

Fraction Bound

enantiomer-CFG-9-Sp8
Man(α -Sp8

0.0

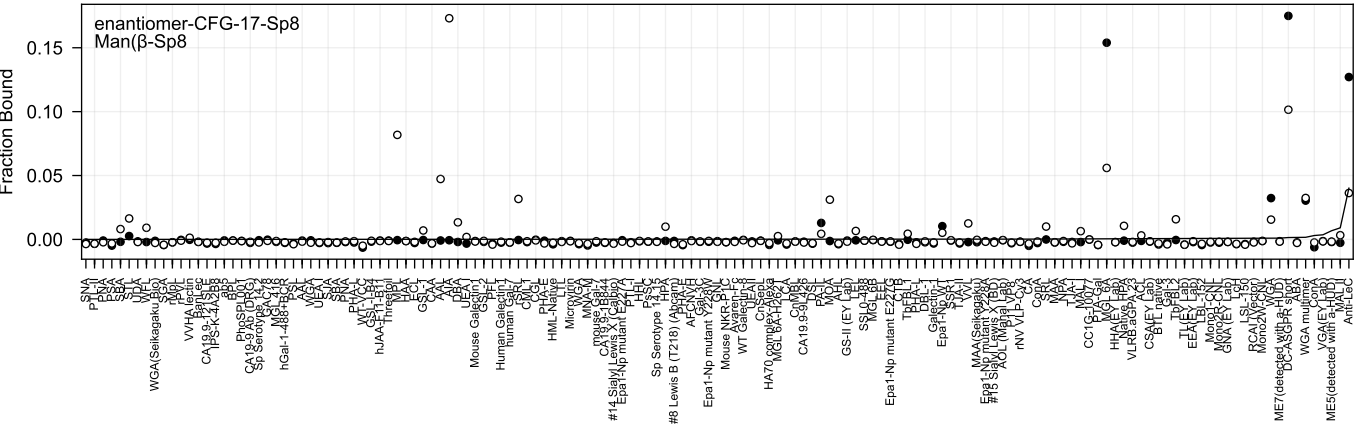
0.1

0.2

0.3

0.4

hJAA-F11-B11
MAA
MAA(Seikagaku)
MNA-M
UEAI
WGA(Seikagaku Bio)
Galectin-1
HA70 complex-Alexa
Sp Serotype 14.13
VHA lectin
human Gal-7
#14 Sialyl Lewis X (Calbio)
#15 Sialyl Lewis X (BD)
AFCNVH
SBA
CSA(EY Lab)
PhoSP100
PSA
UEAI
WGA
Human Galectin1
Mouse Galectin1
HML-Native
CMV1
PTL-1
WT Galectin-8
SCGA
PNA
Sp Serotype 14.2
CA19.9-1B844
CA19.9-1B844
DBL-1
PHA-L
CA19-9 Ab (DRG)
PSA
Mouse NKR-P1C
Epa1-Np mutant Y227C
Epa1-Np mutant Y228V
Epa1-Np WT
hGal-1-488-BCR
UEAI
Microvinn
MOA
Cnseph
GSL-2
mouse Gal-7
AAL
EpoR1
IPS-K-4A2-B8
Gal-3C
MPL
HAA
TL(EY Lab)
#8 Lewis B (T218) (Abcam)
EELC
CA19.9-1213
Epa1-Np mutant E227A
HPA
CA19-9 Ab
CA19-9-1213
CA19.9-9L426A
Epa1-Np mutant Y228A
Y228A
VVL
PHA-L
rSHL
HHLA
SJA
AAL
WEL5
Monq2W-CNL
MGL416
Mono1-CNL
Lch
Threolol
VLRB.aGPA.23
PHA-Gal
PA-CAL
PHA-E
GAL-3
GSL-1
GSL-1-B4
MAL1
NPA
CnMBL
TASL
PSL
DSE
MGL6A-H2621
GS-II(EY Lab)
MAL1
EEA(EY Lab)
rNV VLP-Cy3
CC1G-1004
SS10-488
PHA-E
RCAI (Vector)
WGA multimer
HHA(EY Lab)
P11 VP8
AOL (Mablab)
LoFBL2
LSL-150
WGA
VGA(EY Lab)
LBI-152
WV-VCC
Banlec
Native HPA
WGA
CCLB
GNA (EY Lab)
BTL native
ConA
Avaren-Ec
ME5(detected with a-HUD)
ME5(detected with a-HUD)
SNA
MGL6A
Anti-LeC
ConA
GAC78
DC-ASGPR short

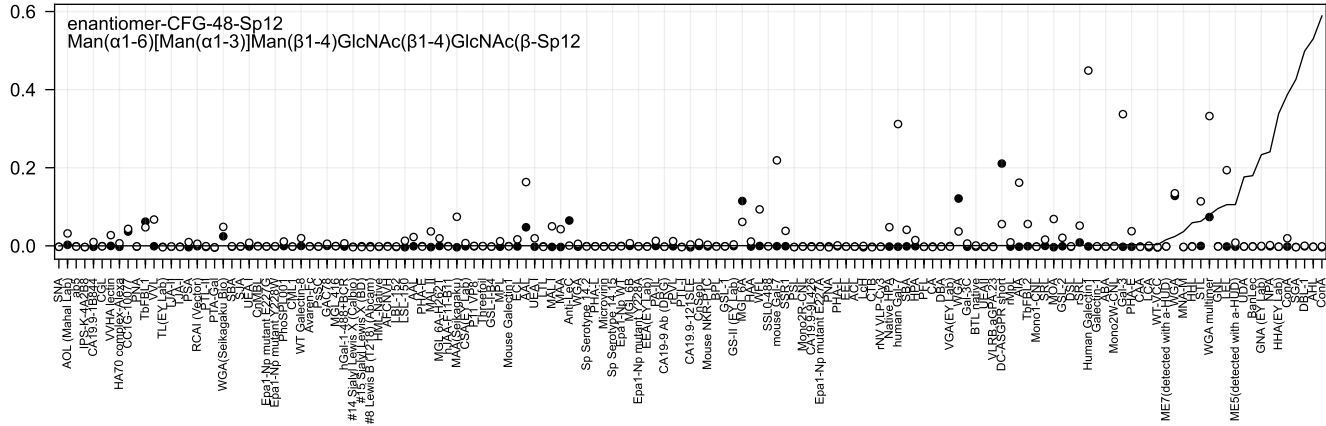


Fraction Bound

0.04
0.02
0.00

enantiomer-CFG-39-Sp8
Man6OP(α -Sp8

TL(EY Lab)
IPS-K-4A2B8
LEL
NPA
CA19.9-1215
MAL
MAA
PHA-E
CA19.9-18844
PhosPL001
PHA-E
PSL
PHA-3
Gal-3
PTL-1
Epa1-Np mutant Y228W
PTL-II
VVHA lectin
PSA
SBA
STL
WT Galectin-8
Galectin-1
AFCN
VH
UEAL
UEAL
HA70 complex-Alexa
PA-L
Avaren-FC
MGL 68
RCA100
CC1G-10077
GSL-1-84
Sp Serotype 14.15
CnMBL
UEAL
Epa1-Np V1
Lewis X (BD)
Human Galectin-1
Mouse Galectin-1
#14 Sialyl Lewis X (Calbio)
AAL
hGal-1-488+BCX
WGA
MGL 416
Gal-3X
MORL
ISA
SIA
PNA
HAA
Sp Serotype 14.2
DBA
EEA(EY Lab)
GNA (EY Lab)
HHA(EY Lab)
Epa1-Np mutant Y228A
PFL
PHA-2
GSL-2
SSR1
MGL 6A
MVA-M
MGL 6A-H2621
CGL1
CML1
LIL
CSA(EY Lab)
CnSep
Bartec
CA19-9 Ab (DRG)
SGA
LCH
MAA(Seikagaku)
Epa1-Np mutant E227A
CA19.9-91426
VGA
Mono1-CNL
Microvin
PSSC
ACL
ab5
ConA
human Gal-7
Threitol
HML-Native
LS-150
Epa1-Np mutant E227G
VLRB.aGPA.23
HHL
VGA(EY Lab)
ECL
MPL
BPL
#8 Lewis B (T218) (Abcam)
HJA-1
HPA
rMpl
mouse Gal-7
UEAL
GAC78
rNV VLP-Cy3
PNA
DSL
Mouse NKR-PTC
BTI Native
Mono2R-CNL
AAL
WEL
Native HPA
hJAA-F11-B11
AOL (Mahal Lab)
WGA multimer
TbFBL1
LCA
CAA
GS-II(EY Lab)
SSLQ-488
TbFBL2
Mono2W-CNL
MAL-IT
SSRC
WT-VCC
WGA(Seikagaku Big)
P13 Vp8
LBL-152
WGA
PTA-Gal
DC-ASGPR short
CpVL
rCpVL
ME7(detected with a-HUB)
Anti-Lec
Anti-SNA
DBL-1
ConA



enantiomer-CFG-48-Sp13
Man(α 1-6)[Man(α 1-3)]Man(β 1-4)GlcNAc(β 1-4)GlcNAc(β -Sp13

0.6

0.4

0.2

0.0

hJAA-F11-B11
Sp13
PHA-A
DBA
HAA
ab5
CA19.9-4A288
CA19.9-9L426
AAL
Gal-3
UEA1
MAL
TAA
TAA-1
MAL-1
PHA-E
SBA
PNA
MGL-6A
RCA1 (Vector)
AFL-152
UEA1
Epa1-Np mutant E227A
ECL
Epa1-Np mutant E227G
Mouse Galectin-1
PhoSPL001
MPL
rNV VLP-Cv3
CML-1
Mouse NKR-P1C
P1L-11
Mouse Serotype 14.2
Sp Serotype 14.2
#14 Sialyl Lewis X (Calbio)
P11 Vp8
#15 Sialyl Lewis X (BD)
#8 Lewis X (218) (Abcam)
Sp Serotype 14.15
GAC78
CA19.9-1B844
Anti-LeC
HA70 complex-P5C
Thregitol
CA19.9 Ab (DRG)
MGL-6A
CA19.9-12
WGA
WT Galectin-8
P1L-1
mouse Gal-7
Epa1-Np mutant Y228W
SJA
Microvign
GSL-I-B4
Epa1-Np mutant Y228A
Epa1-Np-V1
hMPL
Avaren-FC
MGL-6B
MGL-416
PHA-E
hGal-1-488+BCK
WHA lectin
CGL
PTA-Gal
UEA1
PA-11
GSL-1
HPA
CSA(EY Lab)
WFL
human Gal-7
MAA(Seikagaku)
PHA-E
SS10-488
DC-ASGPR short
VVL
P5L
CnSep
VLRB.aGPA.23
GS-II(EY Lab)
Native HPA
SL-150
EEA(EY Lab)
TL(EY Lab)
Mono1-CNL
VGA(EY Lab)
WGA(Seikagaku Bio)
AAL
AIA
Mong2W-CNL
Galactin-1
Mono2R-CNL
WGA
Gal-3C
GSL-2
HML-Native
CML-2
MOA
DOLA
ABSA
ABSA
AOL(Mahal Lab)
CC1G-10077
SNA
Human Galectin-1
TbFBL1
CnMB
WT-VCC
LCH
BTL native
CAA
MNA-TM
TbFBL2
WGA
ME7(detected with a-HUD)
rHL
rHL
SNG
ME5(detected with a-HUD)
BanLec
UDA
GNA(EY Lab)
ConA
HHA(EY Lab)
DB-1
SGA
ConA
WGA multimer
AHL

Fraction Bound

0.0
0.2
0.4
0.6

enantiomer-CFG-195-Sp12

Man(α 1-6)[Man(α 1-2)Man(α 1-3)]Man(α 1-6)[Man(α 1-2)Man(α 1-3)]Man(β 1-4)GlcNAc(β 1-4)GlcNAc(β -Sp12

SNA
PHA-L
GS-II (EY Lab)
Mono2W-CNL
ABA
AOL (Mahal Lab)
aps
CA19.9-9L426
CA19.9-15874
CGL
VVHA lectin
WGA multimer
HA70 complex-Alexa
CC1G-10077
SSR1
WGA(Seikagaku Bio)
PA-IL
TJA-II
TJA-A
SBA
PNA
SBA
SBA
UEA1
CnMB
Epa1-Np mutant Y227A
Epa1-Np mutant Y228A
PhoSPL001
WT Galectin-8
CA19.9 Ab (PRG)
rSRL
Sp Serotype 14.2
DC-ASGPR short
BTL native
#14 Sialyl Lewis X (Calbio)
SS0-488
LSL-150
AACA
WT-VCC
MGA
VGA(EY Lab)
GAC78
RCAI(Vector)
hJAA-F11-B1
DBA
P11 VP8
Mono2R-CNL
Mono1-CNL
Threosol
Gal-3CB
WGA
MPL
Human Galectin-1
UEA1
Agiti-LeC
GSL-IB4
LEL
PHA-E
MAL
MAL
PTA-Gal
MAA(Seikagaku)
GAL-1
MGL 6A-H262
MPS-R-4A2B8
MGL 416
HPA
humap Gal-7
ATCNVH
#15 Sialyl Lewis X (BD)
MGL 6B
HAA
hGal-1-488+BCR
CML1
CSA(EY Lab)
Sp Serotype 14.13
rMpl
CnSept
Epa1-Np mutant Y228W
rNVLP-Cv3
CA19.9-1215LZ
MAA
VLRB.aGPA-23
MNA-TM
EEA(EY Lab)
PHA-EL
PSL
TL(EY Lab)
Galectin-1
MGL 6A
WGA
SKL
mouse Gal-7
DSL
AAL
HML-Native
Mouse Galectin-1
WFLC
Mouse NKR-B1C
Epa1-Np mutant E227G
GSL-3
GAL-3
TbFBL2
TbFBL1
TbFBL1
HHL
Avaren-FC
Native
GNA
GNA
ME7(detected with a-HUD)
GNA(EY Lab)
ME5(detected with a-HUD)
Microvlin
UDA
Ban-ec
SGA
HHA(EY Lab)
DBL-1
ConA
ConA
CAHL

Fraction Bound

enantiomer-CFG-197-Sp12
 Man(α 1-2)Man(α 1-6)[Man(α 1-3)]Man(α 1-6)[Man(α 1-2)Man(α 1-2)Man(α 1-3)]Man(β 1-4)GlcNAc(β 1-4)GlcNAc(β 1-6)Sp12

0.0

0.2

0.4

0.6

0.8

MGL 6A-H262T
 UEA-I
 WGA
 TL(EY Lab)
 LJA-I
 MNA-M
 SBA
 XNA
 MOA
 PTL-I
 PTL-II
 PTA-Gal
 PHA-E
 PHA-F
 IPS-K-4A2B8
 PNA
 WFL
 PA-L
 WGA(Seikagaku Bio)
 CA19.9-12SLE
 mouse Gal-7
 AOL (Manal Lab)
 BPL
 GS-II (EY Lab)
 VHA lectin
 WGA multimer
 HA70 complex-Alexa
 MGL 6A
 EEA(EY Lab)
 MG 6B
 rMPLA
 SBA
 SIA
 Native HPA
 PHA-E
 MAA
 MALT
 MALT
 Cnseph
 WT Galecin-8
 ALC
 Mouse NKR-P1C
 Threelol
 Gal-3C
 CML1
 PhoSPL01
 AAL
 Human Galecin1
 ECL
 CUEA
 Anti-Lec
 P11 Vp8
 GAC78
 Galecin-1
 hGal-1-488+BCR
 BL-130
 LB-152
 VLRB-aGPA-23
 INV-VLP-CY2
 MGL 416
 CSA(EY Lab)
 HPA
 HAA
 GSL-I-B4
 DBA
 GS1
 #15 Sialyl Lewis X (BD)
 EEL
 ab5
 HML-Native
 Sp Serotype 14.2
 CA19.9-gal-426
 Epa1-Np mutant Y228W
 AFCNH
 UEA-I
 PHA-E
 CA19.9-1B847
 Epa1-Np mutant E227A
 Sp Serotype 14.15
 PSL
 Epa1-Np mutant Y228A
 MAA(Seikagaku)
 hJA-F11-B1
 #14 Sialyl Lewis X (Calbio)
 SSR1
 CA19.9 Ab (DRG)
 RCAI (Vegon)
 Epa1-Np mutant E227G
 VGA(EY Lab)
 CGL
 #8 Lewis B (T218) (Abcam)
 Mono1-CNL
 PSA
 WGA
 Mono2W-CNL
 Epa1-Np WT
 MPL
 Mono2R-CNL
 human Gal-7
 CC1G-10077
 WT-VCC
 TbFBL2
 PSCA
 CAA
 GSL-3
 Gal-3
 BTL native
 ALX
 CA
 SSL0-488
 Mouse Galecin1
 DC-ASGPR short
 C1B
 DSL
 TbFBL1
 HHL
 SHL
 GNLH
 SNA
 WGA
 NPA
 NCA
 GNA(EY Lab)
 Avareg-Fc
 BanLec
 Microvin
 ME7(detected with a-HUD)
 DB-1
 UDA
 HHA(EY Lab)
 ME5(detected with a-HUD)
 CbPA
 CoPA
 CoPA
 CAHL

Fraction Bound

enantiomer-CFG-199-Sp9
Man(α 1-6)[Man(α 1-3)]Man(α -Sp9

0.0

0.2

0.4

0.6

SNA
MGL 6A
AHL
SGA
Native HPA
WGA(Seikagaku Bio)
UEA-I
UDA
TL(EY Lab)
TJA-II
SBA
Sp Serotype 14.15
WGA
PSK-I
PLS
WGA multimer
PHA-E
rPVL
CGL
MOA
UEA-I
SJA
AAL
SL-152
EEA(EY Lab)
GS-II(EY Lab)
ab5
Microvillus
IPS-K-4A2B8
CA19.9-121SL
CA19.9-1429
mouse Gal-7
WGA lectin
MNA
Epa1-Np mutant E227G
GAL-3C
WT Galectin-8
GSL-1
Threefoil
Mouse Galectin-1
DSL
MPL
MAA
PhoSPL001
Human Galectin-1
Epa1-Np mutant Y228W
PFL
Epa1-Np mutant Y228A
AIA
DBA
HAA
WGA
Galectin-1
Epa1-Np WT
Avaron-Fc
UEA-I
LCH
Mono2R-CNL
CnSep
WGA
CSA(EY Lab)
FCL
HML-Native
Mono1-CNL
Mono1-CNL
Lewis X (Calbio)
Mouse NKRP-1C
CA19-9 Ab (DRG)
BPL
Epa1-Np mutant E227A
Sp Serotype 14.2
bFBL-1
MNA-M
SBA
MGL 6B
#15 Sialyl Lewis X (BD)
AOL (Mann Lab)
SSV1
MAA(Seikagaku)
CA19.9-1B844
MGL 416
CML1
DC-ASGPR short
GSL-I-B4
GSL-2
GSL-1
PHA-E
HPA
hGal-1-488+BCCK
SRL
PHA-L
HA70 complex-Alexa
PSSC
MGL 6A-H262
LTA
VGA(EY Lab)
MAB1
P11 Vp8
PSA
hJAA-F11-B-1
AFCN-VH
WFL
Gal-3
CAAX
rNV VLP-Cv3
TbFBL-2
SSL0-488
human Gal-7
AAL
TJA-I
CC1G-1007
PIA-Gal
CnMBL
Mono2W-CNL
GAC-78
BTI native
RCA(Vectec)
WT VpC
ME7(detected with a-HUD)
Agg-Lec
VLRB.aGPBNA
LNA
HNL
GND
ME5(detected with a-HUD)
BanLec
GNA (EY Lab)
NPA
DBL-1
HHA(EY Lab)
ConA
ConA

Fraction Bound

0.0
0.2
0.4

enantiomer-CFG-200-Sp9
Man(α 1-2)Man(α 1-2)Man(α 1-6)[Man(α 1-3)]Man(α -Sp9

SNA
hGal-1-488+BCR
MGL-416
PVL
MAA-2
SSP-488
LSL-150
PNA
WT-VCC
UEA1
PNA
CSA(EY Lab)
EEA(EY Lab)
TJA-I
TJA-II
UEA1
GS-II (EY Lab)
PA-II
WGA(Seikagaku Bio)
AO(L(Marlab))
CC1G-1007
MGL-68
Gal-3
HA70 complex-Alexa
CSGL
HPA
AFCNVH
Mouse NKRP1C
CUMBL
UEA1
Epa1-Np mutant E227A
Human Galectin-1
Mouse Galectin-1
WGA
Threefold
PhoSPL001
AIA
WT Galectin-8
CnSect
VVHA lectin
Sp Serotype 14-15
DBA
D2LL
GSL
CA19.9-9-426
P11Vp58
GAC78
AHL
#15 Sialyl Lewis X (BD)
#14 Sialyl Lewis X (Cabo)
Epa1-Np mutant Y228W
CA19.9-121
BPL
rNV VLP-Cv3
AA1
CA19-9 Ab (DRG)
SBA
CML1
IBL-152
BTL native
Epa1-Np mutant Y228A
SBA
MGL-6A
AA1
Epa1-Np mutant E227G
EEL(EY Lab)
SSP1
MGL 6A-H2621
PNA
PNA
PS2CA
LPL
MPL
HML-Native
VVL
Native HPA
Gal-3C
MAFL
WFL
RCAI (Vector)
ECL
LTL
PHA-E
WGA
VLRB.aGPA-23
MAA(Seikagaku)
Sp Serotype 14-2
GSL-1
CA19.9-18844
BBL
WGA multimer
hFBL
MNA-M
rMPL
#8 Lewis B (T218) (Abcam)
SGA
human Gal-7
mouse Gal-7
mouse Gal-7
Anti-LeC
hJAA-E1-B11
VGA(EY Lab)
MOA
PTA-Gal
GSL-I-B4
Mono2W-CNL
Mono2R-CNL
DC-ASGPR short
Mono1-CNL
IPSK-4A2B8
Galecin-1
CHL-2
HHL-2
GSL-II
MAL-PA
SBA
DBL-1
BLSA
NPA
GNA(EY Lab)
Microvinin
BanLec
AvaRed-Ec
CA
ME7(detected with a-HUD)
HHA(EY Lab)
ME5(detected with a-HUD)
ConA
LCH
ConA

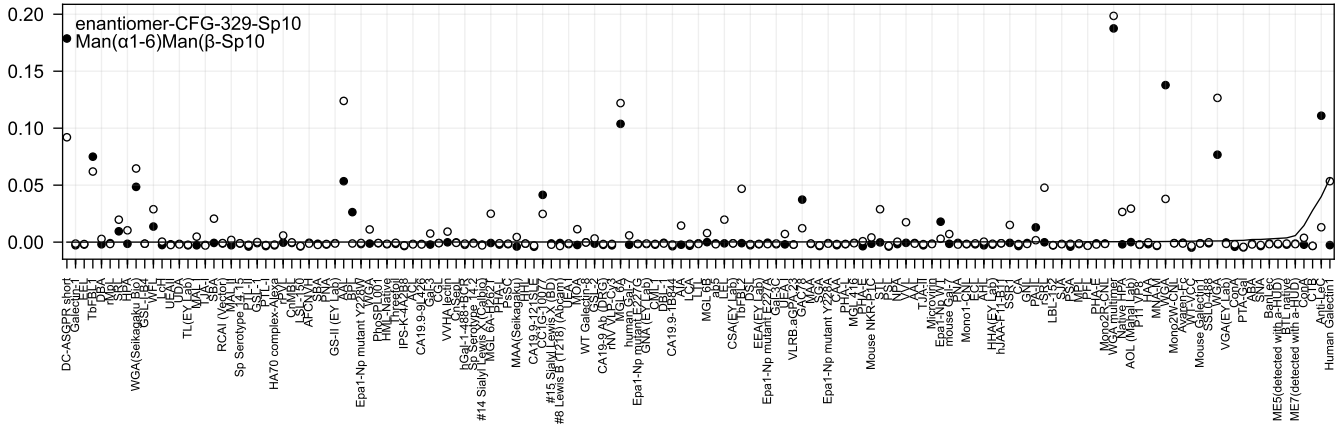
Fraction Bound

0.0
0.2
0.4
0.6

enantiomer-CFG-205-Sp12
Man(α 1-6)[Man(α 1-3)]Man(α 1-6)[Man(α 1-3)]Man(β 1-4)GlcNAc(β 1-4)GlcNAc(β -Sp12

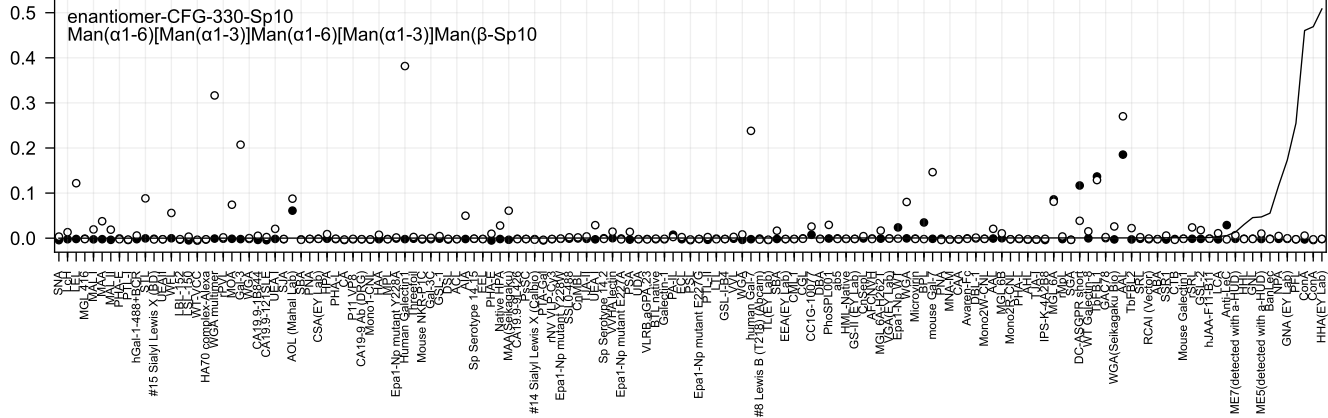
TL(EY Lab)
HAA
HPA
CSA(EY Lab)
GSL-I-B4
ABA
Cp5
Cp6
MAA
PHA-E
MAA(Seikagaku)
WGA multimer
PTA-Gal
P11
CC1G-10077
RCAI (Vector)
PNA
WGA(Seikagaku Bio)
WFL
VVL
TJA-I
TJA-II
SBA
SEA
PNA
UEA1
CUMBL
UEA1
Human Galectin1
Mouse Galectin1
PhoSPL
WGA
CSJA
Mouse NKR-P1C
AIA
Threitol
UEA1
WGA
Mono1-CNL
BL-152
Mono2-CNL
VLRB
VHA lectin
Sp Serotype 14-2
EEA(EY Lab)
MGL 4-16
Sp Serotype 14-15
LIL
mouse Gal-7
HML-Native
CA19-9-9-126
CA19-9 Ab (DRG)
Avaten-Fc
MGL 68
WT Galectin-8
Epa1-Np mutant Y228A
MGL 6A-H262
#14 Sialyl Lewis X (Cabrio)
Native HPA
Gal-3C
MOA
SBA
PHA-L
CA19-9-121SLE
HA70 complex-Alexa
rNV
VLP-CV3
AFCNVH
PHA-L
AOI (Mab) Lab
VGA(EY Lab)
human Gal-1
hJAA-F11-B1
Epa1-Np WT
Galectin-1
ACI
#15 Sialyl Lewis X (BD)
Epa1-Np mutant E227A
PTL-II
#8 Lewis B (T218) (Abcam)
AAL
AAL
MPLA
Cp6
P52
Epa1-Np mutant E227G
SSR1
MGL 68A
IPS-K-4A288
CA19-9-1B844
hGal-1-488+BCR
LSL-150
DBA
LEL
GS-II (EY Lab)
C01 Sep
Mono2W-CNL
AAL
P11 Vp8
WT-VCC
MPLA
MAL-II
Gal-3
GAA
GAC78
MAL-I
Anti-LEC
SPVLE
PHA-E
TbF6-288
SSLO-488
Epa1-Np mutant Y228W
GSL-2
DC-ASGPR short
rSRL
Microv(m)
TbFBL1
LCA
MNA-M
BTL native
Lch
SLHA
WGA
HHL
ME7(detected with a-HUD)
GNL
Ban Lec
ME5(detected with a-HUD)
NPA
GNA (EY Lab)
UDA
DBL-1
PSGA
PFL
HHA(EY Lab)
ConA
CAHA
ConA

Fraction Bound



Fraction Bound

enantiomer-CFG-330-Sp10
 Man(α 1-6)[Man(α 1-3)]Man(α 1-6)[Man(α 1-3)]Man(β -Sp10



Fraction Bound

0.0
0.2
0.4

enantiomer-CFG-331-Sp9
Man(α 1-2)Man(α 1-6)[Man(α 1-3)]Man(α 1-6)[Man(α 1-2)Man(α 1-2)Man(α 1-3)]Man(α -Sp9

BTL native
hGal-1-488+BCR
#14 Sialyl Lewis X (Calbio)
#8 Lewis B (T218) (Abcam)
CC1G-10077
rNV VLP-Cv3
VLRB aGPA-488
SSL0-488
LBI-152
PHA-1
SSR1
MGL 416
MGA
PHA-L
RCAI (Vector)
EAA(EY Lab)
GS-II (EY Lab)
TJA-II
TJA-I
SCA
UEA-I
BPL
PNA
Native HPA
AOL (Maha Lab)
DC-ASGPR short
Epa1-Np mutant Y228W
Gal-3
Human Galectin-1
AAL
MGA
WGA multimer
CTB
Gal-3C
Threefold
HAA
AAL
PhoSPL001
DBA
IPS-K-4A2B8
GSL-1
CnSeph
Galectin-1
CA
CA19-9 Ab (DRG)
p11 Vp9
mouse Gal-7
CA19-9-9L426
ap2
MGL 6A-H2621
Mouse Galectin-1
Mouse NKR-P1C
TL(EY Lab)
Epa1-Np mutant Y228A
ZEL
TbFBL1
MNA-M
CA19-9-1271SAE
AA1
CML1
VVHA lectin
WGA
UDA
CAA
HML-Native
Mgno2W-CNL
hJAA-F11-B11
PA-IL
WT Galectin-3
ECL
HA70 complex-Alexa
Cnm1b
SL-150
CSA(EY Lab)
CA19-9-1B844
MAL1
Sp Serotype 14.2
Epa1-Np mutant E227A
MPL
PHA-E8
GAC18
MGL 6B
AFCNVH
PHA-L
MAL-1
human Gal-7
MCOA
PTL-1
HPA
pV
WT-VCC
Epa1-Np mutant E227C
MGL 6A
MPL-IL
STL
MAA(Seikagaku)
Mono2R-CNL
Sp Serotype 14.1
PSA
UEA1
UAE1
Mono1-CNL
PSSC
GSL-1-B4
Anti-LecA
GSL-1A
GSL-1B
PTA-Gal
SNA
VGA(EY Lab)
WGA(Seikagaku Bio)
SBA
LPL
GNL
LCH
LCP
NPA
GNA(EY Lab)
Microvin
ME7(detected with a-HUD)
Avareg-Fc
DBL-1
BanLec
ME5(detected with a-HUD)
HHA(EY Lab)
ConA

