alexa
ABL
PSA
SCA
VVL
UEA
TL(EY Lab)
VVA
SBA
GS-II (EY Lab)
GNA (EY Lab)
PHA-L
Epa1-Np mutant 2-284
Epa1-Np mutant 1-284
CA19-9 (PDG)
Sp Serotype 14.2
#14 Sialyl Lewis X (IBD)
#13 Sialyl Lewis X (IBD)
#8 Lewis B (12-mer)
RM(Acam)
SSL7-488
LSL-488
ME5(detected with a-HUD)
MAL
MAA-N
VGA(EY Lab)
EAN
SBA
SBA
SBA
HHA(EY Lab)
MGL 6A-H265T
CAA
PNA
DBA
CA
ACL
Threalin
AAL
Mouse Galectin-1
CSA(EY Lab)
Human Galectin-1
GSL-IB4
ECA
NEA
CGL
UDA
MAA
PVL
EEA(EY Lab)
Epa1-Np mutant 1-280
CGL
CA19.9-6-6
Xvarin
Sp Serotype 14 F1
Epa1-Np mutant F1-11
Epa1-Np mutant F1-7-28
hGal-1-488-pDS
CGL
VLRB.aG2A.121
VLRB.aG2A.122
MAA(Sialyl-a2,3)
Epa1-Np mutant E2-6
Epa1-Np mutant E2-10
CGL
CAA
CGL
GSL-2
GSL-1
hJAA-F(Y-B-1)
BPL
HPL
Gal-3
Gal-1
VVHA lectin
Galectin-1
ME7(detected with a-HUD)
MOA
LBL-T-62
BTL native
Arthrobac
Gal-3C
CA19.9-17-Sial-1
CC1(2-10)V7
AC-WGA
Mouse NKR-P1F
RCAI (Vector)
MGL(Vector)
mouse Gal-7
Mono2VGal-7
Mono2VGal-1
human Gal-7
CA-Sialyl
MGL-Bd
PBL-Bd
LEL
MOVF-Gal-1
rNOVF-Gal-1
SNL
WT Galectin-3
TBEB-1
VGA
SBA
PNA
MGL
TBEB-2
SSL1
WGA(Seikagaku Bio)
WGA
WGA
DC-ASGPR
Neuraminidase
WGA multimer

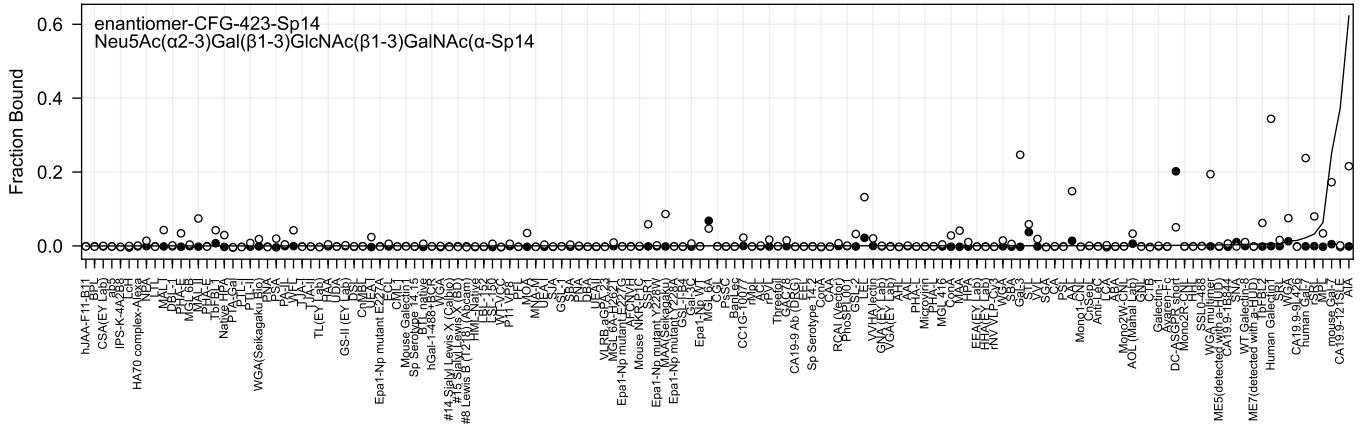

enantiomer CFG-418-Sp19
Gal(α1-3)Gal(β1-3)GlcNAc(β1-2)Man(α1-6)[Gal(α1-3)Gal(β1-3)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(-Sp19
Fraction Bound
0.0
0.2
0.4
0.6
SNA
MNA
PNA
AIA
ACA
MGL-6P
Tkaxella
Gerbera
WGA
SBA
Human Galectin-1
Sp Serotype 14 L1
CSA(EY Lab)
CSA(EY Lab)
ArtCNA
CA19 9-12 Ab
LCA
SSA
LST-1 Ab
Sp Serotype 3 SC
CA19 9-12 Ab
hGal-1 Ab
Gal-3
#14 Sialyl Lewis x (Calbiochem)
GSII(EY Lab)
WT Galectin-8
HA70 complex-Wild
CA19-9 Ab (ORIGENE)
Epa1-Np mutant E227G
Mouse NKG2D-Fc
Epa1-Np mutant Y227A
Epa1-Np mutant Y227A/E227G
#8 Lewis B (T218) Ab
Epa1-Np mutant Y227A
CGA(EY Lab)
T-Ag
T-Ag
MGL 6A-H2641
MGL-6B
Gal-8
PVL
VLRB.aGP
SBA
IPS-K-42
PHA-E
DSL
EEA(EY Lab)
hJAA-F11-B11
MAA(Seikagaku)
Galectin-1
Microvirin
Sch
UEA-I
PhoSL Ab
nNV P-Ag
PHA-L
PHA-E
#15 Sialyl Lewis x (BD)
SNA
CA19-9 Ab (BD)
PHA-L
CA19-9 Ab (BD)
CNA (EY Lab)
TL
Epa1-Np mutant Y227A
Native UEA-I
Epa1-Np mutant Y227A
WGA(Seikagaku)
Avarex-Fc
SSR(7)
Mouse Galectin-1
PSL-1
Mono1 Ab
VVHA
UDA
Mono2R Ab
WGA mutant
ECL
GNA
BPL
P11
VFA
WGA
AOL (Mabtech)
Mono3M Ab
HHA(EY Lab)
SBL
ABL
ALL
MAL
TbFBP2
DBA
Apt-B34
SSL-B34
MOA
PHA-E
PHA-L
BTL native
human Gal-7
WT-VCC
DC-ASGPR sign
ME7(detected with a-HUD)
mouse Gal-7
PA-IL
CNMBL
RCA(CyMBL)
CCL19-Fc(mouse)
ANL
ME5(detected with a-HUD)
TbLBP
PAA
ConA

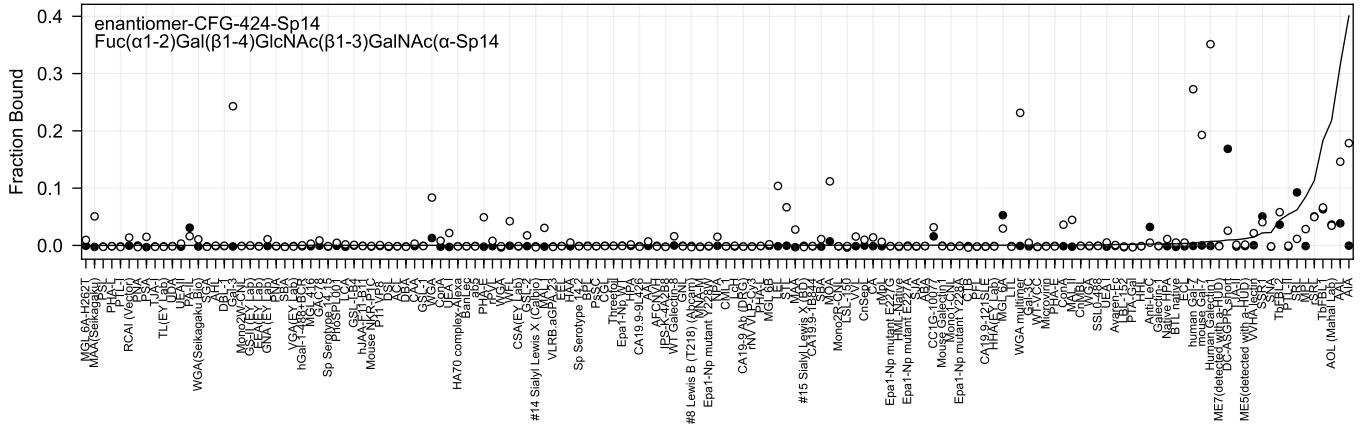

enantiomer-CFG-419-Sp19
Gal(α1-3)Gal(β1-3)[Fuc(α1-4)]GlcNAc(β1-2)Man(α1-6)[Gal(α1-3)Gal(β1-3)[Fuc(α1-4)]GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(-Sp19
Fraction Bound
0.0
0.2
0.4
0.6
SNA
SNA
MAA
SBA
SBA
ABA
MNA-N
AAL
CSA(EY Lab)
Cst-1(pb)
SSA
SSA(F1-88)
PNA
PNA(VLP-GP3)
#15 Sialyl (α2-3) Galactosyl (β1-4) Glc
Gal-T2(Hs BCR)
NGA 419
Sp Serotype 14 18
HAA
EEA(EY Lab)
VLRB.aGPC.1
Sp Serotype 14 18
PSA
Gal-3C
WT GFP-Tim3
MGL GFP(282-1)
SJA
#8 Lewis B (T218) (Abcam)
SJA
#14 Sialyl (α2-3) Lactosyl (β1-4) Glc
PNA
MAA(Seikagaku)
PNA-1
PSA
Epa1-Np mutant Y228A
PSA
CA19.9-GVLA
Epa1-Np mutant Y228W
Epa1-Np mutant E227G
TL(EY Lab)
IPS-K-A2B8
HA70 complex
APCN01
GS-II (EY Lab)
LBA
Epa1-Np mutant E227A
PDA
PCL
CA19.9-1B22
CA19.9-12-15E5
PHA-L
VAA
VGA(EY Lab)
GSL-2
HMA
Mouse NKR-P1C
PNA
VVHA (pb)
PTA
PHA-E
Native PDA
ECL
Galectin-1
Epa1-Np WT
LEL
WGA
MGL 2B8
MOA
Human Galectin-1
hLAA-P1-B11
Mono1 WGA
PNA
Mono2R WGA
MAL
SSL1
GNL
Mono2W-CTB
PNA-1
PHA-E
hum IgM Fab
ABA
UDA
WGA(Seikagaku-pb)
MGL 6A
Mouse LEAI
ANA
TD-1
SRL
mouse Sialyl-T
MPL
WGA mutant
Aal
CnMBL
BT1 (Vector)
RCA I (Vector)
GNA (EY Lab)
NPA
SCA
WT-VCC
Bcn (pb)
PHE
AOL (Matsu Lab)
DC-ASGPR.sol.pt
CCTR-sol.pt
CAA
Mouse Galectin-1
ACL
Avarol (pb)
HHA(EY Lab)
Dsl-1
MEZ(detected with a-HUD)
MEZ(detected with a-HUD)
ConA

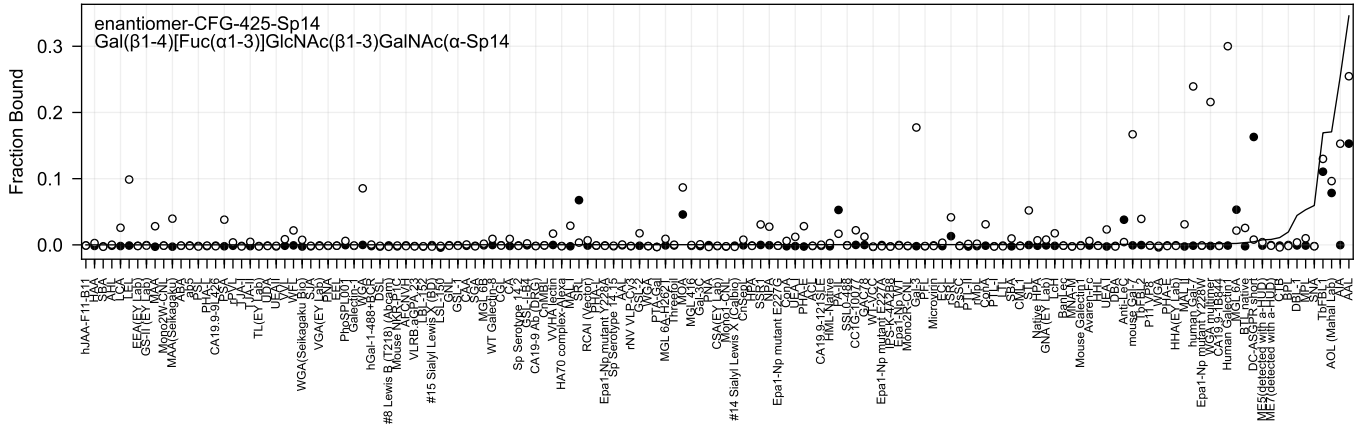

enantiomer-CFG-420-Sp19
Neu5Ac(α2-3)Gal(β1-3)GlcNAc(β1-2)Man(α1-6)[Neu5Ac(α2-3)Gal(β1-3)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(-Sp19
Fraction Bound
0.0
0.2
0.4
WGA
Sp Serotype 4.2
Sp Serotype 4.1
GNL
TL(EY Lab)
EBL
PWA
LFL
TNA
MNA-1
MGL-418
PHA-L(E)
LEL
PHA-E
PHA-L
MAL-I
HPA
hGal-1-488-BCR
SBA
PNA
GS-II (EY Lab)
PhoSL(EY Lab)
PhoSL(Vector)
WGA(Seikagaku)
CML-1
WGA
HA70 complex-Alexa
#15 Sialyl Lewis X (Bio)
#14 Sialyl Lewis X (Calbiochem)
PsSC
MAA
VVHA
GSL-I
MGL 6A-PE-1
Sp Serotype 1-1-52
CA19 9-1-52-SLE
CA19 9-1-52-PTC
Mouse NKR-PC
#8 Lewis B (T218) (Abiotech)
CA19 9-1-52-FITC
ACL(Vector)
GAL(Vector)
VLRB.aGPI
SSA
MCA
Epa1-Np mutant Y229V
CA19 9-34-428
TBPA
BPL
NPA
CSA(EY Lab)
AAL
HML-NIBRI
BanLec
MAA(Seikagaku)
Epa1-Np mutant E232A
EEA(EY Lab)
SJA
CPA
PNL
Microcystin
PTA
DBL-1
Epa1-Np mutant E227A
Threonin
SBL
mouse Gal-7
Epa1-Np WT
GSL-I-B4
IPS-KMC-68
CA19 9-1-52-Alexa
W32
PTL(EY Lab)
MAL-I
human Gal-7
WGA mutant
GNA(EY Lab)
HHL(EY Lab)
HPA-FITC
NAA(EY Lab)
Nanovip-FITC
Epa1-Np mutant T226S
ACL (Vector Lab)
Mouse Galectin-3
VGA(EY Lab)
PNA
CCL1G-1(077)
Mono2R-CRD
UEA-I
rNV VLP-Cy3
Mono2W-CRD
CrMBL
SSL(MBL)
MBL
Mono1-CRD
DC-ASGPR sight
Avarem-FITC
ESL
Galectin-1
BTL (Vector)
Human Galectin1
Alfalfa
ME7(detected with a-HOD)
ME5(detected with a-HOD)
SNA
CA

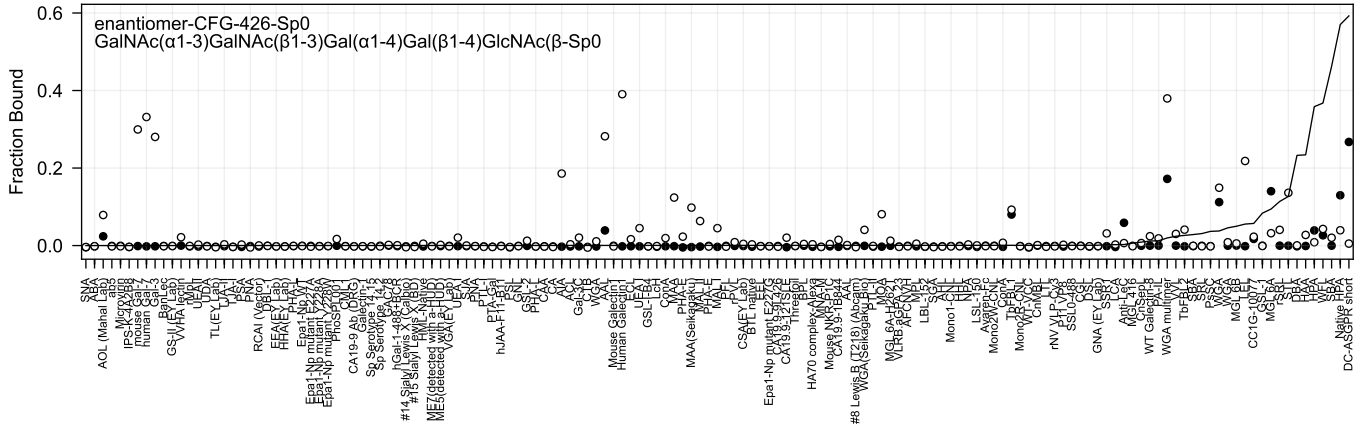

enantiomer-CFG-421-Sp12
GlcNAc(β1-2)Man(α1-6)[Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(-Sp12
Fraction Bound
0.6
0.4
0.2
0.0
SNA
MAA(Seikagaku)
MAA
PTA-I
PTA-II
PTA-Gal
FTL-I
FTL-II
UEA-I
VGB
MGL-1
MGL-2a
MGL-2b
HA70 complex
MALI
Mac-2
PNA
ECA
SBA
VFA
VVA
ME5(detected with a-HUD)
ME7(detected with a-HUD)
#8 Lewis B (Y218) (Yagi)
#15 Sialyl Lewis A (Yagi)
DC-ASGPR short
Epa1-Np mutant E227G
AOL (Mahal Lab)
hJAA-F11-B11
GSCI
Mono2R-CNL
CSA(EY Lab)
Tetanus
Gaa
DBA
MPL
MPA
HAA
UEA-I
PA-IL
HML-Native
Epa1-Np mutant E227A
#14 Sialyl Lewis X (Bose)
MGL 6A-F2B1
Mono1-CNL
PhoSL
PhoSC
Sp Serotype 1-01
Sp Serotype 14-15
Sp Serotype 14-18
VEA (Yagi Lab)
Epa1-Np mutant Y228W
VGA(EY Lab)
HPA
LCA
GS-II (EY Lab)
CA19.9-A6 (Oki)
Epa1-Np mutant Y228F
CA19.9-B2
EEL
EEA
Mouse NKR-P1C
PA-IIL
CA19.9-12
SAL
IPS-K-4-APB
hGal-1-488-BCS
GSL-A
Mono3W-CNL
SSL1-GNA
SSL1-GNB
LBL
TJA2
PNA
GS-I-B4
SNA
MAL-I
CA19.9-H
B-PE-B4
UDA
PWM
MNA
WGA(Seikagaku)
Bauhe
Epa1-Np
NPA
Mouse Galectin-3
RNA VVL-3
CGL
TbFBP
TbFBP-2
human Galectin-1
STL
Galectin-7
BTL native
ABA
ABA-E
PHA-E
GNA (Lab)
VFA (Lab)
SGA
Human Galectin-3
PDL
CrVEL
WEL
HHA(Yagi Lab)
CaSerpin
Native SFL
mouse Galectin-7
COCTG-Galectin-7
SRL
SHL
ConA
ABL
TbFBP-3
VGA
ConA
TL(EY Lab)
RCA(Vector)
WGA multimer

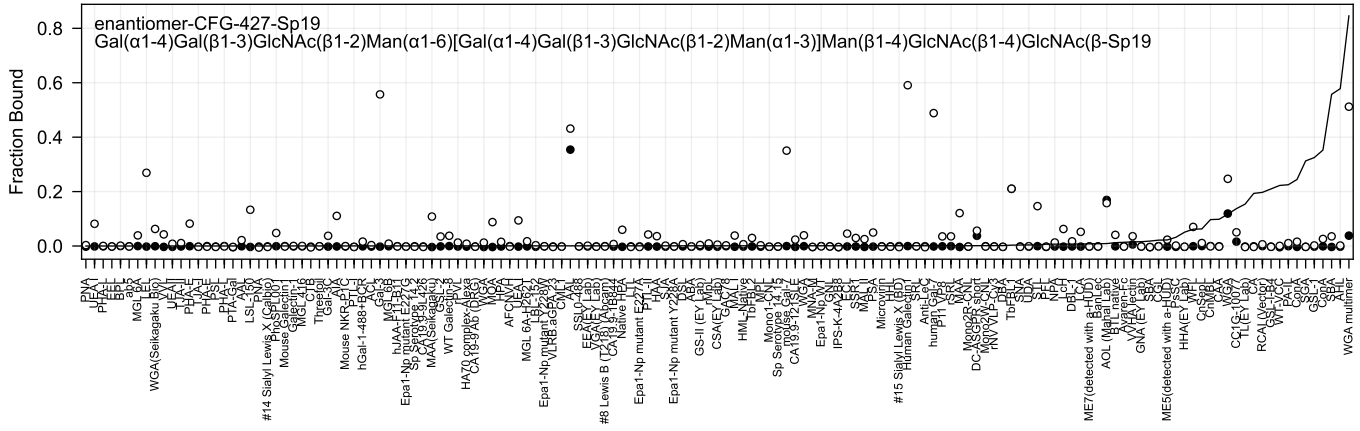

enantiomer-CFG-422-Sp12
Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(-Sp12
Fraction Bound
0.0
0.2
0.4
0.6
ME5(detected with a-HUD)
MGA
MAA
MAA(Seikagaku)
VGA(EY Lab)
PSL
PNA-Gal
PTA
PEA
STA
PSA
SBA
PHA
UEA
DBA
IPS-K-562cl4
Microvillin
Mono2W-CRP
BPL
EEA(EY Lab)
PHA-L
UEAII
PRA
PNA
TAA-I
LEL
MGL-2A13
MGL-1
WFA
CTB
Thrombin
Mouse NKRepsol
AOL
GSL-I-A4
Sp Serovar 14-15
Sp Serovar 14-18
Sp Serovar 19F-1
Epa1-Np mutant V228W
#14 Sialyl Lewis B(Kasuya)
Epa1-Np mutant E227L
GNL
Sp7-L
EEL
#8 Lewis B (T218) (Abe-Ebi)
DBA
CSA(EY Lab)
#15 Sialyl Lewis C (BD)
hGal-1-488
LEA
APC-CD4
Epa1-Np mutant E227Q
FHL-1
Epa1-Np mutant E227A
AOL (Mahal Lab)
CA19-9 (Ab-Ebi)
WGA(Seikagaku)
VEL
TSL-1
Epa1-Np mutant Gal-3
MGL 6A-H-488
AAL
CA19-9-488
CA19-9-1426
HA70-CA19-9-1116
CA19-9-1214
hAAA-FITC-B13
HSA
PE
PT-1
WT Galectin-1
CA19-9-1-B12
Mono2-FITC
TBL-2A2
MonoB-CRP
GS-II (EY Lab)
ME7(detected with a-HUD)
Barley
SSL0-488
AnnEx
MGL-1A
Neu5Ac-488
WGA-488
MAL-I
Avarol
WGA
OSL
rNV VHA
MAL-II
TGN
GlcNBT
Mouse Galectin-3
NPA
BTL
BTL (alive)
GSL-I-B4
HML-Native
Galectin-3
STL
human Galectin-1
Human Galectin-1
DC-SIGN-FITC
ECL
HHA(EY Lab)
VVHA
PNA-Neu
WT-ASGPR
mouse Gal-7
CC1G-10647
CorA
PHA-E
PHA-L
TL(EY Lab)
SSA
TxB
ABA
VVA
CorA
WGA multimer
RCA (Vector)

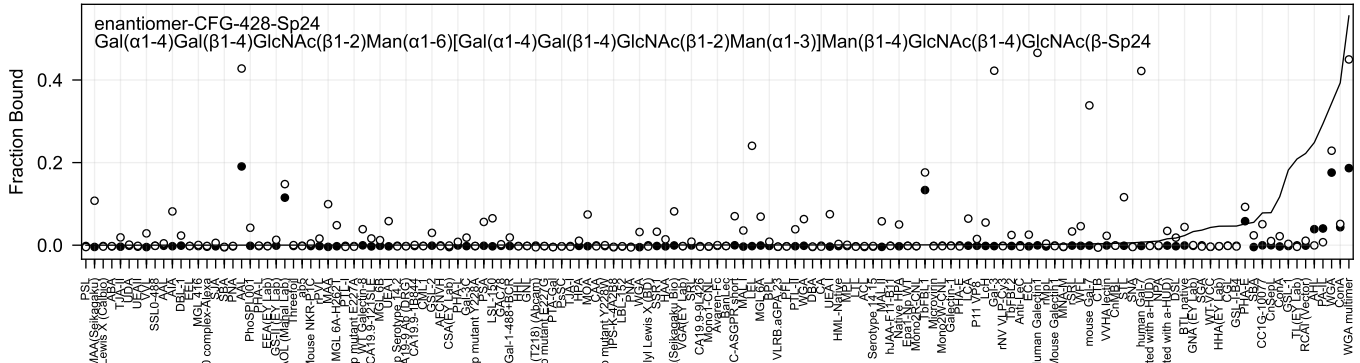

enantiomer-CFG-423-Sp14
Neu5Ac(α2-3)Gal(β1-3)GlcNAc(β1-3)GalNAc(α-Sp14
Fraction Bound
0.0
0.2
0.4
0.6
hJAA-F11_B11
BP1
CSA(EY Lab)
IPS-K-A288
HA70 complex-Alg24
NEAK
MAL1
PHA-L
BPL-1
MGL-66
BTA-1
TcFBP2
Napu-Gal
PT-1
WGA(Seikagaku, Biot)
ESA
FAP-1
TJA-I
JAC
TL(EY Lab)
TDA
GSA
GS-II (EY Lab)
MBL
CrPDA
Epa1-Np mutant E226A
CML-1
Mouse Gal-1
Sp Serotype 14 r15
hGal-1-128-136
WGA
#14 Sialyl Lewis X (CHBD)
#13 Sialyl Lewis X (CHBD)
#8 Lewis B (12 Man-Acam)
Man-Acam
LEL-125
LEL-126
WSA-120
P11
VCA
MOA
MNA-M
SJA
GSA
SBA
DBA
UEA-I
VVL
RBL
MGL-A-E227Q
Epa1-Np mutant E227Q
Epa1-Np mutant E227A
Mouse NKR-P1C
Epa1-Np mutant Y228W
MAA(Seikagaku)
Epa1-Np mutant S229A
Gal-3C
Epa1-Np mutant Y228A
MGL-6A
PSL
PSA
Barley
CC1G-1
NPA
ACL
ACA
Thrombomodulin
CBG
CA19-9 Ab
EEL
Sp Serotype 14
CAA
RCA(Vector)
PhoSL(Vector)
GSL-I
GSL-II
WVA(Lectin Lab)
GNA(EY Lab)
ACG
AAL
PHA-E
PHA-L
MkaPHA-L
MGL-416
MAA
MAH
EEA(EY Lab)
RCA(EY Lab)
rNVH-VP1
WGA
GNA
SNA
STL
SJA
GSA
PCA
ACL
ACA
Mono1-Gal
Anti-Lac
ABA
Monoa2W-CMP
AOL(Marine Lab)
CNL
Galectin-1
DC-ASGPR-Fc
Galectin-3
Mono2R-GNT
LTA
SSLL(Lab)
WGA multimer
ME5(detected with a-EUDD)
CA19-9-TBA
SNA
ME7(detected with a-EUDD)
WT Galectin-7
Human Galectin-7
SBL
CA19.9-9.426
human Galectin-7
MPL
CA19-9-12.15
ACL
AIA

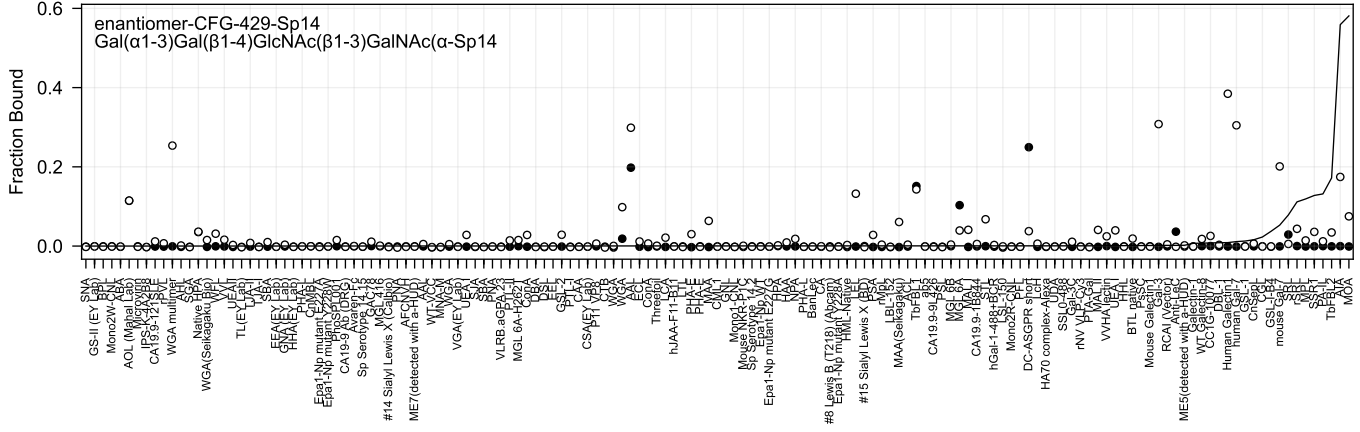

enantiomer-CFG-424-Sp14
Fuc(α1-2)Gal(β1-4)GlcNAc(β1-3)GalNAc(α-Sp14
Fraction Bound
0.4
0.3
0.2
0.1
0.0
MGL 6A-H2627
MAA(Seikagaku)
PSL
PPL
RCAI (Vector)
PSA
TL(EY Labs)
UEA
PAL
WGA(Seikagaku)
BPL
ALL
DSL
Gal-3
Mono2W CNL
GEEA(EY Labs)
GNA(EY Labs)
PNA
SBA
VGA(EY Labs)
hGal-1-488-BGR
MGA 478
Sp Serpin K8-1-115
PhBSP LDA
Sp Serpin K8-1-115
ACL
ACA
GNA
GSL-I B4
hJAC-488
GSL-I B4
Mouse NKR-P1C
PTL
UDA
ACL
CAA
GNA
GSL-I B4
CPA
CSA
HA70 complex-Alexa
Banlec
PhBSP
WFL
WGA
VVL
CSA(EY Labs)
GSL-I B4
#14 Sialyl Lewis X (Carbio)
VLRB.aGPA2
FAL
FAL
Sp Serotype 6B
PSSL
Thrombin
Epa1-Np (V2)
Epa1-Np mutant (V2)
CA19.9-9-126
CA19.9-9-126
AFA
IPS-1-FA2B8
WT Galectin-8
#8 Lewis B (T218) (Kyowa)
Epa1-Np mutant (V2)
CMA
CA19.9 Ab (PG1)
CA19.9 Ab (PG3)
RN-Ab (PG4)
MGL-FE
MGL-FE
LEL
LEL
#15 Sialyl Lewis X (BD)
CA19.9-1-488
SBA
MOA
Mono2R CNL
LSL-139
CnSerpin
CA
Epa1-Np mutant E22YG
Epa1-Np mutant E22YA
Epa1-Np mutant E22YA
SJA
CCG-1004
Mouse Galectin-1
Mouse Galectin-1
Epa1-Np mutant Y228A
GTF
CA19.9-1-488
SLE
HHA(Vector)
MGL-FE
WGA multivalent
Gal-3C
Wheat Germ
Microvirin
PCA
LEL
MAL
CWA
SSL1-488
Avarrhinum
PSL-152
PSL-152
HPL
Galectin-7
Galectin-1
BTL Tetrac
Native HPA
human Gal-7
human Gal-1
Human Galectin-1
ME7(deglycosylated)
OCA 488-BGR sialo
ME5(detected with a HOD)
WHA(sialo)
SNA
SNA
TbFBP-2
PNA
SSL1
MEL
MEL
TbFBP-1
AOL (Marial Aal)
AIA

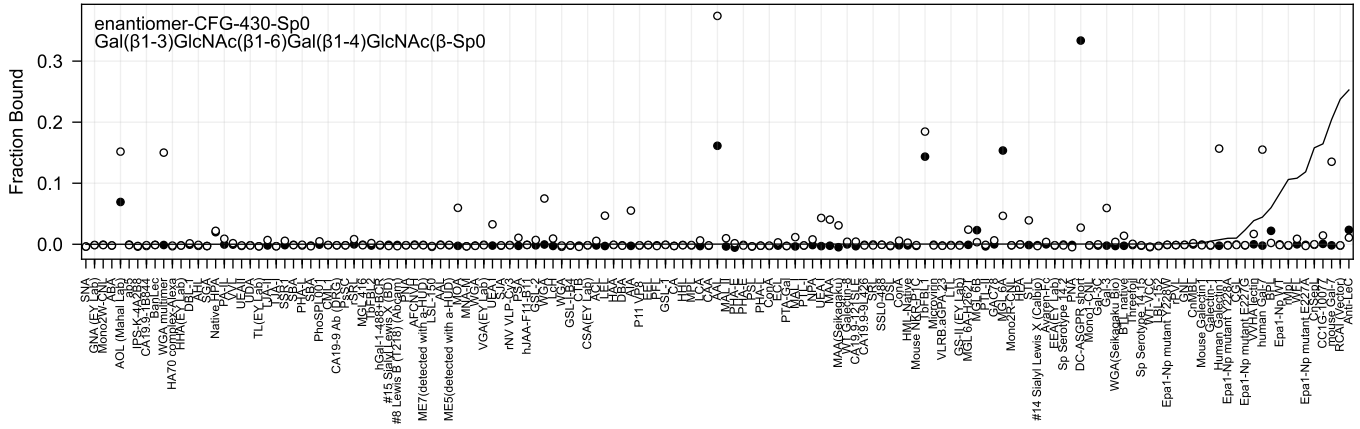

enantiomer-CFG-425-Sp14
Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-3)GalNAc(α-Sp14
Fraction Bound
0.0
0.1
0.2
0.3
hJAA-F11
B11
BJA
SBA
LCA
PNA
EEA(EY Labs)
GS-II(EY Labs)
Mogo2W-CNL
MAA(Seikagaku)
ABA
ABP
PHA-L
CA19.9-Sp26
PSA
PWM
TJA-I
TL(EY Labs)
UEA-I
UEA-II
VVL
WGA(Seikagaku, Biotech)
SJA
VGA(EY Labs)
PNA
PhpSP-1001
Galectin-1
hGal-1-488-BCR
#8 Lewis B (T218) (Abbiotech)
Mouse NKR-P1C
VLRB gPA 23
#15 Sialyl Lewis X (T82)
LS (T81)
GSL-I
SAA
SNA
MGL-668
WT Galectin-3
CA
Sp Serotype 14
CSF-1-B4
CA19-9 Abcore
VVHA lectin
HA70 complex
MAH
SRL
RCAI (Vector)
Epa1-Np mutant 14-3-3
Sp Serotype 14
rNV VP1
ESA-2
VVSA
MGL 6A (T268)
PTA
Thrombolin
MGL-418
GSL-II
PNA
CSA(EY Labs)
CA(EY Labs)
#14 Sialyl Lewis X (Calbiochem)
Cnl-RPA
SSBA
Epa1-Np mutant E227G
UEA-I
PHA-E
CA19.9-121(SLE)
HML-Native
SSL-148
CCTG
GNA(Vector)
WFA
Epa1-Np mutant T-2-3
Epa1-Np mutant T-2-3-B
Epa3-NP
Monoclonal
Galectin-3
Microtubin
ESL
ESL
PSA
PSA
MGL-II
PHA-L
CA19.9
TJA-I
CBA
SJA
GNA(Vector)
Native Lectin
CH
BanLec
RNA-N
Mouse Galectin-1
Avidin
LTA
OBA
Ambrosia
mouse Galectin-2
PTA
PTA-B-2
PTA-B-1
PVA-E
PVA-A
HHA(E-Y Labs)
MAL(II)
human Galectin-7
Epa1-Np mutant 14-3-3
WGA quadrant
WGA quadrant
Human Galectin-1
MGL-6A
BTA
DC-ASGPR
MEK1(detected with a-HUD)
MEK2(detected with a-HUD)
DBA
SPA
DBL-T
MAL
Tbp
BLA
AOL
AOL (Marial Lectin)
AAL

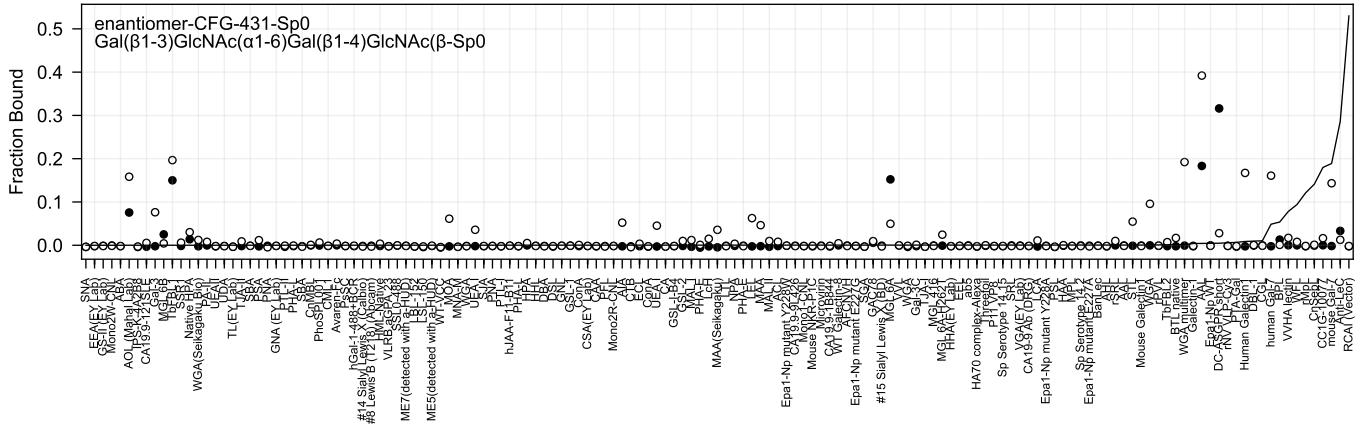

enantiomer-CFG-426-Sp0
GalNAc(α1-3)GalNAc(β1-3)Gal(α1-4)Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.6
0.4
0.2
0.0
SNA
SNA (Lab)
AOL (Mahal Lab)
Mcrxyn
IPSL-2A9
mouse Galectin-7
human Galectin-7
Bovine Galectin-3
GS-IV (EY Lab)
VVHA (EY Lab)
WGA
UEA1
TL (EY Lab)
VIA
PNA
RCA
RCAI (Vector)
EEA (EY Lab)
HPA (EY Lab)
Epa1-Np WT
Epa1-Np mutant E222A
Epa1-Np mutant E222Q
Epa1-Np mutant Y229W
PhoSL
CML1
CA19-9 Ab (OncG)
Sp Serotype 14
Sp Serotype 14 Ab
Sp Serotype 23F
#14 Sialyl Lewis a (LIBO)
hGal-1-488-BCR
#19 Sialyl Lewis x (LIBO)
MEF (detected with a HUD)
ME5 (detected with a HUD)
VGA (EY Lab)
PNA
PTL-I
PTL-II
hJAA-F11-Fab
PSL
GSL-I
PCA
CA
ACA
Galectin-1
WGA
ACA
Mouse Galectin-1
Human Galectin-1
UEA1
GSL-I-B4
CGA
PHA-E
PHA-L
MAA (Seikagaku)
MAA
PAA-E
PAA-L
PVL
CSA (EY Lab)
BTL (Lab)
Epa1-Np mutant E222A
CA19-9 Ab (Abcam)
CA19-9 Ab (Lab)
BPL
HA70 complex
MNA-M
Mouse NK-1 Ab
Mouse NK-1 Ab
AAL
#8 Lewis B (T218) (Abcam)
VGA (Seikagaku)
PTL-I
MGL 6A-1-2B2
VLRB 4B5
VLRA 4B5
MEL
LBL
Mono1
Mono2
LSL
Avarol
Mono2VGA
CGA
Mono3
TBP
WT VCC
CnMEL
nNV
LHP
SSL-I
SSL-I-488
DSL
GNA (EY Lab)
SCA
MGL-1416
WT Galectin-1
CnSerpB
WGA multimer
TDF-PL2
SBA
PNA
PaSC
WGA
MGL-EB
CC1G-10077
MGL-EA
SBL
PNA
HPA
UEA
WFL
Native HPA
DC-ASGPR short

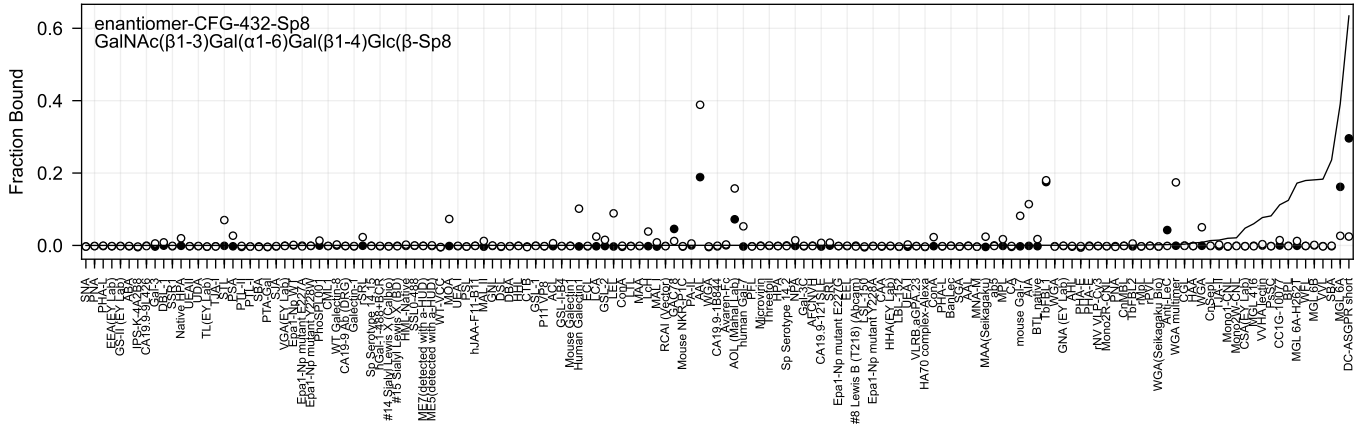

enantiomer-CFG-427-Sp19
Gal(α1-4)Gal(β1-3)GlcNAc(β1-2)Man(α1-6)[Gal(α1-4)Gal(β1-3)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp19
Fraction Bound
0.0
0.2
0.4
0.6
0.8
PNA
UEA I
PHA-E
LEL
BPL
MGA
ACA
EEL
WGA(Seikagaku) (EY)
UEA II
PHA-L
PHA-P
PSL
PTA-Gal
LSL
ACL
#14 Sialyl Lewis X (Gal1-3)
PNA
BrcGal(3)
Mouse Galectin-1
MGL 418
Tn-pg
Tn-ug
Gal-3C
PTL
Mouse NKR-P1C
hGal-1-488-Fd-Lf
ACL
Gal-8
MGL 968
hJAA-1 (EY Lab)
Epa1-Np mutant E271-Q
Sp Serotype 14 S
MAA(Seikagaku)
GSL-I-B4
WT Galectin-1
HA70 recombinant
CA19-9 Ab
WGA
MPA
ACA
AFGNV
MGL 6A-H2521
Epa1-Np mutant E271-V
VLRB aGFP-23
CAT
SSL7
SSL2
SSL-488
EEA (EY Lab)
VGA (EY Lab)
CA19-9 (Gal1-3)
#8 Lewis B (Tri-Fucosylated)
Native HEA
Epa1-Np mutant E271-A
PTL-I
SNA
Epa1-Np mutant Y268-A
ABA
ABL
GS-II (EY Lab)
CSA (EY Lab)
MAL I
HML
Tn-BSM
MOR
Mono1 (EY Lab)
Sp Serotype 14 S
CA19-9 (Gal1-3)
GSL-I
WGA
Epa1-Np WT
Epa1-Np
IPS-K-488
GSL
EBL
MSL
PSA
Micrococcin
#15 Sialyl Lewis X (LED)
Human Galectin-7
SRL
Anti-Human CD7
PH1
VSL
NAA
MsGDR Short
DC-SIGNR-CRD
NNV VLP CNL
DBA
TJA-I
Tn-BSM
UDA
SJA
BPL
NPA
DSL-1
ME7(detected with a-HUD)
Ban Lec
AOL (Mannitol-inhibitable)
VVA(EY Lab)
GNA (EY Lab)
SBA
ME5(detected with a-HUD)
HHA(EY Lab)
MPL
CNL
MGA
CC1(EY 1007)
LCA
RCA (Sigma)
WTA
PACL
CGA
GSL-I
CGA
CGA
ABL
WGA multimer

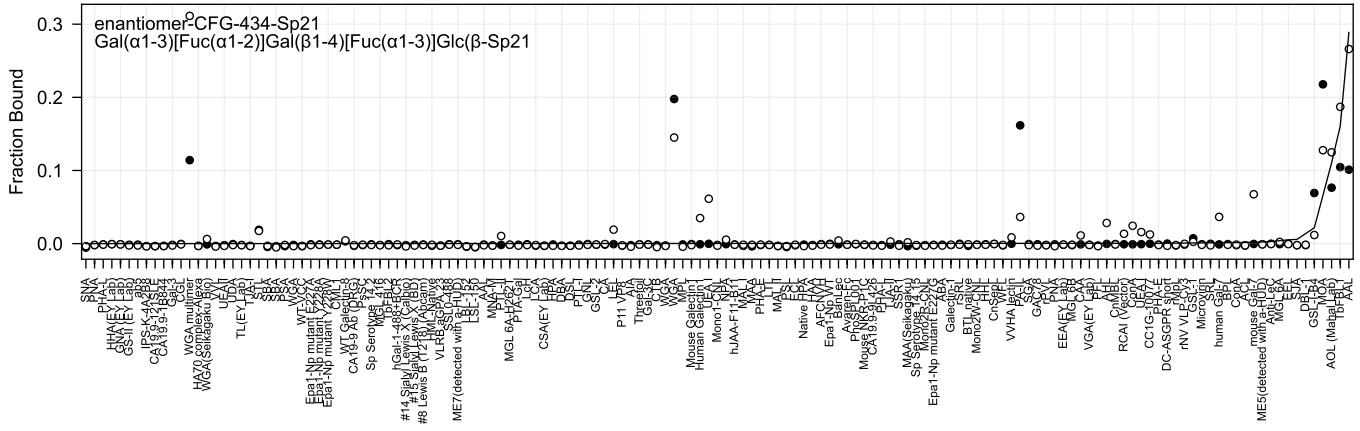

enantiomer-CFG-428-Sp24
Gal(α1-4)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Gal(α1-4)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp24
Fraction Bound
0.0
0.2
0.4
PSL
MAA(Selkagel)
#14 Sialyl Lewis X (Calbiochem)
TJA-I
TJA-II
UEA-I
LTA
SSL7
SSL-42
AAL
DSL
DBA
EEL
MGL
HA70 complex-A
SNA
SNA-I
SNA-II
PhoSL
AOL
PhaL
EEA (EY Lab)
GSL-I (EY Lab)
AOL (Marine Lab)
Mouse NKR-P1C
MAA
BPL
MGL 6A-H-CTLA
Epa1-Np mutant E227-A
CA19.9-Sialyl Lewis X
CA19.9-TSLE
MOR03
Sp Serotype 12
CA19.9-KB244
CA19.9
CSA
CSA(EY Lab)
CSA-I
Epa1-Np mutant P93-K
Epa1-Np mutant G93-K
LSL
LSA-C26
LSA-C28
hGal-1-488-BCR
GNL
#8 Lewis B (T218) (Abcam)
Epa1-Np mutant P72-Gal
PTA-Gal
ESA
ESA-I
HPA
MPA
CAA
Epa1-Np mutant Y229-A
Epa1-Np mutant K228-A
LBL-152
WGA
#15 Sialyl Lewis X (SBD)
BAA
WGA(Sigma-Lectin Lab)
SBA
SBL
CA19.9-sialyl Lewis A
Monoclonal-CSLEX
Avidin-Fc
DC-ASGPR s/pcf
MEL
MGL
BSA
VLRB.aGP23
PTL-I
WGA
DSA
DEA
UEA-I
HML-NGF
MBL
ACL
Sp Serotype 14 Ab
hJAA-F11-B11
Native HCA
Epa1-Np
Monoclonal-CNT
Mouse-CNT
Mannan
Mouse-CNT
Galectin-1
PHA-E
P11
VFA
Gal-1
Gal-3
rNV VLP-K3
Gal-9
AhPEC
ECL
Human Galectin-1
Mouse Galectin-1
MVL
ISL
mouse Galectin-7
CTB
VVHA
CNA
SNA
human Galectin-7
ME7(detected with a-NDO)
ME5(detected with a-HDO)
BTL (native)
GNA (EY Lab)
HHA(EY Lab)
WT-YCC
GSL-I-B4
SBA
CC1(Galectin-1)
CC2(Galectin-2)
GSA
TJ-I (EY Lab)
RCA(Vector Lab)
PAL
PNA
COA
WGA multimer

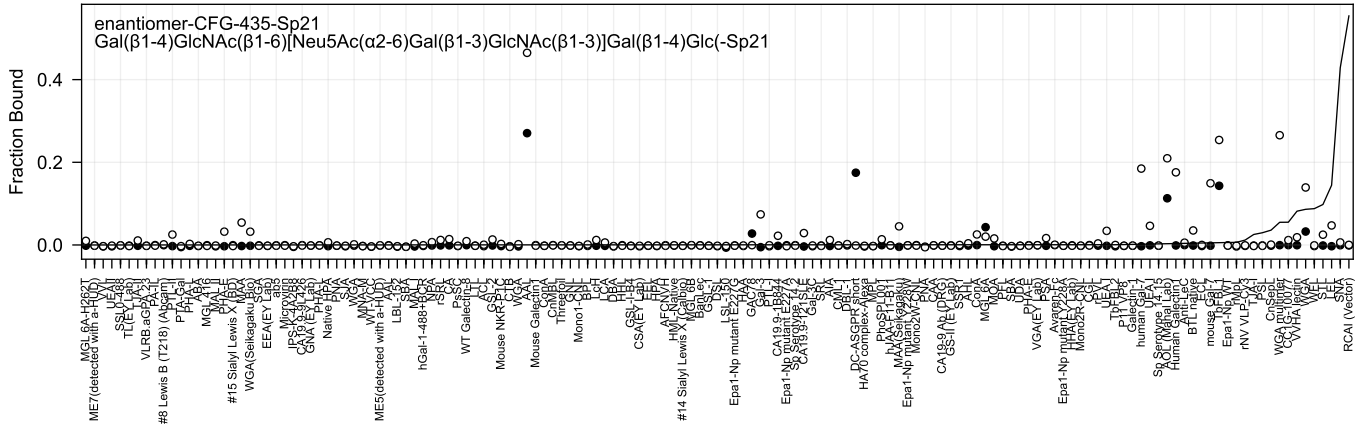

enantiomer-CFG-429-Sp14
Gal(α1-3)Gal(β1-4)GlcNAc(β1-3)GalNAc(α-Sp14
Fraction Bound
0.6
0.4
0.2
0.0
GS-II (EY
SNA
BPL
Mono2W
ABA
AOL (Walnut Lab)
PSA
CA19.9-12
PVF
WGA mutant
SGA
WGA(Seikagaku)
Native RCA
WFL
UEA
TL(EY Lab)
VIA
SJA
EEA(EY Lab)
SNA(EY Lab)
HPA(EY Lab)
PNA
Epa1-Np mutant
Epa1-Np mutant
CA19-9
Sp Serotype 14
Sp Serotype 14
#14 Sialyl Lewis X
ME7(detected with a-H(D))
WT
ACL
MNA
VGA
VGA(EY Lab)
UEA
SBA
VLRB.aGPA
MGL 6A-Fc-1
PGA
DBA
EEL
GSL-1
CAA
CSA(EY Lab)
PTL
VCA
WGA
ECL
Coro
Thera
hJAA-F11-B11
PHA-E
PHA-L
MAA
CML
Mono2L
Mono2L-SNL
Sp Serotype 14
Epa1-Np
Epa1-Np mutant
PPA
RCA
NPA
PHA-L
Bam
#8 Lewis B (T2.18) (Ab2280)
Epa1-Np mutant
HMM-Native
#15 Sialyl Lewis X (B5)
RSA
LEL
LBL-162
MAA(Seikagaku)
TbFBL-1
CA19.9-sialic acid
MGL 6A
MGL 6A
CA19.9-1084
hGal-1-488
Sialidase
Mono2R
DC-ASGPR short
HA70 complex-Alexa
SSL-UDA
Galectin-3C
nIV DTA-Gal
VVH-A(Lot)
MAL II
BTL
Mouse Galectin-1
RCA(Vector)
ME5(detected with a-H(D))
WT Galectin-1
CCTB-100/79
Human Galectin-1
human Galectin-1
CnSepl-1
GSL I-B4
mouse Galectin-1
RSL
SBT
PAL
TbFBL-1
MOA

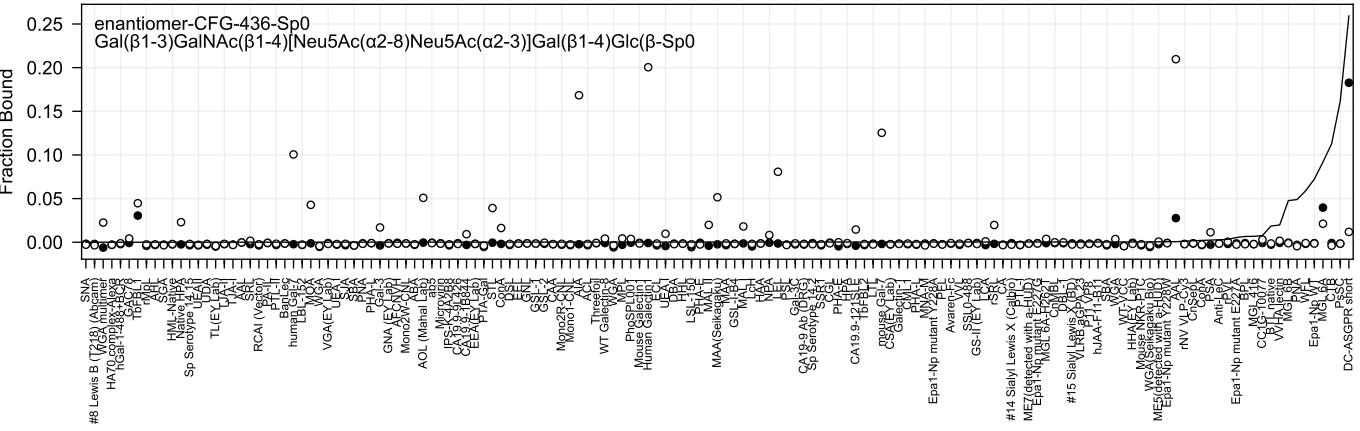

enantiomer-CFG-430-Sp0
Gal(β1-3)GlcNAc(β1-6)Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.0
0.1
0.2
0.3
SNA
GNA (EY Lab)
Mono2W-CBK
AOL (Mahal Lab)
JFS-K-4A
CA19.9-TB044
WGA multimer
HA70 cpm
Native-PPA
VVL
UEAI
TL(EY Lab)
LJA
SSBA
PNA
PhoSP
CA19.9 Ab (BASU)
SBA
MGL (EY Lab)
#15 Sialyl Lewis X (BD)
#8 Lewis B (1218) (Abcam)
ME7(detected with a-MOC)
ME5(detected with a-MOC)
MVAGA
VGA(EY Lab)
UEA
nVV VLP
hJAA-F11-B1
GNL
WGA
GSL-VIB4
CTB
CSA(EY Lab)
ACL
HPA
DBA
P11
VAA
BPL
GSL-I
LCA
MPL
CAA
MAL I
PHA-E
PHA-L
PSL
PCL
ECL
PTA(Lab)
PTL
UEA I
MAA
MAA(Seikagaku)
MAA Galectin-9
CA19.9-35-126
SSL
SSLL
DSL
CGA
HML
Mouse NK-B1-C
Mouse Ig
Mouse Ig
VLRB.aGPA.123
GS II (EY Lab)
MGL 6A
MGL 6B
PL-I
GSL-IA
Mono2R-HBK
STL
#14 Sialyl Lewis X (Calbiochem)
EEA (EY Lab)
Sp Serotype PNA
DC-ASGPR
Mono3
Gal-3C
WGA(Seikagaku, Biotin)
BTL
Thalivine
Sp Serovar 14 12
Sp Serovar 14 12
TEL-1
Epa1-Np mutant Y228W
TEL-2
GN
Mouse Galectin-1
Galectin-1
Human Galectin-1
Epa1-Np mutant V228A
Epa1-Np mutant E229E
Epa1-Np mutant E229Q
VVHA (Lab)
human Galectin-1
Epa1-Np WT
WFL
Epa1-Np mutant E227A
CC1G-10074
CC1G-10074
RCA120 (EY Lab)
Anti-LeC

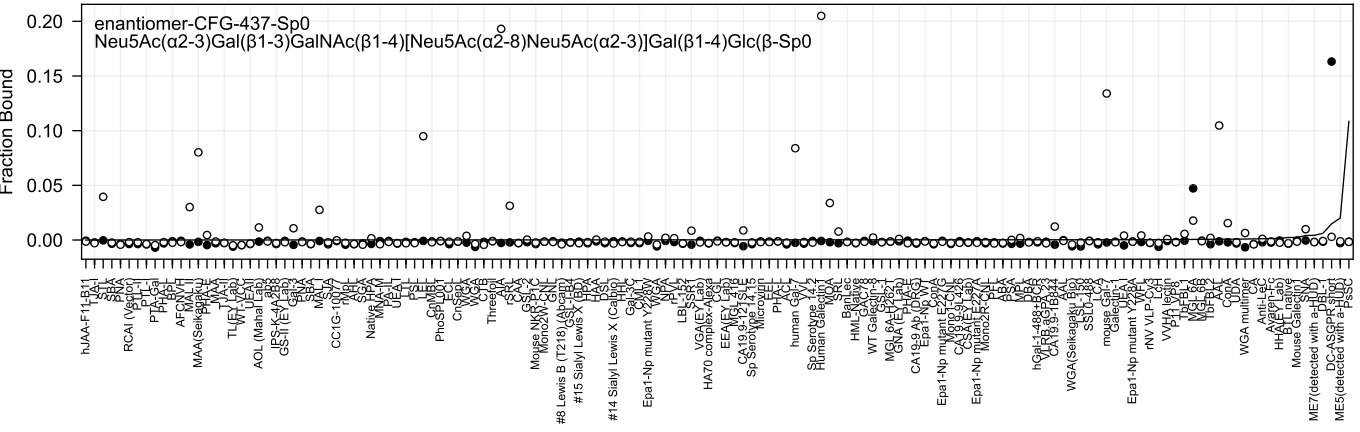

enantiomer-CFG-431-Sp0
Gal(β1-3)GlcNAc(α1-6)Gal(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
SNA
EEA(EY Lab)
GS-II (EY Lab)
Mono2W
ABA
AOL(Wang Lab)
Tn-BSA
CA19-9-12-SLE
Sialo
MGAL
TBEB1
Native PPA
WGA(Seikagaku)
UEAI
UEAII
TL(EY Lab)
TJA
PSA
GNA (EY Lab)
PHA-L
PHA-E
SBA
PhoSL
DBA
CML
AvaraRCA
hGal-1-488-BSA
#14 Sialyl Lewis X
#8 Lewis B (Y218) (Acam)
VLRB(Gavys)
SSL7-BB
ME7(detected with LSL-162)
LSL-162
ME5(detected with LSL-162)
WT-VCP
MNA
MVA
VEA
SJA
PTA
PNA
hJAA-F
FJ-B11
PHA
HPA
DBA
DSL
GSL-I
GSL-II
CSA(EY Lab)
CAA
Mono2R
CNL
AIA
ECL
GPA
CA
GSL-IV
SBA
PNAI
PNAII
ECH
MAA(Seikagaku)
NPA
PWM
EEL
MAH
MAA
ACL
Epa1-Np mutant Y229A
CA19-9-2-SLE
Mouse Mucin
Mouse Mucin
Mouse Mucin
CAT Gal-BB
CAT Gal-BB
Epa1-Np mutant E229A
AFSPA
Epa1-Np mutant E229A
SAGA
#15 Sialyl Lewis X
MGL-60
WGA
Gal-3C
WGA
MGL-1
MGL-6(Y262)
MGL-8(Y262)
HHA(EY Lab)
EEL
HA70 complex-Alos
Thyroglobulin
PTX-II
Sp Serotype 14-15
SJL
CA19-9 A5 (ORG)
VGA(EY Lab)
Epa1-Np mutant Y229A
BSL
MPL
Sp Serotype 22-2
Epa1-Np mutant Y229A
Banlec
rSBL
SBL
SAL
Mouse Galectin1
PDA
TdFBL2
BTL
WGA multimer
Galectin1
Epa1-Np WT
DC-SIGN-Sp0
RNA-VCP-Sp0
Human Galectin-Gal
Human Galectin1
DSL-1
human Galectin-1
BPL
VVHA (Vector)
PWL
SABA
Cnl-1
CC1G-10077
mouse Galectin-1
Human Galectin-1
RCA(Vector)

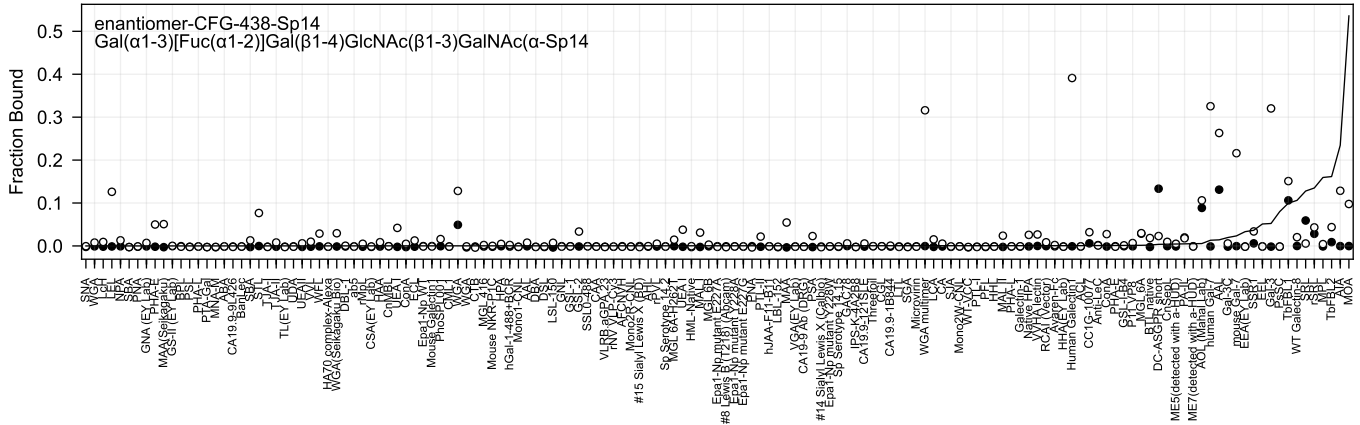

enantiomer-CFG-432-Sp8
GalNAc(β1-3)Gal(α1-6)Gal(β1-4)Glc(β-Sp8
Fraction Bound
0.0
0.2
0.4
0.6
SNA
BPL
PHA-L
EEA(Vector Lab)
GS-II (EY Lab)
UEA-I
JPS-K-4-228
CA19.9-9-228
DSL-1
SSBL
Native SSBL
UEA-I
TL(EY Lab)
LTA
PSA
PTL-I
SBA
PTA
SJA
VGA(EY Lab)
Epa1-Np mutant (E227A)
Epa1-Np mutant (E227Q)
Epa1-Np mutant (Q226A)
CML-1
WT Galectin-1
CA19.9 Ab (OncG)
Galectin-1
Sp Serotype 1 Ab
Sp Serotype 14 Ab
#14 Sialyl Lewis X (BCD)
#15 Sialyl Lewis X (BD)
SSL1/2-488
MEL(detected with a-HUD)
MEL(detected with a-HUD)
WT-VCC
UEA-I
FSL
hJAA-F1
MAL-I
OSL
DBA
CTB
CTB
P-17 Sp
ACL
GSL-I-B4
Mouse Galectin-1
Human Galectin-1
ECA
GSL-I-A4
Con A
MAA
MAL
RCAI (Vector)
Mouse NKR-P1C
PA-IL
WGA
CA19.9-1B5-44
AOL (Mahal Lab)
human GBP
Microvirin
Tim-F
HHA
Sp Serotype 14 Ab
GNA
CA19.9-27-1 SLE
Epa1-Np mutant E227A
EEL
#8 Lewis B (T218) (Atyeo)
Epa1-Np mutant Y228A
HHA(EY Lab)
LBL-I
VLRB.aGAL23
HA70 complex-Sp8
PHA-L
Bauhinia
SGA
MNA-M
MAA(Seikagaku)
MPL
mouse Galectin-3
AIA
BTL (Bojo)
VGA
ABL
GNA (EY Lab)
ABL
BTA-C
BTA-E
NV VUF-CA5
Mono2K-PNA
TKA
CPAE
DSA
WGA(Seikagaku)
Bojo
Anti-LacNAc
WGA multimer
ACA
VFA
VFA
Con A
Mono1-CNL
Mono2-CNL
CC1G-1-CNL
MGL 418
VVHA (Jacob)
CC1G-10-027
MGL 6A-H-R21
MGL
VVL
MGL-BA
DC-ASGPR short

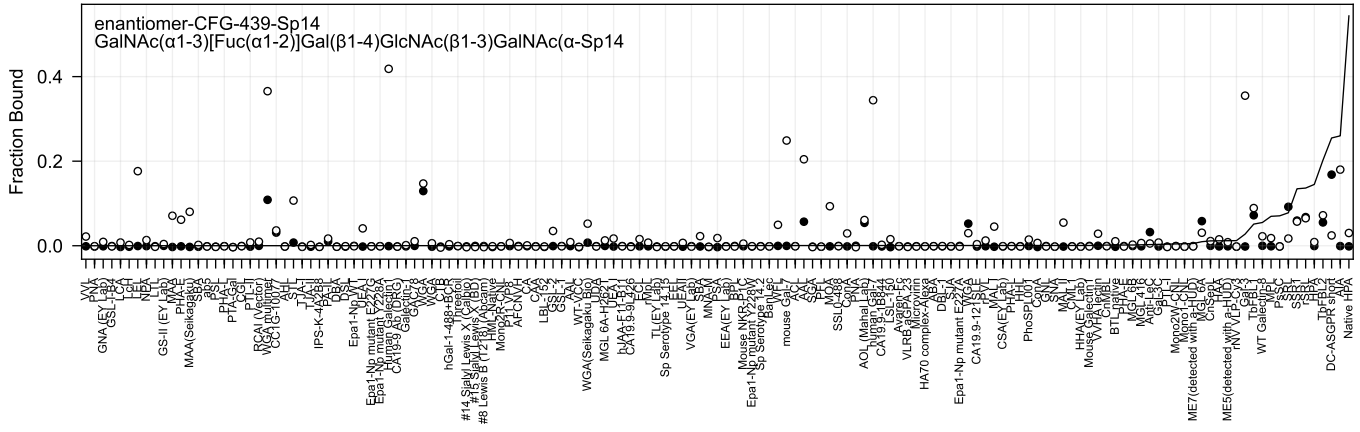

enantiomer-CFG-434-Sp21
Gal(α1-3)[Fuc(α1-2)]Gal(β1-4)[Fuc(α1-3)]Glc(β-Sp21
Fraction Bound
0.3
0.2
0.1
0.0
SNA
SNA
PHA-L
PHA-L
HHA(EY Lab)
GNA(EY Lab)
GS-II (EY Lab)
UEA-I
UEA-I
IPSc-L-4A488
CA19.9-FITC
CA19.9-PE
WGA
WGA mutmer
WGA(Sellegren)
WGA
LCA
UDA
TL(EY Lab)
STL
STL
SBA
SBA
PSA
PSA
WT-VVCA
WT-VVCA
Epa1-Np mutant E222A
Epa1-Np mutant Y224W
Epa1-Np mutant Y224W
WT Galectin-3
CA19.9 Ab (PRS2)
Sp Serovar 12.1
MGF-E-12
#14 Sialyl Lewis X (BD)
#19 Sialyl Lewis X (BD)
#8 Lewis B (12-18) (Calbiochem)
VLRB.GCA.A28
ME7(detected with anti-HUD)
LBL-155
LBL-155
AAL
MGL 6A(Z-262)
MGL 6A(Z-262)
PNA-Cell
CSA(EY Lab)
CSA(EY Lab)
LCA
EBA
EBA
DSA
DSA
PCINI
PCINI
GSL-I
GSL-I
LEA
P11 VPB
P11 VPB
Threo(a)
Gal-18
WGA
WGA
WGA
Mouse Galectin1
Human Galectin1
DBA
Mono1-KBA
KBA
hJAA-F11-B11
WFA
WFA
PHA-E
PHA-E
MAL-II
MAL-II
ESL
ESL
Native EPA
Native EPA
AFCN(VA)
Epa1-Np Vcn
Epa1-Np Vcn
Avaan-EC
Avaan-EC
Mouse NRS-PTC
CA19.9-A488
CA19.9-A488
PTA-I
PTA-I
SSA(I)
SSA(I)
MAA(Seikagaku)
Sp Serovar 12.1
Sp Serovar 12.1
Epa1-Np mutant E222A
Epa1-Np mutant E222A
ABA
ABA
Galectin-1
Galectin-1
SNA-I
SNA-I
BTL
BTL
Monoclonal-INF
Monoclonal-INF
FHL
FHL
Cnl-I
Cnl-I
WFL
WFL
VVHA Pacific
VVHA Pacific
SGA
SGA
GNA
GNA
PNA
PNA
EEA(EY Lab)
EEA(EY Lab)
MGL-CBB
MGL-CBB
VGA(EY Lab)
VGA(EY Lab)
BPL
BPL
CnnB
CnnB
RCAI (Vector)
RCAI (Vector)
CC1G-PHA-E
CC1G-PHA-E
DC-ASGPR short
DC-ASGPR short
rNV VLP-A73
rNV VLP-A73
MicroGSL-1
MicroGSL-1
SNA-I
SNA-I
human Galectin-1
human Galectin-1
GNL
GNL
CoPA
CoPA
mouse Galectin-1
mouse Galectin-1
ME5(detected with anti-HUD)
ME5(detected with anti-HUD)
MGL-EA
MGL-EA
STA
STA
DSL
DSL
DPL
DPL
GSL-I-B4
GSL-I-B4
MOA
MOA
AOL (Marbiol)
AOL (Marbiol)
TP-PEG
TP-PEG
AAL

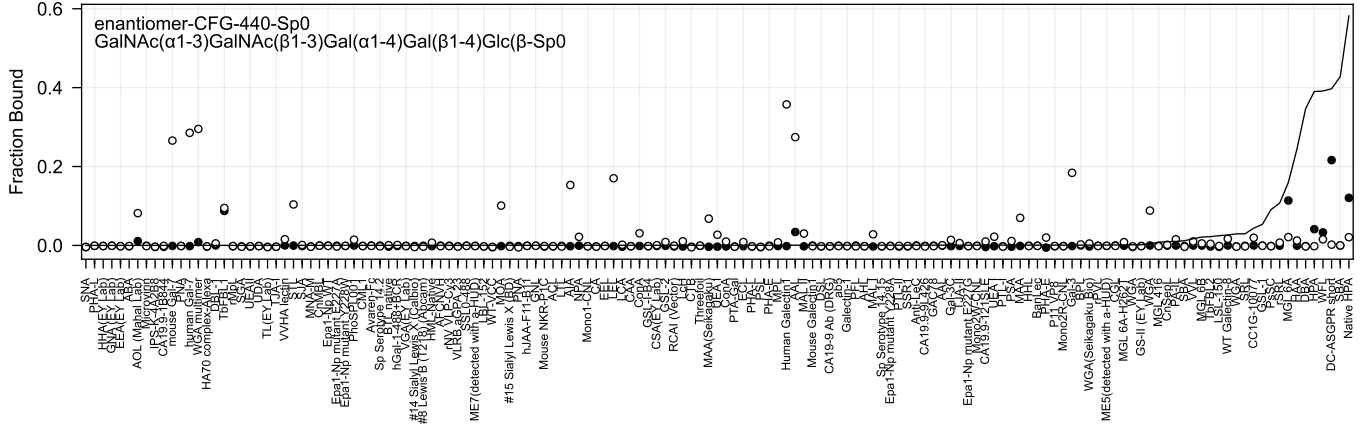

enantiomer-CFG-435-Sp21
Gal(β1-4)GlcNAc(β1-6)[Neu5Ac(α2-6)Gal(β1-3)GlcNAc(β1-3)]Gal(β1-4)Glc(-Sp21
Fraction Bound
0.4
0.2
0.0
MGL 6A-H2B7
ME7(detected with a-H2D)
LYT
LU-238
SSL-7 (Lab)
TL(EY Lab)
VLRB.aGPA.23
#8 Lewis B (T218) (Abgam)
PTA-1
PTA-4
A16
MGL 1
MAL I
#15 Sialyl Lewis X (BD)
WGA(Seikagaku)
MAA
SGA
EEA(EY Lab)
ab3
Mcg7-9B
IPSC-1-H2B
CA19.9-H2B
GNA (EY Lab)
Naive
PPA
SVA
WGA
MAL II
WT Lyc
LBL-562
MAH
hGal-1-488
PDA
rSRL
PsSC
WT Galectin-3
ACL
Mouse NKR-P1C
CTB
VVA
ASA
Mouse Galectin-1
ChMB
Timp-1
Mono1-CBL
ECA
DBA
HPA
GSL (EY Lab)
CSA(EY Lab)
PEA
#14 Sialyl Lewis X (Calbiochem)
MGL 6B
GSL-IV
LSL
Epa1-Np mutant E227G
GAC-6
Gal-3
CA19.9-H244
Epa1-Np mutant E227A
CA19.9-H1
SSA
SRL
CMA
DBL-1
DC-ASGPR
HA/D complex
Alpha
MPL
PhoSPL-1
hAA-P1-B11
MAA(Seikagaku)
Epa1-Np mutant N52W
Mono2W-CBL
CNA
CAA
CA19.9 (Abcam)
GSL-I (EY Lab)
SSB
CIA
CGA
MGL 2A
BPL
SBA
PNA
VGA(EY Lab)
Avarp-2-FC
Epa1-Np mutant D52A
HHA(EY Lab)
Mono2K-CBL
LEL
UEA-1
TPA
PTL-II
Gal-8-VP6
human Gal-7
Gal-9-VP6
Sp Serotype 14 Ag
AOL (Mahal Lab)
Human Galectin-1
Amb-Lec
BTL native
mouse Gal-7
Epa1-Np WT
rNV VLP
Apo
TJA-I
TJA-II
SnSL
CnSerp
WGA mutant
CVXHA lectin
WGA
STL
SNA
RCAI (Vector)

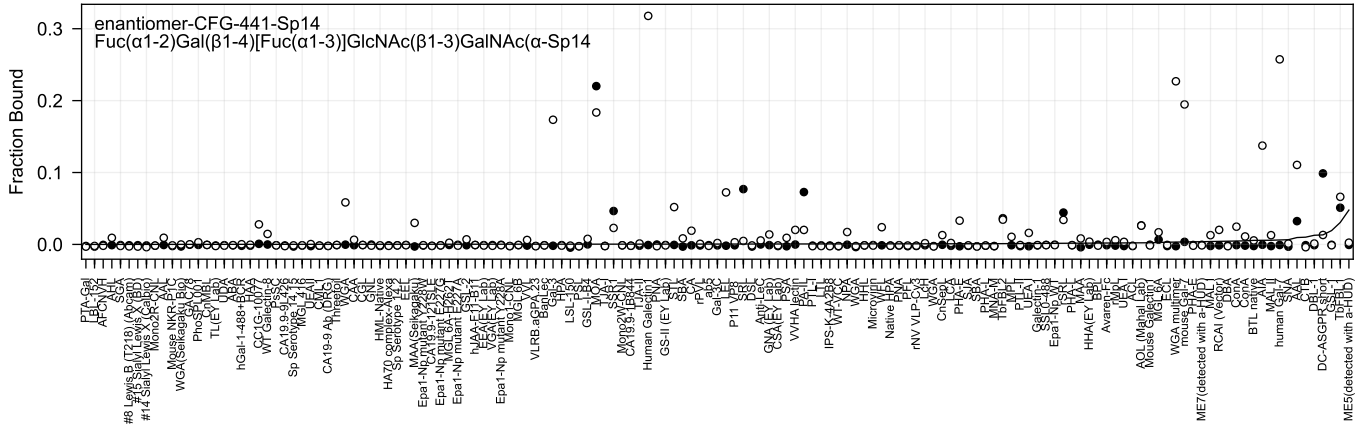

enantiomer-CFG-436-Sp0
Gal(β1-3)GalNAc(β1-4)[Neu5Ac(α2-8)Neu5Ac(α2-3)]Gal(β1-4)Glc(β-Sp0
Fraction Bound
0.25
0.20
0.15
0.10
0.05
0.00
#8 Lewis B (T218) (Abcam)
WGA (multimer)
HA70(detected with a-HUIgG)
hGal-1(488-489)
TGFb2
rNgl
SGA
HML-Neuraminidase
Mouse Lectin-1
Sp Serotype 14 (-)
UEA
TL(EY Lab)
VJA
SAL
RCAI (Vector)
PTL-II
Banlec
human Galectin-1
EBL-152
MOA
VGA(EY Lab)
ECA
SBA
PNA
PTA-1
GNA (EY Lab)
ATCNV1
Mono2W
KBA
AOL (Mahal Lab)
Microvirin
IPO-38
CA19-9-K938
CA19-9-B744
CA19-9-B348
LEA-1 (B3)
PTA-Gal
CGA
DSL
GNL
GSL-I
CAA
Mono2R1-CNL
Mono1-CNL
AAL
ACG
WT Galectin-3
PhoSL
Mouse Galectin-1
Human Galectin-1
UEA-1
PHA
LSL-Lectin
MAL-I
MAA(Seikagaku)
GSL-I B4
MOR
NEA
NPA
LEL
Galectin-7
CA19-9 Ab (DRG)
Sp Serotype 5a (-)
PHA-E
PHA-L
PTL-I
LFA
CA19.9-12-15-BL2
CA19-9
mouse Galectin-1
CSA(EY Lab)
Galectin-1
RIC-1
MAL-II
Epa1-Np mutant V228A
PNL
Avarol
VVL
SSLV-Lectin
GS-II (EY Lab)
ISCA
#14 Sialyl Lewis X (Calbio)
MEZ(detected with a-HUIgG)
Epa1-Np mutant E226A
Epa1-Np mutant Y228F
CBA(BL)
#15 Sialyl Lewis X (Calbio)
VLRB
hJAA-F11-B1
WGA
WT-VSG
HHA(EY Lab)
Mouse NRR-PTC
WGA(Seikagaku)
ME5(detected with a-HUIgG)
Epa1-Np mutant Y228W
rNV VLP
CrSpA
ChSpA
PSA
Anti-PSY
Epa1-Np mutant E226A
MGL-418
CCL-Native
VVH
HLJ-38
MGL-1
PNA
WT
Epa1-Np
MGL-6A
PSB
DC-ASGPR short

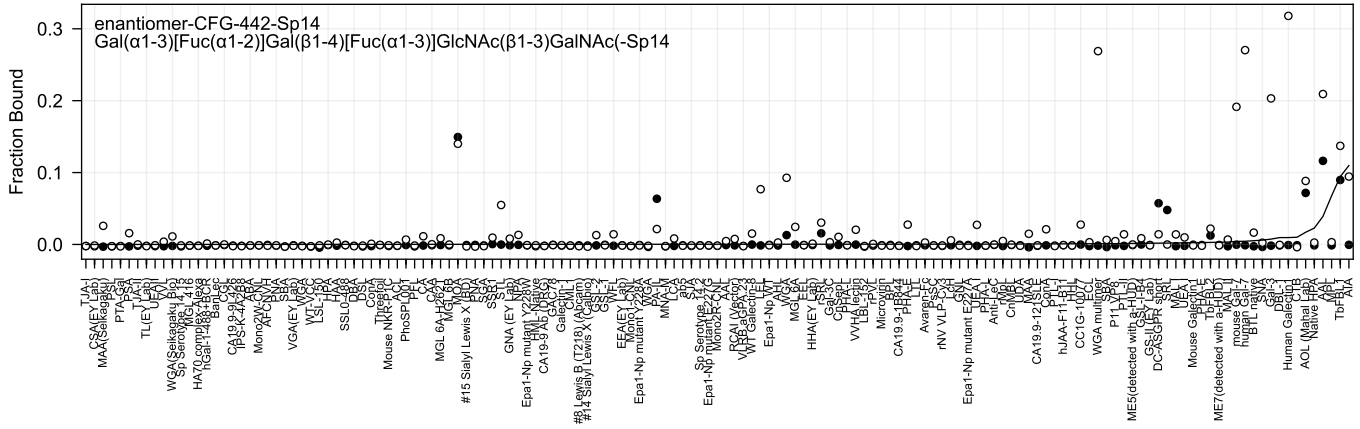

enantiomer-CFG-437-Sp0
Neu5Ac(α2-3)Gal(β1-3)GalNAc(β1-4)[Neu5Ac(α2-8)Neu5Ac(α2-3)]Gal(β1-4)Glc(β-Sp0
Fraction Bound
0.20
0.15
0.10
0.05
0.00
hJAA-F11-B11
VAA
SNA
PNA
RCAI (Vector)
PTL
PTL-I
BPL
AFP
MAL-II
MAA(Seikagaku)
BPL-II
MAA
TL(EY Lab)
WFL
WT(EY Lab)
AOL (Mahal Lab)
IPS-K4-A288
GS-II (EY Lab)
SNA
MAA
SVA
CC1G-1-1-100
SEA
SEL
Naliva
PPA
MAA-II
UEA-I
PSL
GNL
CnSPL
PhoSPL
CnSGA
WGA
CTB
Thrombin
rSPL
GSL-2
GSL-3
Mouse NKR-P1
Mouse Ly-49C
#8 Lewis B (T218) (Alt-2B1)
#15 Sialyl Lewis X (B6)
HAA
#14 Sialyl Lewis X (Calbiochem)
HPA
GNA
Epa1-Np mutant Y229V
Y229A
NPA
LBL
LBL-I-2
VGA(EY Lab)
SSA(EY Lab)
HA70 complex-Alpha
EEA(EY Lab)
CGL
GA19 MGL-2-18
GA19 MGL-1-15
Sp Serotype 12 rPS
Microvirin
PHA-E
PHA-L
human Gal-7
Y7-1
Sp Serotype 7
Human Galectin-7
MPA
Banlec
HML
GNA(Vector)
WT Galectin-1
MGL 6A-12B2
MGL 6A-12B2-1
GNA (EY Lab)
CA19.9 Ab (DSHB)
CA19.9 Ab (Abcam)
Epa1-Np
Epa1-Np mutant E229Q
CA19.9-1-28
CA19.9-1-15
Epa1-Np mutant E229A
Mono2R-Gal
ABA
MPA
DBA
hGal-1-488
VARB-8GFP-23
CA19.9-1-B244
WGA(Seikagaku, Biotin)
SSL1
SSL1-188
mouse Galectin-1
Galectin-1
Epa1-Np mutant Y229A
WFL
rNV VLP-C24
VVPHA lectin
PHA-E
TdFBL-1
MGL-8A
MGL-8B
TdFBL-2
CGL
UDA
WGA multimer
CA
Amb-Lec
Amb-Lec
HHA(EY Lab)
Mouse Galectin-7
ME7(detected with anti-SUD1)
SNA
DC-ASGPR
DBL-1
ME5(detected with anti-SUD1)
PSSC

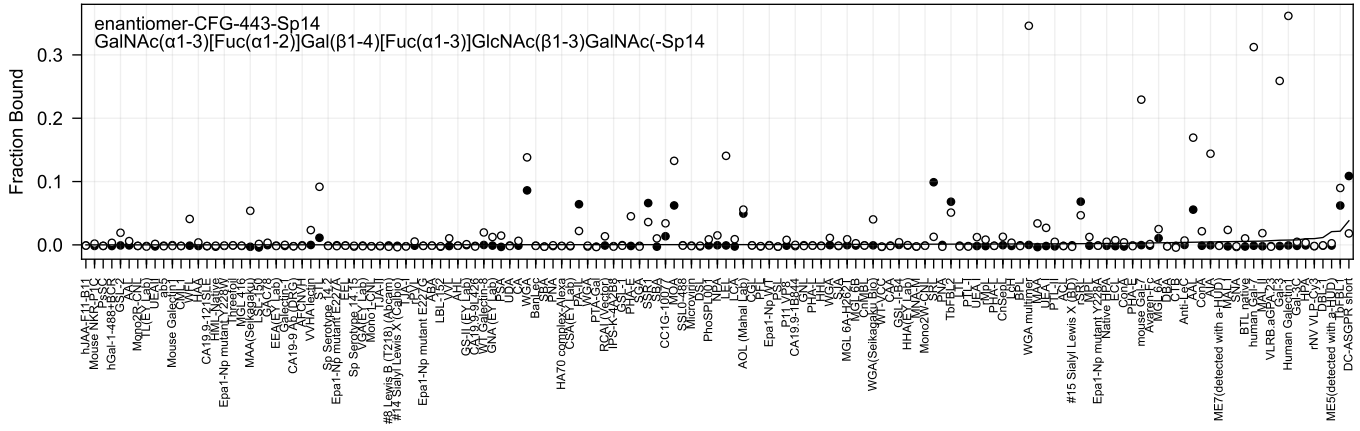

enantiomer-CFG-438-Sp14
Gal(α1-3)[Fuc(α1-2)]Gal(β1-4)GlcNAc(β1-3)GalNAc(α-Sp14
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5

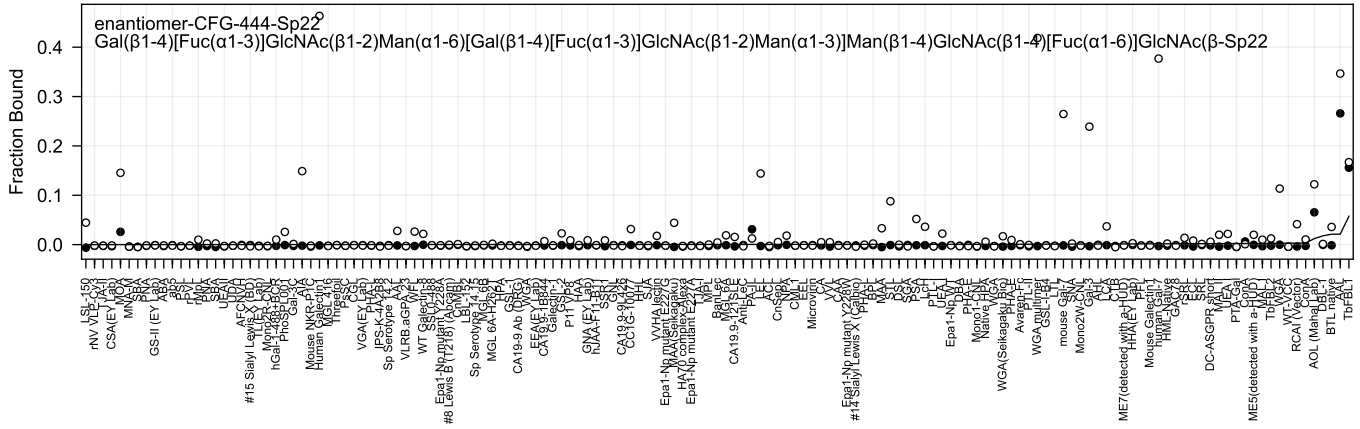

enantiomer-CFG-439-Sp14
GalNAc(α1-3)[Fuc(α1-2)]Gal(β1-4)GlcNAc(β1-3)GalNAc(α-Sp14
Fraction Bound
0.0
0.2
0.4
VVL
PNA
GNA(EY Lab)
GSL
LCA
LEL
NEA
GS-II (EY Lab)
PWM
MAA(Seikagaku)
SBA
PSL
PTA-Gal
PNA
RCA(Vector)
UEA-I (Vector)
ASL
TJA-I
IPS-K-A-Gal
PSA
DSL
Epa1-Np
Epa1-Np mutant E227G
Epa1-Np mutant E227A
CA19.9 Ab (DRG)
GNA
WGA
STA
STB
hGal-1-488-recombinant
hGal-1-488-recombinant (Calbio)
#14 Sialyl Lewis x1 (Calbio)
#8 Lewis B (Y-218) (Abcam)
Mouse-Galectin-9
Mouse-Galectin-8
P11-N-488
AFCONCA
CAA
CAA2
LBL
GSL-1
SNA
SNA2
WT-VCC
WGA(Seikagaku)
UDA
MGL 6A-HPA1
hAA-5-11
CA19.9-488
ECP
Mpa
Sp Serotype 1 4-19
TL(EY Lab)
VGA(EY Lab)
UEA1
MNA
EEA(EY Lab)
BPL
Mouse NVR
Epa1-Np mutant Y227V
Sp Serotype 14-2
Bacillus
WVE
mouse Gal-C
AAL
ACL
PFL
SSL-28
MAB
CGA
CGA(Mahal Lab)
AOL (Mahal Lab)
Nuron Gal-1
CA19.9 Gal-1
TSL-150
VLRA-488
VLRB-488
Microvirin
HA70 complex-488
ABA
DSL-1
Epa1-Np mutant E227A
CA19.9-12(TSG)
PVT
CSA(EY Lab)
PHA-L
PHA-E
PhoSL(Lot)
CGN
SNA
MOR
MVL
HHA(EY Lab)
Mouse-Galectin-3
VVHA(Leibih)
BTL (native)
MPA
MGL 418
AGL
Gal-3C
PTL
Mono2N-CCL
Mono1-CCL
ME7(detected with a-LUD)
CnSerpK
ME5(detected with a-LUD)
NVVLE
Gal-3
TbFBL-1
WT Galectin
WIPL
PasC
SSL7
TbFBL-2
DC-ASGPR s/n
Native HPA

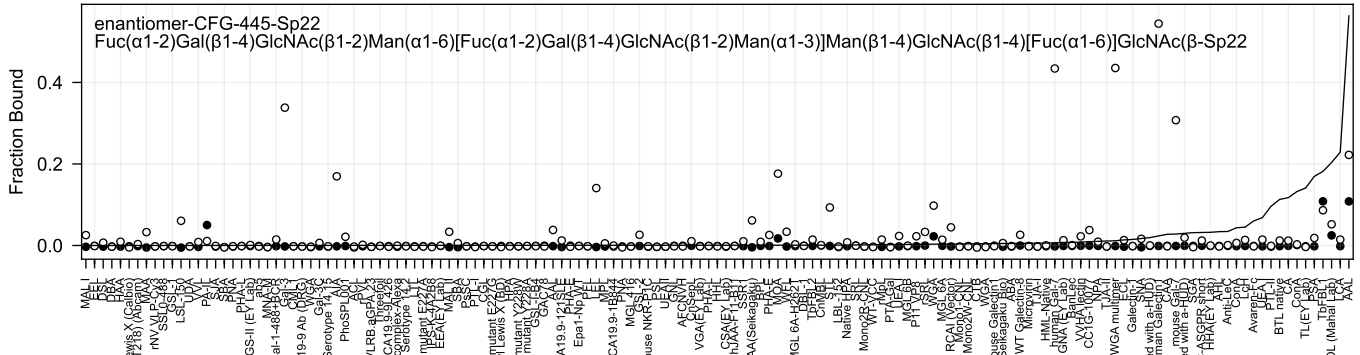

enantiomer-CFG-440-Sp0
GalNAc(α1-3)GalNAc(β1-3)Gal(α1-4)Gal(β1-4)Glc(β-Sp0
Fraction Bound
0.6
0.4
0.2
0.0
SNA
PNA
HNA(EY Lab)
GNA(EY Lab)
EEA(EY Lab)
AOL (Mahal Lab)
Wicrystal
CA19.9-1B828
mouse Gal-7
human Gal-7
WGA(multimer)
HA70 complex
TBP-1
TDGF-1
MPL
LEA
UEA
UDA
TL(EY Lab)
VVHA (eqn)
SJA
MNA
MNA(M)
Epa1-Np mutant Y228A
Epa1-Np mutant Y228A
PhoSDN01
Avaren F2
Sp Serotype 14
hGal-1-481-BCR
hGal-1-481-BCR
#14 Sialyl Lewis X (Calbio)
#8 Lewis B (12 RM Accam)
YFSKV9
YFSKV9
VLRB.aGFP-33
SSLP-L68
SSLP-L68
BL-152
WTX
ME7(detected with BL-152)
WTX
#15 Sialyl Lewis X (BD)
hJAA-F11-B11
Mouse NKR-P1C
AOL
AIA
NPA
ACA
Mono1-CA
EEL
LCA
LYA
CoPA
GSL-I B4
GSL-I B4
GSL-II
RCAI (Vector)
CTB
Thrombin
MAA(Seikagaku)
OEA
PNA
PTA-Gal
PHA-E
PHA-L
PHA-P
PSA
MPL
Human Galectin-1
MAL(Y)
MAL(I)
Mouse Galectin-3
CA19-9 Ab (DRG)
Galectin-1
AHL
Sp Serotype 14
MAL(I)
Epa1-Np mutant Y228A
SSA-I
SSA-II
CA19.9-1A478
GNA
Ann-I
Ann-II
GAL
GAL-1
GAL-3
Epa1-Np mutant Y228A
CA19.9-12-SLE
CA19.9-12-SLE
PHA-E
PHA-L
MPA
HHL
BauhA
BauhB
PJA
PJA VR8
Mono2R-CA
Gal-3
WGA(Seikagaku)
Bap
ME5(detected with a-11-BCR)
PCV
MGL 6A-Hu
GS-II (EY Lab)
MGL 416
CrSBL
SBA
MGL 6A
LTB-1
WT Galectin-3
WGA
CC1G-10077
PSA-I
SBA-I
MGL
HAA
DBA
WFL
DC-ASGPR
SBA
Native HPA

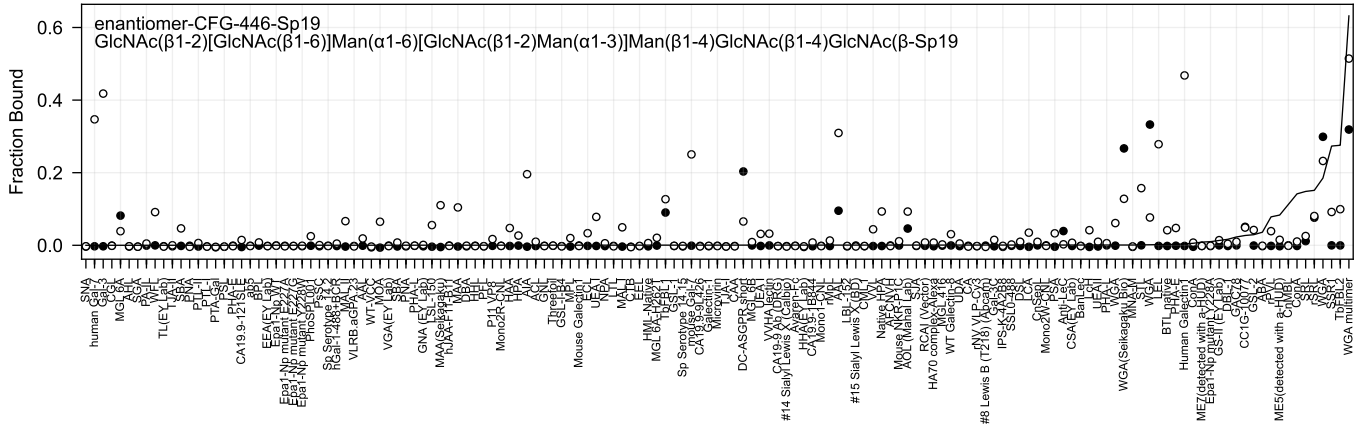

enantiomer-CFG-441-Sp14
Fuc(α1-2)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-3)GalNAc(α-Sp14
Fraction Bound
0.3
0.2
0.1
0.0
PTA-Gal
LEC-1gal
AFCN VIII
SGA
#8 Lewis B (T18) (Lab/ABD)
#14 Sialyl Lewis X (Lab/ABD)
Mono2K-AAL
WGA(Seikagaku) GlcNAc
Mouse NKR, PTC
PhoSL (Mal)
TL(EY Lab)
ABA
hGal-1-488+BGS
OC1G-1077
WT Galectin-3
CA19-9 Ab (ORG)
Sp Serotype 4 426
MGL 418
CTA(A)
CA19-9 Ab (ORG)
TNFRA
WGA
CAA
GNL
HM1-N-glycans
HA70 cgmlex-glycans
Sp Serotype 1 E2
MAA(Seikagaku)
Epa1-Np (Rutgers) E2274
Epa1-Np mutant E2274
Epa1-Np mutant E2274
hAA-1 (SSL-1)
EEA(EY Lab)
Epa1-Np mutant E2283
Mono1G-CGL
Mono1G-CGL
VVA
VLRB.aGal_23
Gal-3
Gal-3
LSL-1(Lab)
PSL
GSL-I (Lab)
MOA
SSA(Lab)
Mono3V-CGL
CA19.9 - DKA-1
Human Galectin-1
GS-II (EY Lab)
SBA
PCA
rPA
Gal-8
P11 VBS
SSL
Anti-Lac
GNA (Lab)
CSA(EY Lab)
SNA
VVHA
BC-LL
PA-IL
IPS-K4A288
WT-CVN
NPA
HHA
Microvillin
Native LFA
PNA
rNV VLP-C23
WGA
CnSepL
PHA-E
SBA
RNA-M
Mono1M
MPL
PWM
UEA-I
Galectin-1
Galectin-3
Epa1-Np 1001
PTA
MAA
BPL
Avarrow-L
UEA-I
AOL (Mahal Lab)
Mouse Galectin-7
ECL
WGA multimer
mouse Galectin-9
ME7(detected with a-HOD)
MAL(I)
RCA(I (VB4)
PBA
ConA
ACA
BTL naive
MAL(I)
human Galectin-4
AAL
DSL-1
DC-ASGPR stalk
DSL-1
ME5(detected with a-HOD)

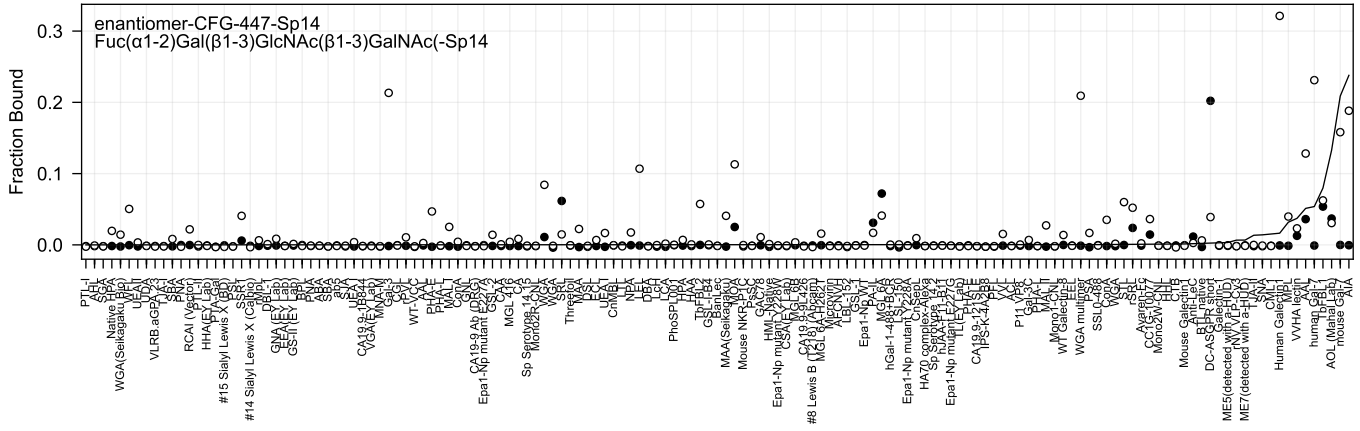

enantiomer-CFG-442-Sp14
Gal(α1-3)[Fuc(α1-2)]Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-3)GalNAc(-Sp14
Fraction Bound
0.3
0.2
0.1
0.0
TJA-I
CSA(EY Lab)
MAA(Seikagaku)
PTA-Gal
TJA-II
TL(EY Lab)
UEA-I
WGA(Seikagaku)
Sp Sialoglycan
MGL 4.18
HA(Tanabe Lab)
Banlec
CA19.9-9-2B
IPS-K-4-2B8
Mono2N-CNL
AF-BNA
SBA
VGA(EY Lab)
WGA
VST-120
HPA
SSL-28B
DBA
Con A
Mouse NK Receptor
PhoSP-Act
PNA
CAA
MGL 6A1-2B2
MOA
#15 Sialyl Lewis X
SNA
SSA
SSL1
GNA (EY Lab)
Epa1-Np mutant Y228K
CA19-9-AB-Naive
GAL-7
Galectin-1
#3 Lewis B (T218) (Abcam)
#14 Sialyl Lewis X (Abcam)
GSL-2
GNA-I
EEA(EY Lab)
Epa1-Np mutant Y228A
WGA
MNA-M
ACA
SJA
Sp Serotype
Epa1-Np mutant E227A
Mono2K-CNL
RCA I (Vector)
VVL(Vector)
WT Galectin-8
Epa1-Np TET
ACL
MOA
HHA(EY Lab)
EEL
Gal-3C
Gal-3N
CPAF
VVL(Vector)
LBL
PVC
Microcystin
CA19.9-PBR-4
LTA
Avarol
rNV VLP-3X3
GNL
Epa1-Np mutant E227A
PHA-L
PHA-E
Anti-Tn
CnMBL
MAA
CA19.9-12-5E
PHA-P
hJAA-F11
HHL
CCTG-1 (UDC)
WGA mutant
P11-7B8
ME5(detected with anti-PLD)
GSL-I-B4
DC-SIGN-Fc stalk
ASGPR stalk
SRL
UEA-I
Mouse Galectin-1
TcBTL-5
ME7(detected with anti-PLD)
KALT
mouse Gal-7
human Gal-7
BTL (native)
SNA
DSL-1
Human Galectin-7
CTB
AOL (Marine Lab)
AOL (Native Lab)
TcBTL-1
AIA

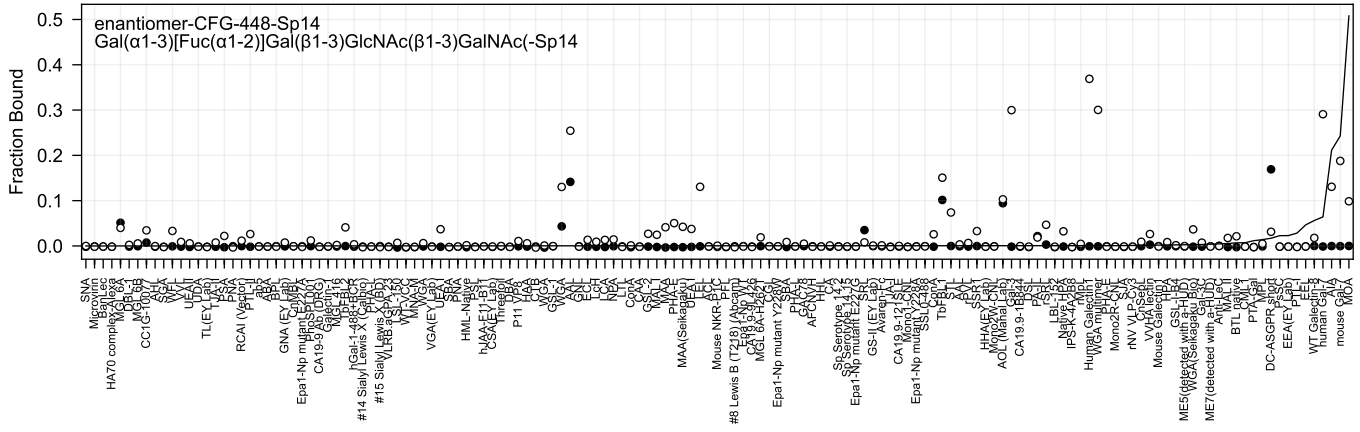

enantiomer-CFG-443-Sp14
GalNAc(α1-3)[Fuc(α1-2)]Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-3)GalNAc(-Sp14
Fraction Bound
0.0
0.1
0.2
0.3
hAA-F11-P11
Mouse NKR-P1C
hGal-1-498-F8S8
GSL-2
Mono2R-CNL
TL(EY Lab)
Mouse Galectin-1
CVN
WFL
CA19-9-121-S1-E
Epa1-Np mutant Y228A
HM1-Native
MAA(Sel-Lab)
Vicia
SP-D-Lab
EEA(EY Lab)
CA19-9-Galectin-1
AFCRYV1
VVHA Iesh
Sp Secretoneurin 1-42
Epa1-Np mutant E228A
Sp Secretoneurin 1-15
Mono1-CNL
#8 Lewis B (T218) (Abcam)
#14 Sialyl Lewis X (Calbio)
PAY
Epa1-Np mutant E228Q
LBL-192
AIL
GS-10 (EY Lab)
WT Galectin-8
GNA (EY Lab)
PSA
UDA
WGA
Banlec
PNA
HA70 complex (Vaisey)
CSA(EY Lab)
FAJL
PTA-Gal
RCA(Vector Lab)
RSL(Vector Lab)
PTL-I
SSL-1
SSA
CC1G-10077
SSL1-Lab
SSLL-Lab
Microvulin
PhoSPL-Lab
NEA
LCA
AOL (Mahal Lab)
VFT
Epa1-Np
PSL
CA19.9-1B224
GNL
PHA-L
HPA
VGA
MGL 6A-1B284
MGL
OSGMB
WGA(Seikagaku Biol)
WT
CAA
GSL-I-B4
HHA(EY Lab)
MAL(Vector Lab)
Mono2W-SBL
SBL
TxB
FRIL
TFA
UEA-I
MPL
PNL
CnSepL
BPL
WGA multimer
BPL
WFA
PWA
AL-I
#15 Sialyl Lewis X (Abcam)
NPL
Epa1-Np mutant Y228A
Native EC1
PCAE
mouse Gal-7
AVGP-1
DSA
Anti-Lac
CAA
CCL
ME7(detected with a-MAD)
OAA
SNA
BTL human Gal-9
VLRB.aGAL-1
Human Galectin-3
Gal-10
APA
rNV VLP
DBL-1
ME5(detected with b-PBD)
DC-ASGPR short

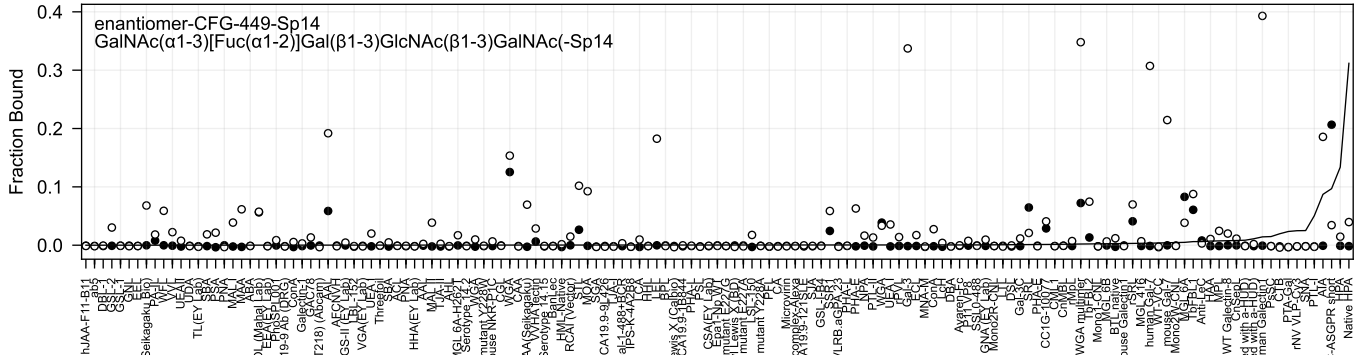

enantiomer-CFG-444-Sp22
Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-2)Man(α1-6)[Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)[Fuc(α1-6)]GlcNAc(β-Sp22
Fraction Bound
0.0
0.1
0.2
0.3
0.4
LSL-150
nNV VER-1
CSA(EY TAC)
MOG
MNA
PNA
XBA
BSL
PSA
PWM
SBA
UEA
LTA
AFG
#15 Sialyl Lewis X (BOT)
Galectin-8 (BOT)
hGal-7(48)-BCR
PhoSL(BOT)
GNA
AIA
Mouse NKR-P1C
Human NKR-P1A
MGL 416
Thy-1
CGL
VGA(EY TAC)
PTA-1
IPS-1
Sp Serotype 23
VLRB.aGP
VLRA
WT Salmonella
Epa1-Np mutant Y228A
#8 Lewis B (T216)
LBL 432
Sp Serotype 14
MGL 68
MGL 6A-H2PA
CA19-9 Ab (WGS)
GSL-I
EFA(EY TAC)
CA19-9 Ab (BOT)
Galectin-1
P17
SPA
HAA
GNA (EY TAC)
hJAA-F11-BT
SSL
CA19-9-Y226
CCTG-1
UVI
SJA
VVHA
Epa1-Np mutant E227G
Epa1-Np mutant E227A
MPL
Rat-Lec
CA19-9-125
ANA
PACL
AEL
CnSBL
CMA
EEL
Microvirin
CVN
CVX
Epa1-Np mutant Y228W
#14 Sialyl Lewis X (BOT)
BPL
BFL
SNA
GSL
PSA
PTL
PTL-I
NEA-I
Epa1-Np
DBA
PTL-II
Mono1-PDB
Native-PDA
WGA(Seikagaku)
Bq
PHA-E
Avarol
BTL-II
WGA (BOT)
GSL-II
PHA-L
mouse Galectin-1
SNA
Mono2VGA
ACL
CTB
AIL
ME7(detected with a-HOD)
PFL
Mouse Galectin-3
HML-Native
GNL
SBL
EBL
DC-ASGPR short
MEA
PTA-Cat
ME5(detected with a-HOD)
Tb/BFL-1
WTA
WGA
RCA(Vector)
Control
AOL (Mahal)
DSL-1
BTL Native
Tb/-BLT

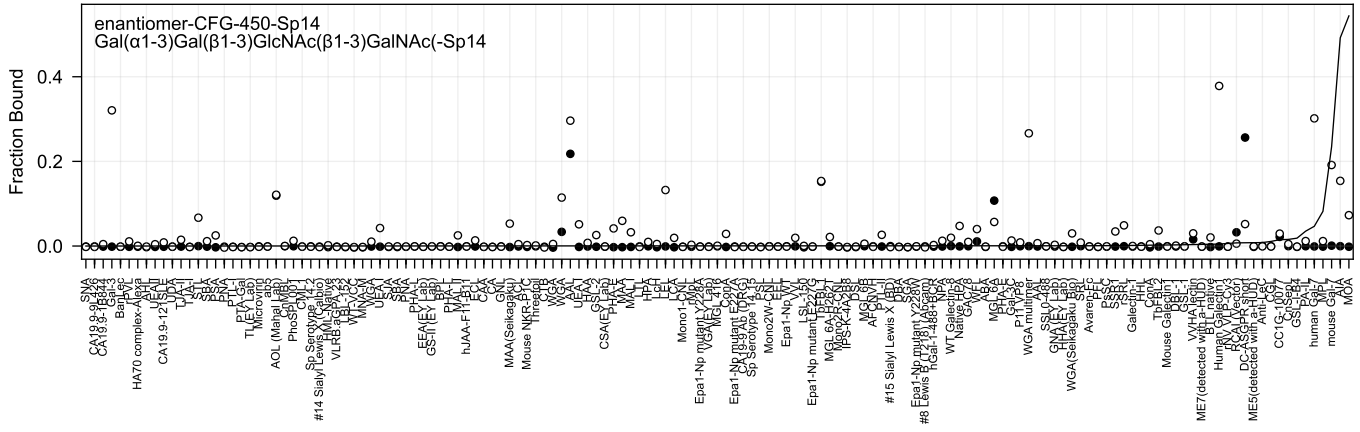

enantiomer-CFG-445-Sp22
Fuc(α1-2)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Fuc(α1-2)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)[Fuc(α1-6)]GlcNAc(β-Sp22
Fraction Bound
0.0
0.2
0.4
MALI
MALII
DSL
DSA
PHA
#14 Sialyl(Lewis X)(Calbiochem)
#31 Lewis B1(TEBU)(Calbiochem)
MAA
nNV SLD-488
SSL-7
LSL-1
LSL-2
UDA
PNA
PAA
SNA
BPL
BPL(Tag)
GS-II (EY Labs)
GS-II (Vector)
hGal-1-488
hGal-3
CA19-9 Ab (ORG)
GNA
GVA
Sp Serotype 14
Sp Serotype 23
PhoSPI
PCA
ACL
VLRB aGPA
CA19.9 Ab (Vector)
CA19.9 complex-Alexa
HA70 complex-Alexa
Sp Serotype 14
Epa1-Np mutant E226A
EEA(EY Labs)
EEA(Vector)
MSA
SBA
PSC
CGL
Epa1-Np mutant E180Q
Epa1 Stab mutant E180Q
Epa1-Np mutant Y228A
Epa1-Np mutant Y228A
GSA-CA8
GSA-CA9
CA19.9 - 1
CA19.9 - 2
Epa1-Np
PAT
TEL
TEL
CA19.9-1 Ab
PNA
PNA
MGL-1
MGL-2
Mouse NKR-P1C
UEA-I
UEA-II
AFCGNV
VGA(EY Labs)
PHA-E
PHA-L
CSA(EY Labs)
hJAA-F11-488
MAA(Seikagaku)
BPL
PCA
MGL 6A-HAT
DBL-1
CD206
Native-HPA
LBL
Native-HPA
Mono2R-CNL
WT-VCC
PTA(Sigma)
UEA-I
MGL-6A
P11-Vaa
WGA
WGA
RCA(Vector)
MGL-6A
Mono2W-CNL
Mono2W-CNL
WGA
Mouse Galectin-8
WGA(Seikagaku Bio)
WT Galectin-8
Microcystin
HML-Native
Human Galectin-1
GNA
CVN(EY Labs)
CVN(Vector)
NPA
WGA multimer
Galectin-1
ECL
ME7(detected with a-Galectin-1)
Human Galectin-3
CAA
ME5(detected with a-Galectin-3)
mouse Galectin-3
DC-ASGPR
SGA
HHA(EY Labs)
HHA(Vector)
Anti-Tac
CCA
Avarol
Avarol-FC
PVL-I
BTL native
TL(EY Labs)
CCA
PSA
Tbr-BL1
AOL (Marine Lectins)
LEA
AAL

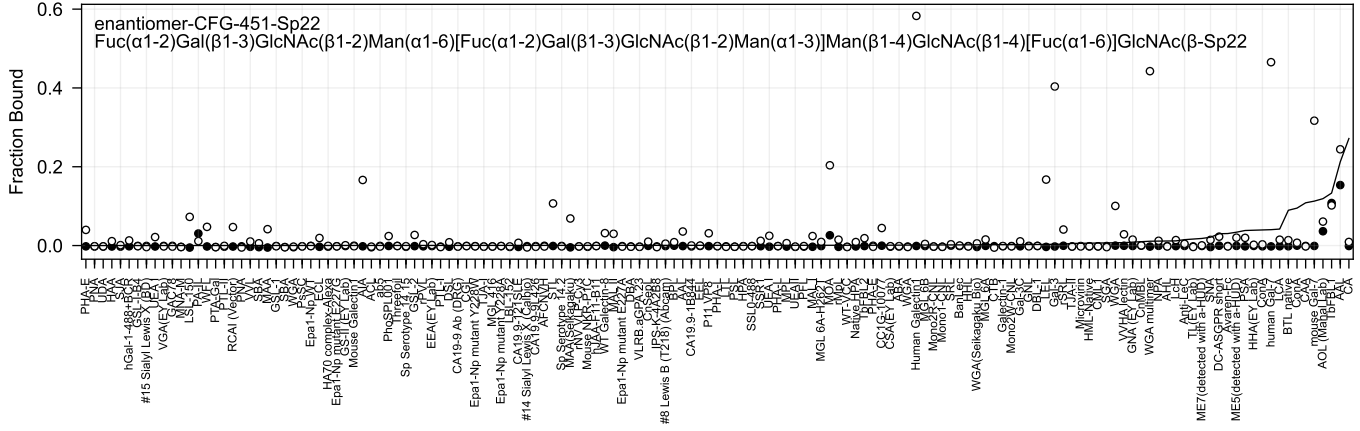

enantiomer-CFG-446-Sp19
GlcNAc(β1-2)[GlcNAc(β1-6)]Man(α1-6)[GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp19
Fraction Bound
0.0
0.2
0.4
0.6
SNA
human Galectin-3
Galectin-7
MGL
SAL
ACL
PNA
TL(EY Lab)
VAA
PNA
PTA
PTA-Gal
PHA-E
PHA-L
CA19.9-121
SLE
BPL
EEA(EY Lab)
Epa1-Np mutant
Epa1-Np mutant Y229A
Epa1-Np mutant Y229W
phoSPC
Sp Serotype 12-2
Sp Serotype 14-2
rGal1-T4
VLRB.aGP.23
VAC1
WT-VCC
VGA(EY Lab)
SBA
GNA
GNA (EY Lab)
MAA(Seikagaku)
hOAA-FH
TKA
DBA
PSL
PNL
P11
Monoclonal-CR3
HPA
HAA
ALA
AIA
GNL
Tricelbi
GSL-I-B4
MPL
Mouse Galectin1
UEA
NPA
MAL
EEL
HML-native
MGL-GlcNAc
TcBPL1
Sp Serotype 3-1-5
Sp Serotype 23-1-5
mouse Galectin-3
CA19.9
Galectin-1
Microvirin
CAA
DC-ASGPR
MSL
SSB
VVHA
CA19.9 (ORGI)
#14 Sialyl Lewis A (Gal-p)
CHA(EY Lab)
CHA(EY Lab2)
Monoclonal
ANL
LEL
LBL-156
#15 Sialyl Lewis X (ORGI)
Native VCC
APE-NV1
Mouse Market Pac
STA
RCA1 (Vector)
HA70 complex(Vector)
WGA-418
WGA-418
WT Galectin-1
UDA
#8 Lewis B (T218)
DNY VLP-C3
IPS-4-K288
IPS-4-K288
SSLL-B88
LCA
Monoclonal-PSA
PSA
Anti-Lewis Y
CSA(EY Lab)
Barr-Lec
LEAI
PHL
WGA
WGA(Seikagaku)
MVL
STL
VVL
BTL
BTL native
Human Galectin1
MEZ(detected with a-HUD)
Epa1-Np mutant Y229A
GS-II (EY Lab)
GNL
CC1G
GAL-1
GAL-2
ABA
ME5(detected with a-HUD)
CoPAK
SBL
WGA
WGA
TcBPL1
WGA multimer

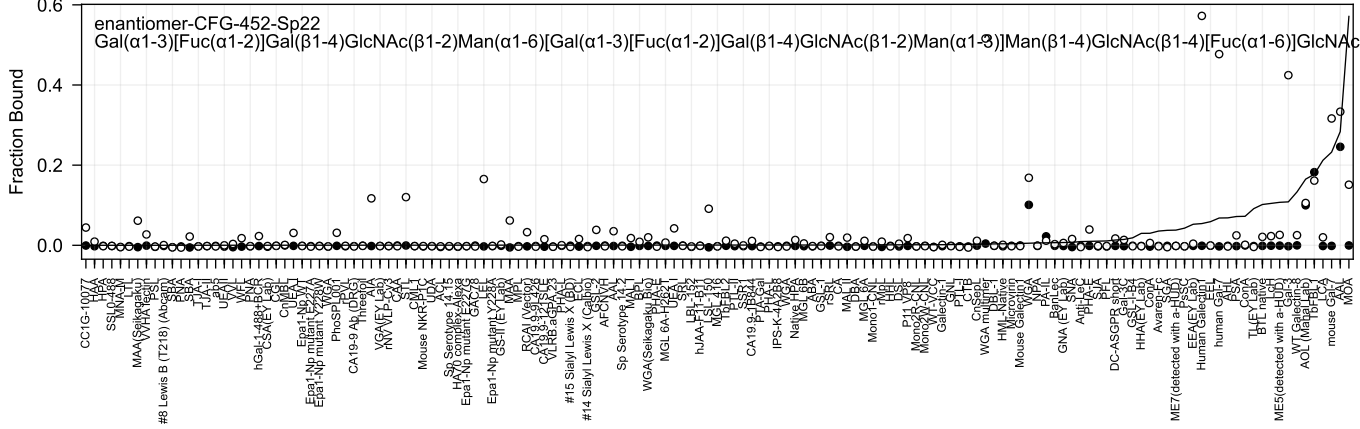

enantiomer-CFG-447-Sp14
Fuc(α1-2)Gal(β1-3)GlcNAc(β1-3)GalNAc(-Sp14
Fraction Bound
0.3
0.2
0.1
0.0
PTL-I
ALL
SBA
Native PNA
WGA(Seikegaku, Rep)
UEA-I
LCA
VLRB.aGFP
PNA
SBA
RCAI (Vector)
HHA(EY Lab)
#15 Sialyl Lewis X (Glycotech)
#14 Sialyl Lewis X (Glycotech)
GNA (EY Lab)
GSII (EY Lab)
BPL
ABA
SBA
STA
CA19.9-UDEAA
VGA(EY Lab)
MAL II
SNA
SSL
WT-VCC
PhA-E
PhA-L
MAA-I
VVA
MOR
CA19-9 Ab (Genetex)
Epa1-Np mutant E227Q
CSA-2
MGL 416
Sp Serotype 14 VPS
Mono82KONA
WGA
SNA
Threonin
MAA
ECL
UEA-I
CONBR
NPL
DBA
LCA
PhoSP-LPA
PNA
FAA
Tbp-PB4
GSII-B4
Banlec
MAA(Seikagaku)
WGA
Mouse NKR-P1C
GNA
HMGB1-228W
Epa1-Np mutant Y228W
CSA(EY Lab)
CA19.9-SLe
#8 Lewis B (Glycotech)
MGL 416(H289T)
MGL 416(H289T)
MGSW(H)
TEL-152
Epa1-NS(WT)
PA-IL
hGal-1-488-BCB
Epa1-Np mutant Y228A
Sp Serotype 14 VPS
HA70 complex
CraSpA
Epa1-Np mutant Y228F
Epa1-Np mutant Y228H
CA19.9-211-CLE
IPSK-488-BCB
VVL
P11
Vicia
Galectin-1
MAL II
Mono-CNL
WT Galectin-1
LEEL
WGA mutant
SSLL-488
WGA
SSL
CCA
AvenBP-F5
Mono3VLOXY
EHL
Mouse Galectin1
AmLec
BTA
DC-ASGPR short
ME5(detected with pH-UD)
ME7(detected with pH-UD)
NVV-VLP-UD
NVV-VLP-UD
MAL I
CNA
Human Galectin1
VVHA legin
human Galectin7
Tbp-PB1
AOL (Marasmius Oreades)
mouse Galectin7
AIA

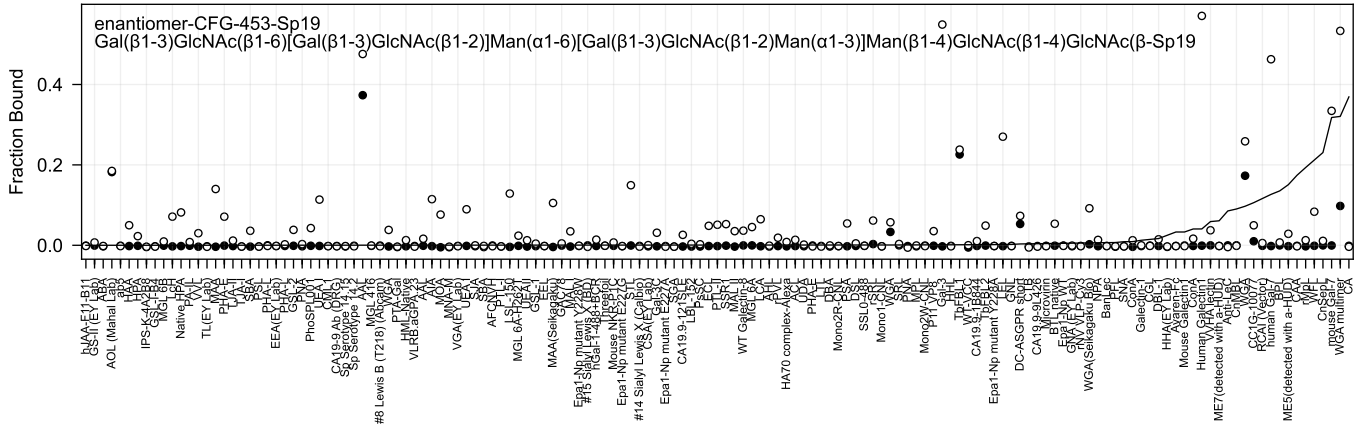

enantiomer-CFG-448-Sp14
Gal(α1-3)[Fuc(α1-2)]Gal(β1-3)GlcNAc(β1-3)GalNAc(-Sp14
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
SNA
Microvirin
BanLec
HA70 complex
MGL 6A
PB-L1
CC1G-Tox7
SCA
VVL
UEAII
TL(EY Lab)
PSA
PNA
RCAI (Vector)
PHA
ABA
BPL
GNA (EY Lab)
Epa1-Np mutant E222Q
CA19-9 (Abcam)
Galectin-1
NPA
DFB-L2
#14 Sialyl Lewis X (Abcam)
#15 Sialyl Lewis X (Abcam)
PHA(L)
ISL-150
MNA-M
VGA(EY Lab)
UEAI
SNA
HML-Native
hAAA-E1-B1
CSA(EY Lab)
P11
DBA
HAA
VCA
VCG
GSL-I
VAA
GNL
ECL
ECA
NPA
LTL
CAA
GSL-2
WXA
PNA(Sigma)
MAA(Seikagaku)
DEAI
ACL
Mouse NKR-P1C
#8 Lewis B (T218) (Abcam)
CA19-9 (Abcam)
CA19-9 (R&D)
MGL 6A-P2G7
Epa1-Np mutant Y228V
SPA
PHL
GAL(-)
ACG-C18
HPA
Sp Serotype 12-2
Sp Serotype 14-1
Epa1-Np mutant E228Q
GS-II (EY Lab)
Aviarin (A-1)
CA19-9-12 (SIA)
Epa1-Np mutant Y228S
SSL-CGA
TbFBP
BJL
AAL
AOL
SSA1
HHA(EY Lab)
AOL (Vector Lab)
CA19.9-1 (Biosys)
PSL
PSA
FSL
LEL-1B2
Native
IPSK-4A2B8
Human Galectin-1
WGA multimer
Mono2R-CNT
rNV VLP-S/A
CrSSpl
VVA(Seikagaku)
Mouse Galectin-1
GSL-I-B4
ME5(detected with a-HUD)
WGA(Seikagaku B)
ME7(detected with a-HUD)
ACG
WAE-H
BTL native
PTA
PTA-Gal
DC-ASGPR SNP1
EEA(EY Lab)
FSSC
PHE
EEL
WT Galectin-4
human Gal-7
mouse Gal-4
Gal-9
MOA

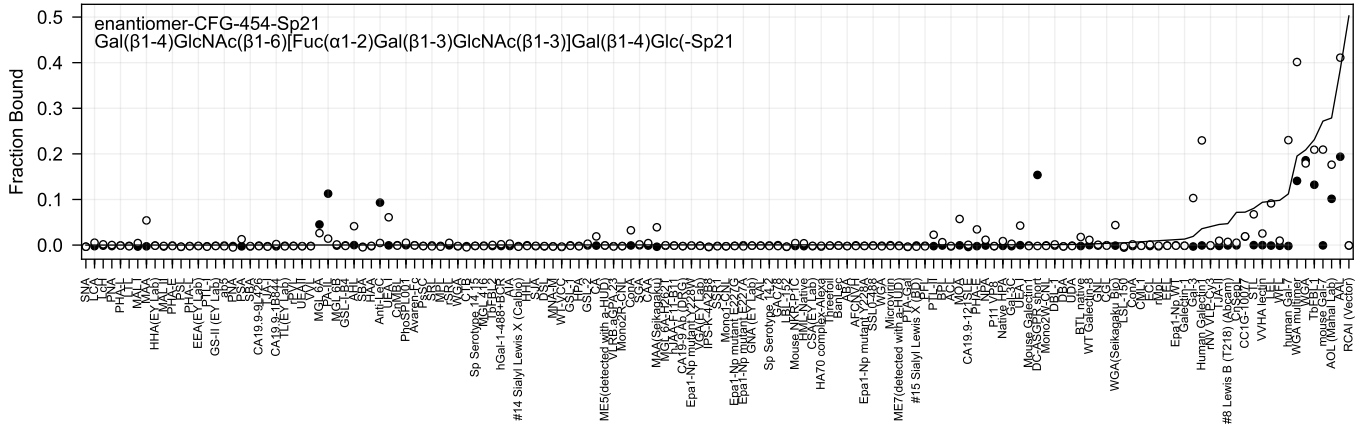

enantiomer-CFG-449-Sp14
GalNAc(α1-3)[Fuc(α1-2)]Gal(β1-3)GlcNAc(β1-3)GalNAc(-Sp14
Fraction Bound
0.4
0.3
0.2
0.1
0.0
hJAA-F11-B11
BJ-3
DBF-1
GSL-1
GNL
WGA(Seikagaku)
Bp
WVF
LEA
LCA
UDA
TL(EY Lab)
SBA
PSA
MAL
MAA
AOL(Mabtag Lab)
Ef(EY Lab)
CA19-9 Ab (CRC)
Galectin-3
#8 Lewis B (T218) (ATCC)
GS-II (EY Lab)
VGA(EY Lab)
Threo(BV)
AOL
HHA(EY Lab)
MAL-I
MAL-II
MGL-6A-H261
Sp Serotype 14.2
Epa1-Np mutant X2280
Mouse NKR-P1C
VGA
MAA(Seikagaku)
HA fe/10
Sp Serotype 14.2
Ban lec
RCA(Vector)
MOR
SOK
SGA
CA19.9-9-7-23
hGal-1-488+PGA
IgS-K-488+PGA
HEL
BPL
#14 Sialyl Lewis X (CA19.9) (BBI)
PNA
PSL
CSA(EY Lab)
Epa1-Np mutant Y228A
#15 Sialyl Lewis X (BD)
Epa1-Np mutant SL210
Epa1-Np mutant Y228A
PCA
Microvirin
HA70 complex
CA19.9-121 SLE
GSL-I-B4
VLRB.aGSK31
PHA-E
PHA-L
NPA
PTL-I
UEA-I
Gal-1
Gal-3
Gal-4
Gal-8
MOR(Vector)
DSA
Ayaro(PF)
SSL-1-488
GNA(EY Lab)
MonoZK-DN
Galectin-7
GalC
SRL
PA-IL
CC1G-100-7
CMG
MGL
WGA mutant
Mono-CNL
BTL
BTL native
Mouse Galectin-1
MGL-4-18
human Galectin-7
mouse Galectin-7
Mono-SGL
MGL-6A
DTA
DTB-1
ANP
HAA
HAX
WT Galectin-8
CnSerp
MEZ(detected with a-HUD)
ME5(detected with a-HUD)
Human Galectin-1
CTB
PTA
rNV VLP-488
SNA
PNA
AIA
DC-ASGPR s-pDA
HPA
Native HPA

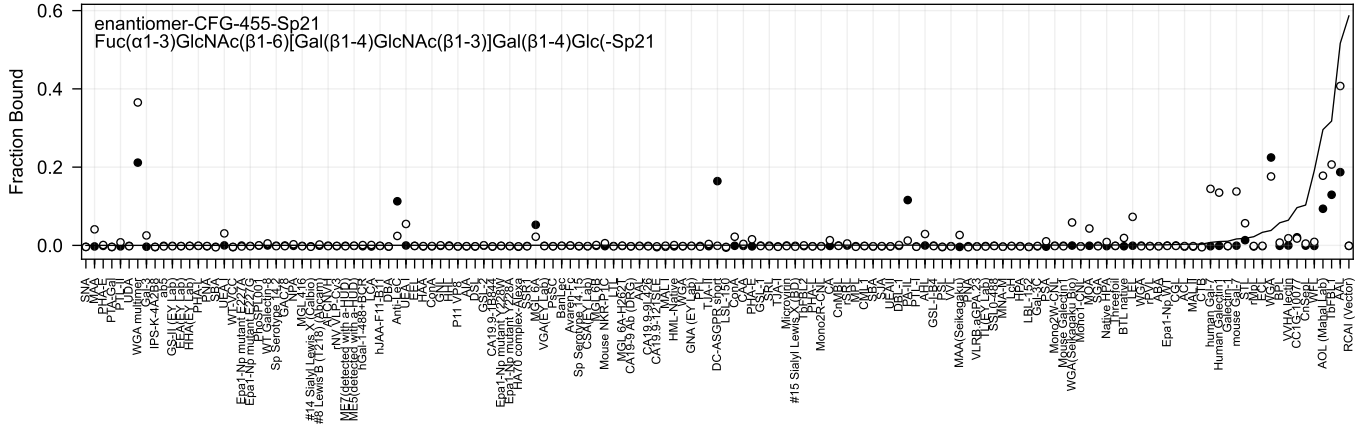

enantiomer-CFG-450-Sp14
Gal(α1-3)Gal(β1-3)GlcNAc(β1-3)GalNAc(-Sp14
Fraction Bound
0.0
0.2
0.4
SIA
CA19.9-SIA
CA19.9-TBS44
Banana
Banana-Sec
HA70 complex-Alex
ANTI
CA19.9-12(ELISA)
UDA
TJA-I
SNA
SBA
PNA
PTL-I
PTA(EY Lab)
TL(EY Lab)
Microvirin
AOL (Mahal Lab)
PhoSL(EY Lab)
PhoSL(Wu)
Sec-cyclophilin-2
#14 Sialyl Lewis X-Neuac
RHL-Native
VLectin-4-Native
BTA-152
MVN-CY4
WGA
UEA-I
SBA
SBA
EEA(EY Lab)
GSII(EY Lab)
BPL
PAL
PTA-1
MAL-II
hJAA-F11
MAL-I
CAA
CAA
GNA
MAA(Seikagaku)
Mouse NKR-P1C
Threitol
WGA
WGA
LEA
LEA
GSL-2
CSA(EY Lab)
CSA(EY Lab)
MAA
MAL-I
HPA
LEL
LEL
Mono1-CKX
Epa1-Np mutant Y226W
VGA(EY Lab)
MGL-416
Epa1-NR mutant E222A
Epa1-NR mutant E222A
Sp1 Serotype 14,19
Mono2W-EGL
Mono2W-EGL
Epa1-Np WT
SL-126
Epa1-Np mutant L-126
DEBLT
MGL-642
MGL-642
NPS-K-A288
MOR-288
AFCNVH
#15 Sialyl Lewis X (Epi)
SNA
SNA
Epa1-Np mutant Y226W
#8 Lewis Hexa-Epi
Epa1-Np mutant Y226W
Hexa-Epi
NPA
WT Galectin-1
Native HPA
GNA
WGA
ABA
ABA
MOR
BHA-E
BHA-E
PTA-Type
WGA mutmer
SSLp-488
GNA(EY Lab)
WGA(Seikagaku Bio)
Avarex
PEL
PEL
SSBY
SSBY
SRL
Galectin-1
HHL
TBPB
TBPB
Mouse Galectin-1
GSL-1
GSL-1
ME7(detected with HA HUD)
BTL native
Human CA19-9-Cy3
RNV CA19-Cy3
DCA-Alexa
DCA-Alexa
ME5(detected with a-HUD)
Anti-CEA
CC1(s-1007)
GSL-I-B4
GSL-I-B4
human CA19-9
PA-L1
MPL
mouse CA19-9
MAA
MOA

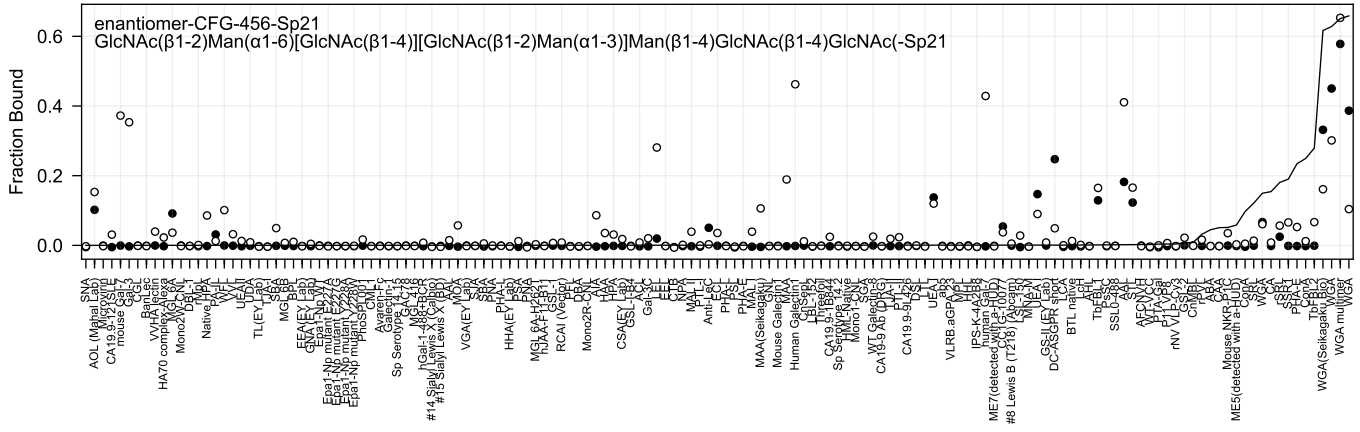

enantiomer-CFG-451-Sp22
Fuc(α1-2)Gal(β1-3)GlcNAc(β1-2)Man(α1-6)[Fuc(α1-2)Gal(β1-3)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)[Fuc(α1-6)]GlcNAc(β-Sp22
Fraction Bound
0.0
0.2
0.4
0.6
PHA-E
PNA
UDA
SJA
SNA
hGal-1-488-Pro2
#15 Sialyl Lewis X (BD)
VGA(EY Lab)
GNA
LSL-1-Gly
TxB
TxA-II
PTA(Lai)
RCAI (Vector)
PNA
SBA
SJA
GSL-I
VVA
WGA
Epa1-Np DD
HA70 complex-Cy3
Epa1-Np DD-Cy3
GSII(EY Lab)
Mouse Galectin-1
ACL
ACA
PhoSPL 801
Thrombospondin
Sp Serotype 1
GSL-I-2
PNA
EEA(EY Lab)
PTL-I
PTL-II
CA19-9 Ab (ORG)
Epa1-Np mutant Y229K
Y-DA
Epa1-Np mutant MQ-2-2
Epa1-Np mutant 1B1-52
CA19.9-Cy3 (Calbiochem)
#14 Sialyl Lewis X (Calbiochem)
CA19.9-FITC
AOL
STL
Sp Serotype 4
MAA-P-1-Cy3
Mouse Galectin-3
INVA-P-Cy3
MAA-P-11-B1
WT Galectin-1
Epa1-Np mutant E227A
Epa1-Np mutant E227A
VLRB.aGPA.G3
VLRB.aGPA.G3
#8 Lewis B (T218) (Abcam)
JFS-Cy3SBB
SSL-1-488
SSL-1
SSL-1-488
PTA-I
PSL
PTA-II
UEA-I
UEA-II
PEL
MGL 6A-HRP
MGL
MGA
WT VOA
WT VOA
Naive BP-2
PHA-L
PHA-E
CC1(EY Lab)
CSA(EY Lab)
WGA
VVA
Human Galectin-1
Mono2-Man
Mono2-Gal
Mono1-SNL
Mono1-GNL
Galectin-1
Mono2-Gal
Mono2-Man
DBA
DBA-I
Galectin-3
Galectin-3
TxA-II
TxA-II
HMicrovirus
HMicrovirus
COM-1
WGA
GNA(EY Lab)
CA(MBL)
WGA mutant
ACL
ACA
Anti-Lec
Anti-Lec
ME7(detected with EY-HRP)
SNA
DC-ASGPR SNA
Arcaris-Lec
ME5(detected with a-HRP)
HHA(EY Lab)
Cy3-Lg
human Cy3-CA
BTL
human CA
mouse GalA
mouse GalA
AOL (Matsu-Lab)
TD
AAL
CA

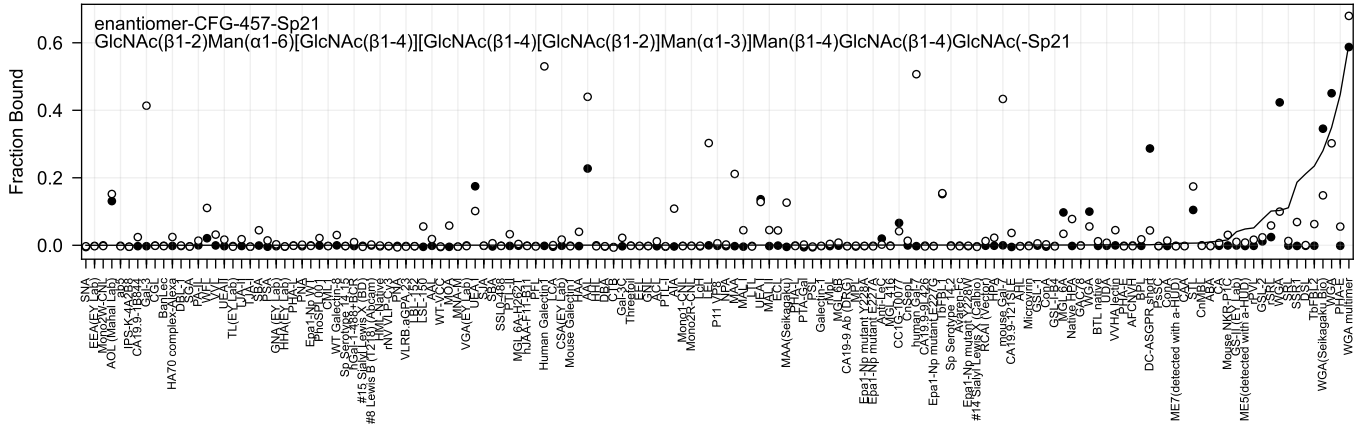

enantiomer-CFG-452-Sp22
Gal(α1-3)[Fuc(α1-2)]Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Gal(α1-3)[Fuc(α1-2)]Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)[Fuc(α1-6)]GlcNAc
Fraction Bound
0.0
0.2
0.4
0.6
CC1G-1007
LEA
LPA
SSL-7
MKAN
MAA(Seikagaku)
VVHA
#8 Lewis B (T218) (Abcam)
SBA
SBA
TJA-I
UEA-I
PNA
WFL
hGal-1-488+BCR
CSA(EY Lab)
CnBL
Epa1-Np WT
Epa1-Np mutant E222A
Epa1-Np mutant E222Q
WGA
PhoSL
PhoSP
CA19-9 Ab (DRG)
CA19-9 Ab (Hybrid)
AIA
NVA(EY Lab)
NVA(EY Lab)
CAA
Mouse NKR-P1C
CML-1
ACL
Sp Serotype 4
HA-10 complex Alexa
Epa1-Np mutant E222Q
Epa1-Np mutant E222A
Epa1-Np mutant E222R
GSII(EY Lab)
MPA
MAA
RCA(Vector)
CA19-9 (T-28)
VLRB.a-Fc25
#15 Sialyl Lewis X (BD)
#14 Sialyl Lewis X (Calbiochem)
ArCC
ANA
Sp Serotype 14
WGA(Seikagaku)
Gal
MGL 6A-Fc21
UEA-I
LBL-32
hJAA-1-Fc
TSL-150
MGL-6-Fc
BTL-1
CA19.9-Fc34
PA-Gal
IPS-K-A-Fc38
Native VHA
MGL-6B
GSL-I
RSL
MAL-I
MGL-6A
Mono1-CNI
HIL
HIL
P11
Vast
Mono2-CNI
Mono1-VCC
Galectin-1
PTL-I
CnSerp
WGA multimer
HML-Native
Microvirin
Mouse Galectin-9
WGA
PAL
PA-IL
BonLec
GNA (EY Lab)
SNA
ACA
APHA-E
PHA-E
SJA
DC-ASGPR short
Gal-3
HHA(EY Lab)
GNA
Avarocyte
SGA
ME7(detected with a-HUD)
ECA
EFA(Vector)
Human Galectin-7
EEL
human Galectin-1
EEL
OSA
BTL (EY Lab)
THY (EY Lab)
BTL native
ME5(detected with a-HUD)
WT Galectin-8
AOL (Marine Lab)
LCA
mouse Galectin-1
MOA

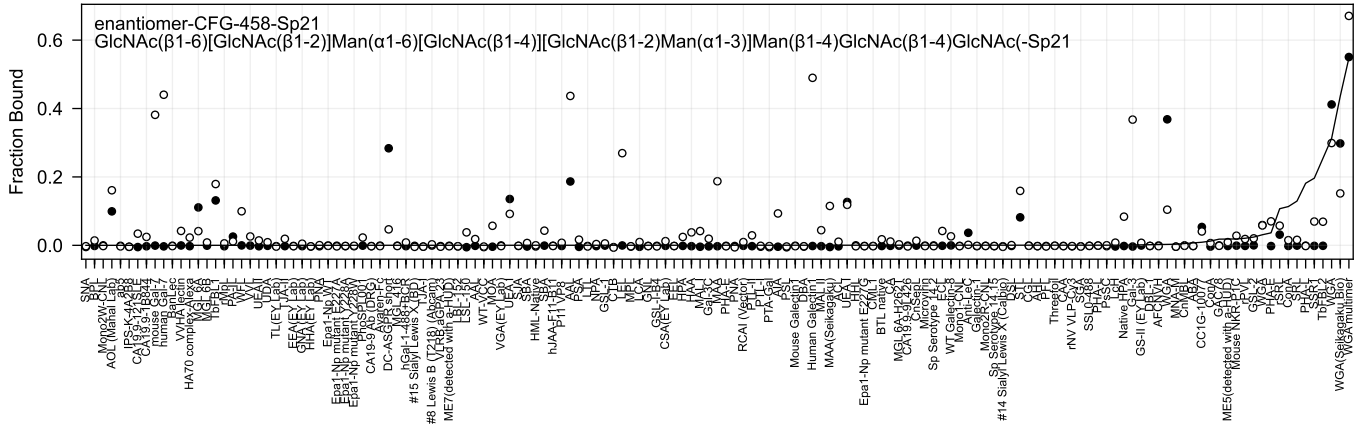

enantiomer-CFG-453-Sp19
Gal(β1-3)GlcNAc(β1-6)[Gal(β1-3)GlcNAc(β1-2)]Man(α1-6)[Gal(β1-3)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp19
Fraction Bound
0.0
0.2
0.4
hIAA-E(1-B1)
GSA(EY Lab)
AOL (Mahal
IPS-K-A288
G-A288
WGC-B8
Native
HPA
PA-I
TL(EY
Vab
MAA
PL-A1
SBA
BS-I
PT-1(Lab)
GS-I-2
PNA
EEA(EY Lab)
PhoSPL
DSA
CA19.9 Ab (Cell
Sp Serotype 14.12
Sp Serotype 14.12
MGL 41B
#8 Lewis B (T218) (Advan
PTA
HMA
VLRB aGPA
VVA
AIA
MOA
MVA(EY Lab)
UEA1
SJA
VGA(EY Lab)
AFGP-1
LSL-1
MGL 6A
DBA
GS-I
SEA
MAA(Seikagaku)
GNA
WGA
#15 Sialyl Lewis X
Epa1-Nb mutant Y226V
#14 Sialyl Lewis X (Calbio)
Epa1-Np mutant E222C
Mouse NK cells
Epa1-Np mutant E222C
#14 Sialyl Lewis X (Calbio)
CSA(EY Lab)
Epa1-Np mutant E222A
CA19.9-12-352
LBL-1
PEC
ESS-1
MAL I
WT Galectin-3
WGA
LCA
PSA
PVL
HA70 complex-Alexa
OPA
PHA-E
CRA
Mono2R
PSA
SSL-1
Mono1
WGA
SNA
MPL
Mono2W
PHA-L
Gal-3
TxB-1
CA19.9-1116
CA19.9-1116
BT Lectin
Epa1-Np mutant T226A
DC-ASGPR
CTB
CA19.9-1116
BT Lectin
Epa1-Np mutant T226A
GNA (EY Lab)
WGA(Seikagaku)
NPA
Barley
PEF
SNA
CGL
Galectin-1
HHA(EY Lab)
PSL-1
Mouse Galectin-7
Human Galectin-7
ConA
VAA
ME7(detected with
Anti-Lac
CWGA
CC1G-10077
Rat Galectin-7
PCA
ME5(detected with a-
CAA
WFL
CrSalv
WGA(Sigma)
CA

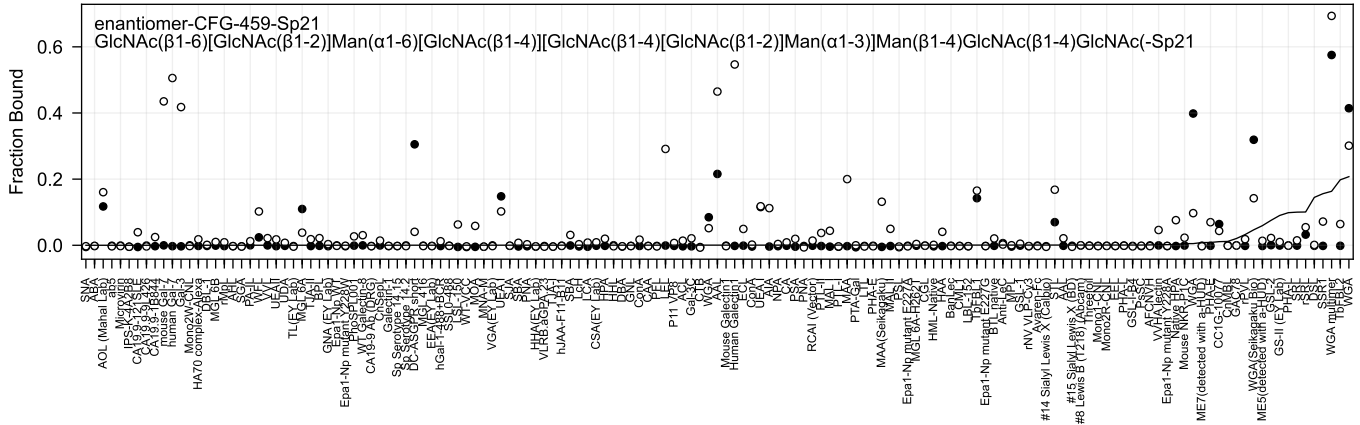

enantiomer-CFG-454-Sp21
Gal(β1-4)GlcNAc(β1-6)[Fuc(α1-2)Gal(β1-3)GlcNAc(β1-3)]Gal(β1-4)Glc(-Sp21
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
SNA
SNA
PNA
PHA-L
MAL I
MAA
MAA(H)
PHA-E
PSA
PHA-L
EEA(E Lab)
GS-II (EY Lab)
BNA
BNA
SBA
CA19.9-A 426
CA19.9-1 (B44)
TL(EY Lab)
UEA II
MGL
PA-IL
MGL-1 D3
GSL-I B4
SBA
HPA
AnnUEA I
SNA(M)
Phos-Tag
Avarol-PC
PSA
MPL
MPL
WGA
WGA
Sp Serotype 6 C18
hGal-1 418
hGal-1-488-BP-S
#14 Sialyl Lewis X (Calbi)
SNA
SNA
SNA
MNA-M
WFA
GSL-I
GSL-I
ME5(detected with anti-Ig)
ME5(detected with anti-Ig)
Mono2R-CONT
SBA
DBA
MAA(Seikagaku)
MGL (EY Lab)
CA19.9 AB (DF83)
Epa1-Np mutant Y229W
IPSK-K (A288)
Mono2-CONT
Epa1-Np mutant E227G
Epa1-Np GNA (EY Lab)
AAL
Sp Serotype 6A C18
Mouse NK-P1C
CSM1-Native
HA70 complex-Alexa
Bitter melon
Bitter melon
ABA
AFL Y229W
Epa1-Np mutant Y229W
SSL7 (A288)
Mucin (UD)
ME7(detected with anti-Ig)
#15 Sialyl Lewis X (BD)
PTL-II
PTL-II
BPL
BPL
MOA
CA19.9-12 (B44)
BS-I-B4
PNA
P11
Native HPA
GalA
Mouse Galectin1
DC-SIGN-CONT
Mono2N-CONT
DBA
UDA
BTL
WT Galectin1
GNL
WGA(Seikagaku, Bio)
LSL-150
CAA
CAA
MOL
MOL
EPL
Epa1-Np
Galectin-1
Gal-3
Human Galectin-1
INV VLE (EY)
#8 Lewis B (T218) (Abcam)
CC1C-1B6
STL
VVHA lectin
VVL
VVL
human WFA
WGA multimer
TD(EY)
mouse Gal-1
AOL (Malhar Lab)
RCAI (Vector)

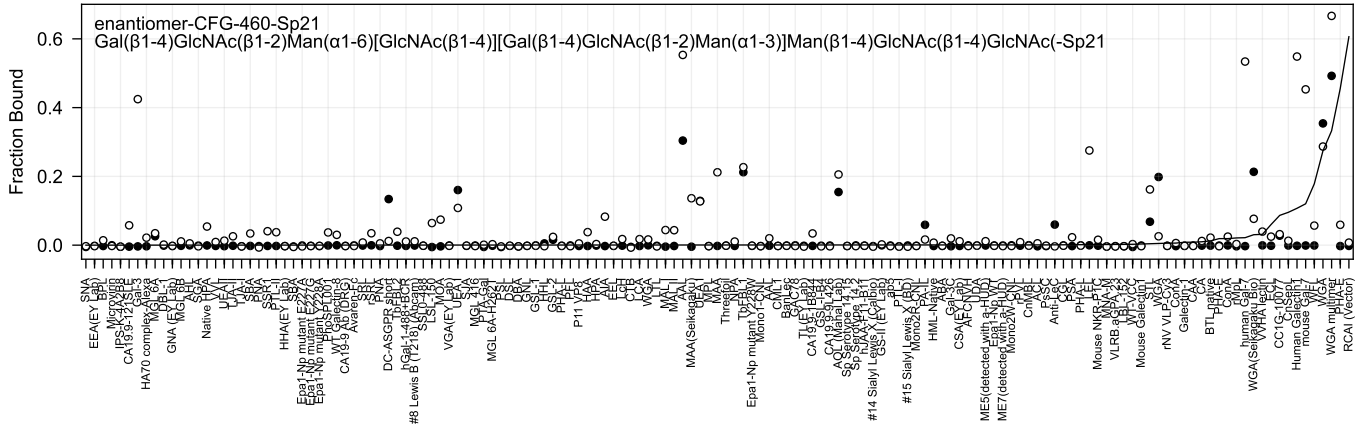

enantiomer-CFG-455-Sp21
Fuc(α1-3)GlcNAc(β1-6)[Gal(β1-4)GlcNAc(β1-3)]Gal(β1-4)Glc(-Sp21
Fraction Bound
0.6
0.4
0.2
0.0
SNA
MAA
PLA2
PHA-E
PHA-L
WGA mutant
IPS-K-4
Gal3
Gal8
GSL-I (EY Lab)
HHA(EY Lab)
PNA
SBA
UEA-I
WFA
Epa1-Np mutant E227A
Epa1-Np mutant Y228A
PropSPL(bo)
WFA(Seikagaku)
Sp Serotype 12
GAL-6
MGL 4/6
#14 Sialyl Lewis x (Calbiochem)
#31 Lewis B1 (Calbiochem)
NV (EY Lab)
MEZ(detected with anti-HIS)
ME5(detected with anti-HIS)
hGal1 mutant
hGAA-F1
LCA
DBA
Ara h 1
Anti-LSC
UEA
EEL
PHA
CGL
GNL
VFA
P11
VFL
CAA
CGL-2
CA19.9
Epa1-Np mutant Y228A
Epa1-Np mutant Y228A
HA/70 complex
SSA
MGL 6/A
VGA(MGL 6/A)
F-PsaG
Bean-PEC
Sp Serotype 14
CSA
Mouse RBC
Mouse NKR-P1C
MGL 6A (Tag)
CA19.9 Ab (Ab)
CA19.9 Ab (Ab)
CA19.9 Ab
NALT
HML-1
WGA
GNA (EY Lab)
T-JA-I
DC-ASGPR
LSL
CoPA
PHA-P
PHA-E
GSL-I
T-JA-II
Mouse CD1d
#15 Sialyl Lewis x (Calbiochem)
DEC-205
Mono2R-CNL
CrMCA
PSA
SBA
CML-1
SNA
UEA-I
DBA-1
PTL-I
PTL-II
GSL-A4
GSL-B4
PSL
MAA(Seikagaku)
VLRB.aGPA
VLRB.aGPA
LEL (EY Lab)
SSL
MNA-M
HPA
LBL-1
LBL-2
GS-IV-A
Mono2W-CNL
Mono2W-CNL
WGA(Seikagaku Bio)
WGA(Seikagaku Bio)
MGnA
WOA
SCA
Native SCA
Threefold
BTL native
WGA
ABA
ABA
Epa1-Np
AOL
ACL
MALI
MALII
human Gal-7
Human Galectin-1
Galectin-1
mouse Gal-7
Gal-7
RPA
WFA
BPL
VVHA (Vector)
CCTG-1(Vector)
CrCNL
NPL
AOL (Mabtech)
TBL
AAL
RCAI (Vector)

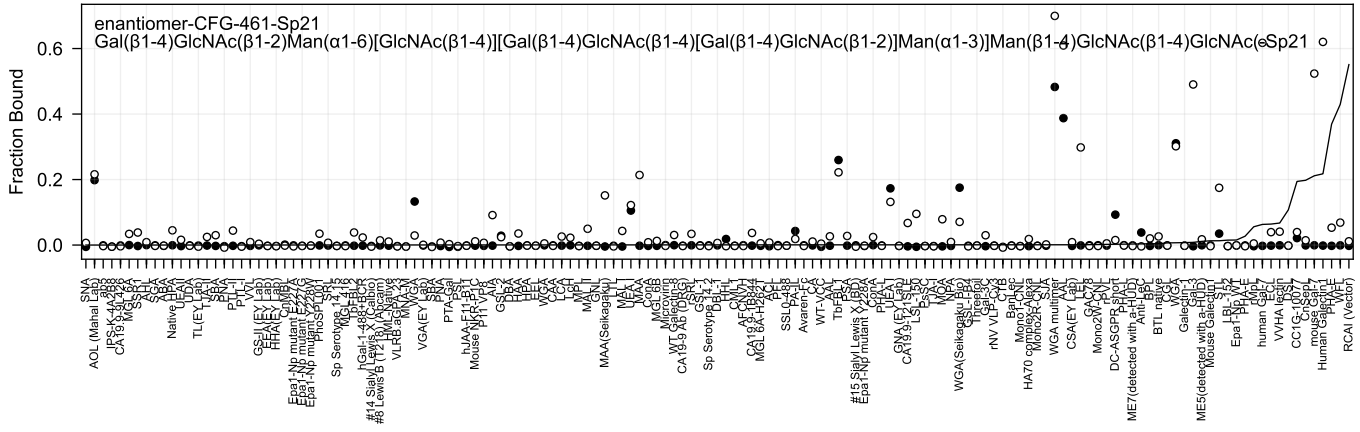

enantiomer-CFG-456-Sp21
GlcNAc(β1-2)Man(α1-6)[GlcNAc(β1-4)][GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(-Sp21
Fraction Bound
0.0
0.2
0.4
0.6
SNA
AOL (Mahal. lab)
CA19.9(Yamori)
CA19.9(Kyowa)
mouse Gal-7
Gal-3
VVA
Ban Lec
HA70 complex Hexa
MonoA(Kiyo-BA)
DSL-1
Native PAA-L
MPL
WFL
UEA-I
UDA
TL(EY Lab)
SBA
MGL
EEA(EY Lab)
Epa1-Np mutant E227A
Epa1-Np mutant T228A
Epa1-Np mutant Y229A
Epa1-Np mutant S226A
Pro-Gal-2
Galectin-1
Sp Serotype 14-18
NGC-4-18
hGal-1 108-BC-8
#14 Sialyl Lewis X (Bp)
#15 Sialyl Lewis X (Bp)
VGA(EY Lab)
MOA
SBA
SBA
PNA
HHA(EY lab)
PNA
MGL 64-1-2B1
GSL-1
RCAI (Vector)
Mono2R
DBA
AIA
HPA
CSA(EY Lab)
GSL-ACH
Gal-1C
EEL
NPA
MAL-I
Anti-Lec
ECL
PHA-L
PSL
PWM
MAA(Seikagaku)
Mouse Galectin-1
Human Galectin-1
LfcSpp
LfcSpp
CA19.9-1B42
Sp Serotype 14-18
FMP Native
Mono1
SGA
MAL
CA19.9-Galectin-3
CA19.9-Galectin-1
CA19.9-9-1-2
DSL
UEA-I
VLRB.aGP.B23
Mp
IPS-K-42-B8
human Gal-1
ME7(detected with a-HUDS)
#8 Lewis B (T218) (Ayscough)
MMA-N
GSL-II(EY Lab)
DC-ASGPR sPDX
BTL native
ABL
ABL
TbeBL-1
SSL2-B8
AAL
AAL
AFCNVH
PTA-Gal
PTA-Gal
rNV VP1 VP8
GSL-12
CMNPL
ABA
ABA
Mouse NKR-P1C
ME5(detected with a-HUDS)
SBL
SBL
WGA
WGA
SSBL
SSBL
PRA-E
PRA-E
Tb-B1
WGA(Seikagaku) Rice
WGA mutant Wheat
WGA

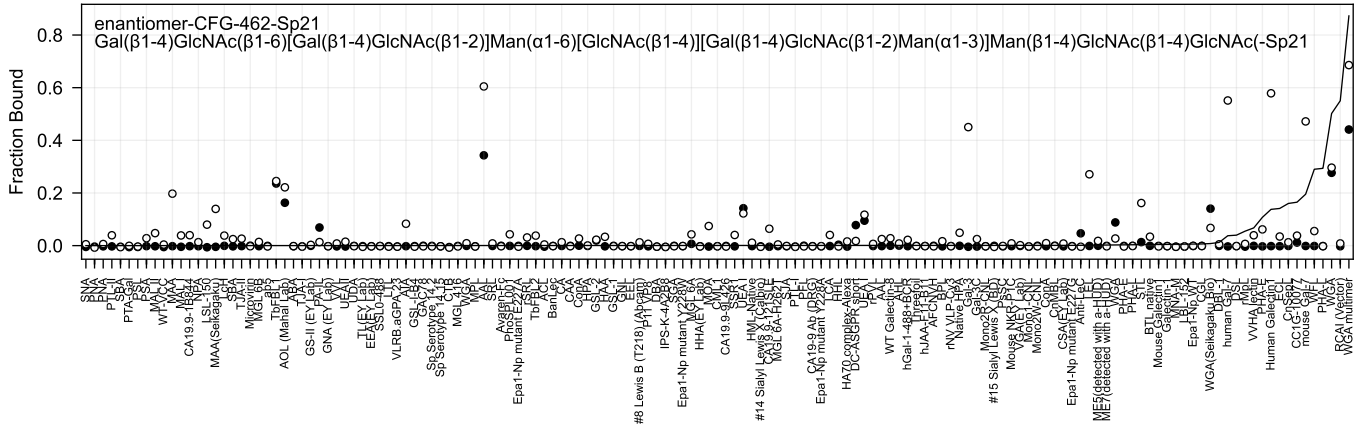

enantiomer-CFG-457-Sp21
GlcNAc(β1-2)Man(α1-6)[GlcNAc(β1-4)][GlcNAc(β1-4)[GlcNAc(β1-2)]Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(-Sp21
Fraction Bound
0.0
0.2
0.4
0.6
SNA
EEA(EY Lab)
CNL
AOL(Mona2R Lab)
ABA
Galectin-8
CFTR G-1 Binding
Gal-3
Bam Lec
HA70 complex
DSA
SGA
PNA
RCA
VVL
UEA-I
TL(EY Lab)
LCA
LTA
SBA
STA
GNA (EY Lab)
HHA(EY Lab)
ACA
PNA
Epa1-Np (W1)
Fucolectin
WT Galectin-1
Mono1-CNL
Sp Serotype 14-18
Epa1-Np (W1)
#15 Sialyl Lewis X (Tech)
#8 Lewis B (Y-2 Rb) (Acam)
nNVL (Pseudo)
PNA
VLRB aggl. 162
LSL-1 50
WT-VCC
MVCC
VGA(EY Lab)
ECA
SSL8
SSL5
MGL 6A-F11-B1
MGL 6A-F11-B1
Human Galectin-1
CSA(EY Lab)
Mouse Galectin-1
HAA
CGL
CGB
Gal-3C
Trimeropil
CNL
PTL-I
Mono1-CNL
Mono2R-CNL
LEL
P11
NPA
MAA
MAL
UEA-I
MEL
ECA
MAA(Seikagaku)
PTA
PTA-Gal
Galectin-1
MGL
CA19-9 Ab (Cosmo)
MGL
Epa1-Np mutant Y285A
Epa1-Np mutant E227A
MGL 418
CCL6 (Sol)
Human Gal-7
CA19-9 Ab (Cosmo)
Epa1-Np mutant E227G
TBFB-1
Sp Serotype 6
Epa1-Np mutant (Calbio)
#15 Sialyl Lewis X (Calbio)
RCA(I (Vector)
mouse Gal-7
CA19-9-12 SHE
Microvirin
Con-A
GSL-I-B4
Native HPA
GNA
BTL native
VVHA lectin
APOLOVE
BPL
DC-ASGPR
SSL8
CGB
CGA
CAA
Con-A
MEL
ABA
Mouse NKR-P1C
GSL-III (EY Lab)
ME5(detected with a-Gal)
PVL
CSA
CGB
WGA
SSL8
SSL5
TxB
TbFBP1
WGA(Seikagaku)
Bloo
PHA-E
PHA-L
WGA multimer

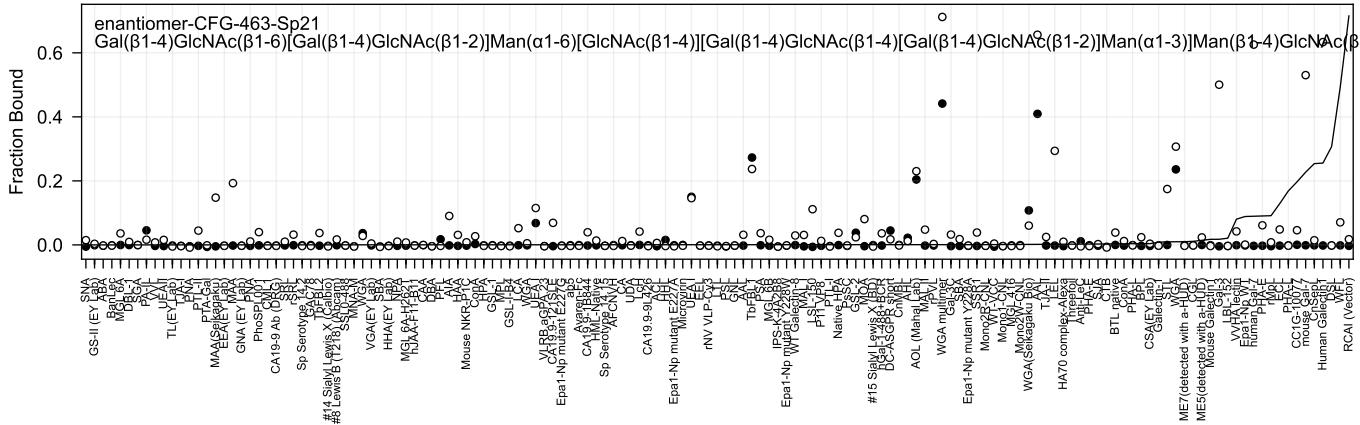

enantiomer-CFG-458-Sp21
GlcNAc(β1-6)[GlcNAc(β1-2)]Man(α1-6)[GlcNAc(β1-4)][GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(-Sp21
Fraction Bound
0.0
0.2
0.4
0.6
SNA
SIA
Mono2W-CNT
AOL (Marat-B)
BS3
CA19-9-Ab
CA19-9-Ab44
CA19-9-Ab5
HPA
human Gal-7
VVH-Banlec
HA70 complex Alexa
MGL-B8
MGL-B6
TcFBL1
PAN1
PAN2
WT
UEA1
TL(EY Lab)
EEA(EY Lab)
GNA (EY Lab)
HHA(EY Lab)
Epa1-Np W1
Epa1-Np mutant E228A
Epa1-Np mutant Y229A
Epa1-Np mutant S228A
CA19-9 Ab (DRG)
DC-SIGN-ECD
hGal-1-NG-418
#15 Sialyl Lewis X (BD)
#8 Lewis B (T218) (Abcam)
ME7(detected with BT-1)
LSL-1-50
WT-CCK
VGA(EY Lab)
UEA1
SBA
HML-Native
hJAA-F11-Biot
PNA
PSA
NPA
GSL-I-B4
MEL
MCA
GSL
GSL(EY Lab)
CSA(EY Lab)
EPA
EEA
MAA
Galectin-1
MAAE
PNA
RCAI (Vector)
PTA-I
PTA-II
AOA
Mouse Galectin-1
DBA
Human Galectin-1
MAA(Seikagaku)
UEA1
Epa1-Np mutant E228G
CML-1
BTL (Vector)
MGL-B1-W324
CA19-9-Ab24
Sp Serotype 9V
Mono1-CNT
WT Galectin-1
Mono2R-CNT
Galectin-1-Cy
Mono2R-CNT
Sp Serotype 9V
Sialyl Lewis X (Calbio)
#14 Sialyl Lewis X (Calbio)
SSL
CGL
CGL
AFL
AFL
Thregfold
rNV VLP-W2
rNV VLP-W3
SSL8
SSL9
PHA-L
PHA-E
Native-LMFA
GS-II (EY Lab)
AFP
rNV-1
WGA
CMEL
CMEL
CC1G-1-0-0-0
CC1G-1-0-0-2
CC1G-1-0-0-4
CC1G-1-0-0-6
CC1G-1-0-0-8
CC1G-1-0-0-10
CC1G-1-0-0-12
ME5(detected with BT-1)
Mouse NKR-P1C
GSL-2
PVGA2
PVGA
SRL
SRL
CSL
CSL
PSL-1
PSL-2
TcFBL1
TcFBL2
WGA(Seikagaku) (Biot)
WGA-multimer

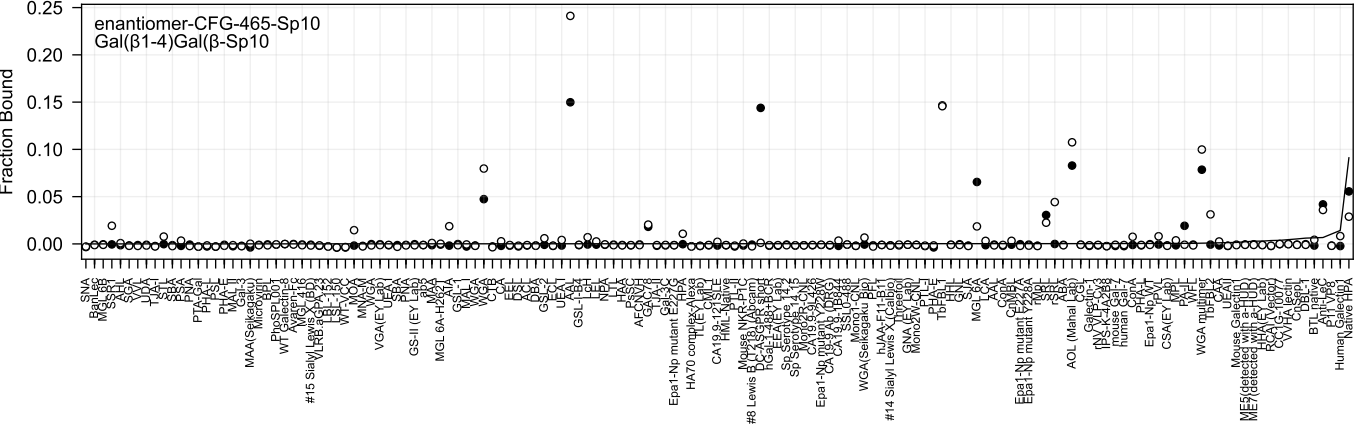

enantiomer-CFG-459-Sp21
GlcNAc(β1-6)[GlcNAc(β1-2)]Man(α1-6)[GlcNAc(β1-4)][GlcNAc(β1-4)[GlcNAc(β1-2)]Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(-Sp21
Fraction Bound
0.0
0.2
0.4
0.6
SNA
SNA
AOL (Mahal Lab)
Mcryo
PSA
IPSL-1 ASGB
CA19-9 Ab (ORG)
CA19-9 Ab
CA19-9 Ab
mouse Gal-1
human Gal-1
Mono2W-CNL
HA70 complex
DC-SIGN
MGL Bb
ABL
ACA
ACA
WFL
WFL
UEA I
UDA
TL (EY Lab)
WGA
TJA I
BPL
GNA (EY Lab)
Epa1-Np mutant Y228V
WFA
PhoSL-D1
CA19-9 Ab (ORG)
CA19-9 Ab
Galectin-1
Sp Serotype 14-15
DC-SIGN
DC-SIGN
AGL-46
hGal-1-488-Bio
EEA
SSL-188
SSL-188
WT VCC
VGA(EY Lab)
MNA-M
SJA
SNA
SNA
SNA
HHA (EY Lab)
VLRB (Lab 32)
hJAA-F11 (JAC)
SBA
SBA
LCA
CSA(EY Lab)
ERA
ERA
DBA
DBA
CVN
CVN
GAL
TEL
VCL
Gal-3C
WGA
WGA
Mouse Galectin-1
Human Galectin-1
GCA
DEA
NPA
PSA
PNA
RCAI (Vector)
MAL I
MAL I
MAA
PTA-Sal
PHA-L
PHA-E
MAA(Seikagaku)
MAA(II)
Epa1-Np mutant E227A
MGL BA (Lab 2)
HML-Naive
HHA
BeCML
LEL
LEL
Epa1-Np mutant E227G
EXA
Antifreeze
SPL
SPL
GSL I
rNV VLP-C-1
rNV VLP-C-3
#14 Sialyl Lewis X (Leloir)
SJL
#15 Sialyl Lewis X (BD)
#8 Lewis B (1216) (Accam)
Mono2-CNL
Mono2K-CNL
EEL
EEL
GS-I B4
GS-I B4
PaSS
VVA
HA (Lab)
Epa1-Np mutant Y228A
Epa1-Np mutant Y228A
Mouse NKR P1C
ME7(detected with aGVDA)
PHA-E
PHA-E
CC1G-CNL
CC1G-CNL
GNA
GNA
SVA
WGA(Seikagaku, Bio)
ME5(detected with aGSD)
GS-II (EY Lab)
PA-IL
SSL
SSL
SSL
SSR1
WGA
WGA
WGA

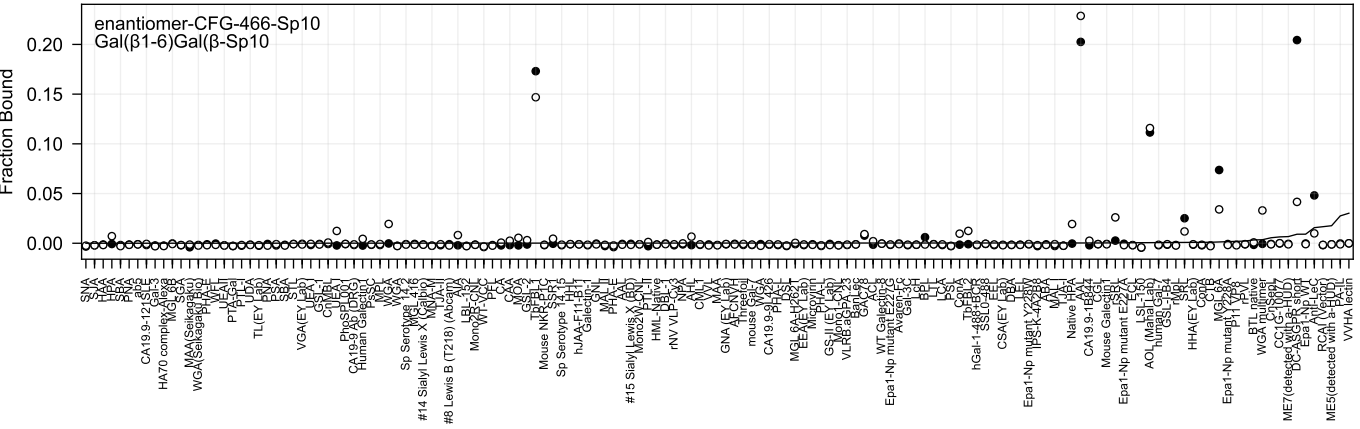

enantiomer-CFG-460-Sp21
Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[GlcNAc(β1-4)][Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(-Sp21
Fraction Bound
0.0
0.2
0.4
0.6
SNA
BPL
PNA
MicrA
PS-K-Ag288
CA19-9-12-Sa-L
HA70 complex Alexa
MGL-1
GNA (EC-Lab)
MGL
ACL
Native SNA
LTA
UEA-I
LCA
SBA
PNA
PSA
PSL-I
HHA(EY Lab)
HHA
Epa1-Np mutant E227A
Epa1-Np mutant E228A
Epa1-Np mutant E229A
PhoSL(Dot)
WGA-Alexa
CA19-9 Ab(HGC)
Avalon-EC
SBL
SBT
DC-ASGPR shoot
Jo-FBP2
hGal-1-488(Vacam)
#8 Lewis B (Y2216)
SSL7-488
MOA
VGA(EY UEA)
SJA
SJL
MGL PA-Sal
MGL 6A-Fast
DSL
DSS
GNL
GSII-2
PHA-E
PHA-L
P11 VFA
HPA
EAA
ELA
CGB
CCA
WGA
MAL-I
MAL
MAA(Seikagaku)
VVL
MPL
MOA
Thrombin
SNA
Epa1-Np mutant Y228V
Mono1-CNL
CML
BAA-488
CA19-9 (EY Lab2)
CA 19-9 (EY Lab1)
GSII-B4
GSII-B4
AOL(Vector) 425
Sp Serotype 4-118
Sp Serotype 1-118
PNA-APN_B11
#14 Sialyl Lewis X (Calbio)
GS-II (EY Lab)
ABA
#15 Sialyl Lewis X (EC)
Mono2-CNL
HML-Native
ABA
GNA
CSA(EY Lab)
AFCNDA
ME5(detected with a-HUD)
ME7(detected with a-HUD)
Mono2W-PNL
CnNL
PNL
FSSC
Anti-LGR
PSA
PHA-E
PHA-L
Mouse NKR-P1c
VLRB aGPA-28
VLRB.152
Mouse Galectin1
WGA
rNV VLP-CX3
rNV VLP-CX2
Galectin-1
CEA
BTL native
PHA-E
Con A
GAP-1
human GAP-1
WGA(Seikagaku Bio)
VVHA recell
CC1G-L0077
Human Galectin1
mouse Galectin7
WGA
WGA mutant
RCAI (Vector)

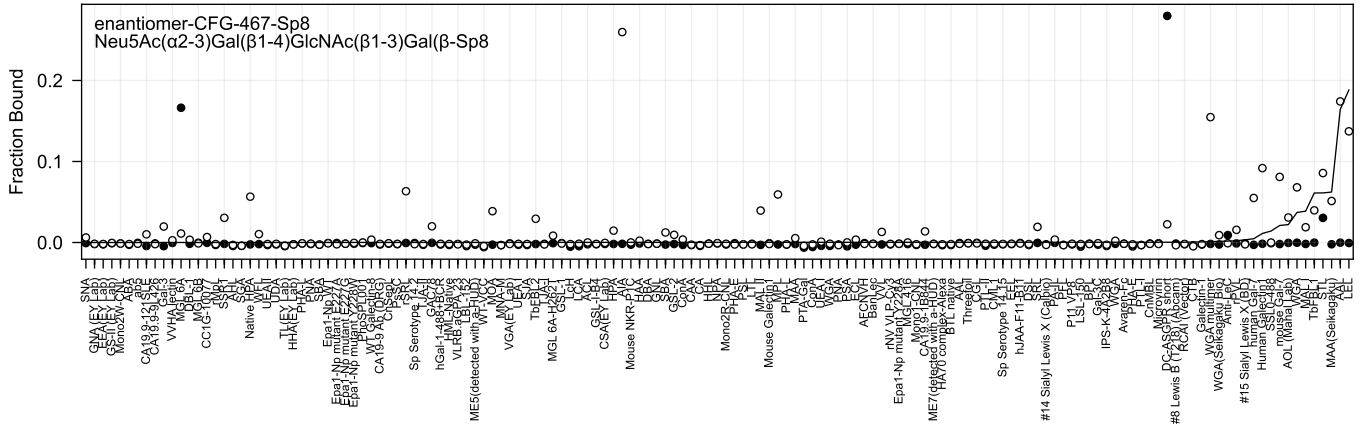

enantiomer-CFG-461-Sp21
Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[GlcNAc(β1-4)][Gal(β1-4)GlcNAc(β1-4)[Gal(β1-4)GlcNAc(β1-2)]Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp21
Fraction Bound
0.0
0.2
0.4
0.6
AOL (Mahal Lab)
SNA
Lectin
JFS-K-44-288
CA19-9-Sialyl-288
MSLN-288
Sialyl
AHL
ABA
Lectin
Native LPA
UDA
TL(EY Lab)
SBA
PTL-I
PVL
GSII (EY Lab)
HHA(EY Lab)
Epa1-Np mutant
Epa1-Np mutant
Epa1-Np mutant
Epa1-Np mutant
SP2/0
SPR
Sp Serotype 1
WGA 1-4-18
hGal-1-488
#14 Sialyl Lewis X (Calbio)
#8 Lewis B (12 BM Chemo)
VLRB.aGFP
VLRA.aGFP
MVN
WGA(EY Lab)
SBA
PNA
PTA
Bast
hJAM-FL-Fc
Mouse PH1 V28
PH1 V28
GSII
DBA
UEA
LEA
WFL
CAA
LCA
MPL
MPH
GNL
MAA(Seikagaku)
MAL
MAA
MOA
MOB
Microvirin
WT Microvirin
CA19-9 Antibody
CA19-9 Antibody
GSII
Sp Serotype 1
Sp Serotype 2
DBL-1
CVN
AFL
CA19-9-TBM44
MGL BA-H2821
PCL
SSL-HA38
Avaren-Fc
WT-VCC
Tb-BAL
#15 Sialyl Lewis X (BioLegend)
Epa1-Np mutant
PSA
PCA
PCA
UEA1
GNA-FL-Fc
CA19-9-FL-Fc
LSL-150
Fas
NPA
WGA(Seikagaku)
Bjo
Gliadin
Gliadin
Gal-3C
rNV VLP
CTB
Bpu-SE
Mon2
HA70 complex
Mon2K-SJA
WGA mutant
CSA(EY Lab)
GAC
Mono2W-SJA
DC-ASGPR short
ME7(detected with anti-HLD)
Anti-HLD
BTL native
VGSK
Galectin-1
ME5(detected with anti-HLD)
Mouse Galectin
LBL-124
Epa1-Np VLP
Mock
human Galectin-1
VVHA lectin
CC1G-10037
Cn Galectin
mouse Galectin-7
Human Galectin-1
pAcGFP
WFL
RCAI (Vector)

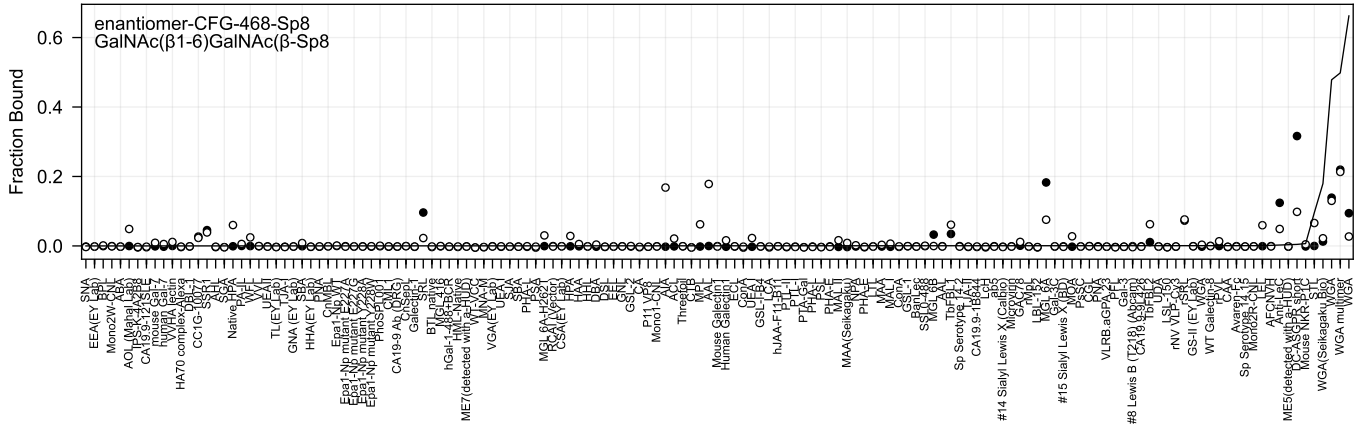

enantiomer-CFG-462-Sp21
Gal(β1-4)GlcNAc(β1-6)[Gal(β1-4)GlcNAc(β1-2)]Man(α1-6)[GlcNAc(β1-4)][Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(-Sp21
Fraction Bound
0.0
0.2
0.4
0.6
0.8
SNA
BNA
PNA
PTA
SBA
PTA-Bact
FSA
WFA
VVL
MAA
CA19.9-FITC
MAA
LSL (EY Lab)
MAA(Seikagaku)
LSL (Vector)
SBA
TJA-I
Mcn
MGL 6B
AOL (Mahal Lab)
TbF-BT
TJA-II
GS-II (EY Lab)
GNA (EY Lab)
UEA-I
UDA
TL(EY Lab)
EEA(EY Lab)
SSLL-Lab
VLRB.aGPA
GSL-I B4
GA
Sp Serotype 14-125
Sp Serotype 14-18
MGL C16
WGA
AAL
Avaren
PhoSL (Vector)
Epa1-Np mutant E272Q
TSL
TbF-EC
Ban
Lec
CAA
CGA
GSL-I A4
GSL-I
GNL
PHA-E
IPS-K-A2B8
IPS-K-A2B8
Epa1-Np mutant Y229Q
HHA(EY Lab)
MGL 6A
MOA
CA19.9-Alexa
SSA
SSA1
HML-Native
Lewis X (Calbiochem)
MGL 6A-Fc2621
PSL
PTL-I
BPL
CA19.9 Ab (Y229Q)
Epa1-Np mutant Y229Q
HA
HA70 (PR8)
DC-ASGPR-Alexa
DEXT
FAT
FVL
WT Galectin-8
hGal-1-488-6His
hJAA (Tyrelol)
AFN-N-1
rNV VLP
BPL
Native HPA
Gal-C
Mono2C CNL
#15 Sialyl Lewis X
SSL2
Mouse NEP PNC
Mono1C CNL
Mono2V CNL
CSA (CMBL)
Epa1-Np mutant E272Q
Anti-Lec
#8 Lewis B (T218) (Abnova)
pH1 OBA
ME5(detected with a-HUD)
ME7(detected with a-HUD)
WGA
PHA-E
STL
BTL
Mouse Galectin-1
Galectin-1
Galectin-3
LSL-124
Epa1-Np (OD)
WGA(Seikagaku)
WGA(Bio)
human Gal-7
mouse Gal-7
MSL
VVHA (Ion)
VVHA (Vector)
Human Galectin-1
ECL
CC1G-10677
mouse Gal-7
WFA
PWA-L
RCA I (Vector)
WGA multimer

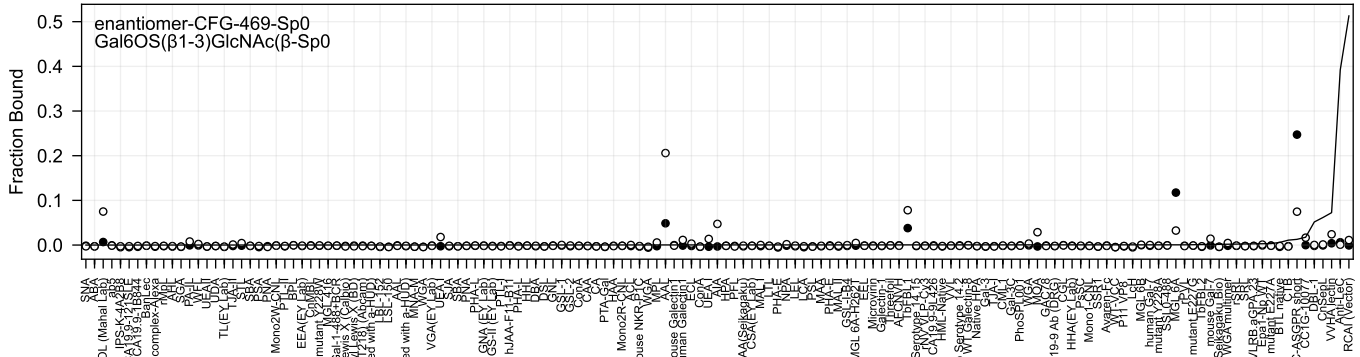

enantiomer-CFG-463-Sp21
Gal(β1-4)GlcNAc(β1-6)[Gal(β1-4)GlcNAc(β1-2)]Man(α1-6)[GlcNAc(β1-4)][Gal(β1-4)GlcNAc(β1-4)[Gal(β1-4)GlcNAc(β1-2)]Man(α1-3)]Man(β1-4)GlcNAc(β
Fraction Bound
0.0
0.2
0.4
0.6
SNA
ABA
ABA
BaSI_ex
MGL_ex
DSL-A
PA-I
PA-II
UEA-II
TL(EY Lab)
PNA
PTA
PTA-I
MAA(Seikagaku)
EEA(EY Lab)
MAA
GNA (EY Lab)
PHA-P
PhoSL
CA19-9 Ab (ORGS)
SBL
SBL
Sp Serotype 14
Sp Serotype 23F
#14 Sialyl Lewis X (Calbio)
#8 Lewis B (1216 Sigma)
SSA (Calbio)
SSA (Sigma)
MAA(EY Lab)
VGA(EY Lab)
SBA
HHA(EY Lab)
NPA
MGL 6A-H-B11
NAA-F11-B11
OAA
OBA
PFL
HA
HA
Mouse NKR-P1C
CHA
CHA
GNL
GSL-I B4
WGA
UDA
VLRB.aGD2
CA19-9-PASG10
Epa1-Np mutant E22G
ZOS
CA19-9-Lactate
CA19-9-Lactate
HML-Naive
Sp Serotype 19A
AE CN-V1
UCA
UCA
CA19.9-sLe
PDL
Epa1-Np mutant E222A
MUC2(EY Lab)
UEA1
rNV VLP
PST
GNL
TbFBP
PSA
MGL
Epa1-Np mutant Y228A
IPS-K-A2288
Epa1-Np mutant Y228A
WVA(Galectin)
WAL
LSL
PHA-P
Native-HA
Native-HA
CasX
CasX
NOX
#15 Sialyl Lewis X (Calbio)
DC-ASGPR short
ChiNE
MPV
AOL (Mana Lab)
MPV
WGA mutant
WGA
SBA
Epa1-Np mutant Y228A
Mono28-CONC
Mono21-CONC
Mono1-CONC
Mono3-CONC
WGA(Seikagaku)
Bcl
TAL
HA70 complex-AGE1
Thrombol
Alpha-Gal
PHA-E
SNA
SNA
BTL native
PCA
PCA
BP
CSA(EY Lab)
Galectin-1
VSL
ME7(detected with a-HUD1)
ME5(detected with a-HUD1)
Mouse Galectin1
Cap2
Cap2
LBL
VVA-HA legin
Epa1-Np 70
human Galr7
PNA
PNA
FCT
FCT
PNA
CC1G-10007
mouse Galr7
Human Galectin1
WFL
RCAI (Vector)

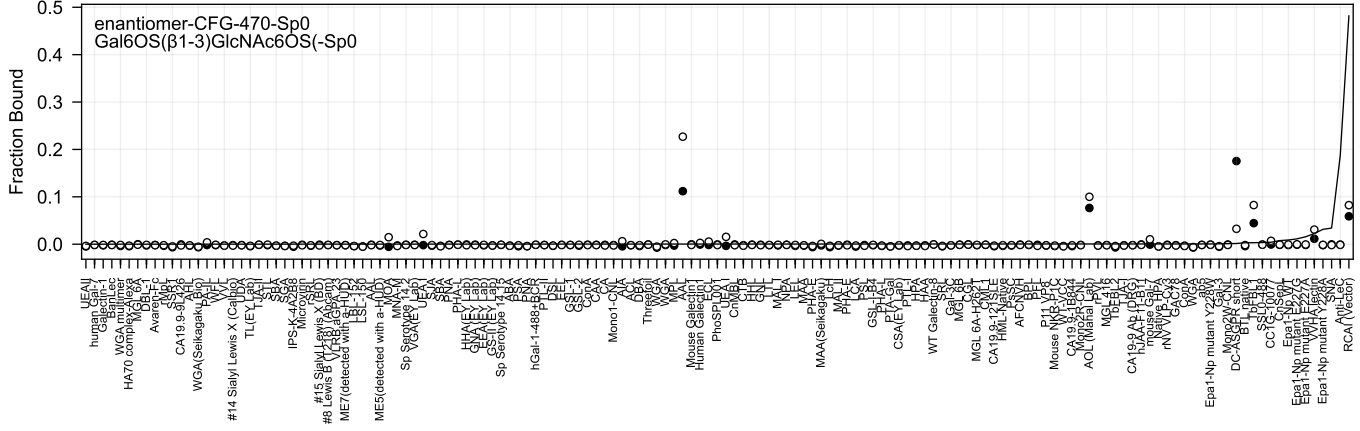

enantiomer-CFG-465-Sp10
Gal(β1-4)Gal(β-Sp10
Fraction Bound
0.25
0.20
0.15
0.10
0.05
0.00
SNA
Barley
MS-BB
SBT
SJA
UDA
LOA
TJA
SJL
SBA
PNA
PTA-Cell
BSL
PHA-L
MAL-II
Galectin-3
MAA(Sekiguchi)
Microvoin
PhoSL Bot1
WT Galectin-8
#15 Sialyl Lewis a (Sp10)
VVL-B4
LEL
TEL-126
WT-Lec
MOA
MVA
WGA
VGA(EY Lab)
UEA(EY Lab)
SBA
SBA
GS-II (EY Lab)
PA3
MGL 6A-H2621
GSL-I
WGA
WGA
CVN
CVN
EEL
ACL
ACL
DSA
GSL-I
ECL
ECL
UEA1
UEA1
GSL-I B4
LEL
NPA
HPA
HAA
AFSGNH
GNA
GSL-I
GSL-I
Epa1-Np mutant E224A
EPA
HA70 complex (Alexa
TULEC MP1
CA1 (Man 1-3)Glc
Man 1-3)Glc
Mouse NA(Cam)
#8 Lewis b (Sp10)
DSA(EY Lab)
DSA(EY Lab)
EEA(EY Lab)
EEA(EY Lab)
SPS
Serotype 1-15
Mouse Galectin-1
Mouse Galectin-3
Epa1-Np mutant Y226G
CA1 (Man 1-3)Glc
CA1 (Man 1-3)Glc
SSL1-148
Mouse Galectin-9
WGA(Sekiguchi)
hJAA-F11-1
#14 Sialyl Lewis X (Calbio)
GNA (Typeso)
Mono2Vc-CRD
PHA-E
TBP-B1
TBP-B1
SNL
SNL
MGL
LCA
LCA
CGA
CGA
Epa1-Np mutant Y226A
Epa1-Np mutant Y226A
SBL
SBL
AOL (Mahal Lab)
Galectin-1
Galectin-3
[NK-X1]-Lec3
mouse Gal-7
human Gal-7
PTA-1
Epa1-Np-WT
CSA(EY Lab)
PAL
WFL
WGA mutant
TBP-B2
UEA1
Mouse Galectin-7
ME5(detected with a HUD)
ME7(detected with a HUD)
RCA(EY Lab)
RCA(Calbio)
CCA(Gp-70077)
VVL(EY Lab)
Lectin-II
DBL
BTL
Human Galectin-1
Anti-Lec
Native HPA

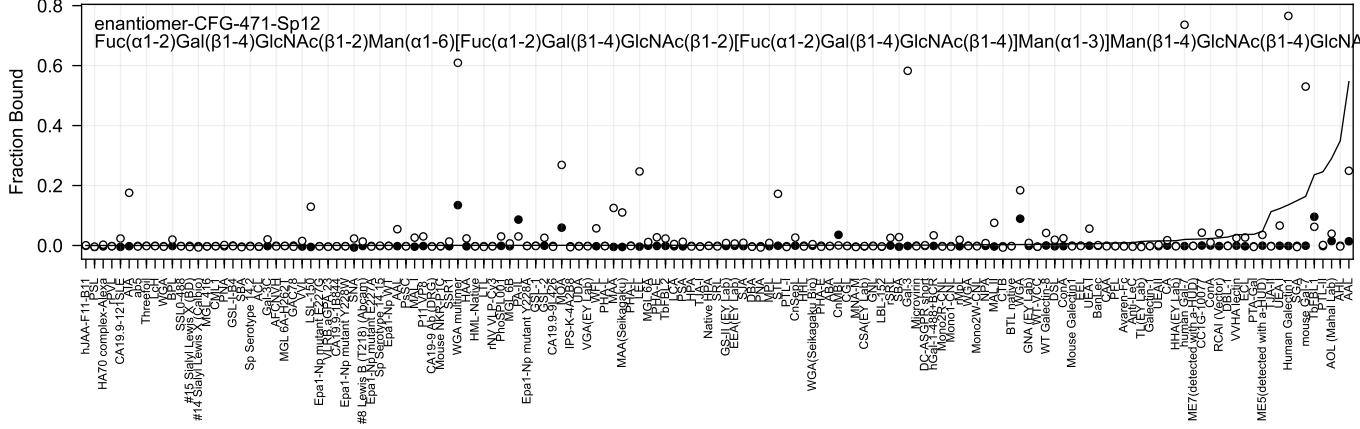

enantiomer-CFG-466-Sp10
Gal(β1-6)Gal(β-Sp10
Fraction Bound
0.20
0.15
0.10
0.05
0.00
SNA
SNA
HPA
LEA
SBA
PNA
PHA
CA19.9-12
SLE
HA70 complex
Xeka
MGL-588
MAA(Seikagaku)
WGA(Seikagaku)
BPL(Lab)
WFL
LCA
PTA
PTA-Gal
PJA
TL(EY Lab)
ESA
SSA
VGA
VGA(EY Lab)
VFL
GSL-I
CrTL
CrTL
PhoSL(OG)
CA19.9
Ab (DRG)
Human Galectin-1
PSL
MEL
VGA
Sp Serotype 9
VGA
WGL-416
#14 Sialyl Lewis X (Kojaku)
TJA-II
#8 Lewis B (T218) (Abcam)
LBL-282
Monomer
WFL-CGL
PCL
CGL
CGL
GSL-2
PNA
Mouse NKR-P1C
SSR1
Sp Serotype 1
TJA-I
hJAA-F11-B11
Galectin-1
GNL
PVL
PVL-II
#15 Sialyl Lewis X
AAL
Monomer
Monomer
HML
PSL-II
HML-II
rNV VLP
NPA
CVN
CVN
MAA
GNA (EY Lab)
AFCNP1
AFCNP2
mouse Galectin-9
VSA
CA19.9-9
PHA-E
MGL-6A-L(CBST Lab)
EEA (EY Lab)
MPA
PPA-II
GS-I(EY Lab)
VLRB.aG.25
BSL
GAC-68
ACL
WT Galectin-8
Epa1-Np mutant E227Q
Avaren-1-C
GSL-I
LEL
BPL
PCL
CGL
CGA
CGA
Thy-1
hGal-1-488
SSL2-488
CSA(EY Lab)
DBA
Epa1-Np mutant Y228W
Epa1-Np mutant Y228W
IPSA-1
ABA
MAL
MAL
Native HPA
CA19.9-1644
CGL
Mouse Galectin-1
SBL
Epa1-Np mutant E227A
LSL-150
AOL (Mama-Gal)
hJAA-F11-B11
GSL-I-B4
SNA
SRL
HHA(EY Lab)
CTB
CTB
Epa1-Np mutant Y228A
p11
VP4
BTL native
WGA Dimer
CCL2-10077
CCL2-10077
ME7(detected with a-PAL)
DC-SIGNR-S10
Epa1-Np WT
Epa1-Np WT
RCA(Vector Lab)
RCA(Vector Lab)
ME5(detected with a-PAL)
VVHA lectin

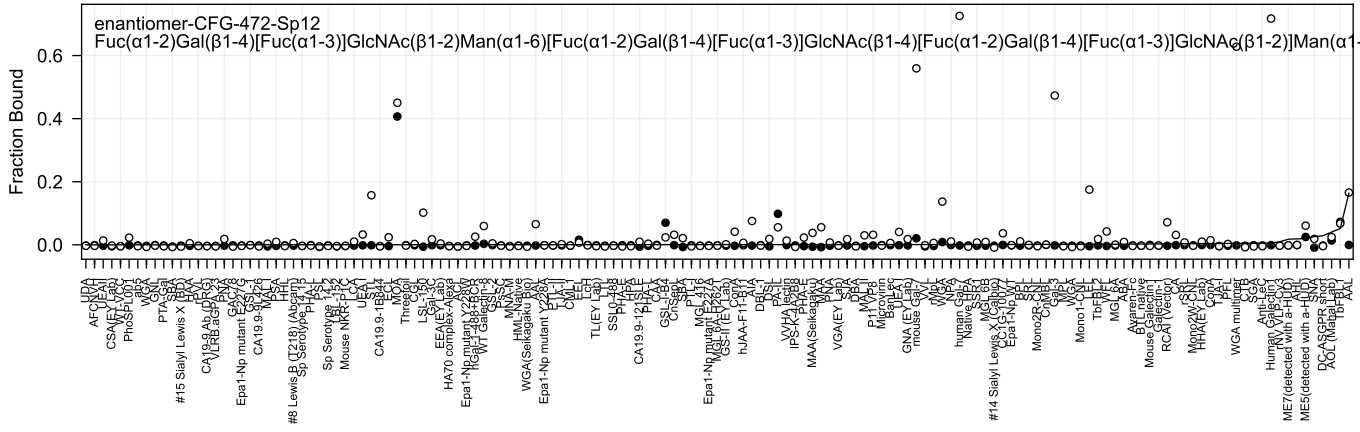

enantiomer-CFG-467-Sp8
Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-3)Gal(β-Sp8
Fraction Bound
0.2
0.1
0.0
SNA
GNA (EY Lab)
EEA (EY Lab)
GSL-I-B4
Mono2W
ORL
ABA
CA19.9-125
CA19.9-35
SLE
Gal-3
VVA
Lectin
MAL-I
CC1
Mono1
SNA-I
SNL
SSA
Native WT
WFL
UEA
U
HHA(EY Lab)
HHA(EY Lab)
PTA-Gal
SBA
Epa1-Np WT
Epa1-Np mutant E227Q
Epa1-Np mutant S226V
WT Galectin-8
CA19.9 Ac(Sigma)
PSA
Sp Serotype 12
GAL-1
hGal-14(481-BCR)
VLRB-Sp8
TBL-1
ME5(detected with a-RHD)
WT-VCC
MVCA
VGA(EY Lab)
ECA
TbEBA
MGL 6A-H2B21
GSL-I
KCA
GSL-I-B4
CSA(EY Lab)
HPA
Mouse NKR-P1
PNA
DBA
SBA
GS-I-A
CAA
Mono2R
NKA
HPA
PHA-E
PHA-L
WAL-1
Mouse Galectin-9
WFL
PNA
MAA
PTA-Gal
UEA
VGA
ECA
ESA
AEONVH
Banlec
rNV VLP-Sp3
Epa1-Np mutant Y227A
MGL2 (EY Lab)
Mono1
CA-125
ME7(detected with a-RHD)
HA70 complex-Alexa
B.f. LectinIV
AAL
Threonin
PTL-I
Sp Serotype 14-15
PTL-II
hJAA-F11
EST
DSL
#14 Sialyl Lewis X (Cabio)
BPL
PTL-VI
LSL
EBP
IPS-K-4
Galectin-3
WGA
Avarol
PTL-I
Cromwin
MGL(Sigma)
DC-SIGNR short
#8 Lewis B (TACA)
RCA(Vector)
Gnl-1
Galectin-1
WGA(Seikagaku)
WGA mutimer
Anti Pec
#15 Sialyl Lewis X (BDI)
human Gal-7
Human Sialic(184)
mouse Gal-7
AOL (Mahal Lab)
WFA
TbVAL-1
STL
MAA(Seikagaku)
ALL
LEL

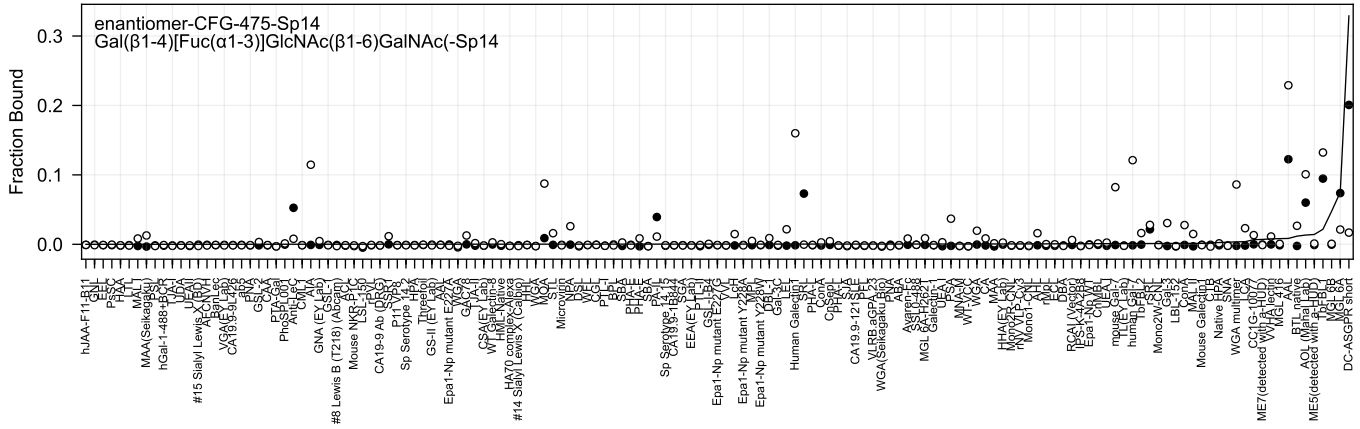

enantiomer-CFG-468-Sp8
GalNAc(β1-6)GalNAc(β-Sp8
Fraction Bound
0.0
0.2
0.4
0.6
SNA
Jacl
BPL
EEA(EY
Jacl
Mono2W
ABA
AOL(Nitral
CA19-12-TSLE
Human Gal-7
VVA lectin
HA70 complex
CBP-1
CC/G-SSG-1
ACL
Native PNA
TKA
TAA
VVL
LEL
TL(EY
Jacl
GNA (EY
SBA
HHA(EY
PNA
Epa1-Np
OnMBL
Epa1-Np mutant E227Q
Epa1-Np mutant E227A
Epa1-Np mutant Y229W
Epa1-Np mutant Y229Q
PhoSCDN(C)
CA19-9 Ab (OncG)
Galectin-1
Galectin-3
BTL
hGal-1-118
hGal-1-128
HMC-naive
ME7(detected with a-Tub)
MVA-N
VGA(EY
Jacl
SJA
SAA
PhA-E1
MGL6A-Hr6SA
RCA(Vector)
CSA(EY
HPA
UEA
DBA
DSL
EEL
GNL
GSL-A
P.H1 UCB
Mono1 UCB
AIA
Threonin
CTB
AAL
Mouse Galectin1
Human Galectin1
ECL
GPA
GSL-IB4
hJAA-F11-B11
PTL-I
PTA-Gal
PFL
PSL
RIC-I
MAA(Seikagaku)
PHA-E
PHA-L
MAL
MAL I
GSL-I
Bau86
SSA(Vector)
MGL-68
Sp Serotype 12.1
TbA-AL
CA19.9-1B54.1
Lch
#14 Sialyl Lewis X (Calbio)
MOR/CHB
MOR/MB
Mpa
MGL-6A
Galectin-7
#15 Sialyl Lewis X
NPA
PSG
PNA
VLRB.aGP
PFF
Gal-3
#8 Lewis B (T218) (Alpha Diagnostics)
CA19-9-1128
TbA-DA
LSL-150
rNV VLP-C
SRA
GS-II (Vector)
WT Galectin-8
CAA
Avarol-1F
Sp Serotype 12.2
Monl22R Ab
AFO/NTA
Anti-LBC
ME5(detected with a-Tub)
DCA(SCBR Sigma)
Mouse NKR-P1C
WGA(Seikagaku)
Bio
Vector
WGA mutant
WGA

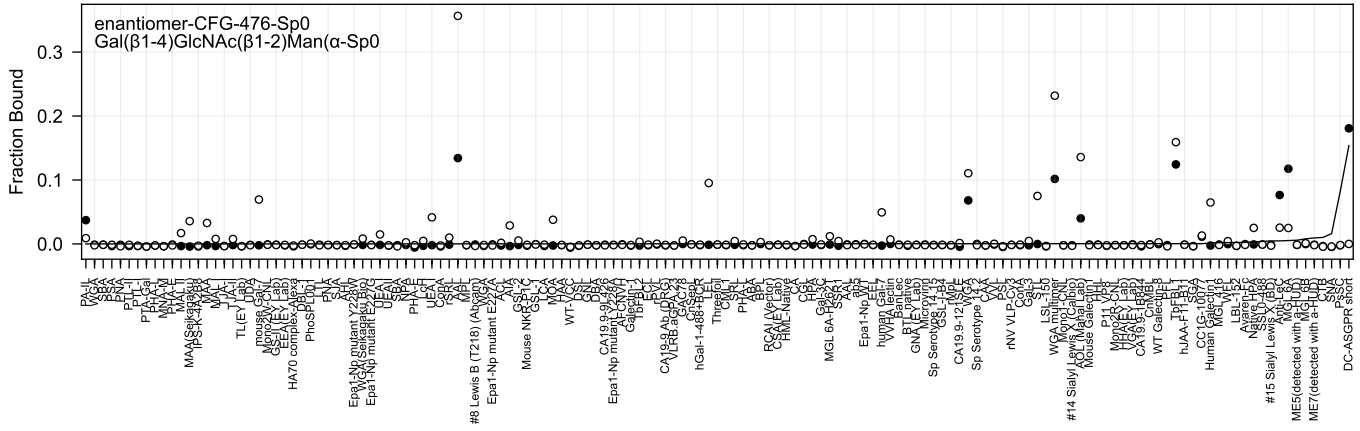

enantiomer-CFG-469-Sp0
Gal6OS(β1-3)GlcNAc(β-Sp0
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
SNA
SNA
AOL (Mahal Lab)
AOL
IPS-1-4-A
PSB
CAA13-1-B5-E4
BanLec
HA70 complex-Mab
ASL
ASL
PAL
UEA
UEA
TL(EY Lab)
TL
SBA
SBA
PNA
PNA
Mono2W-CNI
PNA
Bp-I
EEA(EY Lab)
EEA
Epa1-Np mutant Y298A
Y298A
#14 Sialyl Lewis X (Calbio)
#15 Sialyl Lewis A (Calbio)
#8 Lewis b (Calbio)
ME7(detected with anti-HOD)
LSL-1-B5
LSL-1-B5
AAL
MNA(EY Lab)
MNA
VGA(EY Lab)
VGA
UEA1
UEA1
SBA
SBA
PNA
PNA
PL(EY Lab)
PL
GNA (EY Lab)
GNA
GS-II (EY Lab)
GS-II
hJAA-F
hJAA-F
HL-1
HL-1
DBA
DBA
GNL
GNL
GSL-1
GSL-1
CON
CON
CA
CA
PTA
PTA
Mono2R-CNI
Mono2R-CNI
Mouse NKR-P1C
NKR-P1C
WGA
WGA
AAL
AAL
Mouse Galectin-1
Galectin-1
Human Galectin-1
Galectin-1
ECL
ECL
OEA1
OEA1
HA
HA
PHL
PHL
MAA(Seikagaku)
MAA
CSA(Seikagaku)
CSA
MAL
MAL
PHA-E
PHA-E
NEA
NEA
LCA
LCA
PSA
PSA
MAS
MAS
RIA(A+H)
RIA(A+H)
GSL-I-B4
GSL-I-B4
MGL 6A-Fc
MGL 6A-Fc
PEL
PEL
Microcrystalline Cellulose
Microcrystalline Cellulose
Cellulose
Cellulose
Liposome
Liposome
ATCH
ATCH
Sp Serotype 1-4-13
CA19-9-Sp-1-4-13
CA19-9-Sp-1-4-28
HML-Naive
HML-Naive
Sp Serotype 1-4-2
Sp Serotype 1-4-2
WGA-Naive
WGA-Naive
Gal-3
Gal-3
CML-1
CML-1
PhoSpA
PhoSpA
WGA
WGA
GAL
GAL
CA19-9 Ab (DBGT)
CA19-9
HHA(EY Lab)
HHA
Mono7-CNI
Mono7-CNI
SSB1
SSB1
AvaEV(CE
AvaEV(CE
p11 VCE
p11 VCE
MGL 6B
MGL 6B
Epa1-Np mutant Y298A
Y298A
SSL-1-B8
SSL-1-B8
Epa1-Np mutant T298A
T298A
Epa1-Np mutant T298A
T298A
WGA(Seikagaku)
WGA(Seikagaku)
mouse Gal-7
mouse Gal-7
SBL
SBL
VLRB.aGP-1
VLRB.aGP-1
Epa1-Np mutant T298A
T298A
Epa1-Np mutant T298A
T298A
BTL native
BTL
DC-ASGPR
DC-ASGPR
CCTB-DM-1
CCTB-DM-1
OSegl
OSegl
VVA
VVA
RCA
RCA
RCA(Vector)
RCA(Vector)

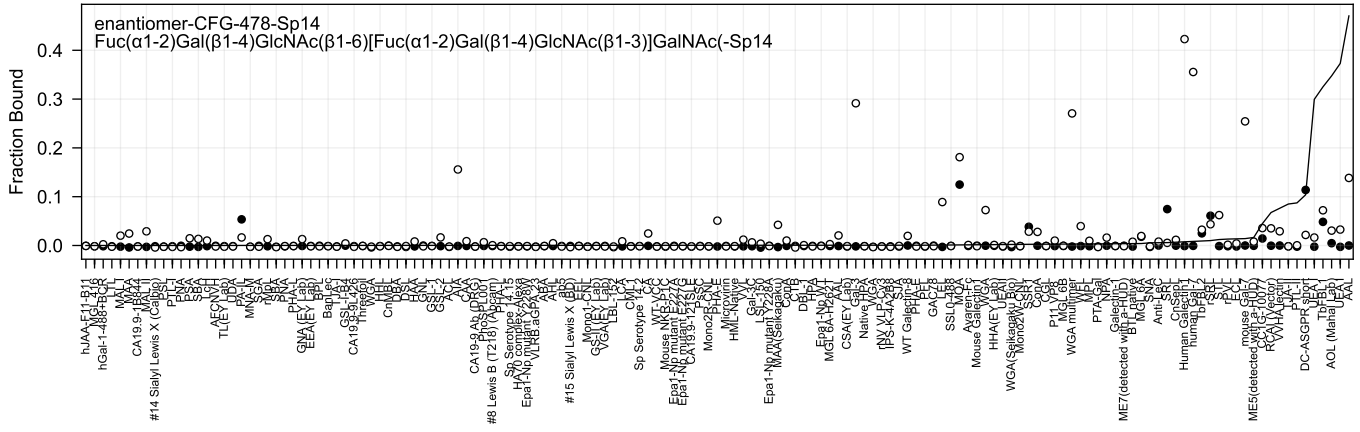

enantiomer-CFG-470-Sp0
Gal6OS(β1-3)GlcNAc6OS(-Sp0
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
UEAII
human Gal
Galectin-1
Galectin-3
WGA multimer
HA70 complex
VVA
Avarol
DBL-1
SSA
ACA
CA19.9-SSA
ACA
WGA(Seikagaku)
WFL
TJA-I
#14 Sialyl Lewis X (Calbio)
TL(EY Lab)
TJA-II
SBA
SSA
IPS-K-ASSA
Microvigin
#15 Sialyl Lewis X (BD)
#8 Lewis B (Calbio)
ME7(detected with sialyl-LD)
LSL-155
ME5(detected with a-MD)
MAA-II
Sp Secretory
VGA(EY Lab)
UEA
SBA
BPA
PHA-L
HHA(EY Lab)
GNA(EY Lab)
GEA(EY Lab)
Sp Secretyle 1 (Lab)
ABA
PNA
hGal-1-488-pr
PSL
DSL
GSL-1
GSL-2
CGA
CAA
Mono1-CGA
AIA
DBA
Thrombin
WGA
WAL
Mouse Galectin1
Human Galectin1
ECL
PhoSPLA1
CholB
CTB
GNL
MAL
NEA
PWM
MAA
PHA-E
PSA
GSL-I-B4
PTA-Gal
CSA(EY Lab)
HPA
LTA
WT Galectin-8
SSL
GalA
MGL-8B
MGL 6A-H-Post
CA19.9-12-Post
HML-Native
AFCS-SST
BPL
F11-VPE
Mouse NK8-PDC
CA19.9-1B244
AOL(Mabtech)
PNA
MGL-8B
CA19.9 Ab (DHG)
HAA-I-B11
Human CHA
rNVV LP-C48
GorA
VIA4
Epa1-Np mutant Y228W
Mgp20W-CAN
DC-ASGPR short
CFR short
BT-B1
Epa1-Np mutant E227A
Epa1-Np mutant Y228A
Epa1-Np mutant Y228A
Epa1-Np mutant Y228

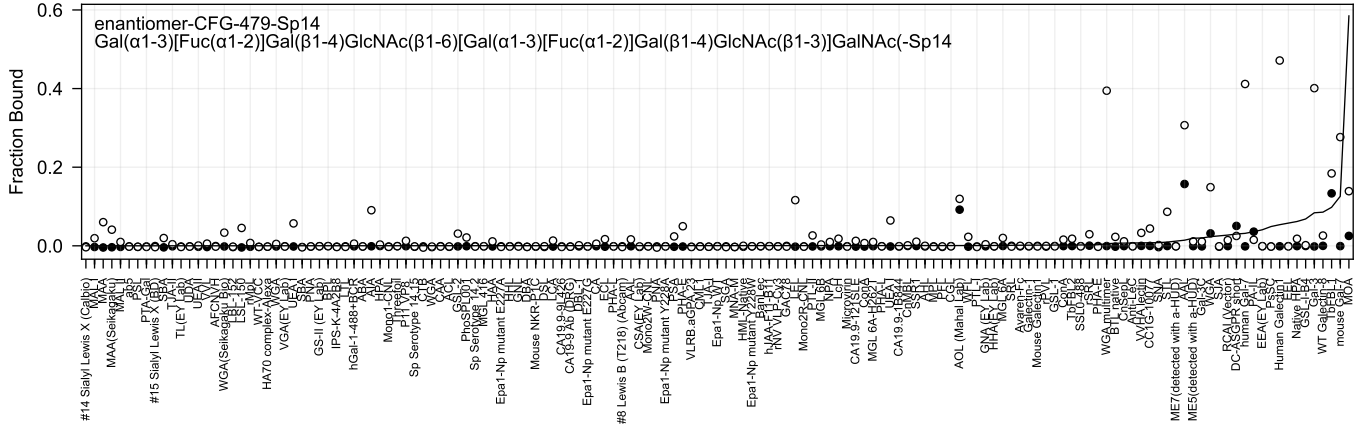

enantiomer-CFG-471-Sp12
Fuc(α1-2)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Fuc(α1-2)Gal(β1-4)GlcNAc(β1-2)[Fuc(α1-2)Gal(β1-4)GlcNAc(β1-4)]Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNA
Fraction Bound
0.0
0.2
0.4
0.6
0.8
hJAA-F11-B11
BSL
HA70 complex-Alexa
CA19.9-12TSLE
AIA
Threitol
WGA
SSL
#15 Sialyl Lewis X (BD)
#14 Sialyl Lewis X (Calbiochem)
MGL
DAL
GSL-I-B4
SBA
Sp Serotype 2
ACL
AF-CEA-01
MGL 6A-D6E4
GNL
VVL
Epa1-Np mutant E229Q
Epa1-Np mutant E229A
Epa1-Np mutant Y288W
SNA
#8 Lewis B (T218) (Abcam)
Epa1-Np mutant E229A
Sp Serotype 1
Epa1-Np WT
ASL
MAL
PNA
CA19-9 Ab
Mouse NK-92-CD16
WGA mutant
HML-hHIKA
NV LPS-001
PhoSL-001
MGL 6B
Epa1-Np mutant Y288A
GSL-I
CA19.9-1126
IPS-K-4-A08
VGA(EY Lab)
WFL
PNA
MAA
MAA(Seikagaku)
PHA-E
PHA-L
MGL 6C
TcFB-L2
PCA
TJA-I
TJA-II
Native HEA
SAL
GSL-II (EY Lab)
EEA(EY Lab)
DBA
PWA
RCA
SJA
STL
CnSL
THL
WGA(Seikagaku)
PHA-E
CrCA
ABA
OAL
CSA(EY Lab)
MVA(EY Lab)
GNL
LBL
SBL
GSL-I
GAL3
Galectin-3
DC-SIGN-Fc
Mouse galectin-9
Raji-1488-BCR
Mono25-CNL
Mono1-CNL
Mono2W-CNL
NPA
MOA
CTB
BTL (Vector)
GNA (EY Lab)
WT Galectin-3
Galectin-1
CGL
Mouse Galectin1
UEA1
Banlec
PEL
Avarom-Fc
TL (EY Lab)
Galectin-7
HHA(EY Lab)
human Galectin-8
ME7(detected with a-TDO)
CGL2
ConA
RCA I (Vector)
VVHA (Vector)
PTA
PTA-Gal
ME5(detected with a-TDO)
UEA1
Human Galectin-4
SGA
mouse Galectin-1
TL-I
TL-II
AOL (Marine Lab)
AAL

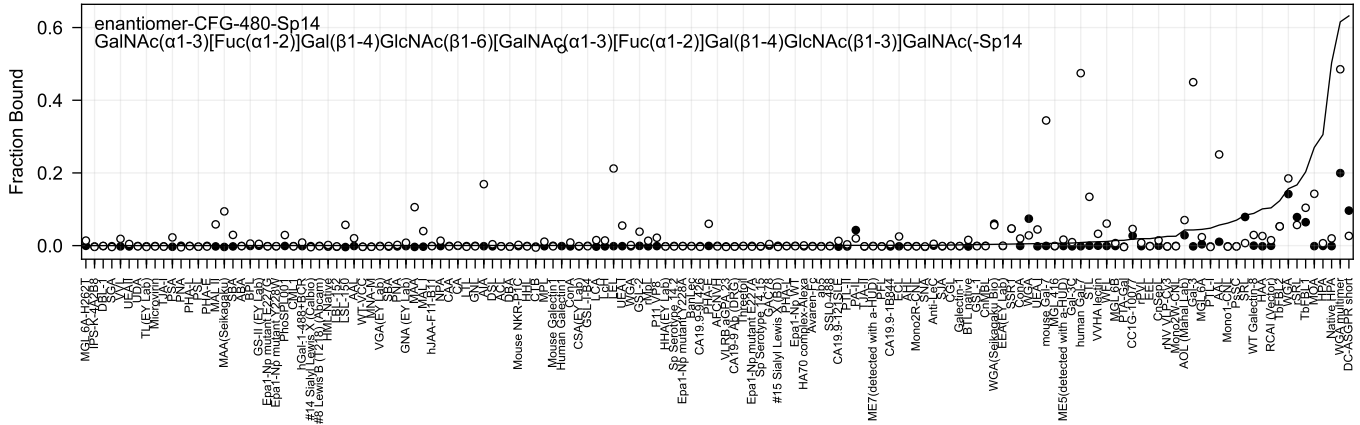

enantiomer-CFG-472-Sp12
Fuc(α1-2)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-2)Man(α1-6)[Fuc(α1-2)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-4)[Fuc(α1-2)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-2)]Man(α1-
Fraction Bound
0.0
0.2
0.4
0.6
UDA
AFC(EY Lab)
UEA1
WT-VGP
CSA(EY Lab)
PhoSPLDB1
WGA
PTA
WGA
Gal1
#15 Sialyl Lewis X
LEA
SBA
CA19-9 Ab (ORG)
VLRB aGP
PNA
GAL4
Epa1-Np mutant E255-Q
GAL8
CA19-9-Ab
HPA
PSA
HIL
#8 Lewis B (T218) (Abs)
Sp Serotype-14 19
PHA-L
PSL
Sp Serotype 14
Mouse NKR-P1C
UEA1
SJA
CA19.9-1BBC
MOA
Thrombin
LSL
Galectin-1
EEA(EY Lab)
HA70 complex-Alex
Epa1-Np mutant E255-Q
RCA
WT Galectin-8
GSL-I
HMA
WGA(Seikagaku)
Epa1-Np mutant Y298A
ENL-1
CON-A
EEL
TL(EY Lab)
SSL-188
PHA-E
CA19.9-12
SLE
PCA
GSL-I-B4
CNSBA
PNA
MGL-1
Epa1-Np mutant E255-Q
GSL-I-B4(EY Lab)
CGA
hUAA-F1
LTA
DSL
PAL
VVA
IPS-A
KSB
PHA-E
MAA(Seikagaku)
PNA
VGA(EY Lab)
SNA
SPA
MPA
Ral1
Ral1 VP8
Ral1 mutant
Bap-EEA
GNA (EY Lab)
mouse Gal-7
Gal-7
MPL
WGA
WGA
human Gal-7
Native SPA
#14 Sialyl Lewis X
MGL-B8
CS-1(G-7D07)
Epa1-Np
PCT
SRL
Mono2R-Combo
Gal-3
WGA
Mono1-Combo
TdFBP
MGL-EA
Avanex-EA
BTL native
Mouse Galectin-1
RCAT (Vector)
Mono2W-Combo
SRL
HHA(EY Lab)
CGA
PFL
WGA multimer
SGA
Anti-Epo
Human Galectin-1
NV VLP-C05
ME7(detected with a-HIS)
ME5(detected with a-HIS)
DC-SIGPR short
AOL (Matrix-EB)
AAL

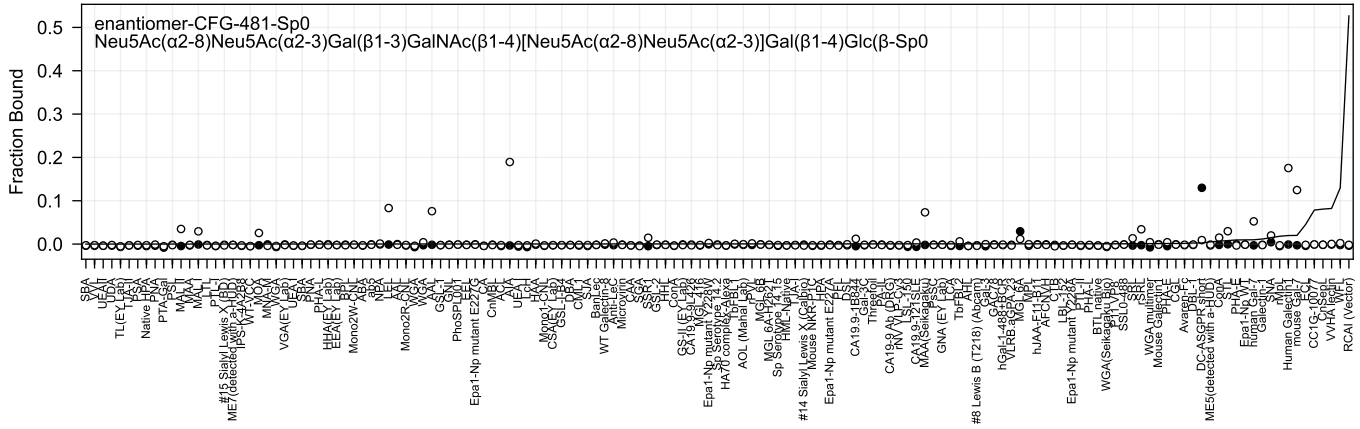

enantiomer-CFG-475-Sp14
Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-6)GalNAc(-Sp14
Fraction Bound
0.0
0.1
0.2
0.3
hJAA-F11 B11
GNL
EEL
PHA-E
PHA-L
MAL I
MAA(Seikagaku)
hGal-1-488+BCF
UEA I
UEA I
#15 Sialyl Lewis X (CA)
VEA I
BanLec
VGA(Lab)
CA19-9 Ab 2/3
PNA
GSL-I
GSL-I
RTA
PhoSL 001
ACG M1
ACG M1
GNA (EY Lab)
GSL-I
#8 Lewis B (T218) (Abcam)
PSA
Mouse NS1 P15
PSL
CA19-9 Ab (BSS7)
PSL
P11 VPS
Sp Serotype HEA
TJA I
GS-II (Typeloc)
ACA
Epa1-Np mutant E22A
ACA
GAL
CSA(EY Lab)
WFA (Lab)
HHA(Seikagaku)
#14 Sialyl Lewis X (Calbio)
HA70 complex(Alexa
VSA
VSA
SNA
Microvibrio
VSL
VSL
VGL
VGL
PTL I
PTL I
SBA
SBA
PHA-E
PHA-E
SBA
PSA
Sp Serotype 14 15
CA19.9-1(BSA)
EEA(EY Lab)
GSL-I B4
Epa1-Np mutant E22A
GSL-I B4
Epa1-Np mutant Y28A
Epa1-Np mutant Y28F
Epa1-Np mutant Y28W
Gal-3C
SRL
Human Galectin-1
SRL
PNA
ConA
ConA
CPA
CPA
SNA
CA19.9-12(BSA)
SBE
WGA(Seikagaku)
PNA
ABA
Avarrhoma
SSL1-488
MGL Galectin-1
UEA I
UEA I
MNA-M
WFA
WGA
MOA
MOA
HHA(EY Lab)
NPL
Mono1-CNL
Mono1-CNL
MPL
DSA
RCA(Vector)
Epa1-Np 488
Epa1-Np 488
CNL
mouse Gal-1
hLEC (Galectin-2)
hLEC (Galectin-2)
hGal-1
Mono2W-SNL
Gal-3
LBA
ConA
MAL I
Mouse Galectin-3
CTB
Native SNA
SNA
WGA mutines
CC1G-1002
ME7(detected with Jacalin)
ME7(detected with Jacalin)
MGL 418
MGL 418
AGL (Jacalin)
BTL naive
ME5(detected with Jacalin)
AGL (Jacalin)
TJA II
TJA II
MGL 6X
MGL 6X
DC-ASGPR short

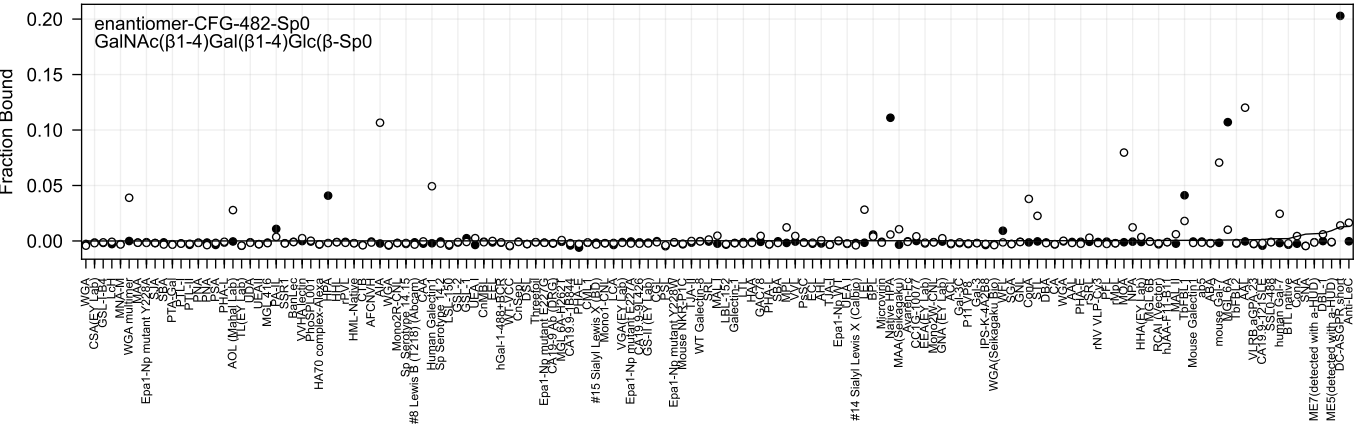

enantiomer-CFG-476-Sp0
Gal(β1-4)GlcNAc(β1-2)Man(α-Sp0
Fraction Bound
0.0
0.1
0.2
0.3
PA-IL
VVA
SBA
SNA
PNA
PTL-I
PTA
PTA-Gal
MNA-M
MAL-I
MAA
MAA(Sekiguchi)
IPS-K-48
MAA
MOA
MAL-II
TJA-I
TL(LEY Lab)
UDA
mouse Gal-7
CSL(LEY Lab)
CEA(LEY Lab)
EEA(LEY Lab)
HA70 complex-Sky
PhosPLD1
PhosPLD1
PNA
ACA
ACA
Epa1-Np mutant Y226W
Epa1-Np mutant E227Q
Epa1-Np mutant E227Q
UEA1
SBA
SBA
PHA-E
PHA-L
UEA1
CoPA
SAL
#8 Lewis B (T218) (Abe)
MPL
Epa1-Np mutant Y226A
Epa1-Np mutant E227Q
ACA
ACA
Mouse NKR-P1C
GSL-I-A
MOA
WT-TGB
DSL
DSL
DBA
CA19.9-Y226A
Epa1-Np mutant Y226A
Epa1-Np mutant E227Q
ACONA
GNA
BPL-1
ECL
ECL
CA18.9-Ab (DRG)
VERA-a (GC-2)
6F-Sialyl-Le
hGal-1-468-Y53K
LEL
Thea(cu)
SNL
SNL
PNA
ABA
BPL
RCA I (Vector Lab)
CSA(LEY Lab)
HIM-Nature
OSL
OSL
Gal-3C
Gal-3C
MGL 6A-Fc(G1)
Fc(G1)
AAL
AAL
Epa1-Np WT
SEL
SEL
hWGA lectin
hWGA lectin
Bam.lec
BTL
Bam.lec
GNA (Vector Lab)
Sp Serotype 12 (1)
Sp Serotype 12 (1)
GSL-I-B4
CA19.9-12(SLE)
CAA
Sp Serotype 12 (2)
CAA
PSL
nNV VLP-GA2
Gal-3
Gal-3
LSL
LSL-Tb1
WGA mutant
WGA mutant
#14 Sialyl Lewis X (Calbio)
Mouse Gal-7 (Lab)
Mouse Gal-7 (Lab)
TKL
P-11
Mono2R-CNL
UEA(LEY Lab)
CA19.9-Fc(G4)
WT Galectin-8
TFL
TFL
hJAA-F11-B11
CC1G-Fc(G4)
Human Galectin1
MGL-WT
WFL
LBL-1-B2
Arthro-Fc
Native HPA
Native HPA
#15 Sialyl Lewis X (dbb)
Anti-Lec
Anti-Lec
ME5(detected with anti-Lu)
MGL-DB
ME7(detected with anti-Lu)
CTB
CTB
PSA
PSA
DC-ASGPR short

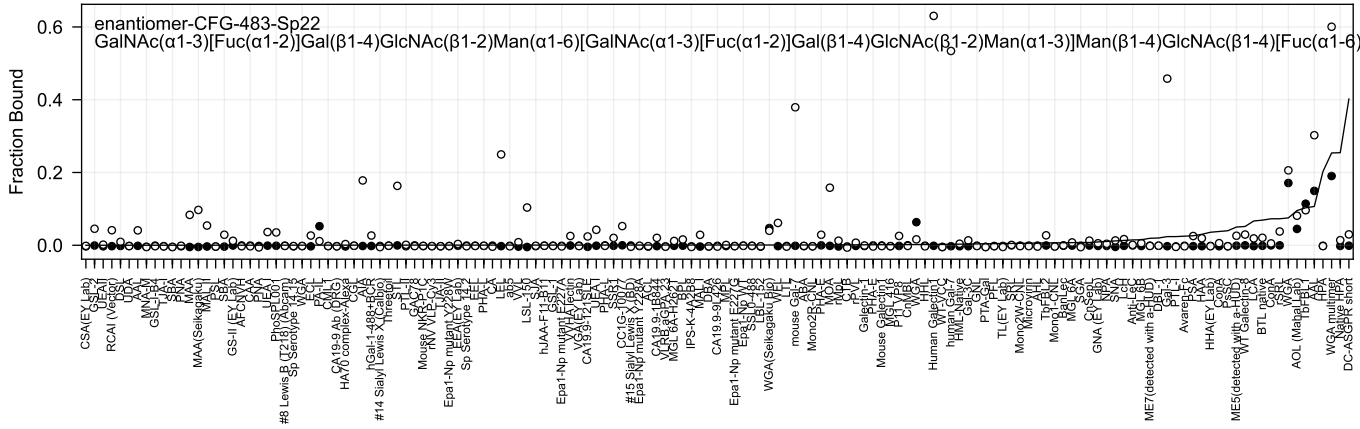

enantiomer-CFG-478-Sp14
Fuc(α1-2)Gal(β1-4)GlcNAc(β1-6)[Fuc(α1-2)Gal(β1-4)GlcNAc(β1-3)]GalNAc(-Sp14
Fraction Bound
0.0
0.1
0.2
0.3
0.4
hJAA-F11 B1
MGL-1 A18
hGal-1-488-BCB
MALL
CA19.9-1 B644
MAL I
#14 Sialyl Lewis X (Cabsu)
PNA
BSA
SBA
AEONYT
TL(EY Lab)
HPA
MAL II
SGA
SBA
PNA
GNA (EY Lab)
EEA(EY Lab)
BPL
Bau Lec
GSL I B4
CA19.9-IgA 426
Tim WGA
Con A
DBA
EAA
SNA
GSL I-2
AIA
CA19-9 Ab (OGA)
CA19-9 Ab (PDO)
#8 Lewis B (T218) (Abcam)
Sp Serotype 1-15
Epa1-No mutant-X-2869
Epa1-No mutant-X-2869
VLRB aGP
ACA
AOL
#15 Sialyl Lewis X (BD)
ERL
Mono1-FITC
GSL I(EY Lab)
VGA(EY Lab)
LEL
Chi A
Sp Serotype 1-2
WT-VGA
Mouse NKB-PTC
Epa1-No mutant E2276
Epa1-No mutant E2276
CA19.9-12-SLE
Mono2-FITC
Mono2-FITC
HAA
Mouse WGA
HML-Naive
Gal-3C
Lec-2
Epa1-No mutant-X-2869
MAA(Seikagaku)
CorB
DBL-1
Epa1-No mutant
MGL 6A-H-2621
CSA(EY Lab)
Native CBA
[NV VLP-VGA]
[PS-K4A288]
PHA-E
PHA-L
WT Galectin-1
GAC-8
SSL-1-BCB
MOA
Mouse Galectin-1
WGA
HHA(EY Lab)
WGA(Seikagaku)
Monoclonal SSL1
VGA
CGA
PNA VGB
WGA multimer
WFL
PTA-Gal
Galectin-1
ME7(detected with β-HD)
BT-Lectin
MGL-8A
Anti-SSL
SSL
Con A
Human Galectin1
human Lec-2
TD-Lec-2
SSL-F
BVY
Fuc-1
mouse Lec1
ME5(detected with β-HD)
CCA (Calbiochem)
RCA (Calbiochem)
VVHA(Jacom)
PVL-I
DC-ASGPR short
PVL-II
TbP-BL1
AOL (Mania UEA)
AAL

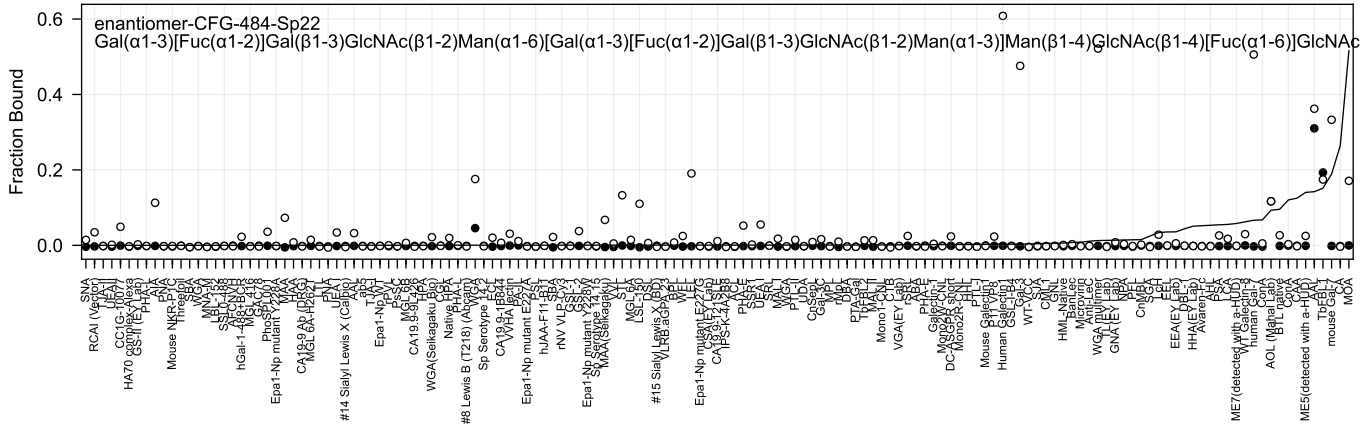

enantiomer-CFG-479-Sp14
Gal(α1-3)[Fuc(α1-2)]Gal(β1-4)GlcNAc(β6)[Gal(α1-3)[Fuc(α1-2)]Gal(β1-4)GlcNAc(β1-3)]GalNAc(-Sp14
Fraction Bound
0.6
0.4
0.2
0.0
#14 Sialyl Lewis X (Carbo)
MAA
MAA(Seikagaku)
#15 Sialyl Lewis X
TL(EY Lab)
WGA(Seikagaku)
HA70 complex
VGA(EY Lab)
GS-II (EY Lab)
hGal-1-488
Mono1-CNL
Sp Serotype 14-15
Sp Serotype 1-15
Mouse NKR-P1C
Epa1-Np mutant E222A
Epa1-Np mutant Y228A
#8 Lewis B (T218) (Abcam)
CSA(EY Lab)
Mono2W-PNA
Epa1-Np mutant Y228A
VLRB.aGPA.23
Epa1-Np mutant
Epa1-Np mutant Y228W
hLAA-Banlec
hNV1-P-23
Mono2-PCNL
MGL 6A-B282T
CA19.9-TEA1
CA19.9-Clone1
AOL (Mahal Lab)
Avarol
Galectin-1
Mouse Galectin-1
TcFB1-2
SSL1-488
WGA
BTL (native)
CVN
CCTG-1-SNA
ME7(detected with a-HA)
ME5(detected with a-HA)
RCA(Vector)
DC-ASGPR sing
EEA(EY Lab)
Human Galectin-1
Native FEA
WT Galectin-3
mouse Galectin-1
MOA

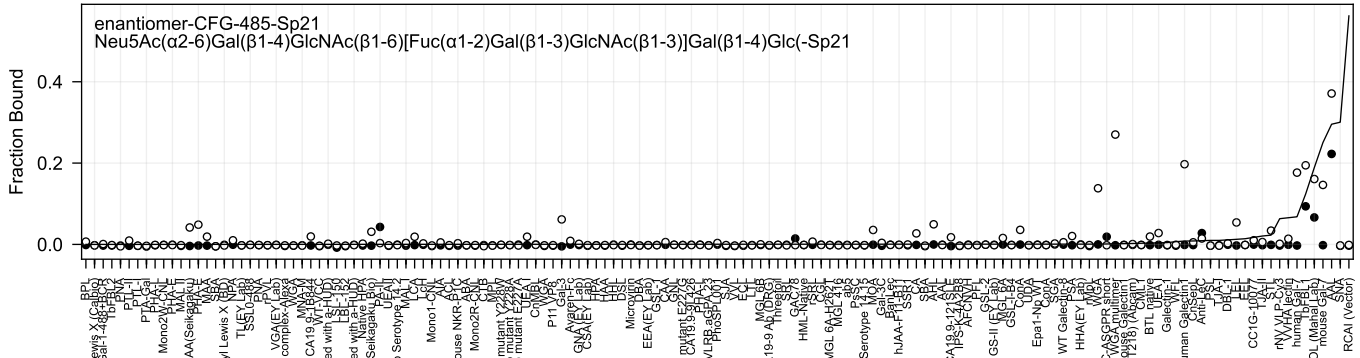

enantiomer-CFG-480-Sp14
GalNAc(α1-3)[Fuc(α1-2)]Gal(β1-4)GlcNAc(β1-6)[GalNAc(α1-3)[Fuc(α1-2)]Gal(β1-4)GlcNAc(β1-3)]GalNAc(-Sp14
Fraction Bound
0.0
0.2
0.4
0.6
MGL-6A (H292)
HPSR-4-2B6
DBL-1
VV
UEA I
TL(EY Lab)
Microvillin
PSA
PHA-E
PHA-L
MAL II
MAA(Seikagaku)
ABA
ABA
GS-II (EY Lab)
Epa1-Np mutant (E229V)
Epa1-Np mutant (E229V)
PhoSL(Vector)
hGal-1-498-BCH
#14 Sialyl Lewis X (Calbio)
#30 Lewis B (TEBU)
HMI-Blanye
LSL-156
WT
ACL
MVA-M
VGA(EY
SBA
PNA
GNA (EY
MAA
MAL I
NPA
CCA
GNT
ZOX
ACL
ACL
DSA
DBA
FUT
MPL
Mouse NKR
Mouse Galectin1
Human Galectin1
CSA(EY Lab)
GSL-I(EY Lab)
LCA
LEL
UEA I
GSL-I
GSL-II
P11
WBA
Epa1-Np mutant
HHA(EY Lab)
Sp Serotype 23A
Ban Lec
CA19.9-Alexa
PHA-E
AGA
VLRB
CA19.9 Ab (DRG)
Epa1-Np mutant (E229V)
Sp Serotype 14-18
#15 Sialyl Lewis X (TEBU)
HA70
HA70 complex-Alexa
Avarol
CA19.9 SSL-368
PHA-L
PHA-E
ME7(detected with a-HOD)
CA19.9-tB844
TKH
Mono2R-CNL
Anti-Lec
SCA
Galectin-1
BTL
CBM-Ve
WGA(Seikagaku)
EEA(EY Lab)
SSA
WGA
VGA
mouse Galectin-1
MGL-616
MGL-1(Vector)
ME5(detected with a-HOD)
Gal-3C
human Galectin-7
VVHA
MGL-1
MGL-68
MGL-68
PNA
CC1G-1(Vector)
TEV
TEV
CoSEL
INV-VM-CK3
AOL (Mahal Lab)
Gal-3
MGL-1
PTL-I
CNL
Mono1-CNL
PSL
SSL-1
WT Galectin-3
RCAI (Vector)
TEBU
TEBU
GSL
TBTB
TBTB
WGA
HPA
Native tumor
DC-ASGPR short

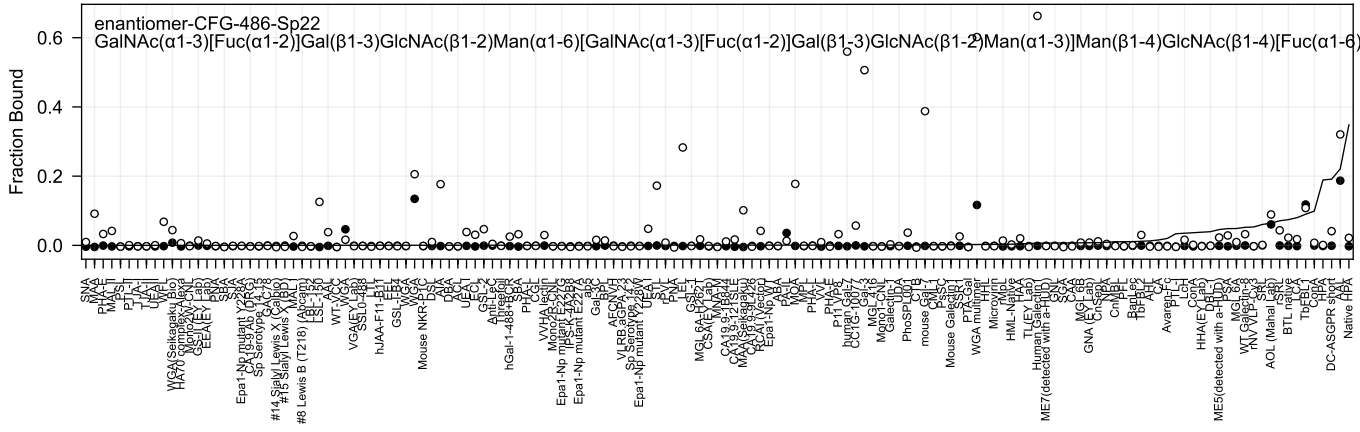

enantiomer-CFG-481-Sp0
Neu5Ac(α2-8)Neu5Ac(α2-3)Gal(β1-3)GalNAc(β1-4)[Neu5Ac(α2-8)Neu5Ac(α2-3)]Gal(β1-4)Glc(β-Sp0
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
SBA
UEA(I)
UEA(II)
TL(EY Lab)
PSA
Native PSA
PTA-Gal
PNA
MPA
MAA
MAL
#15 Sialyl Lewis X-PAA
ME7(detected with a-HUD)
IgM-Y-488
MOG
MVGA
VGA(EY Lab)
SBA
PNA
HHA(EY Lab)
EEA(EY Lab)
Mono2W-488
ABA
NEA
Mono2R-488
AAL
WGA
VVA
GSL-I
PhoSpD
CGL
Epa1-Np mutant E27
CA
CnA
MBL
ECA
UEA
UEA(I)
PNA
Mono1-488
CSA(EY Lab)
GSL-IB4
CTA
CMA
BanLec
WT Galectin-8
mutant Galectin-8
Microcystin
SGA
SSA
GSL-I
HPA
Con A
GS-II (EY Lab)
CA19.9-488
CA19.9-428
Epa1-Np mutant Y228V
HA-Tag (Serotype 1-4)
HA-Tag (Serotype 1-4)
TcfBL1
AOL (Marine Lab)
MGL 6A
MGL 6B
Sp Serotype 12
Sp Serotype 14
HML-Nanv4
#14 Sialyl Lewis X-Glycoprotein
Mouse NRP-488
HPA
Epa1-Np mutant E27
PSA
PSL
CA19.9-1-Glycoprotein
Galectin-3
Thiroglobulin
CA19.9
CA19.9-Ab (DRG)
INV (EY Lab)
CA19.9-121
CA19.9-121SLE
MAA(Seikagaku)
GNA (EY Lab)
TcfBL2
#8 Lewis B (T218) (Abcam)
Galectin-1
Galectin-3
hGal-1-488-FCB
VLRB.A2 488
MPL
hJAA-FCN1
AFCN1
CTB
LBL
Epa1-Np mutant Y228A
PHL-I
BTL (native)
WGA(Seikagaku)
BTL (Tag)
SSL-488
SSL
WGA
Mouse Galectin-9
PHA-E
PHA-L
Avaren-FC
DC-ASGPR
PSL-1
ME5(detected with a-HUD)
CGA
CGB
Epa1-NHWT
human Galectin-7
Galectin-1
MVA
Human Galectin-7
mouse Galectin-7
CC1G-1007
CrSspB
VVHA (WT)
RCA(I (Vector)

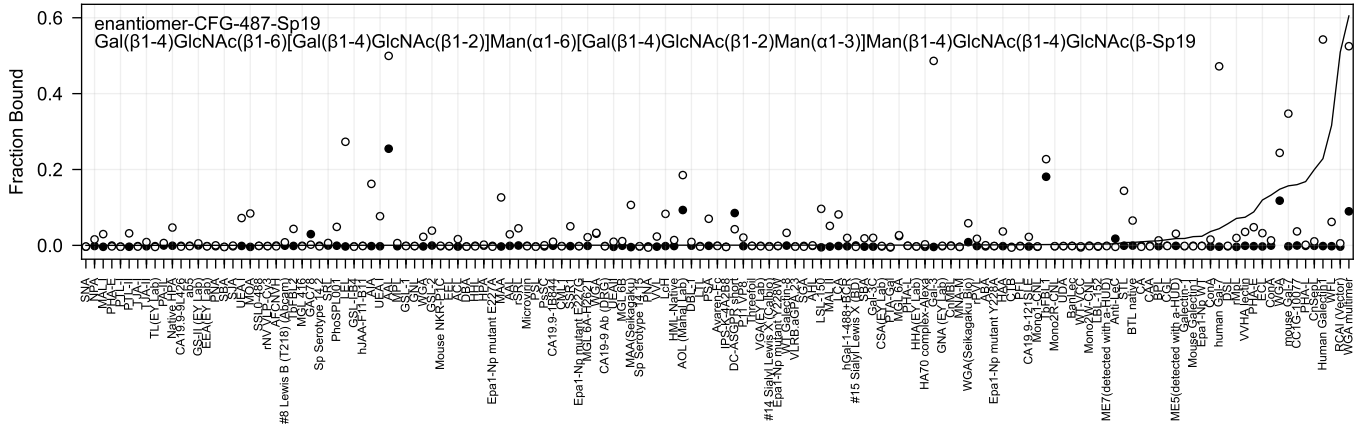

enantiomer-CFG-482-Sp0
GalNAc(β1-4)Gal(β1-4)Glc(β-Sp0
Fraction Bound
0.20
0.15
0.10
0.05
0.00
WGA
CSA(EY Lab)
GSL-I-B4
MNA-M
WGA mutant
MNA-M
Epa1-Np mutant Y226A
SBA
PTA-Gal
PTL-I
PNA
PSA
PTL-II
AOL (Mabry Lab)
TL(EY Lab)
UEA-I
MGL-1
PA-IL
SSA-I
Bauhinia
VVH-A(Leslie)
Hippeastrum
HA70 complex
LEA
PVL
PVF
HML-Native
AFCN
WGA
Mono2-CNL
Sp Serotype 15
Human Galectin-3
Sp Serotype 14-2
LSL-1
GSL-I-A4
CNB
#8 Lewis B (Y2181)(Kacarr)
hGal-1-488+EDTA
WT-VCC
Cm-BSL
BSL
Epa1-Np mutant Y226A
Tissepsin
CA19-9 Ab (Dr.Ko)
CA19-9-TB244
CA19-9-TB244
PHA-E
PHA-L
#15 Sialyl Lewis X (Abb)
Mono1-CNL
VGA(EY Lab)
Epa1-Np mutant Y226A
CA19-9-SL426
GSL-II (EY Lab)
PSL
Epa1-Np mutant Y226A
Mouse NK12-2B10
WT Galectin-1
LJA-I
SNA
LBL
MAL2
Galectin-1
HAA
GAL-9
PAA
SBA
WFA
PSSC
FHL
TJA-I
Epa1-Np
TJA-II
#14 Sialyl Lewis X (Calder)
DEA1
BPL
Mono
Native HPA
MAA(Seikagaku)
CC1(E-10077)
CC2(E-10078)
Morro-CNL
GNA (EY Lab)
PTA
Gal-3C
Gal-8
IPS-K-4-2B8
WGA(Seikagaku)
DBA
SJA
SNA
CoA
DSA
DBA
WGA
AAL
PTA-Gal
PTL-II
nVV VLP
PSA
MGL
NPA
HHA(EY Lab)
RCA(EY Lab)
hJAA-F
LTA-II
TBFB-1
Mouse Galectin-1
ABA
mouse Galectin-3
MGL-1
TBFB-2
VLRB.aGPA
CA19-9 SJ-CL-38
hGal-7
BTL
CoVA
ME7(detected with a-
DBL-1
ME5(detected with a-
DCSGR-sIgG
Anti-Lec

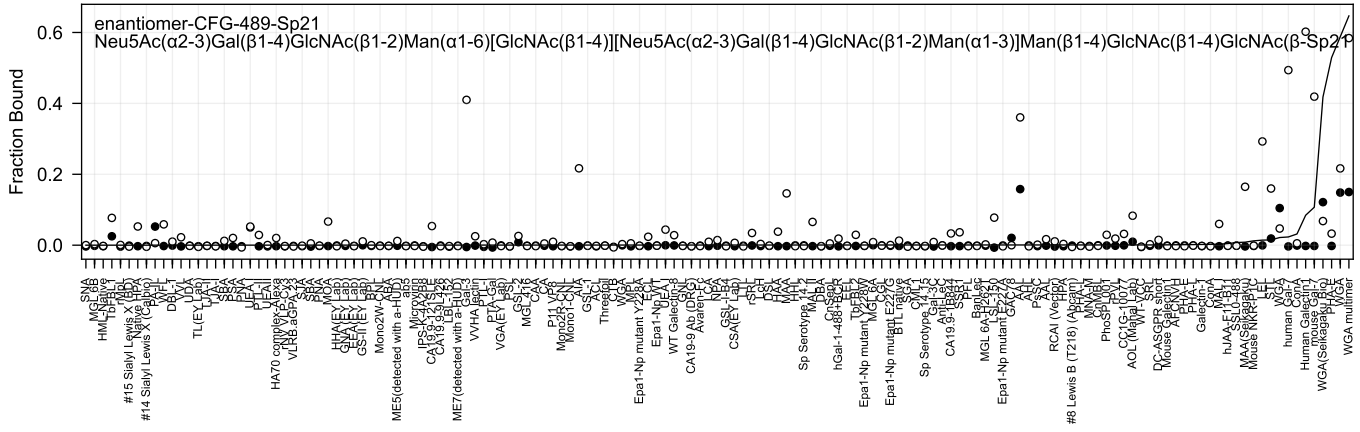

enantiomer-CFG-483-Sp22
GalNAc(α1-3)[Fuc(α1-2)]Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[GalNAc(α1-3)[Fuc(α1-2)]Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)[Fuc(α1-6
Fraction Bound
0.0
0.2
0.4
0.6
CSA(EY Lab)
CSL
UEAII
RCAI (Vector)
PSA
UDA
MNA-M
GSL-IA4
SBA
MAA
MAA(Seikagaku)
WFA
ECL
GS-II (EY Lab)
AFC
CVN
PNA
LTA
LCA
PhoSL (Lectin)
#8 Lewis B (T-18)(Abcam)
Sp Serotype
WGA
PCL
PCL
CA19-9 Ab
OAL
HA(70 complex-Mess)
CGL
hGal-1488-BCR
#14 Sialyl Lewis X(Chaetoo)
PSL
PSL
GAL-1
Mouse NKS-1
Mouse NKS-1
Epa1-Np mutant Y-1
Epa1-Np mutant Y-1
Sp Serotype
EEL
EEL
PHA-L
LCA
ABA
LSL-157
ABA
LSL-157
hJAA-F11
SJA
GSL-I
Epa1-Np mutant E-Lectin
Epa1-Np mutant Y-1
CA19.9(Fitzgerald)
UEAI
PSL
PSL
#15 Sialyl Lewis X
CG1G-10077
Epa1-Np mutant Y-1
CA19.9-1
MGL 6A-HRP
LBP
IPS-K-4A2B8
DBA
CA19.9-9-4
Epa1-Np mutant E-2
Epa1-Np mutant E-2
SSL-188
LBL-182
WGA(Seikagaku)
VVL
VVL
mouse Gal-1
ABA
Mono2R-BCR
PCA-E
MOA
CVN
CVN
Galectin-1
PHA-L
Mouse Gal-10
PNA
CA-VBS
WGA
Human Galectin-1
WT Gal-1
hum Gal-1
HML-Native
Gal-3C
PTA-Gal
TL(EY Lab)
Mono2W-SNL
Microvill
TbF-CNL
Mono1-CNL
MGL-6A
SoCA
GNA (EY Lab)
SNA
Lcl
Anti-MGL-6B
PBL(1)
Gal-1
Gal-3
Avarol-F
HGA
HHA(EY Lab)
PSSB
ME7(detected with a-HUD)
ME5(detected with a-HUD)
WT Galectin-1
LCA
BTL native
SSL
SSL
AOL (Mabtech)
Tbf-EL1
Tbf-EL1
HPA
HPA
WGA native
WGA native
HPA
DC-ASGPR short

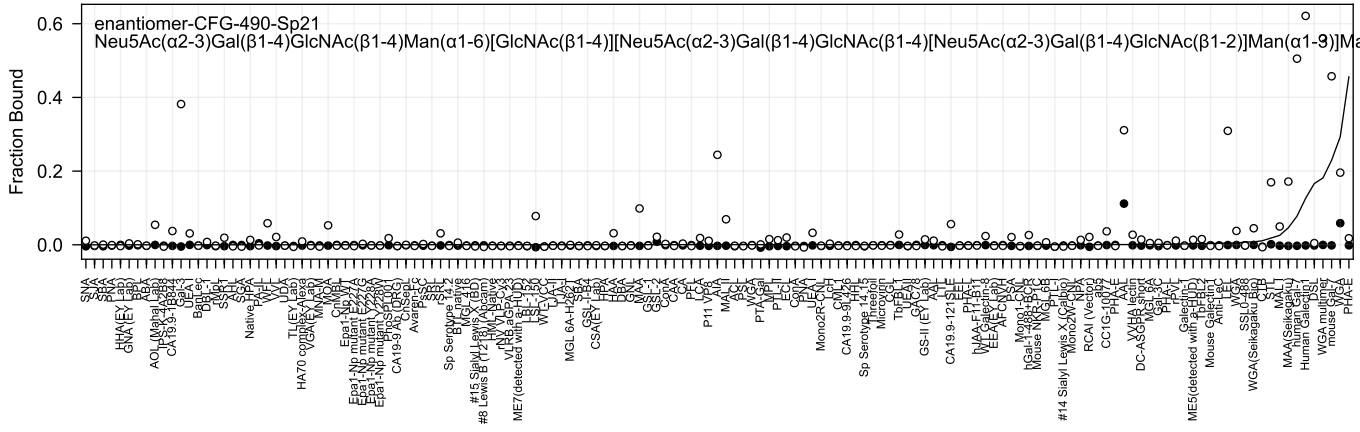

enantiomer-CFG-484-Sp22
Gal(α1-3)[Fuc(α1-2)]Gal(β1-3)GlcNAc(β1-2)Man(α1-6)[Gal(α1-3)[Fuc(α1-2)]Gal(β1-3)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)[Fuc(α1-6)]GlcNAc
Fraction Bound
0.0
0.2
0.4
0.6
SNA
RCAI (Vector)
MAL II
CCG-10077
HA70 (Vector)
GSTII (Vector)
PHA-L
ENA
Mouse NKR-P1C
Thrombospondin
SBA
MVA
WGA
LBL-1B5
SBA-Alexa
ACTX-VIB
hGal-1-Alexa
hGal-1-Biotin
GNA
Phos-Tag
Epa1-Np mutant Y292A
MAA
CA19.9 Ab (PDG)
MGL 6A-R2G2
CA19.9
PNA
UEA
#14 Sialyl Lewis X (Calbio)
ACL
ACA
Epa1-Np WT
TJA-I
Epa1-Np mutant Y292F
PsSSK
MGL 6A
CA19.9-SLe
PCA
WGA(Seikagaku)
CGL
Naiwa
BPL
#8 Lewis B (T218) (Abcam)
MAL I
Sp Serotype 12
CA19.9-LeB
CA19.9-LeB44
VVHA
Epa1-Np mutant E227A
hJAA-F11
hJAA-F11-Biot
SBA
rNV VLS-1
rNV VLS-1-7
Epa1-Np mutant Y292V
Epa1-Np mutant Y292Q
Sp Serotype 14
MAA(Seikagaku)
STL
MCL
LSL-100
#15 Sialyl Lewis X (BD)
VLRB aGAL23
RIC
RCA
Epa1-Np mutant E227L
CA19.9-LeY
CA19.9-LeX
MS-4-2-1
ACL
PSSRT
UEA I
MAL I
PVGA
UDA
Galectin-3
MPL
DBA
PTEB-2
PTEB-4
MAL II
Mono1
CTB
VGA(EY Lab)
ABA
PHA-E
Galectin-1
Mouse Galectin-9
DC-SIGN
Mouse CD1d
Mono2R-CNL
PHA-L
Mouse Galectin-8
Human Galectin-1
GSLII-B4
WT-VOCA
CNL
HM-Neuraminidase
Banlec
Microcyn
WGA (Nuimar)
GNA (EY Lab)
NPA
CnMBL
SJA
EEL
EEA(EY Lab)
PHA-L
HHA(EY Lab)
Arum-lectin
AHL
TCA
ME7(detected with a-HDD)
Wheat Germ
human Cat-7
AOL (Mabtech)
BTL naive
COA
ME5(detected with a-HDD)
TbeBL-1
mouse Gal-1
MOA

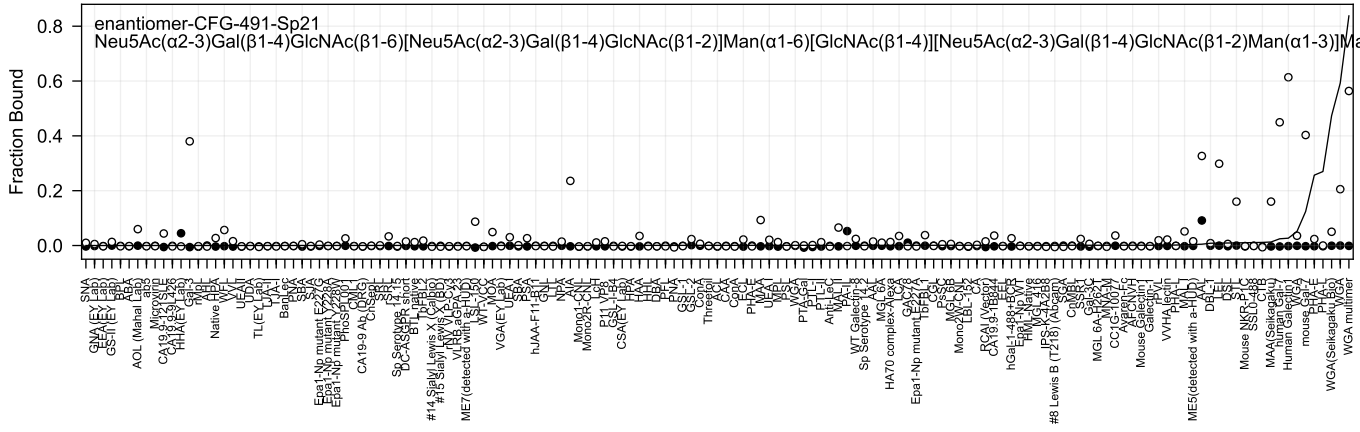

enantiomer-CFG-485-Sp21
Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-6)[Fuc(α1-2)Gal(β1-3)GlcNAc(β1-3)]Gal(β1-4)Glc(-Sp21
Fraction Bound
0.0
0.2
0.4
BPI
#14 Sialyl Lewis X (Calbiochem)
hGal-1-488-Pro
TD-1
PNA
PTL-I
PTA
PTA-Gal
Mono2W
CNL
MAL-I
MAA(Seikagaku)
PWA
#15 Sialyl Lewis X
NPA
SBA
TJA-I
TJA-II
SSL-I
BS-I-B4
PNA
VGA(EY Lab)
HA70 complex
WGA
CA19-9
WT Lectin
MNA-M
ME5(detected with a-HUD)
ME7(detected with a-HUD)
LBL-152
WGA(Seikagaku, Biotin)
UEA-I
Sp Serotype 14
MAL
ACA
Mono1-C61
ZAA
Mouse NKR-P1C
ABA
Mono2R
CTB
Epa1-Np mutant Y286V
Epa1-Np mutant E222A
Epa1-Np mutant E222A
CEA
CWA
PNL
P11
VFA
Gal-3
Avarol
GNA (EY Lab)
CSA(EY Lab)
HPA
LCA
DSL
Mic
DBA
EEA(EY Lab)
CSA
SAA
Epa1-Np mutant E222A
CA19-9 Ab
VLRB.aGP
PhoSP-001
SVA
EVL
ECL
CA19-9 Ab
MGH-68
Thiheylol
SJA
GAL
HML-Native
SGL
MGL 6A12
MGL 2G1
abo
Sp Serotype 14
Man
Man-6-P
Pan-Lec
hJAA-FITC
USA-I
SNA
SCA
RCA
CA19-9-12
SGL
IPS-1-A488
APOH
DHT
GS-II (EY Lab)
GSL-I
GSL-I B4
GSL-I A4
UDA
Epa1-Np
ZAA
WT Galectin
SCA
HHA(EY Lab)
WGA
DC-ASGPR
WGA
WGA mutant
Mouse Galectin7
#8 Lewis B (Y218)
CXCL7
BTL
UEA-I
Galectin-1
Human Galectin1
CnSerp
Ant-Xa
PST
DBA-Y
EEL
CC1G-1077
IGA
nNXXA P-Cx
human Galectin7
mouse Galectin7
AOL (Mal)
mouse Galectin7
SNA
RCAI (Vector)

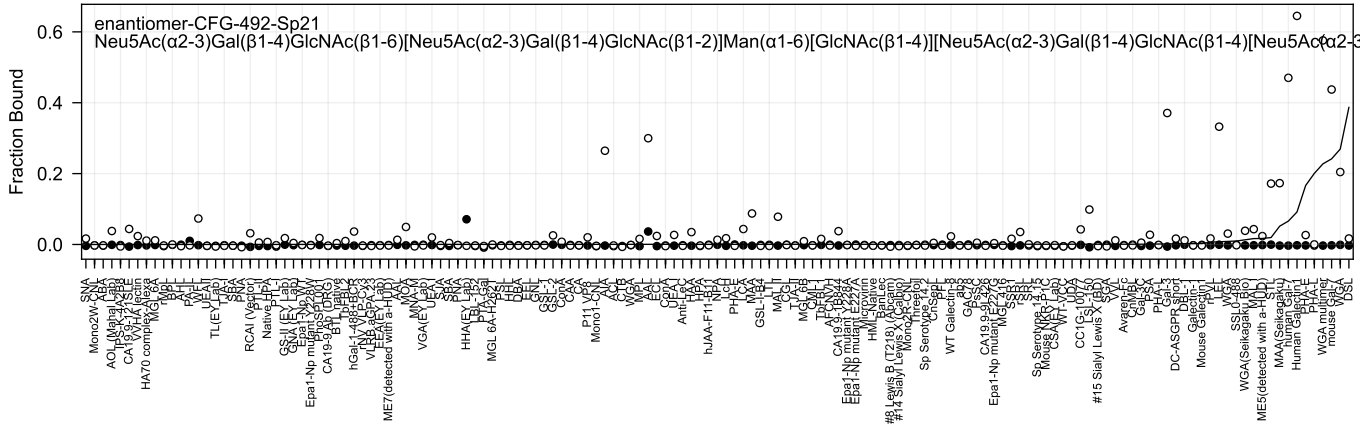

enantiomer-CFG-486-Sp22
GalNAc(α1-3)[Fuc(α1-2)]Gal(β1-3)GlcNAc(β1-2)Man(α1-6)[GalNAc(α1-3)[Fuc(α1-2)]Gal(β1-3)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)[Fuc(α1-6
Fraction Bound
0.0
0.2
0.4
0.6
SNA
SNA
RCA-I
BS-I
PJ1-I
UEA-I
UEA-II
LCA
VVL
WGA (Seikagaku Bio)
HA(A/Brisbane/59/2007)
Mono20V CNR
Gal-1-488 CNR
EEA(EY Lab)
PNA
SBA
SJA
VGA
Epa1-Np mutant V26A
Sp Serotype 14-18
#14 Sialyl Lewis X (Calbiochem)
#15 Sialyl Lewis X (R&D)
#8 Lewis B (T218) (Abcam)
LSL-150
LSL-155
WT AAL
AAL
WGA
VGA(EY Lab)
SJA(EY Lab)
SJA
hJAA-F11
BE11
GSL-IB4
WGA
Mouse NKR-P1C
OAA
OAA
CGL
UEA-I
GSL-2
Amaranth
hGal-1-488 CNR
BCR
PHA-L
PHA-E
CGL
VVHA
Mono20 CNR
Epa1-Np mutant T323S
Epa1-Np mutant E227A
Galectin-3
AFGN-1
VLRB.aGPA.23
Epa1-Np mutant V26W
UEA-I
PVL
PHA-E
GSL-I
MGL 6A
CSA(EY Lab)
CA19.9-488
CA19.9-121SLE
MCA(Abcam)
RCA(Vector)
Epa1-Np
ABA
KPL
MPL
PWM
PVL
P-11 VAE
human Gal-7
CCTG Gal-7
MGL 4A6
Mouse Gal-7
Galectin-1
PhoSP UDA
CTB
mouse Gal-1
PSL
Mouse Gal-3
PSL
PTA(Vector)
WGA multi(Sal)
TPE
Micro Mon
HML-Neuve
TLEY Lab)
Human Gal-7
ME7(detected with a-PBS)
SNL
CAA
CAA
GNA (MGL Lab)
CNSBL
CnMBL
Bap-FL
TCFB-FL
ACA
Avarum-Fc
BT
LCL
Con A
HHA(EY Lab)
DBL-1
ME5(detected with a-PBS)
WT Galectin-3
MGL 3A3
NV-VLP 4A3
AOL (Mahal lab)
SRL
BTL (Mahal lab)
PNA
TbeBL-1
HPA
DC-ASGPR s.vaxi
Native HPA

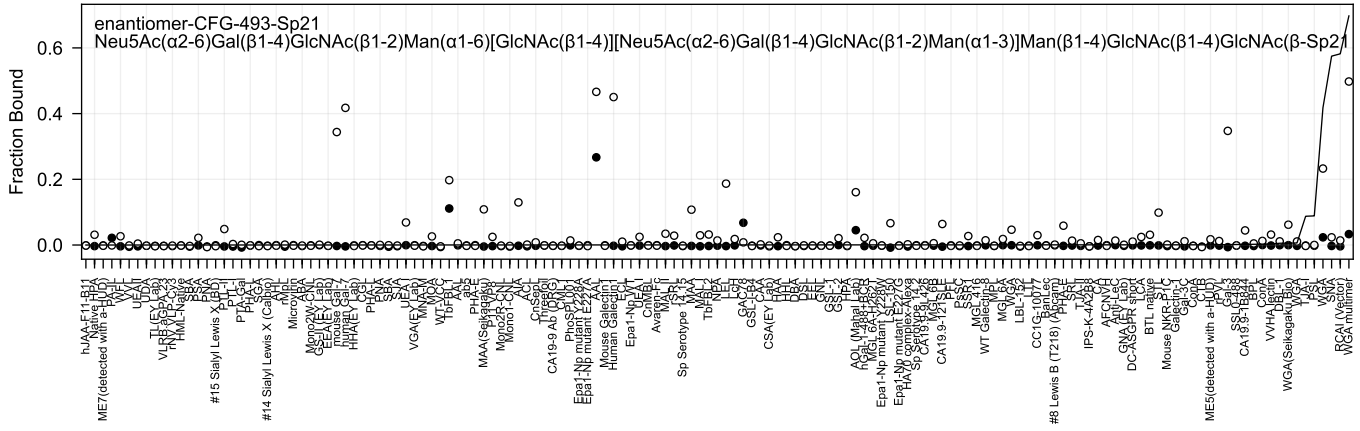

enantiomer-CFG-487-Sp19
Gal(β1-4)GlcNAc(β1-6)[Gal(β1-4)GlcNAc(β1-2)]Man(α1-6)[Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp19
Fraction Bound
0.0
0.2
0.4
0.6
SNA
SNA
PNA-1
PNA-2
PTA-1
PTA-2
TJA-I
TJA-II
PWM
Neuraminidase
CA19-9 Ab
GSL-I-B4
GSL-I-A4
EEA(EY Lab)
PSA
SSA
UEA-I
VFA
rNV SSL-28
rNV AEDNV4
#8 Lewis B (T218) Abbott
MGL 216
MGL 218
Sp Serotype 23
PhoSPD-1
SBA
SJA
UEA-I
AIA
UEA-I
MPL
GNL
GNL
WGA
Mouse NKR-P1C
ECL
ECL
DBA
DBA
Epa1-Np mutant E422A
ASA
ASA
Microvoin
PSL
PSL
CA19.9-FB344
SSA
SSA
Epa1-Np mutant E422G
MGL BA-1 (Vector)
CA19-9 Ab (DBA)
MGL 6B
MAA(Seikagaku)
Sp Serotype 14/19
PNA
LCH
HMI-Nuetec
AOL (Mab-Tech)
DBL-1
PSA
PSA
Avarol-2B6
DC-ASGPR sIgG
Fucetoxin
Fucetoxin
VGA(EY Lab)
#14 Sialyl Lewis X (BD)
Epa1-Np mutant Y228W
Epa1-Np mutant Y228W
VLRA.B3
SGA
SGA
LSL
LSL
MAL-I
hGal-1-488-FLR
#15 Sialyl Lewis X (BD)
Gal-3C
CSA-FITC
CTA-Gal
MPL
HHA(EY Lab)
HA70 complex-Cy3
GNA (EY Lab)
GNA (EY Lab)
MNA-M
WGA(Seikagaku)
PVA
Epa1-Np mutant Y142A
ABA
ABA
CTB
CA19.9-121-SLE
Mono2-FBLT
Mono2R-COL
Mono2-FBLT
Benzec
Mono2-COL
TBL-125
ME7(detected with Ant-Leu)
BTL mouse IgG
BTL mouse IgG
GPA
GPA
ME5(detected with a-Leu)
TGT
Galectin-1
Mouse Galectin-1
Epa1-Np
CoA
human Galectin-1
LAS-I
MPL
MPL
PHA-E
PHA-E
CCK
VVA
VVHA
MPL
MPL
CHSA-L
CHSA-L
Human Galectin-1
RCA I (Vector)
WGA multimer

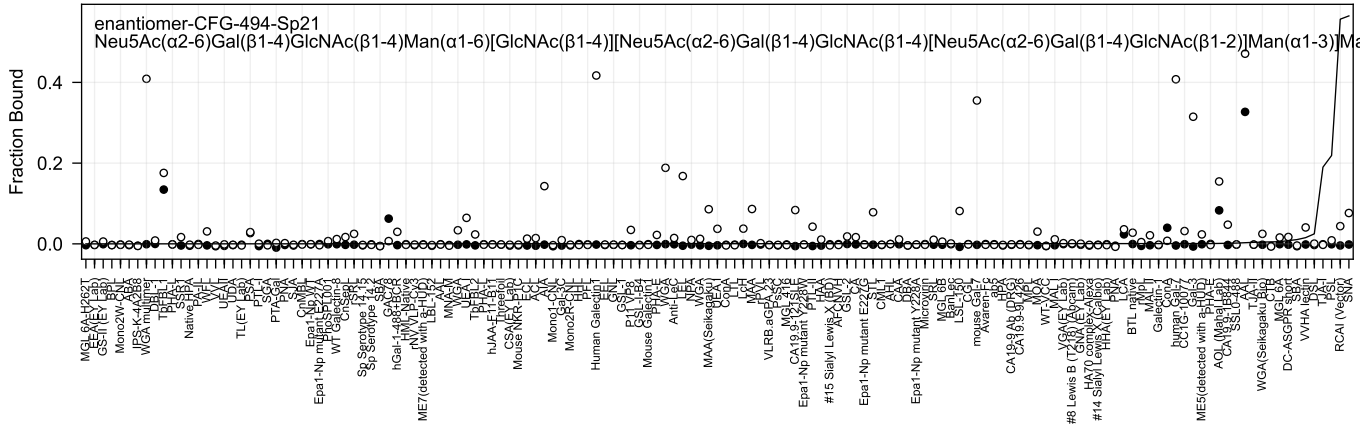

enantiomer-CFG-489-Sp21
Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[GlcNAc(β1-4)][Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp21
Fraction Bound
0.0
0.2
0.4
0.6
SNA
MGL-1/8
HML-1(alive)
DSA
MAL
#15 Sialyl Lewis X (Sp)
#14 Sialyl Lewis X (Calbio)
WFL
DBA
UDA
TL(EY Lab)
VVL
LCA
SBA
PNA
LEA
PHA-L
PHA-E
HA70 complex-Alexa
VVL(EY Lab)-Cy3
VVL(EY Lab.)-Cy3
SNA
STA
SRA
MOA
HHA(EY Lab)
GNA(EY Lab)
GSA(EY Lab)
BPL
Mono2W-Alexa
Mcryvgno
IPL(EY Lab)-Cy3
CA19.9 Ab (Lab)
CA19.9 Ab (HuD)
Gal-3
ME7(detected with a-HuD)
VVHA
BPL-II
PNA-Gal
VGA(EY Lab)
PSL
MGL-1/16
CAA
P-11 V58
Monoclonal-CN1
Monoclonal-CN2
GSL-IA
ACL
Threonin
WGA
Epa1-Np mutant Y228A
Epa1-Np mutant T227A
WT Galectin-3
CA19-9 Ab (HRG)
Avatin-CX
NEA
GSL
CSA(EY Lab)
rSRL
DSL
FRA
MAA
MIA
Sp Serotype 12
DBA
hGal-1-488-Sepharose
EEL
Epa1-Np mutant T228W
MGL-8A
Epa1-Np mutant E227G
BTL Trichoxin
CVN-1
Sp Serotype 14
Gal-3C
CA19.9 Ab (Calbio)
SSA(EY Lab)
Bap-Fc
MGL 6A (Z6227)
Epa1-Np mutant T227A
GAL/8
ACL
FAL
RCAI (VeBR)
#8 Lewis B (T218) (Abcam)
MTA-M
SeMel
PhoSH
PHW
CCMG-1007
AOL (MgB-1007)
WT VCC
DC-ASGPR short
Mouse Galectin-1
ABA
PHA-E
Galectin-1
CGA
hJAA-E1(1B11)
MAA(SSLL-488)
Mouse NKRP1C
SEL
VGA
CGA
human Galectin-1
WGA(Seikagaku)
WGA(Seikagaku) Eq
WGA
WGA multimer

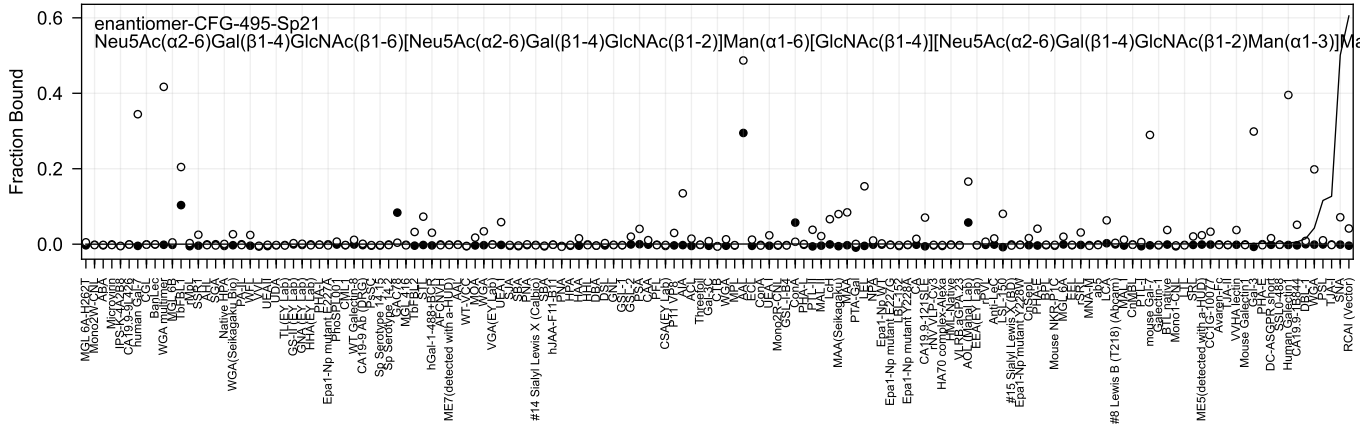

enantiomer-CFG-490-Sp21
Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-4)Man(α1-6)[GlcNAc(β1-4)][Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-4)[Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-2)]Man(α1-3)]Ma
Fraction Bound
0.6
0.4
0.2
0.0
SNA
EBL
SRA
SBA
HHA(EY
GNA (EY
LBA
AOL (Mehta)
ABA
CA19.9-TB44
TJA-II
DEA1
BPL
SMA
SJA
SNL
SPA
PAA
WFA
UDA
TL (EY
HA70 complex (Alexis
VGA(EY
MAL (EY
MOA
Cnp-107
Epa1-Np mutant E227A
Epa1-Np mutant Y228A
Epa1-Np mutant Y228S
Epa1-Np mutant S229G
CA19-9 Ab (OncG)
Avarol-PE
PSA
SSL
Sp Serotype 1
Sp Serotype 14
#15 Sialyl Lewis x
(KM 616
#8 Lewis B (1-218) (Adam)
VVL (Bauvis
VVL (Bauvis
VVL (Bauvis
ME7(detected with E1-122
LEL
WSL-150
WGA
LA-II
MGL 6A-H2021
SBA
GSL-I
CSA(EY
LBA
FRA
DBA
MAA
GSL-I
GSL-I
CoA
CoA
PFL
PFL
P11 VP8
MAL
MAL
ACL
ACL
WGA
PTA(Sal
PTA(Sal
PNA
PNA
PL-II
PL-II
EEL
EEL
UEA
UEA
Mono2R-CSN
CMA
CMA
CA19.9-4-42
CA19.9-4-42
Sp Serotype 14-15
Threeloci
Micrococcin
Tri-PEA
Tri-PEA
GNA
GNA(Kato
GS-II (EY
ABA
ABA
CA19.9-12-SLE
PEL
PEL
PL-B1
PL-B1
MAA-F1-B11
MAA-F1-B11
LEL
LEL
Galectin-3
Galectin-3
AFCN(Y)
AFCN(Y)
Mono1-CSN
Mono1-CSN
nGal-1-488-BCR
nGal-1-488-BCR
Mouse NKG2-B6
Mouse NKG2-B6
#14 Sialyl Lewis X (Cnp
Mono2W-CSN
Mono2W-CSN
RCAI (Ve
RCAI (Ve
CC1G-869
CC1G-869
PHA-E
PHA-E
VVHA
VVHA
ACL
ACL
DC-ASGPR short
DC-ASGPR short
WGA 186
WGA 186
PAA
PAA
Galectin-1
Galectin-1
ME5(detected with E1-122
Mouse Galectin-1
Mouse Galectin-1
Amin
Amin
LEL
LEL
VVSA
VVSA
SSL1
SSL1
WGA(Seikagaku
WGA(Seikagaku
STL
STL
MAL
MAL
MAA(Seikagaku
MAA(Seikagaku
human GalA-Y
human GalA-Y
Human Galectin-1
Human Galectin-1
WGA mutant
WGA mutant
mouse VVSA
mouse VVSA
PHA-E

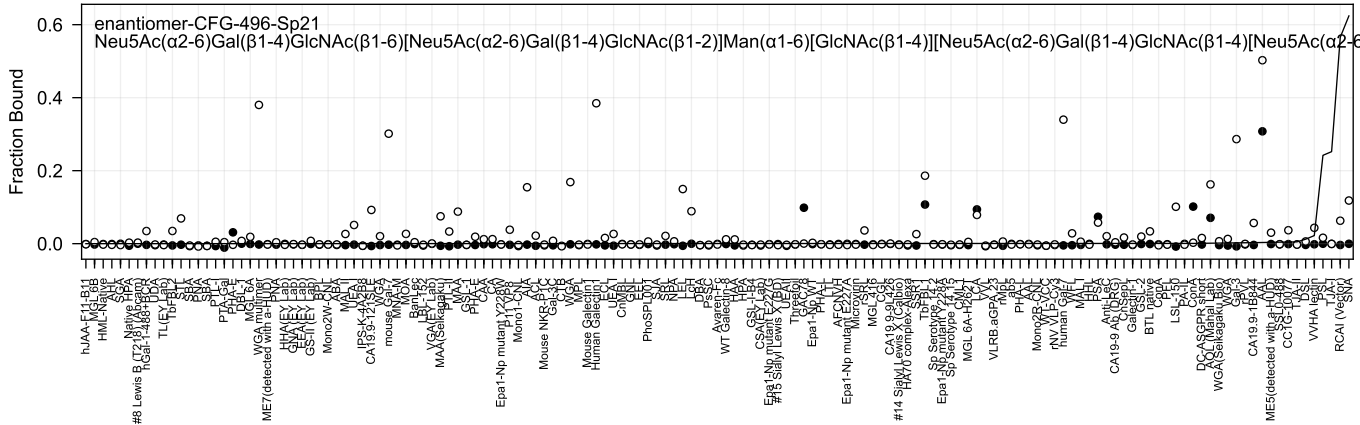

enantiomer-CFG-491-Sp21
Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-6)[Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-2)]Man(α1-6)[GlcNAc(β1-4)][Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Ma
Fraction Bound
0.8
0.6
0.4
0.2
0.0
SNA
Jac
GNA (EY Lab)
PNA
GSII (EY Lab)
UEA
AOL (Mahal Lab)
ABA
ACG
CA19-9 (TSZ)
CA19-9 (EY Lab)
CA125 (EY Lab)
Gal-3
ANL
Native PDK
WVA
LCA
UDA
TL(EY Lab)
UEA-I
Banlec
SBA
SVA
Epa1-Np mutant E227A
Epa1-Np mutant Y228A
Epa1-Np mutant Y228F
Epa1-Np mutant Y228S
PhoSL (TSZ)
CA19-9 Ab (QIAGEN)
CA19-9 Ab (Santa Cruz)
SBL
So Sesbania 14-15
DC-SIGN
BTL (native)
#14 Sialyl Lewis X (CBD)
#15 Sialyl Lewis X (BD)
VLRB.aGP-33
ME7(detected with a-HPD)
WFA-Cos
Man
VGA(EY Lab)
UEA-I
BSA
hJAA-F11-611
TJA-I
TJA-II
NTA
Monoz-CNL
Monoz2-CNL
CGL
GSL-I-B4
CSA(EY Lab)
PHA-E
PHA-L
DBA
DSL
PNA
GSL-I
GSL-2
Threefoil
Axx
CoPA
PHA-E
PHA-L
UMA
UDA
WGA
PTA-Gal
FTL-1
Ano-Le
PA-IL
WT Galectin-12
Sp Sesbania
MGA
HA70 complex-Alexa
GAL
GAL-A
Epa1-Np mutant E227A
TBGL
PsSIC
MGL
Monoz2-CNL
LBL-CX
CA19.9 (Abcam)
CA19.9 (Santa Cruz)
hGal-1-488-BCR
HMM-Naive
HMM-Naive
iPS-VTA-288
#8 Lewis B (T218) (Abcam)
CaMBL
SSL7
GASC1
MGL 6A-F8B2
CC1(G-10024)
AvBPS(VF)
Mouse Galectin-1
Galectin-1
VVHA
Jacalin
MOL
ME5(detected with a-HPD)
DBL-1
DSL
Mouse NKR-P1C
SSLD-488
MAA(Seikagaku)
human Gal-1
Human Galectin-7
WGA
mouse Gal-F
PHA-E
PHA-L
WGA(Seikagaku)
WGA multimer

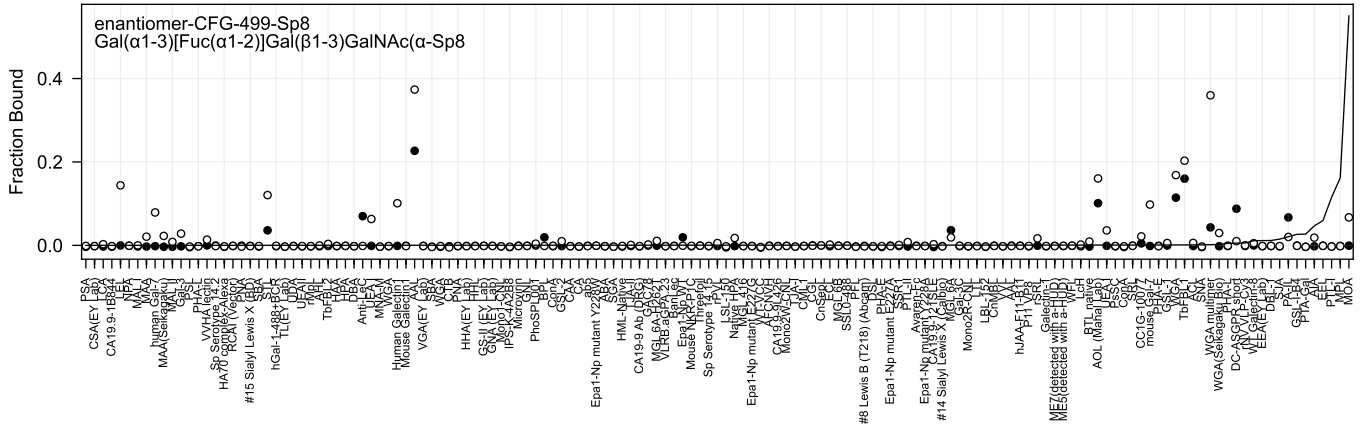

enantiomer-CFG-492-Sp21
Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-6)[Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-2)]Man(α1-6)[GlcNAc(β1-4)][Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-4)[Neu5Ac(α2-3
Fraction Bound
0.0
0.2
0.4
0.6
SNA
Mono2W
ABA
ABA
AOL (Mahal
PSA-FGF
CA19-9-Alexa
CA19-9-Alexa
SSL
HA70 complex
Mono1
WGA
BPL
PNA
PAL
UEA1
TL(EY Lab)
SBA
PNA
RCAI (Vector
Native-PT-1
Native-PT-2
GSII (EY Lab)
CAA
Epa1-Np mutant
Mono2
CA19-9-Alexa
BT
hGal-1-488-BC2
hGal-1-488-BC3
VLB aGP-23
VLB aGP-33
ME7(detected with a-H 100)
AAL
MNA-M
VGA(EY Lab)
SJA
SNA
SNA
HHA(EY Lab)
PTA-Sal
MGL 6A-FBS1
LEL
UEA1
LEL
SNT
SNT
GSII-2
GSII-4
COA
VGA
P11
Mono1-CNL
AIA
CTB
WGA
WFL
EAL
EAL
CPA
CPA
AmpC
HGA
hJAA-F11-B17
NPA
NPA
PHA-E
PHA-L
MXA
GSL-I-B4
ACA
MAL II
TJA-I
MGL-6B
TJA-II
Epa1-Np mutant
CA19-9-Alexa
Epa1-Np mutant
Epa1-Np mutant
HML-Native
HML-Native
#8 Lewis B (T218) (Accam
#14 Sialyl Lewis X (Accam)
Threitol
Sp Serotype C
Sp Serotype C
WT Galectin-1
Epa1-Np mutant
CA19-9-Alexa
Epa1-Np mutant
MCF-7-X18
SSBL
SSBL
Sp Serotype 14
Mouse NKR-P1C
CS-NKT (Lab)
UDA
CC1(Gal UDA)
#15 Sialyl Lewis X (BD)
SVA
Avanavite
Gal-3C
Gal-3C
PTA-Gal
Gal-3
DC-ASGPR
DBL-7
Galectin-1
Mouse Galectin-1
PSA
WGA
SSL-488
MAL I
WGA(Seikagaku)
ME5(detected with a-H
MAA(Seikagaku)
Human Galectin-1
PHA-E
PHA-L
WGA multimer
mouse VGA
DSL

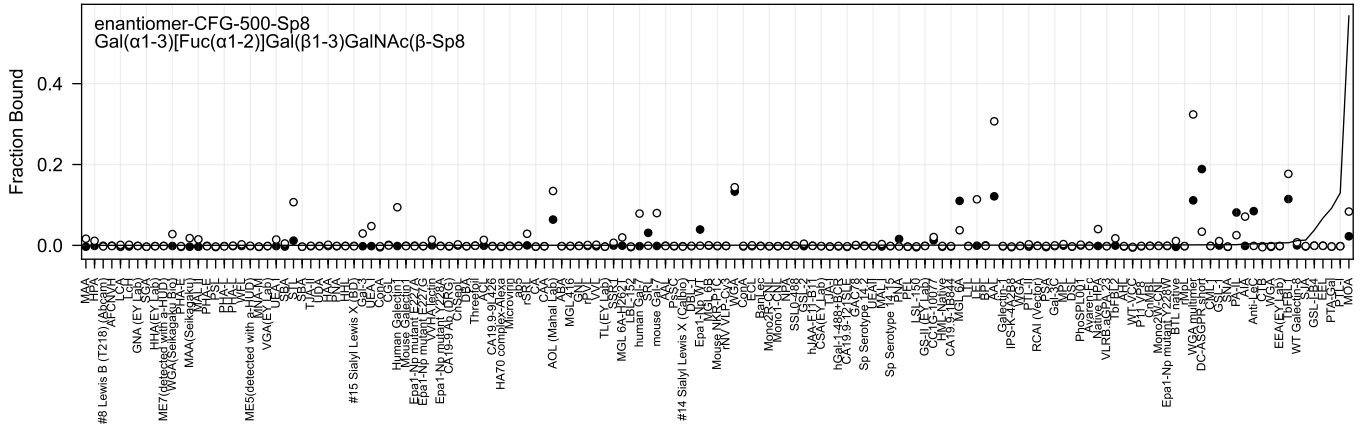

enantiomer-CFG-493-Sp21
Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[GlcNAc(β1-4)][Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp21
Fraction Bound
0.0
0.2
0.4
0.6
hIAA-F11 B1
Native HBA
ME7(detected with a-HuO1)
WF
UEA I
UDA
TL (EY Lab)
VLRB-aGPA-G3
hNMLR-G3
MMLR-G3
SBA
PNA
#15 Sialyl Lewis X (Lab)
P-L-1
PHA-L
PHA-E(Gal)
SGA
#14 Sialyl Lewis X (Calbiochem)
AIA
Mac2
Mac3
ABA
Monoclonal CEA
CEA (EY Lab)
human Gal-7
HHA(EY Lab)
PNA
PTL-I
SBA
LEA
VGA(EY Lab)
MAL
WT-AC1
Tn-PAA
AAL
PHA-E
MAA(Seikagaku)
Mono2R-CNT
Mono1-CNT
ACL
Gnseq1
TKH-2
CA19-9 Ab (ORG)
Galectin-1
PhoSL (Lab)
Epa1-Np mutant E229A
Epa1-Np mutant E229A
AAA
Mouse Galectin1
Human Galectin1
EPL
Epa1-Np
NPA
CNHL
MAL II
Avenin
Sp Serotype 12,15
MAA
MAL
TdHL-I
NEA
LCA
GC-1-C4
GSL-I-B4
CAA
CSA(EY Lab)
HAA
DBA
DSL
GNL
GSL-I
HPA
AOL (Marine Biol.)
AGL (Marine Biol.)
MGL 6A (Marine Biol.)
Epa1-Np mutant L57-150
Epa1-Np mutant E229A
Epa1-Np mutant E229A
Sp Serotype 12,15
CA19-9-125
MGL-1B
SLE
ESS
MGL-1H
WT Galectin-8
MGL-6A
LBL V-22
CC1G-10-1
Bauhinia lec
#8 Lewis B (T218) (Abcam)
SRL
IPS-K-A2-B3
AFCN-04
Anti-Lec
SNA-I (Lab)
DC-SIGNR stock
LCA
BTL native
Mouse NKR-P1C
Galectin-3
Gal-3C
ConA
Gal-1
Gal-3
SGL-Human
CA19.9-Human
BPL
Con A
VVHA-Lec
DBL-1
WGA(Seikagaku)
VFA
PSL
VGA
WGA
RCA I (Vector)
WGA multimer

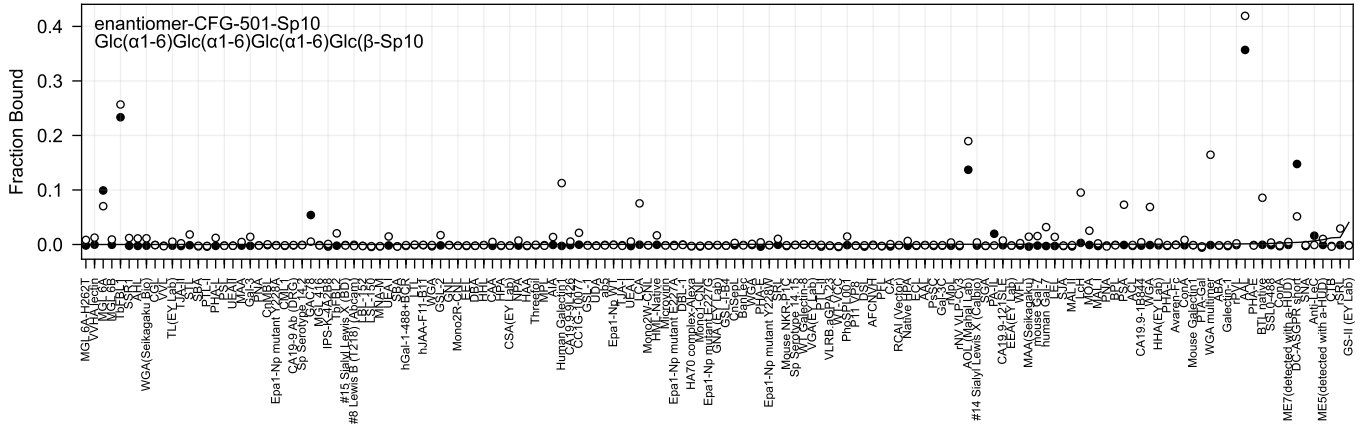

enantiomer-CFG-494-Sp21
Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-4)Man(α1-6)[GlcNAc(β1-4)][Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-4)[Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-2)]Man(α1-3)]Ma
Fraction Bound
0.0
0.2
0.4
MGL6A-H(P267)
GEL-II(EY Lab)
GS-II(EY Lab)
Mono2W-CNL
JPS-K-4A-CBB
WGA mutant
TBTB-1
PHA-L
Native-PHA
PWM
WVA
UDA
TL(EY Lab)
PTL-I
PTA-Gal
PNA
Epa1-Np mutant
Epa1-Np 271
PhoSL(Dot)
WT GlcSepr
Sp Serotype 1 2
Sp Serotype 1 2 2
GNA
hGal-1-488-BCA
rNVLB-Sepx3
ME7(detected with anti-H(O))
Tri-1
MVGA
AAL
TEL-1
TEL-2
hJAA-1(Dot)
CSA-1
Mouse NKR-P1
ECL
ACA
Mono1-CNL
Mono2-PSL
PHA-E
Human Galectin1
SNL
GSL-I
PSL-I
GSL-I-B4
Mouse Galectin1
Galectin-1
WGA
Anti-Leg
NPA
MAA
MAA(Seikagaku)
OEA
LTA
MAL
VLRB.aGP
VLRB.aGP.2
FscS
CA19.9-VG1.5.18
Epa1-Np mutant 271
#15 Sialyl Lewis A (IgM)
JAA-F11
GSL-I-A4
Epa1-Np mutant E22Y
CSL-I
CSL-II
ABL
CGB
Epa1-Np mutant 223A
Microvirin
MGL-6B
LSL-166
mouse Galectin-7
Avaren-Fc
PPA
CA19.9-IgG3
CA19.9-IgG1
WFL
VCA
WT-VCA
VGA(EY Lab)
VGA(EY Lab 2)
#8 Lewis B (T2-18) (Abram)
GNA(EY Lab)
HA70 complex
#14 Sialyl Lewis X (Calbio)
HHA(EY Lab)
PNA
BTL-lectin
MVHP
Galectin-4
Con-A
human Galectin-7
CCTG-10677
PTA-Gal
ME5(detected with anti-H(O))
AOL(Mega-B)
AOL(Mega-B22)
CA19.9-IgG2
SSL-188
T-CAT
TJA-II
WGA(Seikagaku)
CTB
MGL-6A
DC-ASGPR
SBA
VVHA
TJA-I
RCAI (Vector)
SNA

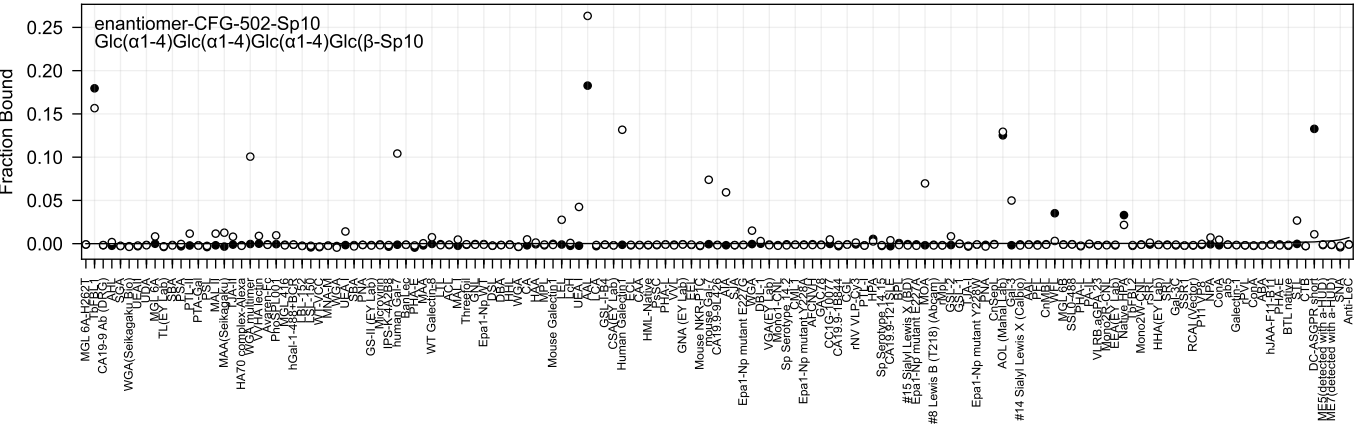

enantiomer-CFG-495-Sp21
Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-6)[Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-2)]Man(α1-6)[GlcNAc(β1-4)][Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Ma
Fraction Bound
0.0
0.2
0.4
0.6
MGL 6A-H (267)
Wonoo2W-2-6L
ABA
Mic2-K (288)
DPS-IF-K (288)
CA19.9-Sp-42
human-IgG
GCL
WGA (mutimer)
Tomato
TKH
SNA
SSA
Native WGA
WGA(Seikagaku, Bio)
PNA
VVL
UEA
LCA
TJ-II (EY Lab)
GSL-I (EY Lab)
GNA (EY Lab)
HHA (EY Lab)
Epa1-Np mutant E227A
PhoSL
CML
WGA (Calbiochem)
CA19.9 Calbiochem
Sp Secretope 1-1-2
Sp Secretope 1-1-3
GSL-I-B4
MAL-II
hGal-1 (C2S)
hGal-1-488-mut-5
APCNO01
ME7(detected with a-VAT)
VAT
WT-VOC
WGA
VGA(EY Lab)
UEA
SSA
SNA
#14 Sialyl Lewis X (Calbio)
hJAA-F11-317
DBA
PNA
LCA
ORL
GSL-I
GSL-II
PSA
CSA(EY Lab)
PTI (EY Lab)
VVA
ACL
Tim-2
Galectin-3
VCDS
MPL
ECL
UDA
GRA
Mono2R-CSL
GSL-I-B4
PHA-L
PHA-E
MAL-II
MAA(Seikagaku)
WGA
PTA-Gal
NPA
Epa1-Np mutant E227G
Epa1-Np mutant K228A
Epa1-Np mutant K228E
CA19.9-12-SCB
LN-V-12-SCB
HA70 complex-Alexa
VLRB aGAP-23
AOL (EY Lab)
EEA (EY Lab)
HPA
Anti-Tn
TSF-156
#15 Sialyl Lewis X (Calbio)
Epa1-Np mutant K228Q
CSL2
PHA-P
BPL
Mouse NKR-P1C
MGL
EEL
MNA-M
abo
#8 Lewis B (T218) (Abcam)
CMH
CML
PTI-1
mouse Gal-1
BTL native
Mono1C-1
NL
ME5(detected with a-SDC)
CCT3-10077
Avarol-A-II
V-VHA lectin
Mouse CA19.9
PSA
Gal-3
Gal-1
DC-ASGPR-FITC
SSL1-488
CCT3-10077
CA19.9-PE844
DBA-A
PSL
SNA
RCAI (Vector)

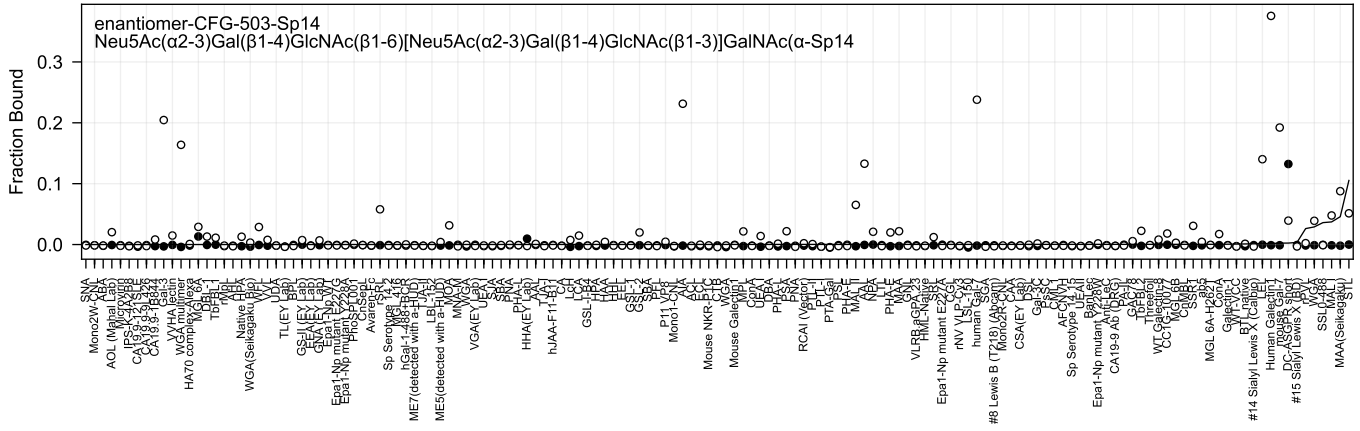

enantiomer-CFG-496-Sp21
Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-6)[Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-2)]Man(α1-6)[GlcNAc(β1-4)][Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-4)[Neu5Ac(α2-6
Fraction Bound
0.0
0.2
0.4
0.6
hJAA-F11.B11
MGL-B8
HML-Naive
SSA
#8 Lewis B (T21)
hGal-1-488-BCR
TL(EY Lab)
ME7(detected with a-
WGA multimer
ME7(detected with a-
MAL-I
IPS-K-4-UEA1
CA19.9-127-SLE
mouse Gal-3
MAA(Seikagaku)
Epa1-Np mutant Y228A
Mouse NKR-P1C
Mouse Galectin-1
Human Galectin-1
PhoSPI-DNA
#14 Sialyl Lewis X (Calbiochem)
#14 Sialyl Lewis X (Calbiochem)
Epa1-Np mutant E227A
Sp Serotype 14
Epa1-Np mutant Y228A
Sp Serotype 6A-1
MGL 6A-H262A
VLRB.aGP-X1
VLRB.aGP-X2
rNV VLP-cx3
human GM1
CA19-9 Ab (DEG)
Galectin-1
BTL Lewis X
DC-ASGPR Conc A
WGA(Seikagaku)
CA19.9-1B844
ME5(detected with a-
CCTG-102-II
VVHA
RCAI (Vector)
SNA

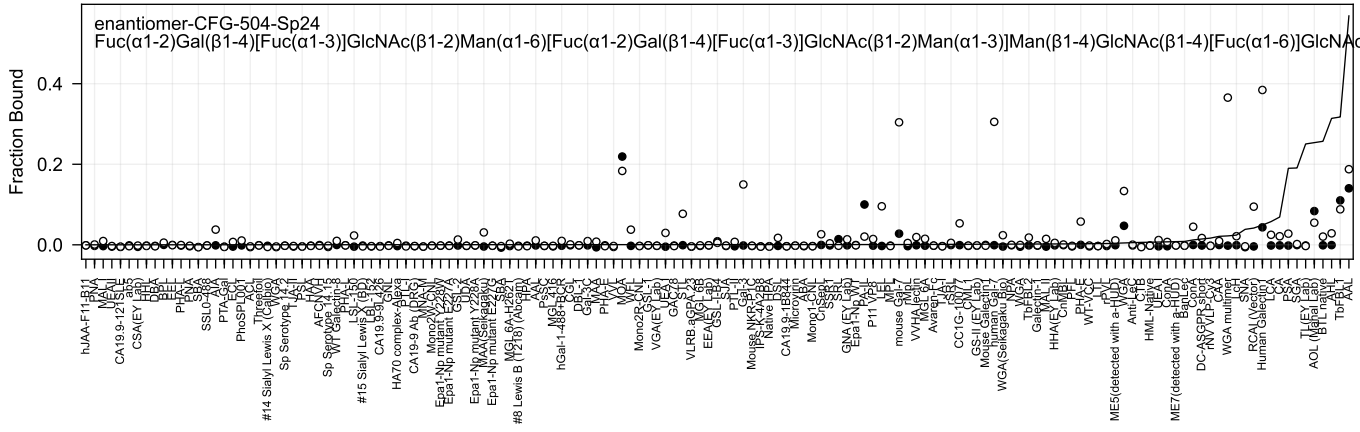

enantiomer-CFG-499-Sp8
Gal(α1-3)[Fuc(α1-2)]Gal(β1-3)GalNAc(α-Sp8
Fraction Bound
0.0
0.2
0.4
CSA(EY Lab)
PSA
CA19.9-1B78
CA19.9-1B42
EEL
MAL
MAA
MAA
human Galectin-1
MAA(Seikagaku)
MAL II
PSL
PNA
VVHA Heph
Sp Serotype 14.2
HA/70 Rotavirus
RCA(Vector)
#15 Sialyl Lewis X
TBA
SBA
SBA
hGal-1-488+PC-P
TL(EY Lab)
UEA I
ZAIL
ZAIL
Tdf-BL2
HEA
DBA
Anti-HA
MPA
UEA I
MVGA
Human Galectin1
Mouse Galectin1
AAL
VGA
VGA(EY Lab)
WGA
PNA
HHA(EY Lab)
HHA(EY Lab)
GS-II (EY Lab)
GNA(EY Lab)
GNA
Microcystin
GNII
PhoSP-Bio
Bio
CGA
CGA
CA
CA
Epa1-Np mutant Y229G
aGP
SBA
HML-Native
CA19-9 Ab (DSG)
CA19-9 Ab (DSG)
MGL6A
GP-23
VLRB.aGPA.23
Epa1-Np
Mouse NK-RP-PC
Tomato
Sp Serotype 14.19
Sp Serotype 14.19
PSL
LSL
Native HA
Epa1-Np mutant E227G
Epa1-Np mutant E227G
AIL
AIL
CA19.9-1A228
Mono2VL-CAT
CML
CML
CnSepE
CnSepE
MGL-488
SSL2-488
#8 Lewis B (T218) (Abcam)
PSL
PSL
Epa1-Np mutant E227A
PSA(EY Lab)
Epa1-Np mutant E227A
Epa1-Np mutant E227G
#14 Sialyl Lewis X (Calbiog)
Gal-3C
Mono2R-CAT
LBL-1B2
CMV
WFL
hJAA-F11-4A1
F11-2B8
SBL
Galectin-1
MEF(detected with a-HUD)
MEF(detected with a-HUD)
WFA
Gal
BTL (native)
AOL (Mahal Lab)
PSSC
CGB
CGB
CC1G-10077
mouse Galectin-7
TbFBP
GSL-I
GSL-I
SNA
SNA
WGA multimer
WGA(Seikagaku)
HAA
DC-ASGPR-Sp8
WL Galectin-8
EEA(EY Lab)
PSA
PSA
PTA-Gal
MAL
EEL
EEL
MEL
MOA

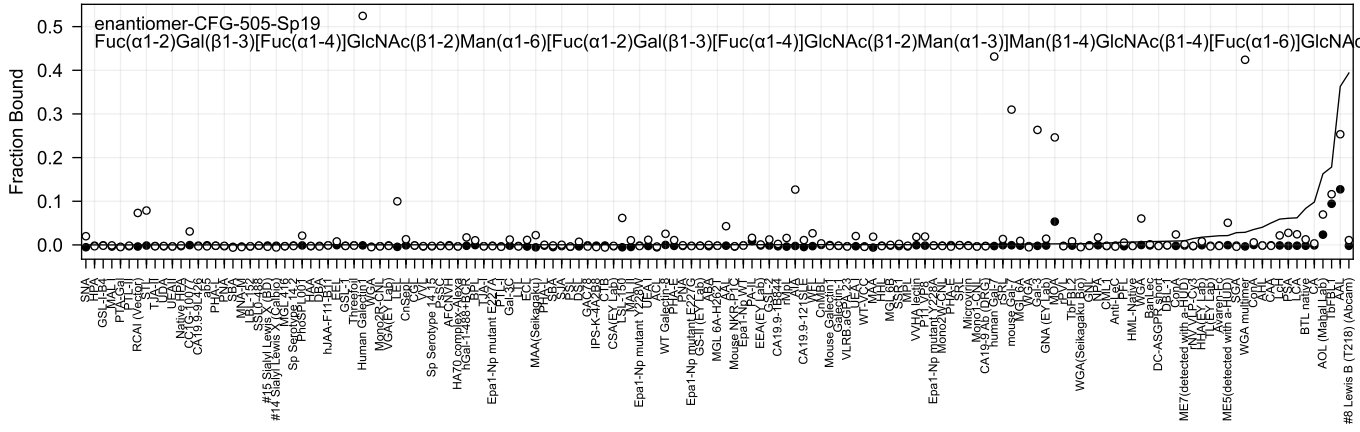

enantiomer-CFG-500-Sp8
Gal(α1-3)[Fuc(α1-2)]Gal(β1-3)GalNAc(β-Sp8
Fraction Bound
0.0
0.2
0.4
MAA
MAA
ACG
VCA
GNA (EY
LCA
SCA
HHA(EY
ME7(detected with a1-HD)
WGA(Seikagaku)
MAA(Seikagaku)
PNA
BPL
BYL
BTL
ME5(detected with a1-HD)
WFL
MAA-AM
VGA(EY Lab)
SNA
SBA
SBA
TJA
UEA
EAA
HPA
HHA
#15 Sialyl Lewis X (BP)
UEA
CGA
CGA
Human Galectin1
Human Galectin3
Epa1-Np mutant Y227A
Epa1-Np mutant Y228A
Epa1-Np mutant Y229A
CA19.9-Ag(Seq)
DBA
Thrombin
ACA
CA19.9-Ag2a
HA70 complex
Microvillin
rSBP
CA
CA
AOL (Mahal Lab)
MGL 4A6
MGL 4A6
GNL
VVL
TL(EY Lab)
MGL 6A (Lab)
MGL 6A (Lab)
human Gal-7
mouse Gal-7
ASA
ASA
#14 Sialyl Lewis X (Calbio)
DBL-1
Epa1 Mt 98
Mouse NKS-D-C3
INV MEL-D-C3
WGA
WGA
CGA
CGA
Bandeiraea
Monoclonal
Monoclonal
SSL1
SSL2
hAA-I (Lab)
CSA(EY Lab)
hGal-1488+PEG
CA19.9-12 SCE
Sp Serotype 12 f 2
Sp Serotype 14 f 1
Sp Serotype 14 f 2
PNA
PNA
GSII (Lab)
LSI-150
CCL1 (Lab)
HNK-Neuo4
CA19.9-Ag(Seq)
MGL 6A
LEL
BPL
BPL
Galectin-1
iPS-K-Ag3
PTL-II
RCAI (VeBeS)
Galectin-8
Galectin-9
OST
OST
PhosphoDIT
Human IgG
Naive HPA
VLRB.a3 HPA
HPA
HPA
WT Galectin-1
AIL
PTL-II Y228W
Monoclonal
Epa1-Np mutant Y229W
BTL
RVP
WGA Bin Linker
DCAS Bin Linker
CAIT
CAIT
GNA
SNA
PAA
PAA
Anti-Leb
VVA
VVA
EEA(EY Lab)
WT Galectin-3
GSL-I B4
EEL
PTA (Lab)
MOA

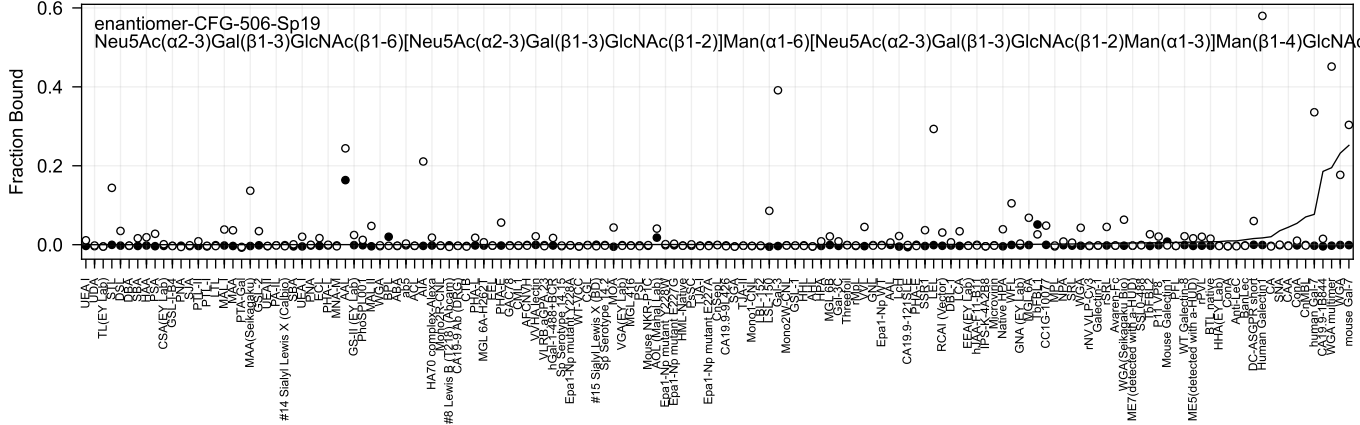

enantiomer-CFG-501-Sp10
Glc(α1-6)Glc(α1-6)Glc(α1-6)Glc(β-Sp10
Fraction Bound
0.0
0.1
0.2
0.3
0.4
MGL-64 (H2627)
LYA
MGL-8/8
VGA(EY Lab)
SRL
WGA(Seikagaku, Bio)
VVL
TL(EY Lab)
STL
SBA
PHA-E
UEA-I
MAA
GNA
SNA
Epa1-Np mutant Y296F
CA19-9 Ab (Y2C)
Sp Serotype 12-2
MGL-4/8
IPS-K-12-268
#15 Sialyl Lewis X (BD)
#8 Lewis B (1218) (Ab-Lab)
LSL-135
MPA
hGal-1-488-EY Lab
hJAA-F11-B1
GS-I-B4
Mono2R-CNL
EEL
PNA
CSA(EY Lab)
HAA
Threapsin
AA
Human Galectin-3
CC1G-7/2/7
CD2
Epa1-Np 997
UEA-I
UEA
Mono2R-CNL
Mono2R-CNL
Macrophage
Epa1-Np mutant E271A
HA70 complex-Alexa
Epa1-Np mutant E227G
GNA(EY Lab)
CnSpl
BaWEA
Epa1-Np mutant P216A
SRL
Epa1-Np mutant P216A
Mouse NKR-P1
Sp Galectin-15
WT Galectin-3
VGA(EY Lab)
VLRB aGP7 x22
PhoSL (Ab)
pTT
OSA
AFCNA
PCA
RCA(Vector)
Native Elastase
EC1
EC2
PsSL
Gal-3C
Gal-3N
AoTNV VLR
#14 Sialyl Lewis X (Ab-Lab)
PSA
CA19.9-1/2
SLE
EEA(EY Lab)
MAA(Seikagaku)
Human Gal-7
human Gal-7
STL
MAL-I
MOA
MAL-II
MAA
BPL
PSA
CA19.9-1/2
HHA(EY Lab)
HPA
AvaCoA
Mouse Galectin-1
WGA multimer
Galectin-1
TPVL
PHA-E
BTL
PHA-E
SSL (Ab)
ME7(detected with a-HCD)
DC-ASGPR stock
SNA
Anti-Gal-3
ME5(detected with a-HCD)
SRL
GS-II (EY Lab)

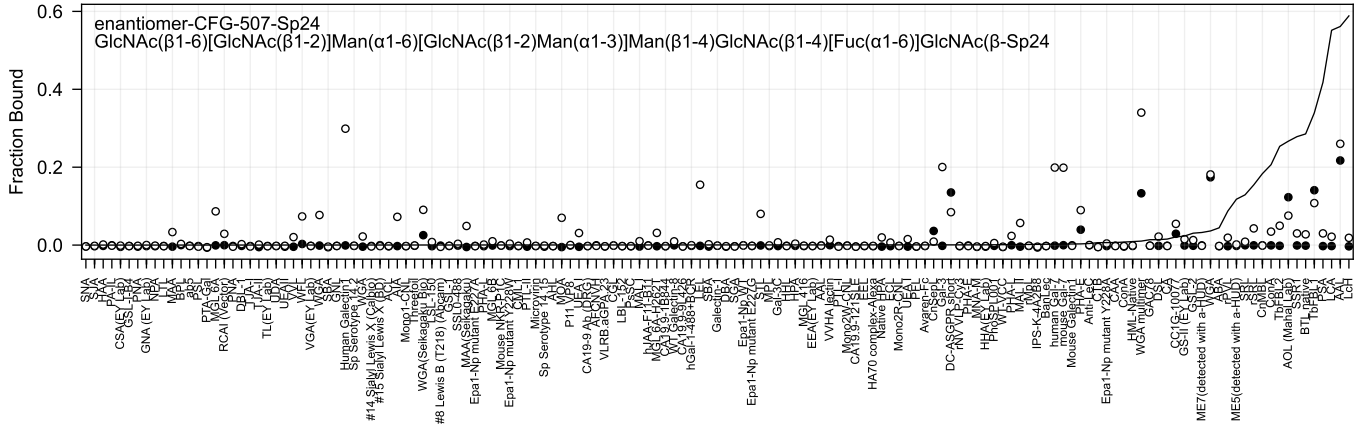

enantiomer-CFG-502-Sp10
Glc(α1-4)Glc(α1-4)Glc(α1-4)Glc(β-Sp10
Fraction Bound
0.25
0.20
0.15
0.10
0.05
0.00
MGL 6A-1(H267)
FCB2-1
CA19-9 Ab (DRG)
SGA
WGA(Seikagaku)
UEA
TL(EY Lab)
MOR
SBA
PTL-I
PNA
P-PA
MAL I
MAA(Seikagaku)
MAL II
HA70 complex-Alexa
Influenza
VVA
HA legin
PhoSL (DC)
NGA-1-18
hGal-1-125
LBT-125
WFA-A
MNA-M
UEA-I
SBA
GS-II (EY Lab)
IPS-Man
Xylan
human Gal-7
BPA
PHA-E
MNA
LCA
WT Galectin-1
ECL
MAL
Threonin
Epa1-Np
DBA
PHL
WGA
CAA
NAA
Mouse Galectin-1
LEL
UEA-I
LCA
GSL-I-B4
CSA(EY Lab)
Human Galectin-7
CAA
HML-Native
PHA-L
PHA-E
GNA (EY Lab)
Mouse NKR
EEL
CA19-9-Ab
CA19-9-Ab
mouse Gal-7
SNA
Epa1-Np mutant E272A
SNA
VGA(EY Lab)
Monoclonal
Sp Serotype 14-2
Epa1-Np mutant Y228A
AAL
GAL(Vector)
CA19-9-10844
CA19-9-12
nNV VLP-P-K1
SGL
Sp Serotype 14-2
CA19-9-12
SLE
BPL
#15 Sialyl Lewis X
Epa1-Np mutant E272A
#8 Lewis B (T218) (Abcam)
SNA
GSL-I
Epa1-Np mutant Y228A
PNA
AOL (Mahal Lab)
Cnb-Lab
#14 Sialyl Lewis X (Calbiochem)
ABA
CnWGA
MOR
SSA-188
PAL
VLRB.aGPA
VLRB.aGPA
Naive-PA
Naive-PA
Mono2W-SNA
HHA(EY Lab)
SSL
SSA
GSSRY
RCA(Vector)
PVR
NPA
Cab5
Galectin-1
CnA
hJAA-F11
PHA-L
PHA-E
BTL mutant
SNA
DC-ASGPR
DC-ASGPR
ME5(detected with a-1)
ME7(detected with a-1)
SNA
Anti-LeC

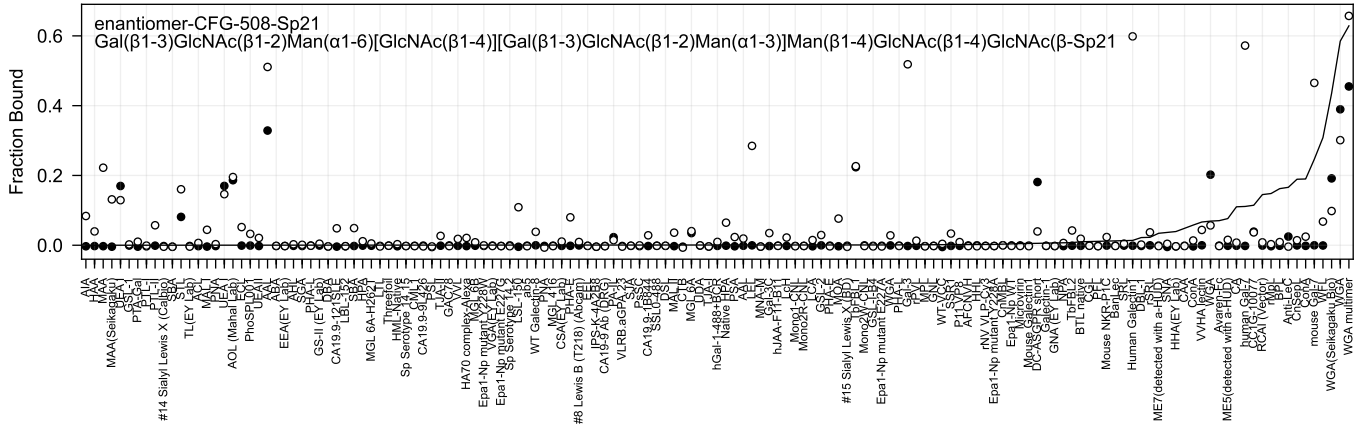

enantiomer-CFG-503-Sp14
Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-6)[Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-3)]GalNAc(α-Sp14
Fraction Bound
0.3
0.2
0.1
0.0
SNA
Mono2W-SNA
LEA
AOL (Mahal
Wgcryxxb
LTA
CA19.9-1-ASGB
CA19.9-1-326
CA19.9-1-425
Galectin-3
WGA
WGA/HA lectin
HA70 complex
Alexa
MOGAT1
TBPB-1
ABL
Lectin
Native PPA
WGA(Seikagaku)
RPA
UEA
TL(EY Lab)
GSII (EY Lab)
GNA(EY Lab)
Epa1-Np mutant E226Q
Epa1-Np mutant E226A
Epa1-Np mutant T227A
PhoSL-001
Avarol-PE
SP2
Sp Serotype 14
hGal-1
MGL-4-18
ME7(detected with a-HUD)
LBL (Lectin)
ME5(detected with a-HUD)
MVA
MVGA
VGA
VGA(EY Lab)
UEA1
SBA
PNA
PNA
PY (Lab)
HHA(EY Lab)
AAL
hJAA-F11-B11
LCA
LTA
GSL-I-A4
HPA
HPA
LTA
EEL
GSII-2
SBA
SBA
P11
Mono1-CNX
ACL
Mouse NKR-P1C
VCA
Mouse Galectin-1
Con A
DBA
PHA-L
PHA-E
RCA
RCAI (Vector)
PTL-I
PTA
PTA (Lab)
PHA-P
MAL I
MAL II
NPA
NPA
PHA-E
WGA
VVA
VLRB.aGPA.23
VLRA.aGPA.33
HML-Nanobody
Epa1-Np mutant E226A
rNV VLP-C23
human Galectin-3
SGA
#8 Lewis B (T218) (Alpha
Mono02R-CNX
CSA(EY Lab)
PSL
Galectin-8
SSC
AFCWL1
Sp Serotype 14 (13
UEA-II
Epa1-Np mutant Y226W
CA19-9 Ab (TBEC)
GAL-8
TBPB-2
Galectin-9
WT Galectin-9
CCTK-00074
Galectin-7
CSBP
SSA
MGL 6A-H2821
Galectin-1
BTL-VCC
#14 Sialyl Lewis X (Calbiochem)
Human Galectin-7
TS086 Gal-7
DC-SIGN
#15 Sialyl Lewis X (Biol
VVA
SSL-1288
MAA(Seikagaku)
STL

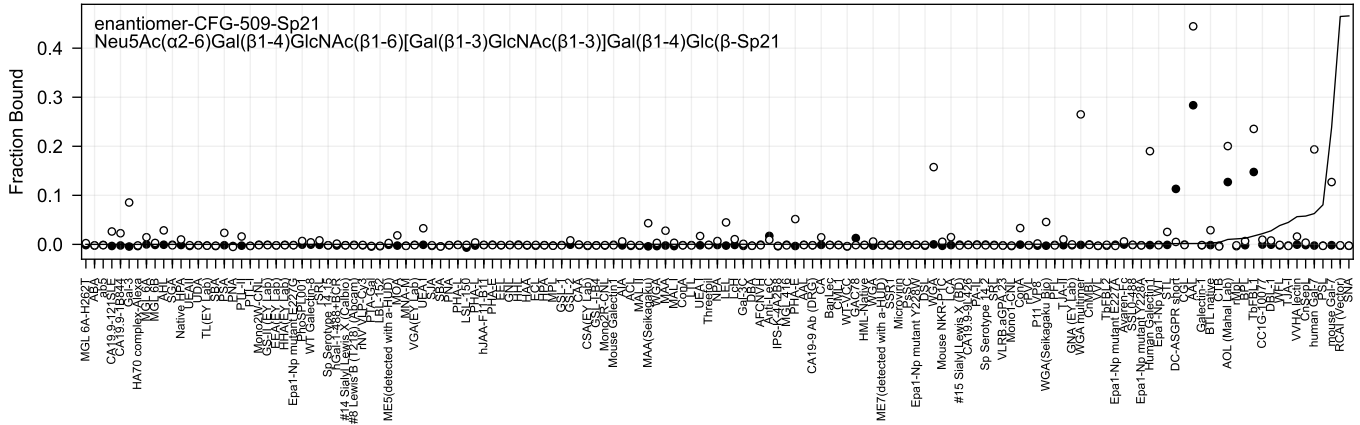

enantiomer-CFG-504-Sp24
Fuc(α1-2)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-2)Man(α1-6)[Fuc(α1-2)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)[Fuc(α1-6)]GlcNAc
Fraction Bound
0.0
0.2
0.4
hJAA-F11
BPA
MAL
CA19.9-12
ISLE
CSA(EY Lab)
abo
FBP
BPL
PHA-E
PNA
SSL-28
SBA
PTA
ECA
PhoSP-LPG
DBA
#14 Sialyl Lewis X (Calbiochem)
Threonin
Sp Serotype 14
Sp Serotype 14.2
PSL
WT Gal-8 (Lab)
AFCH
Sp Serotype 14.18
#15 Sialyl Lewis X (Lab)
CA19.9-IgG
CA19.9-IgM
HA70 complex
CA19-9 Ab (PRG)
Mono2(WACN)
Epa1-Np mutant Y229W
Epa1-Np mutant CSL2A
Epa1-Np mutant Y229A
Epa1-Np mutant NAA(Seikagaku)
Epa1-Np mutant E230A
#8 Lewis B (1216) (Abcam)
MGL-6A-1262T
MGL-6A-1262
PEA
ESA
NGF-21B
hGal-1-488
PGC
Dol-1
GNA
MAA
PHA-L
MOA
Mono2R-CNT
VGA(EY Lab)
GS-I
VEA
GP-Sp
VLRB.aGPA.23
MVA
EEA(EY Lab)
GSL-I-B4
PHA-P
Mouse NKR-P1C
Mouse NKR-P1A
IPS
Mouse CD69-Fc
Native DSL
CA19-9-IgG
Mono1(ABC)
Mono1(ABA)
OCL
SSA
SSBL
SSB
GNA (EY Lab)
Epa1-Np
NPA
VSL
P11
MPL
mouse Gal-7
VVHA
HA-Leg-in
Avarol
TJA-I
TJA-II
CC1G-10017
GS-II (EY Lab)
Mouse Galectin-1
Mouse Galectin-3
WGA(Seikagaku Biol)
NPA
TbFB-2
Galectin-1
HHA(EY Lab)
CrPP
BPE
WFA-ACE
PNL
ME5(detected with a-HUD)
AntiVGA
CTB
HML-NBPA
ME7(detected with a-SOD)
BauLec
DC-ASGPR-Cont
RNVVLP-CX4
CVN
WGA mutmer
SNA
RCA (Vector)
Human Galectin-7
LCA
PSA
SGA
TL (EY Lab)
AOL (Vector Lab)
BTL native
TbFBP
AAL

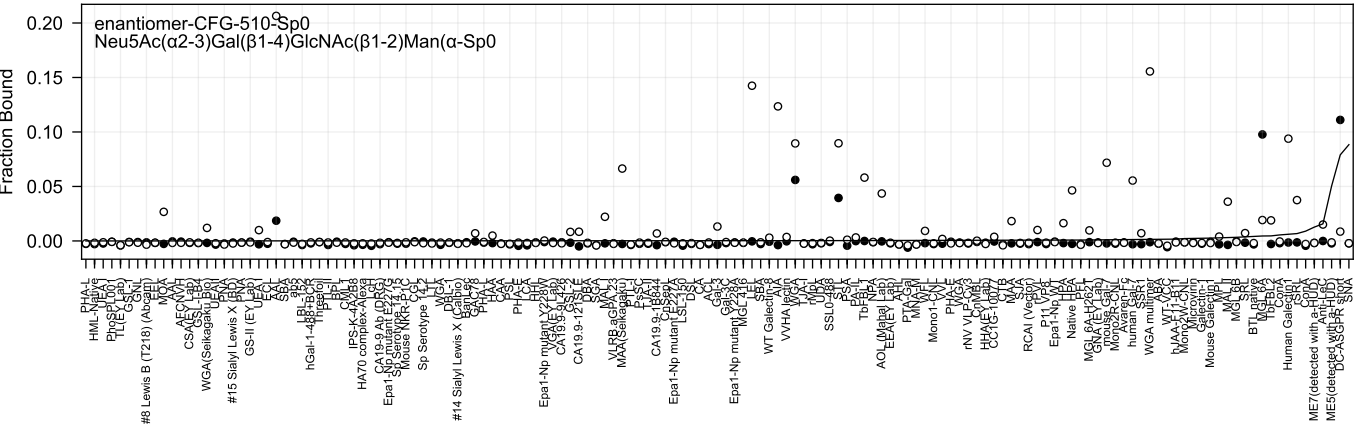

enantiomer-CFG-505-Sp19
Fuc(α1-2)Gal(β1-3)[Fuc(α1-4)]GlcNAc(β1-2)Man(α1-6)[Fuc(α1-2)Gal(β1-3)[Fuc(α1-4)]GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)[Fuc(α1-6)]GlcNAc
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
SNA
GSL-I-B4
GSL-I-A4
PTA(Gal)
RCAI (Vector)
SNA-I
TJA-I
UDA
Native Fetuin
CCL2-1077
CA19.9-SLe(a)
PHA-L
PHA-E
SBA
MVA
LEL
SSL-1-488
#15 Sialyl Lewis X (Abcam)
#14 Sialyl Lewis A (Abcam)
NGF 418
Sp Serotype 1 (01)
PNGase F
TIBA
hJAA-F11-B11
GSL-I
Thioglycol
Human Ghrelin
WGA
Wheat Germ
MOR(EY Lab)
LEL
Cn-Galectin
SSL-1
Sp Serotype 14 V
AFGP
FSSS
HA70 complex Alexa
hGal-1-488-BCP
TJA-I
Epa1-Np mutant E271A
Gal-3C
ECL
MAA(Seikagaku)
PNA
SBA
BSL
DSL
GNA
IPS-K-A-288
CSA(EY Lab)
TSL-1-B1
Epa1-Np mutant Y228W
UEA-I
WT Galectin-8
PNA
Epa1-Np mutant E227G
GSS-II (EY Lab)
ABA
MGL 6A-H2621
Mouse NKR-P1C
Epa1-Np WT
PA-IL
EEA(EY Lab)
CA19.9-TB244
MAL
CA19.9-121-SLF
CnMBL
Mouse Galectin-1
Mouse Galectin-3
VLRB.aGPA-23
WT-ECL
MAA
MGL-1B
SSA
SSL-1
VVHA (Jeppe)
Epa1-Np mutant Y228A
Monoclonal-PCAL
SNA
Microcoli
Mannan (Sigma)
CA19.9 AD (DRG)
human SSL
mouse Gal-7
WGA (Sigma)
Gal-1
GNA (EY Lab)
MOR
TJA-I
TbFBL2
WGA(Seikagaku) (Sigma)
NPA
CnLec
AnLec
BFL
HML-N
WGA
DC-ASGPR
Barley
DSL-1
ME7(detected with a-HUD)
HNA(EY Lab)
TJA(EY Lab)
ME5(detected with a-HUD)
SCA
WGA mutant
Control
CAA
CAA
PSL
LCA
BTL native
BTL
AOL (Mabtech)
TBA
#8 Lewis B (T218) (Abcam)

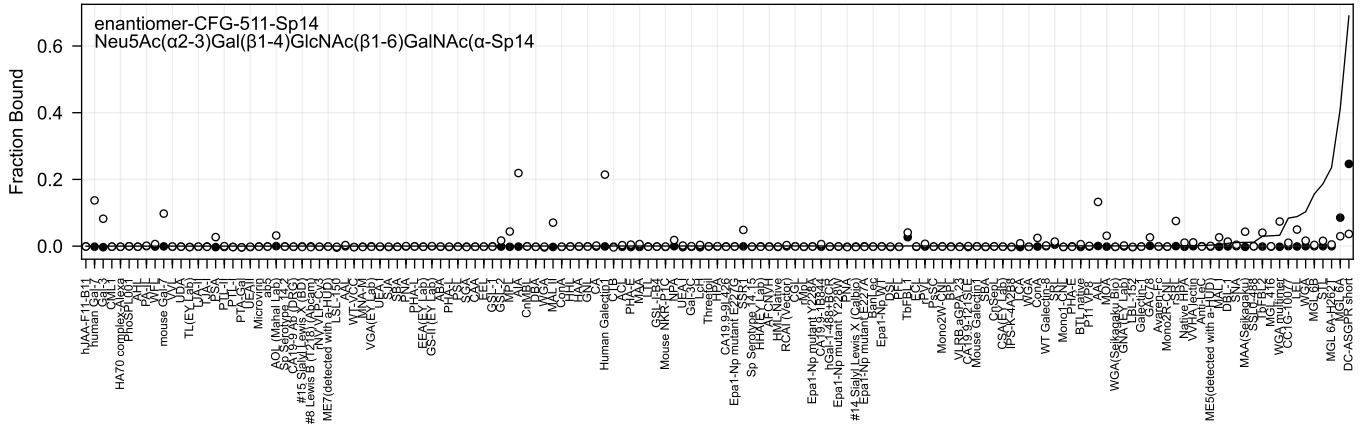

enantiomer-CFG-506-Sp19
Neu5Ac(α2-3)Gal(β1-3)GlcNAc(β1-6)[Neu5Ac(α2-3)Gal(β1-3)GlcNAc(β1-2)]Man(α1-6)[Neu5Ac(α2-3)Gal(β1-3)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNA
Fraction Bound
0.6
0.4
0.2
0.0
UEA
UDA
TL(EY Lab)
DSL
CSA
BSA
BAA
CSA(EY Lab)
GSL-IB4
SJA
PTL-I
PTL-II
MAL
MAA
PTA(Calbiochem)
MAA(Seikagaku)
GSL-I
UEA-I
ECL
#14 Sialyl Lewis X (Calbio)
UEA
EVA
ECA
PNA
PNA-1
MPL
AAL
GSL-II (EY Lab)
PhoSL
WAL
ABA
ABA
ACL
ACA
HA70 complex-AIA
#8 Lewis B (Calbiochem)
Monoclonal CNT
CA19-9 AB (DBS)
CTB
PSA
MGL 6A-B2-1
PHA-E
GNA
GSL-III
AFCN/1
VVL-B4
hGal-1-488-BCS
Galectin-12-488
Epa1-Np mutant E227A
WT-XCC
#15 Sialyl Lewis X (BD)
Sp Serotype
MGX
VGA(EY Lab)
MGL 6A
BSL
Mouse NKR-P1C
Epa1-Np mutant W228N
Epa1-Np mutant W228A
Epa1-Np mutant E227A
MW-E
EsSC
Epa1-Np mutant E227A
CA19.9-3-Sepharose
SCA
TJA-I
Mono1-CNT
LBL-1-B3
Gal-3
Mono2-CNT
CGL
TIA
HPA
ABA
MGL-488
Threojol
IWJ
GNL
GNT
Epa1-Np
AAL
CA19.9-12-BCS
BPL
PLA2-BS
SEL
RCA I (Calbio)
LCA
EEA(EY Lab)
EEA(EY Lab)
hPS-X-1A288
Native HPA
WFL
GNA (EY Lab)
WGA (EY Lab)
CC1G-10-1
NPL
SBL
SRL
rNV VLP
VGA
Galectin-1
Avarrep-Fc
WGA(Seikagaku)
ME7(detected with a-PrP)
SSL-1-488
SSL-2-488
P17-P8
Mouse Galectin1
P17
WT Galectin-8
ME5(detected with a-PrP)
RTL
Native
HHA(EY Lab)
CGA
Anti-Lec
DC-ASGPR short
DC-ASGPR short
Human Galectin1
SNA
CGA
CGA
CGA
human-Galectin-1
CA19.9-1-B244
WGA mutant
HPA
mouse Gal-7

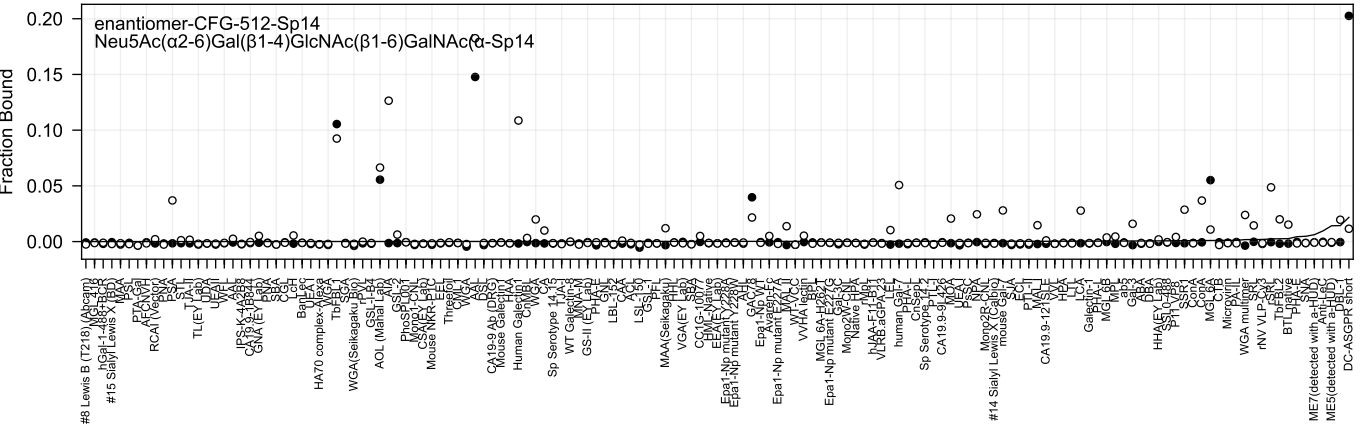

enantiomer-CFG-507-Sp24
GlcNAc(β1-6)[GlcNAc(β1-2)]Man(α1-6)[GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)[Fuc(α1-6)]GlcNAc(β-Sp24
Fraction Bound
0.6
0.4
0.2
0.0
SNA
SNL
PHA
PHA-L
CSA(EY Lab)
GSL-I-B4
GNA (EY Lab)
NPL
MAA
MAL
abo
PTA
PTA-Gal
RCAI (Vector)
PNA
DBA
TL-1
TL(EY Lab)
UDA
UEA-I
WFL
VGA(EY Lab)
WGA
SBA
Human Galectin-1
Sp Serotype 14 X
#14 Sialyl Lewis X (Calbiochem)
#15 Sialyl Lewis X (IDC)
Mouse Galectin-1
Threitol
WGA(Seikagaku, Lot 1)
#8 Lewis B (T218) (Calbiochem)
SSL-1
MAA(Seikagaku)
Epa1-Np mutant Y22A
BTA-A
Mouse NKR-P1B
Epa1-Np mutant Y22A-V
PHL-II
Mico
Sp Serotype 14
Ash
P11
VSA
CA19-9 Ab (DEA)
CA19-9 Ab (NCI)
AEA
VLRB.aGOT
GAL
LBL-1
WAL
hNAA-T-811
MUC1-T-811
CA19-9-TB244
CA19-9-TB128
hGal-1-488+DTT
SBA
Galectin-1
SGA
Epa1
Epa1-Np mutant Y22A
Epa1-Np mutant Y22A-V
SPL
Gal-3C
HPA
TEL
EEA(EY Lab)
AAL
VVHA (Calbiochem)
Mango2V-CNL
CA19.9-12
SEE
HA70 complex-A/B/X
Native ECL
Monoz2RCA-I
PEL
Avarose
CNA
Gal-3
DC-ASGPR
RNA VLP-Gp3
MAA-H
MAA-M
HHA(EY Lab)
PNA-T
EYCO
MAL-I
IPS-K-4 (Vector)
human Galectin-8
human Gal-7
mouse Gal-7
Mouse Galectin-1
Ani-I-E
Epa1-Np mutant Y22A
CTB
Epa1-Np mutant Y22A-V
CGA
HML-N
CoNA
WGA (multivalent)
GNA
CC1G-1002
GS-II (EY Lab)
VGA
ME7(detected with a-SSLD)
ME5(detected with a-1-LD)
AOL (Marine Sci)
SSL-1
SSL-2
CCL
TbPBL2
TbPBL1
BTL
TbPBL3
PSA
AAL
LCH

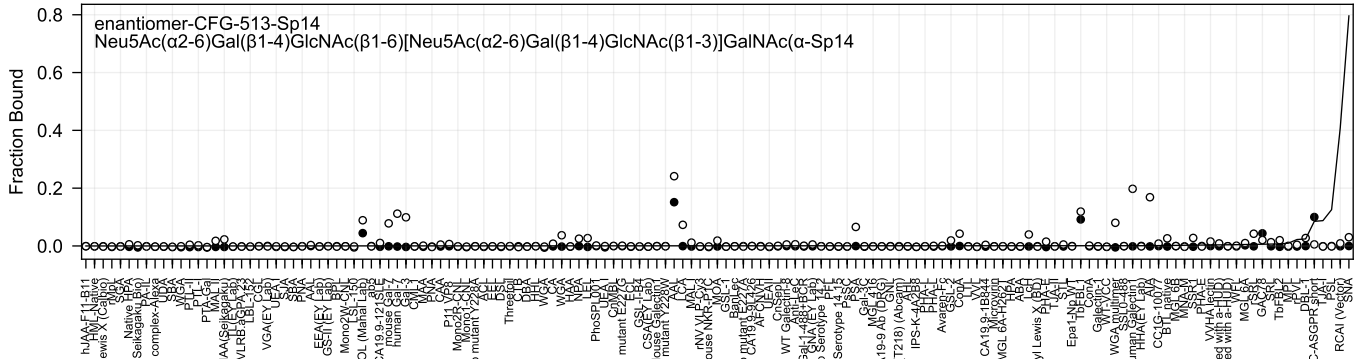

enantiomer-CFG-508-Sp21
Gal(β1-3)GlcNAc(β1-2)Man(α1-6)[GlcNAc(β1-4)][Gal(β1-3)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp21
Fraction Bound
0.0
0.2
0.4
0.6
AIA
LFA
MAA
MAA(Seikagaku)
SNA
PNA
PTA-I
PSA-I
ECL
#14 Sialyl Lewis X (Calbio)
SBA
TL(EY Lab)
MAL
PWA
UEA-I
AOL (Mahal Lab)
PhoSPLD
UEA-II
ABA
EEA(EY Lab)
PHA-E
SCA
PHA-L
GS-II (EY Lab)
DBA
CA19.9-12-152
LEL
SBA
MGL 6A-H2-27
Threefoil
HML-Native
Sp Serotype CML1
CA19.9-S-426
LTA
GNA
VVA
HA70 complex Alexa
Epa1-Np mutant (Y288W)
Epa1-Np mutant (E279Q)
Sp Serotype 14-1
LSL-1-1-3
WT Galectin-3
MGL-416
CSA(EY Lab)
#8 Lewis B (T218) (Abcam)
IPS-1-4-A288
CA19.9 Ab (DAKO)
VLRB.aGPA.23
PSSC
CA19.9-DR44
SSL1-DR44
DSL
MOA
MGL-8A
UDA
hGal-1-488-BSA
Native PSA
AEL
MNA-N
MNA-M
hJAA-F11-B11
Mono1-CNL
Mono2R-CNL
GSL-2
PVGL
#15 Sialyl Lewis X (BD)
Mono2V-CNL
GSL-1-B4
Epa1-Np mutant (E279A)
WGA
PAL
Gal-1
PNA
GNL
WTSCG7
P11-VP8
AfCNH
rNV VLP-C43
rNV VLP-C43
Epa1-Np mutant (Y288A)
CAMBR
Epa1-Np (WT)
Mouse Galectin1
DC-ASGPR-Galectin1
GNA(EY Lab)
ECA
TcFBL2
BTL native
VCL
Mouse NKR-P1C
Ban lec
SRL
Human Galectin-1
BGL-1
ME7(detected with a-PrPD)
SNA
HHA(EY Lab)
CAA
Con A
VVHA
WGA
Avarrhoa
ME5(detected with a-PrPD)
CA
human Galectin-3
CCTR-10677
RCAI (Vector)
BPL
Anti-Lewis Y
CNSeq
mouse Galectin-3
CA19.9
VFL
WGA(Seikagaku)
PSA
WGA multimer

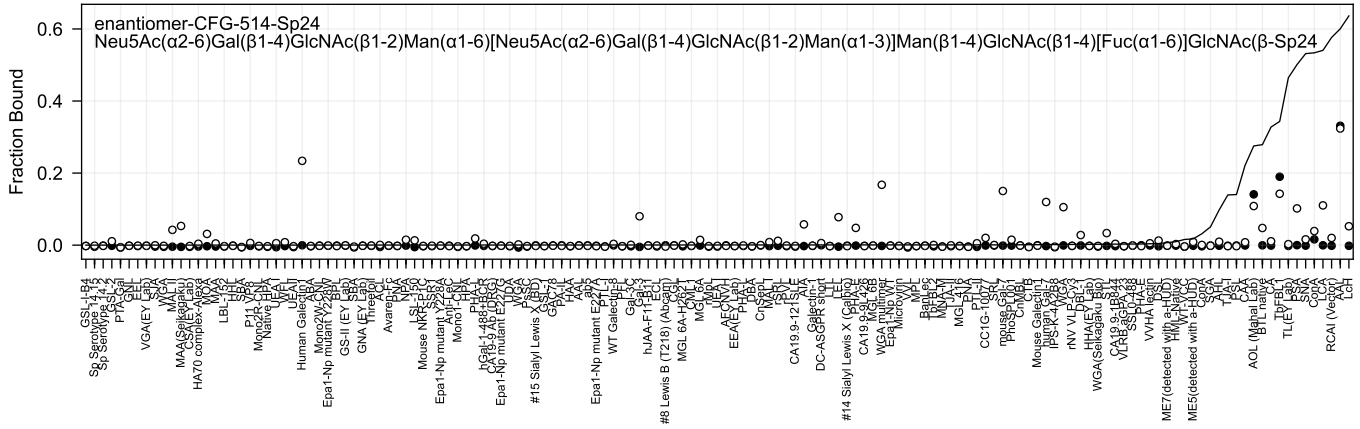

enantiomer-CFG-509-Sp21
Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-6)[Gal(β1-3)GlcNAc(β1-3)]Gal(β1-4)Glc(β-Sp21
Fraction Bound
0.0
0.1
0.2
0.3
0.4
MGL 6A-H2627
ABA
CA19.9-12
ABP
CA19.9-18844
PNA
HA70 complex
Galectin-3
MGL-6B
ABL
SBA
Native UEAI
UDA
TL(EY Lab)
SBA
ENA
PTL-I
PTL-II
Monoclonal CNL
CEA(EY Lab)
HPA(EY Lab)
Epa1-Np mutant Y228V
BioSPECTOR1
WT Galectin-8
Sp Serotype 14
Sp Serotype 18
Sp Serotype 23F
#14 Sialyl Lewis X (Calbio)
#8 Lewis B (TRIB/Abcam)
ME5(detected with a-SSR7)
PHA-E(a-Lab)
PHA-L(a-Lab)
WGA
MVA
VGA(EY Lab)
UEA
SBA
PNA
PHA-L
LCA
hJAA-F1-B11
PHA-E
GNL
GNA
DSA
FPA
MPL
SSL-1
CAA
CSA(EY Lab)
GSL-I B4
Monoclonal CNT
Mouse Galectin-1
AIA
MAL-I
MAA(Seikagaku)
MAA
MAL
UEA-I
Threoglobin
NEA
LEL
Galectin-7
ABP
AFCNA
IPS-CA-A268
MFA-1-E
CA19.9 Ab (DRC)
AAL
Bandeiraea
WT Galectin-1
WT Galectin-3
HML (Galectin-10)
WGA
ME7(detected with a-SSR7)
Microgen
Epa1-Np mutant Y228V
WGA
Mouse NKR-P1C
#15 Sialyl Lewis X (Calbio)
CA19.9-9A2E
Sp Serotype 12
VLRB.aGP.35
Monoclonal CNT
PVL
P11
WGA(Seikagaku) (Bio)
PFL
TJA-I (Lab)
GNA (EY Lab)
WGA (Lab)
Epa1-Np mutant E227A
Epa1-Np mutant Y228A
Human Galectin-1WT
STL
DC-ASGPR CRD
CCL
BTL native
Galectin-7
AOL (Mahal Lab)
MPL
Tye-B-1
CC1G DOA71
VVL-I
VVL-II
VVHA (Lab)
human Galectin-7
PSL
RCA120 (Calbio)
SNA

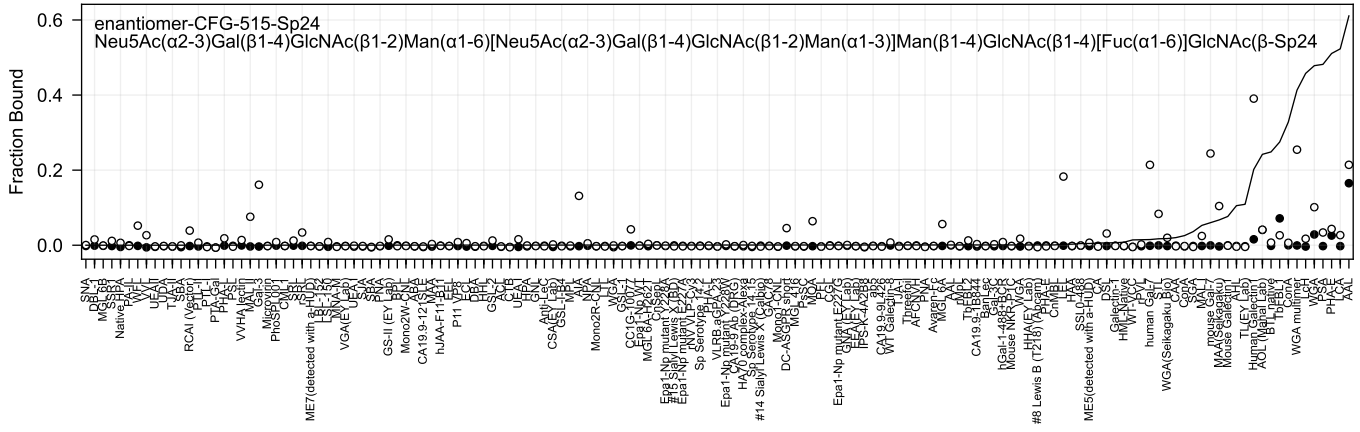

enantiomer-CFG-510-Sp0
Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-2)Man(α-Sp0
Fraction Bound
0.20
0.15
0.10
0.05
0.00
PHA-L
HML-Native
PhoSL (EY Lab)
TL(EY Lab)
GNL
#8 Lewis B (T218) (Abcam)
MOA
AEA
AVA
CSA (EY Lab)
WGA(Seikagaku)
BPL
UEA I
#15 Sialyl Lewis X
PNA
GS-II (EY Lab)
UEA I
ZAI
SBA
hGal-1-488
hGal-1-488 Tech
Human Galectin-1
PSL
IPSL-II
CML1
HA70 complex-Alexa
Epa1-Np mutant Y2
CA19.9-1-488
Epa1-Np mutant Y2 Tech
Sp Serotype 1 Y2
Mouse NRP-1 Y2
CGL
Sp Serotype 14 Y2
WGA
#14 Sialyl Lewis X (Calbio)
DSA
BSL-II
PHA-E
CAA
PSL
PHA-L
Epa1-Np mutant Y2 Tech
VGA(EY Lab)
CA19.9-12
SSL2
CA19.9-12 Tech
SGA
MAL
VLRB aGMA2
MAA(Seikagaku)
ECA
FSL
CA19.9-1-488
CA19.9-1-488 Tech
Epa1-Np mutant Y2 Tech
LEL
LEA
DSL
ACL
ACA
Gal-3
Epa1-Np mutant Y2 488
MGL-488
LEL
SBA
WT Galectin-1
NVA
VVHA (Vector)
TJA-I
TJA-II
OJA
SSLI-488
PSA
PSA
TxB
EBL
NPA
AOL(Mabat Lab)
LEA(EY Lab)
ATA
PTA
MNA-M
Mono1-CNL
PHA-E
PHA-L
WGA
nNV VLP(Mab)
HHA(EY Lab)
CCTB
CTB
MAA
RCAI (Vector)
P11
Epa1-Np
Epa1-Np Tech
Native LEA
MGL 6A-1-488
GNA (EY Lab)
Mono2R-CNL
human Galectin-7
SSR1
WGA multiple
hAAA WT-VLP
Mono2W-CNL
Galectin-1
Galectin-3
Mouse Galectin-1
MAL I
MGSBP
BTL native
BTL Tech
Human Galectin-3
ConA
SRL
ME7(detected with a-HOD)
ME5(detected with a-HOD)
Anti-HS
DCA(SGPR sites)
SNA

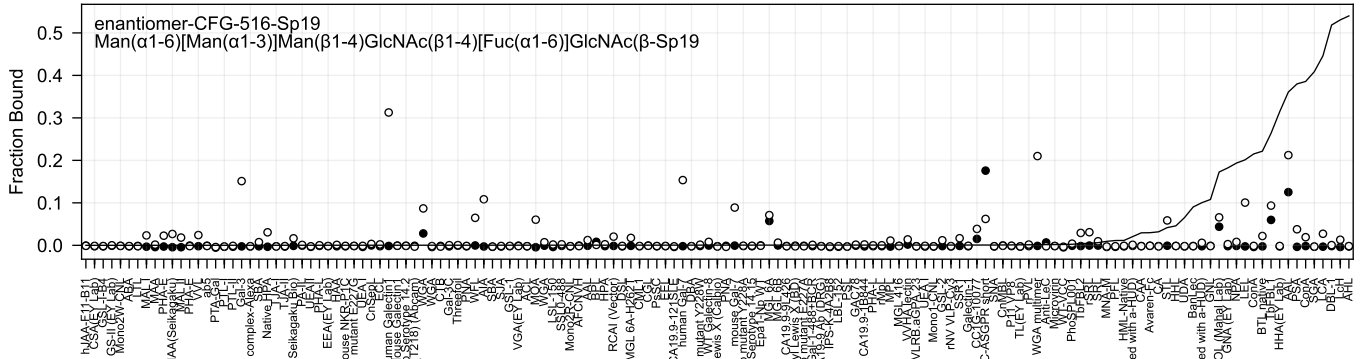

enantiomer-CFG-511-Sp14
Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-6)GalNAc(α-Sp14
Fraction Bound
0.0
0.2
0.4
0.6
hAA-F11-B11
human Gal-1
Gal-3
Gal-9
HA70 complex
PhoSL-AGA
AAL
PSA
mouse Gal-7
PTL-I
PTL-II
UEA-I
Microvirin
AOL (Mahal Lab)
Sp Serotype 14
#15 Sialyl Lewis X (BD)
#8 Lewis B (Y Lab)
ME7(detected with a-HUD)
LSL
ACL
WFA(Vector)
VGA(EY Lab)
UEA
VA
SBA
PHA-L
EEA(EY Lab)
GSII(EY Lab)
ABA
PHA-E
PSL
SGA
EEL
GSII-2
MPL
CnnB
DBA
MAL-II
CGL
GNA
GA
Human Galectin-8
ACL
PHA-E
MAL-II
GSL-I-B4
Mouse NRR-PTC
UEA
Gal-3c
Threlgal
CA19.9-sLe
Epa1-Np mutant E227G
Sp Serotype 37.F3
HPA(EY Lab)
HML-Naive
RCA(Vector)
Epa1-Np mutant Y206F
CA19.9-sLe
Epa1-Np mutant Y206F
#14 Sialyl Lewis X (Calbiochem)
Epa1-Np mutant (Calbiochem)
Epa1-Np mutant
DSL
Epa1-Np mutant
TxP-PLT
EcL
PsaC
Mono2W-SNL
VLRB.aGP.23
Mouse Galectin-1
SBA
CSA(EY Lab)
CSA(EY Lab)
IPS-K-A-28
WGA
WFA
WT Galectin-8
Mono1-SNL
PHA-E
PHA-L
ACL
WGA(Seikagaku Biol)
GNA(EY Lab)
Galectin-1
Galectin-7
Avelin
Mono2R-SNL
Native HPA
VVA(Lectin)
ME5(detected with a-HUD)
DSL-1
DSL-2
SNA
MAA(Seikagaku)
SSA(Seikagaku)
MGL 2-416
MGL 4-416
WGA multimer
CCTG-10-01
UEA
WGA
SJL
MGL 6A-416
MGL 6-416
DC-ASGPR short

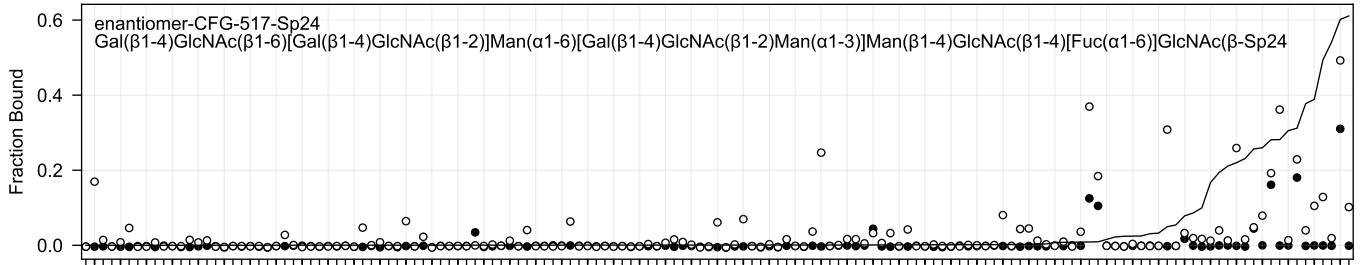

enantiomer-CFG-512-Sp14
Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-6)GalNAc(α-Sp14
Fraction Bound
0.20
0.15
0.10
0.05
0.00
#8 Lewis B (T218) (Atcam)
MOGAT (Cayman)
#15 Sialyl Lewis X
RCA(Vector)
RCA(Vector)
TL(EY Lab)
UEA(Vector)
UEA(EY Lab)
IPS 14-1
GNA (EY lab)
Barley lec
HA70 complex-Vector
WGA(Seikagaku)
AOL (Walnut Lab)
GSL-I-B4
Phos-Tag
Mouse Galectin-1
Human Galectin-1
CA19-9 Ab (DHG)
Mouse Galectin-3
Human Galectin-3
Sp Serotype 14 CPS
WT Galectin-3
GS-II (EY Lab)
LBL (Vector)
LSL (Vector)
GSL-I-A4
MAA(Seikagaku)
VGA(EY Lab)
CC1G-Vector
EBM-Native
Epa1-Np mutant Y228W
Epa1-Np mutant Y228W
Epa1-Np wt
Epa1-Np mutant E227Q
Epa1-Np mutant E227Q
Mono2WT-DNL
Native MGL
MGL 6A-Fc
Epa1-Np mutant E227Q
Mono2WT-DNL
Native MGL
VLRB.aGP-B1
human galectin-7
CnSep1
Sp Serotype 14
CA19.9-9-1
#14 Sialyl Lewis X
Mono2B-DNL
mouse galectin-7
CA19.9-12
Galectin-1
Galectin-3
HHA(EY Lab)
PSA (Vector)
SSA (Vector)
MGL-6A
Microvirin
rNV VLP-S4
WGA multivalent
ME7(detected with anti-LS)
ME5(detected with anti-LS)
DC-ASGPR short

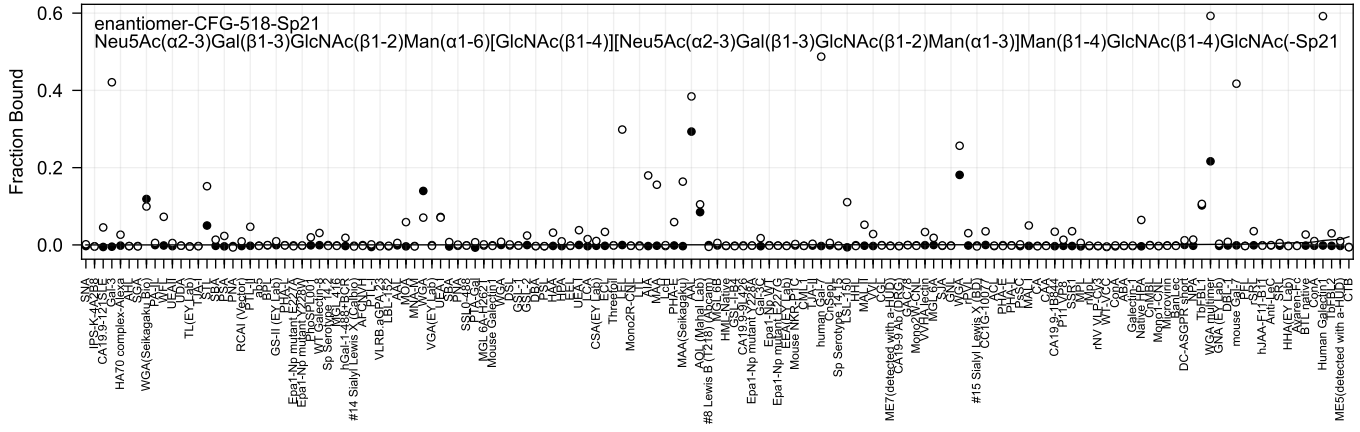

enantiomer-CFG-513-Sp14
Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-6)[Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-3)]GalNAc(α-Sp14
Fraction Bound
0.0
0.2
0.4
0.6
0.8
hAA-F1-B11
LWL Native
#14 Sialyl Lewis X (Calbio)
SGA
SGA
Native PFA
WGA(Seikagaku)
PA-IIi
HA70 complex-UBA
SBA
VVA
PTA-1
PTA-2
MAL I
MAA(Seikagaku)
Bovine(Calbio)
VLRB-1-B1-A23
VGA(EY Lab)
CGF
CGF
SNA
SNA
PNA
SJA
EEA(EY Lab)
GS-II (EY Lab)
ONL
Mono2W-ONL
TSI-150
AOL (Mahal)
BPB
CA19.9-12
Gal-1
human Gal-7
CML-1
MNA
MNA
CAA
CAA
P11
Mono2R-ONL
Mono1-ONL
Epa1-Np mutant Y226W
ACL
DSL
Threoglu
DBA
WFA
CA
WGA
NEA
NEA
PhoSPL-D01
GNA
Epa1-Np mutant E222G
GSL-I B4
GSL-I B4
CSA(EY Lab)
Mouse Epa1-Np mutant Y226W
ACA
ACA
nNV VLP
MAL I
Mouse NKR-P1C
GNL-A
GNL-A
Bauhi-c
Epa1-Np mutant Y226W
CA19.9-12
CA19.9-12
AP-CNA-1
CrSepl
WT Galectin-3
hGal-1-481-BCR
hGal-1-481-BCR
Sp Serotype 14
Sp Serotype 14
Sp Serotype 14-15
PsaS
GalSE
GalSE
MGL-6A-418
CA19-9 Ab (GNL)
GNL
CA19.9-IB244
#8 Lewis B (T218) (Abcam)
IPS-K-4A288
IPS-K-4A288
PHA-L
PHA-L
Avarol-F5
CSA
CSA
VVL
CA19.9-IB244
MGL-6A-P2B10
AIA
AIA
#15 Sialyl Lewis X
BJA-B
BJA-B
MAL II
MAL II
Epa1-Np WT
TbGBA
TbGBA
Galectin-1
Galectin-1
WGA (Vulinger)
SSA-488
Human Gal-7
HHA(EY Lab)
CC1G-1004
CC1G-1004
BTL
Native
MNA
MNA
PSA
PSA-E
PSA-E
VVH-A(Calbio)
ME7(detected with a-H)
ME7(detected with a-H)
WFA
WFA
MGL
GSL-I B4
GSL-I B4
TbFBP
TbFBP
IVC
IVC
DSL-1
DSL-1
DC-ASGPR
HAA
HAA
RCAI (Vector)
SNA

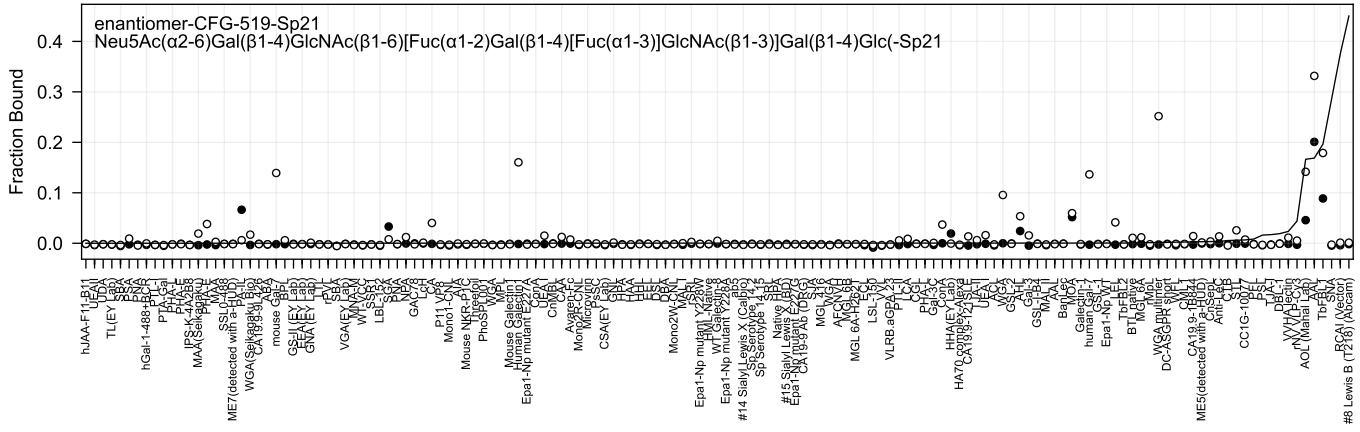

enantiomer-CFG-514-Sp24
Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)[Fuc(α1-6)]GlcNAc(β-Sp24
Fraction Bound
0.0
0.2
0.4
0.6
GSL-I-B4
Sp Serotype 14-2
Sp Serotype 14-1
PTA-Gal
GNL
VGA(EY Lab)
WGA
MAL I
MAA(Seikagaku)
CSA(EY Lab)
HA70 complex-Neu5Ac
MAA
LBL
LEL
SBA
PNA
P-11
Mono2R-Gal
Native-PFA
WFL
UEA I
Human Galectin-1
Mono2W-GlcNAc
Epa1-Np mutant Y229W
GS-II (EY Lab)
GNA (EY Lab)
Threo(p)
Avarol-PC
RCA
SNA
SL-150
Mouse NKR-P1
Epa1-Np mutant Y229A
Monoclonal-PFA
HPA
PHA-L
hGal-1-488-BCR
Epa1-Np mutant E229Q
Epa1-Np mutant E229A
VVA
PsaG
#15 Sialyl Lewis X (BD)
GAL-7
TKA
AAL
ACL
Epa1-Np mutant E229T
WT Galectin-1
PEL
Gal-3
hJAA-F11 (B3)
#8 Lewis B (T218) (Abcam)
MGL 6A-H261T
MGL-WT
MGL-CRD
AEA(EY Lab)
EEA(EY Lab)
PA-TL
DBA
CrvP
NPL
SJL
CA19.9-121SLE
ACA
DC-ASGPR short
#14 Sialyl Lewis X (Calbiochem)
LEL
CA19.9-1116NS2B
CA19.9-GlcNAc
MGL-6B
WGA (Vector)
Epa1-Np WT
Microvillin
MPL
Bacillus C2
Bacillus C3
MGL-A-M
MGL-4-18
PTL-II
PTL-I
CC1G-10027
mouse Galectin-7
PhoSL-Man1
CTB
Mouse Galectin-1
IPSR-K-A2B8
rNV VLP-S2
HHA(EY Lab)
WGA(Seikagaku Bio)
CA19.9-DB44
VERO-SGP-A488
SJA-II
PHA-E
VVHA (Vector)
ME7(detected with a-HLD)
MW-WT
ME5(detected with a-HLD)
SGA
SGL
TJA-I
CSL
CSA
AOL (Nahal Lab)
BTL (Nahal Lab)
TxB-BL1
TL(EY Lab)
PSA
SNA
CVN
LCA
RCAI (Vector)
LCH

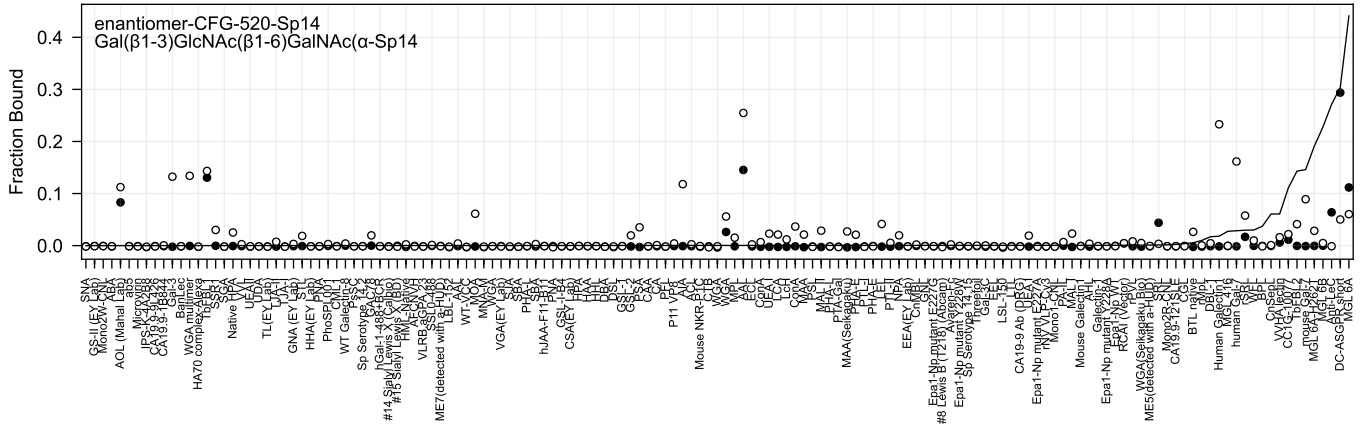

enantiomer-CFG-515-Sp24
Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)[Fuc(α1-6)]GlcNAc(β-Sp24
Fraction Bound
0.0
0.2
0.4
0.6

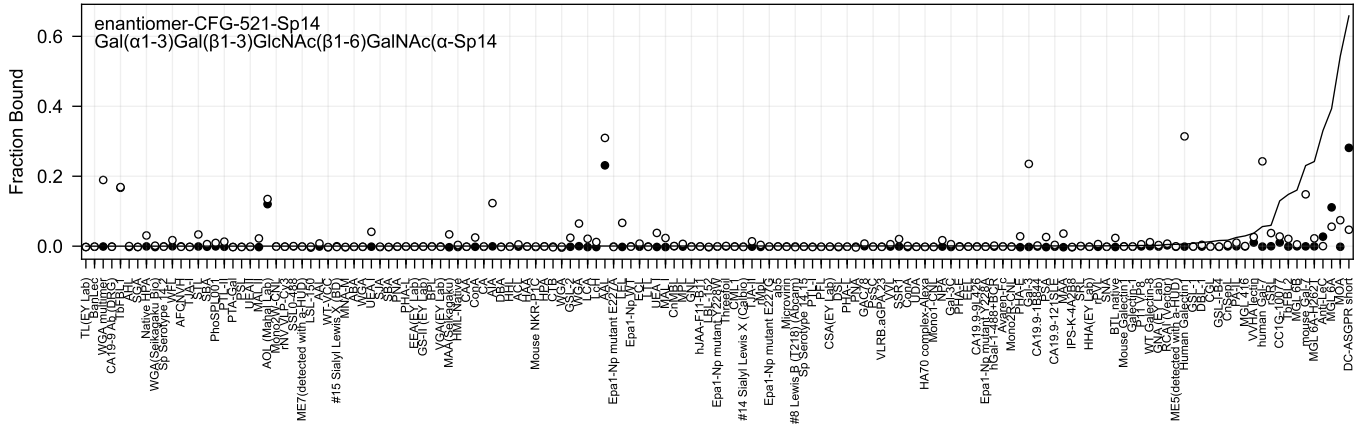

enantiomer-CFG-516-Sp19
Man(α1-6)[Man(α1-3)]Man(β1-4)GlcNAc(β1-4)[Fuc(α1-6)]GlcNAc(β-Sp19
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
hMAA-E(1-B1)
CSA(EY Lab)
GSL-I(EY Lab)
GS-II
Mono2W CONA
ABA
MAL1
PHAE
MAA(Seikagaku)
PHAL
ACL
aOL
PTA-Gal
PTL-I
Galectin-3
SBA
Native-PJA
UEA-I
WGA(Seikagaku)
DSA
PNA
PTL-II
EEA(EY Lab)
Mouse NKR-P1C
Epa1-Np mutant E227G
CNA
Human Galectin-1
Mouse Galectin-1
#8 Lewis B (1-1218) (Kikkoman)
WGA
CTB
Galectin-7
Thrombomodulin
RNA
ACA
SNA
SNA-I
GSL-I
ACG
VGA(EY Lab)
MOA
ASL-1
SSL-1(B)
SSL-2(B)
Mono2SBC CONA
AFCONA
BPL
BTL
RCA I (Vector)
MGL 6A-Hom1
CGL1
CGL2
PSL
EEL
CA19.9-12 (Calbiochem)
Epa1-Np mutant Y268A
WFA
#14 Sialyl Lewis X (CarboGen)
mouse Galectin-8
Epa1-Np mutant T242S
SP-Sialoside T4-Ig
Epa1-Np V1
MGL 6B
CA19.9-Lewis X (Calbiochem)
#15 Sialyl Lewis A (Calbiochem)
Epa1-Np mutant E227A
CA19.9-Lewis A (Calbiochem)
TPS-Lewis X-288
LEL
PSL
CA19.9-TB844
PHA-L
PHA-E
MPL
VVL
VVL-116
VLRB aGLA-23
Mono1CONA
rNV VLS-1-2
CSA-1
Galectin-10/7
CC
DC-ASGPR sIGX
Galectin-1
PCNA
TLEY (Vector)
PVL
WGA (nullmg)
Mouse Galectin-9
Mycoplasma
PhoSL (Lot)
TBL
SRL
MNA
BPL
HM1-Neuro
HM1-Myelo
CAA
Avarem-CX
SJL
UDA
ME7(detected with Balb/c)
Balb/c
ME5(detected with Balb/c)
GNL
AOL (Marley Lab)
GNA(Marley Lab)
NEA
ConA
BTL
DBA
HHA(EY Lab)
PSA
CoPA
PCA
DSL
AHL

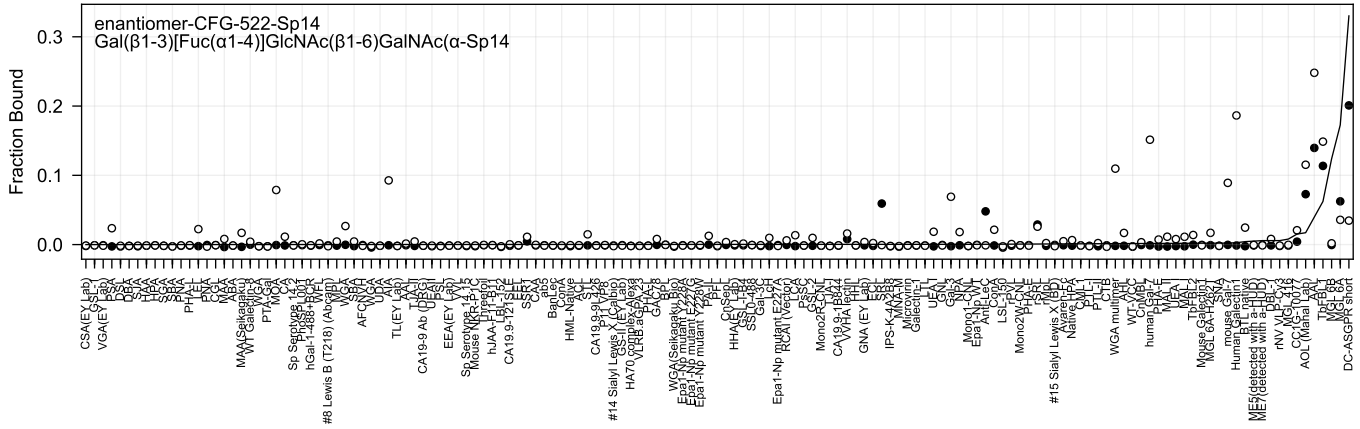

enantiomer-CFG-517-Sp24
Gal(β1-4)GlcNAc(β1-6)[Gal(β1-4)GlcNAc(β1-2)]Man(α1-6)[Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)[Fuc(α1-6)]GlcNAc(β-Sp24
Fraction Bound
0.0
0.2
0.4
0.6
SNA
NEA
NPA
MALI
MAA
TJA-I
TJA-II
TL(EY
UEA
UDA
CVN
Nativ
PNA
CA19.9-U266
IPS-CA1-U266
Microvip
EEA(EY
ABA
PWA
SBA
VGA(EY
VGA
VGA
#8 Lewis B (T218) (Abcam)
#14 Sialyl Lewis X (Calbiog
GSL-I B4
GSL-I A4
hJAA-F11-B11
LTA
DBA
UEA-I
VIA
VIB
Mouse NKR-P1C
ACL
PHA-L
GSL-I
GSL-I
GNL
Sp Serotype-1
Sp Serotype-14
Sp Serotype-15
CA19.9-U266
SSA
MGL-6B
MGL 6A-H-2821
ABC
#15 Sialyl Lewis X (BD)
MOA
MOL
SJA
GNL
PPL
Epa1-Np mutant EA67
CA19.9-U266 (Calbiog)
VERA
MGL 2A18
Epa1-Np mutant ESS5
GS-II (EY Labs)
P-11
GNA (EY Labs)
SBA
MAA(Seikagaku)
PNA
SJA
CA19.9-U266
Epa1-Np mutant MNAM
WT-ECC
SJA
Avarol
WGA(Seikagaku)
Galectin-3
NWV VLH-HD3
ME7(detected with ha-HD3)
WT Galectin-3
hGal-1-488
ACL
DC-ASGPR sfgd
SP-150
HHA(EY Labs)
Mono2AK-CNL
Mono2AK-CNL
HA70 complex(Alexa)
CSA(EY Labs)
PHA-E
PHA-L
Trefoil
Banlec
SJA
Epa1-Np mutant YA24
YA24
PhoSL(Dbl)
TBF-B
TBF-A
CMBL
HMA-CNL
Anti-Lewis X
ME5(detected with ha-HD3)
WGA mut
WGA
CA
CA
LBL-I-B2
CGL
Mouse Galectin-1
Human Galectin-7
Epa1-Np
CoraA
VVHA
Kom
NSL
CC1G-1
CrSerp
mouse Galectin-7
PHA-E
PHA-L
BTA-Hevin
AOL (Marasmius
Human Galectin-1
TBF-B
TBF-A
MPL
MPL
LCA
LCA
RCAI (Ve
LCH

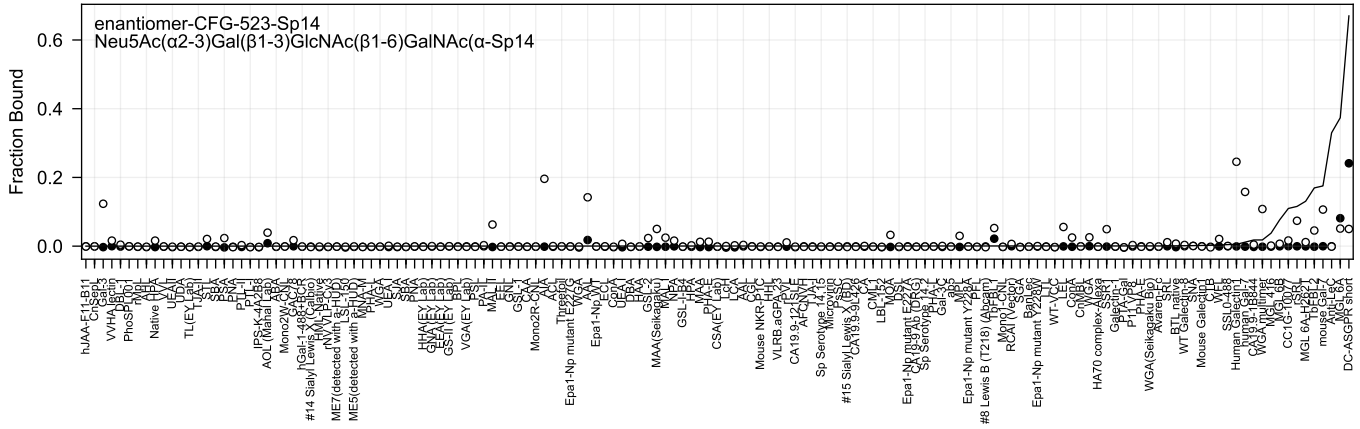

enantiomer-CFG-518-Sp21
Neu5Ac(α2-3)Gal(β1-3)GlcNAc(β1-2)Man(α1-6)[GlcNAc(β1-4)][Neu5Ac(α2-3)Gal(β1-3)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(-Sp21
Fraction Bound
0.6
0.4
0.2
0.0
SNA
PSA
IPS-K-42
CA19.9-12
TSLE
HA70 complex-Xiaxia
ASA
WGA(Seikagaku)
LEA
WFL
UEA-I
TL(EY Lab)
ECA
PNA
SBA
DBA
RCA I (Vector)
PTL
ABL
GS-II (EY Lab)
BYL
Epa1-Np mutant Y229A
Epa1-Np mutant Y229G
WT Epa1-Np
Sp Serotype 14
hGal-1-488-BCB
hGal-1-488-BCB
VLRB gp1
VLRB gp2
BTL
AAL
MNA
VGA
VGA(EY Lab)
UEA-I
SNA
SSL-1
SSL-4
MGL 6A (Hizen)
Mouse Galectin-1
DSL
GSL-1
DBA
HPA
LEA
EEL
UEA-I
ACA
CSA(EY Lab)
ACA
Threonin
Mono2R-CEL
CEL
MAA
PhaE
MAA(Seikagaku)
AAL
#8 Lewis B (12-18)
AOL (Marha) (Vector)
HMA
Man-BB
GSL-IB4
CA19.9-Lactose
Epa1-Np mutant Y229A
Epa1-Np mutant Y229G
Epa1-Np mutant L227G
Mouse NK1-FRC
CML-1
human Gal-1
Gal-1
Sp Serotype 14
TSL-1
MAL II
XVI
ME7(detected with a-HUD)
CA19.9 Ab (CRA)
Mono2R-CNL
Mono2R-CNL
Mouse-a
SJA
WGA
#15 Sialyl Lewis X (BD)
CCIG-1007
PHA-E
PHA-L
PWM
MAL I
CAA
CA19.9-1 (BBA)
P1-SSB3
MPL
rNV WT-Cy3
CoPA
ABA
Galectin-1
Native HEA
Mono-CML
Microvirin
DC-ASGPR short
DC-ASGPR
TxB
BPL
WGA (Luminer)
GNA (EY Lab)
mouse Gal-7
SAE
SRL
hJAA-F (Fc)
Anti-Fc
SRL
HHA(EY Lab)
Avaren-P2
BTL native
Human Galectin-1
ME5(detected with a-HUD)
CTB

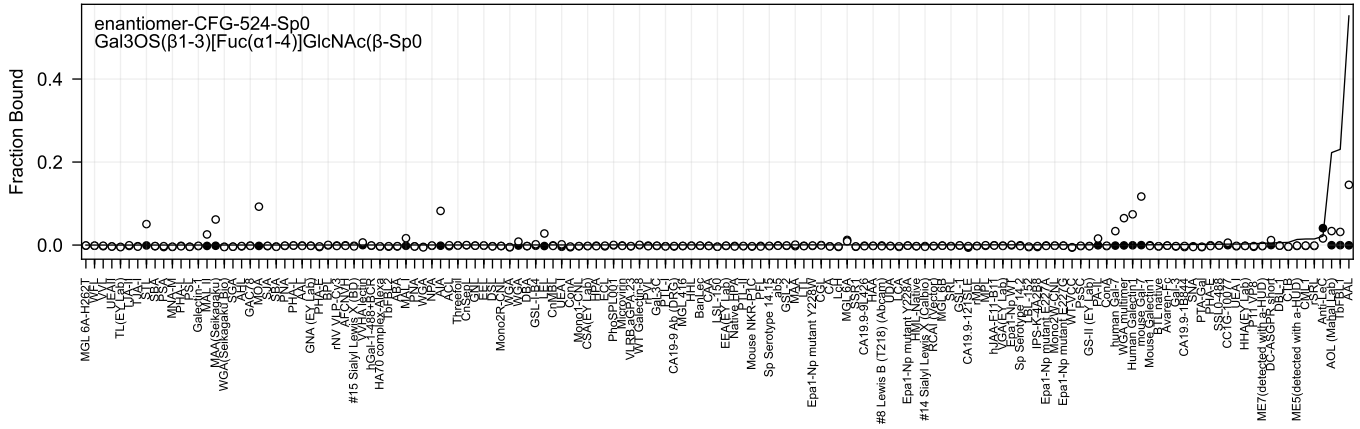

enantiomer-CFG-519-Sp21
Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-6)[Fuc(α1-2)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-3)]Gal(β1-4)Glc(-Sp21
Fraction Bound
0.0
0.1
0.2
0.3
0.4
hJAA-F(11-B11)
UEA1
TL(EY Lab)
UDA
SBA
PNA
hGal-1-488+BCR
PTX-Gal
PHA-L
PHA-E
IPS-1-A2B8
MAA(Seikagaku)
BPL
MAA
SSL(Gal)
ME7(detected with a-HuD)
WGA(Seikagaku)
Bau
CA19-9-1-2-3
mouse Gal-3
BPL
GSII(EY Lab)
EEA(EY Lab)
GNA(EY Lab)
PAL
PVL
VGA(EY Lab)
WFA
WFA-M
SSA(Gal)
LBL(Gal)
SGA
RCA
GAC/Gal
LCA
P11
P11 V58
Mono11-Fc
CVN
Mouse NKR-P1C
Mouse Galectin-1
Pho3SP(Gal)
WGA
Mouse Galectin-1
Epa1-Np mutant E227A
LGA
CGA
ChBR
ACA
Avaer-Fc
Mono2R-Fc
Mono2R-CNC
Micro-Fc
CSA(EY Lab)
PSSC
RPA
LEA
LTA
EEL
ECA
DBA
Mono2WT-Fc
Mono2WT-CNC
Epa1-Np mutant Y235F
Epa1-Np mutant Y235F
HML-Native
WT Galectin-3
Epa1-Np mutant E227A
#14 Sialyl Lewis X (Calbiochem)
SP Serotype 14 15
Native SPA
#15 Sialyl Lewis A (Calbiochem)
Epa1 E227A-Fc
CA19-9 Ab (DBG)
MGL 316
MGL 318
AFG-Native
MGL 6A-Fc
MGL 6A-Fc
LSL-150
VLRB.aGPA.23
PTL-I
CGL
Gal-3C
Gal-3C
CGL
HHA(EY Lab)
HA70 complex
CA19-9-12
SLT
UEA1
WGA
GNA
SNA
Gal-3
Gal-3
GSII(EY Lab)
MAA
AAL
Bau
MOA
human Galectin-7
GSII-1
Epa1-Np V-1
TcrBL2
BTL
MGL 6A
MGL 6A
WGA pulldown
DC-ASGPR supernatant
CML1
CML1
ME5(detected with a-HuD)
CA19-9-1-2-3
CaSerpin
Amnion
CTB
CC1G-10-11
DEL
TJA-I
DBL-1
YVV(LP-Cy3)
YVV(LP-Cy3)
AoL (Mahal Lab)
TcrBL1
TcrBL1
BCA(Vector)
#8 Lewis B (T218) (Abcam)

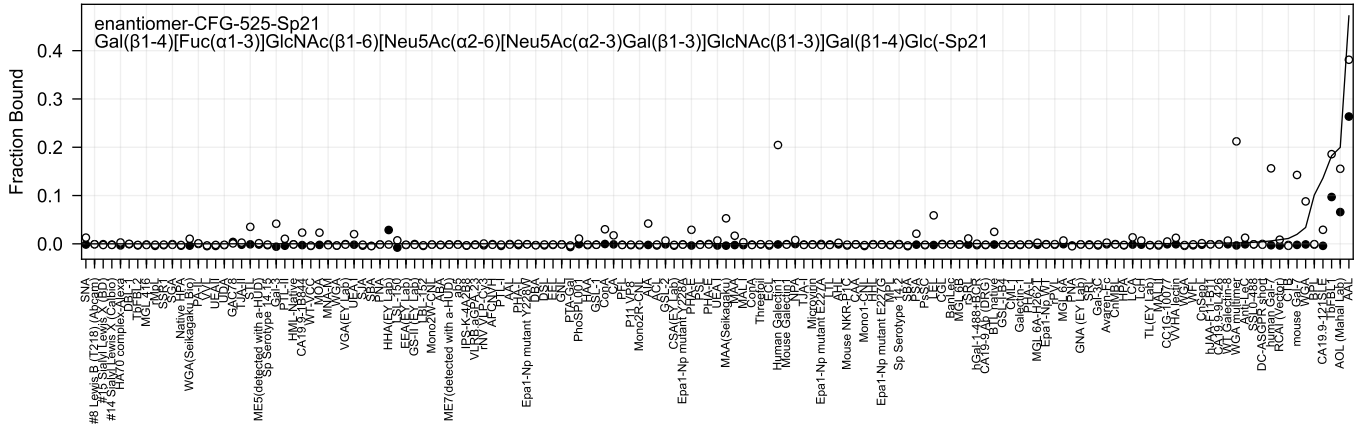

enantiomer-CFG-520-Sp14
Gal(β1-3)GlcNAc(β1-6)GalNAc(α-Sp14
Fraction Bound
0.0
0.1
0.2
0.3
0.4
GS-II (EY Lab)
SNA
Mono2W-CNL
AOL (Mahal Lab)
abs
MicroA-CVN
JRS8-2-IgG288
CA19.9-1B844
Gal-3
Bacillus cereus
WGA multimer
Gal-1
HA70 complex
Galectin-4
SSA(EY Lab)
Native TPA
LEA
UEA-I
UDA
TL(EY Lab)
LCA
GNA (EY Lab)
STA
HHA(EY Lab)
PNA
PhoSL
PHA-L
WT Galectin-8
Sp Serotype 14 CPS
Gal-1 4-OH Glycan
#14 Sialyl Lewis X (BD)
#15 Sialyl Lewis X (BD)
MAL
AEA(RNVP)
VLRB.aCD
ME7(detected with a-HUD)
LBL
AAL
WT-WGA
MNA-M
VGA(EY Lab)
SJA
SBA
PHA-E
hJAA-F11
SBA
PNA
HPA
HAA
DBA
GSL-I
GSL-II
SSA
CAA
PSL
P11 VFA
VFA
Mouse NKR
ACL
CTB
WGA
MPL
ECL
GPA
LCA
CGA
MAA
MAL-I
PTA-Gal
MAA(Seikagaku)
PNL
PHA-L
PHA-E
PTL-I
NPA
PTL-II
EEA(EY Lab)
ConBR
Epa1-Np mutant E227G
#8 Lewis B (T218) (Abcam)
Epa1-Np mutant Y226W
Sp Serotype 14 CPS
Galectin-3
LSL-15b
CA19-9 Ab (DSG)
Epa1-Np mutant E227A
Epa1-Np mutant Y226F
Mono1-CNL
MAL
Mouse Galectin-1
Galectin-1
Epa1-Np mutant Y226A
Epa1-Np WT
RCA(I (Vector)
WGA(Seikagaku)
ME5(detected with a-SJD)
Mono2-CNL
CA19.9-12-SJN
CGL
BTL native
PSA
DBL-1
Human Galectin-7
MGL-410
human Galectin-9
WFL
SEL
Sialidase
cCVFA (Acon)
cCTA (Acon)
TcBGL2
MGL-586-7
MGL-586-8
MGL-6B
DC-ASGPR
SFL
MGL-6A

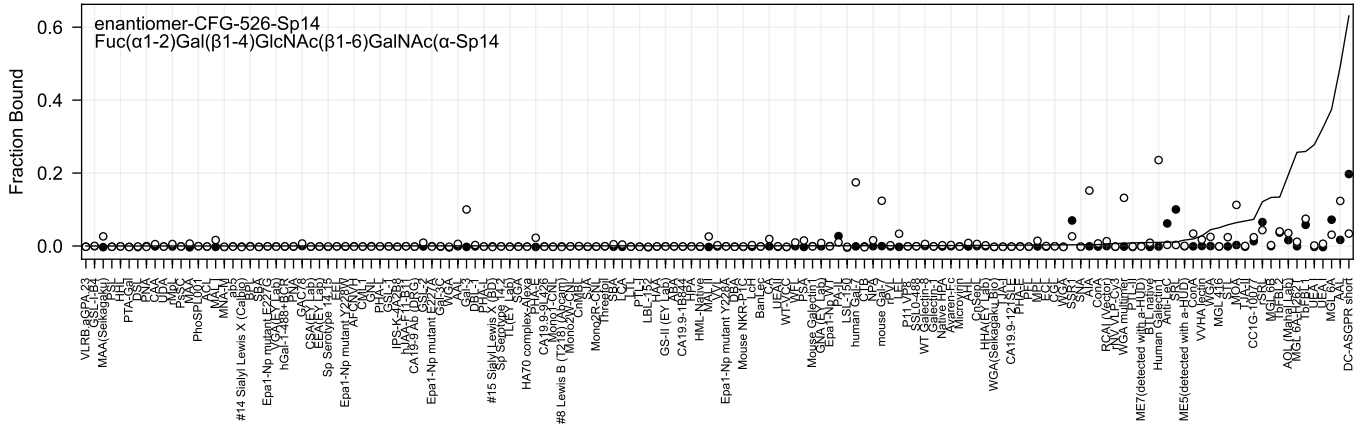

enantiomer-CFG-521-Sp14
Gal(α1-3)Gal(β1-3)GlcNAc(β1-6)GalNAc(α-Sp14
Fraction Bound
0.0
0.2
0.4
0.6
TL(EY Lab)
Tal Lab
WGA(multiple)
CA19.9-Ab
LcBETA
SJA
Native PNA
WGA(Sigma)
Sp Serotype 19
Sp Serotype 14
NVFT
AFG
JAC
SBA
PhoSL(Tom)
PSA
PTA-Gal
UEA1
MAL
AOL (Maizal, CRL)
NVSL(Vector)
Monoclonal Ab
ME7(detected with sLHUD)
LSL-Ab
WT-Ab
#15 Sialyl Lewis X (Ab)
MAA(EY)
ABA
UEA
SNA
SBA
PNA
PTA
EEA(EY Lab)
GS-II (EY Lab)
BS-I
MAA(EY Lab)
VGA(EY Lab)
NVF (Native)
CAA
CoA
DBA
PHA-L
PHA-E
GAA
Mouse NKR-P1c
PDB
CTB
GSII-B
WGA
LCA
Epa1-Np mutant E224A
Epa1-Np
LEL
ECL
LEA
LEL
MAL
CNL
MBL
GNL
hJAA-F11-152
Epa1-Np mutant Trp226W
Epa1-Np mutant Trp226W
#14 Sialyl Lewis X (Ab)
CNL1
Epa1-Np mutant E224S
abs
#8 Lewis B (T218 Microvim)
Sp Serotype 14,19
CSA(EY Lab)
PHL
PHA-L
PHA-E
GAL6
GAL8
VLRB.aGFSC
VVL
SSA1
UDA
HA70 complex-CNF
Monoclonal-CNF
NPA
GNA
PHA-E
CA19.9-Ab
CA19.9-Ab3
CA19.9-12(SLE)
IPS-K-A2B8
HHA(EY Lab)
SAL
BTL naive
Mouse Galectin1
BTL(YPs)
WT Galectin3
GNA(Vector)
ME5(detected with sLHUD)
Human Galectin1
DBL-1
CGL
CGL1
CGL2
MGL
VVHA(Iacto)
human Galectin7
CC1G-1007
MGL1
MGL2
MGL2 Ab7
Apo-LEC
MOA
DC-ASGPR short

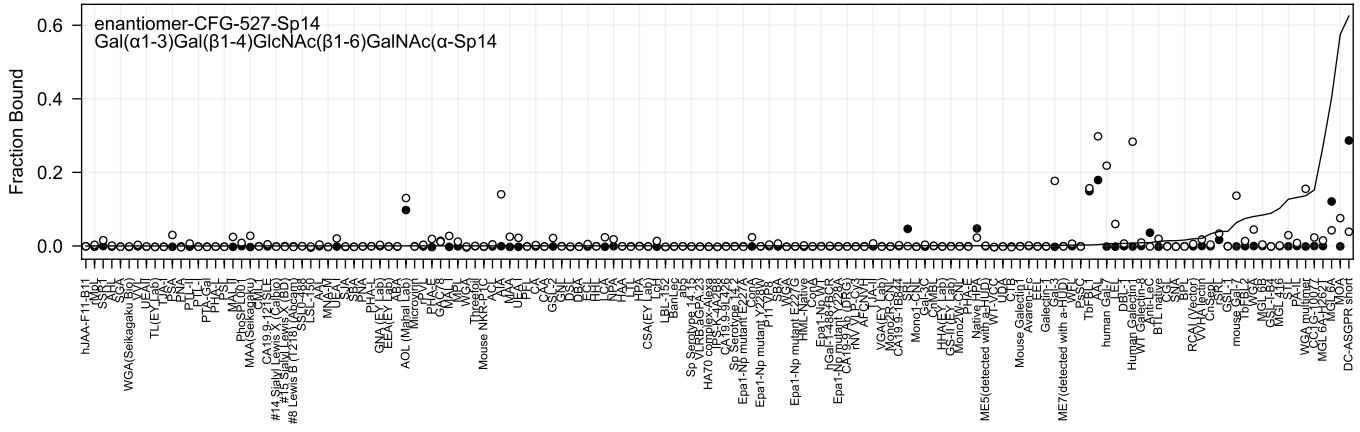

enantiomer-CFG-522-Sp14
Gal(β1-3)[Fuc(α1-4)]GlcNAc(β1-6)GalNAc(α-Sp14
Fraction Bound
0.0
0.1
0.2
0.3
CSA(EY Lab)
CSA(EY Lab)
VGA(EY Lab)
DSA
DSA
DSA
DSA
DSA
SSA
SSA
SSA
PTA-1
PTA
PTA
CGL
CGL
ABA
ABA
MAA(Seikagaku)
WFA(Seikagaku)
WGA
WGA
PTA
MGA
Sp Serpina 1-2
Sp Serpina 1-1
Hp(pig) Lot1
hGal-1-488 RVR
#8 Lewis B (T218) (Abcam)
AFA
WGA
SNA
SNA
UEA
UEA
TL(EY Lab)
TL(EY Lab)
TJA-I
TJA-I
CA19-9 Ab (DEG)
PSL
PSL
EEA(EY Lab)
EEA(EY Lab)
Sp Serpina 1-3
Sp Serpina 1-2
Mouse Serpina 1-2
hJAA-1 (EY Lab)
CA19.9-121 SLE
SSA
SSA
SSA
CAA
CAA
BauLec
BauLec
HML-Native
AOL
AOL
CA19.9-9-126
CA19.9-9-126
#14 Sialyl Lewis X (Calbio)
GS-II (EY Lab)
HA70 (CRB Biologics)
GNA
GNA
GNA
BPL
BPL
WGA(Seikagaku)
Epa1-Np mutant E227G
Epa1-Np mutant E227G
Epa1-Np mutant E227G
Epa1-Np mutant E227G
PAA
PAA
HHA(EY Lab)
HHA(EY Lab)
CoSeP
CoSeP
SSL-188
SSL-188
Gal-3C
Gal-3C
Epa1-Np mutant E227A
RCA(I (Vector)
RCA(I (Vector)
PaSc
PaSc
PaSc
Mono2K-CNT
CA19.9-1-B6A1
VVHA (Lot1)
VVHA (Lot1)
GNA (EY Lab)
EPL
EPL
IPS-K-4A288
MMA-H
MMA-H
Galectin-7
UEA-I
UEA-I
GNA
GNA
SNA
SNA
Mono1-CNT
Epa1-Np WT
AnLec
AnLec
LSL-196
Mono2W-CNT
PHA-E
PHA-E
PHA-L
PHA-L
#15 Sialyl Lewis x (BD)
Native HPA
Native HPA
CAL-1
CAL-1
PT-LB
PT-LB
WGA mutant
WT-AOL
CMBL
CMBL
human Galectin-1
BJA-B
BJA-B
MAL-1
MAL-1
MAL
MAL
TBP-B1-2
TBP-B1-2
Mouse Galectin-1
MGL 6A1-12B2
MGL 6A1-12B2
mouse Gal-9
Human Galectin-1
ME5(detected with a-PHD)
ME7(detected with a-PHD)
rNV VLP 2-13
CC(G-70-17)
AOL (Mahal Lab)
TBP-B1
TBP-B1
MGL 6A
MGL 6A
DC-ASGPR short

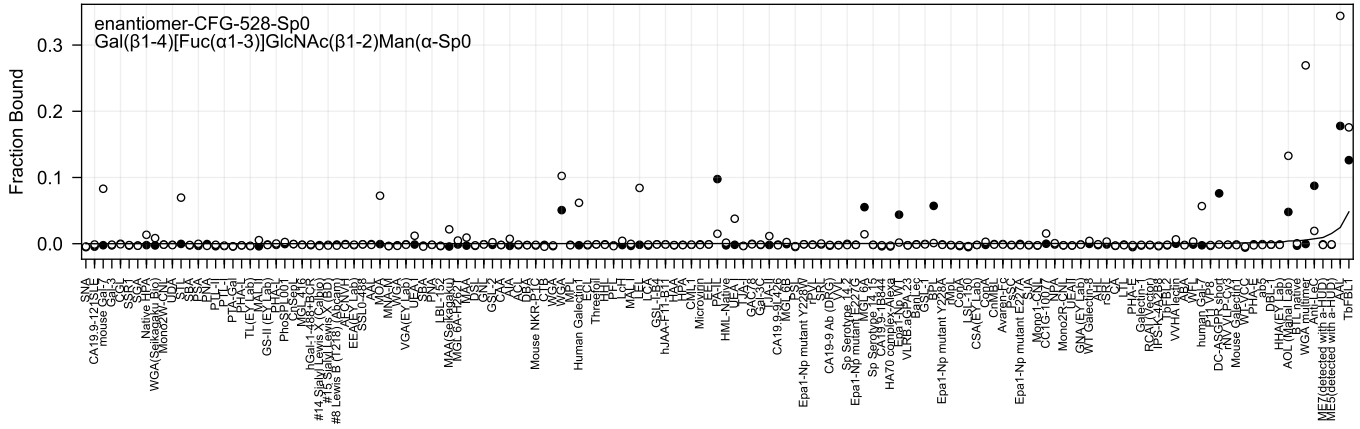

enantiomer-CFG-523-Sp14
Neu5Ac(α2-3)Gal(β1-3)GlcNAc(β1-6)GalNAc(α-Sp14
Fraction Bound
0.0
0.2
0.4
0.6
hJAA-F11-B11
Galectin-3
VVHA-Man
PhoSL-NGlc
Native (VVA)
ABL
UEA-I
TL(EY Lab)
SNA
SBA
ENA
PNA-1
PTL-I
IPS-1-A2B8
AoL (Malhar ABA)
Mono2/A-CONA
hGal-1-498-BCR
#14 Sialyl Lewis X (Glycotech)
ME7(detected with SLe(x))
ME5(detected with sLe(x))
PHA-L
UEA-1
SJA
SNA
PNA
HHA(EY Lab)
GNA(EY Lab)
EEA(EY Lab)
GSII (EY Lab)
VGA(EY Lab)
PAL
MALI
SNI
GNA
SAA
Mono2R-CONA
ACL
Epa1-Np mutant E225A
Epa1-Np WT
ECL
DSA
LFA
GSL-I
MAA(Seikagaku)
GSL-2
WAL
GSL-I B4
HPA
PNA
CSA(EY Lab)
LCA
CGL
Mouse NKR-P1C
VLRB.aGPA.23
CA19.9-12-15C6
AFCONVT
Sp Serotype 14-715
Microvirin
#15 Sialyl Lewis X (Epo)
CA19.9-9L-C3
CMA
LBA
MOA
Epa1-Np mutant E225K
CA19.9-AB-TDR-G1
Sp Serotype 14-1
PHA-E
Galectin-8
MPL
Epa1-Np mutant Y228A
Epa1-Np mutant Y228C
#8 Lewis B (T218) (Abcam)
Mono1/CONI
RCA(Vector)
Epa1-Np mutant Y228D
WT-VCL
CGB
CGA
CWGA
HA70 complex-Alexa
Galectin-1
P-1(Yasui)
PHA-E
WGA(Seikagaku Lot)
SnL
BTL-I
WT Galectin-8
Mouse Galectin-8
SNA
CTB
SSL-O488
Human Galectin-1
CA19.9-1B844
WGA(Vector)
Mouse Gal-7
CC1G-1B68
SNA
MGL 6A-1B612
mouse Gal-7
MGL 6X
DC-ASGPR short

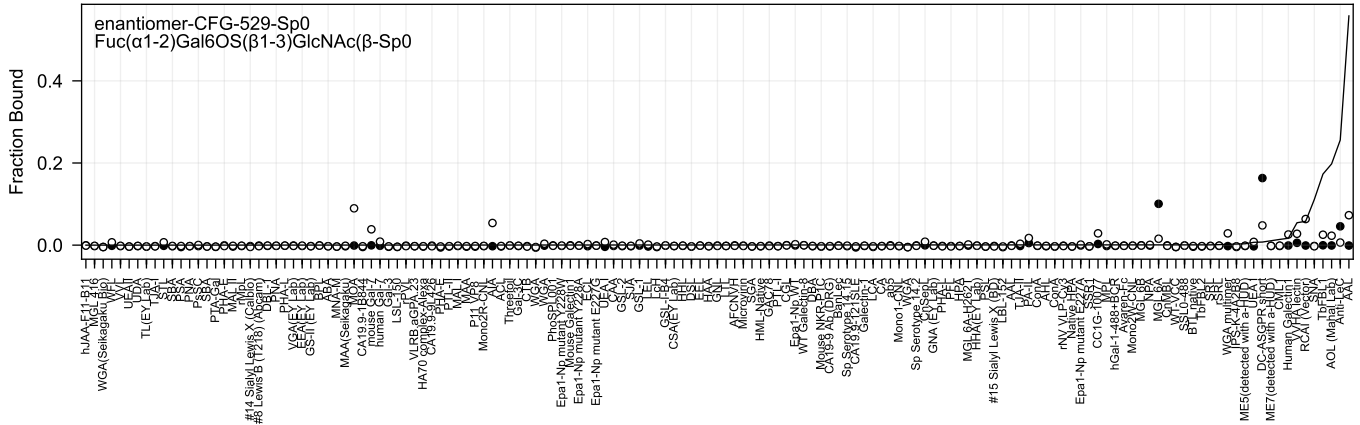

enantiomer-CFG-524-Sp0
Gal3OS(β1-3)[Fuc(α1-4)]GlcNAc(β-Sp0
Fraction Bound
0.4
0.2
0.0
MGL 6A-H2B7
MGL
UEA
UEA
TL(EY Lab)
WGA
SJA
SJA
SBA
MNA-M
PST
Galectin-1
WGA(Seikagaku)
MAA(Seikagaku)
SBA
ACL
MOA
SBA
PNA
PNA
AAL
GNA (EY Lab)
BPL
nNV VP1
AFCVN
#15 Sialyl Lewis A (Ito)
hGal-1488-BCR
HA70 complex
SBA
ABA
PNA
WFA
AAL
AAL
Threelch
Chesapeak
PEL
PSL
Monoz2R-PSL
WGA
WGA
DBA
GSL-I-B4
CnnBL
CCA
Monoz1-CNL
cSAA(EY Lab)
EPA
PhoSPL-D1
Microcyst
VLRB-Galectin-8
WFA
Galectin-3
GNL
BPL
CA19-9 Ab (Ito)
MGL
HHL
Bee CAX
LSY-160
EEA(EY Lab)
Native EPA
Mouse NKR-P1C
Sp Serotype 14-PS
Sp Serotype 1-PS
Gal-3
NNA
Epa1-Np mutant Y228A
CSL3
LCA
LCA
MGL 6A
CA19.9-S523
HAA
#8 Lewis B (T218) (Abe)
UDA
Epa1-Np mutant Y228A
Epa1-Np mutant Y228A
#14 Sialyl Lewis A (Yamori)
MGL 6A
MGL 6B
CA19.9-1214
NPL
GSL-I
WFA
hAA-E1(EY Lab)
VGA(EY Lab)
Sp Serotype 14-PS
LEL-124
IPO-14 (Ito)
Epa1-Np mutant Y228A
Epa1-Np mutant Y228A
Mono2-CCNL
Epa1-Np mutant Y228A
GS-II (EY Lab)
CA19.9-1116
CA19.9-1116
NPL
hAA-E1(EY Lab)
VGA(EY Lab)
Sp Serotype 14-PS
LEL-124
IPO-14 (Ito)
Epa1-Np mutant Y228A
Epa1-Np mutant Y228A
Mono2-CCNL
Epa1-Np mutant Y228A
GS-II (EY Lab)
PA-IL
Gal-7
human Gal-7
WGA mutamer
Human galectin-7
mouse Gal-7
Mouse galectin-7
Avarol-FE
CA19.9-1244
SJA
PTA-AGE
SG-1(Ito)
CCTG-1(Ito)
HHA(EY Lab)
PTL VP8
ME7(detected with a-HUD)
DCA(ASGPR-HUD)
DBL-B
ME5(detected with a-HUD)
CMH
Anti-LSC
AOL (Matsushita)
TP-PEG
AAL

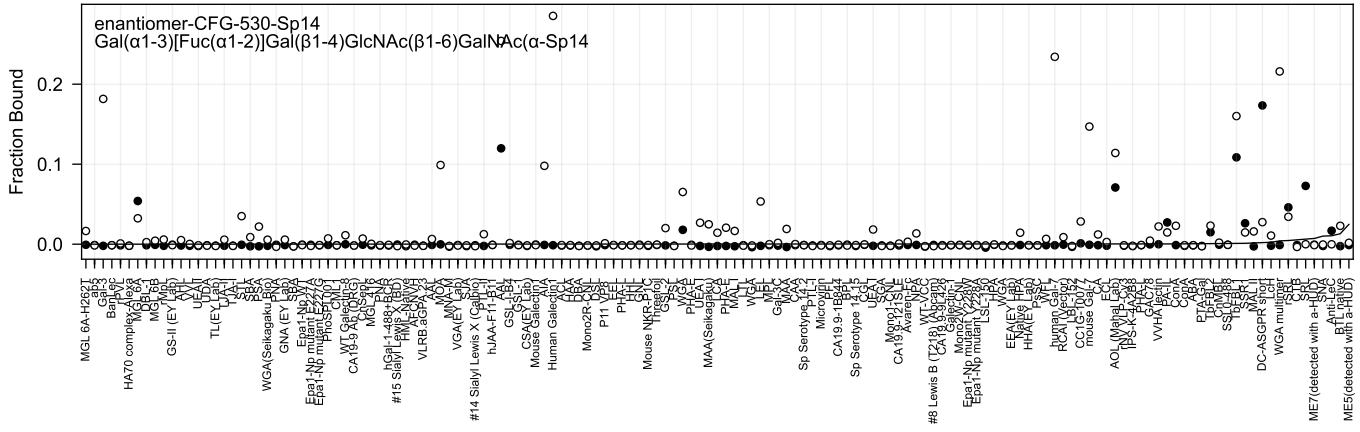

enantiomer-CFG-525-Sp21
Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-6)[Neu5Ac(α2-6)[Neu5Ac(α2-3)Gal(β1-3)]GlcNAc(β1-3)]Gal(β1-4)Glc(-Sp21
Fraction Bound
0.0
0.1
0.2
0.3
0.4
SNA
#8 Lewis B (T218) (Abam)
#15 Sialyl Lewis X (BD)
#14 Sialyl Lewis A (BD)
HA(10 complex,Alexa)
DBA
DBH-1
MGL 416
SBA
SSA(1
SSA
Native SSA
WGA(Seikagaku,Biot)
PNA
PAX
UEA(I
GNA
GSL-I
TJA-I
ME5(detected with a-HDb)
Sp Serotype 6A-3
PHA-L
HML-1
CA19.9-1B304
WFA
MOA
MNA-M
VGA(EY Lab)
UEA(
SBA
SBA
HHA(EY Lab)
SJA-1(EY
EFA-1(EY Lab)
GS-II (EY Lab)
Mono2R-CNL
ABA
ME7(detected with a-HDp)
IPS-1 (Ab288
VVL(Ab289)
NNA(Ab293
AFA(EY
AAL
Epa1-Np mutant Y226V
DBA
EEL
EEL
RTA
Gal
PhoSP-1001
AAL
GSL-I
ConA
PPL
P11
Mono2R-CNL
AIA
GSL-2
GSA(EY Lab)
Epa1-Np mutant Y226Q
PTA-L
PTA-E
PHA-E
UEA-I
MAA(Seikagaku)
SNA(
MAA
ConA
Thrombin
Human Galectin-1
Mouse Galectin-1
TJA-I
Mixed Epa1-Np mutant E227A
AIL
Mouse NKR-P1C
Mono1-CNL
Epa1-Np mutant E227L
WFA
Sp Serotype 9A
SBA
PSA
PSA
FPL
CGL
CGL
Bacillus
MGL-488
hGal-1-488 (BCR)
CA19.9-AP (DRG)
BS-I
GSL-I
Galectin-1
PTA-L
MGL 64
Epa1-Np WT
PAX
MOA
GNA (EY Lab)
SBA
Gal-3C
Avenin
PHA-E
HEA
LCA
TL(EY Lab)
CCL(A0077)
CCL(A0077)
VVA
WGA
WGA
CGL
CGL
SAFL
hJAA-1-B1
hJAA-1-B1
Rot Galectin-8
WGA multimer
SSL-488
DC-ASGPR-488
Sap-1
RCA(Vector)
mouse Sap-1
WGA
SLE
CA19.9-1B304
SLE
AOL (Marbal Lab)
AAL

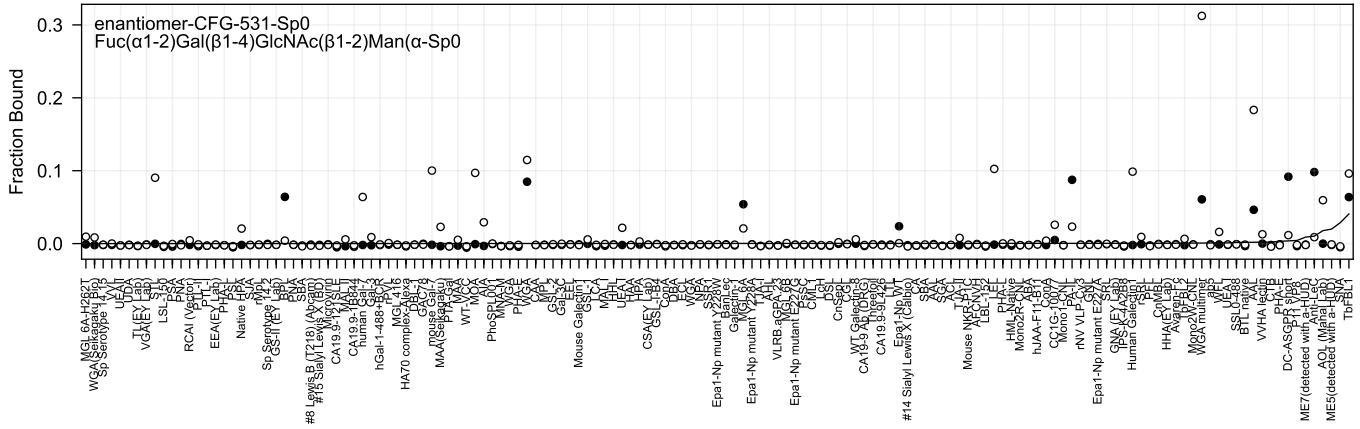

enantiomer-CFG-526-Sp14
Fuc(α1-2)Gal(β1-4)GlcNAc(β1-6)GalNAc(α-Sp14
Fraction Bound
0.0
0.2
0.4
0.6
VLRB aGPA 23
GST-1 E3
MAA(Seikagaku)
HIF
PTA
Gal
PNA
UDA
ANA
Amp
F-Tn
MAA
PhoSP
AOL
MALI
ABA
#14 Sialyl Lewis X (Calbiochem)
SBA
Epa1-Np mutant Y224A
hGal-1-488-BCR
GAC/6
EEA(EY Lab)
Sp serotype 14-19
Epa1-Np mutant Y224F
AFCONV
GNL
PSL-1
GSL-1
IPS-1-488
hIgG-488
CA19.9 Ab (DRG)
Epa1-Np mutant E227A
Gal-3C
VAA
Gal-3
DTA-1
#15 Sialyl Lewis A (B72.3)
Sp serotype 1
TLEY Lab
HA70 complex-Alexa
CA19.9-FITC
Mono1-CNC
Mono1AN-CNC
CMGlc
#8 Lewis B (Tumor Antigen)
Mono2R-CNC
ThreBp
LCA
PTL-1
LBL-1X
GS-II (EY Lab)
CA19.9-FITC
HPA
HML-1
MAL-II
Epa1-Np mutant Y224A
DBA
Mouse NKR-P1 CH
BanLec
UEA-I
WFA
WGA
BSA
Mouse Galectin-1
GNA (EY Lab)
Epa1-Np WT
LSL-15
human Galectin-3
NPA
mouse Galectin-1
SBV
LEL
P11
VFB
WT Galectin-3
SSLO-488
Galectin-3
Native HPA
Amphorin
Microvirin
CoSalL
SHHA(EY Lab)
WGA(Seikagaku)
CA19.9-FITC
PHA-E
PHA-L
MCL
ACG
VGA
SSA
SNA
ConA
RCA I (VC-Cy3)
NXV (VC-Cy3)
WGA mutant
ME7(detected with a-HUD)
Human Galectin-1
Anti-LEC
ME5(detected with a-HUD)
ConA
VVHA
WGA
MGL-FITC
MGL
CC1G-10077
MGA
AOL(Mel/Hep)
MGL(Mel/Hep)
TBP
UEA-I
MGL
AAL
DC-ASGPR short

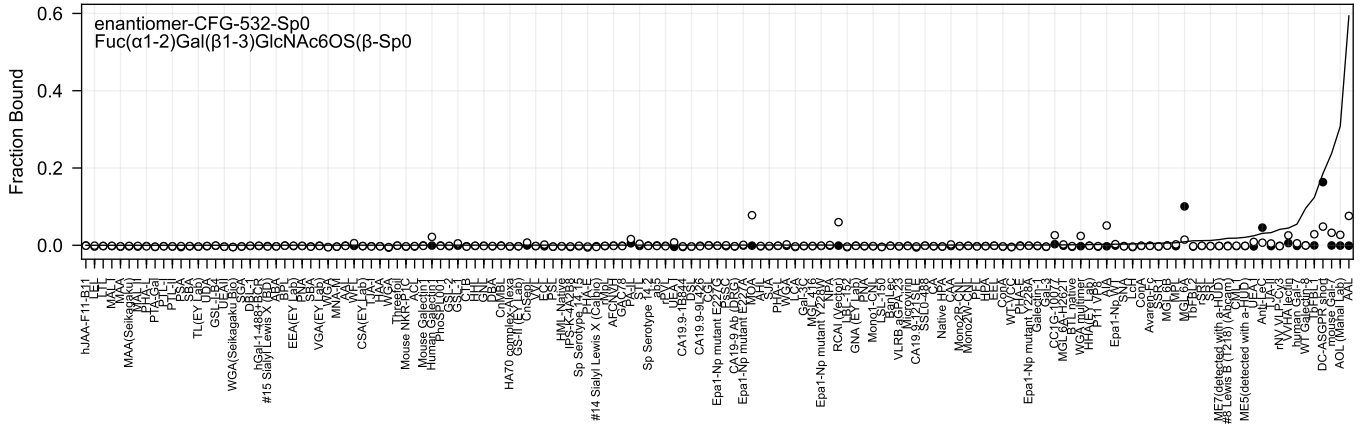

enantiomer-CFG-527-Sp14
Gal(α1-3)Gal(β1-4)GlcNAc(β1-6)GalNAc(α-Sp14
Fraction Bound
0.6
0.4
0.2
0.0
hJAA-F11-B11
HPA
SSA
SGA
WGA(Seikagaku 0.0)
UEA-I
TL(EY Lab)
PNA
BSA
PTL-I
PTL-II
PTA
PAS
MAL
Rhoeadin
MAA(Seikagaku)
MAL-I
CA19.9 (Zhang)
#14 Sialyl Lewis X (Zhang)
#15 Sialyl Lewis X (BD)
#8 Lewis B (72-1-1)
SSL-28
LSL-488
ASA
MNA-M
VVA
ECA
SBA
PHA-L
PHA-E
GNA
PWA
LTA(EY Lab)
LBA
AOL (Mahal Lab)
Microrjin
PTA
GAL3
GAL8
MPL
WGA
Thy-1
Mouse NKR-P1C
ACL
UMA
MAA
PEL
CAA
GSL-I-B4
GSL-I
DSL
DBA
FBP
FDL
NPA
HAA
HPA
CSA(EY Lab)
LBL-152
Banlec
Sp Serotype 14
Sp Serotype 14 13
HA70 conjugate-Alexa
CA19.9-Alexa
Sp Serotype 14
Epa1-Np mutant E207A
Epa1-Np mutant
Epa1-Np mutant
Epa1-Np mutant E207A
HML-Native
Epa1-Np WT
Epa1-Np mutant
Epa1-Np mutant
CA19.9-DRG1
INV
AFCNV4
VGA(EY Lab)
Monoclonal
CA19.9-Hybrid
Mono1-CNL
Control
HHA(EY Lab)
GSL-I(EY Lab)
Mono2-CNL
Native
ME5(detected with a-Hu)
WT-Hu
UOA
Mouse Galectin-1
Avarol
Galectin-1
ME7(detected with a-Gal-3)
WPL
TdFBP
human Galectin-1
ACL
PSL-I
Human Galectin-8
WT Galectin-8
BTL
Ricinus
SGA
SGL
BPL
RCA(Vector)
VVA(Vector)
ChSeel
GSL-I
mouse Dal-1
Thy-1
WGA
NSL-I-B4
MGL-1-B3
MGL 4-1B
PAL
WGA(Pumpkin)
MGL 6A-1B2
MGL 6A-1B2
MOA
DC-ASGPR short

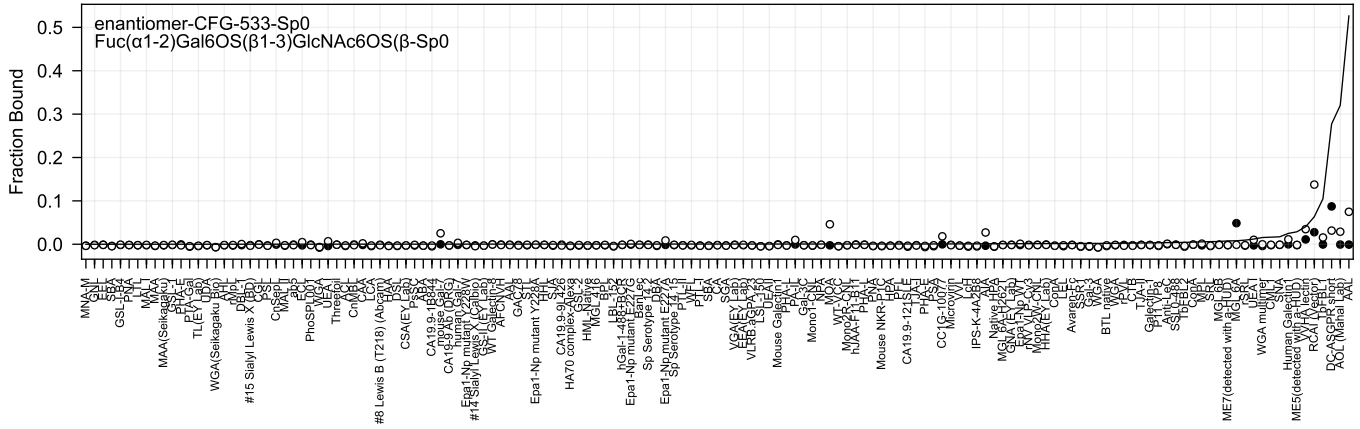

enantiomer-CFG-528-Sp0
Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-2)Man(α-Sp0
Fraction Bound
0.3
0.2
0.1
0.0
SNA
CA19.9-12
SNA
mouse Gal-3
Gal-7
Gal-1
SSA
Native EPA
WGA(Sialic
WGA(N-Ac)
UDA
SBA
PNA
ECA
PTA-I
PTA-Gal
TLE(Gal)
MAL-II
GS-II (GlcNAc)
PhoSPS-001
PhoSPS-002
Man-418
#14 Sialyl Lewis X (BD)
#14 Sialyl Lewis X (BD)
#15 Sialyl Lewis X (BD)
#8 Lewis B (1216)
AEC(NV)
EEA(EY Lab)
SELL-188
ACA
MNA
WGA
VGA
VGA(EY Lab)
UEA
SBA
LBL-12
MAA(Sialic Pseudo)
MAL(Sialic Pseudo)
MAA
GNL
CSA-2
ACA
DBA
ACA
Mouse NKR-P1B
WGA
WFA
Human Galectin1
Threonine
BPL
MPL
MAL-I
LCA
GSL I-B4
hJAA-P11-B11
HPA
PNA
CML-1
Microvillin
PAL
PAL-L
HML-VEAL
UEA-I
ACG
Gal-3-428
CA19.9-428
MG-188
Epa1-Np mutant Y228W
SSA
CA19-9 Ab (DKFZ)
Sp Serotype 14
Epa1-Np mutant MGC 6
Sp Serotype 14.12
Sp Serotype 14.13
HA70 complex Alexa
VLRA.1 Alexa
Galectin-1
BPL
Epa1-Np mutant Y228A
CGA
CGA
CSA(EY Lab)
CGB
CGB
Avarin-FE
Epa1-Np mutant E227K
SJA
CEVG1 (Gal)
Mono2R
NPA
CEVG1 (GlcNAc)
UEA(EY Lab)
WVA(EY Lab)
SNA
ISEL
SJA
CA
PHA-L
PHA-E
Galectin-1
RCA-I (Gal)
RCA-I (GlcNAc)
VVHA(EY Lab)
TJA-II
TJA-I
ABA
human Galectin-7
GAL-7
PTA
VIP-9
DC-ASGPR-Sp3
RNA-VCP-Sp3
Mouse Galectin1
PHA-E
PHA-L
Dectin-1
AOL(HA(EY Lab))
AOL(Native)
WGA multimer
WGA monomer
ME2(detected with a-HRP)
ME5(detected with a-AP)
Tbr-BLT

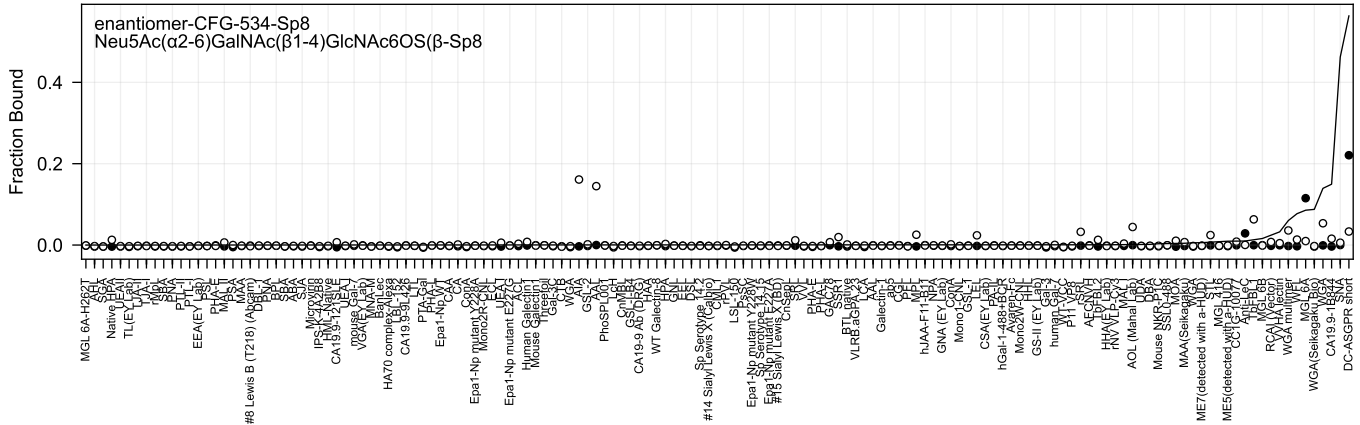

enantiomer-CFG-529-Sp0
Fuc(α1-2)Gal6OS(β1-3)GlcNAc(β-Sp0
Fraction Bound
0.0
0.2
0.4
hJAA-F11 B11
MGL-1 A16
WGA(Seikagaku Bip)
VVL
UEA I
TL(EY Lab)
SJA
SBA
BSII
PNA
SSA
SBA
PTA-Gal
MAL I
MAL II
#14 Sialyl Lewis X (Calbio)
#8 Lewis B (12-18) (Alpharm)
DBA
BPL
VGA(EY Lab)
EEA(EY Lab)
GS-II (EY Lab)
BJA-B
ABA
MPA
MAA(Seikagaku)
CA19.9-1 B924
mouse Gal-7
human Gal-7
LSL-1 B3
VLRB.aGPA.23
HA70 control A4H98
CA19.9-1 A4H98
PHA-E
PHA-L
MAL I
P11
Mono2R-CNL
ACL
Traseligi
CTB
WGA
WGA
PhoSL
PhoSP
Epa1-Np mutant Y228A
Mouse Gal2CRD
Epa1-Np mutant E227G
Epa1-Np mutant E227G
UEA I
GSL-4
GSL-4
LEL
LEL
GSL-1 B4
GSL-1 B4
DSL
DSL
EAA
EAA
GNL
GNL
AFCNVH
MicroCVN
HML-Nalv8
Galanthus
PFL
PFL
CVN
Epa1-Np
wt Galectin-3
Mouse NKR-P1
CA19.9 A4H98(Ge)
BanLec
Sp Serotype 14 F2
CA19.9-1 A4H98
Galectin-1
LCA
ACA
ACA
Mono1 VGA
Sp Serotype 14 F2
Sp Serotype 14 F2
GNA (EY Lab)
PHL
PHL
PHA-E
PHA-L
MGL 64-1 (Calbio)
MGL A16(EY Lab)
HPA
HPA
#15 Sialyl Lewis X (92)
Lel
PA-IL
PA-IL
CAA
CAA
rNV VLP C-04
Native HPA
Epa1-Np mutant E227G
CC1G-1007
hGal-1-488-BCR
Asialo-PC
Monoclonal
MG-188
MGL
MGL
CVNB
WGA
SSL0-488
BT1-488
TdBP/K3
SBT
SBT
WGA multimer
PSA-488
ME5(detected with pr-UEA)
DG-A3(detected with pr-UEA)
ME7(detected with pr-SJA)
CML-1
Human Galectin-1
VVA(Vector)
RCA(Vector)
TpF
TpF
AOL (Marine Lab)
Anti-Lel
AAL

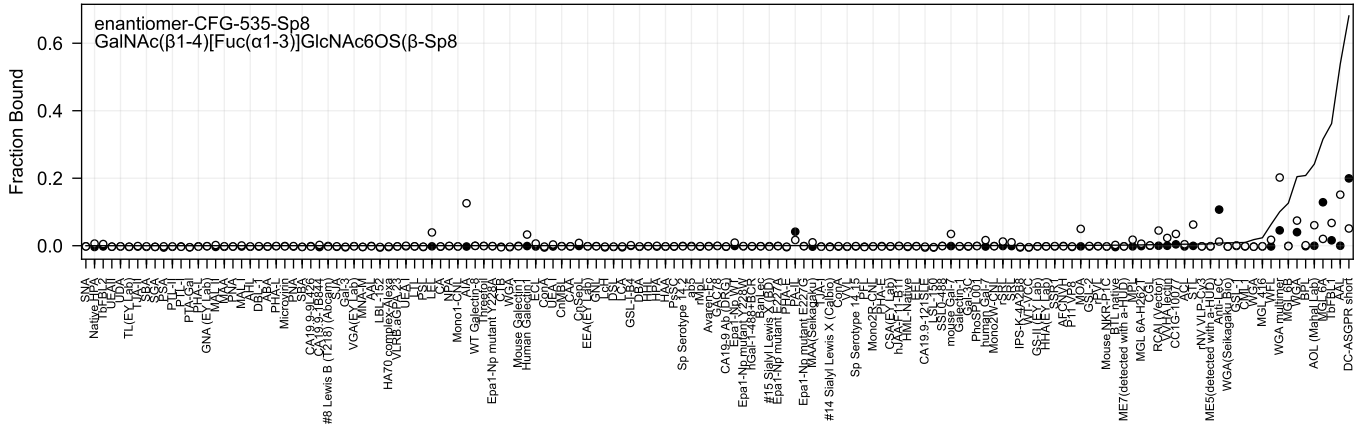

enantiomer-CFG-530-Sp14
Gal(α1-3)[Fuc(α1-2)]Gal(β1-4)GlcNAc(β1-6)GalNAc(α-Sp14
Fraction Bound
0.0
0.1
0.2
MGL 6A-H2627
Galectin-3
Bandeiraea
PWC
HA70 complex
Galectin-1
MOGA-1
Mouse
GS-II (EY Lab)
UEA
TL(EY Lab)
VVA
WFA
SSA
PSA
WGA(Seikagaku)
PNA
GNA (EY Lab)
Epa1-Np WT
Epa1-Np mutant E227A
Epa1-Np mutant E227Q
PhoSL(Mol)
WT Galectin-3
CA19.9 Ab (Nakata)
MGL 416
hGal-1-488+BSA
#15 Sialyl Lewis X (Tab)
PWA
VLRB.aGP.A2
MOA
VGA(EY Lab)
#14 Sialyl Lewis X (Carb-1)
hJAA-F (Tab)
GSL-I-B4
CSA(EY Lab)
Mouse Galectin-1
Human Galectin-1
Mono2R-PNA
P11
Mouse NKR-P1C
Vicrostatin
GSL-I-A4
WGA
PUAFE
MAA(Seikagaku)
PHA-E
MAL I
WGA
MEL
Gal-3C
OAA
Sp Serotype 14.2
Microgloin
CA19.9-1-B244
Sp Serotype 14.3
UEA I
Mono1-SNA
CA19.9-1-2(Tab)
#8 Lewis B (T218) (Abcam)
CA19.9-1-428
Mono2-SNA
Epa1-Np mutant L229A
Epa1-Np mutant L229Q
LSL-180
EEA(EY HRA)
HHA(EY Lab)
WFL
human Gal-7
RCA-120
LBP-192
CCL-Gal-7
mouse Gal-7
ECA
AOL (Mahal Lab)
TNF-α-488
PHA-L
PA-IL
VVH-A
Galectin
CoA
AIA
PTA
DBA
SSL(1)488
BPL
MAL I
DC-ASGPR short
CTB
WGA multimer
SCL
ME7(detected with a-HUD)
ME5(detected with a-HUD)

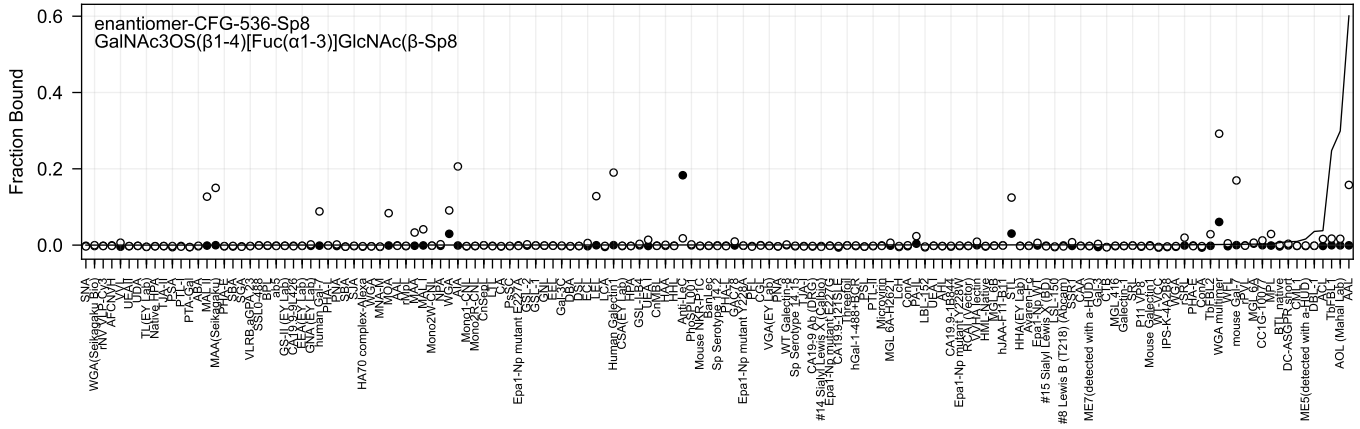

enantiomer-CFG-531-Sp0
Fuc(α1-2)Gal(β1-4)GlcNAc(β1-2)Man(α-Sp0
Fraction Bound
0.3
0.2
0.1
0.0
WGA(Kakegawa) LBP
Sp Serotype 4 A19
UEAII
UDA
TL(EY Lab)
VGA(EY Lab)
LSL-35
PSA
RCAI (Vector)
PNA
PP-1
EEA(EY Lab)
PHA-L
BSL
Native HPA
mPA
Sp Serotype 1 A19
GSII(EY Lab)
BPL
SBA
#8 Lewis B (T218) (Avidity)
#15 Sial(V1 Lab) (Avidity)
Morgan
CA19.9-Lab
CA19.9-PBS44
Human Gal-3
hGal-1-488
PNA
MGL-1 416
HA70 complex
PBP-1
GSL-4
mouse Gal-7
MAA(Sekagaku)
PHA-E
WT MOR
PHA-L
PhoSL(NAN)
AIA
VVA
WGA
PWM
KPA
GSL-2
GSII
Mouse Galectin-1
CSA
MAL
UEAI
HPA
CSA(EY Lab)
GSL-1
ConA
DBA
VVA
SNA
SSA
Epa1-Np mutant V226W
SSA(EY Lab)
Galectin-7
Epa1-Np mutant V226A
TJA-I
VLRB.aGEA-2
VLRB.aGEA-3
Epa1-Np mutant E229S
ESA
ESA-2
CNA
PSL
CGL
Cnl-1
WT Galectin-3
CA19.9 Alexa(BRG3)
CA19.9 Alexa(Lab)
Tomato
CA19.9-Lab
LTA
Epa1(Lab)
#14 Sialyl Lewis X (Lab)
SAA
SAL
SGA
SGA-1
TJA-II
Mouse NKR-CNVH
LAA
LBL-12
PHA-E
HMA
Mouse-Kaline
hAAA-F1-C1
ABA
CCTG-10077
Morro PAL
PAL
rNV VLP
GNA
Epa1-Np mutant E229A
GNA (EY Lab)
TPS-2 (Lab)
Human Galectin-1
SBL
ComEL
HHA(EY Lab)
AVA
PFB-L2
Morgan2VCNE
WGA2VCNE
ABP
VEA
SSL-1-488
BT1 Mouse
AAL
VVHA recomb
PHA-E
PHA-L
DC-ASGPR
PTL
PTL-1
ME7(detected with a-H-LUD)
AOL
ME5(detected with a-SNA)
TbFBL-1

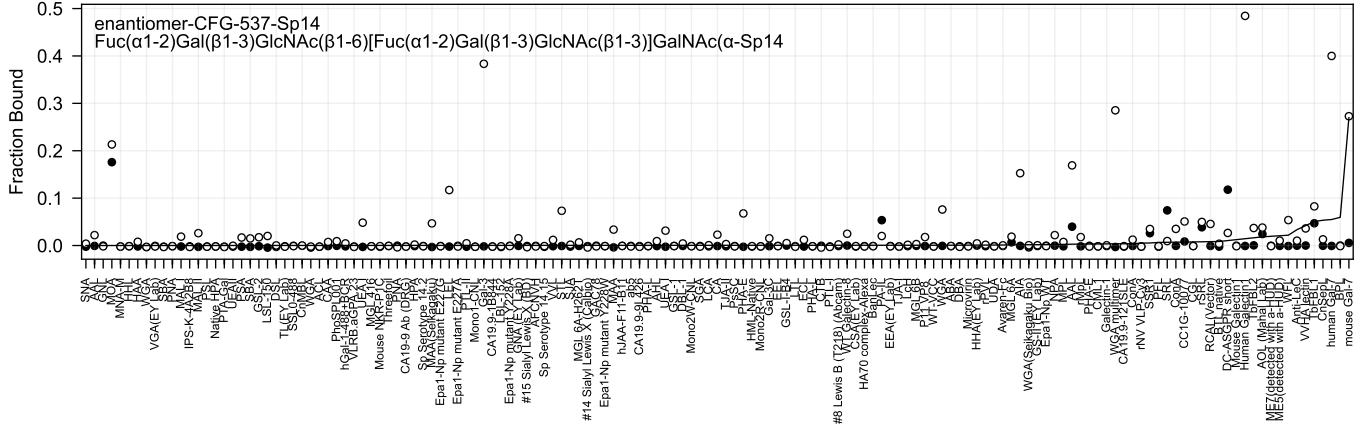

enantiomer-CFG-532-Sp0
Fuc(α1-2)Gal(β1-3)GlcNAc6OS(β-Sp0
Fraction Bound
0.6
0.4
0.2
0.0
hJAA-F11-B11
EEL
LTL
MAL
MAA
MAA(Seikagaku)
PHA-L
PHA-E
PNA
PTA-I
PTA-G
TL
TL(EY Lab)
SBA
GSL-I-B4
GSL-I-A4
WGA(Seikagaku)
UEA-I
DSA
DBA
BPL
hGal-1-488
#15 Sialyl Lewis X
ABA
BJA-B
BPL
PNA
EEA(EY Lab)
SBA
DBA
VGA
VGA(EY Lab)
WGA
MPA
AAL
CSA(EY Lab)
LFA
WGA
Thrombomodulin
ACL
Mouse NKR-P1
Mouse Galectin-1
Human Galectin-1
PhoSL(Rio)
GSL-I
CTB
CTA
GNL
ABL
CaSL
HA70 control
Lectin(Vector)
GS-II (Lectin Lab)
EVL
ESL
HMA
HM-1-488
PSA-FITC
Sp Serotype 14-1
Sp Serotype 14-2
#14 Sialyl Lewis X
AFGN(Vector)
GAL
GAL-8
PSL
Sp Serotype 14-2
WFL
BVL
CA19.9-HRP
DSL
CA19.9-488
CGL
Epa1-Np mutant E22GE
CA19.9 Ab (DRG)
Epa1-Np mutant E40GA
KOA
AVL
ACL
PVA
WGA
Gal-3C
Mouse Galectin-9
NPA
RCA(Vector)
LEL
GNA (EY Lab)
PNA
Monos-CNL
Monos-PSL
Bari-sec
VLRB
Bari-pro
CA19.9-121SLE
SSL0-488
Native LEA
Mono2R-CNL
Mono2W-CNL
LEL
LEA
CoPA
WFA
PHA-E
Epa1-Np mutant Y226A
Galectin-3
CCK-10077
MGC-BTL
MGC-BTL native
WGA(Alumina)
HPA(Alumina)
PT1 VB8
Epa1-Np
WA
SNA
CoPA
AvaSSB1
MGKBB
MGKBB
TBP
TBP-B2
SBT
SBT-B
ME7(detected with a-CD)
#81 Lewis B (12.18) (Abcam)
ME5(detected with a-CD)
UEA
Ang-Leg1
nNXXA-Cy3
hNXXA-Cy3
hungen Gal-7
WT Galectin-3
DC-ASGPR short
AOL(Wakai Lab)
AAL

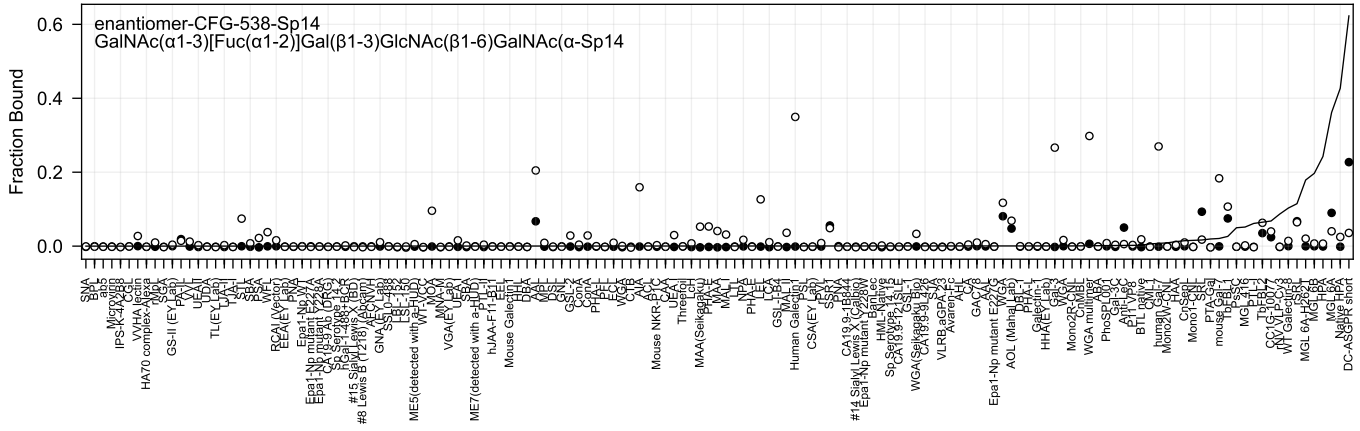

enantiomer-CFG-533-Sp0
Fuc(α1-2)Gal6OS(β1-3)GlcNAc6OS(β-Sp0
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
MNA-M
GNL
EEL
GSL-I B4
PNA
MAL I
MAA(Seikagaku)
PSL-I
PTA-Gal
TL(EY Lab)
UDA
WGA(Seikagaku Bio)
Mpl
DSA
#15 Sialyl Lewis X (Bio)
CGL
CnSec
MAL II
ECA
PhoSL
WGA
UEA I
Thrombin
CnMel
LCA
#8 Lewis B (T218) (Abcam)
DSL
CSA(EY Lab)
PsSD
CA19.9-(BBI)
mouse Galectin-3
CA19.9-(Calbiochem)
Epa1-Np mutant Y228V
#14 Sialyl Lewis X (Bio)
human Galectin-3
GSL-I (EY Lab)
WT Galectin-1
AleCL
Gal-1
Epa1-Np mutant Y228A
SJA
CA19.9-(Abcam)
HA70 complex-Alexa
GSL-2
MGL-418
HMA
BL B5
BL B2
hGal-1-488
Epa1-Np mutant E227A
Epa1-Np mutant Bam1-ec
Sp Serotype 19A
Epa1-Np mutant E227A
Sp Serotype 19F
Sp Serotype 9V
WFL
PTL
SBA
SCA
VGA(EY Lab)
VLRB-A(GPA-33)
LSL-I
Mouse Galectin-1
PAL
Gal-3C
Mono1
RBA
WT Galectin-3
MGA
Mono2
hJAA1
PHA-L
PHA-E
Mouse NKR-P1
HPA
CA19.9-121
PHA-P
PSA
CCK1G-1077
Microvil
WVL
IPS-K-4A2B8
HIA
Native HA
MGL (EY Lab)
GNA (EY Lab)
NVJ (NK cx)
MPA(EY Lab)
CoPA
DBA
Avarol-E
SSA
BTL
WGA
CVN
CTA
TA-1
Galectin-8
Anti-Lac
SAMBUCUS
DEBP
VVA
SBA
ME7(detected with anti-UDP)
MGL
SBA
UEA I
WGA
WGA multimer
Human Galectin-7
ME5(detected with anti-UDP)
SNA
RCA(EY lectin)
DC-SIGN
DEBP-1
ACL(Natural sugar)
AAL

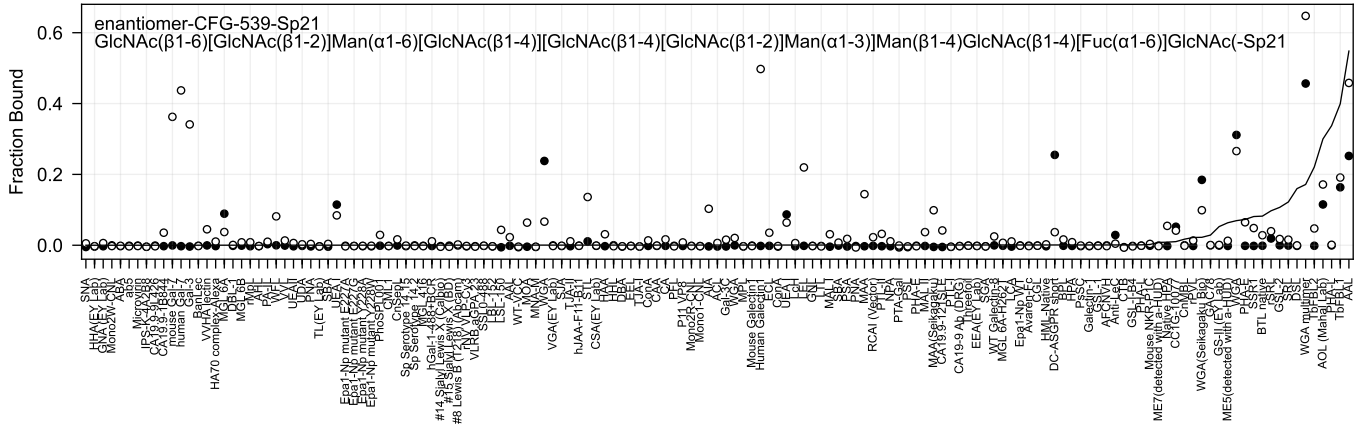

enantiomer-CFG-534-Sp8
Neu5Ac(α2-6)GalNAc(β1-4)GlcNAc6OS(β-Sp8
Fraction Bound
0.0
0.2
0.4
MGL 6A-H2B7
SGA
SBA
Native (EAI)
TL(EY Lab)
VVA
SBA
PNA
PTL-I
EEA(EY Lab)
MAL
BSA
MAA
DBA
DBL-7
EBA
SBA
SBA
SJA
Mouse Gal-7
IPS-Mouse
BML-2 Native
CA19.9-12 (EA)
Mouse Gal-7
VSA(EY Lab)
MAA-M
Bovine sec
HA70 complex
Bat-138
CA19.9-8 (EA)
LTA
PA-Gal
Epa1-Np WT
CCA
CCA
Epa1-Np mutant Y288A
Mono2R-CONA
UEA1
Epa1-Np mutant E225G
Human Galectin1
Mouse Galectin1
Human Galectin3
Gal-3C
WGA
WGA
GSA
AAL
PhoSPLA1
DBA
SnMB
CA19-9 Ab (DRG)
WT Galectin1
HPA
HPA
GNL
DSL
DSL
Sp Serotype
#14 Sialyl Lewis X (Calbio)
CD1d
Lsl-150
Epa1-Np mutant Y288V
Sp Serotype 14-15
Epa1-Np mutant Y288F
#18 Sialyl Lewis X (TBD)
Chs-SBL
VVL
PHA-E
PHA-L
GSA-B4
BTL native
VLRB.aGPC
ACA
ACA
Galectin1
abo
CGL
MPL
MPL
hJAA-F11
NPA
GNA (EY Lab)
Mono1-CONA
GSL-I
CSA(EY Lab)
hGal-1-488-BCR
Mono2(P)-CONA
HHL
GS-II (EY Lab)
human Gal-3
human Gal-9
P11
Y28
AEGN
CVN
DSA
HHA(EY Lab)
rNV(VLP-C)
MAL
AOL (Mahal)
UDA
PFA
Mouse NKR-P1C
SSL1
MAA(Seikagaku)
ME7(detected with a-PrP)
ME5(detected with a-PrP)
CCL2-10072
Ricin
PHB1
MGL-6A
RCA(EY Lab)
WGA mut
WGA(Seikagaku)
MGL-6A
WGA
CA19.9-1
SNA
DC-ASGPR short

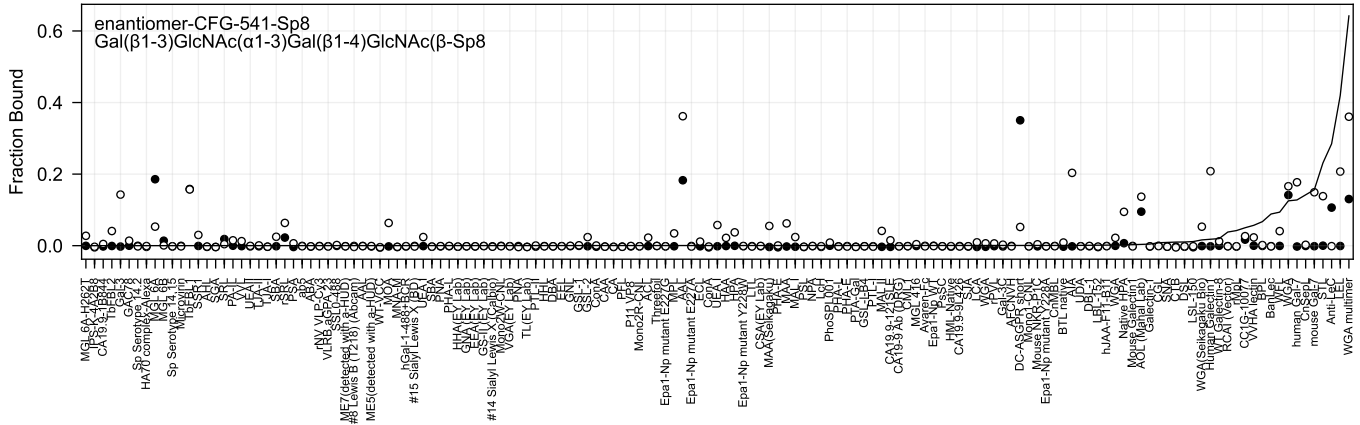

enantiomer-CFG-535-Sp8
GalNAc(β1-4)[Fuc(α1-3)]GlcNAc6OS(β-Sp8
Fraction Bound
0.0
0.2
0.4
0.6
SNA
SPA
TJA-I
UDA
TL(EY Lab)
SBA
BSA
PNA
PT-1
PTA-Gal
PTA-Lac
MAL I
BPA
MAL II
DBA
DSL-1
PHA-E
PHA-L
Microwin
SBA
CA19-9 (Abcam)
CA19-9 (Abcam)
#8 Lewis B (T218) (Abcam)
Gal-3
VGA(EY Lab)
Gal-9
Ara
LBA
HA70 complex
VLRB aGP-23
VLRB aGP-23
CEL1
CEL2
CEL
CCL
Mono1 CCL
WT Galectin-1
Epa1-Np mutant Y226G
Epa1-Np mutant Y226G
WGA
Mouse Galectin-1
Human Galectin-1
ECA
CGA
CholA
OAA
EEA(EY Lab)
CSA(EY Lab)
GNL
DSL
LCA
GSL-I
DBA
HPA
HHA
PAA
Sp Serotype 19-2
Abs
Avaga-LEC
CA19-9 Ab (DRG3)
CA19-9 Ab (DRG3)
Epa1-Np WT
Epa1-Np mutant 188-189CK
Epa1-Np mutant 188-189CK
Bovine-PC
#15 Sialyl Lewis B
Epa1-Np mutant E227G
Epa1-Np mutant E227G
PACL
Epa1-Np mutant E227G
NAA(Seikagaku)
#14 Sialyl Lewis X (Calbio)
VVL
Sp Serotype 1
PNA
Sp Serotype 1
Mono2B-PACL
CSA(EY Lab)
hAAM (Lab)
hAAM (Lab)
EEL
CA19-9-12-L-55
SSL-488
mouse Galectin-7
Galectin-1
PhoSpl-C
human Galectin-7
Mono2WT-PACL
SSL
SSL-I
IPS-K-4-A
SSB
CSA(WT-VCC)
CSA(EY Lab)
HHA(EY Lab)
AFSSA1
β11-VVL
GNL
GNL2
GNL3
BPL
Mouse NK1-PACL
BTL (native)
MGL 6A-H-2821
RCA(Vector)
RCA(Vector)
CCTG-1000
ACL
ACL
ACL
ACL
ACL
ME7(detected with a-HUD)
ME5(detected with a-HUD)
rNV VLP-L
WGA(Seikagaku Bio)
GSL-1
VVL
MGL JAP
WGA (Nature)
WGA
WGA
BPL
AOL (Maltal)
MGL 6A
TJA-I
PAL
DC-ASGPR short

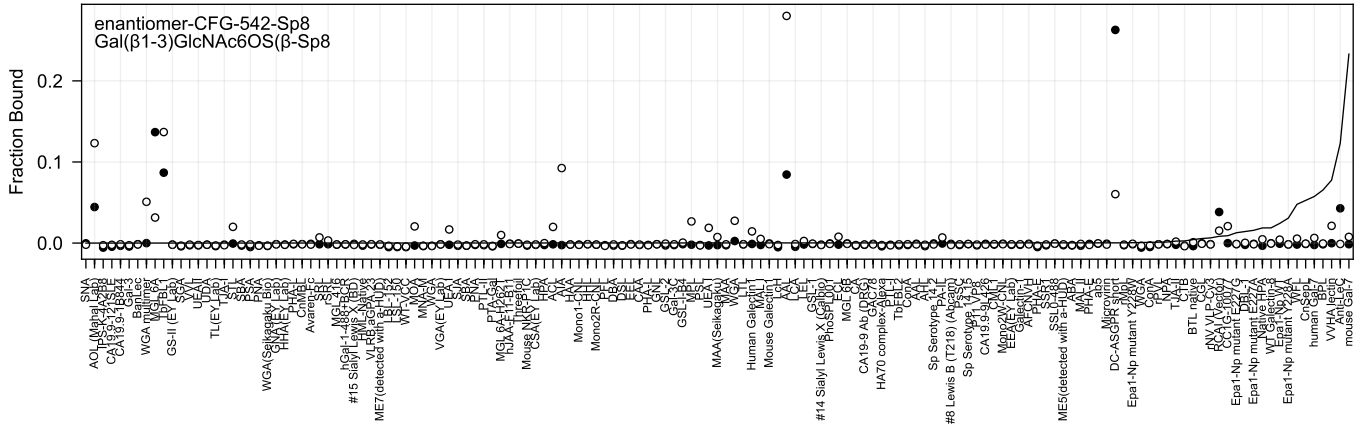

enantiomer-CFG-536-Sp8
GalNAc3OS(β1-4)[Fuc(α1-3)]GlcNAc(β-Sp8
Fraction Bound
0.6
0.4
0.2
0.0
SNA
Bto
NVJ-B-V3
AIL-5-V3
WVI
UEA1
TL(EY Lab)
Naliva (Lab)
PC-1
PSA
PTA-Gal
MAH
MAA(Seikagaku)
PNA
SBA
VLRB.aGPC-A3
SSL7-488
Bsc
GS-II(EY Lab)
CEA(EY Lab)
SNA(EY Lab)
human Galectin-7
PTA-T
SBA
ASA
HA70 complex-A
WGA
MNA-M
MNA-O
ACL
MAL
MAL I
NPA
VVA
VGA
Mono2W-CNI
Mono1-CNI
Monoq-CNI
CRSeq
LCA
PSA
Epa1-Np mutant F258C
GSL-1
GSL-1.2
PHA-E
PHA-L
Gal-8
DSL
DSA
LEL
LEA
Human Galectin-1
CSA(EY Lab)
GSL-I(EY Lab)
EBA
CNA
HPA
HAA
Anti-Tn
PNA
Mouse Neuraminidase 1
Bam.pc
Sp Serotype-14.2
Epa1-Np mutant Y228A
GAL8
CGL
VGA(EY Lab)
PNA
WT Galectin-1
Sp Serotype-19F
CA19.9 Ab (DiAc)
#14 Sialyl Lewis a (Calbiochem)
Epa1-Np mutant F215Y
CA19.9 Ab (Calbiochem)
hGal-1-488 Thioredoxin
BSL
PT-II
Mouse Galectin-9
MGL 6A (H2B2)
Con A
PA-IL
LBL
CA19.9-1-A11
CA19.9-1-A4
Epa1-Np mutant Y228W
RCA120 (Vector)
RCA(I) (Vector)
HMA-Lectin
hJAA-P11-B11
SJL
HHA(EY Lab)
Avaren-Pc
Ewa-N (BD)
#15 Sialyl Lewis x
CSL-150
#8 Lewis B (T218) (Alpha Diagnostics)
SSA(EY Lab)
ME7(detected with a-UDA)
Gal-3
Gal-8
MGL 4.16
Galectin-1
F11 Y5.8
Mouse Galectin-1
IPS-K-4A2B8
ISL
PHA-E
PHA-L
TbPBL2
WGA multimer
mouse Galectin-7
MGL 6A
CC1G-1 (Hyp)
BTA
DC-ASGPR-native
CMT
ME5(detected with a-BLD)
ACL
TxLC (Lab)
AOL (Marbal Lab)
AAL

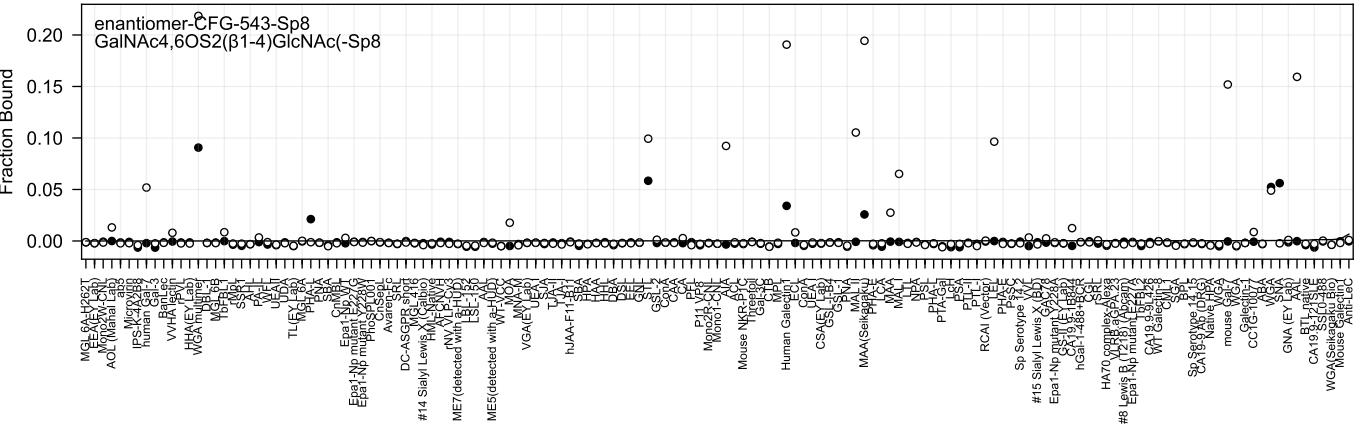

enantiomer-CFG-537-Sp14
Fuc(α1-2)Gal(β1-3)GlcNAc(β1-6)[Fuc(α1-2)Gal(β1-3)GlcNAc(β1-3)]GalNAc(α-Sp14
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
SNA
GNL
ECL
MNA-M
TJA-I
UEA-I
WGA
SBA
VGA
VGA(EY Lab)
PNA
IPS-K-A2B4
MAL-I
ABA
Native HPA
PTA
DBA
EBA
GSL-I-B4
LSL
DSL
TxLE
SEY Lab
SEY Lab
CCMBL
VVA
CAA
CAA
PhoSL
hGal-1488-BCD
VLRB.aGP.23
Mouse NKR-P1
MGL-1-B
CA19-9 Ab (DRA)
HPA
CA19-9 Ab (TKH2)
Sialosiga 1
Epa1-Np mutant E227G
Epa1-Np mutant E227A
Mono2-CL-II
CA19.9-BBG4
Gal-3
Epa1-Np mutant Y228A
#15 Sialyl Lewis X (HD)
Sp Serotype 1
Sp Serotype 7
VVL
SJA
#14 Sialyl Lewis X1-02B2
MGL 6A1-02B2
Epa1-Np mutant Y228W
Epa1-Np mutant Y228W
hJAA-F11-B11
CA19.9-9A 208
PHA-E
PHA-L
UEA-I
DSL-1
Mono2WT-CL
LCA
LCA
TJA-I
PSL
PSL
HML-Native
Mono2-CL-I
Gal-8
EEL
GSL-I-B4
ECL
PHA-E
CTB
#8 Lewis B (T218) (Abcam)
PNA
VCL
Galectin-8
HA70 complex (Alexa)
BanLec
EEA(EY Lab)
TJA-I
ACL
MGL-3B
PWT-VCC
VVA
VVA
DBA
HHA(Everman)
HPA
Avaren-FITC
MGL-1A
WGA(Sakagaki, Eto)
Galectin-10
Epa1-Np WT
NPA
AAL
AAL
PNA
PNA
Galectin-1
CML-1
WGA (human)
CA19.9-12SLE
SLE
rNV VLP-C43
SBA
SBA
SRL
CCL
CC1G-r0002
SSL
SSL
RCA1 (Vector)
DC-ASGPR short
Mouse Galectin1
Human Galectin1
TPB-L2
Acid Walnut Lab
MEZ(detected with a-HUD)
ME5(detected with a-HUD)
Ant-Lec
VVA
HA Lectin
CrSSP
CrSSP
BP
human Gal-7
mouse Gal-7

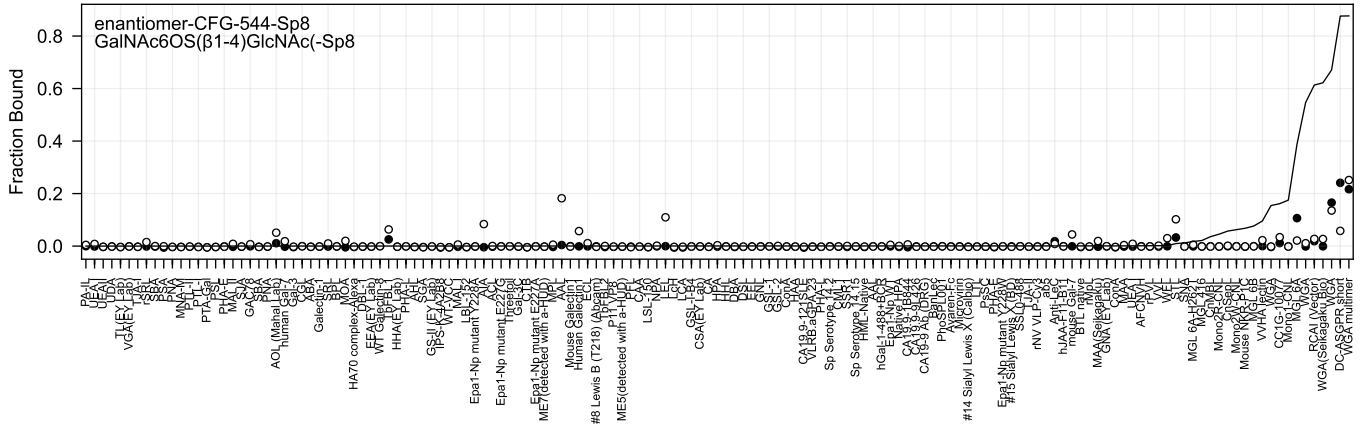

enantiomer-CFG-538-Sp14
GalNAc(α1-3)[Fuc(α1-2)]Gal(β1-3)GlcNAc(β1-6)GalNAc(α-Sp14
Fraction Bound
0.6
0.4
0.2
0.0
SNA
SNA
abs
abs
Mic
Mic
IPS-KAX288
IPS-KAX288
Con
Con
VVHA
VVHA
HA70 complex-Alexa
HA70 complex-Alexa
SBA
SBA
GS-II (EY Lab)
GS-II (EY Lab)
VV
VV
UEA
UEA
TL(EY Lab)
TL(EY Lab)
WJA
WJA
SJA
SJA
PNA
PNA
RCA(Vector)
RCA(Vector)
EEA(EY Lab)
EEA(EY Lab)
PBP
PBP
Epa1-Np mutant
Epa1-Np mutant
Epa1-Np WT
Epa1-Np WT
CA(S9-AB ORFs)
CA(S9-AB ORFs)
#5 Sialyl Lewis X (TBD)
#5 Sialyl Lewis X (TBD)
#15 Sialyl Lewis X
#15 Sialyl Lewis X
#8 Lewis B (12-mer)
#8 Lewis B (12-mer)
AEX(WT)
AEX(WT)
GNA
GNA
SSL1-288
SSL1-288
LBL-188
LBL-188
LBL-156
LBL-156
ME5(detected with a-Fr1)
ME5(detected with a-Fr1)
WT
WT
WOX
WOX
VGA(EY Lab)
VGA(EY Lab)
MMA-M
MMA-M
SBA
SBA
ME7(detected with a-Fr1)
ME7(detected with a-Fr1)
PTL-1
PTL-1
hJAA-Fr1
hJAA-Fr1
EEL
EEL
Mouse Galectin-1
Mouse Galectin-1
DEA
DEA
AIL
AIL
MAL
MAL
DSL
DSL
GSL-I
GSL-I
ConA
ConA
PHA-L
PHA-L
ECL
ECL
WGA
WGA
CVN
CVN
Mouse NKR-P1C
Mouse NKR-P1C
CAA
CAA
Thr
Thr
Ech
Ech
MAA(Seikagaku)
MAA(Seikagaku)
BPA
BPA
MAA-I
MAA-I
NTL
NTL
PNA
PNA
PHA-E
PHA-E
LEL
LEL
GSL-I-B4
GSL-I-B4
Human Galectin-1
Human Galectin-1
PSL
PSL
CSA(EY Lab)
CSA(EY Lab)
PSA
PSA
SSA
SSA
CA19.9-LBL44
CA19.9-LBL44
#14 Sialyl Lewis X
#14 Sialyl Lewis X
Epa1-Np mutant (C288W)
Epa1-Np mutant (C288W)
HML
HML
Bam.lec
Bam.lec
Sp.Serpin-1
Sp.Serpin-1
CA19.9-1-1-18
CA19.9-1-1-18
CSL-E
CSL-E
WGA(Seikagaku Lot)
WGA(Seikagaku Lot)
CA19.9-SL
CA19.9-SL
SAA
SAA
VLRB.aGP-23
VLRB.aGP-23
Atlantic-2
Atlantic-2
AHL
AHL
GAC
GAC
Epa1-Np mutant E224A
Epa1-Np mutant E224A
WGA
WGA
AOL (Mana)
AOL (Mana)
PHA-L
PHA-L
Gerbil-Lec
Gerbil-Lec
HHA(EY Lab)
HHA(EY Lab)
GAL
GAL
Mono2R-GNL
Mono2R-GNL
WGA number
WGA number
PhoSpl-ABA
PhoSpl-ABA
Gal-3C
Gal-3C
AIA-Vec
AIA-Vec
BTL native
BTL native
human Gal-1
human Gal-1
Mono2W-GNL
Mono2W-GNL
CrSerpl
CrSerpl
MonoT-SSL
MonoT-SSL
PTA-Gal
PTA-Gal
mouse Gal-1
mouse Gal-1
EBL-1
EBL-1
TP-1
TP-1
MGL
MGL
PTL-1
PTL-1
CC(130647)
CC(130647)
NVCVLP-Cy3
NVCVLP-Cy3
WT Galectin-3
WT Galectin-3
SBP
SBP
MGL 6A12
MGL 6A12
PCA
PCA
HPA
HPA
MG
MG
HPA
HPA
Native
Native
DC-ASGPR short

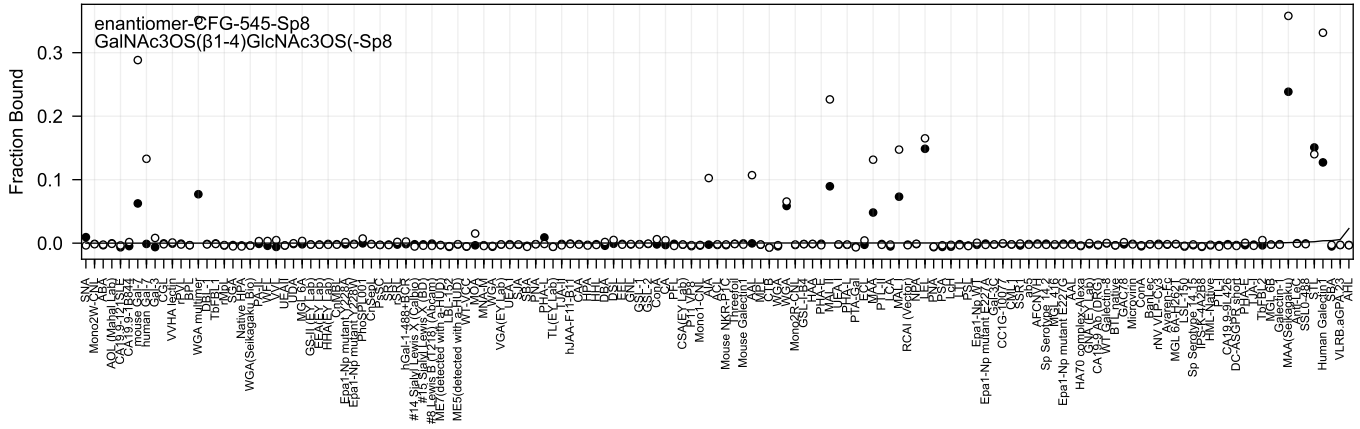

enantiomer-CFG-539-Sp21
GlcNAc(β1-6)[GlcNAc(β1-2)]Man(α1-6)[GlcNAc(β1-4)][GlcNAc(β1-4)[GlcNAc(β1-2)]Man(α1-3)]Man(β1-4)GlcNAc(β1-4)[Fuc(α1-6)]GlcNAc(-Sp21
Fraction Bound
0.0
0.2
0.4
0.6
SNA
SNA (Lab)
HHA(EY Lab)
Mono2W
ABA
abo
MicroA
IPSC-2-A2488
CA19-9 - 1B44
CA19-9 - 1B44
mouse Gal-3
human Gal-3
VVH
Ran-lec
HA70 complex
Alexa
MGL-1
MGL-6
AIL
RIC
RVF
VCL
UEA
PNA
SBA
WFA
UEA
TL(EY Lab)
Epa1-Np mutant E272A
Epa1-Np mutant E272Q
Epa1-Np mutant Y289A
Epa1-Np mutant Y289Q
PhoSCN11
Cra
CrSPL
So Serotype 1,2
Sp Serotype 1,2
#14 Sialyl Lewis x (Calbio)
hGal-1 48-135
#8 Lewis B (Calbio)
#14 Sialyl Lewis x (Calbio)
VCRA
ABP-23
LSL-1-50
SSL-1-88
LSL-1-50
WT
AAL
MOA
MNA
VGA
VGA(EY Lab)
TJA-I
TJA-II
hJAA-F11
BS-1
CSA(EY Lab)
TEL
DBA
PHA-E
TJA-I
CoA
CoA
PCA
VFA
P11
Mono2R
Mono1
CNL
ACL
ACT
GNA
WGA
Mouse Galectin1
Human Galectin1
CGA
CGA
UEA
CEL
GNL
MAL
MAA
BPA
BPL
MAA
RCA
RCAI (Vector Lab)
NPA
PTA
PTA (Bsi)
RIA
RIA-E
MAA(Seikagaku)
CA19-9 - 12SLE
CA19-9 Ab (DRG)
EEA(EY Lab)
EEA(Vector Lab)
STA
WT Galectin-3
MGL 6A1P2B3
Epa1-Np
Avanto-EC
HIM
HIM-Native
DC-ASGPR short
FEA
FEA
Galectin-1
ASGP-1
ASGP-1
Anti-Leb
CTB
GSL-I-B4
PHA-L
Mouse NK1-HDD
ME7(detected with Fc-HDD)
Naive HA2
CD1d-HDD
CMBP
WGA(Seikagaku)
SACY8
GSL-I-B4
ME5(detected with Fc-HDD)
PVGA
SSRT
BTL
BTL (Lab)
GSL-2
DSL
DSL
WGA mutant
UDA
AOL (Mahal Lab)
TD-FBP-1
AAL

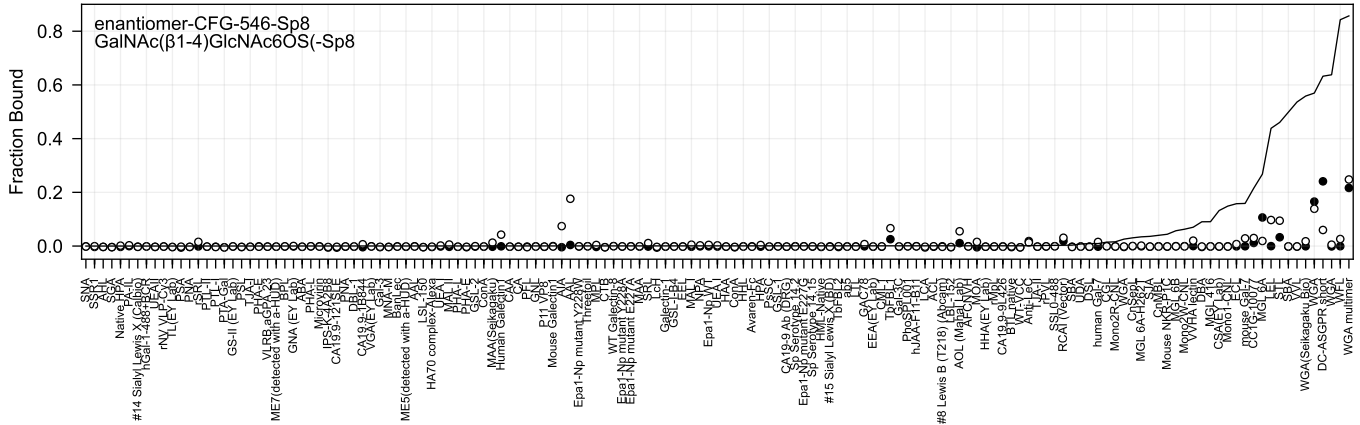

enantiomer-CFG-541-Sp8
Gal(β1-3)GlcNAc(α1-3)Gal(β1-4)GlcNAc(β-Sp8
Fraction Bound
0.6
0.4
0.2
0.0
MGL-64 (1267)
Jurkat
CA19.9 (1116)
Tn
Gal-3
GA-C12
Sp Serotype 14
HA70 complex
Lewis x
MGL-88
Sp Serotype 14 15
Mouse IgG
TgBL1
SSL1
SSL6
PA-IL
LEA-1
LEA-2
SBA
rSBL
rSBS
ABA
rNV VLP
VLRB.aCD23
VLRB.aCD23.23
ME7(detected with a-HuD)
#8 Lewis B (1218) (Ab-conf)
ME5(detected with a-HuD)
WT
WOX
MNA-O
hGal-1-48
MNA-N
#15 Sialyl Lewis X (1B1)
UEA
PNA
PHA-E
HHA(EY Lab)
GNA(EY Lab)
SNA(EY Lab)
GS-I(EY Lab)
#14 Sialyl Lewis X (2C10)
WGA(EY Lab)
TL(EY Lab)
P-II-1
DBA
GNL
GSL-1
CSA
CoA
PFF
P11 VLP
Mono2R-CSL
Acl
Epa1-Np mutant E222A
Tim
Epa1-Np mutant E222Q
WT
Epa1-Np mutant E222A
CGA
LEA-1
LEA-2
PHA-L
Epa1-Np mutant Y226W
CSA(EY Lab)
MAA(Seikagaku)
PHA-L
MAA
PSL
NCA
PhoSP-1001
PHA-E
PTL-I
GSL-I-B4
PTL-I
MPL
CA19.9-12
CA19.9 Ab (OncG)
MGL-416
Epa1-Np WT
Epa1-Np WT
HMI-8
PsSC
CA19.9-9-128
SLA
VFA
VFA
Gal-3C
DC-ASGPR-SHL
Mono1-SHL
Epa1-Np mutant K222A
Mono1-SHL
Epa1-Np mutant K222A
CMBEL
BTL mutant
AIA
DBA
DBA
LEL-1
hJAA-FL
WGA
Native HPA
Mouse IgG
AOL (Mahal Lab)
Galectin-1
Gal-1
SNA
DSL
WGA(Seikagaku)
LSL-1
LSL-1 (130)
Human Galectin-1
RCA120(Vector)
CC1G-1001
CVHA legin
Bap
Bap
WFL
WFL
human Gal-7
mouse Gal-7
Gal-3
STL
Ann-LEL
WGA multimer

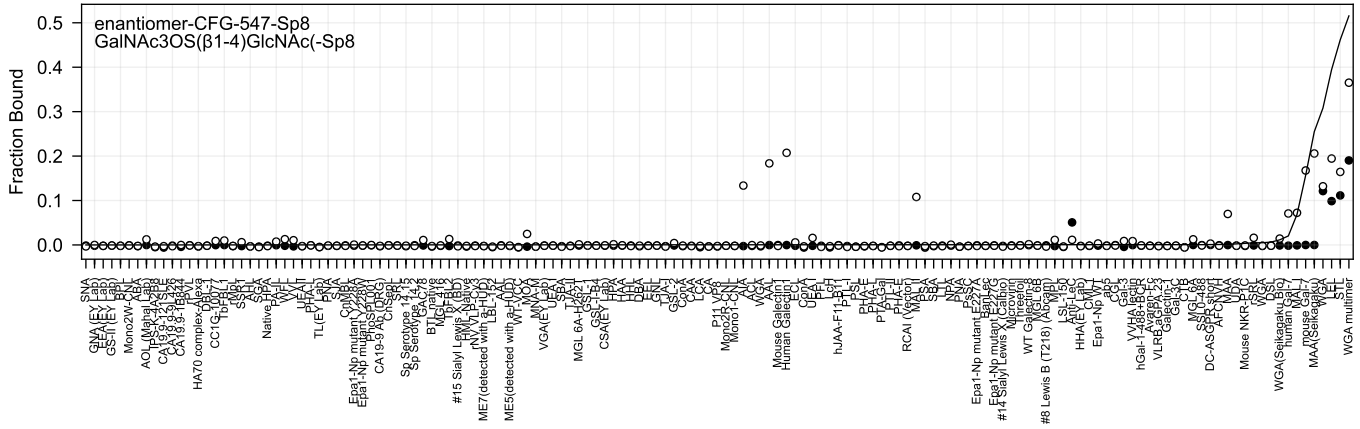

enantiomer-CFG-542-Sp8
Gal(β1-3)GlcNAc6OS(β-Sp8
Fraction Bound
0.0
0.1
0.2
SNA
AOL (Maha) (Lab)
Bap-2
Bap-3
CA19-9-1B844
Gal-3
WGA mutant
Bap-1
GS-II (EY Lab)
VVL
UEA
TL(EY Lab)
SJA
SBA
PNA
WGA(Seikagaku Lab)
HHA(EY Lab)
ChMel
Avarol
SSL1
MGL
hGal-1-488-BCB
#15 Sialyl Lewis X (Lab)
VLRB.aGP.25
ME7(detected with anti-HLD)
TSL-150
WT-1
MOA
MVGA
VGA(EY Lab)
LCA
SBA
PTL-I
MGL 6A (Lab)
hJAA-1-TB11
Mouse NRP/B
CSA(EY Lab)
HPA
ACL
HAA
Mono1-CONL
Mono2R-CONL
DBA
DSL
CAA
PHA-L
GSL-2
Gal-1
GSL-B4
MEL
Orosomucoid
UEA1
MAA(Seikagaku)
WGA
Human Galectin1
Mouse Galectin1
ECA
LCA
SJA
#14 Sialyl Lewis X (Lab)
PhoSPL (Lab)
MGL 8B
CA19-9 Ab (DRG)
GAC78
HA70 complex-BHA
TBEA
AOL
AAL
Sp Serotype 2-1-2
#8 Lewis B (T218) (Abcam)
Sp Serotype 1
CA19-9-1A78
Mono2W-CONL
EEL
GNA
AFP-HNV1
PSSR
SSL1-U88
ME5(detected with anti-HLD)
CTB
ABA
MAL-II
ab5
Microprot
DC-ASGPR short
Epa1-Np mutant Y208W
WGA
CGA
NCA
TJA-I
CTB
BTL native
RNA VLP-C3
CCL(G-7000)
Epa1-Np mutant E227A
Epa1-Np mutant E227Q
WT Galectin-1
Epa1-Np mutant Y208F
Epa1-Np mutant Y208A
CrSP1
human Galectin-7
BPL
VVHA lectin
Ara h 1
mouse Gal-7

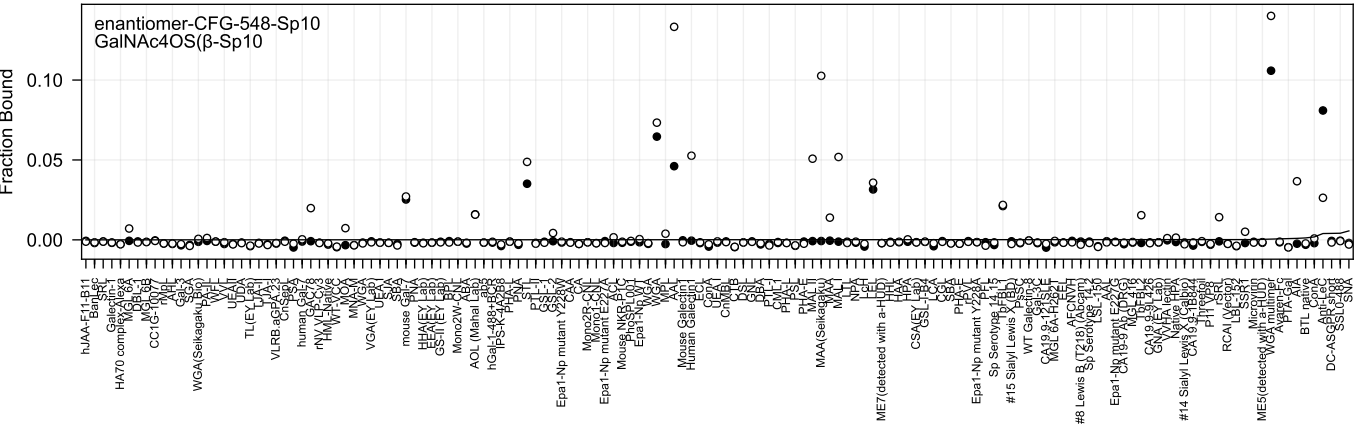

enantiomer-CFG-543-Sp8
GalNAc4,6OS2(β1-4)GlcNAc(-Sp8
Fraction Bound
0.20
0.15
0.10
0.05
0.00
MGL6A(H263T)
EEA(EY Lab)
AOL(Mouse)-CNL
Monza2V-CNL
AOL(Human)-CNL
ab9
IPS
Mouse
Human
human Gal-3
Bane-c3
Bane-c1
VVHA-Fc
VVHA(EY Lab)
WGA mutant
WGA-Fc
TD-Mgl
Mgl
SRH
PAA-I
PAA-II
UEA-I
UDA
TL(EY Lab)
PNA-Fc
PNA
PBA
SBA
Epa1-Np mutant
Epa1-Np mutant F222A
Epa1-Np mutant F222A
PhoSC001
Avarol
SbeSec
SRL
DC-ASGPR
WGA(E-416)
WGA(Calbio)
NV(EKNV)
NV(Calbio)
ME7(detected with anti-HOD)
LEL-156
LEL-152
ME5(detected with anti-HOD)
MOA
MOA(Calbio)
VGA(EY Lab)
UEA-I
TJA-I
TJA-II
hJAA-F11-B11
SBA
DBA
DSL
GNL
GSL-I
GSL-I-B4
CoA
CoA-II
PFF
PHA-E
PHA-L
P11
Monoc2-CNL
Monoc1-CNL
CVN
Mouse NKR
ACL
Threelobe
Gal-3B
MPL
Human Galectin-1
GRA
GRA-II
CSA(EY Lab)
GSL-I-B4
BNA
BNA-A
MAA(Seikagaku)
MAA(Vaulx)
PHA-E
PHA-L
MAA
MAL
NPA
NPL
PHL
PTA-Gal
PSA
PTL-I
PTL-II
RCAI (Vector)
PHA-E
PHA-L
Sp Serotype 1
Sp Serotype 2
VVL
#15 Sialyl Lewis X
AAL
Epa1-Np mutant
Epa1-Np mutant F222A
CA19-9 (Fab)
CA19-9 (IgG)
hGal-1-486-BCL
SRL
SRL
HA70 complex
VRB-a-GPA-933
VRB-a-GPA-1
VRB-a-GPA-2
Epa1-Np mutant
LCTB-L2
CA19-9 (Fab)
CA19-9 (IgG)
CVN
CVN-II
BPL
Sp Serotype 15
CA19-9 (Fab)
Native HPA
mouse Galectin-3
WGA
Galectin-7
CC-TG-10077
VVA
VVA
SNA
GNA (EY Lab)
AAL
B17 (native)
CA19-9 (Fab)
SSL(1-385)
WGA(Mouse Galectin-10)
Mouse Galectin-10
Anti-LeC

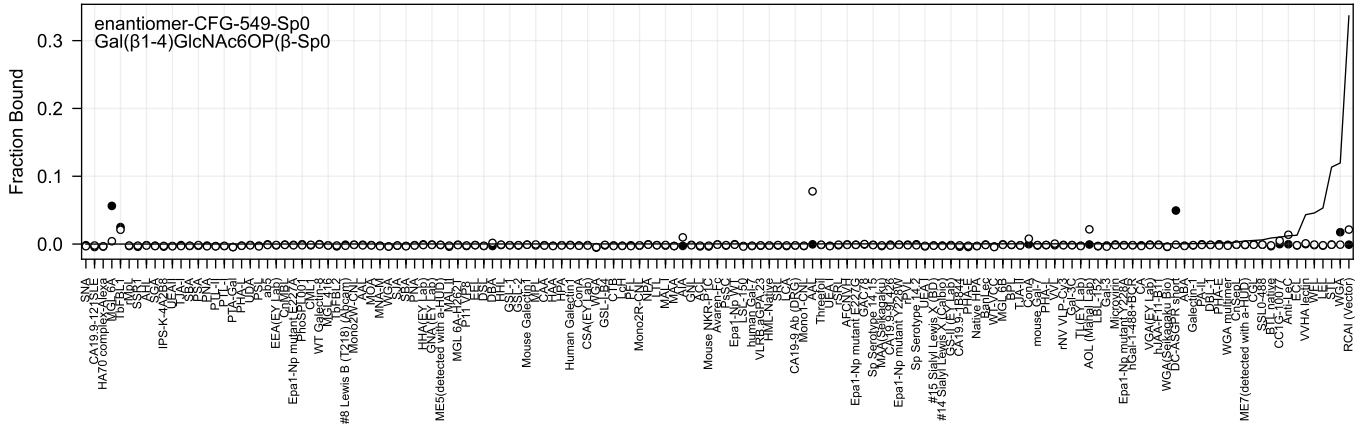

enantiomer-CFG-544-Sp8
GalNAc6OS(β1-4)GlcNAc(-Sp8
Fraction Bound
0.0
0.2
0.4
0.6
0.8
PA-IL
UEA-I
UEA-II
TJA-I (EY Lab)
vgA (EY Lab)
SBL
SBA
PNA
MPL
PTA-I
PTA-Gal
PSL
MAL-I
GSL-IA
GSL-IB
SBA
AOL (Mahal Lab)
human Gal-1
CGL
Galectin-8A
SBL
MOA
HA70 complex (Jia-a
TJA-II
EEA (EY Lab)
WT Galectin-1
HHA (EY Lab)
PAA
ACL
SGA
GSL-III (EY Lab)
TPS (EY Lab)
WFA
MAL-II
LEL
Epa1-Np mutant F232
ZAA
Epa1-Np mutant E232
Treehgl
CTB
Epa1-Np mutant E232A
MER (detected with a-HUD)
MPL
Mouse Galectin1
Human Galectin1
#8 Lewis B (T218) (Abram)
PTA-Gal
ME5 (detected with a-HUD)
CAA
LSL-1 (EY Lab)
LEA
LEL
LCA
GSL-I B4
CSA (EY Lab)
PHA
HPA
DBA
PSL
PEL
SNA
SNA-I
GSL-I
ConA
CA19.9-12 (Sp5.5)
VLEB.a-12 (Sp5.5)
PHA-E
Sp Serotype 1
SSA-1
Sp Serotype 5
PNA (Native)
hGal-1-488-ACA
Epa1-Np WT
CA19.9-1-488
CA19.9-3-426
CA19.9 Alt Lec
PhoSL (Lot)
Bauhinia
Microvirin
#14 Sialyl Lewis X (Calbio)
PhoSL
Epa1-Np mutant Y268A
#15 Sialyl Lewis A (Calbio)
rNV VLP
rNV VLP-gal3
hAAA-1-Lec
mouse Gal-1
BTL native
MAA (Seikagaku)
GNA (EY Lab)
ConA
MAA
AFO (NV)
TVL
WFL
SNA
MGL 6A (Lot 2316)
MGL 6B
ChMB
Monod CSGP
Monod AAL PRL
Mouse AAL PRL
MGL 6B
VVHA (Vector)
MGL-BA
CC1G-1007
Monod-BA
MGL-BA
VicA
RCAI (Vector)
WGA (Seikagaku, Bio)
DC-ASGPR sTCR
WGA multimer

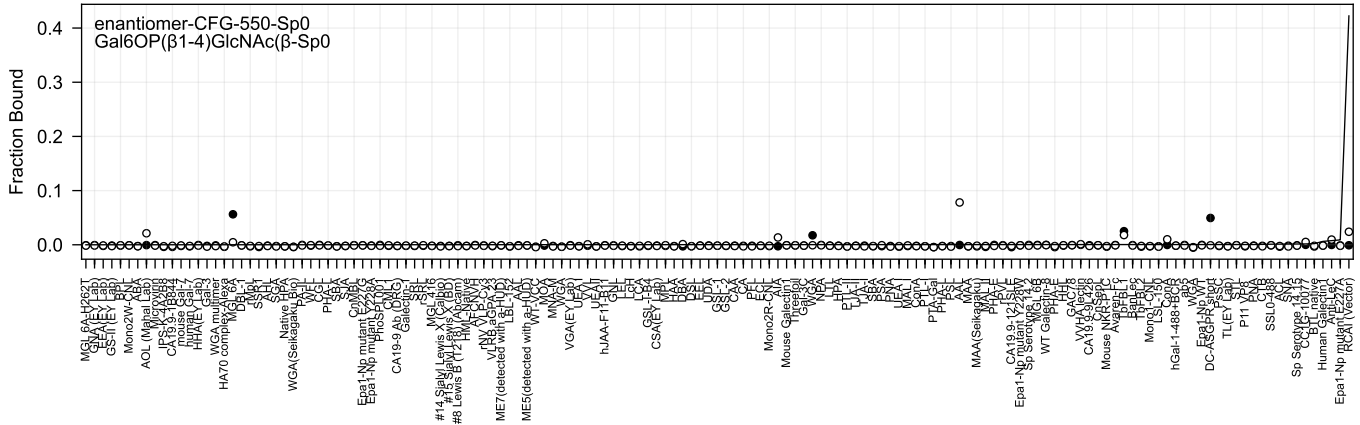

enantiomer-CFG-545-Sp8
GalNAc3OS(β1-4)GlcNAc3OS(-Sp8
Fraction Bound
0.0
0.1
0.2
0.3
SNA
Mono2W
SNA
ABA
AOL (Mahal.)
STL
CA19.9-1
PBA
CA19.9-2
PNA
mouse Sal-1
human Sal-1
GSL-I
VVHA
IgM
BpL
WGA
TBPBL-1
SJA
Native LPA
WGA(Seikagaku)
PAU
WT
UEA-I
MG-6A
GSL-II
SEA(EY Lab)
HHA(EY Lab)
Epa1-Np mutant Y228A
Epa1-Np mutant S229A
Phos-2
CrA
Sep1
SSL
SBL
hGal-1-488
Lewis X (Calbiochem)
#14 Sialyl Lewis X (Calbiochem)
#18 Sialyl Lewis A (Calbiochem)
ME-7(detected with anti-HOD)
ME5(detected with anti-HOD)
WT
WGA
MNA-M
VGA
VGA(EY Lab)
UEA
SBA
PHA-L
PHA-E
TL(EY Lab)
hJAA-F11-B11
CAA
FRL
DBA
EEL
GSL-I
GSL-2
OCA
CSA
CSA(EY Lab)
PT
PT VR8
Mono1
ZAA
Mouse NKR-P1C
Threefold
Mouse Galectin-1
KPL
MPL
WGA
Mono2R
VGA
GSL-IB4
LCA
MAA-I
PHA-L
PHA-E
PHA-E(Sal)
PTA
MAA
PNA
MAA
RCA(EY Lab)
RCAI (Vector)
RPA
PNA
PSA
LTA
ECL
Epa1-Np
Epa1-Np mutant E227A
CC1G-10007
CC1G-10007
SSA
SSA1
ABG
AFG
Sp Serotype 1-1
MGL-2/16
Epa1-Np mutant E227A
ZAL
HA70 cowpox virus
CA19.9 Ab (OncG)
WT Epa1-Np
BTA (Native)
GAL
Mouse ConA
rNV LPBCS
MGL 6/7 Ab
LSL-150
Sp Serotype 14
Sp Serotype 1-1
HML-Native
CA19.9-Ab 125
DC-ASGPR-Fc
SJCE
LAA-1
Mouse P-selectin
MAA(Seikagaku)
Galectin-1
Galectin-7
SSLL-488
Human Galectin1
VLRB.aGPA
AHL

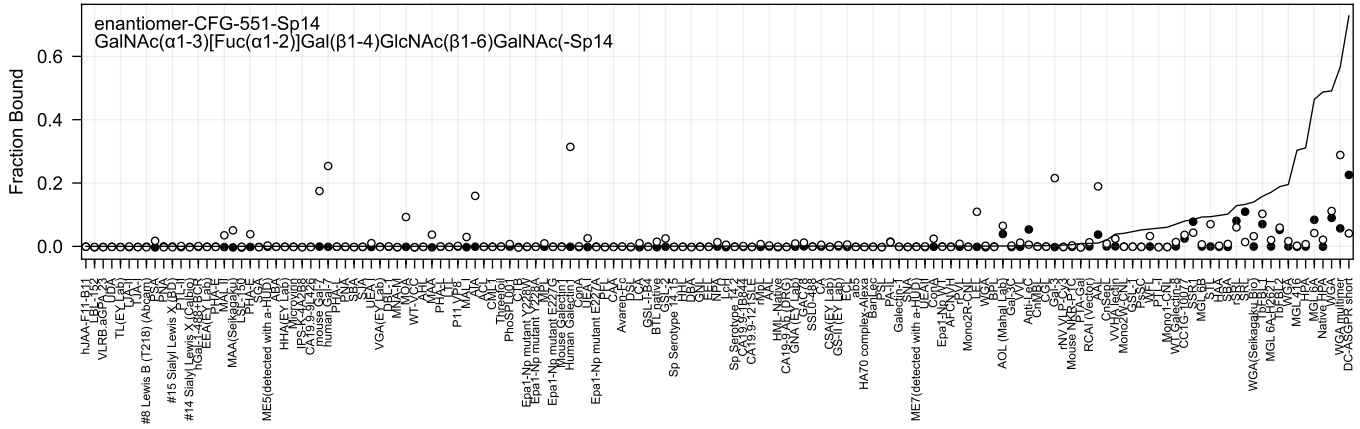

enantiomer-CFG-546-Sp8
GalNAc(β1-4)GlcNAc6OS(-Sp8
Fraction Bound
0.0
0.2
0.4
0.6
0.8
SNA
SSA
AIA
ACL
Native-PHA
#14 Sialyl Lewis X (CFG-
hGal-1-488 (Pro-C)
rNV VLP
TL(EY Lab)
PNA
BPL
PSL-I
PTL-II
RTA
GS-II (EY Lab)
DSL
VLRB-PHA-E
ME7(detected with anti-PD2)
BPL
GNA (EY Lab)
PHA-L
Mucin
IPS-1-12-488
CA19.9-12-488
BNA
CA19.9-1-488
VGA(EY Lab)
MGA
Bauhinia
ME5(detected with anti-PD2)
AAL
SJA-I
HA70 complex
VFA
PHA-E
PHA-L
ConA
MAA(Seikagaku)
Human Galectin-1
CIA
PCL
P11
GNL
Mouse Galectin-1
AAA
Epa1-Np mutant Y228W
Tim-3-Fc
WFL
WT Galectin-8
Epa1-Np mutant Y228A
Epa1-Np mutant E227A
KTA
SJA
Galectin-7
GSL-I-B4
MAL
Epa1-Np WT
DEA
CGA
ConA
Avenin-Fc
FRA
GSL-I
CA19.9 Ab (Dr.Ito)
Epa1-Np mutant E227Q
Epa1-Np Serotype 1
HMC-Native
#15 Sialyl Lewis X-PAA
TDA
ACG
GAC
EEA(EY Lab)
TxB-B1
TxB-B1
Phos
hJAA-P11-B11
ACA
#8 Lewis B (T218) (Abcam)
AOL (Matsu Lab)
APC
WGA
HHA(EY Lab)
CA19.9-a-488
BTL
Anti-Lec-1
HPA
RCA(Vector)
SBA
DBA
human Gal-7
Mono2R-CNL
VGA
MGL 6A-12-488
Concanavalin A
Mouse NKR-P1B
CmPA
Mouse Ly-49C
VVHA
PAP
MGL-418
CSL
Mono1-CNL
EAC
mouse Galectin-7
CC1G-10077
MGL-EAC
SJL
SJA
SVA
WGA(Seikagaku,bio)
SJA
VVA
DC-ASGPR s/pos
WFL
WGA multimer

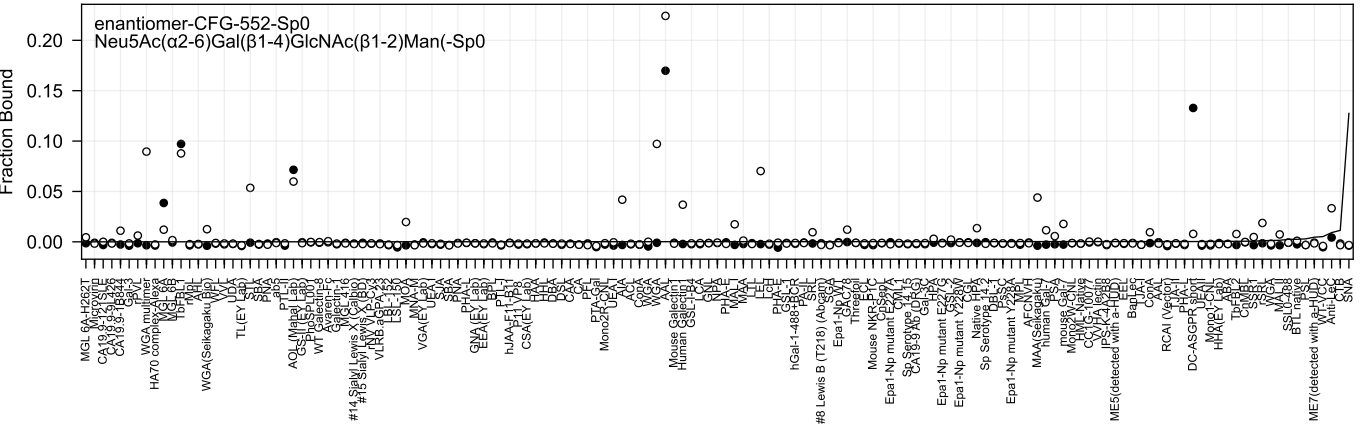

enantiomer-CFG-547-Sp8
GalNAc3OS(β1-4)GlcNAc(-Sp8
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
SNA
Sn(I)
GNA (EY Labs)
GSII (EY Labs)
BPL
Mono2W-CNL
AOL
AOL (Alpha L-Fuc)
CA19-9 (Sialyl Le a)
CA19-9 (Le a)
CA19-9 (Le a)
HA70 complex (Dec 4
CC1(Lot 0007
Tn
Mal
SSL1
SSA
ACA
Native
PNA
WFL
WFA
UEAII
pHA
TL(EY Labs)
PHA
PWM
ConA
Epa1-Np mutant Y229A
Epa1-Np mutant Y229F
PhoSL(Lot 1
CA19-9 Ac(Sigma)
SRL
Sp Serotype 1 4,5
Sp Serotype 14,2
BTL
Galectin-8
MGL-418
#15 Sialyl Lewis X (BID)
#15 Sialyl Lewis X (Calbio)
ME7(detected with anti-Lub)
LBL-A2E
ME5(detected with anti-Lub)
WT
MOA
VGA(EY Labs)
UEA1
SPA
MGL 6A-H251
GSL-I B4
CSA(EY Labs)
HPA
HAA
DBA
SBL
SBI
CJA1
GSL-I A4
CAA
LCA
PSA
P11-VCB
Mono2R-VCB
Mono1-CNL
ACG
VVA
Mouse Galectin1
Human Galectin1
GRA
UDA
PEA
hJAA-F11-LBT
PHL
PHA-E
PHA-L
PHA-P
PHA-E
PHA-L
PHA-P
PHA-E
RCA(Vector Labs)
MAL II
SNA
SBA
NPA
PNA
Epa1-Np mutant E229A
Epa1-Np mutant E229F
#14 Sialyl Lewis X (Calbio)
Microvirin
WT Galectin-8
#8 Lewis B (T218) (Abcam)
MPL
LSL
AAL-Lec
HHA(EY Labs)
Epa1-Np WT
CBP
Gal-3
VVHA
hGal-1-488-BCR
VLRB-AgBA 2.5
Galectin-1
GNL
CTB
MGL-B8
SSA(EY Labs)
DC-ASGPR s(9)4
AFO
NXA
Mouse NKR-P1A
PDA
SSL
VSL
WGA(Seikagaku, Lot
Human NAL1
MAL1
Mouse Gal-7
MAA(Seikagaku)
WGA
SLL
ST
WGA multimer

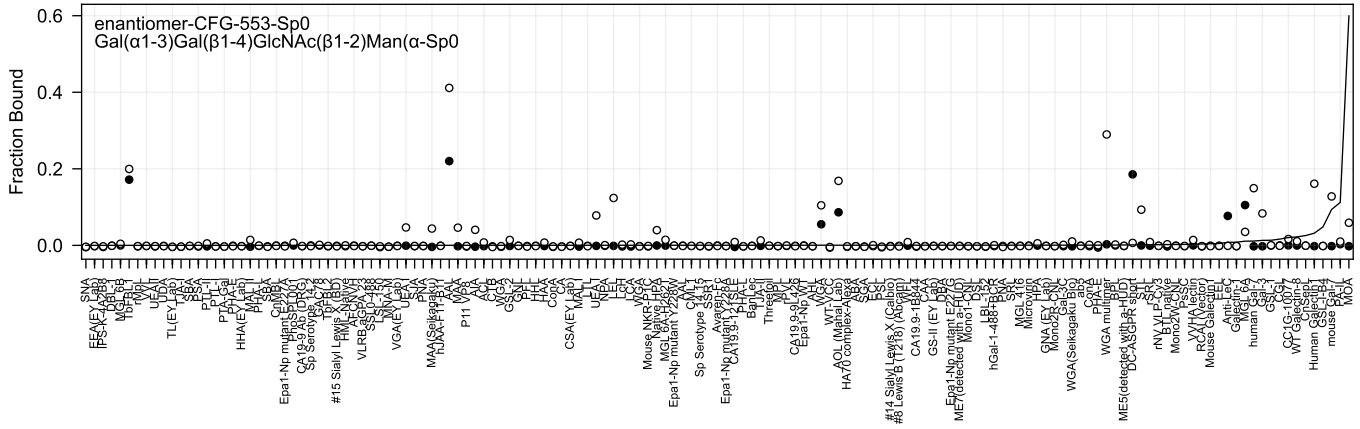

enantiomer-CFG-548-Sp10
GalNAc4OS(β-Sp10
Fraction Bound
0.00
0.05
0.10
hJAA-F11-B11
Bap-Lec
SRL
Galectin-1
HA70 complex
Alexa
MGL-6A
MGL-6B
CC1G-1
NVJ
CAPL
SGA
WGA
WGA(Seikagaku)
PNA
WF
UEA-I
UDA
TL(EY Lab)
TL(Vector)
VLRB.aGPA.23
CRP
human Gal-3
rNV(Vector)
LS-C23
HMV-Native
WT
MOA
MVAC
VGA
VGA(EY Lab)
UEA
SBA
SNA
mouse SNA
LEA(EY Lab)
GS-II(EY Lab)
GS-II(Vector)
Mono2W-CRL
AOL (Mahal Lab)
hGal-1-Fc
hGal-1-Fc(Sigma)
IPS-1
PAA
SNA
PSL-1
GSL-I
GSL-II
Epa1-Np mutant Y228A
Mono2R-CRL
Mono1-CRL
Epa1-Np mutant E227A
Mouse NKR-P1C
Epa1-Np WT
WGA
MPL
Mouse Galectin-1
Human Galectin-1
CPA
CPA1
CPB
CTB
GSL
PPA
PPL
CML-1
PSL
RIA-A
RIA-T
MAA(Seikagaku)
MAA
NTL
NCA
ME7(detected with a-HEL)
HEL
HPA
TJA-I
CSA(EY Lab)
GSL-I-CA
SBA
PHA-E
PHA-L
Epa1-Np mutant Y228A
Sp Serotype 19F
#15 Sialyl Lewis X(Sigma)
WT Galectin-8
CA19 9-1(BioCS)
MGL-6A-Fc
#8 Lewis B (T218) (Ab-Frontier)
Sp Serotype 14
LSL-150
Epa1-Np mutant E227A
CA19 9 (Abcam)
MGL-6B-Fc
CA19 9-1 (Lab)
GNA(EY Lab)
NVHA (Lab)
#14 Sialyl Lewis X (Calbiochem)
CA19 9-1(Sigma)
pTT Y28
RCA
RCA (Vector)
LBS-SR
Microcystin
ME5(detected with a-HEL)
WGA(Vector)
Avidin-Fc
PNA
AIA
BTL native
Bap-Lec
DC-ASGPR
SSL-1
SSL-2
SNA

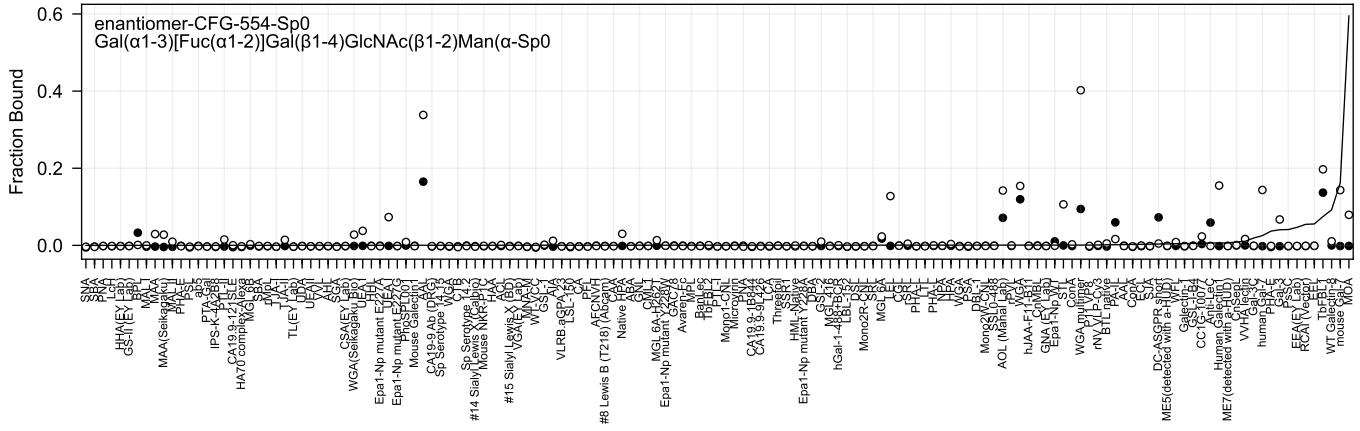

enantiomer-CFG-549-Sp0
Gal(β1-4)GlcNAc6OP(β-Sp0
Fraction Bound
0.3
0.2
0.1
0.0
SNA
CA19-9-12
SNA
HA70 complex
Alexa
WFA
UEA-1
SSA
AAL
IPS-K-4-268
UEAI
SBA
ENA
PTA
PTL-I
PTA-Gal
PNA
PSL
EEA(EY Lab)
Epa1-Np mutant Y2
Con A
Pro3-CN1
WT Galectin-4
NGF-818
Mono2W-CN1
#8 Lewis B (T218) (Abcam)
MOA
MVGA
SNA
SNA
HHA(EY Lab)
GNA
ME5(detected with a-LCD)
MGL 6A-HRP
p11-VEGF
DSL
DBA
DBA
GSL-I
Mouse Galectin-1
KAL
HPA
HPA
Human Galectin-1
Con A
CSA(EY Lab)
WGA
GSL-CHB
LCA
Mono2R-CN1
NEA
MAL
MAA
GNL
Mouse NKR-P1C
Avarol-SC
Epa1-Np WT
human Gal-2
VLRB-GFP
HMA-Alexa
SBA
CA19-9 Ab (DRG)
Mono1-CN1
Thrombin
UEA-1
AFO
Epa1-Np mutant E3
Sp Serotype 14.15
Sp Serotype 14.15
CA19-9-HRP
Epa1-Np mutant Y2-SA
Sp Serotype 14.2
#15 Sialyl Lewis X (BD)
#14 Sialyl Lewis X (Calbiochem)
CA19-9-HRP
Native HPA
Benzoic
WGA-GB
TJA-I
PA-I
Con A
mouse P-HRP
rNV VLP-CY5
Gal-3C
AOL (MAF Lab)
LBL-152
Microcystin
Epa1-Np mutant
human Gal-2-SA
WGA(EY Lab)
DCA(Calbiochem Bio)
ABA
Galectin-1
PBL-I
PBL-II
WGA multimer
ME7(detected with anti-CSPG)
SSL-I
SSLL-008
CCTC-1007
Amphi
ECA
VVHA
Ricin
LEL
WGA
RCAI (Vector)

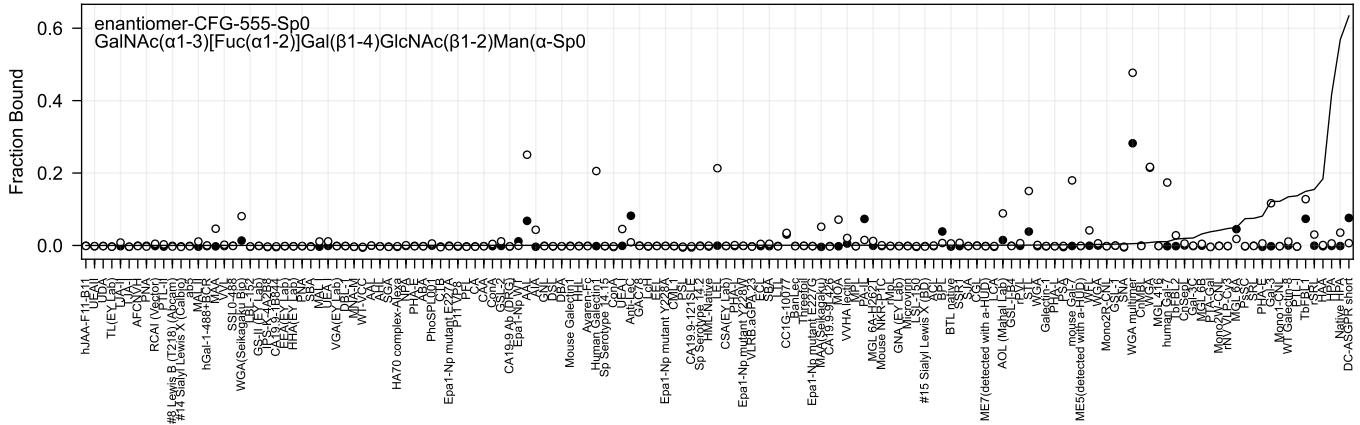

enantiomer-CFG-550-Sp0
Gal6OP(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.4
0.3
0.2
0.1
0.0
MGL6A(H266T)
GNA(EY Lab)
GSII(EY Lab)
BPL
Mono2W-Xbx
AOL (Mahal Lab)
JFS-W24(2)
CA19-9-PB44
mouse Gal-7
human Gal-7
HHA(EY Lab)
WGA multimer
HA70 compound
MGL-6X
DBL-1
SSBP1
SGA
SGL
Native HPA
WGA(Seikagaku)
PNA
VVL
WGI
PTA
TJA-I
SBA
CSA
Epa1-Np mutant Y226A
Epa1-Np mutant Y226S
ProSD(MOI)
CA19-9 Ab (OncG)
Galectin-8
SBL
SNL
#14 Sialyl Lewis x (Calbiochem)
#8 Lewis B (Y1-8) (Accalum)
HM-RAVG
SYL
VVL-B2-X3
VVL-B2-X4
ME7(detected with anti-OD)
LBL-1
ME5(detected with anti-OD)
WT-WOX
MNA-WOX
MNA-M
VGA(EY Lab)
UEA-I
UEA-II
hJAA-f-1
EAI
LEL
LCA
CSA(EY Lab)
MPL
PHA-E
PHA-L
DSL
UDA
GSII-1
CAA
PCL
Mono2R-Xbx
ACA
Mouse Galectin-1
Galectin-3C
NEA
HPA
PTL-I
UVA-I
UVA-II
SBA
PNA
MAL
ECA
PTA
PHA-E
PHA-L
AAL
AAA
MAA(Seikagaku)
MAL-I
MAL-II
PWM
CA19.9_1223AF
Epa1-Np mutant Y226A
Sp Serotype 12
WT Galectin-8
PHA-E
GAC78
VVA(Lectin)
CA19-9-Ab(38)
CA19-9-Ab(38)
Mouse NRASspc
Avidin
BPL-Fc
TcFBL-1
TcFBL-2
Mono2L-Xbx
hGal-1-488-Sp0B
Ab3
WGA
Epa1-Np
DC-ASGPR-s.port
TL(EY Lab)
YBT
P11
PNA
SSLO-488
AOL
Sp Seqotype 14/19
CGB-10(UV)
Human Galectin-1
Epa1-Np mutant E225A
RCA(I (Vector)

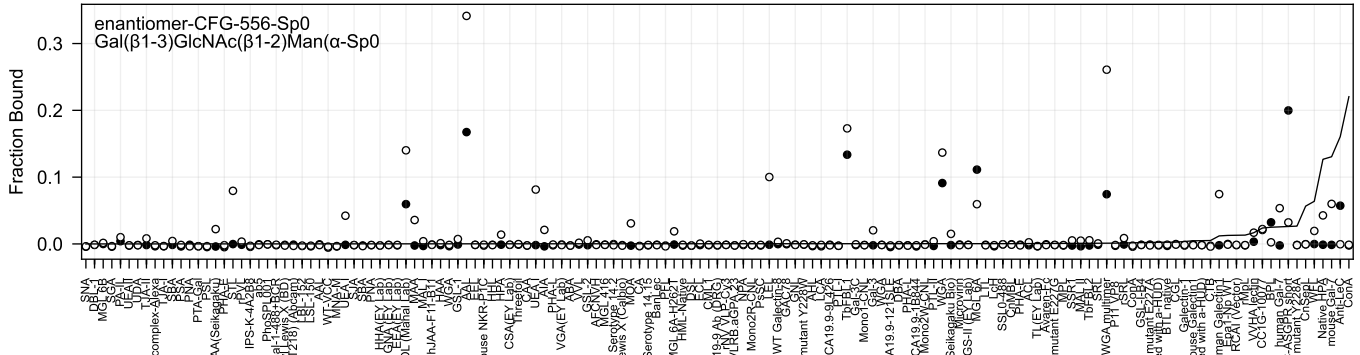

enantiomer-CFG-551-Sp14
GalNAc(α1-3)[Fuc(α1-2)]Gal(β1-4)GlcNAc(β1-6)GalNAc(-Sp14
Fraction Bound
0.0
0.2
0.4
0.6
hJAA-F11 B11
LBL 2
VLRB.aGP.G23
TL(EY Lab)
UJA 1
UJA 2
#8 Lewis B (T218) (Abcam)
BNA
#15 Sialyl Lewis X (BD)
#14 Sialyl Lewis X (Calbiochem)
hGAL8 (Tebbo)
LEA (EY Lab)
HJA-1
HJA-2
MAA(Seikagaku)
Lectin-1
SFA-1
SGA
ABA
ME5(detected with a-HUD)
HHA(EY Lab)
IPS-1(4A288)
CA19.9-2.42
CA19.9-1.116
human Gal-7
PNA
SBA
UEA1
VGA(EY Lab)
MAL
MAL-II
WT-VCG
AAL
ACL
PHA-L
P11.V.P8
MAL
ACL
Galectin1
Thy1(Cell)
PhoSP1(Lab)
Epa1-Np mutant Y228V
Epa1-Np mutant Y228A
Epa1-Np mutant E227G
Epa1-Np mutant E227A
Human Galectin1
GRP
Epa1-Np mutant E227A
CAA
CAA
Avarep-Fec
DCA
GSL-I-B4
BT GSL-I
GSL-I-A4
Sp Serotype 1-15
DBA
GSL-II
NPA
Sp Serotype 1-22
Sp Serotype 1-4
CA19.9-1.2 (Fitzgerald)
AAL
HPA
HML-Native (Lab)
CA19.9(Lab)
GNA(EY Lab)
GAL-8
SSL2-C3
CA
GSA(EY Lab)
GS-IV(EY Lab)
ECL
HA70 complex-Alexa
Barley-Lec
PAL
Galectin-1
ME7(detected with a-HUD)
CCA
Epa1-Np WT
Epa1-Np WT
AIA
PWM
Mono2R-Cell
WGA
VSA
AOL (Mahal Lab)
Gal-7
Anti-Lec
CNL
OGL
Gal-3
rNV VP1
Mouse NRP-P1C
RCA(Vector Lab)
AAL
Cnl-Lec
VVA
Pectin
Mono2R-Cell
PSA
PSA-NT
PSC
PTL-I
PTL-II
Mono1-Cell
WFA(Vector Lab)
CCL2-Tumor
MSA
MSSA
STL
SNA
SBA
SBL
SJA
WGA(Seikagaku Bio)
MGL 6A
PDB27
TBP-1
MGL 4A
MGL 4B
HPA
MGL 1
Native HPA
WGA
WGA human
DC-ASGPR short

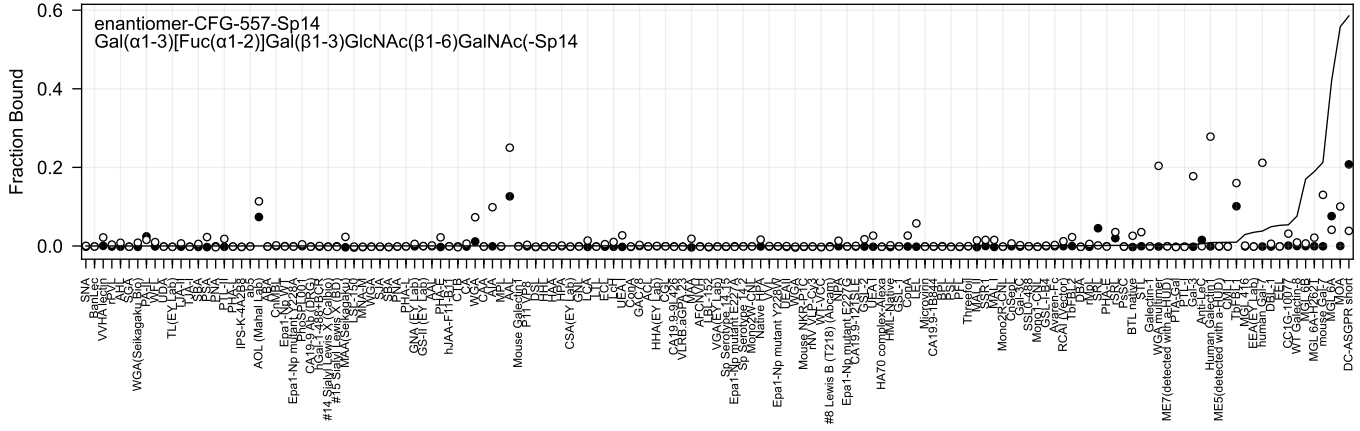

enantiomer-CFG-552-Sp0
Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-2)Man(-Sp0
Fraction Bound
0.20
0.15
0.10
0.05
0.00
MGL 6A H267T
Macrozamin
CA19.9 32 SLE
CA19.9 1-2844
CA19.9 1-9844
Galectin-7
WGA mutmer
HA70 complex
VGL 6A
VGL 6B
Tomato
mAb1
WGA(Seikagaku)
Ach
WFL
UDA
TL(EY Lab)
SBA
PNA
ABA
PTL-I
AOL (Maev Lab)
GS-I (Maev Lab)
WT Galectin-1
Avaren-Fc
WGA 4c6
#14 Sialyl Lewis x (Calbio)
#13 Sialyl Lewis x (Calbio)
NPVLB-CS2
vLRB alpha-1-63
LSL-1-B5
MVA-N
VGA(EY Lab)
SJA
SNA
EPA
GNA (EY Lab)
EEA(EY Lab)
PTL-II
hJAA-F11-B1
CSA(EY Lab)
HPA
DBA
CGA
PCA
PTA
PTA-Gal
MonoZ-DEAE
AIA
CGA
WGA
WGA
AAL
Mouse Galectin1
Human Galectin1
GSL-I-B4
GNL
NPL
PhA
KAL1
MAL
LEL
LEL
PHA-E
PHA-L
hGal-1-489-BC-I
PSL
#8 Lewis B (T218) (Abcam)
SGA
Epa1-GAC
GAC
Thregbol
Mouse NKR-P1c
Epa1-Np mutant E227A
Epa1-Np mutant E227G
CA19.9 A6 (DRG)
Sp Serotype 1 (1-1)
Epa1-Np mutant E227G
Epa1-Np mutant Y228W
Native HPA
Sp Serotype 1-1-2
Epa1-Np mutant Y228A
AFCNV1
MAA(Seikagaku)
mouse Galectin-4
mouse Galectin-3
Mouse Galectin-8
CAVM-Nanovir
CAVM-Lectin
PCVA(Lectin)
ME5(detected with a-HUDD)
Bauhinia
Bauhinia
UJA-I
CAA
CAA
RCAI (Vector)
PHA-L
DC-ASGPR (abcam)
Mouse-CNL
HHA(EY Lab)
ABA
DolBP
DolBP
SSA
SSBI
GSA
MAbJ
SSL-1
BTL (native)
ME7(detected with a-HUDD)
WT-VCL
WT-VCL
Ami-CBB
SNA

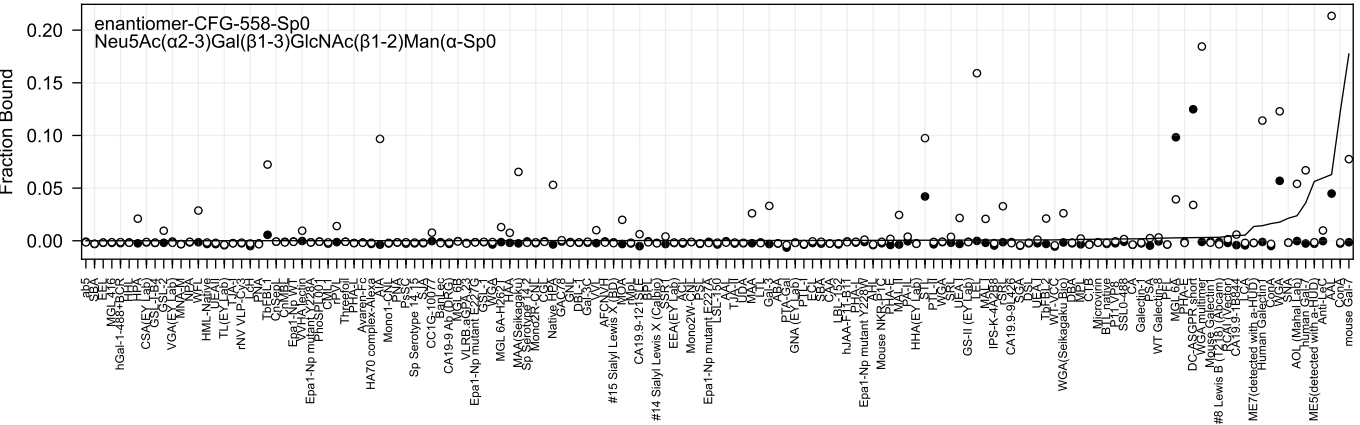

enantiomer-CFG-553-Sp0
Gal(α1-3)Gal(β1-4)GlcNAc(β1-2)Man(α-Sp0
Fraction Bound
0.6
0.4
0.2
0.0
SNA
EEA(EY Lab)
IPS-K-Lab8
MGL-64
Tbp-1
ULA
WVA
UDA
TL(EY Lab)
SBA
PTA
PTL-I
PTL-II
PNA
HHA(EY Lab)
PHA-E
PHA-L
ConBr
Epa1-Np mutant E227A
Epa1-Np mutant Y226W
CA19-9 Ab (DRG)
Sp Serotype 14
TDFBL-0
#15 Sialyl Lewis X (Calbio)
HWT-7 Sialyl
VLRB-AGN-V1
SSL7-188
LSL-N
VGA(EY Lab)
UEA
RCA
MAA(Seikagaku)
RJA-P1-B11
MAL
VFA
P11
ACA
VCA
GSL-I-B4
BPL
HPA
HLA
CoPA
CSA(EY Lab)
MAL-I
UEA-I
NEA
LCA
PSA
WGA
Mouse NKR-P1A
Mouse NKR-P1C
MGL 64-1267
Epa1-Np mutant Y226W
CML-1
Sp Serotype SSL7
Avenin-2
Epa1-Np mutant E227A
CA19.9-1-FITC
Bap-Fc
Jacl
Thrombin
WFL
CA19.9-IgG
Epa1-Np WT
WGA
WTA
AOL (Mal-I Lab)
HA70 complex-Aleg4
SBA
ECA
ECL
#14 Sialyl Lewis X (Calbio)
#8 Lewis B (T218) (Abcam)
CA19.9-TB844
CA19.9-IgG
GS-II (EY Lab)
DSA
Epa1-Np mutant E227A
ME7(detected with a-FLD)
Monoclonal CSL
hGal-1-488
LBL-32
BMA
STA
MGL
Microvirin
GNA (EY Lab)
Mono28-CNL
WGA(Seikagaku Biol)
aas
CTB
PHA-E
WGA multi
Bpsl
ME5(detected with a-HLD)
DC-SIGNR-HLD
SAT
rNV-VLP
BTA
Monoclonal
PsSL
RCA(TA lectin)
Mouse Galectin-1
Mouse Galectin-7
Ant-Fec
Galectin-1
Galectin-7
human Gal-1
GSL-1
Gal-3
CC16-1-IgG1
WT Galectin-8
Human Galectin-8
GSC1-B4
mouse Bpl
PAT
MOA

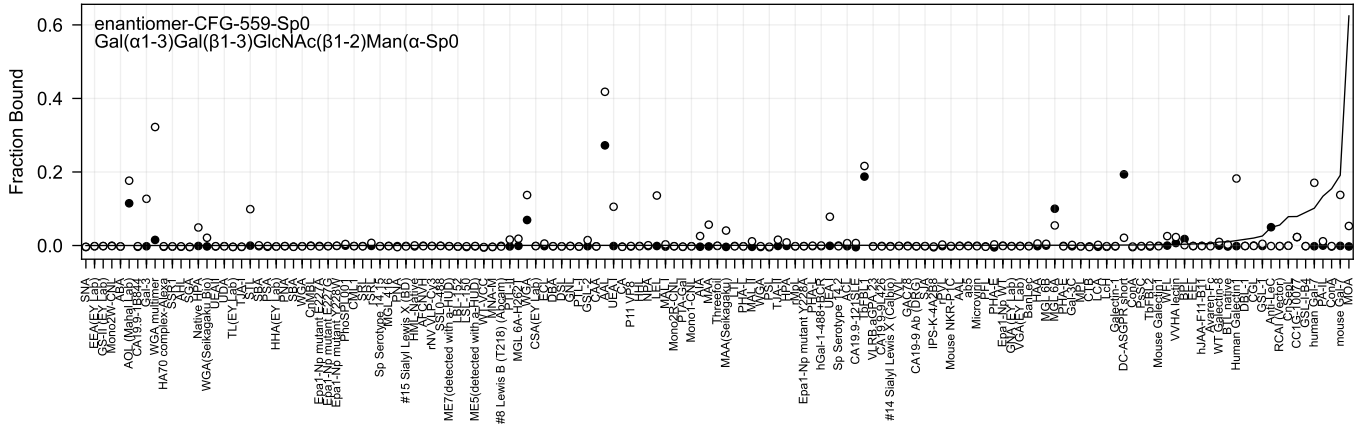

enantiomer-CFG-554-Sp0
Gal(α1-3)[Fuc(α1-2)]Gal(β1-4)GlcNAc(β1-2)Man(α-Sp0
Fraction Bound
0.6
0.4
0.2
0.0
SNA
SBA
PNA
DBA
DHA(EY Lab)
GS-II (EY Lab)
MAA(Seikagaku)
MAL I
MAL II
PHA-E
PSL
PTA
IPS-K-12-CBB
CA19.9-12-TSLE
HA70 complex
WGA
SSA
TJA-I
TJA-II
TL(EY Lab)
UDA
UEA-I
ACL
AIA
CSA(EY Lab)
WGA(Seikagaku)
Epa1-Np mutant E225A
Epa1-Np mutant E225Q
Mouse Galectin-1
CA19-9 Ab (OPEG)
Sp Serotype 14.2
Sp Serotype 14.2 (Lewis)
#14 Sialyl Lewis X
Mouse NKR-P1C
HCA
#15 Sialyl Lewis X (BD)
VGA(Lab)
MAA(EY)
WGA(EY)
VLRB-gGT-150
AIA
VLRB-gGT-150
PCA
AFCNVH
#8 Lewis B (T218) (Abcam)
Native HPA
HPA
GNL
DSL
Epa1-Np mutant Y228W
Avarol
Avarol-F6
IMP
BetaP-C2
BetaP-C1
Mopo1-CN1
Microvirin
CA19.9-E844
CA19.9-SL426
Thrombin
HML-NSM
Epa1-Np mutant Y228A
GSL-I
hGal-1-4NP-F18
LBL-I-B2
Monoz2R-CN1
SBA
SBA
MGL
LEL
SSL
SSL
PHA-L
PHA-E
NPA
WGA
WGA
DBA
Mono3(WT)
Mono3(CN1)
AOL (Mahal Lab)
WGA
WGA
hJAA-F11-B17
GNA (EY Lab)
Epa1-Np STT
ConA
WGA
ArtH(VTB)
rNV-XLP-Cy3
BTL
PAA-II
ACA
ACA
ECA
SJA
DC-ASGPR sinO
ME5(detected with a-hUD)
Galectin-1
CC-Galectin-4
Human Arin-LeC
ME7(detected with a-hUD)
Galectin-3
VVA
human Galectin-8
Gal-3C
Gal-1
Gal-3
Gal-2
EEA(EY Lab)
RCA(Vector)
Tbp-BL1
WT Galectin-1
mouse Galectin-1
MOA

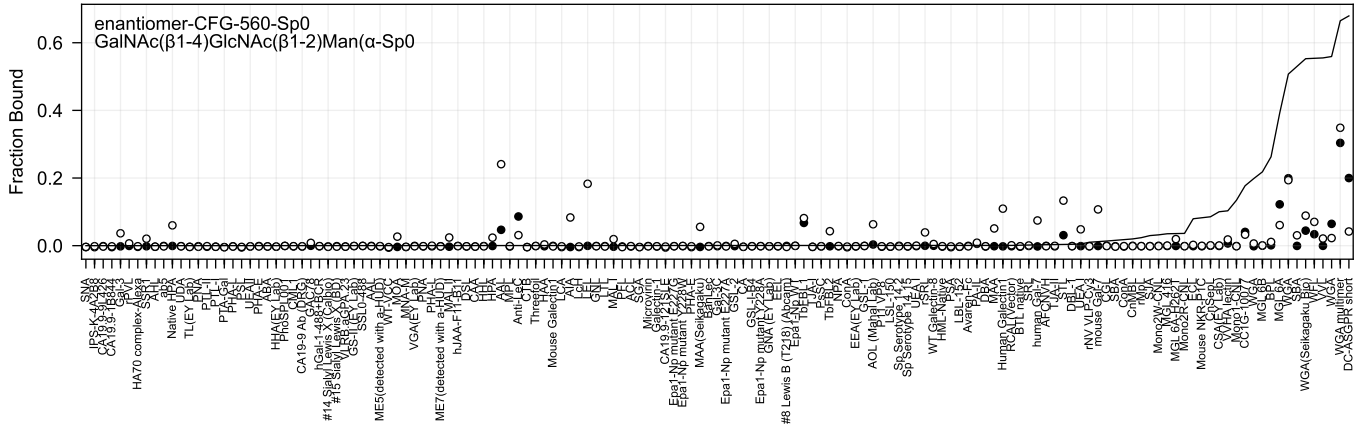

enantiomer-CFG-555-Sp0
GalNAc(α1-3)[Fuc(α1-2)]Gal(β1-4)GlcNAc(β1-2)Man(α-Sp0
Fraction Bound
0.6
0.4
0.2
0.0
hJAA-F
UEA1
UDA
TL(EY Lab)
LCA
AFO
VVL
PNA
RCAI (Vector)
#3 Lewis B (T218) (Adam)
#14 Sialyl Lewis X (Adam)
ABA
hGal-1-488
MAH
MAA
SSL-1-488
WGA(Seikagaku 192)
GSII (EY Lab)
CA19.9 (1B64)
HPA(EY Lab)
PNA
MPA
UEA1
VGA(EY Lab)
WFA
MNA-M
AOL
SGA
HA70 complex-Alexa
PHA-E
PHA-L
PhoSL (EY Lab)
Epa1-Np mutant E172A
CTB
PCL
CAA
GSII-2
CA19.9 Ab (Dr. Kim)
Epa1-Np
AAL
GNA
DSA
DSL
Mouse Galectin-1
HHL
Avarrhemic
Human Galectin-1
Sp Serotype 14-5
OEA1
ANA
GNL
Epa1
Epa1-Np mutant Y228A
OSA
CA19.9-121 SLE
Sp SHM Native
CSA(EY Lab)
LEL
PHA-E
Epa1-Np mutant Q229A
VVL (Vector)
Epa1-Np mutant Q229A
EEA
SJA
CC1G-1101 Lectin
Galectin-7
Epa1-Np mutant T228G
Tassegol
MAA(Seikagaku)
CA19.9 Mab
VVHA
Iroqin
PAL
MGL 6A-1287C
Mouse NK-1287C
Mgo
GNA (EY Lab)
#15 Sialyl Lewis X (Adam)
BPL
BTL
BTL SSB1
SNA
SSA
ME7(detected with a-HUD)
GSL-B4
AOL (Mahal Lab)
STL
WGA
Galectin-4
PHA-L
mouse Galectin-3
ME5(detected with a-HUD)
Mono2R
VGA
GSL-I
SNA
WGA mutant
CNWBP
MGL 416
human Gal-1
CaSep
Gal-3B
PNA
Mono2R-Cy3
MGL-SR
SRL
PTA-L
Mono1-ONL
WT Galectin-1
TbFBP
RCA
TIA
Native
HPA
DC-ASGPR short

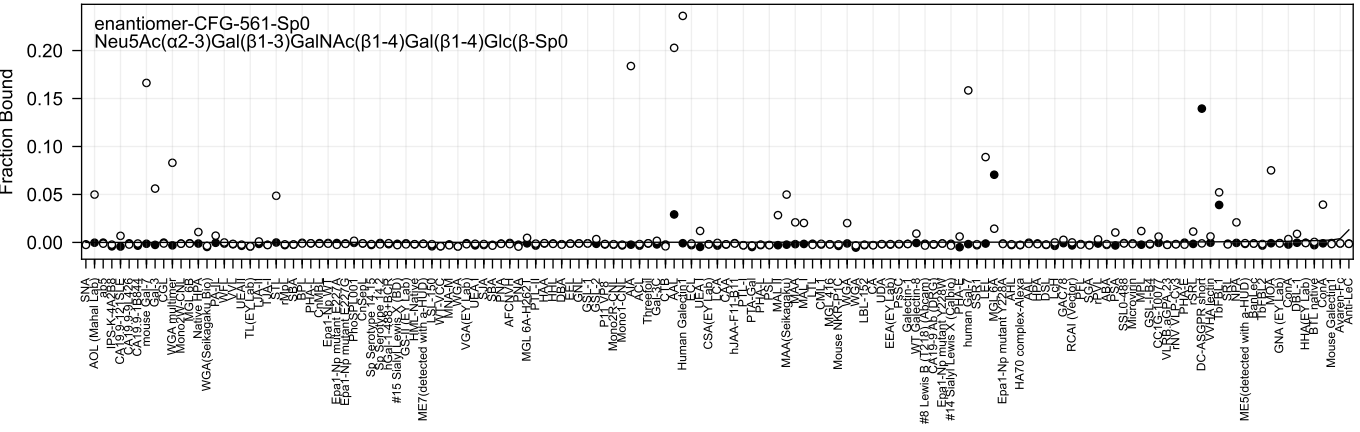

enantiomer-CFG-556-Sp0
Gal(β1-3)GlcNAc(β1-2)Man(α-Sp0
Fraction Bound
0.0
0.1
0.2
0.3
SNA
DSL
MGL-1C
PA-IL
UEA-I
LTA
LCA
VVA
HA70 complex-Alpha1
SBA
PNA
PTA
SBA
MAA(Seikagaku)
PWM
SJT
IPS-K-A2C6
IPS-K-A2C6
#15 Sialyl Lewis X (TBD)
#8 Lewis B (72.16)
Lac-152
LSL-A50
WFA
WT-VCA
MOE-A1
DBA
SAA
PNA
HHA(EY Lab)
GNA(EY Lab)
ETA(EY Lab)
AOL(Matsu Lab)
MAA
MAL
hJAA-F1
HJAA
SSA-A
GSL-I
AAL
Mouse NKR-P1C
HPA
HPL
CSA(EY Lab)
Thrombin
UEA-I
PHA-L
ABA
SVA
VGA(EY Lab)
GRN-V1
AFGNV2
VGL-415
Sp Serotype 14-15
#14 Sialyl Lewis X (Calbio)
Mcoy
Sp Serotype 14-15
Bacillus
PEP
MGL-6A-Kanzai
HIL-Kanzai
DSL
CA19.9 (Ab DRG)
CA19.9 (Ab DRG)
vLRB aGP-23
Mono2R-CNK
PSL
WT Galectin-8
GAL-8
Epa1-Np mutant Y228W
TCA
CA19.9-9-426
TcFBP-1
TcFBP-1
Mono3-CNK
Galectin-3
GAL-3
CA19.9-12-1
SLE
DBA
CA19.9-1B044
Mono2-CNK
CA19.9-1B044
WGA(Seikagaku)
VGA
Mucorvirin
GS-II (Vector)
WGA (Vector)
LTL
SSL-L138
CAPAE
TL
TL(EY Lab)
Epa1-Np mutant E226F
Epa1-Np mutant E226F
SSA-1
SSA-1
TbBP-1
SRL
PTI-VIB8
SRL
CGL-1
GSL-I-B4
Epa1-Np mutant E226D
ME3(detected with EHD3)
BTL native
Galectin-1
Mouse Galectin-1
ME7(detected with EHD1)
CTB
CTB
Human Galectin-1
RCA1 (Vector)
CCTG-1B07
CVHA (Ab)
CCTG-1B07
NKR-P1A
DC-SIGN Gal-7
Epa1-Np mutant Y228K
Chicken Galectin-1
Native HPA
mouse Galectin-1
Xenopus Galectin-1
ConA

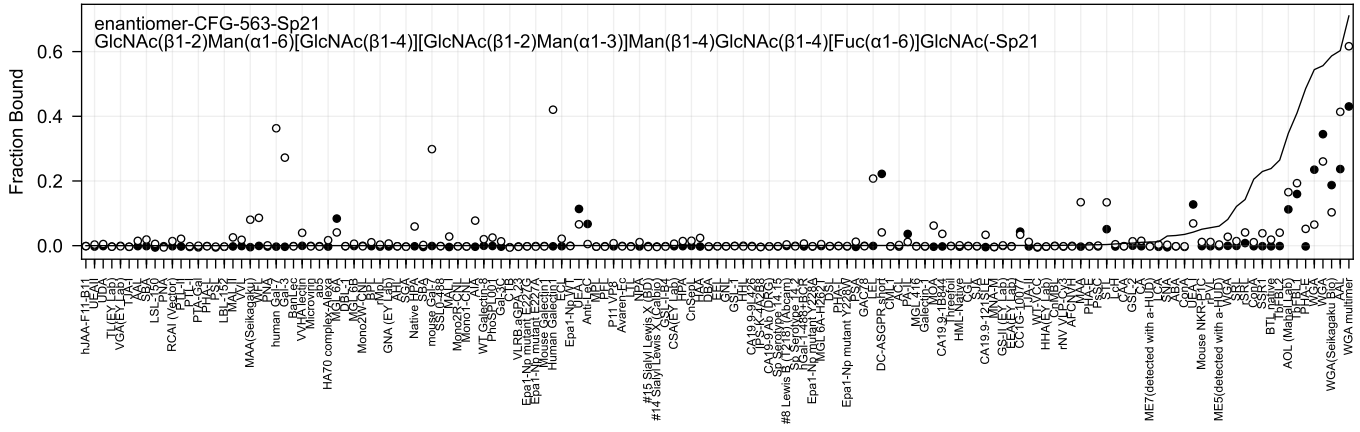

enantiomer-CFG-557-Sp14
Gal(α1-3)[Fuc(α1-2)]Gal(β1-3)GlcNAc(β1-6)GalNAc(-Sp14
Fraction Bound
0.6
0.4
0.2
0.0
SNA
Bauhinia
VVHA(Lectin
AAL
ACA
WGA(Seikagaku)
PAL
UDA
TL(EY Lab)
VIA
SBA
BPA
PNA
PTA
PTL-I
IPS-K-4A
ABS
AOL (Mahal Lab)
CnBP
MBL
Epa1-Np mutant
Epa1-Np mutant
Epa1-Np mutant
CGB-1 48-BHB
CGB-1 48-BHB
#14 Sialyl Lewis X (Calbio)
#15 Sialyl Lewis X (Calbio)
RCA(Seikagaku)
LSL-51
WGA
SBA
PNA
PTA
PTL-I
GNA (EY Lab)
GS-II (EY Lab)
ABS
PTA-E
PTA-F
hJAA-F1
CTB
WGA
CXA
CAA
MPA
AAL
Mouse Galectin-8
PTA
PTL-I
LEL
TJA-I
TJA-II
CSA(EY Lab)
SNL
LCA
LTA
ECA
UEA
UEA-I
GNL
GSL-I
HHA(EY Lab)
ACG
CSL
CA19-9-BSA
CA19-9-BSA
VEA
AFG
AOA
LBT-152
VGA(EY Lab)
Sp Sialylated
Epa1-Np mutant
Sp mutant-227A
Sp mutant-227A
Neo-WR CNL
Native HPA
Epa1-Np mutant Y226W
VEA
VGA
Mouse NKR-P1C
INV
WT-VGA
#8 Lewis B (T218) (Abcam)
Epa1-Np mutant-F227G
CA19-9-TSSL-5
VEA-I
HA70 complex
PMC-native
GSL-I
LEL
Mouse
CA19-9-TBBM
BPL
PSL
PHA-E
Thyroglo
Mono2R-CNL
CSA
SSA
SSL-28
Mono2R-CNL
Galectin-1
RCA(Vector Lab)
Avidin-Fc
10-FBP-2
DBA
SPA
PHA-L
PSSL
PSSC
BTL
Galectin-7
STL
Galectin-1
WGA(Galectin-1)
ME7(detected with a-LUD)
PTA-E
PTA-F
Galectin-3
Galectin-3
Anti-Galectin-3
Human Galectin-3
ME5(detected with a-CNLD)
Dol-P-Man
Dol-P-Man
EEA(EY Lab)
MPL(EY Lab)
human Dol-1
Dol-1
CC1G-1-0571
WT Galectin-8
mouse Galectin-8
MGL 6A(Galectin-8)
mouse Gal-7
MOA
DC-ASGPR short

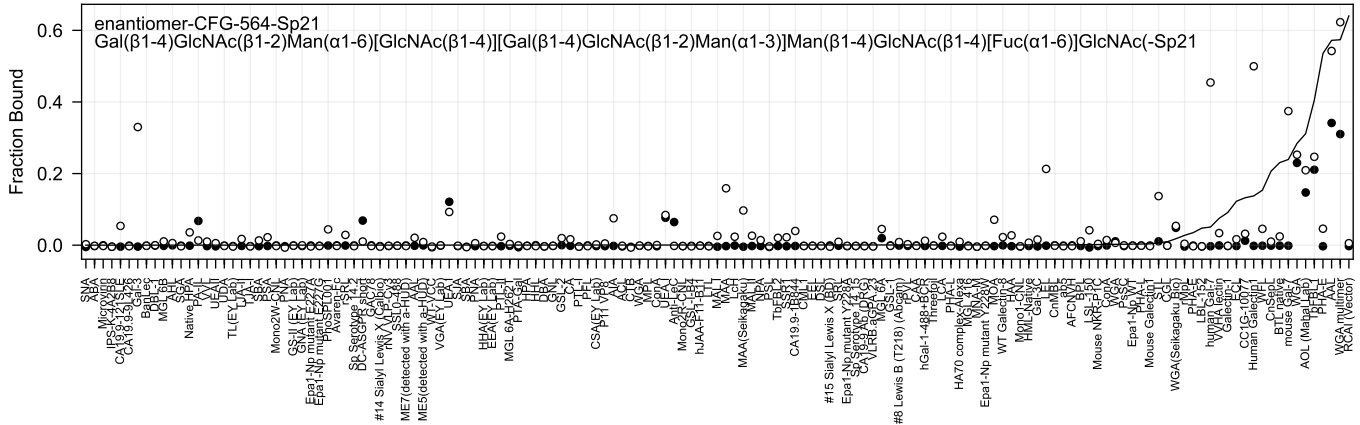

enantiomer-CFG-558-Sp0
Neu5Ac(α2-3)Gal(β1-3)GlcNAc(β1-2)Man(α-Sp0
Fraction Bound
0.20
0.15
0.10
0.05
0.00
p5
SBA
LEL
MGL
hGal-1-488
PCR
HPA
CSA(EY Lab)
GSL-I
VGA(EY Lab)
MAL
NPA
HML-Native
TL(EY Lab)
nNV VLP-Cy3
PNA
TxB
CTB
Epa1-Np
Epa1-Np mutant
VVA
HA(Taylor)
Influ-SC18
CML
Thevenin
AIA
HHA
Avenin-A
HA70 complex-Alexa
Mono1-CNL
PNA
Sp Serotype 14
Sp Serotype 1
CC1G-cowpea
CA19-9 Ab
Barley
VLRB.a
Epa1-Np mutant
GSL-I
MGL 6A-H
HHA
MAA(Seikagaku)
Sp Serotype 19
Mono2K-CNL
Native
HPA
GNA
DSL
ORL-1
VVL
AFL
#15 Sialyl Lewis X
MOA
CA19 9-121
BPL
#14 Sialyl Lewis X (Cap)
EEA(EY Lab)
Mono2W-CNL
Epa1-Np mutant
LSL-A10
T-A
MAA
MOA
GAL-1
ABA
PTA (Jan)
PTL
SBA
CAA
LBL
hJAA-T-81
Epa1-Np mutant
Mouse NKR
BAL
BAL-II
NAL-II
MAL-II
HHA(EY Lab)
PST-I
VGA
VVA
GS-II (EY Lab)
UEA
IPS-K-4
MAL
CA19-9-Sep
DSL
LEL
TDFL-1
WT-ACC
WGA(Seikagaku)
PBA
CTB
Microvirin
BT1(Vyas)
SSLO-488
Galectin-1
WT Galectin-8
PTL
MGL
PHA-E
DC-ASGPR
Influ-SC18
VVA(Taylor)
Mouse Galectin1
RCA(EY Lab)
CA19-9-Tag
#8 Lewis B
ME7(detected with a-HUD)
Human Galectin1
VGA
VVA
AOL (Mahal Lab)
ME5(detected with a-HUD)
Human Galectin3
Anti-Lc
CCL
mouse Gal-7

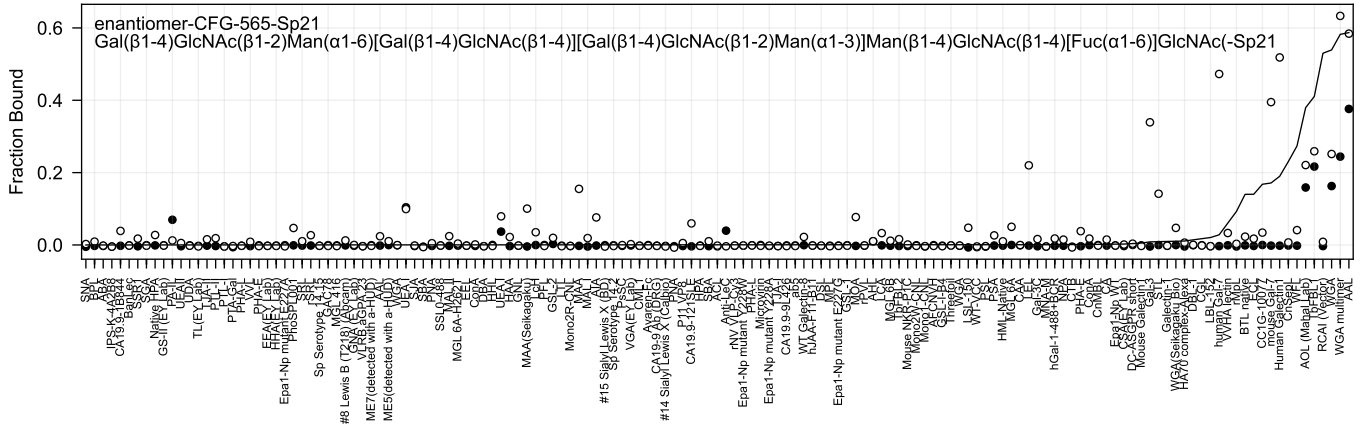

enantiomer-CFG-559-Sp0
Gal(α1-3)Gal(β1-3)GlcNAc(β1-2)Man(α-Sp0
Fraction Bound
0.0
0.2
0.4
0.6
SNA
EEA(EY Lab)
GS-II (EY Lab)
Mono2W
ABA
ACL (Matrix)
Galectin-1
Gal-3
WGA mutant
HA70 complex-lectin
SSA
WGA(Seikagaku)
Native BRA
LEAI
TL(EY Lab)
TJA-I
SBA
SBA
HHA(EY Lab)
SBA
WGA
Epa1-Np mutant Y228A
Epa1-Np mutant E227G
Epa1-Np mutant Y228G
Epa1-Np mutant R231G
PhoSL2001
CNL
SBL
Sp Serotype 4 418
WGA
#15 Sialyl Lewis X (Calbiochem)
rNV-CBP-Y1
sSLC-488
ME7(detected with LSL-I)
LSL-I-B4
LSL-I-B2
ME5(detected with LSL-I)
WT VCO
#8 Lewis B (T218) Antibody
MGL 6A-FITC
MGL 6A
CSA(EY Lab)
CSA
DBA
GNL
SSL-I
GSL-I
CAA
LEA
UEA-I
P11
VCA
UEA
NEA
MALI
Monoclonal
Mono1-CNL
MAA
Threefold
MAA(Seikagaku)
Sp Serotype 1
MALII
WGA
T-CSA
TJA-II
MPA
Epa1-Np mutant Y228A
hGal-1-488-FITC
Sp Serotype 1
ACL
CA19.9-12
LEBT
CA19.9-12
VLRB aggr A23
VLRB aggr A22
#14 Sialyl Lewis X (Calbiochem)
CA19-9 Ab (DSHB)
GAL
CA19.9
IPS-K-4A288
Mouse NKR-P1C
AAL
abo
Microcystin
PNA
Epa1-Np WT
GNA(EY Lab)
VGA(EY Lab)
Banlec
MGL 1.68
MGL 6A
Gal-3C
Gal-3E
MLB
LCA
Galectin-1
DC-ASGPR short
PSA
PsaC
Thy1
Mouse Galectin-1
WFL
VVHA
BPL
hJAA-F11-BBT
WT Avarem-Fc
Bacillus cereus
Human Galectin-1
CGL
CGL
Anti-Sialyl
RCA (Vector)
CCL2-10677
GSL-I-B4
human PAI-1
PAI-1
Galectin-3
mouse PAI-1
MOA

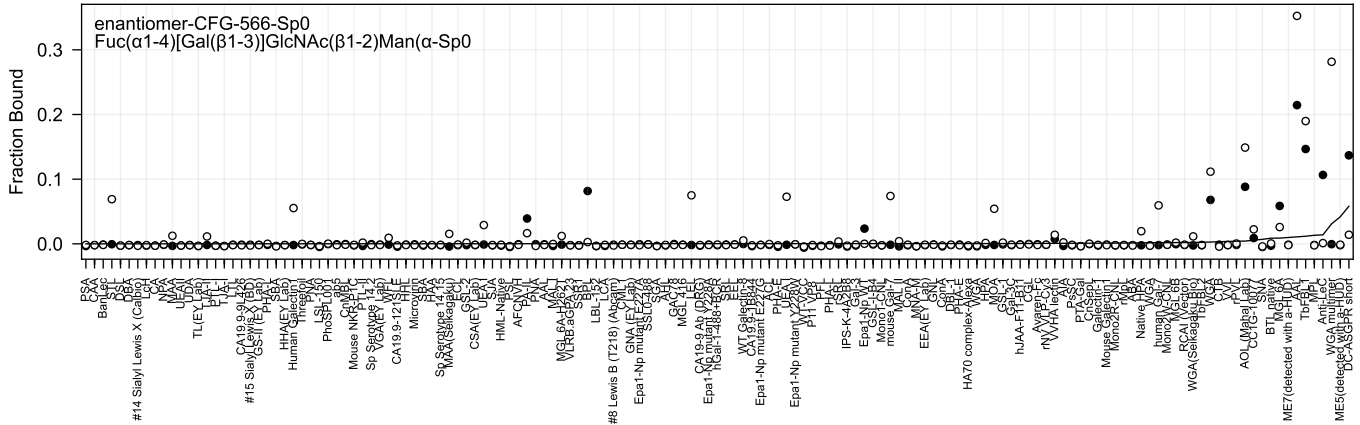

enantiomer-CFG-560-Sp0
GalNAc(β1-4)GlcNAc(β1-2)Man(α-Sp0
Fraction Bound
0.0
0.2
0.4
0.6
SIA
JPS-K-A
CA19.9 (Ab
CA19.9 (Ab
Gal-3
HA70 complex-Flu
SSB1
ABL
Native HA
TL(EY Lab)
PTL-I
PTL-II
PTA
PTG
UEA-I
PHA-E
PHA-L
HHA(EY Lab)
PhoSL(Ab)
CA19-9 Ab (PDG)
#14 Sialyl Lewis X (Calbio)
hGal-1-488
#15 Sialyl Lewis A (Calbio)
GS-I-B4
GS-I-A4
ME5(detected with a-hD)
ME7(detected with a-hD)
hJAA-F11(Ab)
CSL
HPA
LTA
MPL
Anti-CTB
CTB
Threonin
Mouse Galectin1
LCA
LEL
GSL
MAL I
PEL
SCA
Microcystin
CA19.9-PSA
Epa1-Np mutant F226V
Epa1-Np mutant F226Y
MAA(Seikagaku)
PHA-L
Epa1-Np mutant Gal-2
GSL-2
Epa1-Np mutant Y228A
GSL-I-B4
Epa1-Np mutant Y228F
WGA (EY Lab)
#8 Lewis B (TZB)
Epa1 TBEB-1
TBEB-1
BSSC
TBP-NA
CA
ConA
EEA(EY Lab)
EEA(Seikagaku)
AOL (Maria Lab)
LSL-150
Sp Serotype 1,4,12
Sp Serotype 14
UEA-I
LEA
WT Galectin-3
HML-Naive
LBL-122
Avarol
TF
DBA
Human Galectin1
RCA I (Vector)
SIRT
human Galectin-3
APS-CNV-1
TAA-II
DSL-1
rNV VLP-A
mouse Gal-7
SBA
CGB
CGB
Cholera
WGA
Mono2W-CNL
MGL-6-416
MGL-6-416
Monio2R-CGL
Mouse NKR-P1C
CSA(Lectin)
CSA(Lectin)
Mono1-CGL
CCTG-CGL
WGA
MGL
MGL
MGL
MGL
SBA
SBA
WGA(Seikagaku, Bip)
VVL
VVL
WGA mutant
DC-ASGPR short

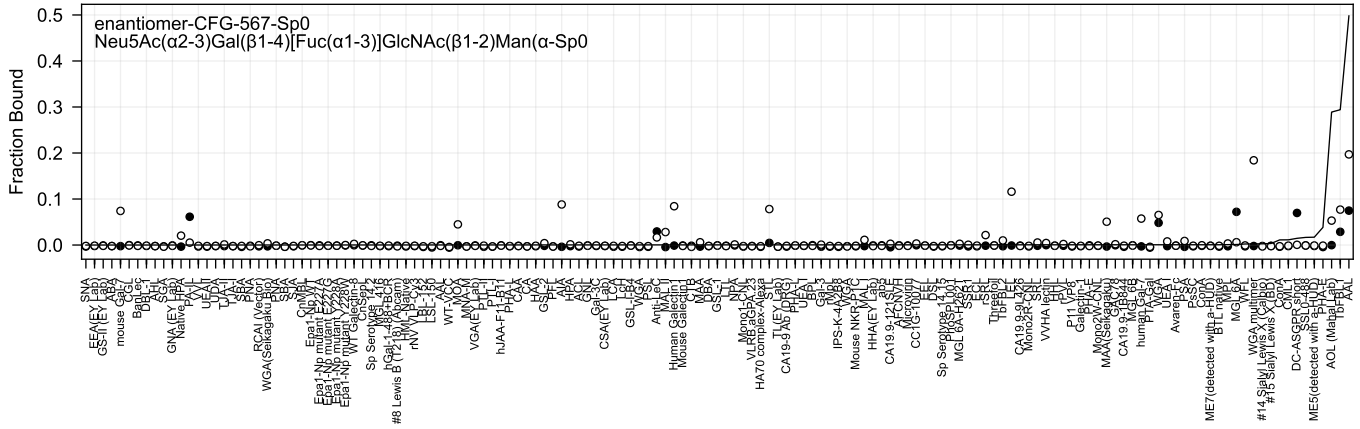

enantiomer-CFG-561-Sp0
Neu5Ac(α2-3)Gal(β1-3)GalNAc(β1-4)Gal(β1-4)Glc(β-Sp0
Fraction Bound
0.20
0.15
0.10
0.05
0.00
AOL (Mahal Lab)
SNA
Lab
B68
B68
IPS-K-4
CA19-9 (TSE)
CA19-9 (TSE)
CA19-9 (Hybrid)
mouse Gal-7
CeCr
WGA-glycomer
Monoclonal
Mouse
MG-B68
Native PNA
WGA(Seikagaku)
PNA
WT
VF-Ab
VF-Ab
TL(EY Lab)
L-A-1
L-A-1
SJA
RIC
RIC
BP
CNA
CNA
Epa1-Np mutant
Epa1-Np mutant E227Q
Epa1-Np mutant E227Q
PhoSL-CNT
Orf1
Sp Serotype 1-4-18
Sp Serotype 1-4-18
Sp 1-4-18
Sp 1-4-18
#15 Sialyl Lewis X (BD)
GSL-I
HMC-Native
ME7(detected with anti-Ub)
WT-Ab
WGA
WGA
VGA(EY Lab)
VGA
ELA
ELA
SNA
SNA
AFO
AFO
MGL 6A-H429
PHA-L
PHA-L
DBA
DBA
GNT
GNT
GSL-I
GSL-I
PCL
PCL
Mono2R-CNT
Mono1-CNT
ACL
Thaelig
Galectin-1
CTB
Human Galectin-1
ECL
ECL
UEA-I
UEA-I
CSA(EY Lab)
CSA
CSA
hJAA-F11-B11
PTA
PTA-Gal
PNA
PNA-Gal
MAL I
MAL I
MAA(Seikagaku)
MAA
MAA
MAL II
MAL II
CML1
CML1
Mouse NKR-P1C
WGA
WGA
LBL-1-B2
UCA
UCA
EEA(EY Lab)
EEA
PSA
PSA
WT
WT
Galectin-3
#8 Lewis B
A418-9 AK(DBS)
#8 Lewis B
A418-9 AK(DBS)
Epa1-Np mutant (C228W)
#14 Sialyl Lewis X (C228W)
PBP-CNT
PBP-CNT
human SSA-1
LEL
LEL
MOA
MOA
Epa1-Np mutant Y228A
Epa1-Np mutant Y228A
AAL
AAL
HA70 complex-AAL
DSA
DSA
GAC
GAC
RCAI (Vector)
SGA
SGA
PSA
PSA
BSA
BSA
SSLO-488
Nucleoplasmin
WGA
WGA
GSL-I(B4)
GSL-I(B4)
CC-1
CC-1
VLRB 6GFA-22
TNF 6GFA-22
PHA-E
PHA-E
DC-ASGPR
SSA
SSA
Tomato
Tomato
SBA
SBA
NDA
NDA
ME5(detected with anti-Ub)
Banlec
Banlec
TBA
TBA
MOA
MOA
GNA (EY Lab)
GNA
DSL-1
DSL-1
HHA
HHA
LEL (Lab)
LEL (Lab)
ConA
ConA
Mouse Galectin-1
Mouse Galectin-1
Anti-LeC

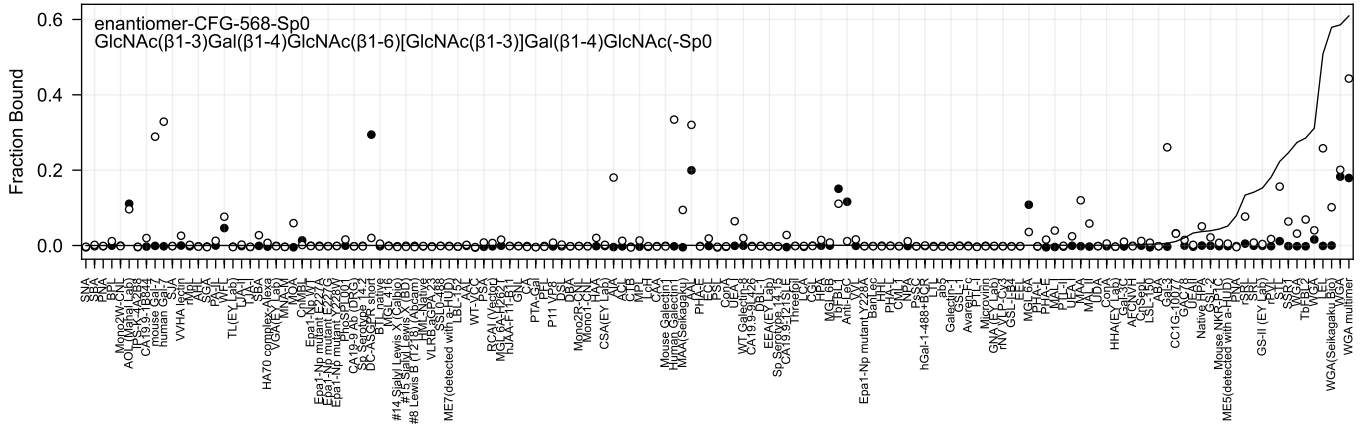

enantiomer-CFG-563-Sp21
GlcNAc(β1-2)Man(α1-6)[GlcNAc(β1-4)][GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)[Fuc(α1-6)]GlcNAc(-Sp21
Fraction Bound
0.0
0.2
0.4
0.6
hJAA-F(11-B1)
UEA1
UDA
TJ1(EY Lab)
vGA(EY Lab)
TJA-I
SNA
SSA
LSL
PNA
RCAI (Vector)
PTL-I
PHA-E
PHA-L
PSL
LBL
MAL-I
MAA(Seikagaku)
WFL
WGA
human Gal-4
Gal-3
Galectin-8
VVA
A Lectin
Microvillin
HA70 complex A488
WFA
MOR-CBP
Mono2WT-CNL
BPL
GNA (EY Lab)
ASL
ABA
Native PGA
PGA
mouse Galectin-3
SSL-I 488
Mono2R-CNL
Mono1-CNL
WT Galectin-3
ProGalectin-3
Gal-3C
VLRB.aGFP
Epa1-Np mutant E227A
Epa1-Np mutant E227Q
Human Galectin1
Epa1-Np WT
DBA
Anti-Gal-3
MEL
PEL
P11
Avarol-EC
#15 Sialyl Lewis X (LEC)
#14 Sialyl Lewis X (LEC)
NPA
GSL-I B4
CSA(EY Lab)
HPA
CrSGP
DBA
GNL
GSL-I
CA19.9-9-12-5
CA19.9-1-A488
CA19.9-1-PE
#8 Lewis Y (Lac-21)
Sp Sialyl(6)Lac-21
Sp Sialyl(6)Lac-13
NGal-1-488-FLC
Epa1-Np mutant K229A
Epa1-Np mutant Y229V
DSL
PNA
Epa1-Np mutant Y229V
GAC/GS
EEL
DC-ASGPR-FLC
CMLT
PACL
MGL-4-16
Galectin-10
CA19.9-1-B644
HML-Naive
SJL
CA19.9-1(ZSL)
GSII (EY Lab)
ECA
ECL (Lab)
WT-CNL
HHA(EY Lab)
CaMBL
rNV Lectin
AFCNV-A
PWA
PHA-E
PSSL
SCH
GSL-I
GSL-I-A
SJA
CGA
CGB
Mouse NKR-P1A
PCL
ME5(detected with a-HUD)
WGA
SBL
SBI
CGB
SSA
BTL
TxBL-B
TxBL-A
AOL (Mal-PB-1)
PHA-L
PWA
WGA
WGA(Seikagaku)
PAL
WGA multimer

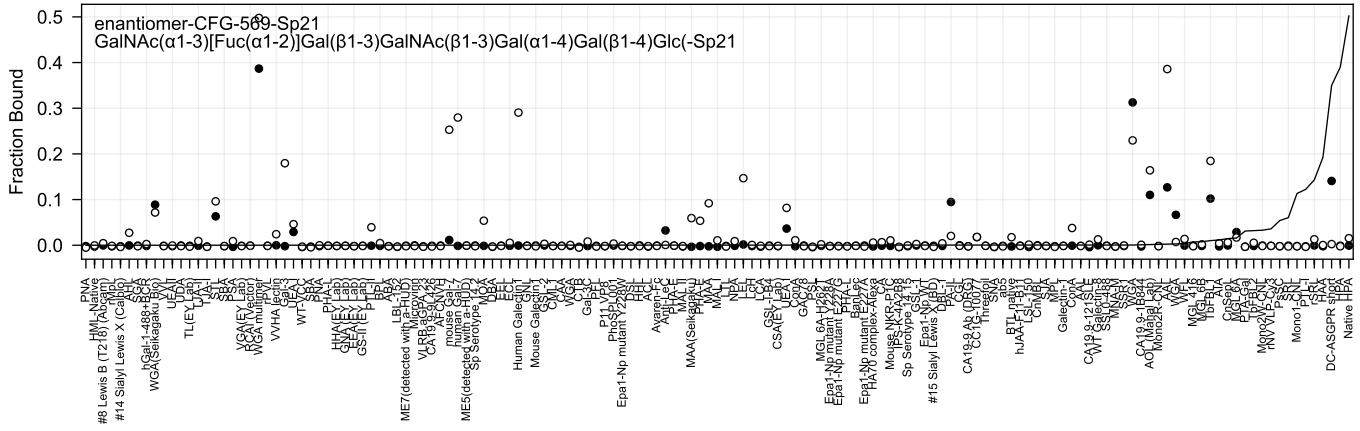

enantiomer-CFG-564-Sp21
Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[GlcNAc(β1-4)][Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)[Fuc(α1-6)]GlcNAc(-Sp21
Fraction Bound
0.0
0.2
0.4
0.6
SNA
SNA
MorXXIIB
IPSA-1
CA19.9-1
CA19.9-2
Galectin-3
BanLec
MGL-Tail
SAL
Native-PHA
PNA
PVL
UEA-II
TL(EY Lab)
LCA
SBA
PNA
Mono2W-CRL
PNA
GSII (EY Lab)
GNA (EY Lab)
Epa1-Np mutant E227A
Epa1-Np mutant Y228A
ProSP-D(o)
Avarol
SP-D
Sc-Secretoglobin 1L2
SC-Secretoglobin 1L2
GAL8
#14 Sialyl Lewis X (Jeanloz)
SSL1-088
ME7(detected with a-HD)
ME5(detected with a-HD)
VGA(EY Lab)
UEA
SBA
HHA(EY Lab)
EEA(EY Lab)
MGL 6A-Z6z1
PHA-E
PHA-L
DBA
DSL
SNA
GSL-2
PTL-I
CSA(EY Lab)
PTL-II
VFA
ACL
WGA
MPL
OPA1
AAL-CRL
Mono2W-CRL
GSII-B4
hJAA-F11
PNA
MAA
LCA
MAA(Seikagaku)
PWM
SBA
TxLB
TxLB2
CA19.9-B341
CML-1
DSL
#15 Sialyl Lewis X (Jeanloz)
Epa1-Np mutant Y228A
SSL8 Nc (DR-2)
SSL8 Nc (DR-3)
CVLRB aggl. 23
GSL-1
#8 Lewis B (T218) (Abgent)
CAA
hGal-1-488
CAA
Threepio
PHA-L
HA70 complex
Mono1-CRL
Epa1-Np mutant Y228A
WT Galectin-3
CAA
Mono1-CRL
HML-Native
Galectin-1
CnMBL
AFO
Mouse NKR-P1C
SSL
Epa1-Np
Mouse Galectin1
OGL
WGA(Seikagaku)
Mouse NKR-P1C
LEL
LB-H155
hVEGF
hVEGF Gal-r
Galectin-7
CC1G-10047
Human Galectin1
BTL native
CnSAP
mouse WGA
WGA
AOL (Matar Lab)
PHA-E
PHA-L
WGA mutmer
RCA (Vector)

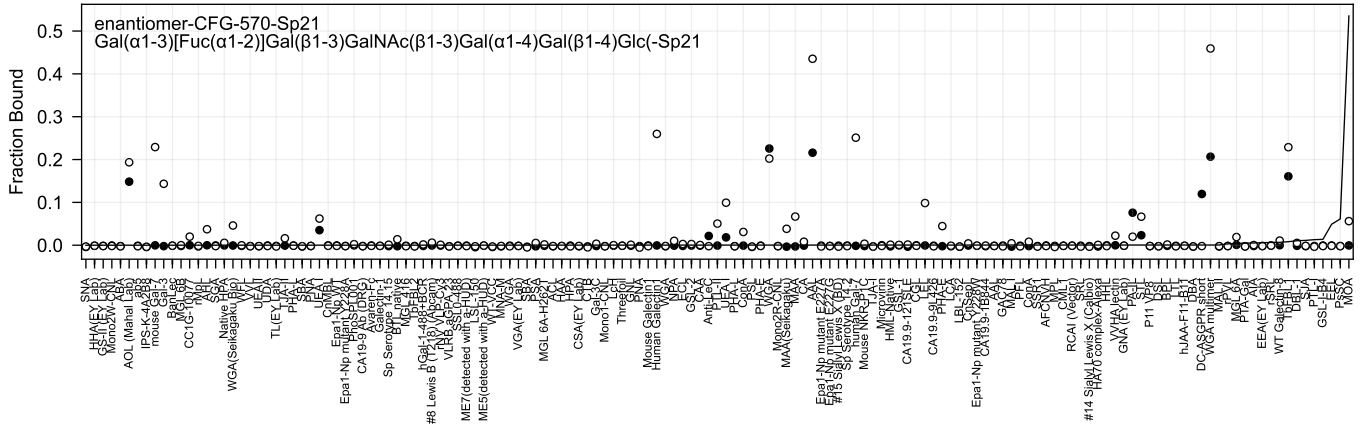

enantiomer-CFG-565-Sp21
Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Gal(β1-4)GlcNAc(β1-4)][Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)[Fuc(α1-6)]GlcNAc(-Sp21
Fraction Bound
0.0
0.2
0.4
0.6
SNA
SSA
ABA
JFS-K-4
CA19.9-1B544
Basley
SGA
Naive Lab
GS-Naive Lab
UEA-II
TL(EY Lab)
UDA
PTA-1
PTA-Gal
PNA
PVA-LE
EEA(EY Lab)
HHA(EY Lab)
Epa1-Np mutant Lab
PhoSH-EZ2A
SBA
ECL
Sp Serotype 1 Lab
GalC-718
GalC-719
#8 Lewis B (T218) (Abcam)
MGAL (EY Lab 32)
VRA (EY Lab 32)
ME7(detected with a-HUD)
ME5(detected with a-HUD)
VVA
UEA-I
ECA
SNA
SSL1-488
MAA-LT
MGL 6A-PAA-LT
EEL
CGB
DBA
UEA-I
EAA
MAA
MAA(Seikagaku)
PHA-L
PHA-E
GSL-2
Mono2R-CNL
MAA
ALA
#15 Sialyl Lewis X (P2)
Sp Serotype 5 Lab
VGA(EY Lab)
CMH-1
CA19.9-Avelumab
CA19.9-121
#14 Sialyl Lewis X1 (Calbiochem)
P11-VGA
SBA
CA19.9-121-LE
SBA
AOL
Anti-Galectin-3
rNV (P3-Sc)
Epa1-Np mutant Lab
MGP2-KO
Epa1-Np mutant Lab
CA19.9-SLe
CA19.9-SLe-LE
WT Galectin-3
hJAAT-F1
PSL
Epa1-Np mutant Lab
GSL-1
MOA
AIL
MGL-68
Mouse NKR-P1C
Mono2W-CNL
Mono2V-CNL
GSL-I B4
Isolectin GS-IV
WGA
WT-VGA
PSL
HML-Naive
MGL-6A
LEL
WGA-LE
hGal-1-488
PCA
CTB
PCA-LE
CnMBL
Epa1-Np WT
Epa1-Np WT
DC-SIGNR (Lab)
Mouse Galectin1
Galectin-1
Galectin-1
WGA(Seikagaku)
HA(H) complex(Alexa)
DSL
LEA
LBL-152
hVVA Tandem
hVVA Tandem
AIL
BTL-LE
CC1Gc-Gal-7
mouse Galectin7
Human Galectin7
CnMBL
WPL
AOL (Matsu Lab)
RCAI (Vector)
WGA multimer
AAL

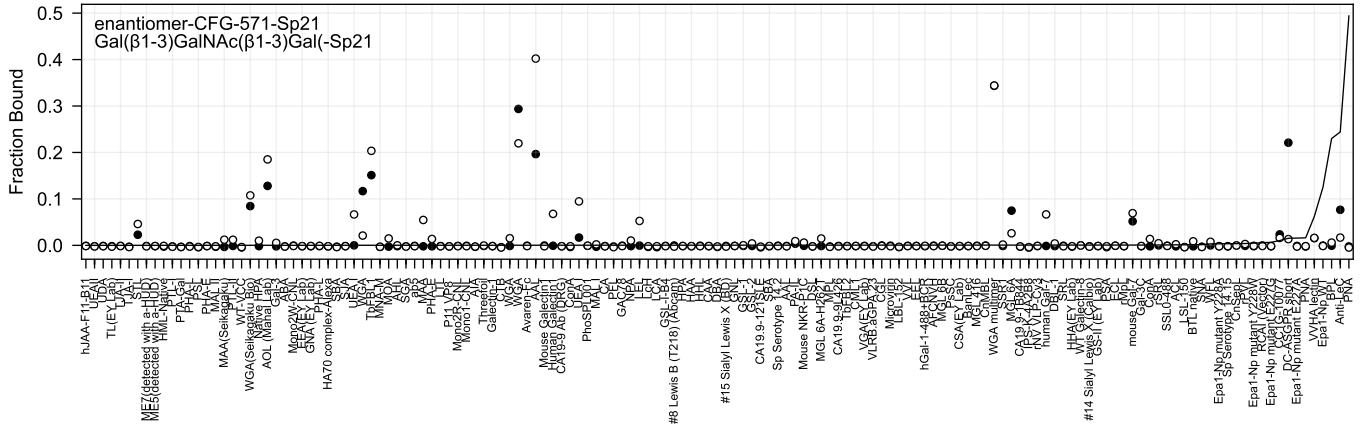

enantiomer-CFG-566-Sp0
Fuc(α1-4)[Gal(β1-3)]GlcNAc(β1-2)Man(α-Sp0
Fraction Bound
0.0
0.1
0.2
0.3
PSA
CSA
Banlec
DSL
DSA
#14 Sialyl Lewis X (Calbio)
LCA
NPA
UEA
UMA
TL(EY Lab)
UDA
PTL-I
PTL-II
LTL
#15 Sialyl Lewis A (Calbio)
CA19.9 (Abcam)
GSII(EY Lab)
PNA
SBA
HHA(EY Lab)
Human Galectin-3
Thrombo
PWM
LSL
PhoSL (Dot)
CrmB
Mouse NKR-P1
Sp Secretome 1-2
VGA(EY Lab)
CA19.9-12(SLE)
Microvin
SIA
Sp Secretome 14-15
MAA(Seikagaku)
CSA(EY Lab)
GSL-I
UEA-I
HML-Nature
WGA
HSL
AFGP
PNA
ANA
MAL
MGL 64-1
VGB-AGA-23
SSA
SBA
LBL-1
#8 Lewis B (T218) (Abcam)
CA19.9
GNA (EY Lab)
Epa1-Np mutant (E272Q)
SSLC-198
AGL
MGL-118
CA19.9 Ab (DEL)
Epa1-Np mutant (Y288Q)
hGal-1-488-3Sp
EEL
WT Galectin-3
CA19.9-BBB43
Epa1-Np mutant E272G
PHA-E
PHA-L
Epa1-Np mutant Y288A
PIT-Vicia
PIT-Vicia
PHA-L
IPS-K-A2B8
Epa1-Np
GSL-I-B4
Mouse Galectin-1
mouse Galectin-7
MAL-I
MAL-II
EEA(EY Lab)
GNL
DBA
PTA-E
HA70 complex-Wga
WGA
HPA
GSL-I
hJAA-FITC-1
CGL
rNAP1-Cx3
VVHA lectin
PSA
PTA-Gal
Galectin-1
Mouse Galectin-1
Mouse 2R-CNL
Mgk
Native PNA
VVA
human Gal-9
Mono-Man-CSL
RCA I (Vector)
WGA(Seikagaku)
BPL
TJA-II
WGA
CVN
CVP
PAC
AOL(Mabtag)
CC-1G-1 (Abcam)
SNA
BTL
MGL-6A
ME7(detected with a-Galectin-1)
AAL
Tbr-Galectin-1
WGA
Anti-LeC
ME5(detected with human IgG)
DC-ASGPR short

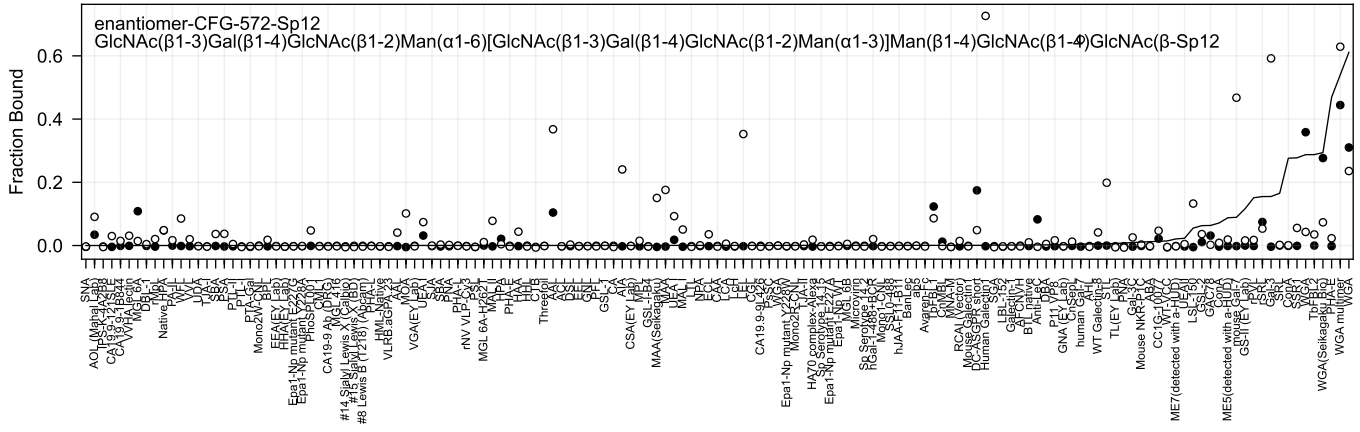

enantiomer-CFG-567-Sp0
Neu5Ac(α2-3)Gal(β1-4)[Fuc(α1-3)]GlcNAc(β1-2)Man(α-Sp0
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
SNA
Jacl
EEA(EY Lab)
GS-II(EY Lab)
mouse Galectin-3
OCL
Bap-1
DBA
SCA
GNA(EY Lab)
HPA
Native-PA
PAA
UEA-I
UDA
TJA-I
SJA
SBA
RCA
RCAI (Vector)
WGA(Seikagaku)
PNA
SBA
CON
Epa1-Np mutant
Epa1-Np mutant E227G
Epa1-Np mutant Y228G
Epa1-Np mutant Y228W
WT Galectin-3
Sp Serotype 12
hGal-1-488-BCR
#8 Lewis B (12-18) (Abcam)
rNVH-Galectin-9
LEL-135
LEL-152
AAL
WT-Galectin-1
MOR
VGA(MVA-N)
PHA-L
hIAA-F11-B11
PHA-E
CA
PNA
GNA
PFT
HPA
ASL
ASI
Gal-3C
CSA(EY Lab)
Lac
GSL
WGA
PSA
Anti-Galectin-1
MAL-I
Human Galectin-1
Mouse Galectin-1
CTB
OBA
GSL-I
NPA
Mono1
VLRB-3GP-C15
HA70 complex-Alexa
TJ(EY Lab)
CA19-9 Ab
PNA
UEA-I
Gal-1
Gal-3
IPS-K-4-Alexa
Mouse NKR
MAL-I
HHA(EY Lab)
CA19.9-121-SCF
AICONIA
CC1G-10007
DSL
Sp Serotype 14 (ATCC 10001)
MGL 6A-12621
SSL1
SSL7
Tim-F
TDFB-09
CA19.9-aa-SCF
Mono2R-CSF
VVHA lectin
BJ1
P11
VP6
Galectin-1
Mono2WCNT
MAA(Sensitech)
CA19.9-TBAB
CA19.9-TBAB
human Gal-7
PNA
WGA
UEA-I
Avarol
PSA
ESA
ME7(detected with a-HUD)
B1L
MOR
MGL
WGA multimer
#14 Sialyl Lewis X (BIB)
#15 Sialyl Lewis X (BIB)
CON
DC-ASGPR
SP1
ME5(detected with a-HUD)
SSL1-488
PHA-E
AOL (Matreya)
ID
AAL

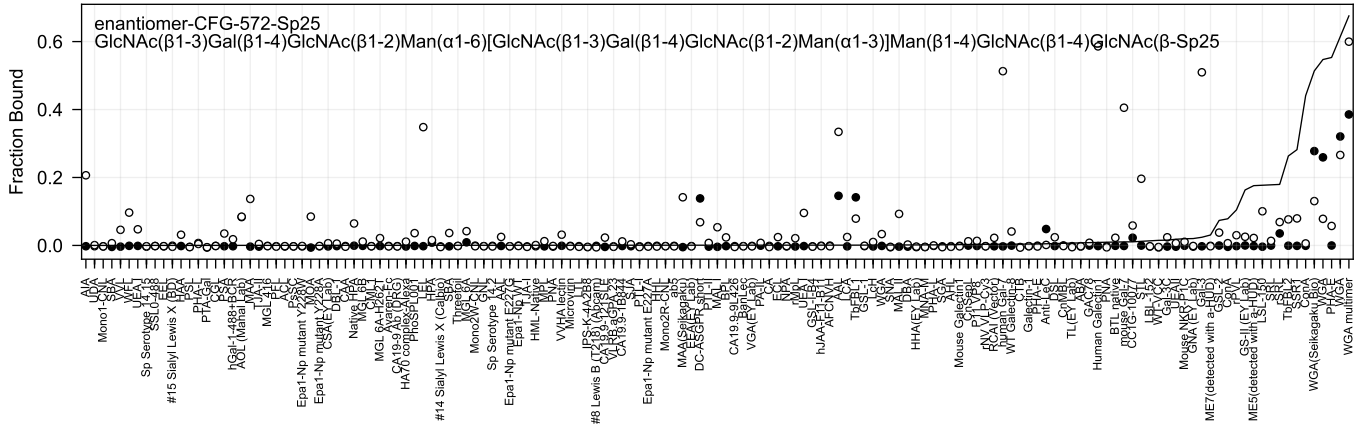

enantiomer-CFG-568-Sp0
GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-6)[GlcNAc(β1-3)]Gal(β1-4)GlcNAc(-Sp0
Fraction Bound
0.6
0.4
0.2
0.0
SNA
SNA
PNA
PNA
BNL
Mono2W-CNL
AoLA(Fucα1-2Gal)
CA19-9-1B644
human Gal-7
SJA
VVHA-Fve
SJA
SEA
PAL
TL(EY Lab)
LAA1
SBA
HA70 complex-Vaa
GNA(EY Lab)
MAL(EY Lab)
Epa1-Np mutant E2276
Epa1-Np mutant E2276
Epa1-Np mutant E2276
MonoSF-CNL
CA19-9 Ab (DRG)
DC-SIGNR short
ECA
#14 Sialyl Lewis X (Calbiochem)
#8 Lewis B (Calbiochem)
VLRA-Saxo
SSLL-488
LEL-HRP
ME7(detected with LEL-HRP)
WT
AAL
PSA
BCA(EY Lab)
MGL(EY Lab)
hJAA-F1-FITC
GCA
PTA
Gal
P11
VSB
DBA
Mono2R-CNL
Mono1-CNL
HAA
CSA(EY Lab)
ACG
ACG
MPL
CCL
Mouse Galectin1
Mouse Galectin3
MAA(Seikagaku)
AAL
PNA
ECL
OSL
OEA1
WT Galectin-8
CA19-9 Ab-1
DBA-1
EEA(EY Lab)
Sp-Serotype 14-19
CA19-9 Ab-2
Tim-2-Fc
LCA
PHA
HPA
MGL(EY Lab)
Anti-Tet
Epa1-Np mutant Y2264A
Barley-lec
PTA-1
PTA-1
CNA
hGal-1-488-BLU
FaSS
ab3
ab5
Galectin-1
GSL-1
Avarol-1
Mycovin
GNA(EY Lab)
TNX(EY Lab)
GSL-EEA
MGL-BA
PHA-E
PHA-L
PAL-1
UEA1
UEA1
MAL
UDA
CGA
HHA(EY Lab)
Lap
Lap
ACG
ACG
LSL
CgSSB
LSL
ABA
Gal-3
CC1G-488
GNA
Gal-7
Native EEA
Mouse NGS-2
ME5(detected with a-TUD)
PNA
SBA
SJA
GS-II (EY Lab)
PAL
SJA
SGL
SGL
WGA
Tb-Fve
WGA
EEL
WGA(Seikagaku)
PSA
WGA multimer

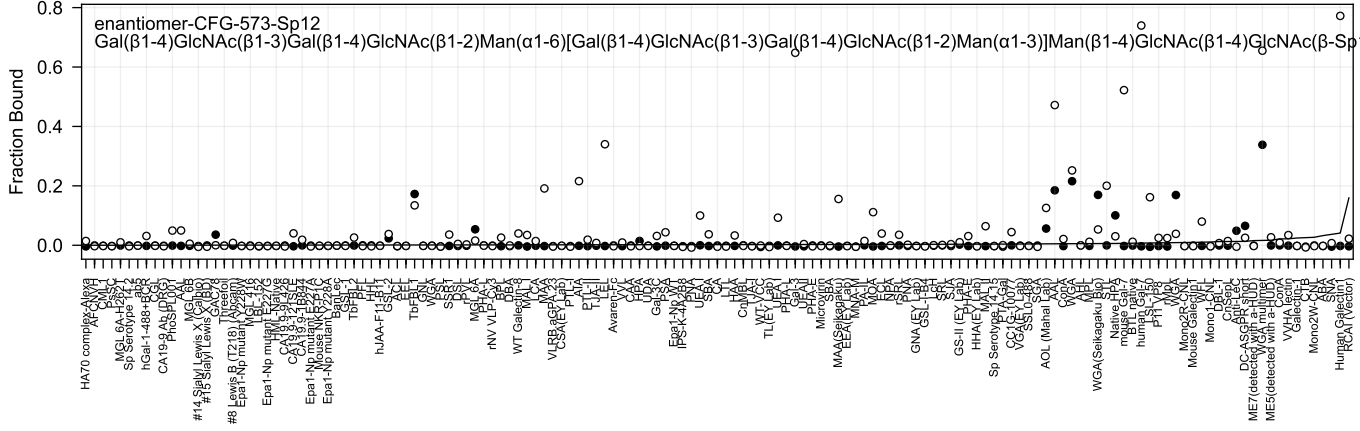

enantiomer-CFG-5G9-Sp21
GalNAc(α1-3)[Fuc(α1-2)]Gal(β1-3)GalNAc(β1-3)Gal(α1-4)Gal(β1-4)Glc(-Sp21
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
PNA
HM-Native
#8 Lewis B (T218) (Abcam)
#14 Sialyl Lewis X (Calbio)
SNA
hGal-1488-BCR
WGA(Seikagaku)
UEA1
TL(EY Lab)
LTA
SBA
VGA(EY Lab)
RCA(EY Lab)
WGA multimer
VVHA (ecto)
GNA
WT-TCR
SRA
PHA-L
HHA(EY Lab)
GNA(EY Lab)
GSII(EY Lab)
PHA-E
ABA
LBL-1-152
ME7(detected with a-Fc)
Macrophage
VCRA-SCF-A28
CA19-9-A28
AFCNV-A28
hmgal-Gal-7
ME5(detected with a-Fc)
Sp serotype
MOA
DBA
ECL
Human Galectin-1
Mouse Galectin-1
CAA-1
VGA
CTB
Galectin-8
PBP
P19-Sp-1-68
PhoSP-1-68
Epa1-Np mutant Y222W
HPT
Ayame-A
Ayame-C
Agglutinin
MAA(Seikagaku)
PNA
MAA
MAL-1
NDA
LEA
GSL-1-52
CSA(EY Lab)
UEA
GA-C28
GA-C28
MGL-6A-U-28
Epa1-Np mutant Y222A
Epa1-Np mutant Y222F
PHA-L
Epa1-Np mutant Y222K
HA70 complex-Alexa
Mouse NKR-P1C
Mouse NKR-P1A
Sp Serotype-A28
GSL-1
Epa1-Np mutant Y222R
#15 Sialyl Lewis X(BD)
DBA-1
CSL
CA19-9-A28 (Mab-7)
CE-A28 (Mab-5)
Threo(o)
Threo(p)
abs
hJAT-1-BXB
LSL-1-150
CNA-1
MPT
Galectin-1
CorA
CA19-9-12-SLE
WT Galectin-8
Galectin-8
MNA-M
SSA
CA19-9-18-644
AOL-Mab28-CRD
Mouse-CRD
ASK
WFL
MGL-1-18
TBPB-1-A
TBPB-1-B
CoSep
MGL-5A
MGL-5B
TBPB-2
Mono1-CNL
NVVLE-CNL
PSSC
SNL
PTL
PHL
HJA
DC-ASGPR
SPA
Native HPA

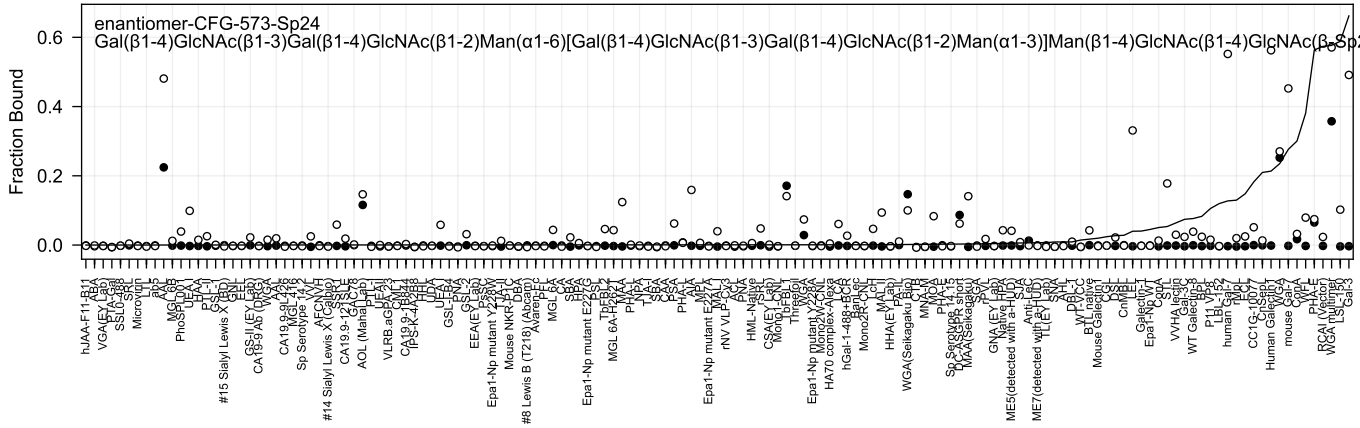

enantiomer-CFG-570-Sp21
Gal(α1-3)[Fuc(α1-2)]Gal(β1-3)GalNAc(β1-3)Gal(α1-4)Gal(β1-4)Glc(-Sp21
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
SNA
HHA(EY Lab)
CS-1(EY Lab)
Mono2W
ABA
AOL (Mahal Lab)
IPS-K-4A268
mouse Gal-3
Bap-ec
MGL
CC1G-Tox79
ANL
SBA
Native Lec
WGA(Seikagaku, Bio)
WFL
UEA-I
TL(EY Lab)
PHA-L
PHA-E
SBA
LEA
UEA
Epa1 CnBP
Epa1-Np mutant Y238A
CA19-9-Tb70 SDHCL
Avelen-F2
Galectin-4 L1
Sp Serotype 14
BTCA native
MGL-2
LFB-1
hGal-1 L68-E80
#8 Lewis B Tb72
VLRA VLR-C-C3
VLRB VLR-C-C4
SSA(CP-488
ME7(detected with a-HUD)
ME5(detected with a-HUD)
WFA
VGA
VGA(EY Lab)
SBA
SBA
MGL 6A-Hu69A
ACL
HPA
CSA
CSA(EY Lab)
Gal-3
Gal-3C
Mono1 CnL
Threo
PNA
Mouse Galectin1
Human Galectin1
WGA
NPL
GSL-2
ACA
Anti-Lec
PHA-L
PHA-E
Cash
PTA
PTA-E
Mono2R CnL
MAA(Seikagaku)
MAA
ACA
Epa1-Np mutant E272A
Epa1-Np mutant E272G
#13 Sp Serotype 1,2,5,7,8,10
Sp Serotype 1,2
Mouse NKR-Lec-C
TJA-I
Microvirin
HML-native
CA19.9-12-SLE
CGL
CA19.9-gal 125
PTA-E
PTA-E
LBL-152
Epa1-Np mutant Y238W
CA19.9-Tb644
GNA
GNA
MAL
SCA
SCA
AFSVA
CMLT
CMLT
RCAI (Vector)
RCAI (Vector)
#14 Sialyl Lewis X (Carbo)
HA70 complex-Alexa
VVHA-Lectin
GNA (EY Prep)
STL
STL
BPL
P11
VSL
BPL
hJAA-F11-B11
SBA
DC-ASGPR
WGA
WGA mutant
PAV
PAV
MGL-6A
MGL-6A
AVA
EEA(EY Lab)
CSB
WT Galectin-3
TEL
DBL-1
DBL-1
PTA
PTA
GSL-LEA
PSA
PSA
MOX

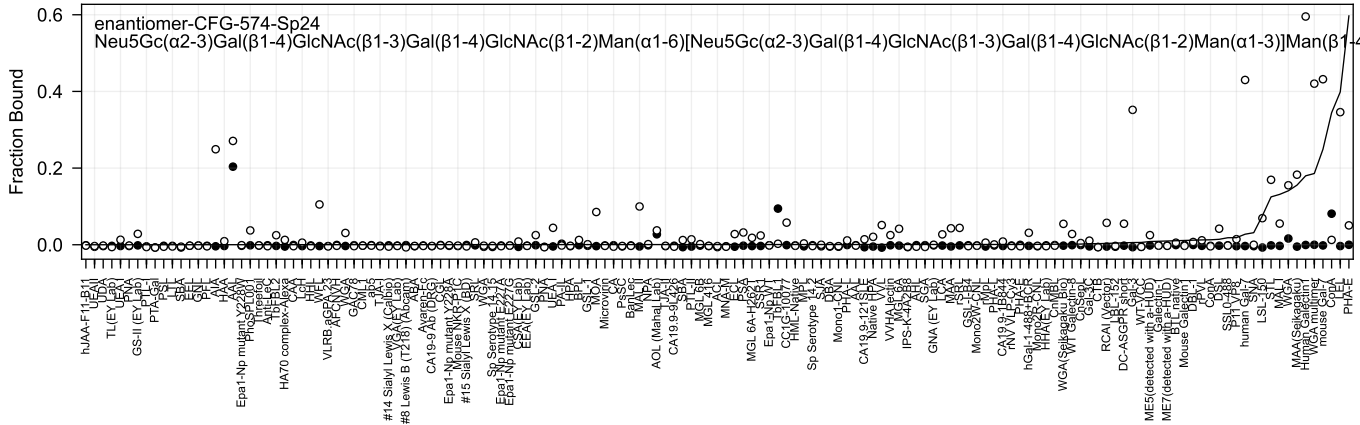

enantiomer-CFG-571-Sp21
Gal(β1-3)GalNAc(β1-3)Gal(-Sp21
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
hJAA-F
UEA I
UDA
TL(EY Lab)
SJA
MEL(detected with a-HUD)
MEL(detected with MAL-Native)
PTA
PTL-I
PHA-E
PHA-L
MAL I
MAA(Seikagaku)
WGA(Seikagaku)
WFL
UDA
Native HPA
AOL (Mahal Lab)
ABA
ABL
Mono2W-CNL
EEA(EY Lab)
GNA (EY Lab)
HA70 complex-Vet8
SNA
SSA
VFA
TKA-1
TKB-1
MNA
MOA
ASL
ACG
aba
PNA
MAH
PHL
P11
VCL
Mono2R-CNL
Mono1-CNL
Threefold
Galectin-3
WGA
ACL
Avaren-Fc
Mouse Galectin-1
Human Galectin-1
CA19.9 Ab (Cetus)
DEA1
PhoSL
MAL II
PCA
GAL8
GAL3
NEA
LCA
GSL-I-B4
#8 Lewis B (T218) (Abcam)
HAA
CAA
CBA
CGA
GNL
GSL-I
CA19.9-12
SSA2
Sp Serotype 12
PAA
Mouse NKR-P1C
MGL 6A-H-PST
CA19.9-9
TPA-1
VGA(EY Lab)
VLRB.aGPA23
Microvirin
LBL-VSF
EEL
hGal-1-488
APA
CRA
MGL-SB
CSA(EY Lab)
MGL-416
CnMBL
SSB81
WGA mutant
CA19.9
MAB-24
TB-1-CA288
TB-1-CA289
human Gal-7
DSL-1
HHA(EY Lab)
#15 Sialyl Lewis X (BBA)
#14 Sialyl Lewis X (Galectin-3)
GSL-II (EY Lab)
ECL
mouse Gal-1
mouse Gal-3C
GRA
SSLL-488
LSL-156
BTL
hsWA
WFL
Epa1-Np mutant Y-1415
Sp Serotype 14-1415
CnSBL
Epa1-Np mutant Y225W
RCA I
Epa1-Np mutant E225Q
Epa1-Np mutant E225A
DC-SIGN-10077
VVHA
Epa1-Np WT
Epa1-Np WT
Bec
Ant-P
PNA

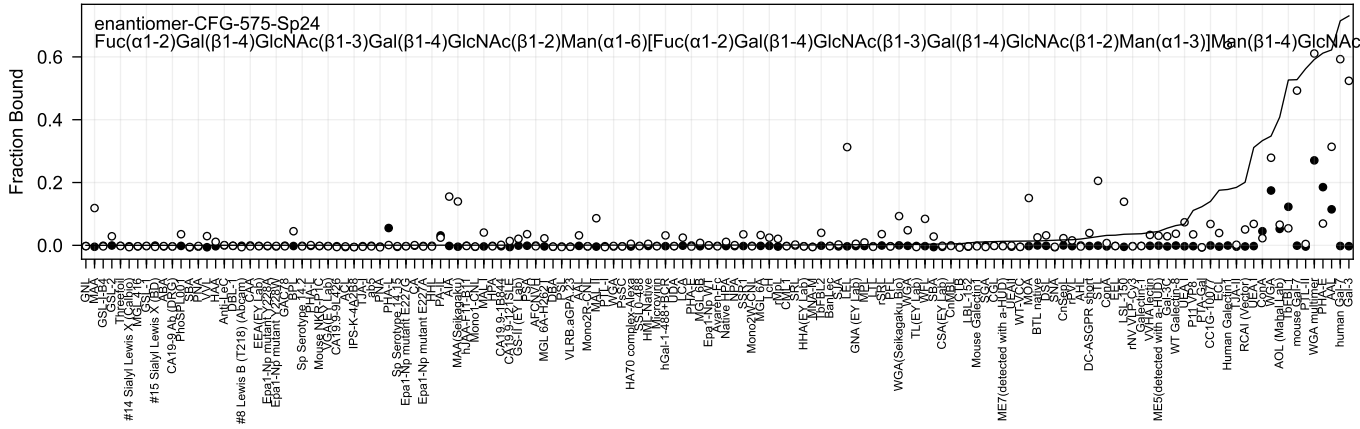

enantiomer-CFG-572-Sp12
GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp12
Fraction Bound
0.0
0.2
0.4
0.6
SNA
AOL (Mahal Lab)
PSA
CA19-9-1-Ab
CA19-9-1-BB44
CA19-9-1-Ab
VVA (Jacob)
DBA
DBL-1
Native LNA
PNA
FAP-I
VVL
UDA
LTA
SBA
PTL-II
PTL-I
RTA
Mono2W-Gal
EEA(EY Lab)
HPA(EY Lab)
Epa1-Np mutant Y228A
Epa1-Np mutant T229A
PhoSL-001
CA19-9 Ab (CFG)
#14 Sialyl Lewis X (CFG)
#15 Sialyl Lewis X (CFG)
#8 Lewis B (14-18WK Y-TBD)
14WK Lewis Y
VLRB.aGAL03
ACL
ACA
VGA(EY Lab)
UEA
SBA
PNA
RTA
PTL-II
rNV VLP P43
MGL 6A-H283
MAA
PHA-E
PHA-L
LCA
Thrombin
AAL
ABA
BPL
EEL
GSL-I-A
AIA
CSA(EY
MPA
GSL-I-B4
MAA(Seikagaku)
WXA
MAL
NPL
LEC
CAA
LFA
LCH
CEL
CA19-9-4-428
WGA
Epa1-Np mutant Y229A
WGA
HA70 complex-14-18
HA70 complex-14-18
Epa1-Np mutant E227A
Sp Serotype 14-18
Epa1-Np mutant E227A
Epa1-Np WT
MGL 6B
Sp Serotype (Microvirus)
hGal-1-288-E5K
hGal-1-288-E5K
MSL-1-288
hAA-1-131
Bal-1-131
aB5
Avidin
BPL
CNA35
CNBM
RCA(A) (Vector)
Mouse Galectin-1
Human Galectin-1
LBL-1-32
Galectin-1
BTL native
Ami-DBA
PTL VP8
GNA (CFG Lab)
human GAL
WT Galectin-8
TL(EY Lab)
PNA
Mouse NKR-P1C
GC-1
CC1(G-100)
ME7(detected with a-EUA)
WT-ACC
WT-ACC
LS-1-59
LS-1-59
GC-8
GC-8
ME5(detected with a-HUD5)
mouse Gal-7
GSH (EY Lab)
PSL
GAL
SRL
SSA
SSB
Tb-DBA2
Tb-DBA2
WGA(Seikagaku)
Tb-DBA
WGA mutant
WGA

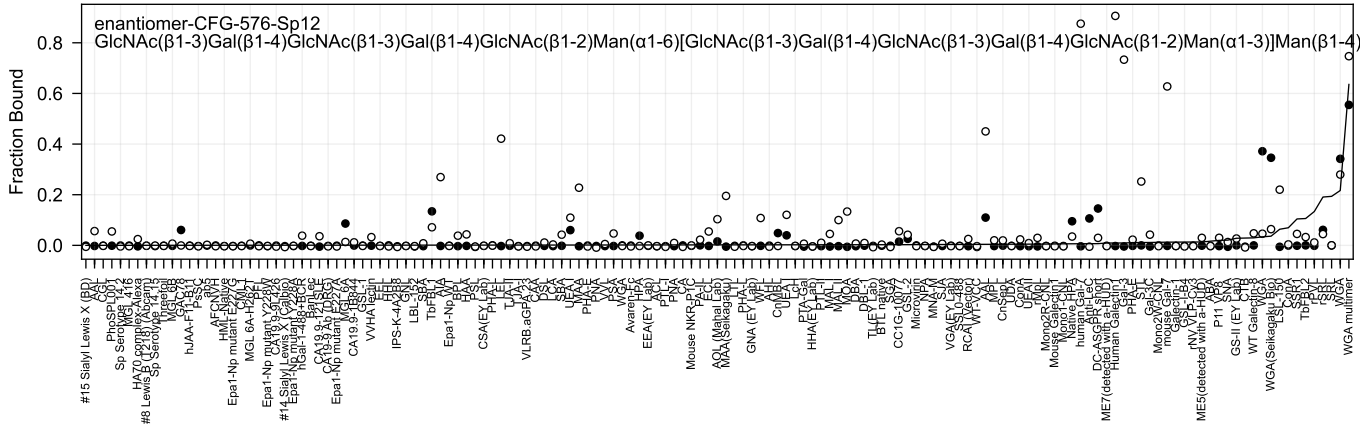

enantiomer-CFG-572-Sp25
GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp25
Fraction Bound
0.0
0.2
0.4
0.6
AIA
UDA
SNA
VVL
UEA1
LEA
Sp Serotype 14-18
SSL-Leb
PSL
#15 Sialyl Lewis X (Lab)
PTA
PNA
OSA
hGal-1488+BGR
AOL (Mahal Lab)
MGL
BPL
LAA-II
ACL
Epa1-Np mutant Y229V
Epa1-Np mutant Y229A
CSA(E Lab)
DSA
NaVs
PFB
MOA
MGL 64mer
CA19-9 Ab (OR Lab)
HA/O cocktail
PhoSL001
HPL
#14 Sialyl Lewis X (Cabio)
Tepebu1
MGL-6A
Mono2WT
GNL
Sp Serotype AA
Epa1-Np mutant E227G
Epa1-Np mutant E227A
Epa1-Np JA1
HML-Neuac
BNA
VVHA-Neuac
Mucroulin
#8 Lewis B (CA19-9 Lab)
IPS-K-AA2B8
CA19-9 (Japan)
CA19-9-Fab
CA19-9-Fab44
PTL-I
Epa1-Np mutant E227A
Mono2R CNL
MAA(Seikagaku)
DC-ASGPR (Sino Lab)
SNA-I
MAL
CA19-9-aLa2B
VGA(E Lab)
PAL
EEL
BCA
MPA
UEA1
hJAA-1-B11
AFCNV11
PCA
TxGL-1
WGA
SNA
MAL
DBA
HHA(EY Lab)
MPA-I
SGA
Mouse Galectin1
PTA
PTA-Cy5
RCA
WT Galectin-8
Galectin-1
Arf1-Fc
nGBL
TL(EY Lab)
CrvP
GAA
Human Galectin7
BTL naive
CCL2 cocktail
STL
WFL-Fc
Gal3C
Mouse NKR-P1C
GNA (EY Lab)
ME7(detected with a-HUD)
CBA
PNA
GS-II (EY Lab)
ME5(detected with a-HUD)
LSL-SB
GRL
TxSR1
WGA(Seikagaku)
Con A
WGA
PWGA
WGA multimer

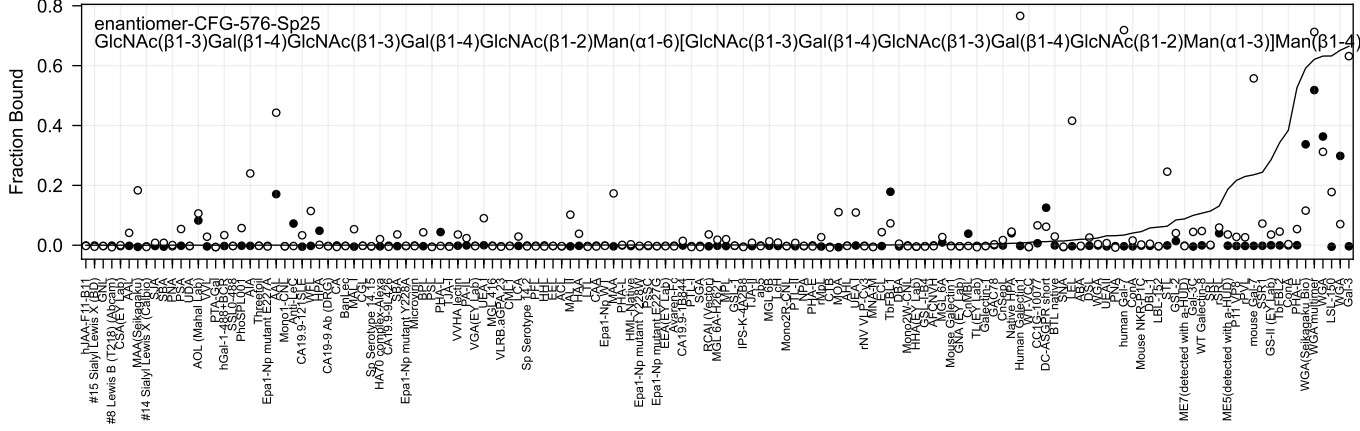

enantiomer-CFG-573-Sp12
Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β-Sp
Fraction Bound
0.0
0.2
0.4
0.6
0.8
HA70 complex
Alpha
CNL1
CNL2
MGL 6A-H292
Sp Serotype 14
hGal-1-488+BGR
CA19-9 Ab (PRG)
PhoSH-001
#14 Sialyl Lewis X (CLB)
#15 Sialyl Lewis A (CLB)
MGL 6B
GAC78
#8 Lewis B (T218) (Vaccin)
Epa1-Np mutant R226A
Epa1-Np mutant
BL-152
Epa1-Np mutant T
Epa1-Np mutant
CA19-9 (Fab)
CA19-9 (IgG)
Epa1-Np mutant R226A
Epa1-Np mutant R226G
Epa1-Np mutant
PasS-er
TbF
TbF-BF
HH
HH-1
hAA-F1
GSL-12
ACT
TbF-BLT
GNA
SSL1
VFA
PSA
SSL2
PGA
MGL 6A
PTA-1
nVV VLP
PBA
DBA
WT Galectin-1
WAL
MXA
VLRB aGP 23
CSA(EY Lab)
PTA
PTA-II
T-JA-II
PHA-E
Avarol
EE
VVA
HPA
GorA
PSA
Epa1-Np 288
Epa1-Np 288 (Fc)
DNA
UEA
SBA
LA
HAA
CvN
TJ-II
VEY VGC
TL(EY Lab)
UEA-I
PGA-1
PEA-I
PEA-II
Microgluten
SBA
MAA(Seikagaku)
EEA(EY Lab)
MAA-II
MOA
NPA
PNA
PNL
GNA (EY Lab)
GSL-IB4
SNA
SSL
GS-II (EY Lab)
HHA(EY Lab)
MAL-I
Sp Serotype 14 Gal
PTA Gal
VGA(EY Lab)
SSL1-288
AOL (Mahal Lab)
AAL
WGA
MPL
WGA(Seikagaku Bio)
Native HPA
mouse Gal-1
human Gal-9
human Gal-7
PTA Y198
Mpk
Mono2R-CNL
Mouse Galectin-1
Mono1-CNL
Mono1-LNL
CnSerpin
DC-ASGPR-Fc
ME7(detected with a-SUD)
ME5(detected with hu-IgG)
VVHA
Conn
Galectin-1
Mono2W-CTB
ABA
Human Galectin1
RCA(Vector)

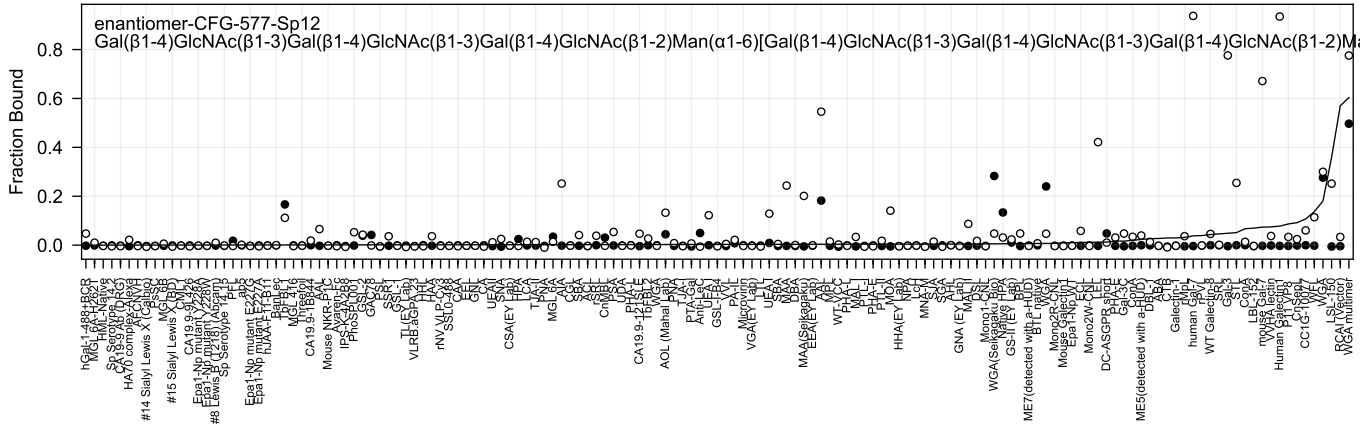

enantiomer-CFG-573-Sp24
Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(β
Fraction Bound
0.0
0.2
0.4
0.6
hJAA-F11
ABA
VGA(EY Lab)
SSL0-288
Microvirin
TNL
ACL
MGL-6B
PhoSL-06
UEA-I
PTA
PTL-I
GSL-I
GNL
EBL
GSII (EY Lab)
CA19-9 Ab (DRG)
VVA
CA19-9 Gal-426
Sp Serotype 14-2
#15 Sialyl Lewis X (Calbiochem)
AFCVIA
#14 Sialyl Lewis X (Calbiochem)
CA19-9-127
GNA
AOL (Marine Lab)
PHA-L
VLRB.aGFP
VLRB.aGFP
CA19-9-GM1
CA19-9-A2288
PSL-K-A2288
TJA-I
UEA-I
GSL-I-B4
PNA
EEA(EY Lab)
Epa1-Np mutant Y226A
Epa1-Np mutant Y226A
Mouse NKR-P1C
#8 Lewis B (T218) (Abcam)
AVAnnexin
PFC
MGL-6A
SBA
PNA
Epa1-Np mutant E225A
Epa1-Np mutant E225A
TJA-II
MGL-6A
MAA
PNA
NPA
LBA
SBA
CSA
PHA-E
AIA
Epa1-Np mutant E225A
Epa1-Np mutant E225A
rNV VLP
ACL
AKA
HML-Native
SBL
CSA(EY Lab)
Monoclonal
Tiger Eye
Epa1-Np mutant Y226A
Mouse Y226A
HA70 complex-Alexa
hGal-1488-BCR
Monoclonal
ZAP-70
MACH
HHA(EY Lab)
WGA(Seikagaku Lab)
CTB
CTL
MNA
MOA
PTL-II
PTL-I
Sp Serotype 14-2
DC-SIGNR short
MAA(Seikagaku)
PVL
GNA (EY Lab)
Native HPA
ME5(detected with a-LD)
ME7(detected with EY Lab)
Anti-LGE
SNA
DSL-1
WT Galectin-1
BTL-A
Mouse Galectin-1
DSL-1
CnME
Galectin-1
Epa1-Np mutant
STL
VVHA
Galectin-3
WT Galectin-3
PTL-II
VIA
human Gal-1
hGal-1
CC1G-10077
Human Galectin-1
mouse CgnA
PWL
RCA1 (Vector)
WGA (Sigma)
Gal-3

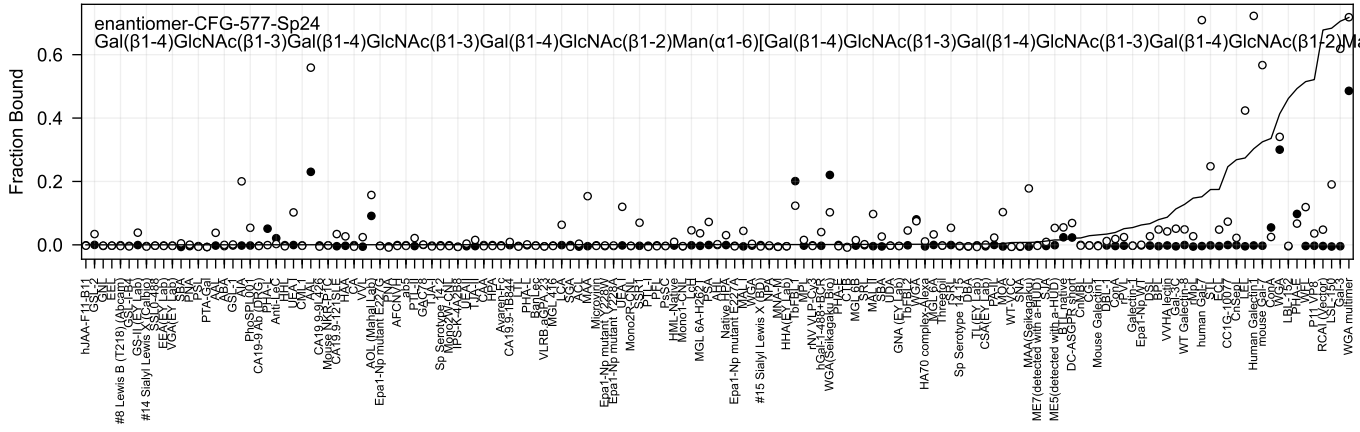

enantiomer-CFG-574-Sp24
Neu5Gc(α2-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Neu5Gc(α2-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4
Fraction Bound
0.0
0.2
0.4
0.6
hJAA-F (11-B1)
UEA1
TL(EY Lab)
PNA
GS-II (EY Lab)
PTA
PSA
SBA
SNA
EEL
DBA
ACA
AAL
AAA
Epa1-Np mutant Y227F
Epa1-Np mutant Y227C
Threefold
Fucetoxin
HA70 complex-A/X2
HA70 complex-A/X4
LCA
WFL
VLRB aGFP
VLRB aGFP 2
AIA (EY Lab)
VVGA
GNA
GSL-I-B4
#14 Sialyl Lewis X (Calbio)
#8 Lewis B (TZ216) (AbFlex)
CA19-9 Ab(BioLegend)
CA19-9 Ab(BioLegend)
Epa1-Np mutant Y227C
Epa1-Np mutant Y227F
Mouse NK-92 cells
#15 Sialyl Lewis X (Bap)
WGA
Sp Serotype 27
Epa1-Np mutant E227G
Epa1-Np mutant E227A
EEA(EY Lab)
GSL-I-A4
UEA1
VFA
EPA
EPT
GNA
MOA
Microvirin
PaSC
BanLec
MAL-II
NPA
AOL (Mahal. Lab)
CA19-9-SBA
SBA
PTL-I
MGL-1B
MGL-1A
MVA
ECA
MGL 6A-H
ECA
Epa1-NSSR
TDFB11
Epa1-Np mutant
CFME-Nonvirx
WPS
Sp Serotype
SLA
ORA
Mono1
PHA-L
CA19-9-12
SLE
Native UEA
VVHA
Jacalin
IPS-KAC88
ASL
GNA (EY Lab)
MOA
SBA
GSL-I-B4
Mono2W-CRD
PWM
CA19-9-1B844
hNV1-TB42
hNV1-TB42
hGal-1-488
PHA(EY Lab)
CLMBL
WGA(Seikagaku)
WT Galectin-9
Galectin-1
Galectin-3
CTB
RCAI (VP-162)
DC-ASGPR sample
WT-YCD
ME5(detected with a-HUD)
ME7(detected with a-HUD)
Mouse Galectin1
Dectin-1
CoCA
SSL-1-488
hTL-1
human SNA
LSL-1-488
MAL
MAA(Seikagaku)
Human Galectin1
WT Galectin1
mouse Gal-7
CoCA
PHA-E

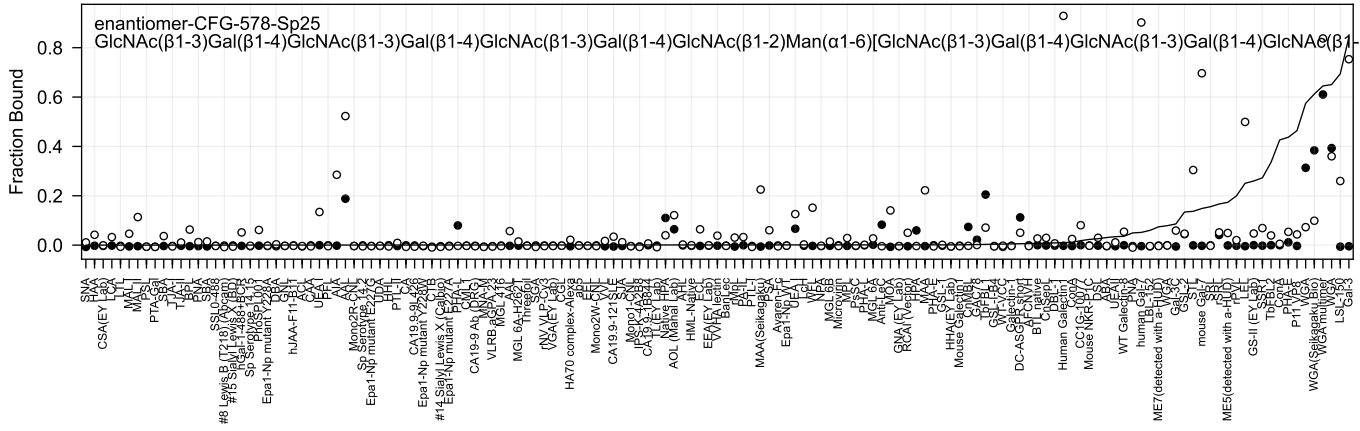

enantiomer-CFG-575-Sp24
Fuc(α1-2)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Fuc(α1-2)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc
Fraction Bound
0.0
0.2
0.4
0.6
GNL
NPL
GSL-B4
Thrombol
#14 Sialyl Lewis X (Galectin)
#15 Sialyl Lewis X (ABL)
CA19-9 Ab (PRO)
PhoSL
SBA
VVA
HAA
Ann-1
BlsE-1
#8 Lewis B (T218) (AbCam)
EEA(EY Lab)
Epa1-Np mutant (Y288)
Epa1-Np mutant (Y288)
GACA
Sp Serotype 14
Sp Serotype 12
Mouse NK8-PTC
CA19.9-Ab (Lab)
IPS-K-4-2D5
ACA
aOS
PTA
Sp Serotype 14
Epa1-Np mutant E22
Epa1-Np mutant E22
CA
PAA-I
PAA-II
MAA(Seikagaku)
hAA
Mono MAb
CA19.9-1-PR2
CA19.9-2-SLE
GS-II (EY Lab)
PSA
MGL
MGL 6A-PAD1
DBA
VLRB.aGPC3
Mono2R-CAT
NAA-I
WGA
PSSC
HA70 complex (SIGMA)
HMI-Native
hGal-1-488+PBS
UEA
PHA-E
PHA-L
Epa1-Np WT
Epa1-Np mutant
Mono2W-CSN
MGL 6A
CVN
SNA-I
HHA(EY Lab)
DOPB-1
Banlec
LEL
GNA (EY Lab)
MAL
SNA-II
PNA
WGA(Seikagaku)
TL(EY Lab)
SEA
CSA(EY Lab)
CTB
LPA
Mouse Galectin-3
SGA
ME7(detected with a-HUD1)
WTA
MOA
BTL
SNA
Cnn
PNA
DC-ASGPR
ANA
STL
CGB
nVV
LSL-2-59
Galectin-1
ME5(detected with a-HUD1)
WT Galectin-3
Gal-3-S
UEA
PTA
PTA-Pa
CC1G-10077
Human Galectin-1
RCAI (VOLT)
UEA-I
WGA
AOL (Matrix Lab)
mouse Gal-7
WGA mutant
PHA-E
Gal-7
human Gal-3
Gal-3

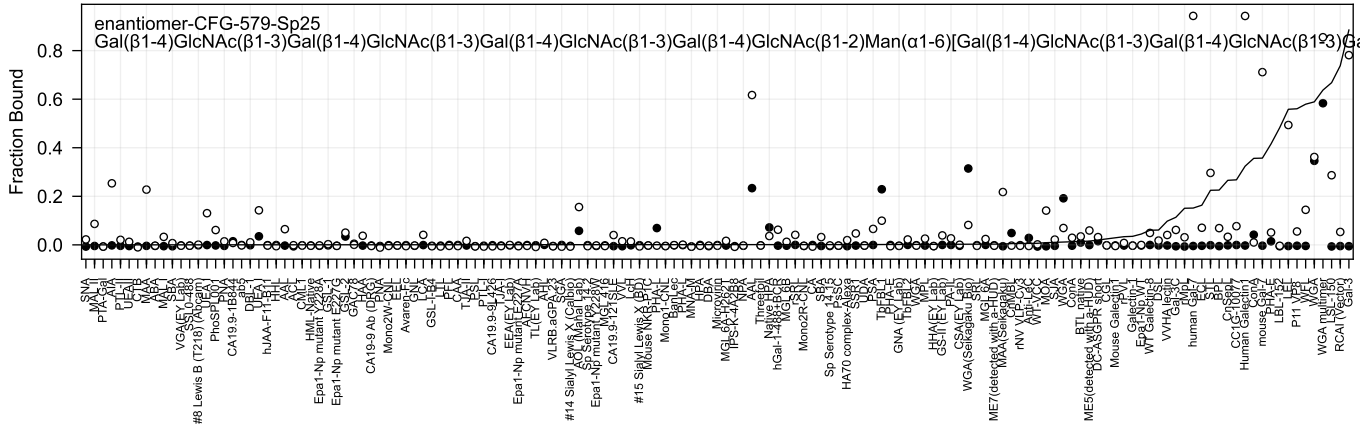

enantiomer-CFG-576-Sp12
GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4
Fraction Bound
0.0
0.2
0.4
0.6
0.8
#15 Sialyl Lewis X (BD)
CGT
CGT
PhoSP
Sp Serotype 14-2
WGA 1-2
HA70 commercial
#8 Lewis B (1218) (Alocana)
Sp Serotype 14 (Leebal)
WGA CB
hJAA-F11-B11
PSA
HAT
HAT (NIV)
Epa1-Np mutant E399Q
MGL 6A-H (Vector)
BFL
Epa1-Np (CA19.9-G2/2)
Epa1-Np mutant Y-G2/2
#11-Sialyl Lewis X (Calbiochem)
Epa1-Np mutant (CA19.9-G2/2)
hGal-1-48-ECR
BFL-1
CA19.9-Ab (DSHB)
CA19.9-Ab mutant (DSHB)
Epa1-Np mutant (CA19.9-G2/2)
MGL 6A
CA19.9-DSH44
CA19.9-Ab
VVHA(Leubl)
EEL
IPS-K-4-A2BB
LBL-32
TbFBP
TNA
Epa1-Np
BP
EAA
CSA(EY Lab)
PHEL
TJA-I
VLRB.aGPA23
CSA
LCA
UEA
MAA
PNA
PSA
WGA
Avarol(HPA)
EEA(EY Lab)
PHA-L
PHA
Mouse NKR-P1C
ECL
AOL (Makalab)
MAA(Seikagaku)
PHA-E
GNA (EY Lab)
WFL
CnBL
UEA-I
PTA-Gal
HHA(EY Lab)
PTA-Man
MAL
MOA
DBA
PHA-P
TxLC-I (EY Lab)
BTL (EY Lab)
VGA
CCG-GST-2
Microvirin
MNA-M
SJA
VGA(EY Lab)
SSL1-488
RCA (Vector)
WFA
Ape
CnSepa
CoDA
OAA
UEA-II
Mono2R-ORL
Mouse Galectin1
Mouse Galectin3
Native HPA
human Gal-2
DC-ASGPR s(001)
ME7(detected with DSHB)
Human Galectin1
PSA-E
STL
Mono2-Vector
mouse Gal-7
GSL-I-B4
ME5(detected with DSHB)
NW LEH-D3
ABA
P11
SNA
GS-II (EY Lab)
WT Galectin-8
WGA(Seikagaku) (Lot 1)
LSL-1 (Lot 1)
SSA(2)
TbFBP
BVL
ISBL
WGA
WGA multimer

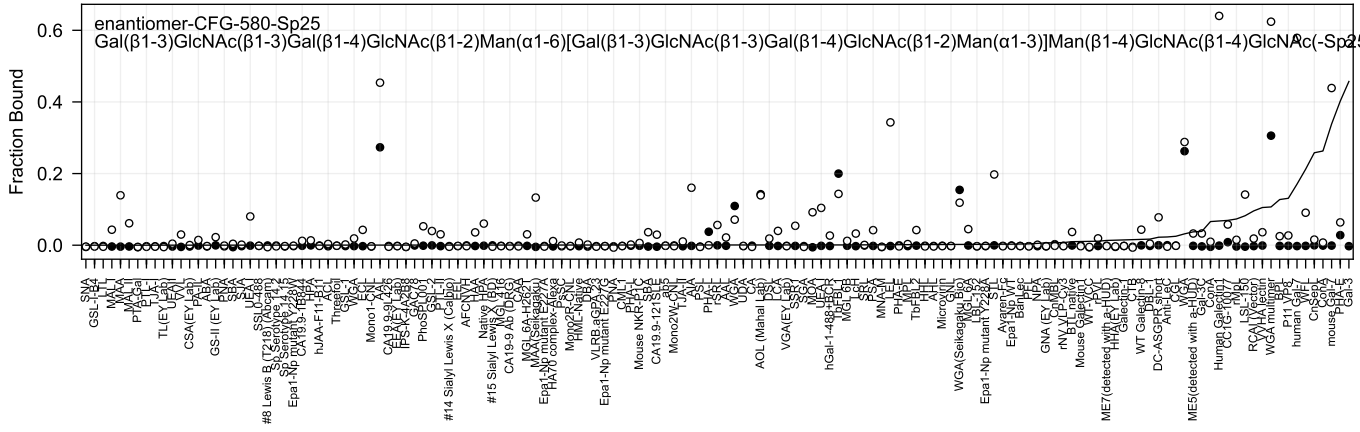

enantiomer-CFG-576-Sp25
GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4
Fraction Bound
0.0
0.2
0.4
0.6
0.8
#15 Sialyl Lewis X (BD)
#8 Lewis B (T218) (Abcam)
#14 Sialyl Lewis X (Calbiochem)
AOL (Mahal Lab)
Epa1-Np mutant E223C
Epa1-Np mutant Y288C
Sp Serotype 14
Sp Serotype
Epa1-Np mutant
Epa1-Np mutant E223C
human Gal-7
Mouse NKR-P1C
ME7(detected with a-PUD)
WT Galectin-3
ME5(detected with a-PUD)
mouse Gal-7
GS-II (EY Labs)
WGA(Sakaguchi Bio)
WGA(Vector Lab)
Lsn-M
WGA
Gal-3

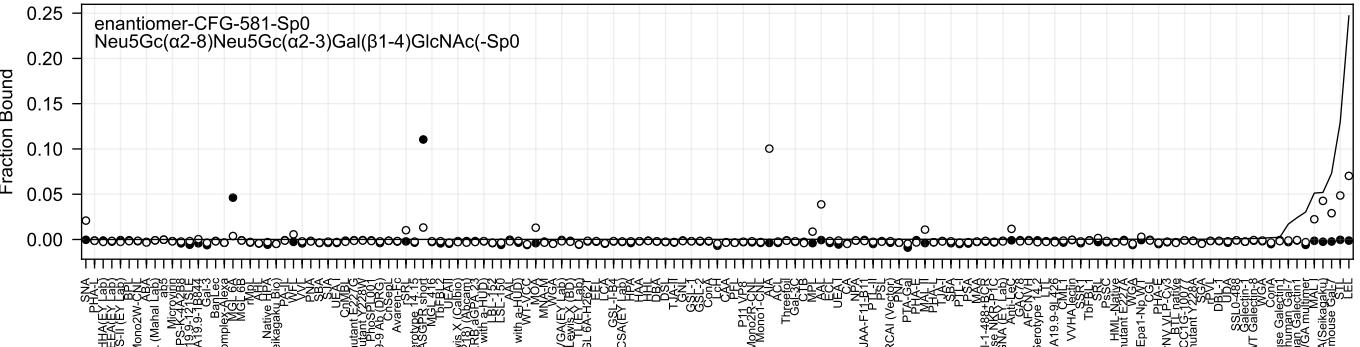

enantiomer-CFG-577-Sp12
Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Ma
Fraction Bound
0.0
0.2
0.4
0.6
0.8
hGal-1-489-BCR
VAG1-6A-1282A
HML-Native
Sp Serotype
CA19-9-10-PDG
HA/70 complex
#14 Sialyl Lewis X (Calbiochem)
MG-SB
#15 Sialyl Lewis X (BD)
CA19.9-9-426
Epa1-Np mutant Y228A
Epa1-Np mutant Y228A
#8 Lewis B (1218) (Acorn)
Sp Serotype
PHA
Epa1-Np mutant E222A
Epa1-Np mutant E222A
hJAM-1-Bam-sc
TbTB1
MUC1 (Tiebag)
CA19.9-10-BAA
Mouse NKR-P1c
IPS-CA-0288
PhoSL (SL01)
GK-28
SSR1
SSL-1
TL (EY Lab)
VLRB.aGP.439
HIT
rNV-uL-243
SSL-CA3
EEL
EEA
UEA
USA
CSA(EY Lab)
TCA
TFA
PNA
MGL-CA
CGA
SBA
CGB
SBB
CHA
SNA
UDA
CA19.9-1-BSA
PTS-SLE
TBT-BA2
AOL (Mahal Lab)
TJA
AIA
PTA-Gal
UEA-1
GSL-I-B4
PALE
Mouse (Kuan Lab)
VGA(EY Lab)
UEA-1
SBA
DBA
MAA(Seikagaku)
EEA(EY Lab)
ABA
WT
MPL
PHA-L
WAL-1
PHA-E
MOA
HHA(EY Lab)
NPA
MNA-M
SJA
SGA
GNA (EY Lab)
MASL
Monod-CNL
WGA(Seikagaku)
Native HPA
GS-II (EY Lab)
ME7(detected with a-HUD)
BTL
WXA
Mono2R-CNL
Mouse-SP-D
Epa1-Np-107
Mono2W-CNL
DC-ASGPR-mEL
RCA120
Gal-3C
ME5(detected with a-HUD)
DSA
ABA
CTB
Galectin-1
Galectin-3
human Gal-7
WT Galectin-8
Gal-3
Gal-1
CC-122
LBL-122
TWSA Gal-1
Human galectin-1
PNA
CC1G-1-0-01
WGA
WGA
RCA120
LSL (Vector)
WGA multimer

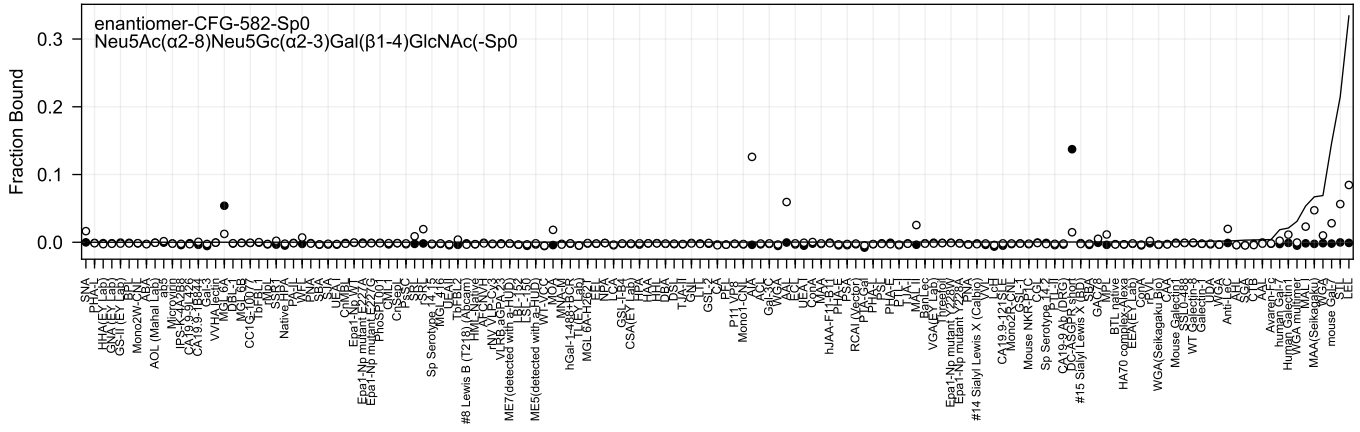

enantiomer-CFG-577-Sp24
Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Ma
Fraction Bound
0.0
0.2
0.4
0.6
hJAA-F11 B11
GSL-I
GNL
#8 Lewis B (T218) (Abcam)
GS-II (Vector)
#14 Sialyl Lewis X (Calbio)
EEA(EY Lab)
VGA(EY Lab)
PNA
PTA-Gal
ACL
ACA
GSL-I
PhoSpD_N/A
CA19-9 Ab (PDG)
AntiFuc
LFA
UEA-I
CA19-9-Ab
CA19.9-42a
Mouse NR-ST-10
CA19-9-121
SJA
VCA
AOL (Mahal Lab)
Epa1-Np mutant E222A
AFCNV
PTA-II
GAL73
Sp Serotype 12 F
Sp Serotype 14
MGSK14 Ab
UEA-II
TJA-I
CAA
HPA
Avarol
CA19.9-TB44
PHA-L
PHA-E
Bandeiraea
VLRB.a.416
MGL 416
SCA
ACA
MOA
Microvirin
Epa1-Np mutant Y229A
Epa1-Np mutant D224A
Monoclonal
Mono2RSR1
PSA
PHL
PsSc
HMA
Mono-Valine
MGL 6A-HpSA
Epa1-Np mutant E222A
Native ABA
#15 Sialyl Lewis X (BD)
MVA-M
HHA(Lectinity)
TJ-II
MPL
rNV VLP
hGal-1-488-BSA
WGA(Seikagaku)
CTB
MGSA
MAL-II
UDA
GNA (EY Lab)
HA70 complex
MGL6A
Threspin
Sp Serotype 12 F
Sp Serotype 14
TJ-I(EY Lab)
cSA(EY Lab)
MOA
WT-SAP
MAA(Seikagaku)
ME7(detected with a-HUD)
ME5(detected with a-HUD)
DC-ASGPR sigt
CholGal
Mouse Galectin-1
DSA
Galectin-1
PHA-L
Epa1-Np-WT
BPL
VVHA
WT Galectin-8
human Gal-7
STL
CC1G-10047
CnSec
Human Galectin-1
mouse Gal-1
WGA
LBA
PHA-E
PHA-L
P11
VFL
RCA (Vector)
LscB
Gal-3
WGA multimer

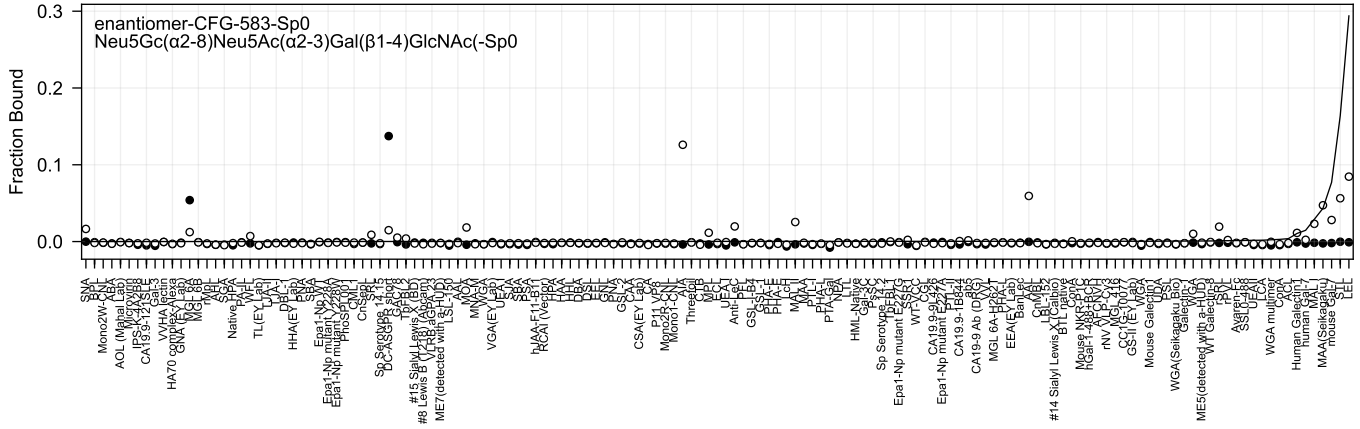

enantiomer-CFG-578-Sp25
GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-
Fraction Bound
0.0
0.2
0.4
0.6
0.8

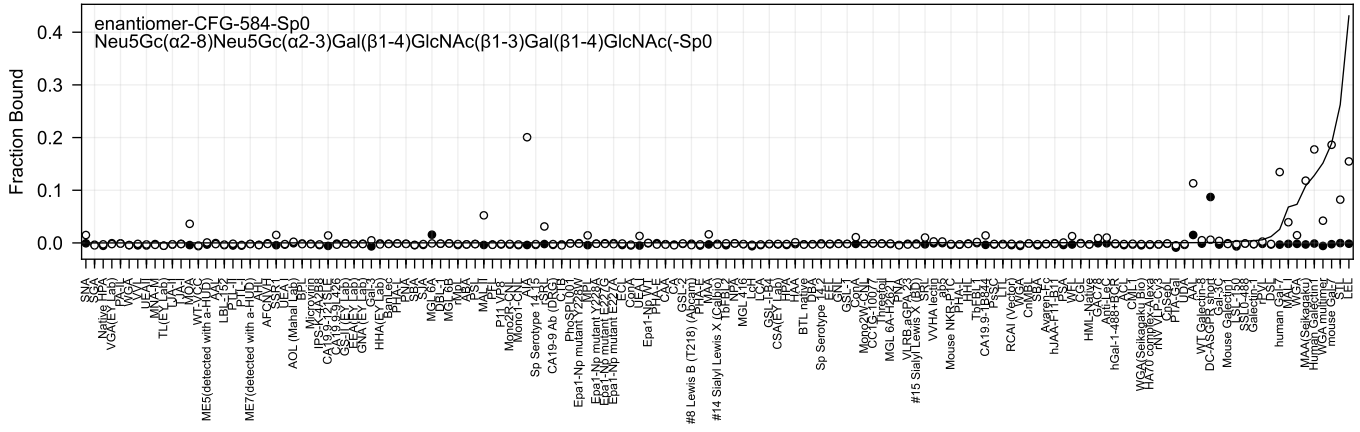

enantiomer-CFG-579-Sp25
Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Ga
Fraction Bound
0.0
0.2
0.4
0.6
0.8
SNA
PTA-Gal
PTA
PTL-I
UEA-I
MAA
MAL
VGA(EY Lab)
SSL-1-488
#8 Lewis B (T218) (Alpha)
PhoSL (Mo)
CA19.9-1B844
PhoSL (Bo)
PNA
hJAA-F11
HPA
ACL
CML
HMA
Epa1-Np mutant Y292A
Epa1-Np mutant GSL-1
Epa1-Np mutant GSL-2
GAL-2
CA19-9 Ab (DRG)
Mono2W-CNT
Avarol
GNL
GSL I-B4
PHA-L
TJA-I
CAA
TJA-II
CA19.9-J-72
PTL-II
EEA(EY Lab)
Epa1-Np mutant Y292A
Epa1-Np mutant GSL-1
TL(EY Lab)
ABA
VLRB.aGPC.23
#14 Sialyl Lewis X (Calbiochem)
AOL (Mahal Lab)
Epa1-Np mutant Y292A
Epa1-Np mutant GSL-2
CA19.9-V-72
SVA
#15 Sialyl Lewis X (BD)
Mouse NK B-1-FITC
Mono1-CNT
Banlec
MNA-N
DBA
MAH(Oxford)
MGL (Oxford)
PSA-4-K288
AAL
Threelectin
Naegleria
hGal-1-488-BCB
MGL-BCB
Mono2R-CNT
SBA
SJA
Sp Serotype 14 SJ
HA70 complex-Alexa
SSA
SNA
TEPA
BPA-E
GNA (Tu Lab)
WGA
DHA(EY Lab)
GS-II (EY Lab)
CSA(EY Lab)
WGA(Seikagaku)
Gal(Seikagaku)
Anti-Lec
WFA
WOX
VSA
CoNA
BTL (HUVS)
BTL (HUVS)
ME5(detected with DC-ASGPR slot)
DC-ASGPR slot
Dolichos
Mouse Galectin-1
HIV-1
Epa1-Np WT
WT Galectin-1
VVHA
Jacalin
Galectin-7
PWA
human Galectin-7
Galectin-8
Galectin-9
CrSGP
CC Lectin
Human Galectin-7
CoNA
mouse Galectin-7
LBL-1
LBL-2
P11
VFB
WGA
WGA multimer
RCA I (Vector)
Gal-3

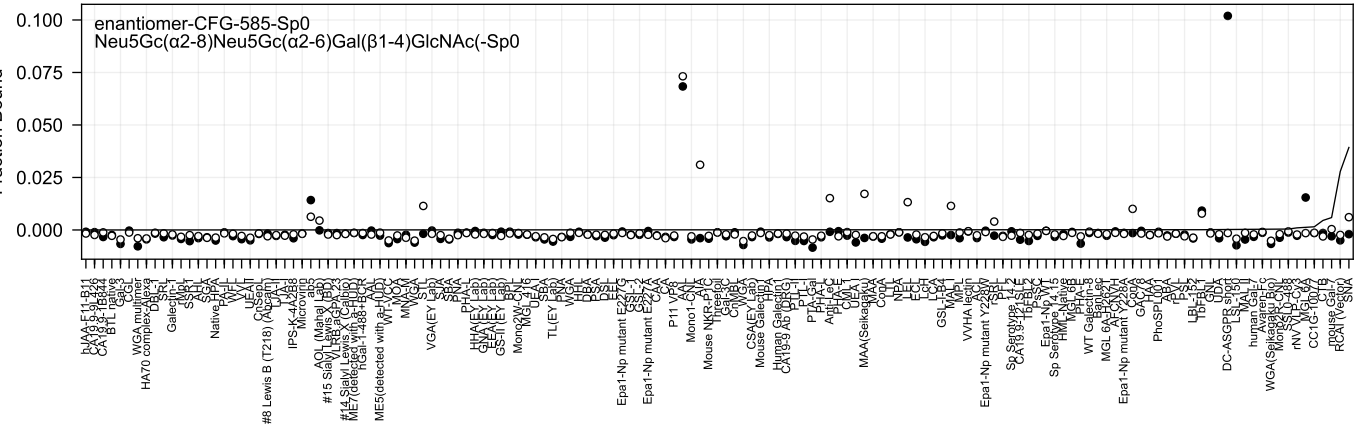

enantiomer-CFG-580-Sp25
Gal(β1-3)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Gal(β1-3)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(-Sp25
Fraction Bound
0.0
0.2
0.4
0.6
SNA
GSL-I-B4
TJA-I
MAL
MAA
PNA
Galectin-1
ETA
TL(EY Lab)
UEA-I
CSA(EY Lab)
ABA
GS-II (EY Lab)
SBA
LEA
#8 Lewis B (T218)
SSL-1-488
B Serotin (Neo-271)
Epa1-Np Serovar 1 Y25
CA19.9-FE844
hJAA-F11-P21
ACL
Thomsen-Friedenreich
WGA
Mono1-CNL
CA19.9-9-42a
CA19.9-Ab (IgG)
FBS-A-488
FBS-A-Lab
GAL3
PhoSL(Q1)
PHL-1
#14 Sialyl Lewis X (Calbio)
AFCNV-1
Native HPA
#15 Sialyl Lewis A (Ab10)
CA19.9 Ab (IgG)
MGL-6A-H261
MAA(Sentegra)
Epa1-Np mutant E292A
HA370 complex-A/Sp4
Mono2R-CNL
HML-Native
VLRB.aGP1-23
Epa1-Np mutant E292A
CML-1
PNA-1
Mouse NKR-P1C
CA19.9-121-SP5
Mono2W-CNL
ABP
ACA
PHA-E
PHA-L
RCA
SNA
VICA
UCA
PCA
AOL (Mahal Lab)
LCA
VGA(EY Lab)
SGA
UEA-I
MAA
hGal-1-488
TBP-1
MGL-6A
SBT
PSA
MNA-M
LEL
PWM
TbPBL-2
AHL
Microvillin
WGA(Seikagaku)
Bjo
LBP-1-488
Epa1-Np mutant Y292A
Avarol-FE
Epa1 Bap Vrt
BEP
BEL
GNA (EY Lab)
CaMBL
rNV-LectinA
BTL-Native
Mouse Galectin-1
ACVP
ME7(detected with a-Sialyl Lab)
HPA(EY Lab)
Galectin-3
WT Galectin-3
DC-ASGPR Short
Anti-Lec
WGA
ME5(detected with a-Sialyl Lab)
ConA
Human Galectin-7
DC-SIGN
RCA(Vector)
LSL(Vector)
WGA HA Heater
BPL
P11
human Gal-7
WFL
Cnx
ConA
mouse Galectin-7
BHL-E
Gal-3

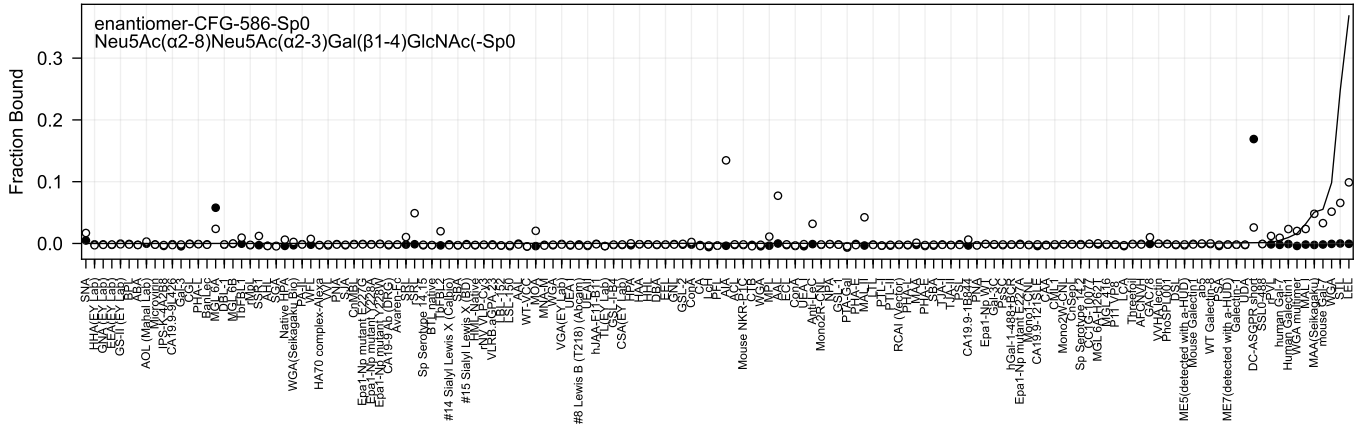

enantiomer-CFG-581-Sp0
Neu5Gc(α2-8)Neu5Gc(α2-3)Gal(β1-4)GlcNAc(-Sp0
Fraction Bound
0.25
0.20
0.15
0.10
0.05
0.00
SNA
PNA
HHA(EY Lab)
GS-II(EY Lab)
Mono2W
RCA
ABA
AOL (Marhal Lab)
ABA
Mcy-X
IPS-1-12
CA19-9-12
CA19-9-18
BGA
BanLec
HA70 complex
MGL-6A
MGL-6B
ABL
Native WGA(Seikagaku Lab)
PAL
VVL
SBA
SJA
UEA
CSA
Epa1-Np mutant E222Q
Epa1-Np mutant E222A
PhoSL
CA19-9 Ac(Seq)
Avarol
Sp Serotype 12,15
DC-SIGN
Man
Tra
#14 Sialyl Lewis X (Calbio)
#8 Lewis B (VCRB Lab)
ME7(detected with anti-HD)
LSL-1
ME5(detected with anti-VCD)
AAL
MVA
WGA
#15 Sialyl Lewis X(EY Lab)
MGL 6A(EY Lab)
PEL
GSL-I-A4
CSA(EY Lab)
ABA
ITA
DBA
DSL
TJA-I
GNL
GSL-I
ConA
CAA
PFL
P11
Mono2R
Mono1
ACL
Tra
Gal
GTB
AAL
UEA-I
CA
hJAA-F11
PHA-E
PHA-L
RCAI (Vector Lab)
PTA
PNA
PHA-E
PHA-L
VVL
SBA
PSL-I
MAA
NGA
NGal-14881
BYR
MGA(EY Lab)
ACA
APSNV1
Sp Serotype 14
CA19-9-9
CA19-9-11
VVHA(Seq)
TbSBL1
SSL
PAL
HML-Native
Epa1-Np mutant E222A
Epa1-Np WT
PhoCE
rNAV1-D-D3
CC1G-10009
Epa1-Np mutant Y228A
BVL
DSL
DBA
SSLO-188
WT Galectin-1
Galectin-3
CCA
Mouse Galectin-1
Human Galectin-1
WGA mutant
MAA(Seikagaku)
mouse Galectin-1
LEL

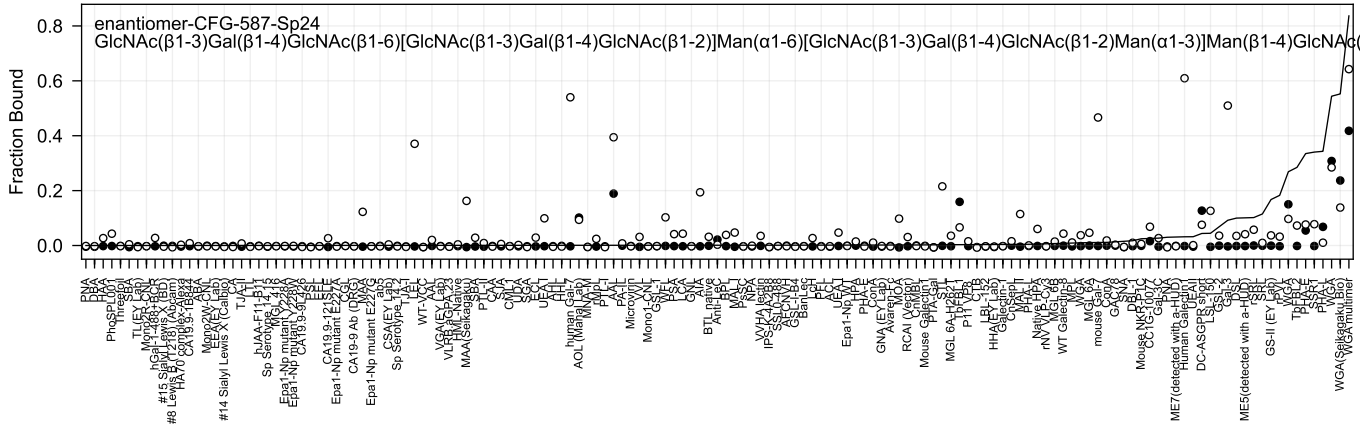

enantiomer-CFG-582-Sp0
Neu5Ac(α2-8)Neu5Gc(α2-3)Gal(β1-4)GlcNAc(-Sp0
Fraction Bound
0.0
0.1
0.2
0.3
SNA
PNA
HHA(EY Lab)
GS-II (EY Lab)
Mono2W_BNL
AOL (Mahal Lab)
ABA
Mcy2YBB
JFS2-F1-223
CA19.9-F1-223
Gal-3
VVHA(Lectin Tech)
MGL-1
MOR-04
CC1(Lectin Tech)
ToPBL-1
SSBT
Native-PBA
KVF
SBA
SIA
UEA
Chi-B
Epa1-Np mutant Y259A
Epa1-Np mutant E272G
PhoSL
CnSL
CrSL
SBL
PSL
Sp Serotype 14
MGL-1-418
TcBL-1
#8 Lewis B (T21R) (Lectin Tech)
WGA(Lectin Tech)
VFB
VVL
VLN & AGP-23
LSL-156
LSL-158
ME7(detected with anti-HuD)
ME5(detected with anti-HuD)
MOA
MAL
hGal-1-488-BCR
MGL 6A-F1-223
BEL
NCA
GSL-I-B4
CSA(EY Lab)
HPA
HAA
DBA
TJA-I
GNL
PCA
GSL-I-A4
PTA
PI1
VFB
Mono1-CNA
ACL
Gal-7
WGA
ACA
ECL
UEA-I
KOA
NPA
hJAA-F1-223
PHA-E
PSA
RCA(Vector Lab)
PHA-L
PHAT
PHAE
E-PA
MAL-II
VGA(EY Lab)
Epa1-Np mutant Y259A
Epa1-Np mutant Y259A
#14 Sialyl Lewis X (Calbiochem)
VVL
CA19.9-1F1-SLE
Mono2-SLNT
Mouse NK
PTL-I
Sp Serotype 14
CA19.9 Ab (Dr. Ito)
DC-ASGPR (Spot)
#15 Sialyl Lewis X (BD)
GAL8
BTL (Native)
HA70 cobra (Alexa)
EEA(EY Lab)
CGN
WGA(Seikagaku Biol)
CAA
Mouse Galectin-1
SSL-28
WT Galectin-3
Galectin-3
VIA
Anti-Lac
ASL
AEL
CTB
LCA
Avarol-Fc
human Gal-7
Human Gal-1
WGA mutant
MAA(Seikagaku)
MAL I
Gal-9
mouse Gal-7
LEL

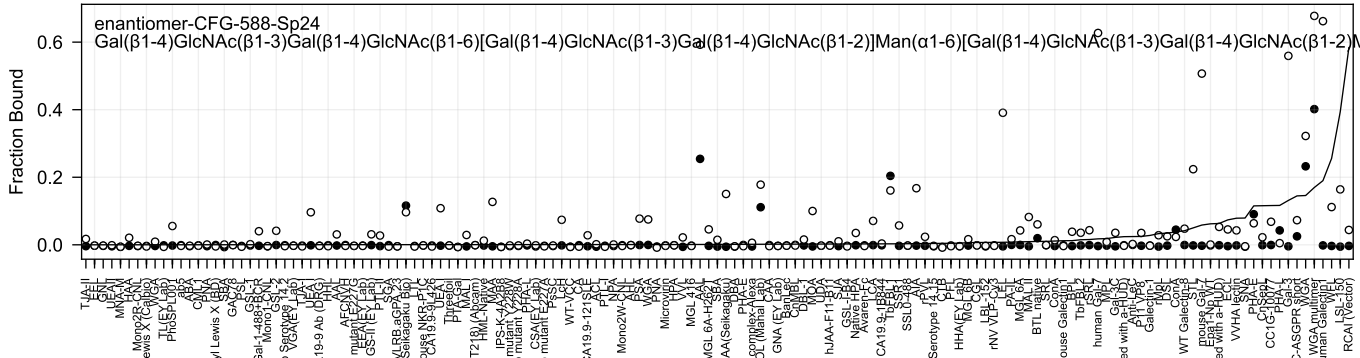

enantiomer-CFG-583-Sp0
Neu5Gc(α2-8)Neu5Ac(α2-3)Gal(β1-4)GlcNAc(-Sp0
Fraction Bound
0.3
0.2
0.1
0.0

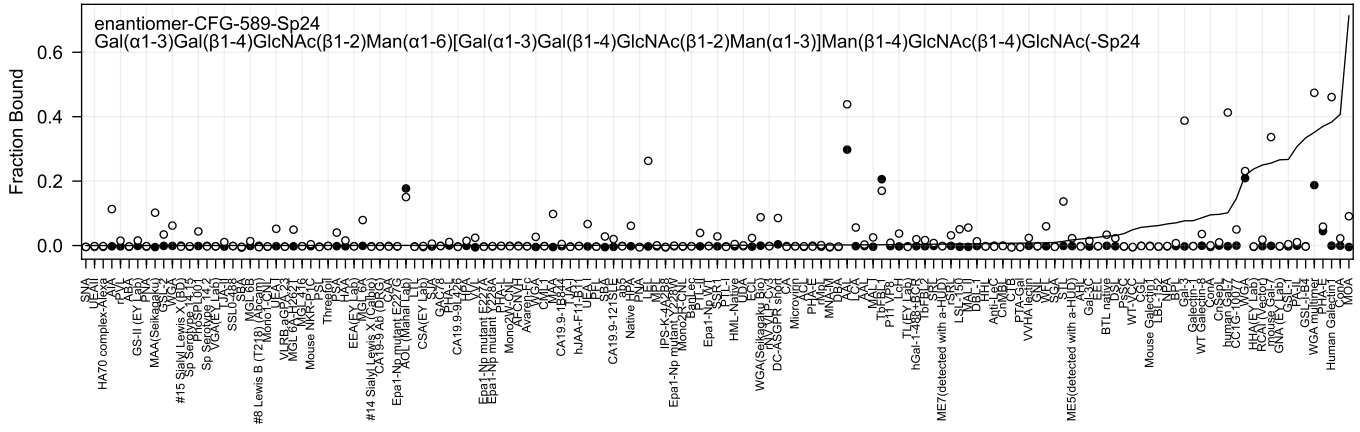

enantiomer-CFG-584-Sp0
Neu5Gc(α2-8)Neu5Gc(α2-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(-Sp0
Fraction Bound
0.0
0.1
0.2
0.3
0.4
SNA
SNA
Naive HPA
vGA(EY Lab)
PNA
WGA
ECA
TL(EY Lab)
UEA1
LCA
MOA
WT Galectin-1
ME5(detected with a-HUD)
ME7(detected with a-HUD)
AOL (Mahal Lab)
MAA
PHA-L
PHA-E
SBA
SJA
GalNAc-1
MOA
ABA
MAL II
P11
Mono2R-CONT
Mono1-CONT
Sp Serotype 14-25
CA19-9 Ab (ORG)
PhoSPC
Epa1-Np mutant Y228V
Epa1-Np mutant Y228A
Epa1-Np mutant E227A
Epa1-Np mutant E227Q
ECA
GFA
Epa1-Np WT
CAA
GSL-2
#8 Lewis B (T218) (Abcam)
MAA
#14 Sialyl Lewis X (GAB12)
NPA
MGL 4-9
GSL-1
CSA(EY Lab)
BTL
BTL native
Sp Serotype 14-2
GFL
GSL-1
Mono2W-CONT
CCTG-10077
MGL 6A (TB284)
#15 Sialyl Lewis X (Bio)
VLRB.aGP.Fc
VVHA lectin
Mouse NKR-P1
PHA-L
CA19.9-TB244
TSC
RCAI (Vector)
CnNE
Avarol
hJAA-F11
WFL
WFL
HML-Nature
GAL78
hGal-1-488-BCR
ACL
CNL
WGA(Seikagaku) (Bio)
HA/0 cell (Nature)
NW(Pierce)
PTL-I
PHA-E
WT Galectin-1
DC-ASGPR s/sgt
Mouse Galectin-1
SSL-188
Galectin-1
DSL
human Gal-7
WGA
MAA(Seikagaku)
HA/0 cell (Nature)
WGA multimer
mouse Gal-7
LEL

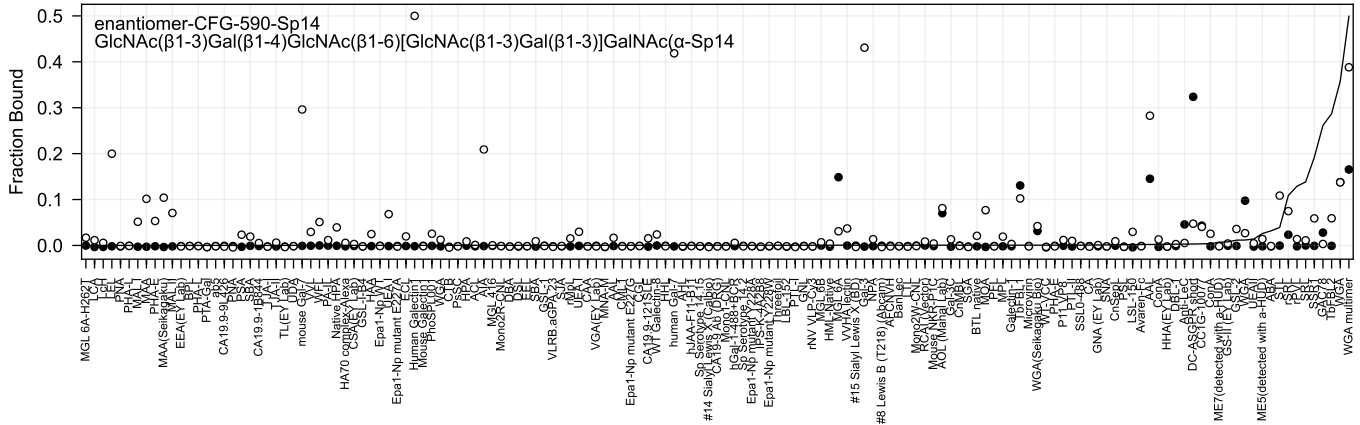

enantiomer-CFG-585-Sp0
Neu5Gc(α2-8)Neu5Gc(α2-6)Gal(β1-4)GlcNAc(-Sp0
0.100
0.075
0.050
0.025
0.000

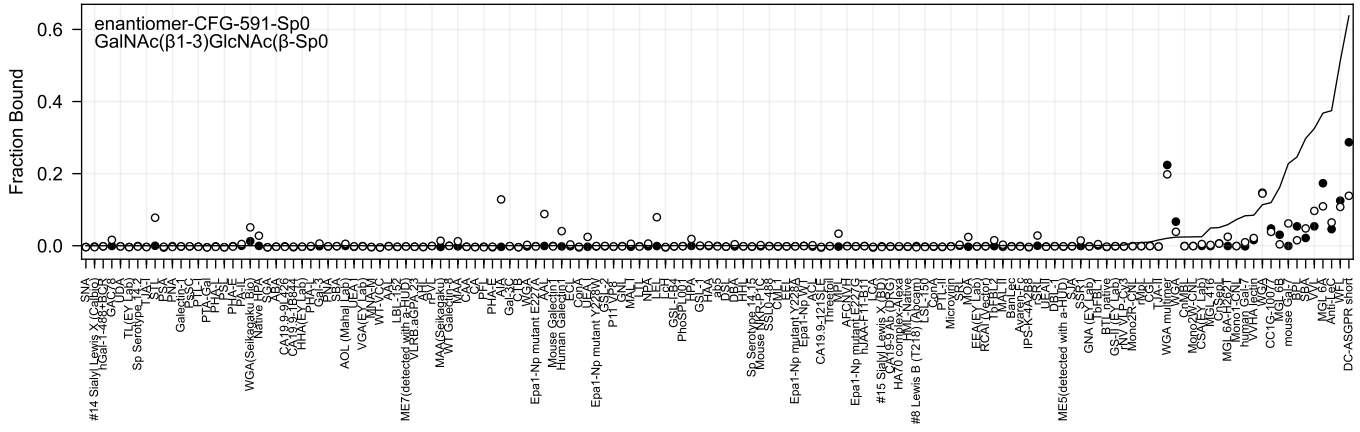

enantiomer-CFG-586-Sp0
Neu5Ac(α2-8)Neu5Ac(α2-3)Gal(β1-4)GlcNAc(-Sp0
Fraction Bound
0.0
0.1
0.2
0.3
SNA
SNA(EY Lab)
GNA(EY Lab)
GSII(EY Lab)
BPL
BEA
AOL (Mahal Lab)
JFS-PA(X268)
CA19.9-S(X228)
CGL
PNA
ECL
Bap-6A
MGL-6A
TBT-1
SSA-1
SSB-1
SGA
Native HPA
WGA(Seikagaku)
PAA II
DSL
HA70 complex-AWF
PWF
SNA
CCL
Epa1-No mutant(Y228)
Epa1-No mutant(Y228)
Epa1-No mutant(Y228)
CA19.9-Ab (GRO)
Avarol
EEL
SBL
Sp Serotype 14 15
TcFBP1
TcFBP2
#14 Sialyl Lewis X (Calbio)
#15 Sialyl Lewis X (Calbio)
(NV)-Sp3-x3
VLRB-Sp1-x3
LSL-150
WT-ACL
MVA
MVGA
WGA
VGA(EY Lab)
#8 Lewis B (T218) (Abnova)
hJAA-E17-B1
TGL (EY Lab)
CSA(EY Lab)
ITA
DBA
DBL
EEL
GSII-B4
GSII-A
CoPA
LCA
PSA
PAL
Mouse NKR-ACL
CTB
WGA
ACL
AAL
ECL
OFA-I
ANL
Mono2R-CGL
SNA-I
SNA-II
PPA-Gal
MAL-I
PTL-I
PTL-II
RCA I (Vector)
MAA
PNA
SBA
TJA-I
TJA-II
PSL
CA19.9-1-BNA
BNA
Epa1-No Vol
Gp-ACL
PaSSC
hGal-1-489-E2
Epa1-No mutant(Y228)
Mono1-SNL
CA19.9-12-SAA
SAA
CGL
Mono2N-CGL
CNSepR
Sp Serotype 12
MGL-6A-1261
MGL-6A-0261
PHA-E
PHA-L
Tjimex-A
APSNV-L
Galectin-1
VVH-Galectin
PhoSP-D(01)
ME5(detected with a-HUD)
Mouse Galectin-3
WT Galectin-8
ME7(detected with a-HUD)
Galectin-4
DC-ASGPR sp1
SSL1-P8
human Gal-7
Human Gal-1
WGA mutant
MAA(Seikagaku)
MAL-I
mouse Gal-1
Gal-7
SGA
LEL

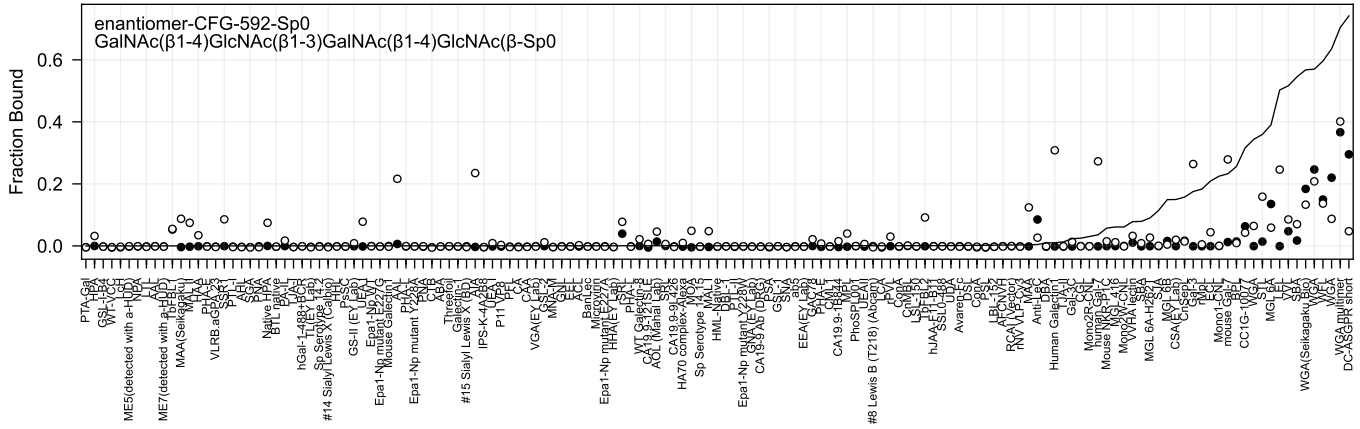

enantiomer-CFG-587-Sp24
GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-6)[GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)]Man(α1-6)[GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(
Fraction Bound
0.0
0.2
0.4
0.6
0.8
PNA
DBA
UDA
PhoSL
Thrg(p)
SBA
TL(EY_Lab)
Monon_CON
hGal-1_CON
#15 sialyl Lewis X (TBD)
#8 Lewis Y (2188) (Axiogam)
HA/70 (Calbiochem)
CA19.9-T8844
Mono2W-ORA
EEA (EY_Lab)
#14 Sialyl Lewis X (Calbio)
TJ-Act
TJ-Act
hJAA-F11-418
Sp Serotype_4-418
Epa1-Np mutant Y228A
Epa1-Np mutant Y228A
CA19.9-K2228
CA19.9-T8844
EEL
EEL
CA19.9-1218-SLE
Epa1-Np mutant E229A
CA19-9 Ab (DRG)
CA19-9
Epa1-Np mutant E229G
CSA(EY_Lab)
Sp Serotype_14-2
TEL
TEL
WT-AOL
VGA(EY_Lab)
VLA(EY_Lab)
HMA(Native)
MAA(Seikagaku)
PTL-1
CNA
CNA
SSA
UEA-1
UEA-1
ACL
ACL
human Gal-7
AOL (Mania Lab)
MAL
MAL
PAL
PA-IL
PA-IL
Microcyst
Monos-CON
WFL
TCA
CNL
CNL
AAL
BTL native
Ant-PBL
PBL
KAL-1
NPX
VVHA (Lab)
IPS-LEC-488
SSA-488
GSL-I-B4
BanLec
PeA
LCA
LEA
Epa1-Np WT
PHA-E
PHA-L
GNA (EY_Lab)
Alvaria-PE
MOA
RCAI (Vector)
CRMBV
Mouse Galectin-1
MGL 6A-TS11
MGL 6A-TS11
PTL-1
PTL-1
CTB
LBL-1-52
HHA (Lab)
Galectin-7
Galectin-7
OAA
PHA-L
PHA-L
nNAP-2-273
nNAP-2-273
MGL-B6
WT Galectin-9
WFL
MGL-6A
MGL-6A
KOH
KOH
GSL-I
GSL-I
SNA
Mouse NK-RBL-C
CCTA (Lab)
Galectin-7
PNA
ME7(detected with a-TS1)
Human Galectin-1
DC-ASGPR-DEAD
LSL-1-50
LSL-1-50
Gal-3
Gal-3
ME5(detected with a-TS1)
SBA
SBA
GS-II (EY_Lab)
PVL
PVL
TKH-2
TKH-2
PTA-1
PTA-1
WGA(Seikagaku)
WGA(Biotech)
WGA multimer

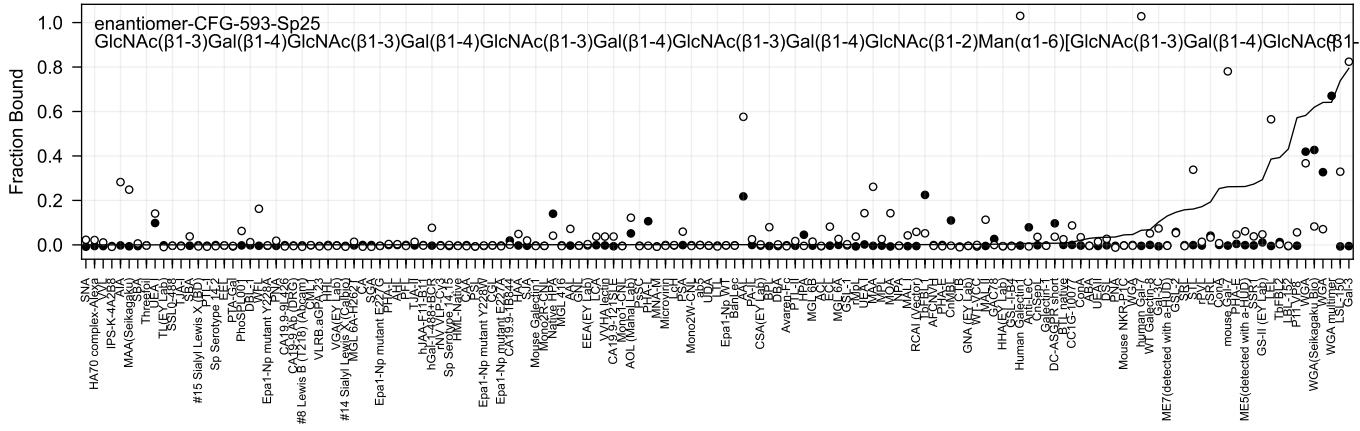

enantiomer-CFG-588-Sp24
Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-6)[Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)]Man(α1-6)[Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)]M
Fraction Bound
0.0
0.2
0.4
0.6
T-ALL
LEL
GNL
MNA-N
Mono2R-CAA
#14 Sialyl Lewis X (Calbio)
TL(EY Lab)
PhoSH-1001
ABA
CNA
#15 Sialyl Lewis X (BD)
GAL-6
GSL-I
hGal-1-488-BCR
Mono1SGL-1
Sp Serotype 14,15
VOA(EY Lab)
CA19-9 Ab (DEG)
HPL
AFP
Epa1-Np mutant E227G
GS-II (EY Lab)
PSA
SGA
VURB aGP 23
WGA(Seikagaku) (H)
Mouse NRS-1 2c
CA19-9 Ab (BD)
UEA I
PNA
Thyroglobulin
#8 Lewis B (T218) (Alpha)
MAL I
HMC(Native)
IPS-K-4-488
Epa1-Np mutant Y228A
Epa1-Np mutant Y228A
BTA-1
CSA(EY Lab)
Epa1-Np mutant F225C
PsSC
WT-VCC
CA19.9-121SCB
ACL
PNA
Mono2W-CNL
BSA
VGA
Microvilin
TVA
MGL 4-16
ACL
MGL 6A-H-262
SBA
MAA(Seikagaku)
DBA
PHA-E
HA70 complex-Alexa
AOL (Mahal Lab)
GNA (EY Lab)
Bauhinia
DBL-1
UDA
hJAA-F11-FITC
GSL-IB4
Navelin-FITC
CA19.9-IB2
TcBBL-1
SSL-SSA
PVA
Sp Serotype 14,15
CTB
HHA(EY Lab)
MCA
LBL-132
nNV VLP
Fel
PAL
MGL-1
MAL II
BTL lectin
ConA
Mouse Galectin-1
BPL
Tb-BSL
human Galectin-1
Galectin-2
Galectin-3
Galectin-4
Galectin-7
Galectin-8
OsSL
CSL
WT Galectin-9
mouse Galectin-9
Epa1-Np WT
ME7(detected with a-Epa1)
ME5(detected with a-Epa1)
EOL
VVHA lectin
PhaE
PhaL
CC1G-10667
PHA-L
DC-ASGPR sipoot
WGA
WGA mutant
Human Galectin-7
LSL-15b
RCAI (Vector)

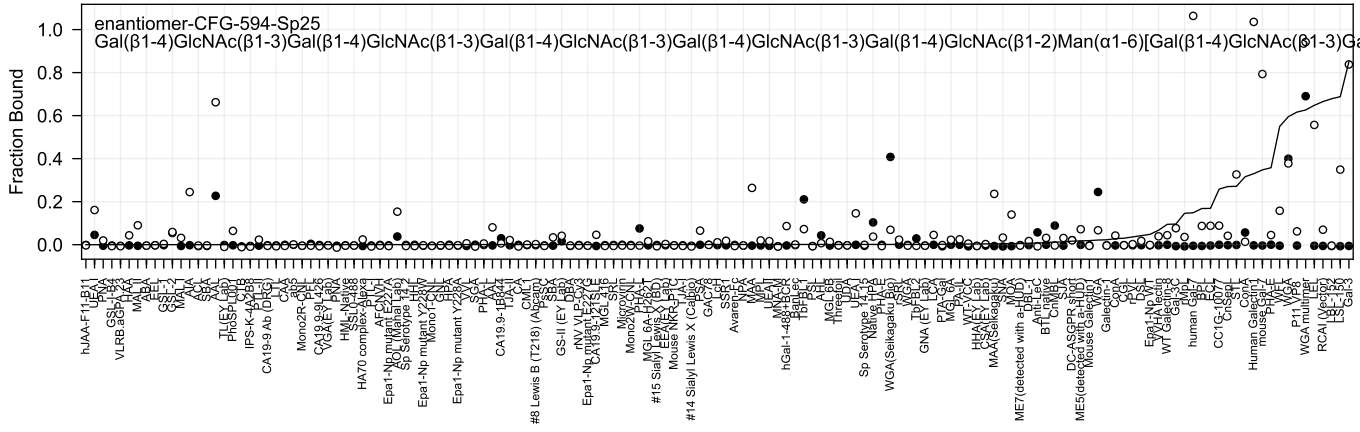

enantiomer-CFG-589-Sp24
Gal(α1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Gal(α1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)GlcNAc(-Sp24
Fraction Bound
0.0
0.2
0.4
0.6
SNA
UEA I
HA70 complex-Alexa
rPVF
ABA
GS-II (EY Lab)
PNA
MAA(Seikagaku)
#15 Sialyl Lewis X (Calbiochem)
Sp Serpin(rec.) 1-1-3
Sp Serpin(rec.) 1-1-2
Sp Serpin(rec.) 1-1-1
VGA(EY Lab)
SSL1-488
SBA
#8 Lewis B (T21B) (Abcam)
MGL-488
Mono UEA I
VLRB a-CF-22
MGL-647
MGL-718
Mouse NKR-P1C
Threoglu
HAA
EEA(EY Lab)
#14 Sialyl Lewis X (Calbiochem)
CA19.9 A0 (OCG)
Epa1-Np mutant E227G
AOL(Matriar Lab)
CSA(EY Lab)
GAL-488
CA19.9-IgM
UDA
CA19.9-12-IgG
Epa1-Np mutant E227A
Epa1-Np mutant E227A
Mono2-CONT
Avarol-EF
VVA
WGA
CA19.9-1-IgA
hJAA-F11-IgG1
EPL
CA19.9-12-IgG
SBA
ABA
Native PNA
MEL
IPS-K-488
Epa1-Np mutant E227G
Mono2-CONT
Bauhel
Epa1-Np WT
SSL1
HML-Native
LCA
WGA(Seikagaku)
NAGA
DC-ASGPR sol
Mouse Galectin-1
MicroCyst
ACL
PHA-L
MAL
MNA
ASA
AAL
AAA
MAL-1
TD-1
P11 VP8
TL(EY Lab)
hGal-1-488
Tbp-Fc-3
SP
SB
ME7(detected with a-HUD)
LSL-1
DSA-1
HHL
Anti-CD69
CD69
PTA-Cy3
VVHA(Seikagaku)
VVL
SGA
ME5(detected with a-HUD)
GalNAc
Gal-1
EEL
BTL
BTL mutant
WT-FSSC
CGL
Mouse Galectin-10
LEA
NEA
Gal-3
WT Galectin-3
Galectin-3
CGL2
human Gal-7
CCTG-WGA
WGA
HHA(EY Lab)
RCA(EY Lab)
GNA (EY Lab)
PAL-I
WGA-Biotin
SSL1-Biotin
pHLEC
Human Galectin-1
MOA

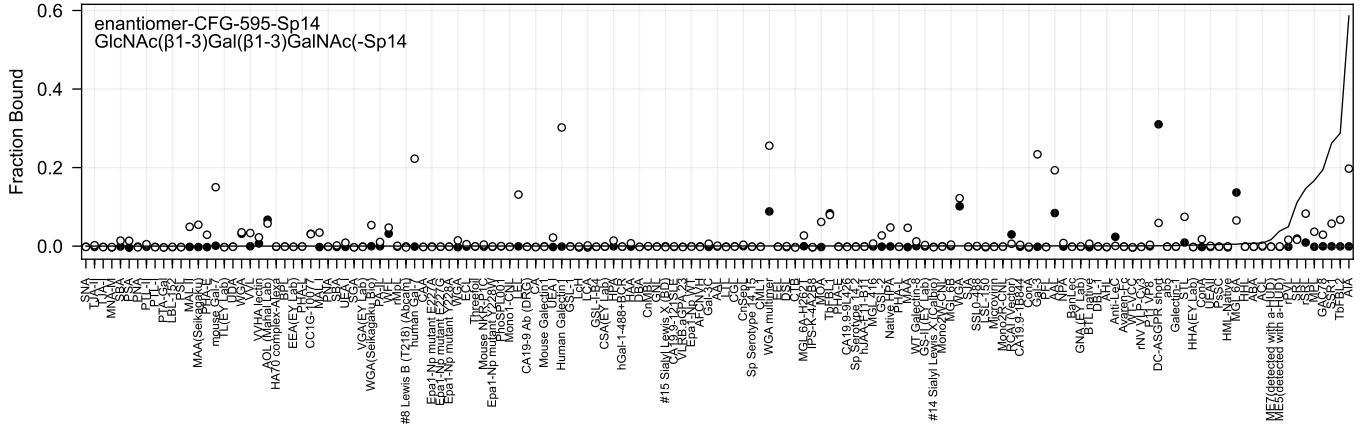

enantiomer-CFG-590-Sp14
GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-6)[GlcNAc(β1-3)Gal(β1-3)]GalNAc(α-Sp14
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
MGL 6A-H26?
LeY
PNA
PWA-1
PNA
MAA
MAA(Seikagaku)
EEA(EY Labs)
PTA-Gal
CA19.9-9
PNA
PNA
CA19.9-1B44
JAC1
TL(EY Labs)
mouse Gal-7
VVL
Native PAL
HA70 conjugate-Alexa
CSA(EY Labs)
HAA
Epa1-Np mutant E222A
Human Galectin-1
Mouse Galectin-1
PhoSL
WGA
PSA
PSA
ACA
MGL-6A
MonoBR-A10
DBA
PEA
PEA
SBA
VLRB.aGPA-23
PNA
UEA1
UEA1
VGA(EY Labs)
MAA
MAA
Epa1-Np mutant E222C
CML-1
CA19.9-125-SLE
WT Galectin-1
HHL
human Gal-7
SuAAA-F1-F11
Sp Lewis X(Calbiochem)
CA19.9 Ab (DAKO)
bGal-1488-BCS
Epa1-Np mutant E222A
Epa1-Np mutant E222C
Epa1-Np mutant E222B
Tricosol
LBP-1-2
GNL
rNV VLP
MGL-6B
HMA(Mannose)
VVHA(Man)
#15 Sialyl Lewis X(Calbiochem)
NPA
#8 Lewis B (T218) (Abcam)
ABCRVII
Ban Lec
Mac82W-ONL
Mac82W-ONL
Mouse NKEPTC
AOL (Mahal Lab)
CMBL
SoSA
BTL-1(EY Labs)
WGA
MPL
Galectin-1
Microrchin
WGA(Seikagaku)
PVA
PHA-E
PHA-L
SSLO-28
GNA (EY Labs)
CnSerp
LSL-15
Avaren-Fc
CoA
HHA(EY Labs)
ACA
DC-ASGPR-8D9
Ban Lec
ME7(detected with a-HA)
GSL-I
ME5(detected with a-HA)
SJA
PNA
RCA
SBA
SBBT
GSL-I
TBA
WGA
WGA multimer

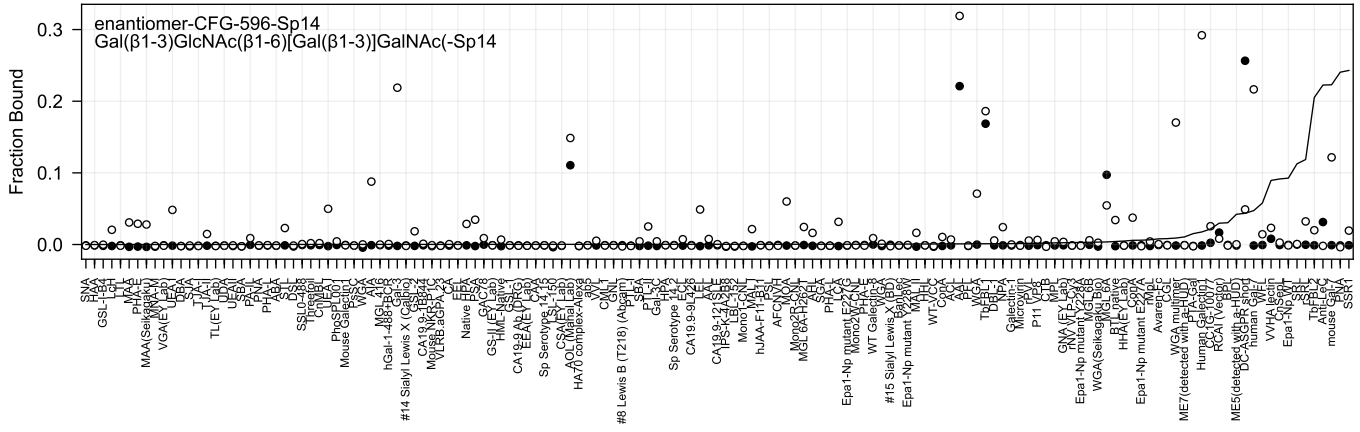

enantiomer-CFG-591-Sp0
GalNAc(β1-3)GlcNAc(β-Sp0
Fraction Bound
0.0
0.2
0.4
0.6
#14 Sialyl Lewis X (Calbio
hGal-1-488-BSA
SNA
CGB
UDA
Sp Serotype 14 (12)
TL(Fr. 1 (12)
JAC
BSA
PNA
Galectin-1
PsaC
PTA-I
PTA-II
PHA-L
PHA-E
WGA(Seikagaku)
Native BPA
SBA
XBA
CA19 9-488
CA19 9-488
HAA(EY Lab)
PNA-1
PNA
SNA
AOL (Mahal
UEA-I
Sam
VGA(EY Lab)
MAA(M
WFA
AOL
LBL-1-62
VL-1 at aGP-23
ME7(detected with
AIL
MAA(Seikagaku
WT Galectin-1
MAA
CAA
PPA
PHA-E
PHA-L
Galectin-3
WGA
Epa1-Np mutant E224A
Mouse Galectin1
Human Galectin1
EPA
GRFT
Epa1-Np mutant Y226N
P11Strep
GNL
MAL
NEA
LEA
GSL-I-B4
PhoSh-081
ELPA
GNA
HAA
ABA
DBA
PNA
Sp Serotype 14 (15
Mouse SSL-1-48
SSL-1-48
CML-1
Epa1-Np mutant Y226T
Epa1-Np WT
CA19 9-121SCE
Thrombin
AFO(NVH
Epa1-Np mutant Y226F
MAA(T-F)-B-1
#15 Sialyl Lewis X (Ca
CA19 9-48 (ORG)
HA/70 complex-Native
#8 Lewis B (T218) (Accam
LSA
CA-1
PTA-I
Microvirus
SBA
Man
SSL-1
EEA(EY Lab)
RCA1 (Vector
MAL-I
Bam-ec
Avidin
IPS-K-42-288
UEA-I
DBA
ME5(detected with a-
SVA
SSA
GNA (EY Lab)
ToPB-1
BT-1 (Vector
GS-II (EY Lab)
NV-VLP-CN3
MonoZ-CN3
TNA
CAA
LCA
WGA mutant
CoMB
MonoZAV-CN3
CSA
MGL-419
MGL-6A-1-2884
MonoZ-CN7
NVVRA lectin
CC1G-1004
MGL-68
mouse IgG
BPA
SBA
MGL-6A
Anti-WFL
DC-ASGPR short

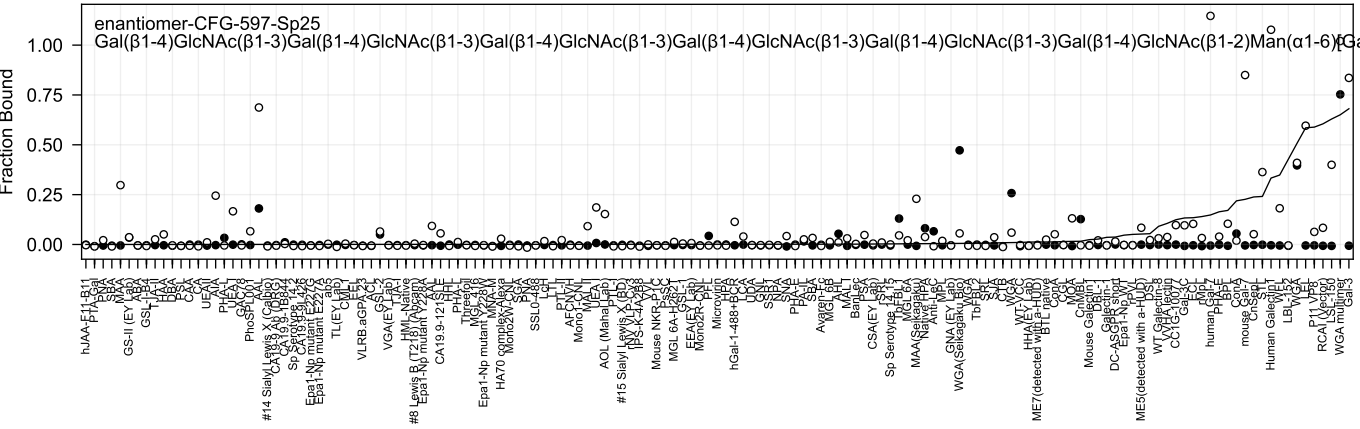

enantiomer-CFG-592-Sp0
GalNAc(β1-4)GlcNAc(β1-3)GalNAc(β1-4)GlcNAc(β-Sp0
Fraction Bound
0.0
0.2
0.4
0.6
PTA-GAL
HPA
SSL-10A
WFL
GSL-I-B4
UEA
ME5(detected with a-HDO)
LCA
ME7(detected with a-HDO)
ACL
TJA-II
MAA(Sei)
PNA
MAL II
VLRB.aGPA23
PHA-L
PSL-1
ASA
SNA
BPL
Native Fetuin
LEL
BAL
hGal-1-488+BCH
Sp Serotype 14
#14 Sialyl Lewis X (Calbio)
PsSL
GS-II (EY Lab)
Epa1-Np WT
Epa1-Np mutant Y228A
Mouse galectin-7
ACL
Epa1-Np mutant Y228A
PVA
ABA
Thy-1 (Calbiochem)
#15 Sialyl Lewis X (BD)
IPS-K-A258
P11
UEA
PSL
CAA
VGA(EY Lab)
MAA-M
GNL
ACL
Bacillus
Microvoxin
Epa1-Np mutant Y228A
HHA(EY Lab)
SRL
PHA-E
WT Galectin-3
ACA (Vector Lab)
ACA (Marine Lab)
SBL
CA-19.9-488
HA70 complex
MOA
Sp Serotype MOA
MAL I
HML-488 lyte
PHA-L
Epa1-Np mutant Y228A
GNA
CA19.9 Ab (DBS)
GSL-I
SNA
EEA(EY Lab)
PVA
CA19.9-488
PHA-E
WFA
PhoSPL(EAI)
#8 Lewis B (T218) (Abcam)
PVL
CGA
LSL-B4
hJAA-FITB11
SSL-1-B8
AvaRep-FC
CGL
PSL
APN-VH
RCA (Vector Lab)
INVA (Vector Lab)
MAA
Anti-DBA
Human Galectin-1
Gal-3C
Mono2R-CNL
human Gal-7
Mouse NGL-416
Mouse Gal-4
MGL 6A-Hs-514
SBA
MGL 6A-Hs-488
CSA(MGL 8B)
CA(Seq)
Gal-3
Gal-8
Mono1-CNL
mouse Gal-7
BCL
CC1G-488
WGA
MGA
MGL
TEL
SPA
WGA(Seikagaku-BG)
WFL
WGA
WGA mutant
DC-ASGPR short

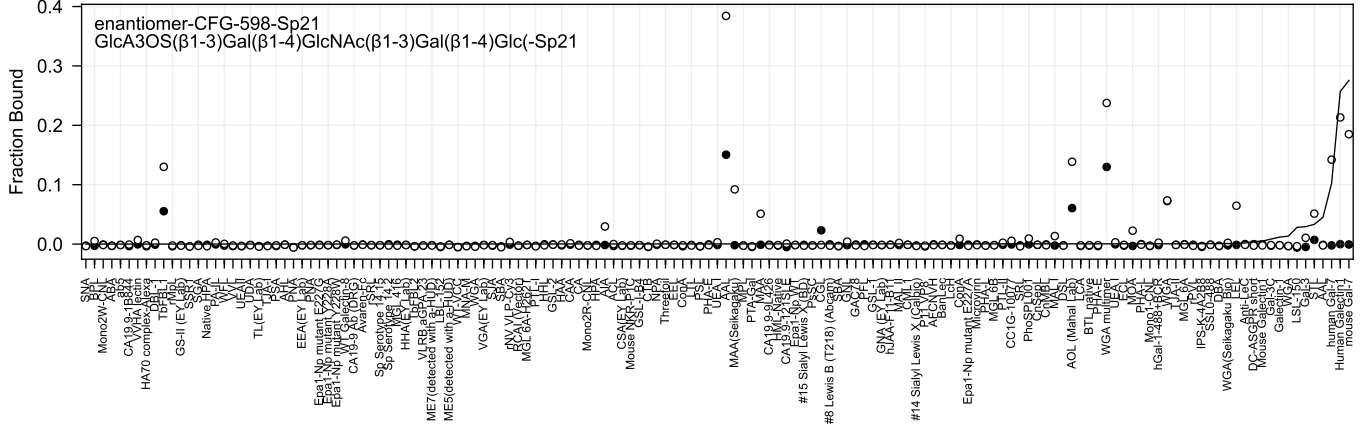

enantiomer-CFG-593-Sp25
GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-
Fraction Bound
1.0
0.8
0.6
0.4
0.2
0.0
SNA
HA70 complex-Alexa
IPS-K-4A2
MAA(Seikagaku)
Thrombin
TL(EY Lab)
SSL-1-188
#15 Sialyl Lewis X (PD)
Sp Serotype
PhoSL(Dr. Tai)
Epa1-Np mutant Y228A
#8 Lewis B (12-18) (Alpha)
VLRB.aGP.1
#14 Sialyl Lewis X (Calbio)
Epa1-Np mutant E227Q
hAA-1-1
hGal-1-186-1-3
Sp Serotype
PNA-Native
Epa1-Np mutant Y228Q
Epa1-Np mutant E227A
Mouse Galectin-1
Mouse Galectin-3
Native PNA
MGL-A6
EEA(EY Lab)
Epa1-Np WT
AOL (Marine Biotech)
Microvirin
Mono2W-CNL
Epa1-Np WT
CSA(EY Lab)
Avarol-Tr
MGL-A2
MGL-A4
RCAI (Vector)
APTS-NH2
CFTOE
GNA (EY Lab)
HHA(EY Lab)
Human Galectin-1
Galectin-1
DC-ASGPR short
CCL2-10674
Mouse NKR-P1C
Human Gal-7
WT Galectin-3
ME7(detected with a-ELLD)
mouse Gal-9
ME5(detected with a-ELLD)
GS-II (EY Lab)
WGA(Seikagaku)
WGA
WGA (TW-Tag)
Gal-3

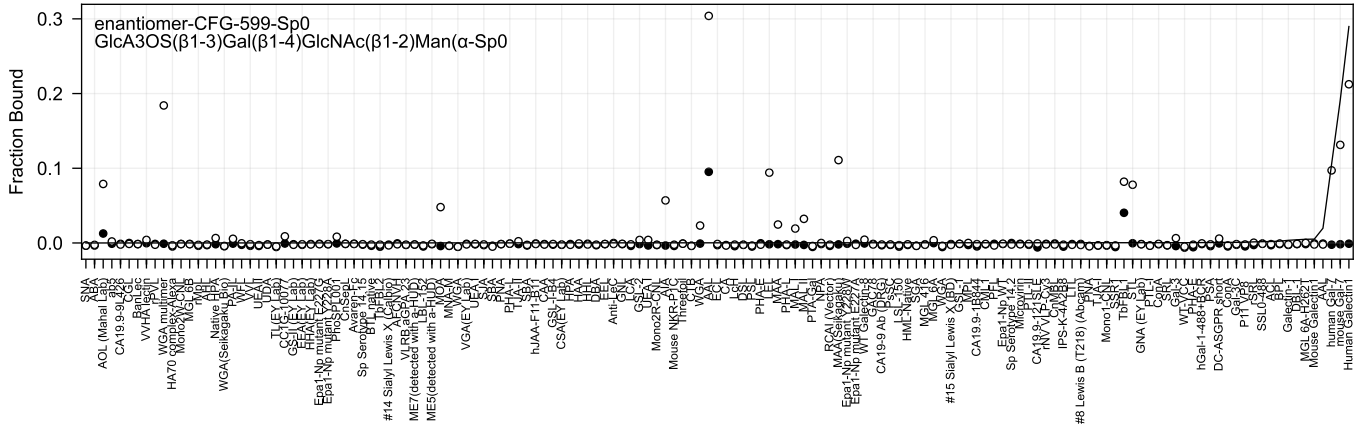

enantiomer-CFG-594-Sp25
Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Gal(β1-4)GlcNAc(β1-3)Ga
Fraction Bound
1.0
0.8
0.6
0.4
0.2
0.0
hJAA-F11 B11
UEA
PNA
GSL
VLRB aGP-23
MAL
ABA
ABA
GSL-I
GSL-I
AIA
SBA
SBA
ACL
TL(EY
PhoSL (Lab)
IPS-K-42-08
BPL-1
CA19-9 Ab (DKFZ)
CAA
CAA
Mono2R
CBA
CA19-9-9
CA19-9-426
VGA(EY
PHA
HML-Native
SSL-1488
HA70 complex
SSL-1
Epa1-Np mutant
AIF E227A
AOL (Mahal Lab)
Sp Serotype
HUT
Epa1-Np mutant Y226A
Mono2
GNL
Epa1-Np mutant Y226A
SOA
Epa1-Np mutant Y226A
PTA
TJA-I
CA19.9-1B44
TJA-I
CML-1
#8 Lewis B (T218) (Abcam)
SBA
GS-II (EY
DBA
TNV VLP-2
Epa1-Np mutant T75S
CA19.9-1-T75S
MGL-SIB
Mono2
Mono2-PGM
MGL 6A (Z180)
#15 Sialyl Lewis X (Abcam)
EEA (EY
Mouse NKR
#14 Sialyl Lewis X (Calbio)
GAC76
SSB1
Avarol-EC
NPA
MPL
MPL
MNA-M
hGal-1-488 BLOCK
TBP-1
ASL
MGL-SIB
Tim-1
UEA
Sp Serotype 14-43
Native HPA
WGA(Seikagaku) Bio
WGA
GNA (EY
LEA
RCA (Gal
PNA
WFA
HHA(EY (Lab)
KSA(EY (Lab)
MAA(Seikagaku)
MUL
ME7(detected with a-
DBL-1
BTA
CAA
DC-ASGPR s(DB)
ME5(detected with a-
Mouse
WGA
Galectin-1
CON A
CGL
DSL
Epa1-Np-Ile-un
WT Galectin-3
GNL
human Gal-7
human Gal-8
CC1G-1
CrSerp
Sn-1
Human Galectin1
mouse Galectin-1
PHA-E
WFL
VVL
P11
VA8
WGA multimer
RCA
RCA (Vector)
LSL-1
LSL-1 B4
Gal-3

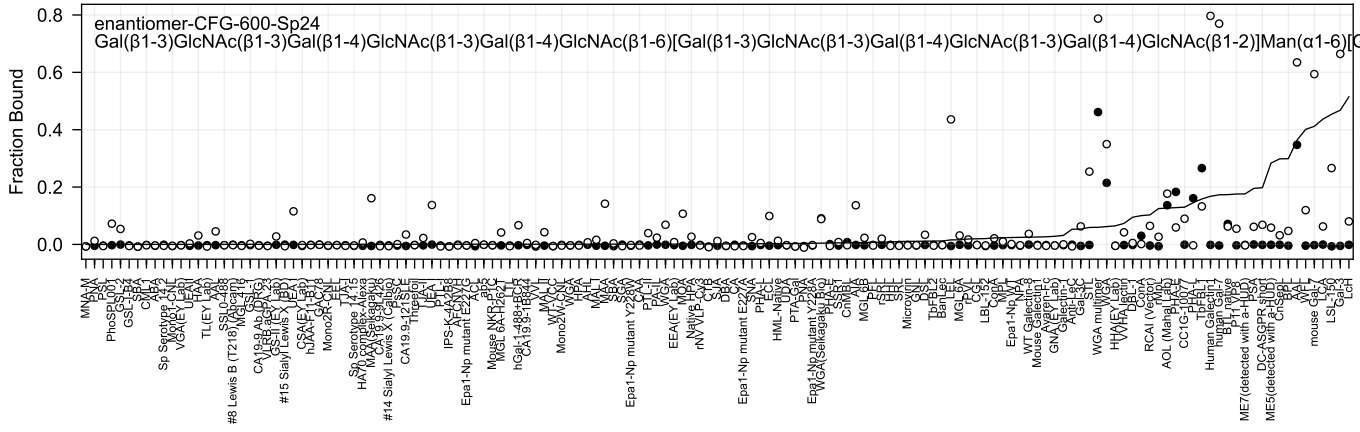

enantiomer-CFG-595-Sp14
GlcNAc(β1-3)Gal(β1-3)GalNAc(-Sp14
Fraction Bound
0.6
0.4
0.2
0.0
SNA
TJA-I
MNA-M
MNA-A
SBA
PNA
PTL-I
PTL-II
PTA-Gal
LBL-I/II
MAL I
MAA(Sei)
BPL
MAA(Neu)
mouse Gal-1
TL(Ex)
DBA
WFA
VVA
AOL
VVHA lectin
HA/70 complex (Leg)
BPL
EEA(EY Leg)
PHA-E
CC(G-1)
WGA
PNA
UEA
SGA
VGA(EY Leg)
WGA(Seikagaku)
Lin
WFL
Mlo
#8 Lewis B (T218) (Abs)
human Gal-7
Epa1-Np mutant E227G
Epa1-Np mutant E227A
Epa1-Np mutant E227Q
Epa1-Np mutant E227V
WGA
Ecl1
Tlm
Mouse NK(DX5)
Epa1-Np mutant S226V
Epa1-Np mutant S226I
Mono1-CD1
CA19-9 Ab (DRG)
Mouse Galectin-1
Human Galectin-1
DSA
Lch
GSL-I B4
CSA(EY Leg)
hGal-1-488+BCR
BCR
DBA
CnnBL
#15 Sialyl Lewis X (BD)
VVL B4 (Gal)
Epa1-Np (WT)
Epa1-Np (WT)
Gal-3C
AOL
CGL
Cnn-Tn-15
Sp Serotype 14 CPS
GNL
WGA mutant
EEL
CCL
MGL-SA-K562
IPSA-4-MGL
MGL
TJA-I
CA19.9-9-4-28
Sp NIAID PS-B11
MGL-1/16
PNA
Naive HPA
PNA
MAA
WT Galectin-3
CSL3 (K562)
#14 Sialyl Lewis X (Calbio)
Mono2-CD1
WGA
WGA
SSL-398
TSL-190
MGL-1
Mono2-CD11b
Mono2-CD11c
CA19.9 (Biosz)
ConA
CGL
BPL
AOL
Bgn Lec
GNA-E (Leg)
BTL (Leg)
DBL-I
Anti-Tac
Avidin-FC
rNV VP1-FC
DC-ASGPR short
ab3
Galectin-1
HHA(EY Leg)
SJA
UEAII
HML-Naive
MGL
HPA
ABA
ABA
MEZ(detected with a-LDD)
ME5(detected with a-LDD)
PNA
SB
NBL
GAL-8
GAL-2
TdBP-1
AIA

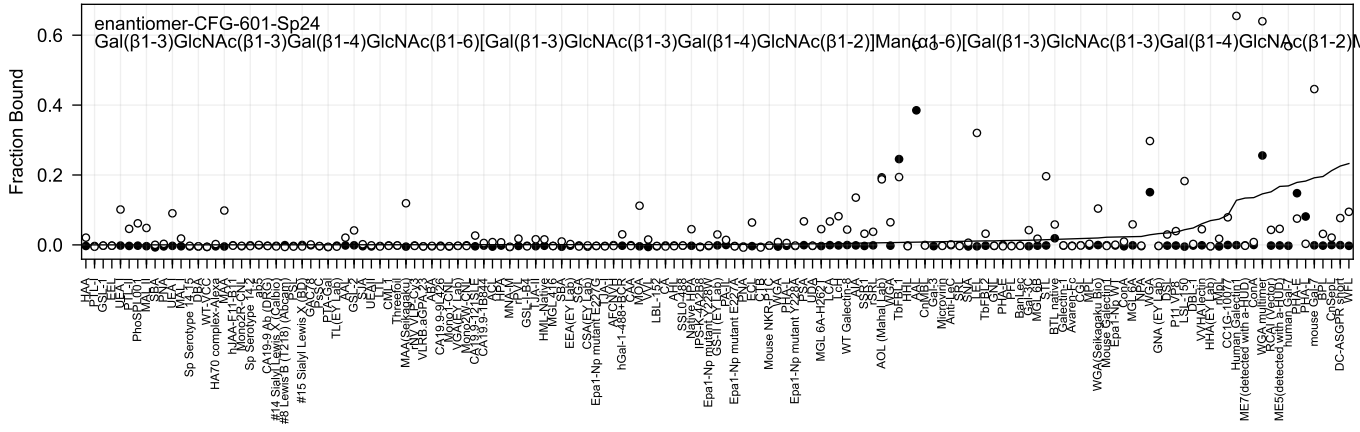

enantiomer-CFG-596-Sp14
Gal(β1-3)GlcNAc(β1-6)[Gal(β1-3)]GalNAc(-Sp14
Fraction Bound
0.3
0.2
0.1
0.0
SNA
EEA
GSL-I-B4
LTA
PNA
MAA
MAA(Sekagaku)
VGA(EY Lab)
UEA
SBA
TJA-I
TJA-II
TL(EY Lab)
UEA-I
PSA
PNA
ABA
SJA
SSL-28
Tomato
Chitin
PhoSL
Mouse Galectin-1
WFA
ACA
MGL
AIA
hGal-1 488-BCB
Gal-1
Gal-2
Gal-3
Gal-9
CA19.9 (Abcam)
VLRB.aGPA.23
Native PEA
EEA
GAL
GSL-II (EY Lab)
HMA (Maine Lab)
CA19.9 (EY Lab)
EEA (EY Lab)
Sp Serotype_1-150
CA19.9 (Maine Lab)
AOL (Maine Lab)
HA70 complex-Alexa
WFA
WGA
CGNT
#14 Sialyl Lewis X (Calbiochem)
#8 Lewis B (T218) (Abcam)
SBA
PNA
Gal-1
HPA
Sp Serotype
ECA
CA19.9-9-42B
AAL
CA19.9-1-21-ASB
LBA
Lbl-1-B2
Mono (VAL)
hJAA-F11-B31
AFCN
Mono2R
MOA
MGL 6A-1-2B2
SNA
SSA
PHA-L
Epa1-Np mutant E227G
Mono2 (HAL)
WT Galectin-3
#15 Sialyl Lewis X (BD)
Epa1-Np mutant E227A
MAL-I
WT-VCL
Copa
AAL
WGA
TBP-1
DSL-1
NPA
Galectin-1
TPVP
P11
CCB
MPL
GNA (EY Lab)
TNY (TF-2)
Epa1-Np mutant K228A
WGA(Seikagaku) Bio
BTL (Native)
HHA(EY Lab)
Epa1-Np mutant E227A
Avarol
CGL
WGA mutant
ME7(detected with B-HUD)
PC-1 (7077)
RCA(I (Vector)
ME5(detected with B-HUD)
DC-SIGN (R&D)
human Galectin-7
VVHA
MVN
Epa1-NpSP
SSL-8
FBL
ToxB
Anti-Lec
mouse Galectin-7
SSR1

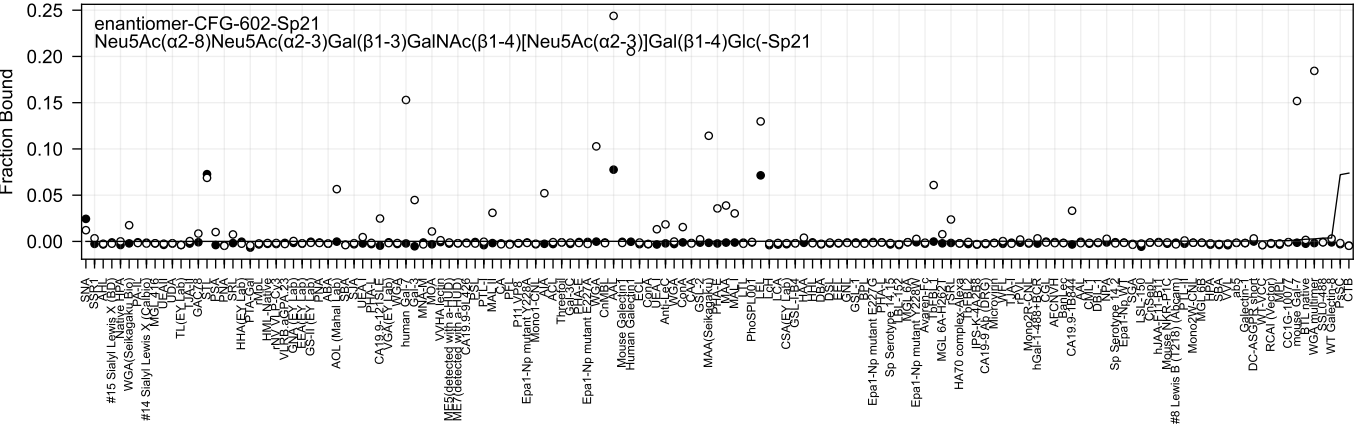

enantiomer-CFG-597-Sp25
Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Ga
Fraction Bound
1.00
0.75
0.50
0.25
0.00
hJAA-F11-B11
PTA
DBA
MAA
GS-II (EY Lab)
GSL-I-B4
HPA
DBA
CAA
UEA-I
AAL
UEA-I
PNA
PhoSL
ACG
AAL
#14 Sialyl Lewis X (CarBiosciences)
CA19.9-1B244
Sp CA19.9-1B244
CA19.9-1B244
Epa1-Np mutant E2275
Epa1-Np mutant E2275
abs
TL(EY Lab)
VLRB.aGP-F51
ACG
VGA(EY Lab)
HM-Nanovesicles
#8 Lewis B (T218) (Abcam)
Epa1-Np mutant Y2286
CA19.9-121-SLE
PHA
PHA
TJA-I
Dolichos
Epa1-Np mutant Y2286
MNA-M
HA70 complex
Morlo2W-ONE
BPA
SSLL-488
LTL
PTL
AFSVN
Mono1-CONI
MEA
AOL (Mahab-Pb)
MEA
#15 Sialyl Lewis X (Bio)
[]S-K-A2-488
Mouse NKR-P1C
MGL 6A-LSL-1
EEA(EY Lab)
Mono2K-PPL
Microvirin
hGal-1-488+BCR
UDA
SNA
SSA
NPA
PNA
PAL
Avaren-FITC
MGL-FITC
MALI
Bergenin
CSA(EY Lab)
Sp Serotype 12F15
MEL
MAA(Seikagaku)
Nature MPL
GNA (EY Lab)
WGA(Seikagaku, Bio)
TbVIB-2
SRL
SNA
CVN
VVA
WTA
HHA(EY Lab)
ME7(detected with a-PrP polyc)
CGA
MOA
Mouse Galectin-1
GalNAcβ1-1
DC-ASGPR short
Epa1-Np WT
ME5(detected with a-HuD)
WT Galectin-3
CCTA(Leo)
Gal-3C
TGC
human Gal-7
PGA
BPF
mouse Gal-9
CrSerpin
Human Galectin-11
WFL
LBA
WGA
P11
VFL
RCA (Vector)
WGA hulectin
Gal-3

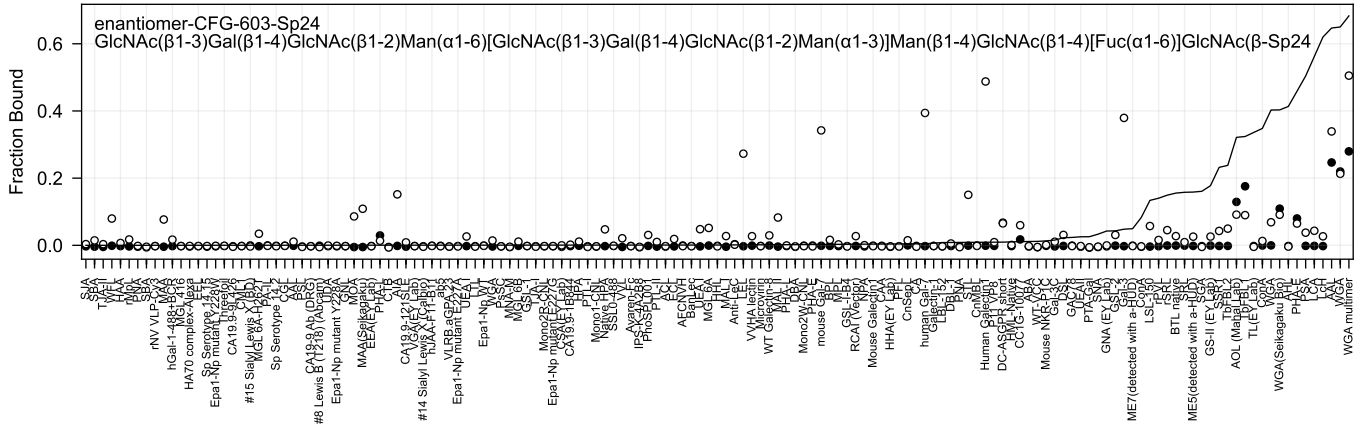

enantiomer-CFG-598-Sp21
GlcA3OS(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)Glc(-Sp21
Fraction Bound
0.4
0.3
0.2
0.1
0.0
SNA
SNA
Mono2W-CNL
ABA
ABA
CA19.9-1 Biotin
CA19.9-1 Alexa
HA70 complex-Biotin
HA70 complex-Alexa
TD-PBL-1
TD-PBL-1
GS-II (EY Labs)
GS-II (EY Labs)
Native-PAA
Native-PAA
WVA
WVA
UDA
UDA
TL(EY Labs)
TL(EY Labs)
PSA
PSA
AAL
AAL
EEA(EY Labs)
EEA(EY Labs)
Epa1-Np mutant E227A
Epa1-Np mutant E227A
Epa1-Np mutant Y228A
Epa1-Np mutant Y228A
CA19.9 Ab (DKFZ)
CA19.9 Ab (DKFZ)
Avidin-PAA
Avidin-PAA
Sp Secretope 1-12
Sp Secretope 1-12
MGL-416
MGL-416
HHA(EY Labs)
HHA(EY Labs)
VVL-B4 (Biotin)
VVL-B4 (Biotin)
ME7(detected with LBL-1)
ME7(detected with LBL-1)
ME5(detected with LBL-1)
ME5(detected with LBL-1)
MVA(EY Labs)
MVA(EY Labs)
VGA(EY Labs)
VGA(EY Labs)
SBA
SBA
PNA(VLB-Cy3)
PNA(VLB-Cy3)
MGL-6A(Biotin)
MGL-6A(Biotin)
PHA-L
PHA-L
GSL-2
GSL-2
CAA
CAA
CAA
Mono2R-CNL
HPA
HPA
AIA
AIA
CSA(EY Labs)
CSA(EY Labs)
Mouse GSL-1
Mouse GSL-1
KDA
KDA
Threpolo
CEA
CEA
PSL
PSL
PHA-E
PHA-E
UEA1
UEA1
MAA(Seikagaku)
MAA(Seikagaku)
PTA-Gal
PTA-Gal
MOA
MOA
CA19.9-4
CA19.9-4
HMM-Native
HMM-Native
CA19.9-1 Biotin
CA19.9-1 Biotin
#15 Sialyl Lewis X (BD)
#15 Sialyl Lewis X (BD)
PGS
PGS
#8 Lewis B (T218) (Abcam)
#8 Lewis B (T218) (Abcam)
GNA
GNA
GNL
GNL
PPA
PPA
EGA
EGA
GSL-1
GSL-1
hJAA-F11 (BD)
hJAA-F11 (BD)
MAL I
MAL I
#14 Sialyl Lewis X (Calbiochem)
#14 Sialyl Lewis X (Calbiochem)
AECNVA
AECNVA
BanLec
BanLec
Epa1-Np mutant E227A
Epa1-Np mutant E227A
SSA
SSA
MPA
MPA
PHA-M
PHA-M
CC1G-1 (BD)
CC1G-1 (BD)
CNL
CNL
PhoSL (DSL)
PhoSL (DSL)
CNL(EY Labs)
CNL(EY Labs)
MAL I
MAL I
AOL (Mahal Lab)
AOL (Mahal Lab)
BTL
BTL
Native
Native
PHA-E
PHA-E
WGA mutant
WGA mutant
UEA1
UEA1
MOA
MOA
PTA-Gal
PTA-Gal
Mon
Mon
hGal-1-488 (BDK)
hGal-1-488 (BDK)
VICA
VICA
MGL-6A
MGL-6A
IPS-K4-488
IPS-K4-488
SSL1-488
SSL1-488
WGA(Seikagaku)
WGA(Seikagaku)
Bap
Bap
LEL
LEL
Anti-LEL
Anti-LEL
DC-ASGPR short
DC-ASGPR short
Mouse Galectin-1
Mouse Galectin-1
Galectin-1
Galectin-1
LSL-190
LSL-190
Galectin-3
Galectin-3
AAL
AAL
human Galectin-7
human Galectin-7
Human Galectin-1
Human Galectin-1
mouse Gal-7
mouse Gal-7

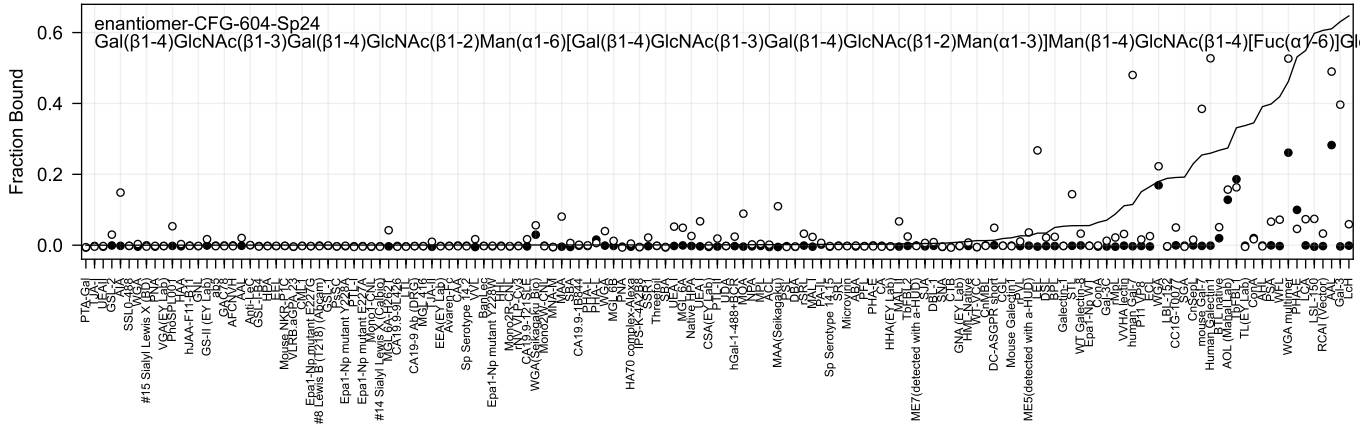

enantiomer-CFG-599-Sp0
GlcA3OS(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α-Sp0
Fraction Bound
0.3
0.2
0.1
0.0
SNA
SNA
AOL (Mahal Lab)
CA19.9-Lab
CA19.9-Ab
BoGC
BoGC
VVHA
Tag10
WGA mutimer
HA70 complex
Monos
MGL-Ab
ABL
ABL
Native DPA
WGA(Seikagaku)
PCL
WFL
UEAII
UEAII
TL(EY Lab)
SCL(EY 1007)
GEA(EY Lab)
GEA(EY Lab)
HPA(EY 2279)
Epa1-Np mutant
Epa1-Np mutant
Phos
ChSeq
Sp Serotype
Avarol-15
BTL
BTL-native
#14 Sialyl Lewis X
VLRB
VLRB
ME7(detected with s
ME5(detected with s
KLCA
MVGA
VGA
VGA(EY Lab)
EEA
SRA
PHA-L
PHA-L
SBA
hJAA-F11
SBA
GSL-I-B4
CSA(EY 1008)
HPA
HPA
DBA
DBA
Anti-Tn
EEL
GNL
GSL-I-A4
GSL-I-B4
Mono2
UEA-I
Mouse NKR
PNA
OCTA
WGA
AAL
ECL
LCA
PSL
PHA-E
MAL
MAL
MAL-I
PTA
NPA
RCA(I (vector)
MAA
Epa1-Np mutant
Epa1-Np mutant
WFA
CA19-9 Ab
GSA
GSA-B
PsSL
SJA
HML
SJA
MGL-Ab
#15 Sialyl Lewis X
GSL-I
CA19.9-Lab
DBL
Epa1-Np WT
Sp Serotype 1-2
PHA-L
CA19.9-Ab
NN-A
IPS-KA
IPS-KA
CMBL
#8 Lewis B (T218) (Ab
Mono1
SSA
TBP
BL
GNA (EY Lab)
CTL
SRL
CTL
WTX
WTX-2
hGal-1-488
PSA
DC-ASGPR
Sonix
Gal3C
P-Gal3C
ISG
SSL-Ab
BPF
Galectin-1
MGL (Mouse)
Mouse Galectin-1
AAL
human Gal-7
Human Galectin1

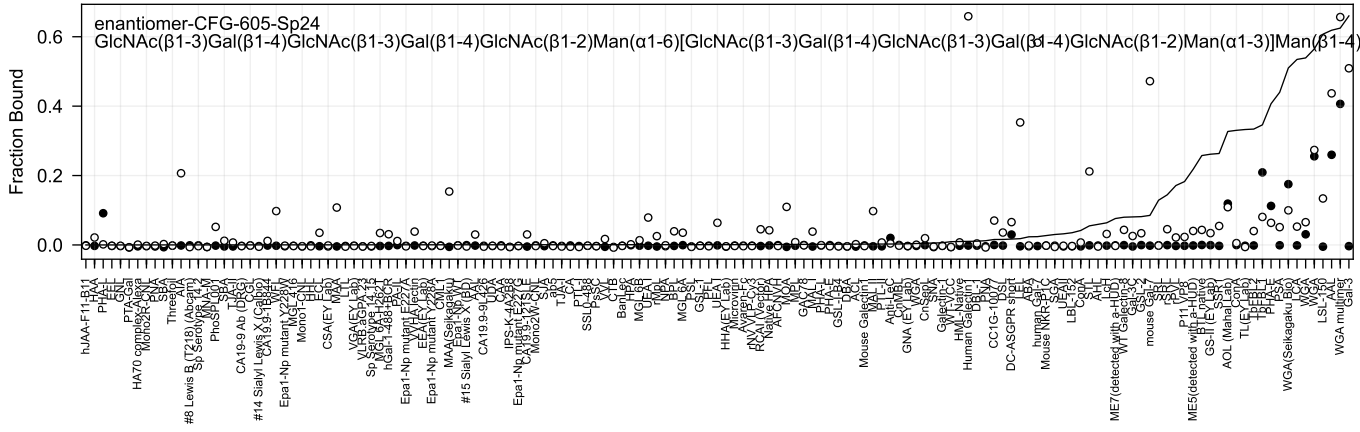

enantiomer-CFG-600-Sp24
Gal(β1-3)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-6)[Gal(β1-3)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)]Man(α1-6)[G
Fraction Bound
0.0
0.2
0.4
0.6
0.8
MNA-M
BAY
PSA
PhoSP
GSL-2
GSL-BA
CM-1
CM-2
Sp Serotype 14
VOA(EY Lab)
UEA1
TL(EY Lab)
TL(EY Lab)
SSA
#8 Lewis B (T218)(Alpha)
MGL-1 (1)
CA19-9 Ab (DRG)
CA19-9 Ab (DRG)
GSL-II (EY Lab)
GSL-II (EY Lab)
#15 Sialyl Lewis X (JED)
GSA(EY Lab)
hJAA-F (1)
hJAA-F (2)
Mono2R-CNI
TJA-I
Sp Serotype 14 715
HA(EY Lab)
MAA (Sekiegaku)
#14 Sialyl Lewis X (Calbiochem)
CA19-9-127
SSE
Tricepolyl
UEA1
LTA
IPS-4-Np mutant E2
IPS-4-Np mutant E2
Epa1-Np mutant E2
Epa1-Np mutant E2
Mouse NKR
Mouse GAL2
hGal1-489-BC1
CA19-9-TB244
MAA
WT
WT-CC
Mono2WGA
HPA
HPA
NALL
NBA
SBA
SBA
Epa1-Np mutant Y2
EAA
PA-IL
PA-IL
WGA
EEA(EY Lab)
MPA
Naive LPA
rNVVE-CTB
CTB
DSA
DSA
Epa1-Np mutant E2
EAA
PHA-L
PHA-L
HML-Naive
UDA
PTA
PNA
Epa1-Np mutant Y2
MAA (Seikagaku)
Bauhinia
PSA-1
PSA-1
CNA
CNA
MGL-CB
MGL-CB
PSL
PSL
TEL
TEL
Sn
Sn
Microvirin
GNL
GNL
TcFBP
TcFBP-2
Ban Lec
MGL-EA
CGL
CGL
LBL-152
VVA
VVA
Epa1-Np
WT Galectin-3
Mouse Galectin-1
GNA(EY Lab)
GNA(EY Lab)
Ape-LEC
Ape-LEC
Gal-3C
WGA multimer
WGA multimer
HHA(EY Lab)
HHA(EY Lab)
Jacalin
ConA
ConA
RCAI (Vector)
RCAI (Vector)
AOL (Maha Lab)
AOL (Maha Lab)
CC1G-10077
CC1G-10077
TcFBP-1
TcFBP-1
Human Galectin-1
hum Galectin-1
BTA Naive
BTA Naive
PT1-VSB
PT1-VSB
ME7(detected with pr
ME7(detected with pr
DG-ASGPR-SUDI
ME5(detected with pr
CNsepB
AAL
AAL
GNL
GNL
mouse Lect
mouse Lect
LCA
LCA
LSL
LSL
Gal-3
Gal-3
LcH

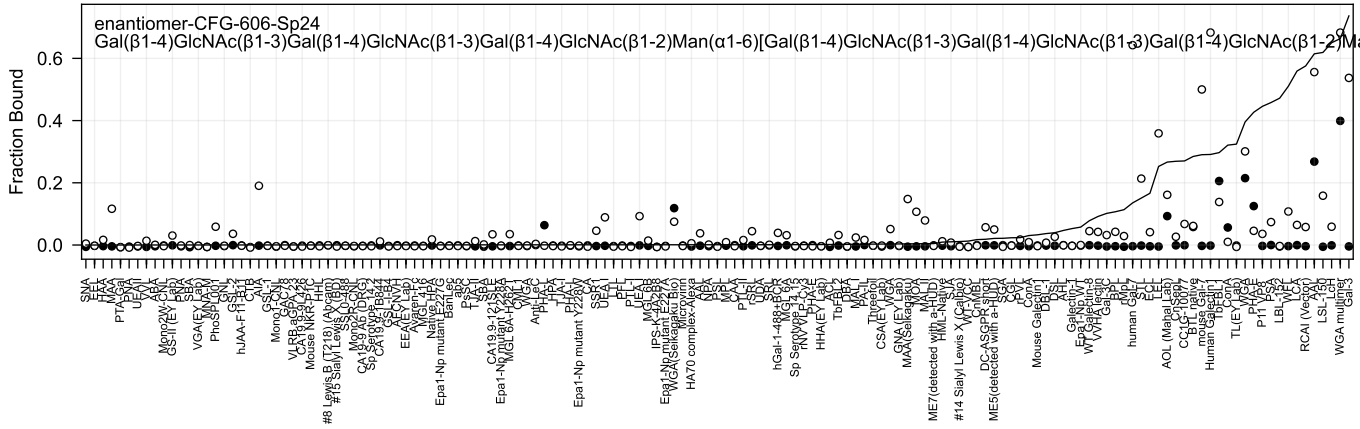

enantiomer-CFG-601-Sp24
Gal(β1-3)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-6)[Gal(β1-3)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)]Man(α1-6)[Gal(β1-3)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)]M
Fraction Bound
0.0
0.2
0.4
0.6
HAA
PTA
GSL-I
UEA
PhoSL (Lo)
ConA
MAL I
SNA
MAL II
LCA
Sp Serotype 12 f g
WT OSA
HA70 complex-A/X/X
hAAA-F1-B11
Monoclonal CL1
Sp Serotype 8
#14 Sialyl Lewis X (Calbio)
#8 Lewis B (1218) (Abcam)
#15 Sialyl Lewis X (BD)
GNA
PTA-Gal
TL(EY Lab)
ABA
GSL-IX
UEA II
CML1
Threelol
MAA(Sigma)
NPL (Vector)
vLRB aGFP
ACA
C A19.9-9-126
VGA(EY Lab)
CA19.9-1-B72
Monoclonal CL2
CA19.9-1-B84
APA
MNA-M
GSL-I-B4
HMA-Nature
MGL-416
EEA
EEA(EY Lab)
SSA
CSA(EY Lab)
Epa1-Np mutant E227G
AFCWA
hGal-1-488-BCR
PCA
MOA
LBL
VCA
SSLL-28B
Naive-LBA
IPL-2-2H5
Epa1-Np mutant Y226W
GSII (EY Lab)
Epa1-Np mutant E227A
EGA
PTA
Mouse NKR-P1B
WGA
Epa1-Np mutant Y226A
PSA
MGL 6A-H262A
LCA
WT Galectin-3
SSA
SSL1
SSL7
AOL (Mahal Lab)
VGA
TxB
PHL
AAL
CrCL
Gal3
Morpurin
AIL
SRL
SNA
TxBP2
PHA-E
PHA-L
Bap-36
Gal-36
MGL-36
STA
BTL native
Galectin-1
Avarap-Fc
MPL
WGA(Seikagaku Bio)
Mouse Galectin-3
Epa1-Np WT
MGA
MOA
NPA
GNA (VGA)
DSL
GNA (EY Lab)
PSL
P11
LSL-150
VVHA
BPL-1
HHA(EY Lab)
CC1G-10047
Human Galectin-1
ME7(detected with anti-PGD)
ConA
WGA (Vulmer)
ME5(detected with a-PGD)
human Galectin-7
BPL-F
mouse Galectin-7
BPL
DC-ASGPR-stem
WPL

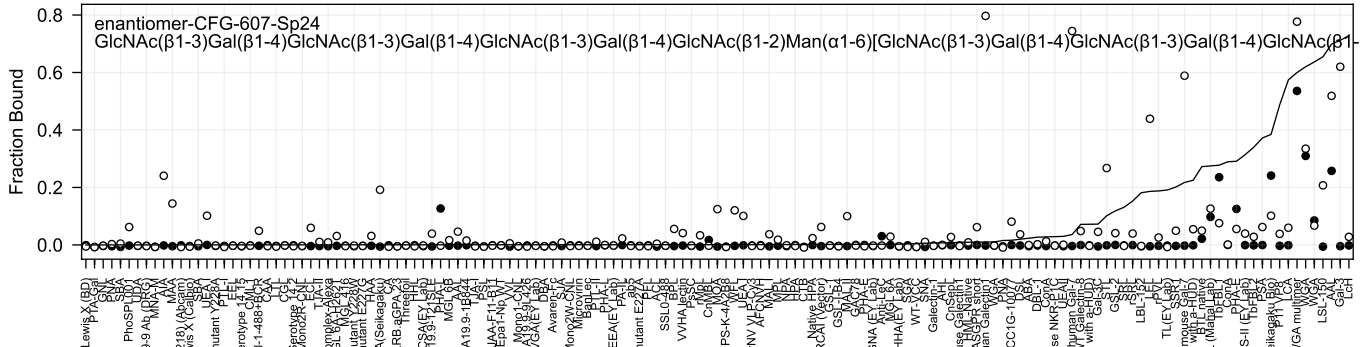

enantiomer-CFG-602-Sp21
Neu5Ac(α2-8)Neu5Ac(α2-3)Gal(β1-3)GalNAc(β1-4)[Neu5Ac(α2-3)]Gal(β1-4)Glc(-Sp21
Fraction Bound
0.25
0.20
0.15
0.10
0.05
0.00
SNA
SSA
#15 Sialyl Lewis X
Native
WGA(Seikagaku)
#14 Sialyl Lewis X
MGL
UEA
UDA
TL(EY Lab)
GNA
GSII
PSA
SRA
SNA
HHA(EY Lab)
MPL
HPA
VVL
VVA
VRA
aGCP
GEA(EY Lab)
GSII(EY Lab)
PNA
ABA
SBA
LEA
UEA
PTA
CA19.9-Lab
VVA
CA19.9-EY
human Gal-3
MAA
VVHA
ME5(detected with a-HUD)
ME7(detected with a-HUD)
CA19.9-Lab
PTL
MAL-I
PTL
P11
Epa1-Np mutant Y228A
Epa1-Np mutant Y228A
Mono1-CNL
ACL
Tkaepsi
PSA-EY
Epa1-Np mutant E227G
Epa1-Np mutant E227G
WGA
ChiA
MGL
Mouse Galectin1
Human Galectin1
ECL
LCA
GPA
Ant-LEC
CcaA
CCA
SCA
MAA(Seikagaku)
PNA
PHA-E
MAL-I
PhoSPL001
LEL
LCA
PSA
CSA(EY Lab)
GSL I-B4
HAA
DBA
DEA
PSL
SBL
GNL
SBPI
Epa1-Np mutant E227G
Epa1-Np mutant E227G
Sp Serotype 14-15
KBL-12
Epa1-Np mutant Y228W
Epa1-Np mutant Y228W
AWA
PSL-I
MGL 6A-I-282
MGL
HA70 complex-Alex
IPS-KDA88
CA19.9 Ab DRG1
MicroVILL
PAL
PAL
Monoclon-CNL
hGal-1-488-BGN
AECNVH
CGN
CA19.9-TB244
CMLL
DRL-1
Sp Serotype 1-2
Epa1-Np 1-2
LSL-150
hAA-PTL-BH
Mouse NKR-PTC
#8 Lewis B (TF216) Abcam
Mono2-CNL
WGA-CNL
MGL
EPA
VVA
ABA
ab5
Galectin-1
DC-ASGPR sport
RCA(Vector)
CC1G-1-488
MGL
mouse Gal-7
WGA IL naive
WGA IL mature
SSL(U)488
WT Galectin-3
CTB

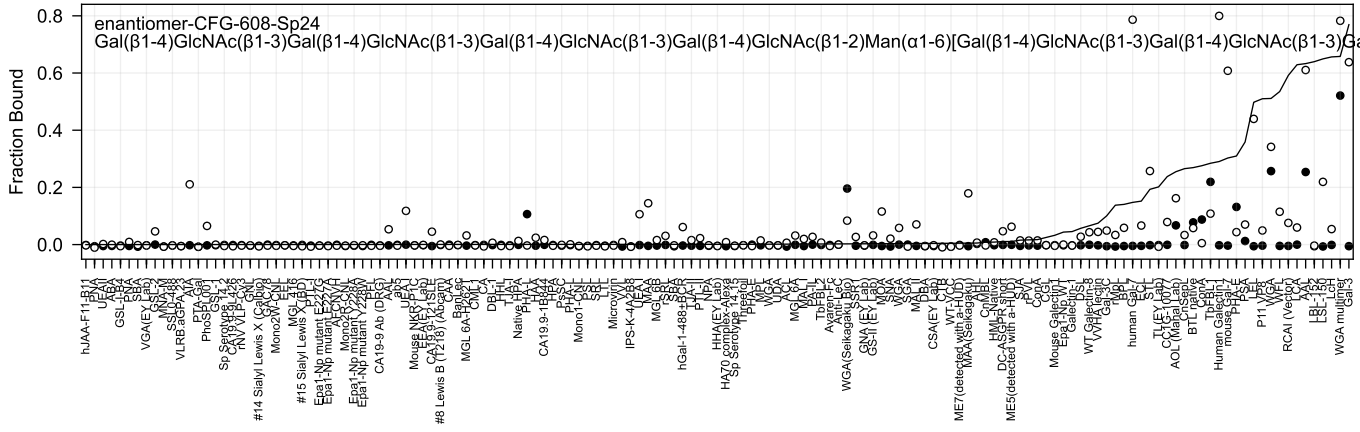

enantiomer-CFG-603-Sp24
GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)[Fuc(α1-6)]GlcNAc(β-Sp24
Fraction Bound
0.0
0.2
0.4
0.6
SIA
SIA
TxCI
TxCII
LTA
PNA
DBA
SBA
MAA
MAL
hGal-1-488-BCR
ECA
HA70 complex-Alexa
rNV VLP
Sp Serotype_14
Sp Serotype_15
Epa1-Np mutant Y228W
CA19.9-488-BCR
#15 Sialyl Lewis X (MDA)
MGT 6A-488-BCR
Sp Serotype_12
CGT
BSL
#8 Lewis B (MDA)
CA19.9 (MDA)
Epa1-Np mutant Y228G
UNA
MOA
MAA(Seikagaku Bio)
EEA(EY Lab)
PTA
CTB
SNA
CA19.9-12-488-BCR
VVA(EY Lab)
#14 Sialyl Lewis X (MDA)
TJA-I
ABA
VLRB.GFP
Epa1-Np mutant E227A
UEA-I
Epa1-Np WT
AVSA
MNA-M
MNA-G
GSL-I
Mono2B-CGN
Epa1-Np mutant E227G
CA19.9-12-488-BCR
PHA-L
PHA-E
Mono1-CGN
Neo-Mc
Neo-Hs
VCL
Avarol
IPS-Y428G
PhoSL
PhoSP
PNL
ACL
AFCVN
Bat-Lec
MCL-EA
MAL
Anti-Lec
VVHA lectin
Galectin-9
WT Galectin-1
MAL II
PDA
PDL
Mono2W-CGN
mouse Gal-7
mouse Gal-1
RIP1
GSL-IB4
RCA(Vector)
Mouse Galectin-7
HHA(EY Lab)
CnSepL
human Gal-7
Galectin-12
LBL-1
DSA
PNA
CnNEL
Human Galectin-1
DC-ASGPR short
CCL-Mouse
CCL-Human
ABA
WT Galectin-3
Mouse NKR-P1C
Gal3C
GAL8
PTX-A
PTX-B
SNA
GNA (EY Lab)
GSL-II
CoPA
LsTxI
LsTxII
BTL
ME7(detected with a-488-BCR)
ME5(detected with a-488-BCR)
GS-II (EY Lab)
TdPBL2
AOL (Matreya Lab)
TL(EY Lab)
WGA
WGA(Seikagaku Bio)
PHA-E
PHA-L
LCA
PSA
WGA multimer

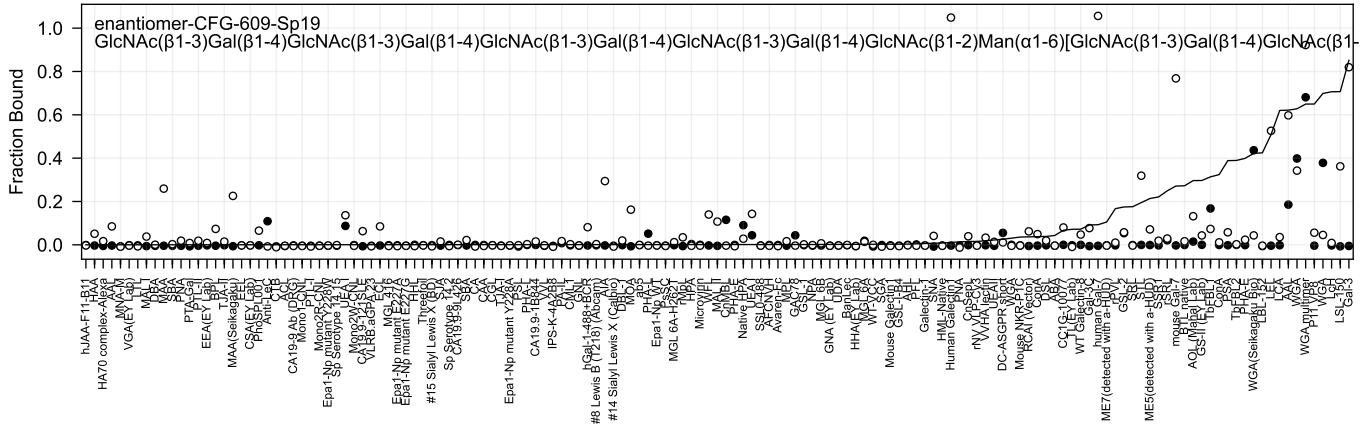

enantiomer-CFG-604-Sp24
Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)GlcNAc(β1-4)[Fuc(α1-6)]Gl
Fraction Bound
0.0
0.2
0.4
0.6
PTA-Gal
UEA I
LEA I
SNA
SSL-VP38
#15 Sialyl Lewis X (BG)
VGA(EY Lab)
PhoSL-1D1
hJAA-F11-B11
GS-II (EY Lab)
APN
GCN
APCN
Agrl-1A4
GSL-I-B4
HPA
EEA
Mouse NKS-1c
VERA-a-2C-1
Epa1-Np mutant Y229A
Lewis b (12-18)(Y-422)
#8 Lewis b (12-18)(Y-422)
Epa1-Np mutant E217A
Epa1-Np mutant E217K
Mono1-CNL
#14 Sialyl Lewis X (Galab)
CA19-9-SL-126
CA19-9 Ab (DRG)
MGL-1A
EEA(EY Lab)
Avarol-A4
Sp Serotype 14
Sp Serotype 1-12
Epa1-Np mutant Y229A
Epa1-Np mutant Y229F
Mono2-CNL
CA19.9-121-SGE
WGA(Seikagaku) Bio
Monoclonal
MNA-N
SBA
CA19.9-1B44
PHA-L
PHA-E
MGL-1A
MGL-1B
HA70 complex-A/H3
HA70 complex-A/H1
Thio
SBA
UEA
Native LEA
CSA(EY Lab)
PTA
hGal-1-488-RCR
NPA
NEA
MPL
MAA(Seikagaku)
DSA
SSA
MAL-I
MAL-II
Sp Serotype 1-12
Microvirin
ABA
PHA-E
HHA(EY Lab)
TJA-I
ME7(detected with a-H-Ub)
DBA
DBA-1
SNA
SNA-I
GNA(EY Lab)
HMA(Hybrid)
DC-ASGPR-Sol
Mouse Galectin-1
ME5(detected with a-H-Ub)
DSL
BPL
Galectin-1
WT Galectin-3
Epa1-Np WT
CoGA
MOL
YVHA lectin
hum Galectin-1
PTL-I
WGA
CC1G-1
LBL
CrSA-1
mouse Galectin-1
Human Galectin-1
AOL (Malabar lab)
TL(EY Lab)
CoPA
BSL
WFL
WGA mut
PHA-E
PHA-L
ISL-1
LCA
RCA I (Vector)
GNL
GalA
LcH

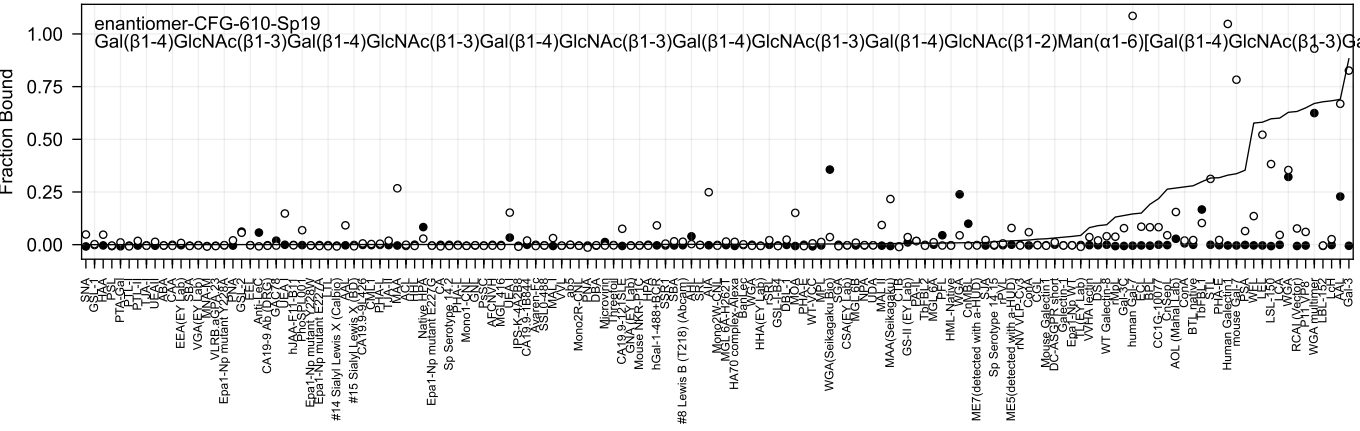

enantiomer-CFG-605-Sp24
GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4)
Fraction Bound
0.0
0.2
0.4
0.6
hJAA-F11
B11
BAA
PHA-E
PHA-L
GNL
PTA(Ascal)
HA70 complex
Mono2K-SNA
SNA
SBA
Threo(α)
Sp Serotype 14
#8 Lewis B (T218) (Abcam)
Sp Serotype 14-12
WFA-M
PhoSP
Erythro(α)
TJA-I
CA19-9 Ab (DSGI)
CA19-9 Ab (Abcam)
#14 Sialyl Lewis X (Calbiochem)
CA19.9-IgM
Epa1-Np mutant X226W
Mono1-SNA
CSA(EY Lab)
EDL
MAL
VGA(EY Lab)
VVL(EY Lab)
Sp Serotype 14-13
hGal-1 (488-135C)
Epa1-Np mutant F257L
WFA(Fecon)
Epa1-Np mutant Y228D
CML-1
MAA(Seikagaku)
#15 Sialyl Lewis X (Ab)
CA19.9-IgG
CDA
CGA
IPS-K-A258
Epa1-Np mutant T175L/F
CA19.9-1 (TSI-LF)
Mono2W-SNA
ABS
TJA
PTA
SSL-7
PsaSC
CTB
Banlec
MGL-1
LEL
UEA-I
NPA
PNA
MGA
EBA
ESL
GNA
BPL
HHA(EY Lab)
Microvirin
rOAV-Fc3
rOAV-Fc4
RCA(Vector)
Nigerlectin
APSV-1
MOA
GAL7
BTA-1
BTA-2
GSL-IA4
DBA
PWM
Mouse Galectin-1
WAL-I
Anti-Leb
GNA (EY Lab)
WGA
Cnn-SNA
Galectin-1
HML-Native
Human Galectin-1
BPL-1
PNA
CC1G-1-DSL
DC-ASGPR short
ABA
human Galectin-3
Mouse NRR-PTC
ECA
LEA
LBL-1
Con A
AIL
ME7(detected with a-HUD)
WT Galectin-3
GSL-I-B4
GSL-I-A4
mouse Galectin-3
SBL
SSL
P11-V58
ME5(detected with a-HUD)
GS-II (EY Lab)
AOL (Mahal Lab)
TL(EY Lab)
PHA-E
PHA-L
BPL
PSA
WGA
ABA
LSL-1
WGA(Seikagaku)
PSA
WGA
ABA
LSL-1
WGA mutant
Gal-3

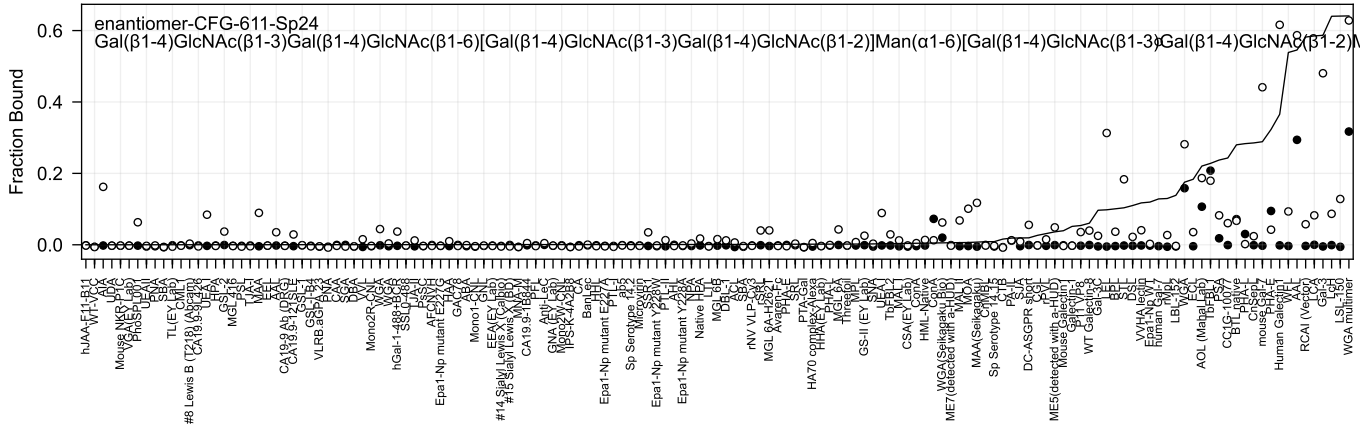

enantiomer-CFG-606-Sp24
Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Ma
Fraction Bound
0.0
0.2
0.4
0.6
SNA
SNL
TJA-I
TJA-II
PTA
Gal
UEA-I
ECA
VVL
Mono2W-CRD
GS-II(EY Lab)
RCA
SBA
VGA(EY Lab)
PhoSP-Glc
GSL-I
hJAA-F11
E-L4
CAA
CFL
Mono2-CRD
GNA
VLRB.a
CATH3-Lec28
CATH3-Lec28
Mouse NKR-P1C
#8 Lewis B(T218) (Axxam)
#15 Sialyl Lewis X(L-488)
Mono2-CRD
CA19-9(Calbiochem)
CA19-9(Calbiochem)
Sp Ser/Thr-Lec
CA19-9(Calbiochem)
GSL-IB4
AEC
NCWH
EE-Lec
Avelumab
VGL-1A
Epa1-Np mutant E227G
Bmap65
Fucs
FSL
SBA
CA19-9 (Axxam)
Epa1-Np mutant Y226W
MGL BA-Lab
VGA
WGA
Arb-Lec
HPA
PNA
PHA-L
Epa1-Np mutant Y226W
SSA
UEA-I
PSL
PFL
UEA-I
Mag-Lec
IPS-Mag-Lec
Epa1-Np mutant E227A
WGA(Seikagaku bio)
HA70 complex-Alexa
SNA
NPA
MPL
CAA
PSL
SBL
UDA
hGal-1-488-BCR
MGL
Sp Ser/Thr-Lec
NNV VLP-Cy3
HHA(EY Lab)
Tb-Lec-1
DBA
MALL
Tulexelol
CSA(EY Lab)
WGA
GNA
MAA(Seikagaku)
MOA
ME7(detected with a-Hu(D))
HML-Nalv4
#14 Sialyl Lewis X(Calbiochem)
VGA
CMeB
ME5(detected with a-s(Ugt))
SGA
PCL
ConA
Mouse Galectin-1
PNA
DSL
Galectin-1
Epa1-Np mutant
WGA(Seikagaku)
VVHA(Lectin)
Galectin-3
BPL
human Galectin-7
STL
FEL
AOL (Mahal Lab)
CC1G-10677
Bitc (Nalv9)
mouse Galectin-1
Human Galectin-1
Tdg
ConA
TL(EY Lab)
VVL
PNGase
PHA-E
P11-Lec
DSA
LBL-Lec
LCA
RCAI (Vector)
LSL-1
LSL-1
WGA multimer
Gal-3

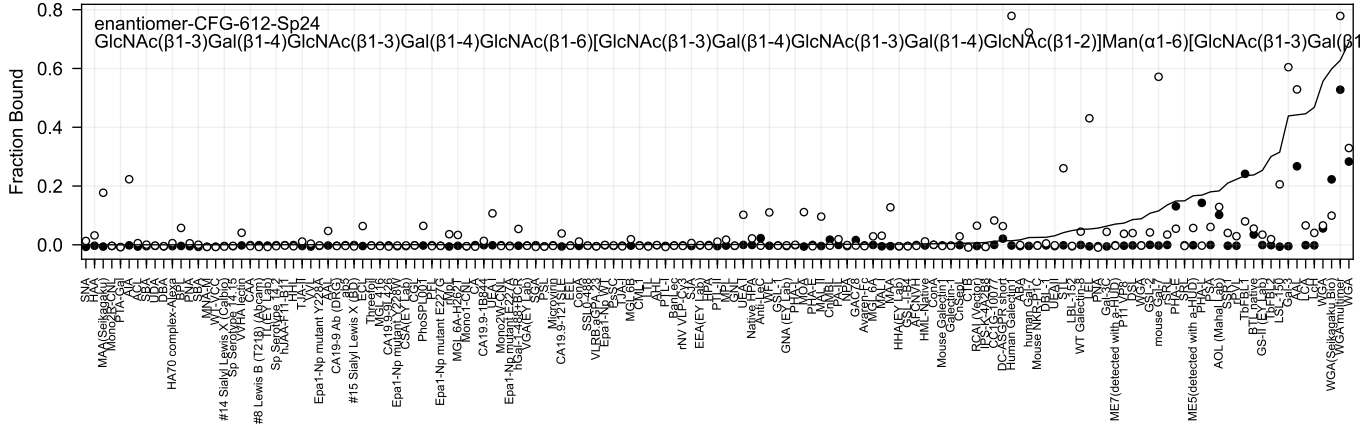

enantiomer-CFG-607-Sp24
GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-
Fraction Bound
0.0
0.2
0.4
0.6
0.8
#15 Sialyl Lewis X (BD)
PhaA
GNL
SBA
PhoSPLD1
CA19-9 Ab (DRG)
MAL
MAA
#8 Lewis B (T218) (Abcam)
#14 Sialyl Lewis X (Calbio)
UEA1
Epa1-Np mutant Y229A
T-Ag
FEL
Sp Serotype 14-13
hGal-1-488-BCR
CAA
CCL1
Sp Serotype 14-11
Mono2R-CNL
TJA-I
HA70 complex-Alexa
MGL-1416
MGL-2416
Epa1-Np mutant E229Q
Epa1-Np mutant E229A
HA2
MAA(Seikagaku)
VLRB.aGPA.23
VLRB.aGPA.2
Tim-1-Fc
EHL
CSA(BT-474)
CA19.9(BT-474)
PHA-E
PHA-L
MOA
AAL
CA19.9-1B244
PSA
hMAA-F1-B17
Epa1-Np-B17
Mono1-CVN
CA19.9-9-218
VGA(EY Lab)
DBA
Avarol-Fc
Mono2W-CNL
Microvirin
BPL-II
BPL-I
EEA(EY Lab)
PAL
Epa1-Np mutant E229Q
PFL
SSL0-488
VVHA-Alexa
PSSC
CrMel
IPS-K-4
AOA
WFL
rNV VLP-C-3
AFOXVH
NPL
TEL
CTB
Native Vector
RCA(Vector)
GSS-SS-1
GSS-SS-4
NAA-H
GNA(EY Lab)
MGL-1B5
MGL-6A
HHA(EY Lab)
WT-2C3
WT-2C6
Galectin-1
Galectin-3
Mouse Galectin1
Mouse Galectin3
DC-ASGPR Native
Human Galectin7
Human Galectin1
VNA
CC1G-1D5
ABA
DSA-4
DSA-1
Mouse NKR-P1-Fc
Human Galectin-4
Human Galectin-8
ME7(detected with Galectin3)
Gal3C
GSL-I-B4
SBL
LBL-192
PNA
TL(EY Lab)
PVL
mouse Galectin7
ME5(detected with B-HUD)
Tomato Lectin
AOL (Matsu Lab)
CGA
PVA-E
GS-II (EY Lab)
TD-B12
TD-B13
WGA(Seikagaku)
PHA-P
PHA-E
WGA multimer
WGA
WGA-Alexa
LSL-156
Gal-3
LCH

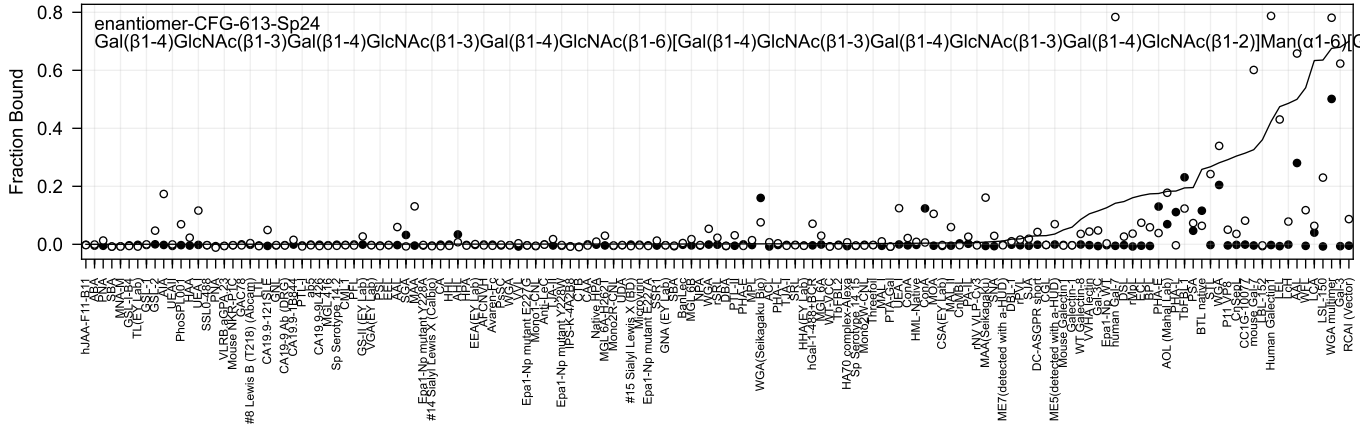

enantiomer-CFG-608-Sp24
Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Ga
Fraction Bound
0.8
0.6
0.4
0.2
0.0
hJAA-F11
B11
UEA1
BS-I
GSL-I-B4
SNA
ECA
VGA(EY Lab)
MAL-I
SSA(EY Lab)
VLRB.aB
AIA
PNA
PhoSL
GS-I
Sp Serotype 14
CA19-9 Ab
rNV VLP GN3
#14 Sialyl Lewis X (Calbiochem)
Mono2N-CNI
ETA
#15 Sialyl Lewis X (PD)
MGL
Epa1-Np mutant E227-6
Epa1-Np mutant E227-6
Mono2S-CNI
Epa1-Np mutant Y229A
Epa1-Np mutant Y229A
PEA
CA19-9 Ab (DRG)
UEA1
Mouse NK3
PTL
Mouse NK3
CAE(EY Lab)
#8 Lewis B (Y1218) (Abcam)
Bap-6A
MGL 6A-D2
DSA
DBA
DBA
TJA
Native PNA
PHA-L
PHA-E
CA19.9-IgM
HPA
PTL
Mono1-CNI
SBA
PTL
Mono1-CNI
SBA
Microvum
VVA
IPS-K-4
TEPA
MAA
MAA
MOR
SBA
SBA
hGal-1-488
SBA
PTL
PTL
NPA
HHA(EY Lab)
HA70 complex
Sp Serotype 14-15
Sp Serotype 14-15
PBA
PBA
MPL
UDA
UDA
MGL
MGL
MAL-I
MAL-I
TcFBL
Ayamin-C
Ayamin-C
WGA(Seikagaku Bio)
WGA(Seikagaku Bio)
GNA (EY Lab)
GS-II (EY Lab)
RBA
SNA
SNA
VGA
VGA
MAL-II
MAL-II
CSA(EY Lab)
CSA(EY Lab)
CTB
WT
ME7(detected with a-HUD)
MAA(Seikagaku)
CoMBL
HML
DC-ASGPR stock
ME5(detected with a-HUD)
PVL
CGA
Mouse Galectin-1
Epa1-Np
Galectin-1
WT Galectin-1
VVHA
Galectin-1
MGL
GP
GP
human Galectin-1
ECL
ECL
TL
TL(EY Lab)
OCL(Mag-Con)
AOL (Mag-Con)
BTL
BTL
naive
TcFBL
TcFBL
Human Galectin-1
mouse Galectin-1
PASE
PASE
TEL
TEL
P11
WGA
WFL
WFL
RCAI (Vector)
ACA
ACA
LBL-1
LBL-1
LSL-1
LSL-1
WGA multimer
Gal-3

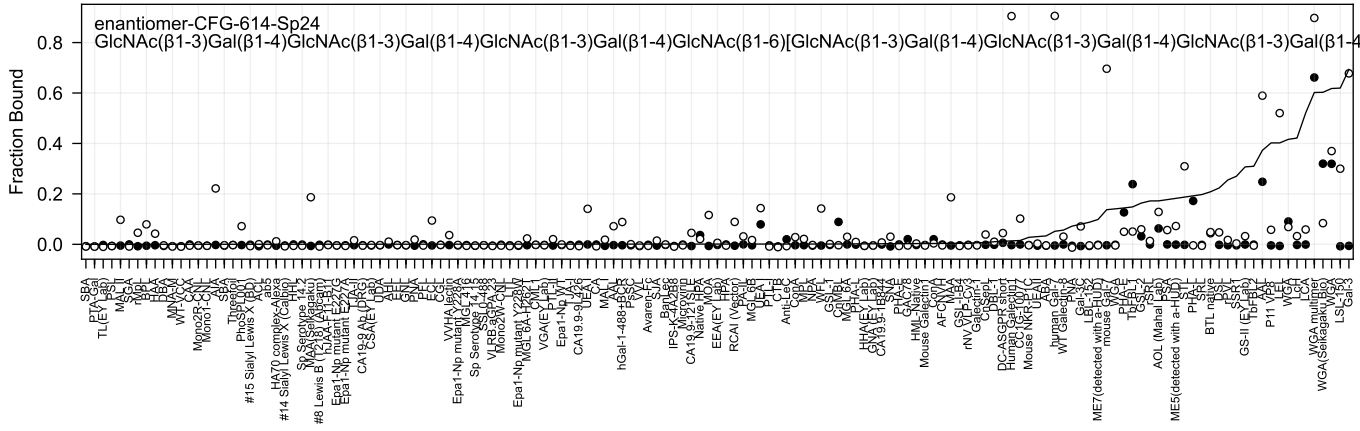

enantiomer-CFG-609-Sp19
GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-
Fraction Bound
1.0
0.8
0.6
0.4
0.2
0.0
hJAA-F11
HAA
HA70 complex-Alexa
MVA-M
VGA(EY Lab)
MAL
MAA
SNA
SBA
PTA
PTA-Gal
EEA(EY Lab)
BPL
TJA-I
MAA(Seikagaku)
CSA(EY Lab)
PhoSL(UGA)
Ame
CTB
CA19-9 Ab (OGS)
Mono1-PGM
MonoR-PGM
Epa1-Np mutant Y228V
Sp Serotype 1 EAT
CA19-9 Ab (Abcam)
Mono2-PGM
VLRB.aG2.25
MGL
Epa1-Np mutant E227A
Epa1-Np mutant E227A
HHL
#15 Sialyl Lewis B (Tyvelose)
SJA
Sp Serotype 14
CA19-9 Ab
SBA
CAA
TJA-I
Epa1-Np mutant Y228A
PhoSL
CA19.9-TBS44
IPS-K-4A2B8
CALL
hGal-1-488-BSL
#8 Lewis B (P2116) (Abcam)
#14 Sialyl Lewis X (Calbiochem)
DBL-2
ABO
Epa1-Np
HPA
MGL 6A-H2A2
HPA
MicroWFL
CNA
CNA-L
PHA-E
Native (EY Lab)
SSL-1/38
AAL
Avarol-Fc
MOR
GAL
GSL-I
MGL-BB
GNA (EY Lab)
Bgn Lec
HHA(Bgn Lec)
NGL-BN
WT-SCX
Mouse Galectin1
GSL-I-B4
PFL
Galectin
SNA
HML-Native
Human Galectin
PNA
rNV-Fc
OPS-Fc
VVHA (Jenin)
DC-ASGPR short
VPA
Mouse NKR-P1A
RCA(Vector)
CGA
CC1G-Fc
ABA
WT Galectin-3
human Galectin-7
GSL-I
ME7(detected with a-Sialyl)
ME5(detected with a-Sialyl)
mouse Galectin-1
BPL (Native)
AOL (Native)
GSL-I-B4 (Native)
TcBL
CSA
TJA-I
BPL
PFL
WGA(Seikagaku)
LBL-1
LCA
VFA
WGA
WGA-Alexa
PHA-L
WGA
WGA
LSL-1/2
Gal-3

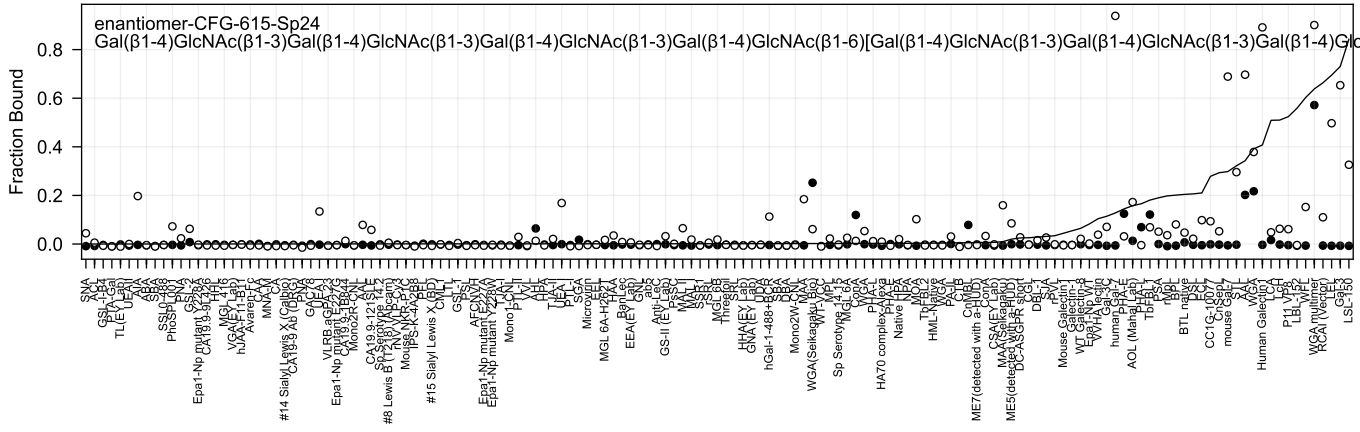

enantiomer-CFG-610-Sp19
Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Gal(β1-4)GlcNAc(β1-3)Ga
Fraction Bound
1.00
0.75
0.50
0.25
0.00
SNA
GSL-I
BPA
PTA-Gal
PTL-I
UEA
UEA
EEA(EY
VGA(EY
VLRB.a
Epa1-Np mutant
PNA
GSL-II
Anti-Le
CA19-9 Ab
GNA
hUA-E1
PhoSL
Epa1-Np mutant
Epa1-Np mutant
#14 Sialyl Lewis X (Ca
#15 Sialyl Lewis A (Ba
CA19.9
PCL-1
PHA-L
KAA
DSA
Nal(Vg2)
Epa1-Np mutant
Sp Serotype 1
Mono1-CNL
AEL
MGL
JFS-K-4
CA19.9-TB
SSA(Pn18)
MAL
Mono2R-CNL
DBA
Microvilin
CA19.9-PTSL
Mouse NKR-P1C
hGal-1-488
SBA
#8 Lewis B (T218) (Ab
ASL
SJA
Mono2W-CNL
MGL2W-CNL
HA70 complex
Alpaca
BWL
HHA(EY
GSL-I-B4
DSL
DBL-2
PHA-E
WFL
WGA(Seikagaku
CSA(EY
MGL-1
NPA
MAL-2
MAA(Seikagaku)
GS-II (EY
Can
PAL
TKA
MGL-2
HML-WGA
PHL
ME7(detected with
ME5(detected with
Sp Serotype 1
CoA
Mouse Galectin
DC-ASGPR short
Epa1-Np WT
VVHA (Lean)
WT Galectin
Gal-7
human Galectin
BGL
CC1G-10077
CaSGL
AOL (Marasmius
ConA
BTL
PHA-P
STL
Human Galectin
mouse Galectin
WFL
LSL-15
WGA
RCA(Vg1gp)
WGA
LBL-125
AAL
Gal-3

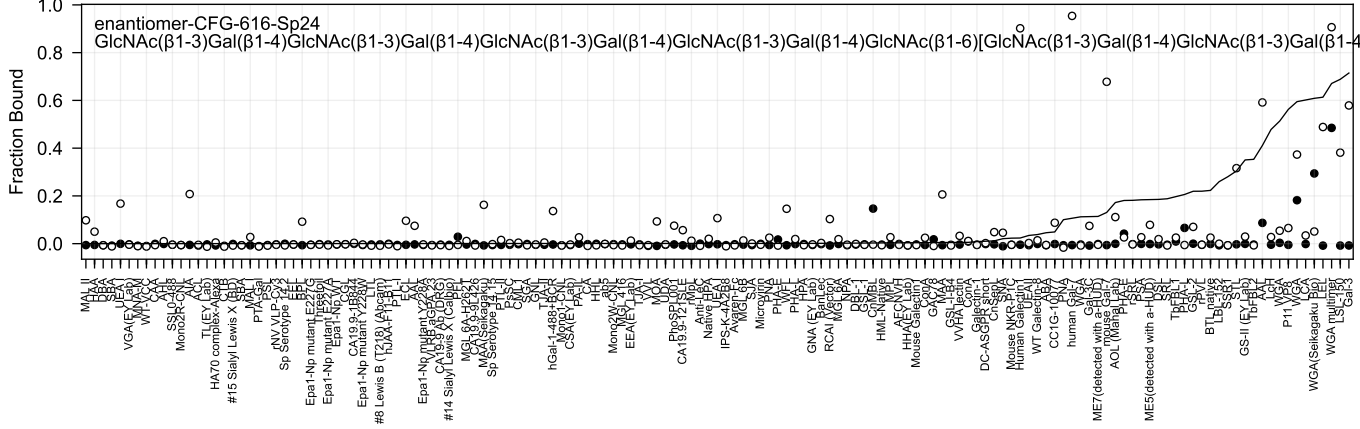

enantiomer-CFG-611-Sp24
Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-6)[Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)]Man(α1-6)[Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)]M
Fraction Bound
0.0
0.2
0.4
0.6
hJAA-F11-R11
WT-VRC01
LAA
Mouse NKR-P1C
PTA
Mouse NKR-P1C (Lab)
PNGase F (Lab)
DEAI
SBA
TL(EY Lab)
#8 Lewis B (TZ18) (Abcam)
CA19-9-HEA
EPA
MGL 2-18
TJA-I
MAA
EAE
CA19-9 (Lab)
CA19-9 (Abcam)
CSL-1
VLRB.B3
PNA
SSA
DBA
Mono2R-ONL
WGA
PTL-I
hGal-1-488-B3
SSL-1
LTA
AFSGH
Epa1-Np mutant E227G
GAL8
ABA
Mono1-ONL
EEA
EE A(EY Lab)
#14 Sialyl Lewis X (Abcam)
#15 Sialyl Lewis X (Lab)
CA19.9-TB244
PFL
Apy
GNA (EY Lab)
NPA-K (Abcam)
CA
Ban
HPA
Epa1-Np mutant E227A
PHA-E
Sp Serotype 8
Sp Serotype 8 (Microvolution)
Epa1-Np mutant Y228V
PHA-L
Epa1-Np mutant Y228A
NBA
Native LTA
MOA
DBL6A
Act
nNV VLP-S23
MGL 6A-HSA
Avaren-FC
PHA-P
PTA
PTA-Gal
HA70 complex (Lab)
PHA(EY Lab)
MGL 2-18
Thrombin
GS-II (EY Lab)
SNA
Tra
TcaBCL
CSA(EY Lab)
ConA
HML-NonX
WGA(Seikagaku Lab)
ME7(detected with a-HLDD)
MAL I
MAA(Seikagaku Lab)
Sp Serotype 7
CAPN1
C1B
PSA
DC-ASGPR short
CVN
ME5(detected with a-HLDD)
Mouse Galectin-1
WT Galectin-3
Gal-3C
BEL
SSL
VVHA lectin
Human Galectin-7
Human Galectin-9
MGL
LBA
WGA
Eco
AOL (Mabgal Lab)
TcB-B1
CC1G-10027
BT-pneumolysin
CnSerp
mouse Galectin-1
Human Galectin-1
AAL
RCAI (Vector Lab)
Gal-3
LSL-150
WGA multimer

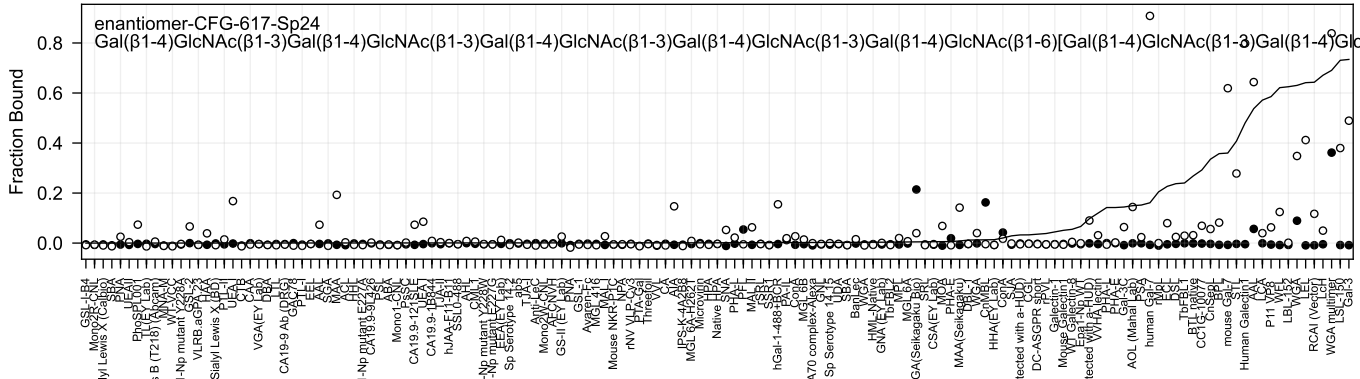

enantiomer-CFG-612-Sp24
GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-6)[GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)]Man(α1-6)[GlcNAc(β1-3)Gal(β1
Fraction Bound
0.8
0.6
0.4
0.2
0.0

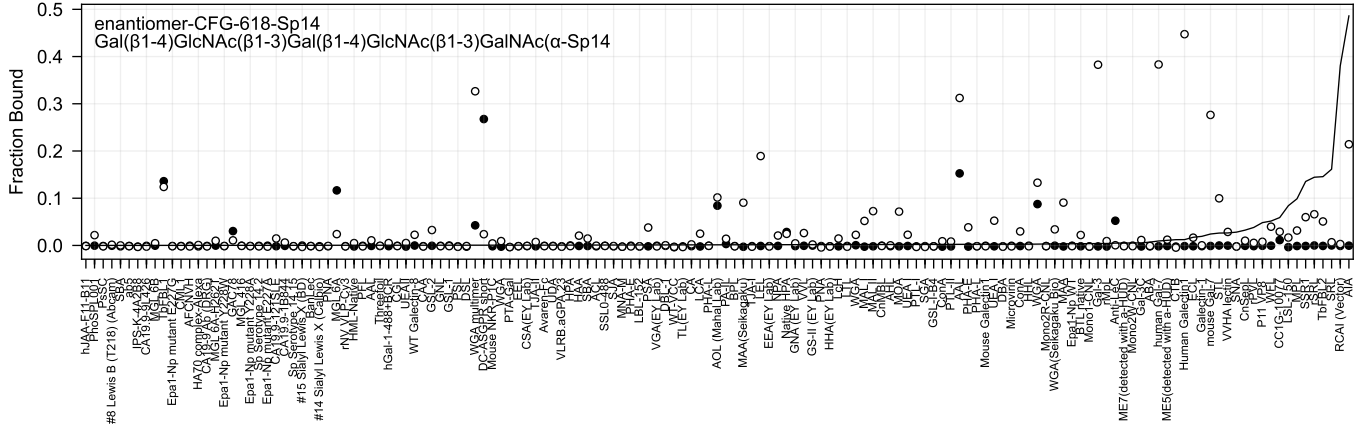

enantiomer-CFG-613-Sp24
Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-6)[Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)]Man(α1-6)[G
Fraction Bound
0.0
0.2
0.4
0.6
0.8
hJAA-F11-B11
ABA
ENA
MNA-A
MNA-M
GLEC (Lab)
TL(EY Lab)
GSL-I
SSA
PhoSH (EY)
HAA
SSL-1
SSL-7
PNA
VLRB-GFP
Mouse NKR-P1C
#8 Lewis B (T218) (Acetic
CA19.9 - 12 - SNE
CA19.9 - 12 - TFL
CA19.9 - 12 - PE
CA19.9 - 12 - PTL
CA19.9-aa
Sp Serotype 4
NGI 416
CL-1
PF-1
GSII (EY Lab)
VGA(EY Lab)
EEL
AAL
MAA
ACG
#14 Sialyl Lewis X (Calbio)
HCA
HLA
ALL
HPA
EEA(EY Lab)
AFL(NOV)
Avarol-SC
WGA
Epa1-Np mutant E227Q
Epa1-Np mutant E227Q
Epa1-Np mutant Y122A
Epa1-Np mutant Y122A
CTB
Native-PEA
Mac-2(CHR26)
UDA
#15 Sialyl Lewis X (Glycom)
Epa1-Np mutant E227A
GNA (EY Lab)
Bacillus
MGL-EB
WGA
CSA
PTL-I
PTL-II
WFL
WGA(Seikagaku Bio)
PHA-L
PHA-E
SBA
HHA(EY Lab)
hGal-1-Fc
MGL-SA
WGA
TD-B-C2
HA70 complex-Alexa
Sp Serotype 4
Wortmannin-CNF
Thiogalol
PTA-Gal
OEA
CTA
HML-Native
XOA
CSA(EY Lab)
CAML
nDV VLP-C-3
MAA(Seikagaku)
ME7(detected with a-HUD)
DBA
SJA
DC-ASGPR sigt
ME5(detected with a-HUD)
Mouse Galectin-1
WT VLP-C-3
Galectin-3
human Gal-7
Epa1 Np 107
human Gal-7
NST
EBL
PNA
PL-E
AOL (Mana Lab)
TD-B-1
BTL-rabbit
SJL
P11
VPA
CC1C-10697
mouse Gal-7
Human Gal-1
LEL
AAL
ACG
WFL
LSL-1
LSL-1-50
WGA mutant
Gal-3
RCA(Vector)

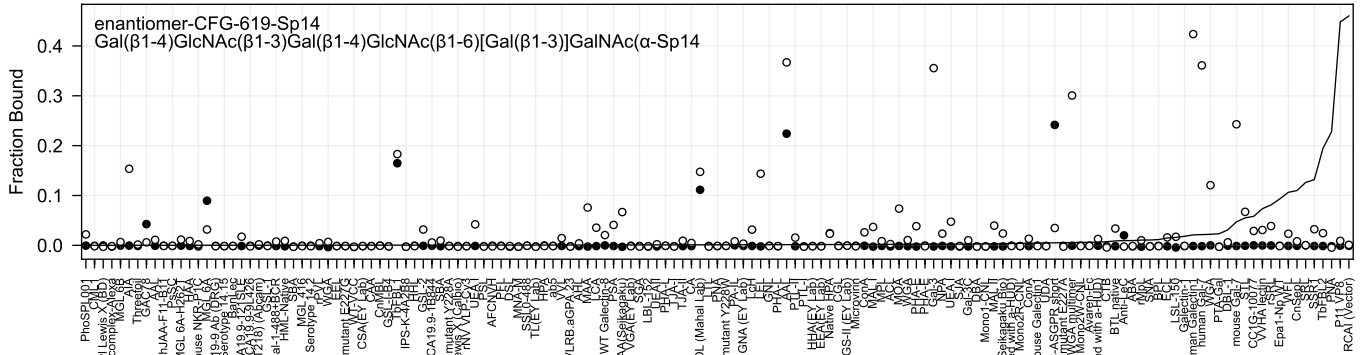

enantiomer-CFG-614-Sp24
GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-6)[GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4
Fraction Bound
0.0
0.2
0.4
0.6
0.8
SBA
RTA
Gal
TL(EY Lab)
MAL I
SNA
NPL
BPL
PHA-L
DBA
WFA
WFA(N)
CAA
Monos3-CN
Monos1-CN
SAA
Thrombin
Pho
Tomato(p)
#15 Sialyl Lewis X (BD)
ACL
HA70 complex-Alexa
#14 Sialyl Lewis X (Calbiochem)
#8 Lewis B (Seikagaku)
Sp Serotype 14 2
MAL II (Seikagaku)
hJAL1 (Biotin)
Epa1-Np mutant E227Q
Epa1-Np mutant E227Q
CA19.9 Ab (DRG)
CSA(EY Lab)
ADA
ACA
EEL
EIL
PNA
ECL
EFL
CGL
VVHA
Epa1-Np mutant Y228F
MGL 416
Sp Serotype 14 2
SSL1-488
Vicia villosa
Epa1-Np mutant Y228F
MGL(BA-1)-488
CML
VGA(EY Lab)
PHA-M
Epa1-Np Y4
CA19.9-Alexa
UEA
MAL I
CCA
hGal-1-488+BCB
PCL
PWY
Avares-LE
Bauhinia
IPS-Alexa488
CA19.9-12*SLE
Native
MOA
EEA(EY Lab)
RCAI (Vector)
MGL-488
MGL
PEA
CTB
Ano-Lec
NPL
WFL
WFA
CGL
GNA-1
MGL-BA
HHA(EY Lab)
HHA(EY Lab)
GNA-1 (Lab)
CA19.9-FITC
SNA
CAA
CAA-B
HML-Native
Mouse Galectin-1
AFCNV4
GSL-I-B4
nNV Galectin-3
CRSP-1
DC-ASGPR short
Human Galectin-1
Mouse NKR-P1C
UEA
Human Gal-2
WT Galectin-3
PNA
Gal-3
LBL
ME7(detected with a-HUD)
mouse VVGA
TDGL-2
TDGL-1
GSL-2
AOL (Mahal Lab)
ME5(detected with a-HUD)
STL
PHA-E
PHA-L
BTL native
PSL
SSA
GS-II (EY Lab)
TcFBP2
TcFBP1
P11
VVA
VGA
VGA multimer
WGA(Seikagaku Biol)
LSL
VVL
Gal-3

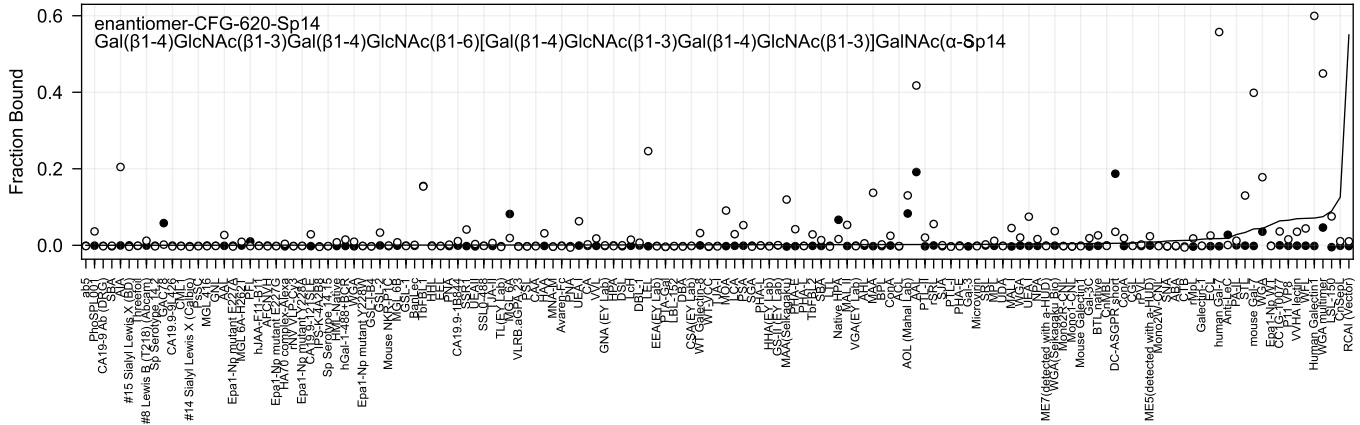

enantiomer-CFG-615-Sp24
Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-6)[Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)Glc
Fraction Bound
0.0
0.2
0.4
0.6
0.8
SNA
ACA
GSL-I B4
GSL-I A4
TL(EY Lab)
UEA-I
ABA
ABA
SSA 398
SSA 398
PhoSL
PhoSL
GSL-II
Epa1-Np mutant Y229A
CA19.9-12-15
CA19.9-12-15
CA19.9-12-15
HPA
HPA
MGL-1 (EY Lab)
VGA(EY Lab)
hJAL-B-PT
Artelin-PT
CAA
MNA-CA
#14 Sialyl Lewis X (Calbiochem)
CA19.9 Ab (Calbiochem)
PNA
GlcFA
GlcFA
VLRB.aG7.c22
Epa1-Np mutant Y229A
CA19.9-12-15
Mono2R-CNL
CA19.9-12-15
CA19.9-12-15
SLE
#8 Lewis b (Calbiochem)
SNA-I (EY Lab)
Mono1R-CNL
IPS-IR-Ab288
#15 Sialyl Lewis X (Calbiochem)
GSL-I
GSL-I
AFL
Epa1-Np mutant Y229A
Epa1-Np mutant Y229A
Epa1-Np mutant Y229A
Mono1-CNL
Lv
PL-I
ABL
ABL
TJA-I
TJA-I
SGA
SGA
Microvirucidin
EEL
MGL 6A-H2XA
BpnLec
EEA(EY Lab)
GNL
abc
Arth. Lab
GS-II (EY Lab)
MAL
MAL
MAL I
SSL
SSL
MGL-1B
TKA-1
SRL
HHA(EY Lab)
GNA(EY Lab)
hGal-1-488
PPA
SBA
SBA
Mono2W-CNL
MAA
WGA(Seikagaku)
WAA
Sp Serotype 1
MGL 6A
KVGA
KVGA
PVGA
PVGA
HA70 complex
PHA-E
Native
NPA
MOA
Thy-1
HML-Native
PAGA
PAGA
CTB
CTB
ME7(detected with anti-IgM)
Con A
CSA(EY Lab)
MAA(Seikagaku)
ME5(detected with anti-IgM)
DCA(ASGPR-HL)
SGL
DSL
PNA
PNA
Mouse Galectin-1
VEL Galectin-4
EBL
WVA(Seiken)
human Gal-7
AOL (Marine Lab)
PHA-E
PHA-L
TEL
BSA
MPL
MPL
BTL native
PSL
CC1G-1007
mouse Gal-7
SJL
SJL
WGA
Human Galectin-1
VCA
VCA
P11
VCA
LBL
LBL
WFL
WGA mutant
RCA (Vector)
GalA
GalA
LsL-150

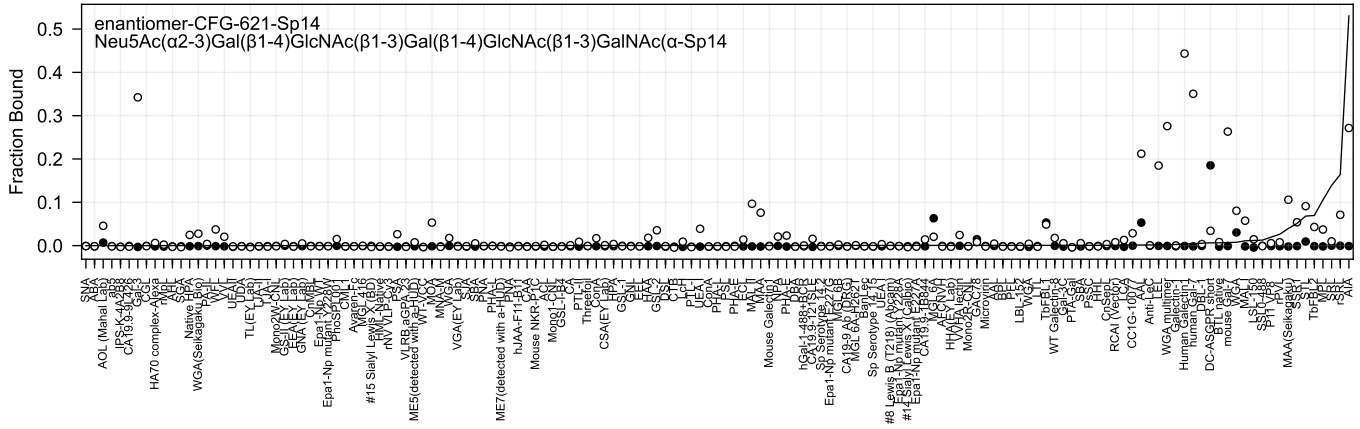

enantiomer-CFG-616-Sp24
GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-6)[GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4
Fraction Bound
1.0
0.8
0.6
0.4
0.2
0.0
MAL-I
MAA
SNA
UEA-I
VGA(EY Lab)
WFA
VVA
ACA
SSL-28
MonoZK-488
ACG
TL(EY Lab)
HA70 complex-Jeese
#15 Sialyl Lewis X (LBP)
MAH
PTA-Gal
dNV VLP-C3-2
Sp Serotype 12F
BPL
Epa1-Np mutant E227Q
Epa1-Np mutant E227A
Epa1-Np mutant E227A
Epa1-Np (CG)
CA19.9-12BM4
Epa1-Np mutant E227A
#8 Lewis B (TOMAN-11)
PTL-I
LTL
AAL
Epa1-Np mutant Y229A
CA19.9 Ab (CORGI)
#14 Sialyl Lewis X (Calbiochem)
MGL (EY Lab)
MAA (Seikagaku)
Sp Serotype 1-LF
PNA
ECA
SBA
TJA-I
DBA
hGal-1-488+BCR
MAN
CSA(EY Lab)
PAL
HHL
Mono2W-488
NGA-416
EEA(EY Lab)
MOA
UDA
Phos-SP
CA19.9-12BM3
Ame
Mpl
Native PPA
IPS-K-4A7E4
Avarol-FE
MGL
SJA
Microvirin
PHAE
PWM
PWT
HPA
GNA (EY Lab)
BanLec
RCA I
Man-SP
NPA
GSL-I
CMMbl
HML-1
MPP
AEC
HHA-AEC
Mouse Galectin-1
GAL8
GAL9
MAA
GSL-II
vvRA lectin
Galectin-1
DC-ASGPR short
Galectin-3
Mouse NKR-P1C
SNA
human Galectin-1
DEAI
WT Galectin-3
ABA
CC1G-1
WGA
human Gal-7
WGA
ME7(detected with a-Lab)
GSL-I
AOL (Wako Lab)
PHA-E
RCA
ME5(detected with a-Lab)
SBA
SSL1
TBP-1
PTA-1
GSL-2
BTL
Lb
SSB1
SSL2
GS-II (EY Lab)
TBP-2
ACA
P11
WGA
WGA
WGA(Seikagaku)
BCA
LEL
WGA (Wuhan)
Gal-3

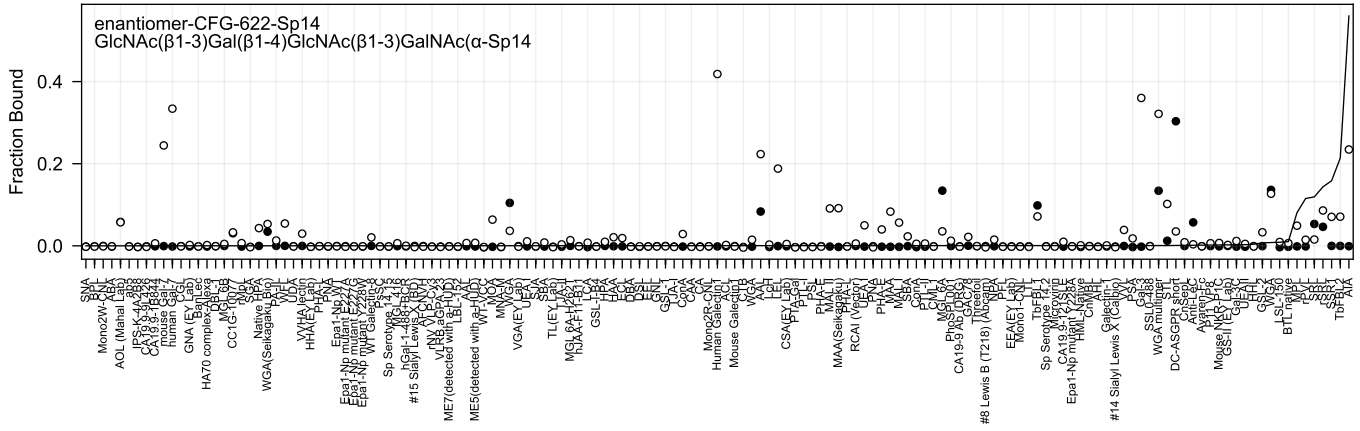

enantiomer-CFG-617-Sp24
Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-6)[Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)Glc
Fraction Bound
0.0
0.2
0.4
0.6
0.8
GSL-I-B4
Monoclonal
#14 Sialyl Lewis X (Calbiochem)
PNA
LCA
PhoSL (EY Lab)
#8 Lewis B (T216) (Calbiochem)
UEA-I
Epa1-Np mutant Y229X
GSL-I-A4
VLRB.aGFP
#15 Sialyl Lewis X (EY Lab)
UEA-I
CTA
VGA(EY Lab)
DBA
CA19-9 Ab (DRG)
GNL
GPL-I
ECL
SBA
MOR
Epa1-Np mutant E201Q
CA19-9 Ab (Calbiochem)
ABA
Mono1-C5
CA19.9-12(SCE)
CA19.9-1(DEA)
hJAA-F11-A
SSL1-B3
CAL-I
Epa1-Np mutant Y229W
Epa1-Np mutant E201Q
Sp Serotype 14.2
JA3
TJ
Mono2-C6
AAL
ACTN(V)
GS-II (EY Lab)
PNA
GSL-I
Avenin
MGL-A18
Mouse NKR
PAC-1
NPA
rNV VLP
PHA-G
Threonin
VIA
VCA
IPS-K-4A8
MGL-6A-H2621
Microcystin
Native SWA
PHA-L
PHA-E
MAL-II
SSBT
hGal-1-488
BPCH
CON-A
CAL-I
HA70 complex
MGL-6B
Sp Serotype 14.15
SBA
BaWGA
NNL
NNL-Native
GNA (EY Lab)
TxBP2
MEA
MGL
WGA(Seikagaku Biochem)
CSA(EY Lab)
PNA
MAA
MAA(Seikagaku)
DSA
VVA
CoMBL
HHA
HHA(EY Lab)
CoPA
ME7(detected with a-HUA)
CGL
DC-ASGPR
SPA
Galectin-1
Mouse Galectin-3
VCP Galectin-3
ME5(detected with Epa1-NLUD)
WHA
Alectin
EHA-E
Gal-3C
AOL (Marina)
PSA
human Gal-1
Gal-7
ESCT
TxBP1
BTL
CCL (10049)
CrSGP
mouse Gal-7
STL
Human Galectin-7
AAL
P11
VSA
WFL
LBW
WGA
RCAI (Vector)
LCH
WGA (Vector)
Gal-3

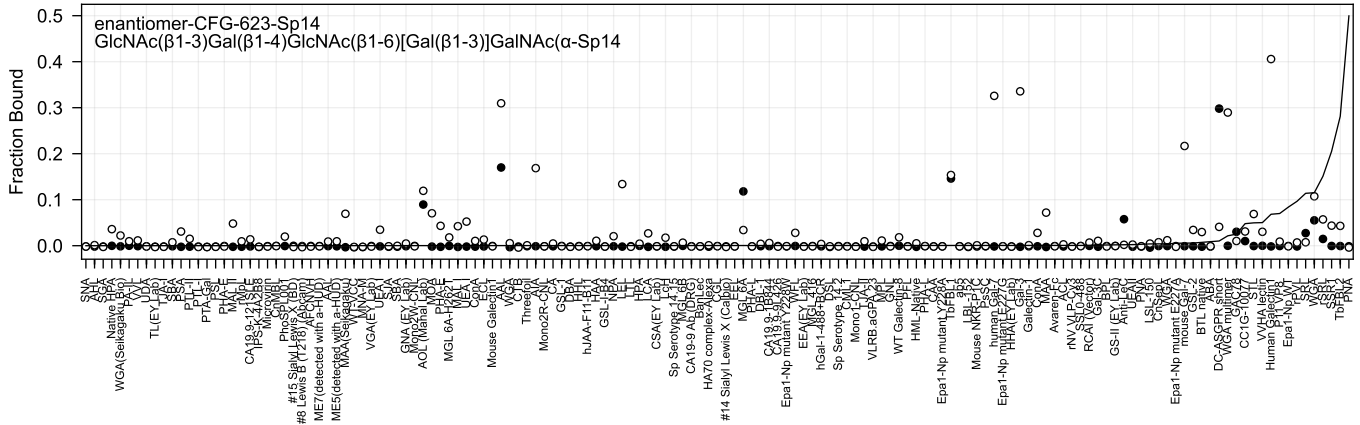

enantiomer-CFG-618-Sp14
Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)GalNAc(α-Sp14
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
hAA-F11 B11
PhoSH PsSC
#8 Lewis B (T218) (Ab
SBA
JPS-K-4A
CA19.9-1428
WFA
Epa1-Np mutant E270G
AfcNVH
HA70 cpmyb-(1B43)
CA19.9-1116
MGL 6A-(2B07)
Epa1-Np mutant G470A
MVA-2A6
Epa1-Np mutant
Sb Secondary 1-2
Epa1-Np mutant
CA19.9-1116
#15 Sialyl Lewis X (6D
#14 Sialyl Lewis x (Gallac
PNA
MGL
rNV VP-CV3
HML-Native
AAL
hGal-1-488
Thy-1
UEA-I
WT Galectin-8
GSL-I-A4
GNL
GSL-I
BSL
WGA mutant
DC-ASGPR sport
Mouse NKR-P1A
PTA-Gal
CSA(EY Lab)
Avarol
VLRB.aGP
HPA
EBA
ACL
SSL-28
MNA-M
LBT-125
VGA(EY Lab)
PSA
TL(EY Lab)
LCA
PHA-L
AOL (Manalab)
BPL
MAA(Seikagaku)
AAL
LEL
EEA(EY Lab)
NPA
Neuro
GNA
VVL
GS-II (EY Lab)
PRA
HHA(EY Lab)
LTA
WGA
MAL
CNL
ABL
MEA
PTL-I
GSL-I-B4
PCL
PTA
AAL
PHA-E
PHA-L
DBA
Mouse Galectin-1
Microcystin
CNL
Mono2R-OGA
WGA(Seikagaku, Bio
Epa1-Np WT
MTL
Mono 2-(1D08)
Gal-3
Anti-Tac
Gal-3C
ME7(detected with a-HUR)
Mono2-(1D10)
Gal-9
human Gal-9
ME5(detected with a-HUR)
Human Galectin-1
EC-1
Galectin-7
mouse Gal-7
VVHA lectin
SNA
Con A
PSL
PP2
P11 VCF
CC1(Gal-0077)
LSL
MBL
SSBL
TbFBP
RCAI (Vector
AIA

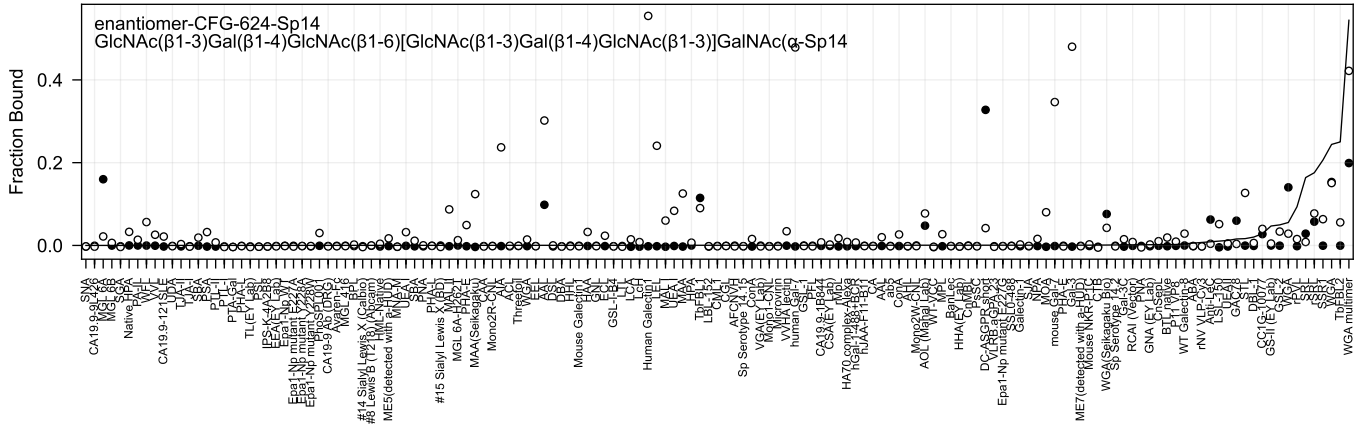

enantiomer-CFG-619-Sp14
Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-6)[Gal(β1-3)]GalNAc(α-Sp14
Fraction Bound
0.0
0.1
0.2
0.3
0.4
PhoSPL 001
#15 Sialyl Lewis X (Bio)
HA/9 compound
MGL 488
Tunicamycin
AIA
GKC 278
hJAA-F11 811
MGL 6A-Fucose
BAA
Mouse NKR-P1A
CA19.9 Ab (Dr.G)
Sp Serotype 8
Ban lec
CA19.9 (Sigma)
#8 Lewis B (T218) (Abcam)
hGal-1-489-BC-1
HML-Neuraminidase
MGL 218
Sp Serotype 6/7
VGA
Epa1-Np mutant E275C
CSA(EY Lab)
CAA
GSL-I-B4
IDB-B1
IPS-K-48-B1
HHF
CA19.9-Fab'2
SBA
Epa1-Np mutant Y229A
#14 Sialyl Lewis X (Calbiochem)
NW VLP-C-X3
PSL
AFO
DSL
MPL
SSL-P488
TL(EY Lab)
HPA
ACG
VLRB.aGPA
ACL
ACA
WT Galectin-3
MAA(Seikagaku)
VGA(EY Lab)
SBA
LBL-120
PTA-1
TJA-I
CA
AOL (Mahal Lab)
Epa1-Np mutant Y229A
PAA-I
GNA (EY Lab)
GFL
PTA
PTL-I
PTL-II
HHA(EY Lab)
EEA(EY Lab)
Native PSA
GS-II (EY Lab)
Microcystin
MAL
ACI
MGA
MGA2
PHA-E
PHA-L
Galectin-1
UEA-I
SJA
GNA
Gal-8
Mono1
Mono2
WGA(Seikagaku) (Bio)
ME7(detected with a-PLCD)
Mouse Galectin-7
ConA
Mouse Galectin-9
RC-ASGPR 8192
Epa1-Np mutant Y229A
WGA (Vector)
Morpo2(EY Lab)
ME5(detected with a-PLCD)
BTL native
Anti-TBX
MPA
SNA
Eco
LSL
Galectin-1
Human Galectin-1
human WGA
WGA
PTA
DBA-1
mouse Sal-7
CG1G-10077
VVHA (Vector)
Epa1-Np WT
CnSBL
SBT
SBB
TbPLA
VPA
P11
RCAI (Vector)

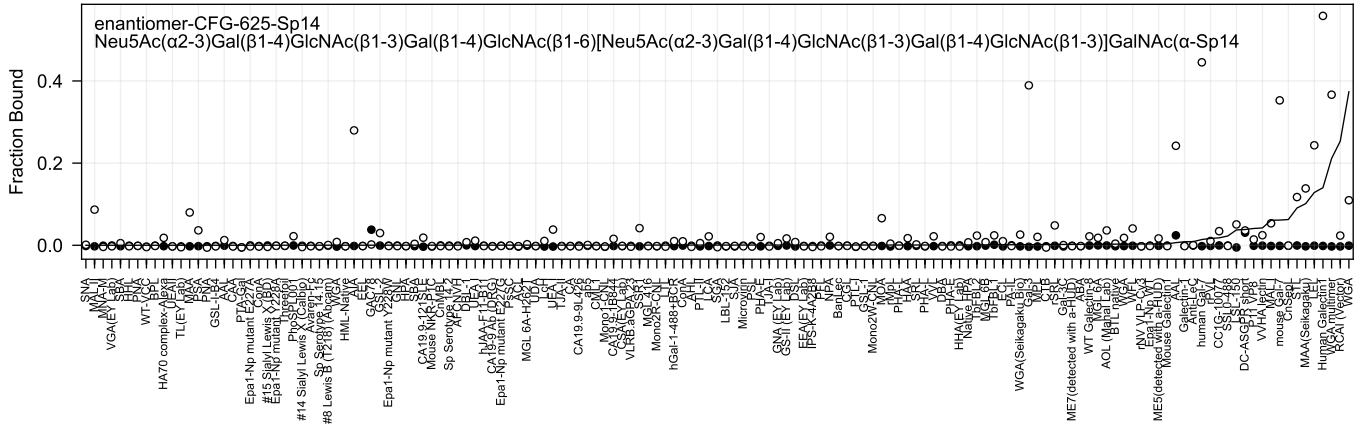

enantiomer-CFG-620-Sp14
Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-6)[Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)]GalNAc(α-Sp14
Fraction Bound
0.0
0.2
0.4
0.6

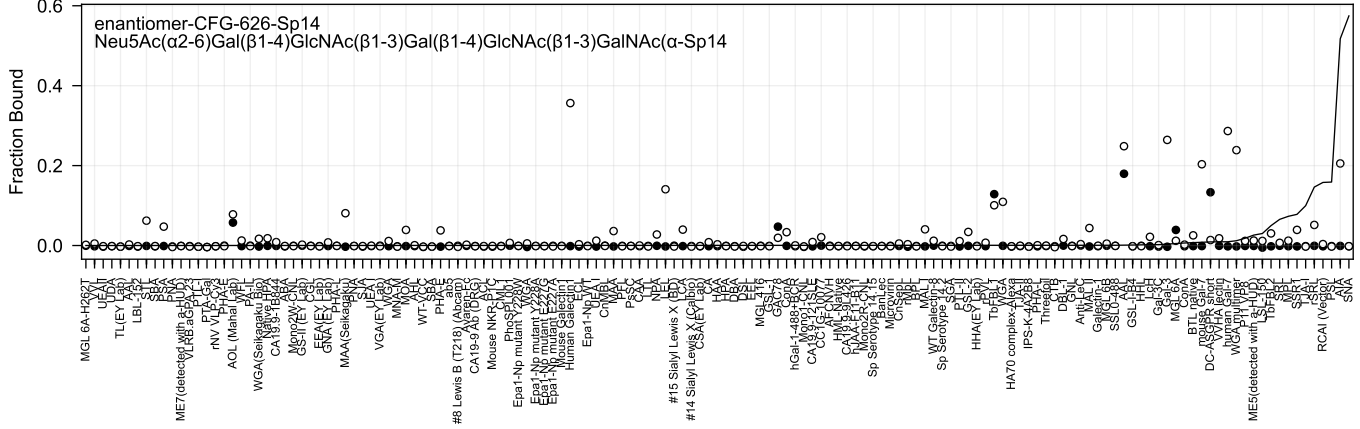

enantiomer-CFG-621-Sp14
Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)GalNAc(α-Sp14
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
SNA
SNA
AOL (Mahal Lab)
JRS-K-4A
CA19-9-Sp23
CGL
HA70 complex-Hyde
SAL
ASL
Native PNA
WGA(Seikagaku)
UEA
WF
UEA
UDA
TL(EY Lab)
LA-II
Mono2W-ONL
GSL-I(EY Lab)
GNA(EY Lab)
PNA
Epa1-Np
Epa1-Np mutant V22A
PhoSCML
#15 Sialyl Lewis X (BD)
rNVL-Biotin
PSA
VLRB.aG1(Fab)
ME5(detected with a-Fab)
WT-WOX
MNA-M
VGA(EY Lab)
SNA
SNA
PHA-L
ME7(detected with a-Fab)
PNA
hJAA-F11
PAA
Mouse NKR-P1C
Mono1-ONL
GSL-I-A4
PTL-I
Thy1-Fc
CSA(EY Lab)
HPA
GSL-I
GSL-I
EEL
ECA
GNA
DSL
CFA
CFL
PTL-I
CGA
PSL
PHA-E
MAL-I
MAA
Mouse Galectin-9
NPA
PCL
PCE
hGal-1-488+RCB
CA19-9-Sp23
Sp Serotype 14-2
Epa1-Np mutant V22-D6
CA19-9 Ab (DRG)
MGL 6A2 (Biotin)
Sp Serotype 14-15
#8 Lewis B (T218) (Abcam)
#1 Epa1-Np mutant (C3G8A)
Epa1-Np mutant E282A
CA19-9 Ab (Abcam)
MAL-64
AEX-1
AEX-1(V1)
VVA(Lectin)
MonoGSC-1
Microvirin
BPL
BPL
LBL-1
WGA
TbFBL1
WT Galectin-8
PTA
PTA-gal
SSA
PNA
FHL
Cocoon (Vector)
RCAI (Vector)
CC1G-1004
AAL
Ann-1
LEL
WGA-multimer
Human Galectin-1
human Dal-1
mouse Dal-1
mouse Galectin-9
MGA
MGA
hSL-1
hSL-1
SP1 (T-188)
PVL
MAA(Seikagaku)
SSL(EY)
TbFBL1
TbFBL1
MPL
SBL
rSBL
AIA

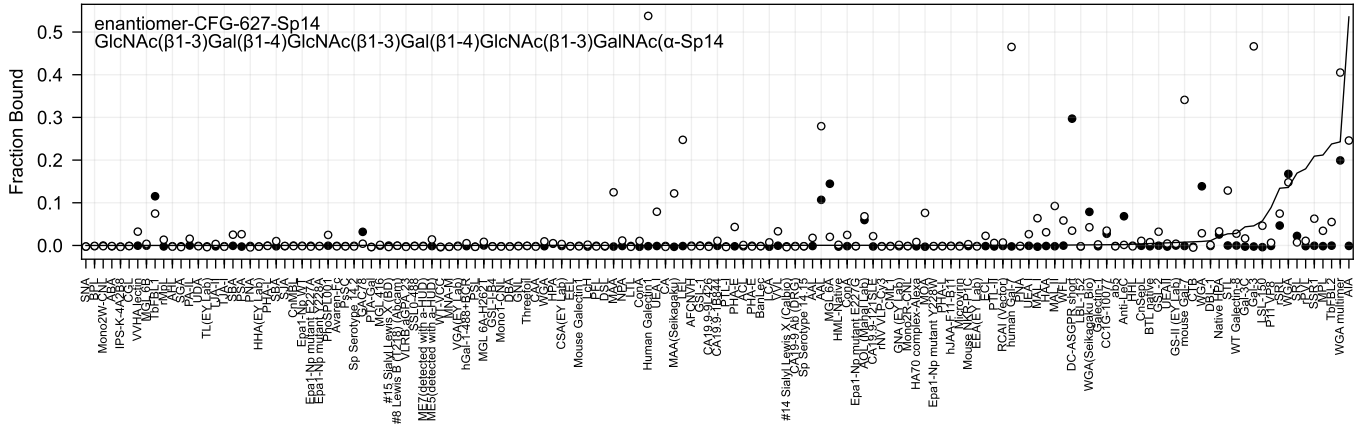

enantiomer-CFG-622-Sp14
GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)GalNAc(α-Sp14
Fraction Bound
0.0
0.2
0.4
SNA
SNL
Mono2W-CNL
AOL (Mahal Lab)
JPS-K-4A
CA19-9-422B
CA19-9-422A
mouse Gal-7
human Gal-7
GNA (EY Lab)
Bauhinia
HA70 complex
PCBLa
CC1G-10G7
SVA
Native PFA
WGA(Seikagaku)
PNA
VVL
VCL
VVHA (Jesin)
HHA(EY Lab)
PWA
Epa1-Np mutant E227A
Epa1-Np mutant E227Q
Epa1-Np WT Galectin-8
Sp Serotype 14-3
Sp Serotype 14-18
hGal-1-A18
#15 Sialyl Lewis X (TBD)
VCL
VCL8 aGP-23
ME7(detected with Lel-1)
ME5(detected with aGP-23)
AOL
WT-VCL
MCA
MNA
VGA
VGA(EY Lab)
SSA
SNA
TL(EY Lab)
MGL 6A-1-B31
hJAA-F11-B31
GSL-I-B4
HPA
ECA
DSA
SBL
GSL-I
COA-1
CAA
Mono2R-CNL
Human Galectin-1
Mouse Galectin-1
WGA
AAL
LEL
CSA(EY Lab)
PTA
PHL
PLA-E
MAA(Seikagaku)
PHA-L
RCAI (VECTOR)
PNA
PTA
MAA
MSA
Con A
CML-1
MGL-1
Phosphatase
CA19-9 Ab (DSQ)
Tetanus
#8 Lewis B (T218) (Abcam)
BPL
EEA(EY Lab)
Morbo-1
THL
Thy-1 P-1.2
Sp Serotype 19
CA19 Mouse
Epa1-Np mutant E228A
HIM-Cavine
AHL
#14 Sialyl Lewis X (Calbio)
Galectin-8
PSA
Gal-3
SSL (EY Lab)
WGA mutant
DC-ASGPR
STL
ConSept
Ami-Lec
Arabinogalactan
BTA VVB
Mouse IgG1 (EY Lab)
Galectin
FHL
GNL
Gal-2
LSL-150
BTL
NWF
PSL
FSL
SBL
SSL
TdPB-2
AIA

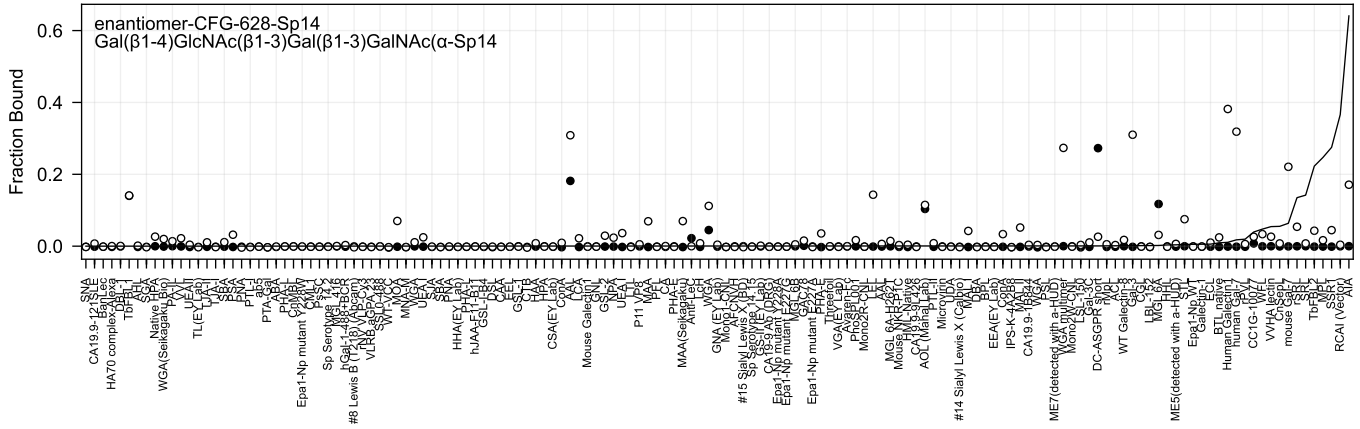

enantiomer-CFG-623-Sp14
GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-6)[Gal(β1-3)]GalNAc(α-Sp14
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
SNA
SNA
SGA
Native SGA
WGA(Seikagaku)
PAL
PAV
UDA
TL(EY Lab)
SBA
SBA
PTA-1
PTA-1
PSL
MAL-I
MAL-II
CA19-9-12 (MC)
PS-2-A2B8
Mcowell
Mcowell
PhoSL (BG)
#15 Sialyl Lewis X (BG)
#8 Lewis B (12-18) (Akama)
ME7(detected with a-HYD)
ME5(detected with a-AGD)
AGD
WFA(EY Lab)
VGA(Seikagaku)
VVA(EY Lab)
UEA
SBA
GNA (EY Lab)
Mono2W (CNL)
AOL (Mahal Lab)
MGL 6A-F
PNA-F
MAL-I
MAL-II
UEA-I
PCL
Mouse Galectin-1
VGA
VGA
Threo9p
Mono2R-CNA
GS-II
DBA
DBA
HPA
hJAA-F11
HAA
GSL-I-B4
LEL
LEL
HPA
CSA(EY Lab)
LCA
LCA
Sp Serotype-14 48
CA19-9 Ab (DRC)
BS-I
HA70 complex-Alexa
EEL
#14 Sialyl Lewis X (Calbiochem)
MOA
MOA
CA19-9-Ab
PBL
CA19-9-Ab
CA19-9-Ab
Epa1-Np mutant Y226A
EEA(EY Lab)
EEA(EY Lab)
hGal-1-488-FBC
DSL
Sp Serotype-14 48
Mono1(CNL)
Mono1(CNL)
VLRB.aGPA
CNL
WT Galectin-1
HPA
HML-Native
PNA
CAA
Epa1-Np mutant Y226A
Epa1-Np mutant Y226A
DL
BS-I
Mouse NKR-P1C
human PsaC
Epa1-Np mutant E297G
HHA(EY Lab)
Galectin-1
Galectin-1
KVAA
Avarem-FC
rNV-VLP-C23
RCA(EY Lab)
RCA(EY Lab)
Galectin-3
Galectin-3C
GS-II (EY Lab)
Anti-LEL
Anti-LEL
PNA
LSL
LSL
CrSp
Epa1-Np mutant E297G
mouse Gal-2
BTL (EY Lab)
BTL (EY Lab)
ABA
DC-ASGPR
VVA(EY Lab)
VVA mutant
GAL4
CC1G-1
STL
VVA(Alexa)
Human Galectin-1
PTA(VB)
Epa1-Np
PTA(VB)
NSL
NSL
SSL
SSL-1
SSL-2
TbPA
PNA

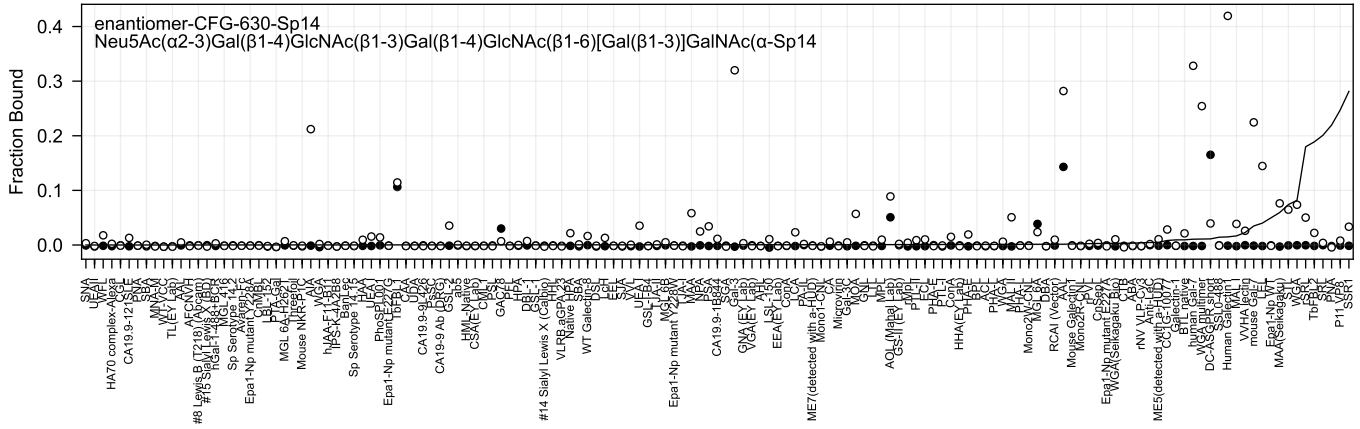

enantiomer-CFG-624-Sp14
GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-6)[GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)]GalNAc(α-Sp14
Fraction Bound
0.0
0.2
0.4
CA19.9-Ab
SVA
MGL-6A
SGA
Native-PGA
WFL
WFA
CA19.9-121
SLE
UDA
TJA-I
SBA
PNA
PTL-I
PTA
PTA-Gal
TLEV
PTL-II
PSL
IPS-K-4-1-3
EEA(EY-1-3)
Epa1-Np 771
Epa1-Np mutant E224A
Epa1-Np mutant S223A
Epa1-Np mutant S223G
CA19-9 Ab (DRG)
WGA 416
#14 Sialyl Lewis X (Calbiochem)
#8 Lewis B (12-18) (Accam)
ME5(detected with anti-HIV05)
MEM
UEA-I
SBA
PNA
#15 Sialyl Lewis X (Ab)
PTA
PTA-Gal
MGL 6A (Accam)
MAA(Seikagaku)
Mono2R-CNT
ACL
Thy-1(CD90)
EET
DSL
DSA
HPA
Mouse Galectin1
GNL
GNA
GSL-I B4
LTA
LCA
Human Galectin1
MALI
NPA
TKA
Tbp-PA
LBP-F2
CML
AFCNV
Sp Serotype Con-X
VGA(EY-1-3R)
WGA(EY-1-3R)
Microvirin
WGA(EY-1-3)
human Galectin-1
GSL-I
CA19.9-(P844
CSA(EY-1-3)
Mab)
HA70 complex A/Hong Kong/1/68
rCA(MAA-P11-B-1)
ACA
ACA
abs
CaNA
CNA
Mono2W-CNT
AOL(Mab) vsu
Mab
MPL
Bay
HHA(EY-1-3R)
Cpn
WSL
DC/ASGPR-sol
DC/ASGPR-sol
Epa1-Np mutant E224G
Galectin-8
SJA
NCA
NCA2
mouse-Fgl-2
Pgal-5
Pgal-3
ME7(detected with anti-HIV05)
WGA(Seikagaku)
Sp Serotype P22
RCA I (Vector)
GNA (EY-1-3aa)
BPL
BPL native
WT Galectin-3
rNV VLP-A
rNV VLP-B
Lsn-Lec
DEAD
GAL-1
GAL-1
DBL-1
CC1(EY-1-3aa)
GSC1(EY-1-3aa)
GSL-X
TVA
PDX
SBT
SSBT
SSBT
Tbp-PB2
WGA multimer

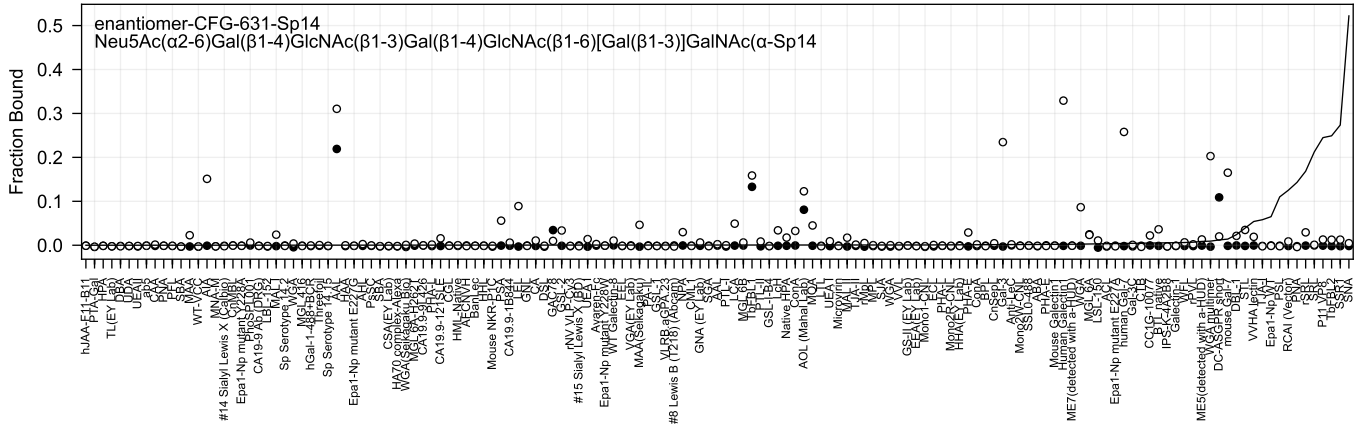

enantiomer-CFG-625-Sp14
Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-6)[Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)]GalNAc(α-Sp14
Fraction Bound
0.0
0.2
0.4
SNA
MAA-N
VGA(EY Lab)
SBA
PNA
WT-VGA
HA70 complex-MAA
UEAI
TL(EY Lab)
MAA
PNA
GSL-I B4
CAA
PTA
Epa1-Np mutant E229A
Epa1-Np mutant Y228A
Epa1-Np mutant Y228F
#15 Sialyl Lewis X (Calbio)
Epa1-Np mutant Y228Q
Phytohemagglutinin
#14 Sialyl Lewis X (Calbio)
Avena sativa
#8 Lewis B (1218) (Axxora)
Sp Serotype 14
HML-Native
EIA
GAL
GAL78
Epa1-Np mutant Y228W
GNA
SBA
CA19.9
CA10 9-2-1
Mouse Ig K chain
Sp Serotype 19F
CaMBL
APN
APN V4
DEA-1
HuAFP
HuAFP-L3
Epa1-Np mutant E229G
Epa1-Np mutant Y228H
PSA
MGL 6A-H-201
UDA
UEA
PJA
CA19.9-9L-426
CML-1
CA19.9-9L-41
CA19.9-9L-51
VLRB.aGS(1)
VLRB.aGS(3)
MGL-1A16
Monoclonal
hGal-1-488-PCR
ATL
F-ficolin
LCA
LBL
SJA
Microspilin
PHA-E
PHA-L
GNA (EY Lab)
GS-II (EY Lab)
FRA
FEA(EY Lab)
FRS(EY Lab)
BPL
NPA
Bauhinia
OAC
GSL-I
Mono2WT-Cook
Mono2KO-Cook
MPA
PHA-E
PHA-L
SRL
PWM
PWA
PAA
PNA
PWG
HHA(EY Lab)
Native BP2
WGA-B4
TBP
ECL
WGA(Seikagaku)
Gal-3
OTA
CTB
SSL
Galectin-8
ME7(detected with a-HUD)
WT Galectin-8A
MGL 6A
AOL (Natural Product)
WFA
TNV VLP-C44
TNV VLP-C96
ME5(detected with a-HUD)
Mouse Galectin-1
Galectin-1
human Galectin-1
CC16-L-188
SSL-I-188
DC-ASGPR-L-188
P11 VP8
VVHA(Vector)
mouse Gal-7
Cnx-SSL
MAA(Seikagaku)
Human Galectin1
ACA (Vector)
WGA

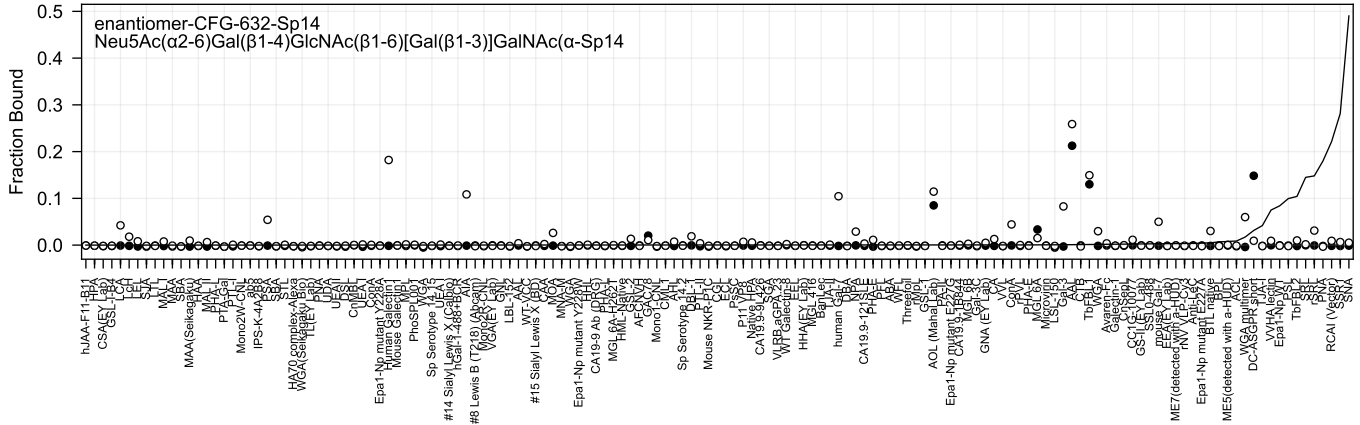

enantiomer-CFG-626-Sp14
Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)GalNAc(α-Sp14
Fraction Bound
0.6
0.4
0.2
0.0
MGL 6A-H2967
UEA I
UEA II
TL(EY Lab)
LBL 2-2
SJA
SNA
PNA
ME7(detected with a-L
VLRB aCgA 23
PTA
rNV VP1-CY3
rNV VP1-CY5
AOL (Mahal Lab)
PAL
PAFL
WGA(Seikagaku) Biot
CA19-9 Fab24
Mono2W-ABA
GS-II(EY Lab)
Cap
EEA(EY Lab)
GNA (EY Lab)
MAA(Seikagaku)
PNA
UEA
VGA(EY Lab)
WFA
MNA-M
MNA-N
ACL
WT-SBA
PHA-E
PHA-L
#8 Lewis B (T218) (Abcam)
CA19-9 Alexa488
CA19-9 Alexa647
ACL
Mouse NKR-P1
PhoSL
Epa1-Np mutant V229A
Epa1-Np mutant E227A
Epa1-Np mutant E227A
Epa1-Np mutant E227A
Human Galectin1
Epa1-Np
DBA
CWA
MPL
PFL
PSA
NDA
#15 Sialyl Lewis X (BD)
#14 Sialyl Lewis X (Calbio)
CSA(EY Lab)
LEA
HPA
DBA
EEL
PEL
MGL-116
GAC-6
GAC-7
hGal-1-488-BCR
CA19-9 Alexa488
Mono2-CNL
CA19-9 Alexa647
CCL7-G1-DC7
HAT-CNV4
HAT-CNV1
CA19-9 Alexa488
NonCLR-CNL
Sp Serotype 14 15
Sp Serotype 14
Microvirin
CrSGL
BPL
MOA
WT Galectin-8
Sp Serotype 14.2
EPL
PHA-L
GSA-I
HHA(EY Lab)
EPL
TdFGA
WGA
HA70 complex-Alexa
HA70 complex-Alexa
IPS-K-Alexa
Thregloi
DSL-TB
CNL
ANL
MAL-I
Galectin-1
SSLO-488
ABA
GSL-HH
ABA
Gal-3C
Gal-3
MGL-2
ConA
BTL (native)
BTL (native)
DC-ASGPR short
DC-ASGPR short
human Galectin-7
WGA-Alexa
WGA-Alexa
ME5(detected with a-L
LTB-FP2
SBL
SBL
SSA-1
SSA-1
RCAI (Vector)
AIA
AIA
SNA

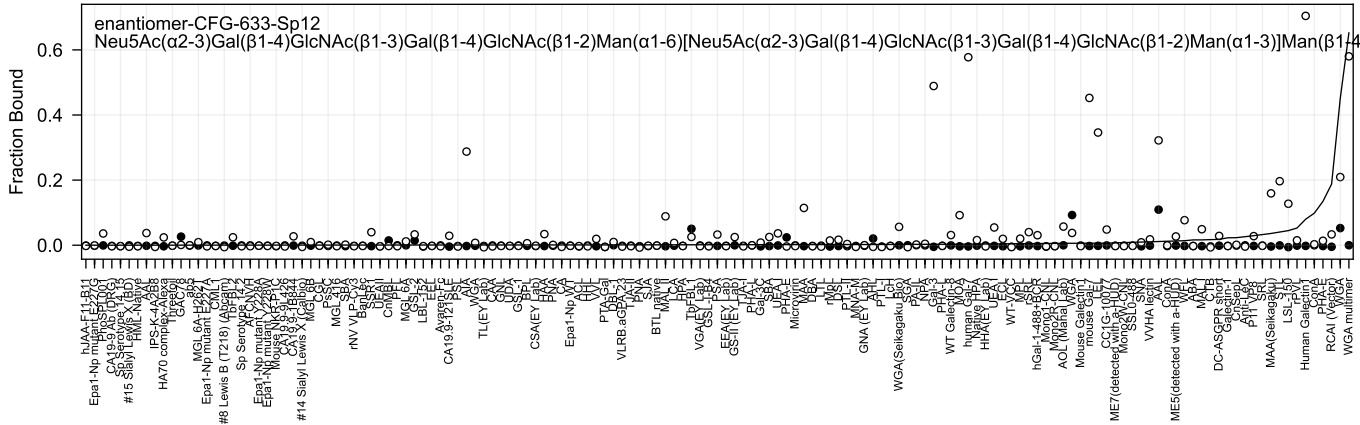

enantiomer-CFG-627-Sp14
GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)GalNAc(α-Sp14
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
SIA
SIA
Mono2W-CNT
CNT
IPS-K-A
CBB
VVHA
Lcn
MGL-CBB
Tbn
PNA
ASL
ASL
PSL
UDA
TL(EY
LJA-II
LJA-I
SBA
SBA
PSA
PSA
HHA(EY
PA-Lap
SBA
SBA
Cnx
NGA
Epa1-Np mutant
Epa1-Np mutant E222A
PhoSPLD(c)
Avarol
PSA-CE
Sp Serotype 1
Sp Serotype 14
PTA-Gal
#15 Sialyl Lewis X (LD)
MOA
#8 Lewis B (Y248)
SSL7-488
MEL(detected with a-HUD)
MEL(detected with a-HUD)
WFA
VVA
hGal-1-488
PSA
MGL 6Au-2621
SSL7-CBB
Monos
DBA
Threglu
VVA
VGA
HPA
VVA
CSA(EY
LEL
LEL
Mouse Galectin-1
PEL
MAL
NPA
NPA
ConA
Human Galectin-1
LCA
MAA(Seikagaku)
AFCS(V)
CA19-9-488
CA19-9-PE
CA19-9-PE
PHA-E
PHA-E
BanLec
VVA
#14 Sialyl Lewis X (CBB)
CA19-9-488
Sp Serotype 14
AAL
AAL
HMA
MGL-BA
SNA
SNA
Epa1-Np mutant
Epa1-Np mutant E222A
CA19-9-PE
CA19-9-PE
SLE
INV VI
CONA
CONA
ONA (EY
ONA (EY
Wheat germ
HA70 complex-Alexa
Epa1-Np mutant Y222A
hJAA-FITC
Microvirin
Mouse
LEL(EY
LEL
PCL
PCL
RCAI (Vector)
human Galectin-7
LEA
LEA
MAA
MAA
MAL-I
MAL-I
DC-ASGPR short
WGA(Seikagaku)
LBL
Galectin-7
CCTG-1
aoc
Ant-HPC
CrSapL
BTL
Galectin-9
GS-II (EY
UEA-II
mouse Gal-2
VVA
VVA
DBA
DBA
Native SP-D
WT Galectin-3
Gal-3
Gal-3
HA-FITC
PHA-L
WGA
WGA
SBA
SBA
SSL7
SSL7
MPL
MPL
Thy-1
WGA multimer
AIA

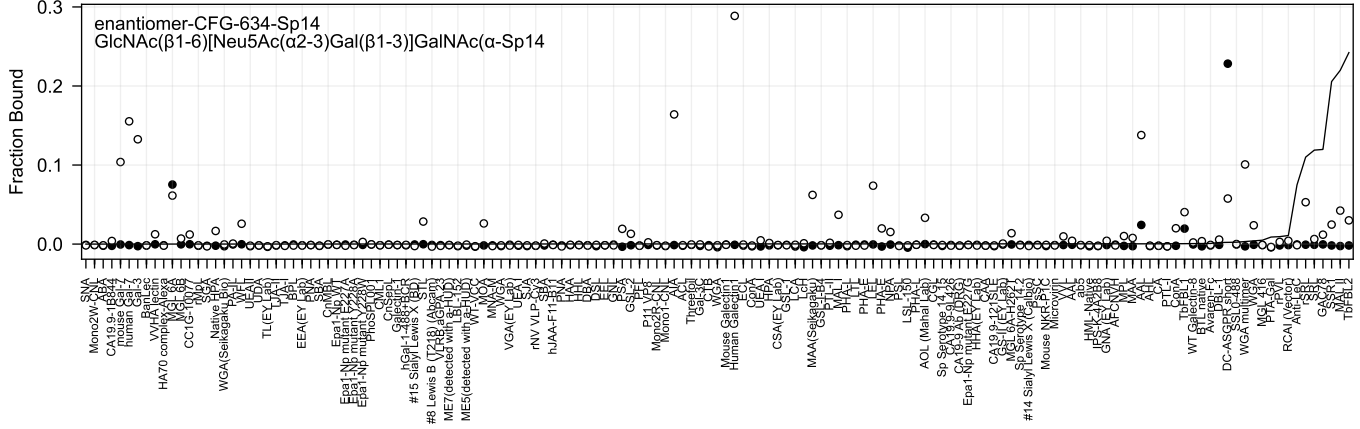

enantiomer-CFG-628-Sp14
Gal(β1-4)GlcNAc(β1-3)Gal(β1-3)GalNAc(α-Sp14
Fraction Bound
0.0
0.2
0.4
0.6
SNA
CA19.9-12
BanLec
HA70 complex
PNA
TBT-1
ECL
SBA
Native (Seikagaku)
WGA(Seikagaku)
PAI
UEAII
TL(EY Lab)
VVA
LCA
SBA
PNA
PTA
ab5
PTA-Asial
DBA
Epa1-Np mutant
Epa1-Np mutant
Epa1-Np mutant
Sp Serotype 1,2
hGal-1-488-BCR
#8 Lewis B (TA18)(Ab-an)
VLRB.aGCP.223
SYT-1-488
MOA
MOA
MVGA
UEA
SBA
SBA
HHA(EY Lab)
hJAA-F1-FL1
GSL-I B4
OAA
EEL
GNA
STA
HA
HA
CSA(EY Lab)
CoA
CoA
Mouse Galectin-1
GNL
GSII-2
UEA
P11 V8
MAA
PHA-E
PHA-L
MAA(Seikagaku)
Anti-Leb
Anti-Lea
WGA
GNA(EY Lab)
WGA
AFCONA
#15 Sialyl Lewis x
Sp Serotype 1,2,15
GSII-4(EY Lab)
CA19.9-488
Epa1-Np mutant
Epa1-Np mutant
Epa1-Np mutant
Epa1-Np mutant
GAC-78
BPA-E
VGA(Lectech)
Avidin-FITC
PNA
Mouse2R-CNL
AEL
MGL 6A-H-821
Mouse NK-RS-FITC
CA19.9-1-428
AOL(Mana) FITC
Microvida
DBA
BPL
EEA(EY Lab)
IPS-K-488
CA19.9-1-684
PSA
ME7(detected with a-HUD)
Mouse2W-CNL
Mono2W-CNL
LCA
Lea-1-30
DC-ASGPR short
AOL
ACL
WT Galectin-3
CGL
LBL-FITC
ME5(detected with a-HUD)
SYT
Epa1-Np IV1
Epa1-Np IV1
SYT
BTL
Human Galectin-7
human Galectin-7
CC1G-1007
VVHA
VVHA
CnSepl
mouse Galectin-7
TF
TBT-1
TBT-1
CNF
RCAI (Vector)
AIA
#14 Sialyl Lewis X (Calbio)

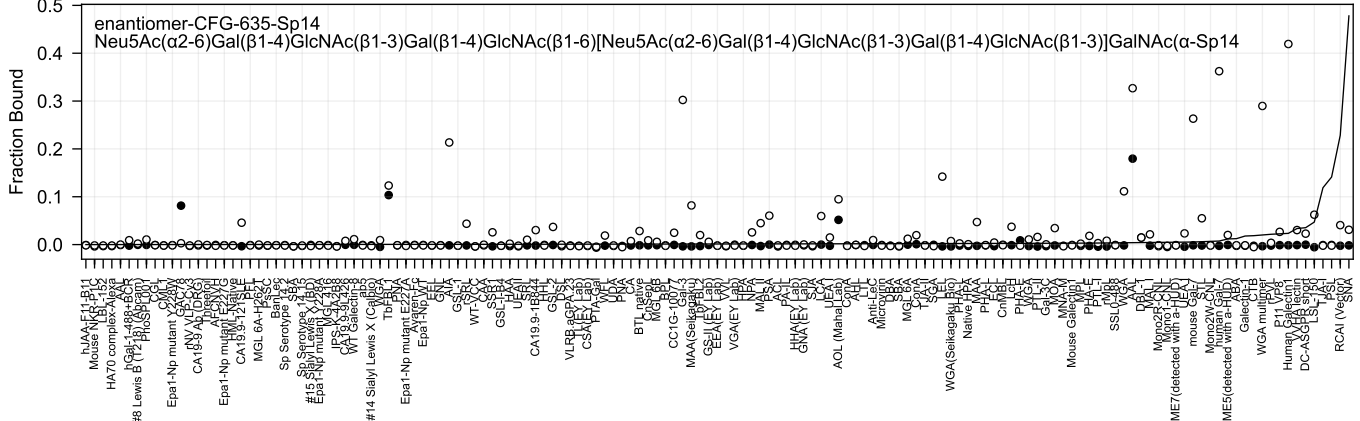

enantiomer-CFG-630-Sp14
Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-6)[Gal(β1-3)]GalNAc(α-Sp14
Fraction Bound
0.4
0.3
0.2
0.1
0.0
SIAA
UEA1
WFL
HA70 complex-Ho3
CA19.9-12
SNA
SBA
MPA
WFA
TL(EY Lab)
AFCNOV
#8 Lewis B (T2101) (Vector)
#15 Sialyl Lewis X (Vector)
nGal-1-488-BSA
Sp Serotype 14.2
Epa1-Np mutant Y22AY
Arabinogalactan
CrmB
PTA-Gal
MGL 6A-12-2-2
Mouse NKR-P1C
WGA
hAA-F11-B3
hAA-F11-B12
Sp Serotype 14.5
Ban-sec
Phosphorylcholine
PEA
Epa1-Np mutant Y22AY
TbFB-1
UDA
CA19.9-9-426
CA19-9 Ab (DRG)
Gal-3
LIM-Native
CSA(EY Lab)
CMP
GAC25
PFL
DBL-1
#14 Sialyl Lewis X (Vector)
HPA
VLRB-GFP
SBA
WT Galectin-1
DSL
EPL
SJA
STA
UEA1
GSL-I-B4
Epa1-Np mutant Y22AY
MGL-6B
Epa1-Np mutant Y22AY
NAGA
BSA
BSA
CA19.9-1-B64
Gal-3
GNA(EY Lab)
WGA(EY Lab)
AFL
LSL(EY Lab)
EEA(EY Lab)
CoCA
FAL
ME7(detected with a-Gal)
Mono1-CN
CA
Microcystin
Galectin
ONA
Mpt
AOL(Matsu Lab)
GS-II(EY Lab)
MAL
PT-II
PHA-E
PHA-L
Con-A
HHA(EY Lab)
PNA
EBF
ACL
PWGA
WGA
MAL-I
MAL-II
Mono2(VCN)
MGD
DBA
RCAI (Vector)
Mouse Galectin-1
Mono2K-PN
Epa1-Np mutant Y22AY
CBSerp
WGA(Seikagaku)
Bleo
CDA
rNV VLP-C2
ME5(detected with anti-HD)
CCG-10077
BTL native
BTL native
hAA-F11-B3
DC-ASGPR s108
Human Galectin-7
MAL(I)
mouse Galectin-7
VVHA
Epa1-Np WT
MAA(Seikagaku)
WGA
WGA
TbFB-1
SNA
SBA
VFA
P11
SSR1

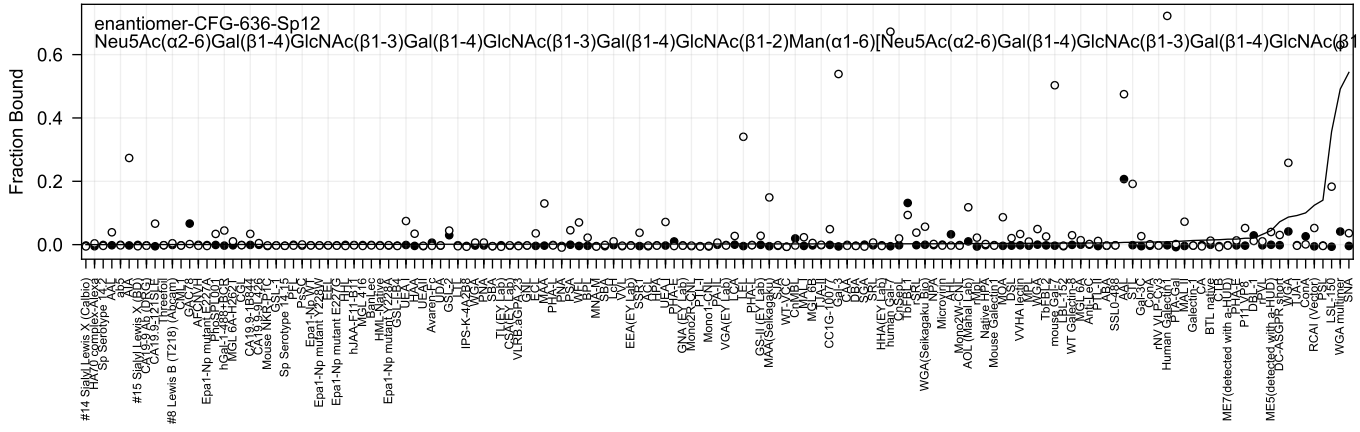

enantiomer-CFG-631-Sp14
Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-6)[Gal(β1-3)]GalNAc(α-Sp14
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
hJAA-F11-B11
FTA
TL(EY
hBA
UEA
UEA
aba
aba
PNA
PNA
EAA
MAA
WT-VAX
MVA-M
MVA-N
#14 Sialyl Lewis X (LEY)
CA19-9 Ab (DRSG)
Epa1-Np mutant E-2
LBA
MAL-I
Sp Serotype 14
Sp Serotype 14
NGA-418
hGal-1-4Fc-Tech
Sp Serotype 14
AAA
Epa1-Np mutant E-2
PSA
PSA
CSA(EY
HA70 complex
WGA
CA19-9-1B2
CA19-9-1
CA19.9-121
SLE
HML-Native
ACL
BCN
Mouse NKR-P1
CA19.9-1B244
GNL
DSA
GAL-8
GAL-3
#15 Sialyl Lewis X (LEY)
NV VLP
Epa1-Np mutant E-2
Ayerpeptide
Epa1-Np mutant E-2
MAA(Sakagami)
VGA(EY
FAL-1
VLRB.aGPA.23
#8 Lewis B (1218) (ABO)
GNA (EY
CML
SBA
PNA
PAL
LCA
MGL
LCA
TGFβ-1
GSL-I-B4
LFA
Native-PFA
AOL (Maha lab)
MOR
UEA-1
Micrococcin
WAL-II
WAL-I
MPL
MPA
WGA
VAX
GSII (EY Lab)
EEA(EY Lab)
Monto1
PCL
PCL
Monoc-1
HHA(EY Lab)
PCA-E
BPL
Cnx-Gal-3
Gal-3
ANX-A5
Mono-Galectin-1
SSL0-488
Human Galectin-1
PhAE
Mouse Galectin1
ME7(detected with a-HUD)
PCL
MGL-GA
LSL-50
Epa1-Np mutant E-2
human-Galectin-2
GNA
CTB
CC10-Native
CBT-Native
IPSC-1-A2B8
Galectin-7
WFL
ME5(detected with a-HUD)
VGA(EY Lab)
DC-SIGN
mouse Sialyl
DSL-1
VVHA lectin
Epa1-Np WT
RCAI (VeNA)
PSL
TGN
RSL
SBL
P11-VB
SSA
SSA
SNA

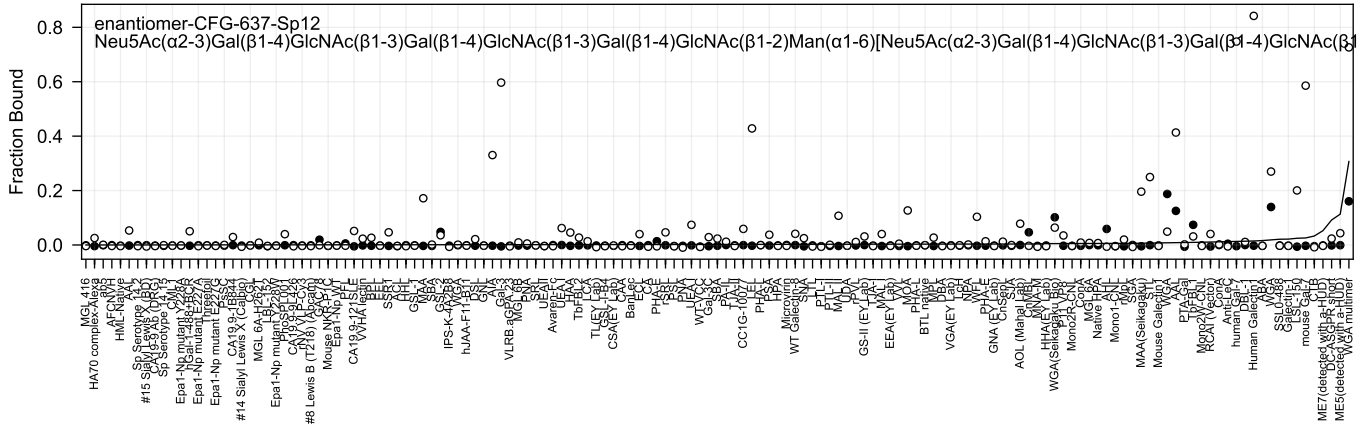

enantiomer-CFG-632-Sp14
Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-6)[Gal(β1-3)]GalNAc(α-Sp14
Fraction Bound
0.5
0.4
0.3
0.2
0.1
0.0
hJAA-F11
RBA
CSA(EY Lab)
GSL
LCA
LEL
SJA
STA
MAL1
NPA
MAA(Seikagaku)
MAL2
PNA
PTA
Mono2W-CNL
IPS-K-4
ABB
SBA
SJL
HA70 complex-A
WGA(Seikagaku)
TLEY
PWA
UEA
RSL
CnBL
PHA-L
Epa1-Np mutant Y-22
Vp mutant Galectin
Mouse Galectin
PhoSP
Sp Serotype
#14 Sialyl Lewis X (CF-488)
#8 Lewis B (T218) (Ab)
VGA(EY Lab)
LBL-2
WT-Y22
#15 Sialyl Lewis X
MOA
MVA
Epa1-Np mutant Y-22
CA19-9 Ab
MGL-6A
HML-Native
AF-SNA
GAL
Mono-CNL
Sp Serotype
Mouse NKR
P11
Native TFA
CA19-9-488
WT Galectin
human Galectin-1
BanLec
CBA
CA19-9-121
STL
PTL
ABA
Threo
GNL
GMA
AOL (Mahal Lab)
Epa1-Np mutant
CA19-9-1B44
MGL-3B
GNA (EY Lab)
VVL
CAA
PHA-E
Microvirin
LSL-1-59
SNA
AAL
TcFBP
WTGA
Avarrhin
Galectin-1
CC1-Galectin-1
GS-1 (EY Lab)
SSL-Gal-1
ME7(detected with a-HPD)
ME7(detected with a-HPD)
Epa1-Np mutant
BTL native
ME5(detected with a-HPD)
mCCL
WGA pure
DC-ASGPR short
Epa1-Np
VVHA
Epa1-Np
TcFBP2
SBL
SBT
PNA
RCAI (VSSR)
SSBR7
SNA

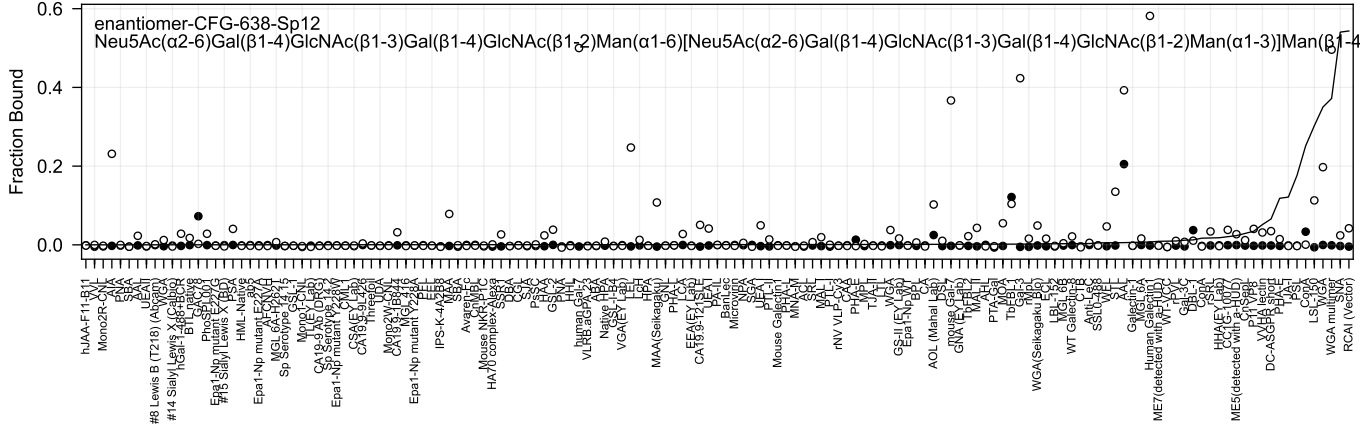

enantiomer-CFG-633-Sp12
Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4
Fraction Bound
0.0
0.2
0.4
0.6
hAA-F11-B11
Epa1-Np mutant E2-F10
Sp Serotype 14 (1-5)
CA19.9 (Ab)
#15 Sialyl Lewis X (Ab)
LWF X (Ab)
IPS K-4-2A4
HA70 complex-Alexa
Tn (Ab)
Tn-Ab
MGL 64 (Ab)
Epa1-Np mutant E2-F4
CML-1
#8 Lewis B (T218) (Ab)
Ab-B11
Sp Serotype 14 (1-5)
KF-N1-2
Epa1-Np mutant Y-2-B6
Epa1-Np mutant E2-F10
Mouse NK-2-F10
CA19.9 (Ab)
#14 Sialyl Lewis X (Calbiochem)
MGL-C8
MGL-P-3C
SBA
nNV VLP-C-23
SBT
Con A
Con A (Ab)
MGL-2
GSL-2
LBL-2
CA19.9-T2-B8
BS
WGA
TL(EY Lab)
CAA
CSA
CSA(EY Lab)
BPL
FAB
PNA
Epa1-Np WT
ACL
CVL
PTL-II
PTL-II(Ab)
VLRB.aGPA-2
HPA
SJA
BTL
BTL-II
MAL-II
EPA
VGA(EY Lab)
GSL I-B4
GSL I-B4(Ab)
EEA(EY Lab)
GS-II (EY Lab)
PHA-L
PHA-L(Ab)
Galectin-3
DSA
PHA-E
PHA-E(Ab)
Micrococcin
NXA
DBA
nsGC
PTL-I
MOA
MOA(Ab)
GNA (EY Lab)
PAL
ACL
LCA
WGA(Seikagaku Lab)
PAL
Gal-3
PHA-L
WT Galectin-1
MOA
hnanatin GNA
HHA(EY Lab)
ECL
WT-Vicia
VCL
hGal-1-488-Fc
SSL
Monod-CNL
Monod-PAL
AOL (Nanaki) WGA
Mouse Galectin-1
mouse
CC1G-1-OEL
ME7(detected with a-PODO)
MorosLC-488
SNA
VVHA
ACL
ACL
ME5(detected with a-PODO)
WFL
MAA
CTB
DC-ASGPR
Galectin-7
CnSepE
ACL
P11 VSB
MAA(Seikagaku)
SSL
LSL
PAL
Human Galectin-1
PHA-E
RCAI (Vector)
WGA
WGA multimer

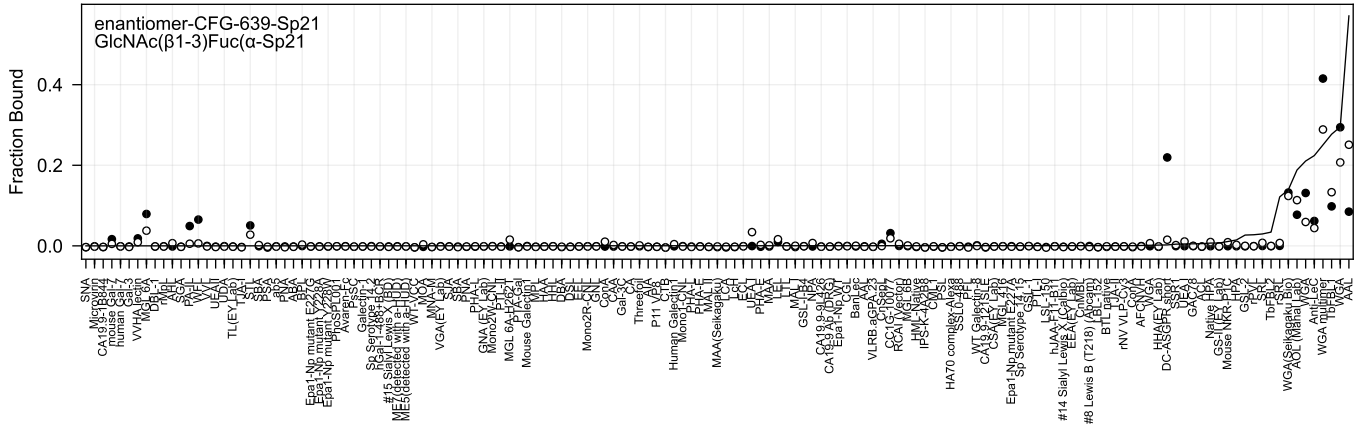

enantiomer-CFG-634-Sp14
GlcNAc(β1-6)[Neu5Ac(α2-3)Gal(β1-3)]GalNAc(α-Sp14
Fraction Bound
0.3
0.2
0.1
0.0
SNA
Mono2W_SNA
ABA
CA19 9-1_ABA
Gal-1
mouse Gal-1
Gal-3
human Gal-3
VVA
Ban Lec
HA70 complex_Alexa
PNA
MGL-68
MGL-88
CC1G-10079
SJA
Native PPA
WGA(Seikagaku)
PCH
UEA-I
UDA
TL(EY Lab)
VVL
BPL
EEA(EY Lab)
SBA
SNA
Epa1-Np mutant
CnSBL
Epa1-Np mutant_E227A
Epa1-Np mutant_Y228A
Epa1-Np mutant_Y228A
PhoSL-201
CnSBL
hGal-1 Galectin-1
#15 Sialyl Lewis X (BD)
#8 Lewis B (T218) (Abcam)
VCRB-AGP-23
ME7(detected with anti-LEL-HD2)
ME5(detected with anti-LEL-HD2)
WFA
MOA
MVGA
VGA(EY Lab)
SJA
nVV VLP
SNA
hJAA-F11
EAA
DSA
DBA
SBA
SJA
GSL-I
PSA
GNA
PHA-E
P-21
P-21 VLP
Mono1
Mono1-CNL
AOL
Tkaspisgl
GSL-II
WGA
Mouse Galectin-1
Human Galectin-1
CCL2
UEA-I
CSA(EY Lab)
CSA
Lcn
MAA(Seikagaku)
GSL-I
PAT-1
PHA-L
PHA-E
PHA-L
PHA-E
NPA
PHA-E
LSL-15b
PHA-L
CAA
AOL (Mamal Cell)
Sp Serotype 4 115
Sp Serotype 4 116
CA19.9 AB (DRG)
Epa1-Np mutant (HHAEY229)
CSA
CA19 9-12_Lab
GSL-I (EY Lab)
MGL-6/H-262
SLe-x (CA19-9)
#14 Sialyl Lewis X (Calbiot)
Mouse NKR-P1C
Microvirin
AAL
Abos
HML-Nanobody
PSL-K-A288
GNA
AFCNOW
MPA
MPL
ACA
ACL
PTL-I
TcFBL-1
WT Galectin-8
Galectin-8
Avarol-FC
DC-ASGPR_short
SSL1-188
WGA-Inulin
WGA
MPA-Lab
PNA
RCAI (VECTOR)
PWM
Anti-Tag
SBL
SBL
GSL-IV
GNA
MAL-1
TcFBL-2

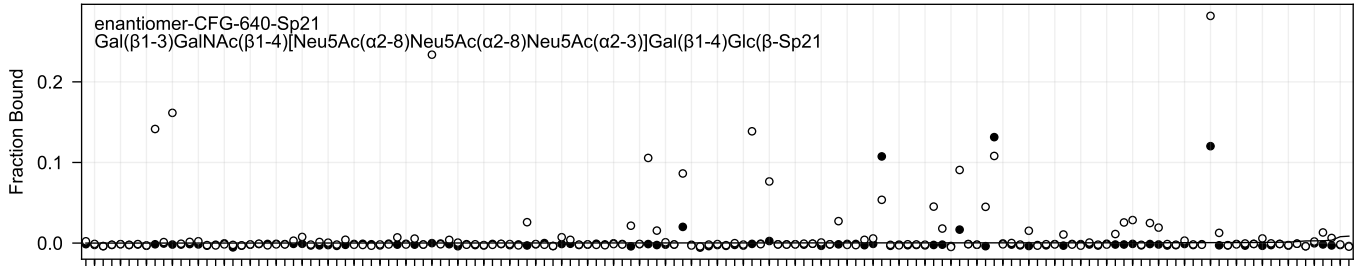

enantiomer-CFG-635-Sp14
Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-6)[Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)]GalNAc(α-Sp14
Fraction Bound
0.0
0.1
0.2
0.3
0.4
0.5
hIAA-F11-P11
Mouse NKR-P1C
LEA-152
HA70 complex-Lewis X
AAE
#8 Lewis B (Type 1)
Gal-1-498-BCR
PhoSH-001
CCL
Epa1-Np mutant G2429V
rNV VLP-S-K3
CA19.9 Ab (Dakoc)
AFP-001
Epa1-Np mutant F2429V
HMW1 Native
CA19.9-12 BLE
MGL 6A-H2B2
Bam-Sec
Sp Serotype 1-K3
Sp Serotype 1-K3
#15 Sialyl Lewis X (Lab)
Epa1-Np mutant Q1B2
Sp Serotype 1-K3
VGA 248
IPSA-001
CA19.9-9-248
WT Galectin-3B
#14 Sialyl Lewis X (Calbiochem)
TbPBP1
Epa1-Np mutant E2B2
Avelumab-Fc
Epa1-Np WT
CNL
GNL
GSL-I
WT-SSL
CAA
GSL-SBI4
LAA
UEA-I
SBI
CA19.9-TBB4
TJA-I
GSL-I2
VLRB.aGP.23
CSA (EY Lab)
PTA-Gal
WFA
PNA
BPA
BTL native
KSL
Mistletoe
BPL
CC1G- Gal-7
MAA(Seikagaku)
GSII (EY Lab)
EEA(EY Lab)
VGA(EY Lab)
TFA
MPA
MALI
ACL
Fucl
HHA(EY Lab)
GNA (EY Lab)
SCA
LCA
UEA-I
AOL (Mahal Lab)
CGA
ACE
Anti-Lac
Microcin-B17
DBA
SBA
MGL-1
Con A
TxB
SGA
WGA(Seikagaku)
BEL
PHA-E
Native MAA
PHA-L
PNA
CnMBL
PhaCE
WGA
Gal-3
Gal-3C
MAOA
Mouse Galectin-1
MAE
PhaCL
PTL-I
SSL-MBB
VVA
SNA
DSL-1
Mono2R-CNL
Mono1-CNL
ME7(detected with a-HEA)
mouse Galectin-1
Mono2W-CNL
ME5(detected with a-HPD)
ABA
Galectin-7
CTB
WGA mutant
B11 VP-8
Human VVA Galectin
DC-ASGPR
LS-sialyl
LS-fucosyl
TJA-I
RCAI (Vector)
SNA


enantiomer-CFG-636-Sp12
Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1
Fraction Bound
0.0
0.2
0.4
0.6
#14 Sialyl Lewis X (Calbio)
HA(Yoshida)
Sp Serotype 14
#15 Sialyl Lewis X (AD)
CA19.9 (PHS)
CA19.9 Ab (Fitzgerald)
Transferrin
#8 Lewis B (T218) (Abcam)
GAL3
ACTN4
Epa1-Np mutant E221A
Epa1-Np mutant Y222A
hGal-1 (Calbiochem)
WGL 6A1-F2B7
CA19.9-19924
CA19.9-1116-NS-19-9
CA19.9-1116-NS-19-9-H
Mouse NK(CSLT-1)
Sp Serotype 1
Epa1-Np mutant E221F
Epa1-Np mutant Y222W
Epa1-Np mutant E221H
hJAM-C
Bandeiraea simplicifolia Lectin II
HMGB1
Epa1-Np mutant Y222A
GSL-I-B4
LFA-1
Vaccinia
Avanti
UDA
CSLT-2
IPS-K-4(Y288)
PNA
SBA
TL(EY Laboratories)
CRA(EY Laboratories)
VLRB.aGP
GNL
MAA
PHA-L
ECA
WFL
MPL
MNA-M
SNA
VVL
EEA(EY Laboratories)
SSA(EY Laboratories)
ABA
PHA-E
DSA
GNA (EY Laboratories)
Mono2R-CNL
Mono1-CNL
PAL
VGA(EY Laboratories)
LCA
PHA-E
CSL3(EY Laboratories)
MAA(Seikagaku)
SNA
VCL
Mono2W-CNL
MOA
CCL
CC1G-1007
CCL
CCL
CCL


enantiomer-CFG-637-Sp12
Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Neu5Ac(α2-3)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1
Fraction Bound
0.0
0.2
0.4
0.6
0.8
MGL 416
HA70 complex
Aleria
AFA
HML-Native
#15 Sialyl Lewis X (LBD)
Sp Serotype 14
Sp Serotype 14 (13)
Epa1-Np mutant Y304A
Epa1-Np mutant E224A
Epa1-Np mutant E224Q
Epa1-Np mutant E224D
#14 Sialyl Lewis X (Caubo)
MGL 6A-1-2621
Epa1-Np mutant Y304W
#8 Lewis B (T216)
Mouse NK-1.1
Epa1-Np
CA19-9-1-7
VVHA
CC1G-100
GS-II (EY Lab)
EEA(EY Lab)
BTL
VGA(EY Lab)
GNA (CISeq)
AOL (Mahal)
WGA(Seikagaku)
Mouse Galectin-1
Human Galectin-1
WGA multimer
ME7(detected with a-HUD)
ME5(detected with a-HUD)


enantiomer-CFG-638-Sp12
Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-6)[Neu5Ac(α2-6)Gal(β1-4)GlcNAc(β1-3)Gal(β1-4)GlcNAc(β1-2)Man(α1-3)]Man(β1-4
Fraction Bound
0.0
0.2
0.4
0.6
hJAA-F11-B11
Mono2R-CONL
PNA
SBA
ENA
UEAII
#8 Lewis B (T218) (AbVision)
#14 Sialyl Lewis X (CarboBiosciences)
hGAH-1-2-3-4-6-8-9
BT_naive
PhoSL
#15 Sialyl Lewis X (CarboBiosciences)
Epa1-Np mutant E-22-G
Epa1-Np mutant Y-22-A
HML-Naive
Epa1-Np mutant E-22-A
MGL 6A-H2B11
Sp Serotype 14-1-3
Mono2-CONL
CA19-9 AE (Lab)
Sp Serotype 14-2
Epa1-Np mutant Y-22-H
CA19-9 (Lab)
Threonin
Mono2W-CONL
CA19-9 (Lab)
Epa1-Np mutant Y-22-S
EEL
IPS-K-4A2B8
SBA
Avarol-EC
Mouse NKR-P1C
HA70 complex-Sialyl
DBA
SJA
PSA
GSL-I-B4
HPA
Human Galectin-1
VLRB.aGAL
ABA
Naive HPA
VGA(EY Lab)
LEL
HPA
MAA(Seikagaku)
GNL
PHA-L
EEA(EY Lab)
CA19.9-T2 (Lab)
UEA1
PAL
Barley lectin
Microvirin
SSA
PNA
PHA-E
Mouse Galectin-1
MAA-M
SSL
NAL
rNV VLP-C-2
CAA
PWM
TJA-II
WGA
GS-II (EY Lab)
Epa1-Np mutant
BPL
AOL (Mahal Lab)
mouse Galectin-3
GNA(EY Lab)
VAA
MAL-I
ACL
PTA
MOA
TBB-1
MAL
WGA(Seikagaku Epo)
LBL-1-96
LBL-1-98
WT Galectin-8
Anti-LPS
SSLL-388
SLT
Galectin-1
ACA
Human Galectin-10
ME7(detected with a-H10D)
WT-ZCC
Galectin-3
Gal-3-C
DBL-1
YSRC
HHA(EY Lab)
CCA(EY Lab)
ME5(detected with a-H10D)
PTL
PTI YPB
YVA
DC-ASGPR lectin
PCA
PAL
PSL
CGA
LSL
WGA
WGA mutant
SNA
RCAI (Vector)


enantiomer-CFG-639-Sp21
GlcNAc(β1-3)Fuc(α-Sp21
Fraction Bound
0.0
0.2
0.4
SNA
Microvin
CA19.9-1
Bs44
mouse Gal-7
human Gal-7
Gal-3
VVHA
Gal-9
MGL 6A
Rnt-1
ASL
ASEL
PAA
WFL
UEA-I
UEA-II
TL(EY Lab)
TL(Gal)
SBA
SSA
PNA
BPL
BP
Epa1-Np mutant E222Q
Epa1-Np mutant E222A
Epa1-Np mutant E222W
Epa1-Np mutant E222Y
Avarol-FL
FSCY
Galectin-1
Sb Serotype 14-2
Sb Serotype 14-3
#15 sialyl Lewis X (BD)
MEA(detected with a-HUD)
MEA(detected with WT-VVCC)
VGA
VGA(EY Lab)
MVA
MVA(EY Lab)
SBA
PNA
PNA(EY Lab)
GNA (EY Lab)
Mono2V(EY Lab)
MGL 6A(EY Lab)
Mouse Galectin-9
MEL
HPA
DSL
DSA
Mono2R
EEL
CGN
CGN
CorA
Gal-3C
Gal-3C
Threonin
P11
VIA
CTB
Human Galectin-7
Monod2
PHA-E
MAL-II
MAA(Seikagaku)
LCA
UEA-I
PHA-L
PHA-E
VEL
MALT
MALT
GSL-IB4
CA19.9-a-126
CA19.9-a-128
Epa1-Np (D)
CGL
Banana
VLRB.aCPA.25
CC1(C-10697)
RCA(Vector Lab)
HML-Nature
HML-Recombinant
rPSA-4-OCP
ASL
HA70 complex
WT Galectin-8
SSLD-488
CA19.9-12-SLE
CA19.9-12-SLE
MGL 2.19
Epa1-Np mutant E222A
Sp Serotype 22-2A
GSL-1
LSL-1
hJAA-1 (Lab 1)
EEA(EY Lab)
#14 Sialyl Lewis X (Lab)
#8 Lewis B (T218)
LBL-152
BTL(Lab 1)
rNV VLP-CoX
AFO
HHA(EY Lab)
DC-ASGPR subset
UEA-I
GAC
GAC-8
Nature PPA
GS
Mouse NKR-P1C
SPA
GPA
PAX
TxB
TxB-B
SRL
SRL
WGA(Seikagaku)
AOL(Marine Lab)
VGA
Anti-Human
WGA nuclear
WGA
AAL


enantiomer-CFG-640-Sp21
Gal(β1-3)GalNAc(β1-4)[Neu5Ac(α2-8)Neu5Ac(α2-8)Neu5Ac(α2-3)]Gal(β1-4)Glc(β-Sp21
Fraction Bound
0.0
0.1
0.2
SNA
ME5(detected with a-TUD)
VVL-CC
EEA-VF-CC
Mono2W-CN
ABA
IPS-K-4A288
NVHA lectin
WGA mutimer
HA70 compound
MGL-6A
DBA-I
LAI
LSL-1G1
LSL-1G2
LSL-1G3
ME7(detected with a-TUD)
CAHM
Epa1-Np mutant E227G
Epa1-Np mutant Y228A
Epa1-Np mutant Y228G
Epa1-Np mutant Y228F
Epa1-Np Abs-CT001
CA19-9 Ab
PHA-E
Avarol-TFE
Sp Serpin-TFE
#14 Sialyl Lewis X (Calbio)
#8 Lewis B (1-218) (Acclam)
HMA-BNVM
SBL
PVL-TET
MGL 6A-TFE
Human Galectin-8
Mouse Galectin-1
HCA
CAA
Mono2R-CN
Mono1-CN
Tulip-1
Gal3C
CA19.9-TFE
HHA(Calbio)
HHA(MT-LAB)
WT Galectin-8
MGL-4-16
Sp Serpin-1-2-3
Sp Serpin-1-2-4
VLRB.aGP.CAT
VGA(EY Lab)
CAA(EY Lab)
WGA(Seikagaku)
WGA(Seikagaku)
PVL
TbFBP-TET
BPL
PTA-YVT
Mouse NKR-CRD
DSL
CSA(EY Lab)
Tulip-1 Gal-4
AOL (MT-LAB)
AOL (MT-LAB)
Mucrovin
CA19.9-TET
CC1G-Bovine
DBA-I
PNA-I
PNA-II
PNL-1
PNL-2
BPL
SSA-T
NEA
NEA
rMGL
MGL
ACA
TAA-II
MAA
MAA
WGA
WGA
GDA
Gal-3
Gal-3
GS-II (EY Lab)
VVL
PSA
PSA
PSA
PHA
PHA
Native PHA
PHA-E
PHA-L
MPA-II
KSA
KSA
MGL
MGL
MAL-I
MAL-II
EEL
GSL-2
GSL-2 TSC
UEA-I
UEA-I
LCA
ConA
Epa1-Np
VAA
CnSerpin
TbFBP-2
TbFBP-1
SSL-1
SSL-2
DC-ASGPR
SBA
Amphi-Lec
Amphi-Lec
rNV-LP
rNV-LP
CTB