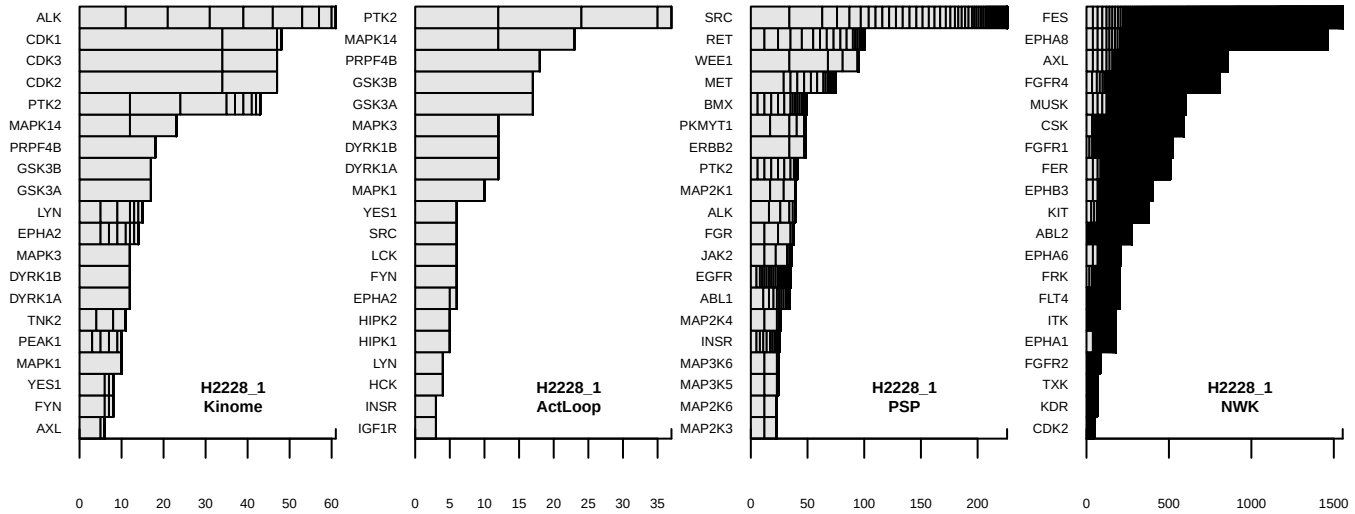
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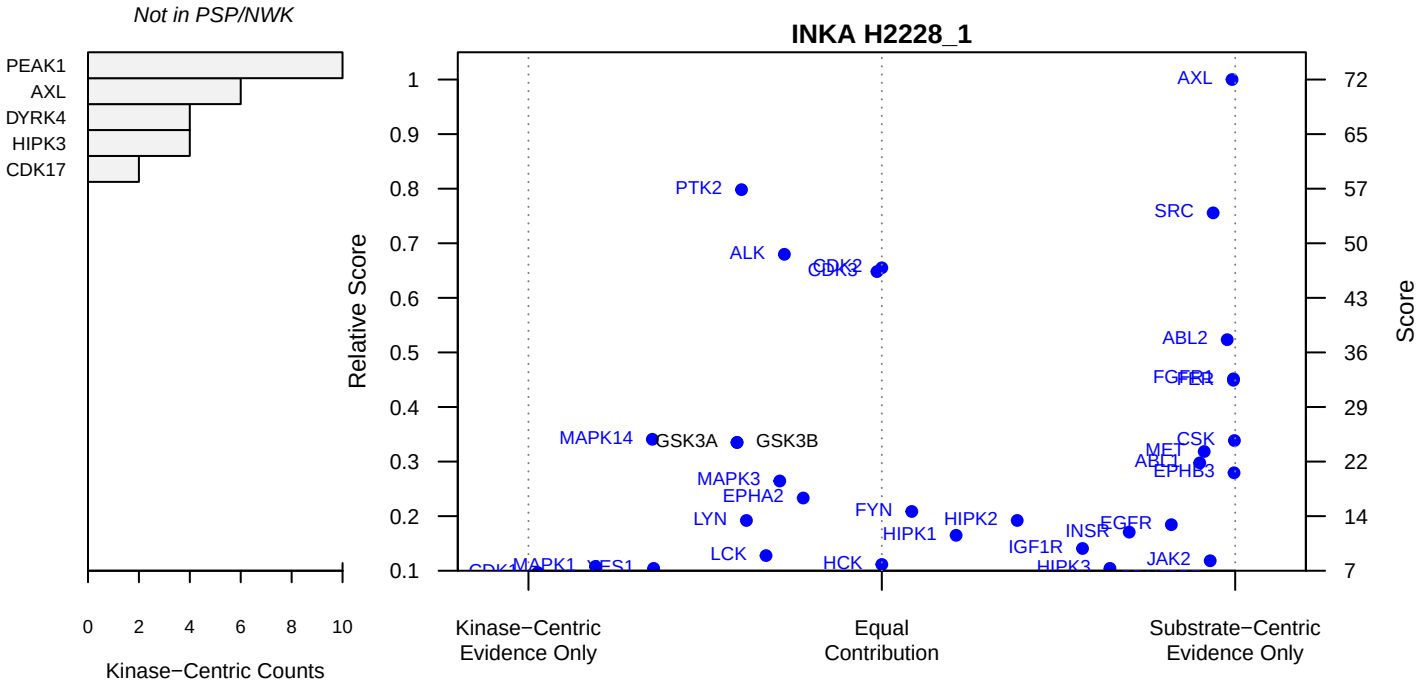
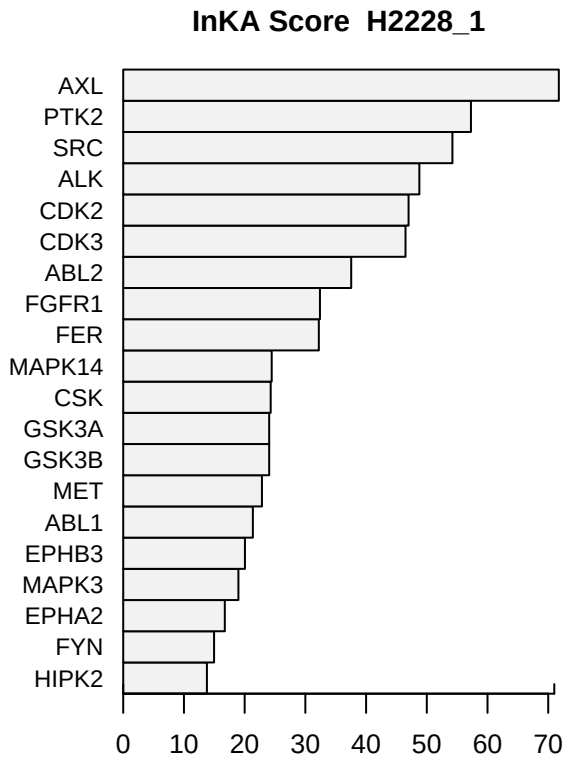
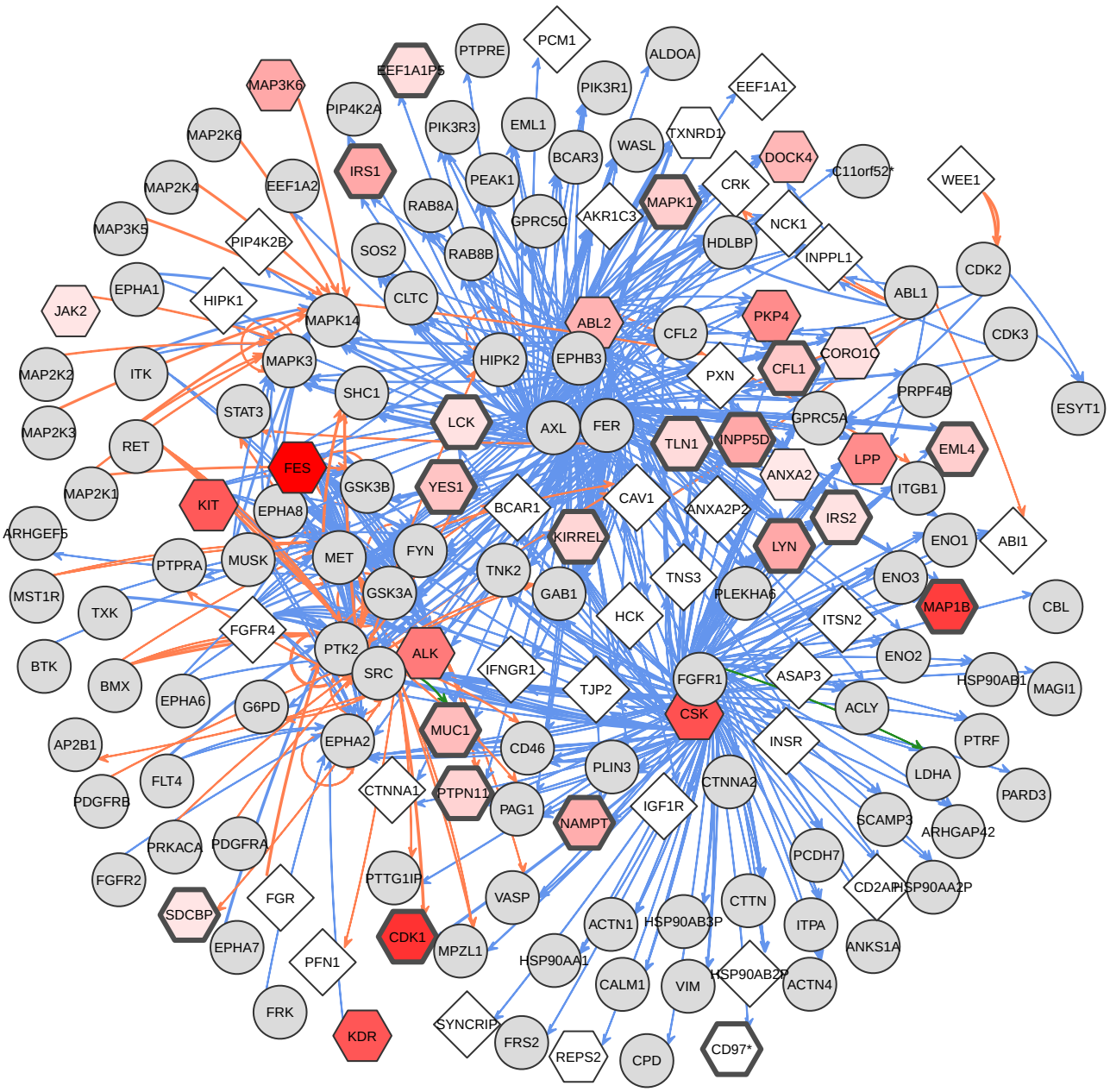
CDK1
CDK3
CDK2
PTK2
MAPK14
PRPF4B
GSK3B
GSK3A
LYN
EPHA2
MAPK3
DYRK1B
DYRK1A
TNK2
PEAK1
MAPK1
YES1
FYN
AXL
H2228_1
Kinome
0 10 20 30 40 50 60
PTK2
MAPK14
PRPF4B
GSK3B
GSK3A
MAPK3
DYRK1B
DYRK1A
MAPK1
YES1
SRC
LCK
FYN
EPHA2
HIPK2
HIPK1
LYN
HCK
INSR
IGF1R
H2228_1
ActLoop
0 5 10 15 20 25 30 35
SRC
RET
WEE1
MET
BMX
PKMYT1
ERBB2
PTK2
MAP2K1
ALK
FGR
JAK2
EGFR
ABL1
MAP2K4
INSR
MAP3K6
MAP3K5
MAP2K6
MAP2K3
H2228_1
PSP
0 50 100 150 200
FES
EPHA8
AXL
FGFR4
MUSK
CSK
FGFR1
FER
EPHB3
KIT
ABL2
EPHA6
FRK
FLT4
ITK
EPHA1
FGFR2
TXK
KDR
CDK2
H2228_1
NWK
0 500 1000 1500


Not in PSP/NWK
PEAK1
AXL
DYRK4
HIPK3
CDK17
0 2 4 6 8 10
Kinase−Centric Counts
INKA H2228_1
Relative Score
Score
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
72
65
57
50
43
36
29
22
14
7
AXL
PTK2
SRC
ALK
CDK2
CDK3
ABL2
FGFR1
FER
MAPK14
GSK3A
GSK3B
CSK
MET
ABL1
EPHB3
MAPK3
EPHA2
FYN
HIPK2
HIPK1
LYN
INSR
EGFR
IGF1R
LCK
HCK
JAK2
Kinase−Centric
Evidence Only
Equal
Contribution
Substrate−Centric
Evidence Only


InKA Score H2228_1
AXL
PTK2
SRC
ALK
CDK2
CDK3
ABL2
FGFR1
FER
MAPK14
CSK
GSK3A
GSK3B
MET
ABL1
EPHB3
MAPK3
EPHA2
FYN
HIPK2
0 10 20 30 40 50 60 70

H2228_1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PTPRE
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ALDOA
MAP3K6
PIK3R1
EEF1A1
PIP4K2A
PIK3R3
EML1
TXNRD1
MAP2K6
WASL
BCAR3
DOCK4
C11orf52*
IRS1
PEAK1
CRK
WEE1
MAP2K4
EEF1A2
MAPK1
RAB8A
GPRC5C
AKR1C3
NCK1
MAP3K5
PIP4K2B
SOS2
HDLBP
INPPL1
RAB8B
CDK2
EPHA1
CLTC
ABL1
JAK2
HIPK1
ABL2
PKP4
CDK3
MAPK14
CFL2
CORO1C
MAP2K2
ITK
MAPK3
HIPK2
EPHB3
PXN
CFL1
PRPF4B
ESYT1
SHC1
STAT3
LCK
AXL
FER
GPRC5A
MAP2K3
RET
TLN1
INPP5D
EML4
FES
ANXA2
LPP
MAP2K1
GSK3B
YES1
BCAR1
CAV1
ITGB1
KIT
EPHA8
ANXA2P2
IRS2
ARHGEF5
KIRREL
LYN
ENO1
ABI1
PTPRA
MUSK
MET
FYN
TNK2
TNS3
ENO3
MAP1B
CBL
MST1R
GSK3A
GAB1
PLEKHA6
TXK
HCK
ITSN2
FGFR4
PTK2
ENO2
BTK
ALK
IFNGR1
FGFR1
ASAP3
HSP90AB1
MAGI1
BMX
SRC
TJP2
CSK
ACLY
EPHA6
G6PD
MUC1
INSR
PTRF
AP2B1
EPHA2
CD46
PLIN3
LDHA
FLT4
CTNNA1
PTPN11
CTNNA2
PARD3
PDGFRB
PAG1
NAMPT
IGF1R
SCAMP3
ARHGAP42
PRKACA
PDGFRA
PCDH7
FGFR2
PTTG1IP
VASP
CTTN
CD2AP
HSP90AA2P
FGR
ACTN1
HSP90AB3P
ITPA
SDCBP
CDK1
MPZL1
ANKS1A
EPHA7
HSP90AA1
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FRK
KDR
SYNCRIP
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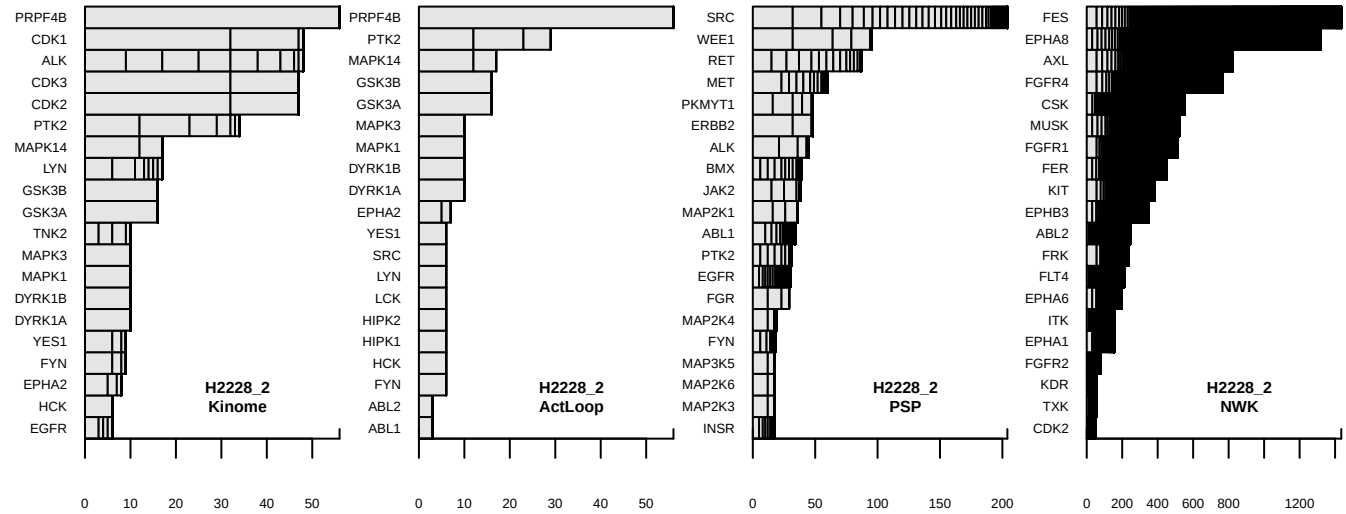
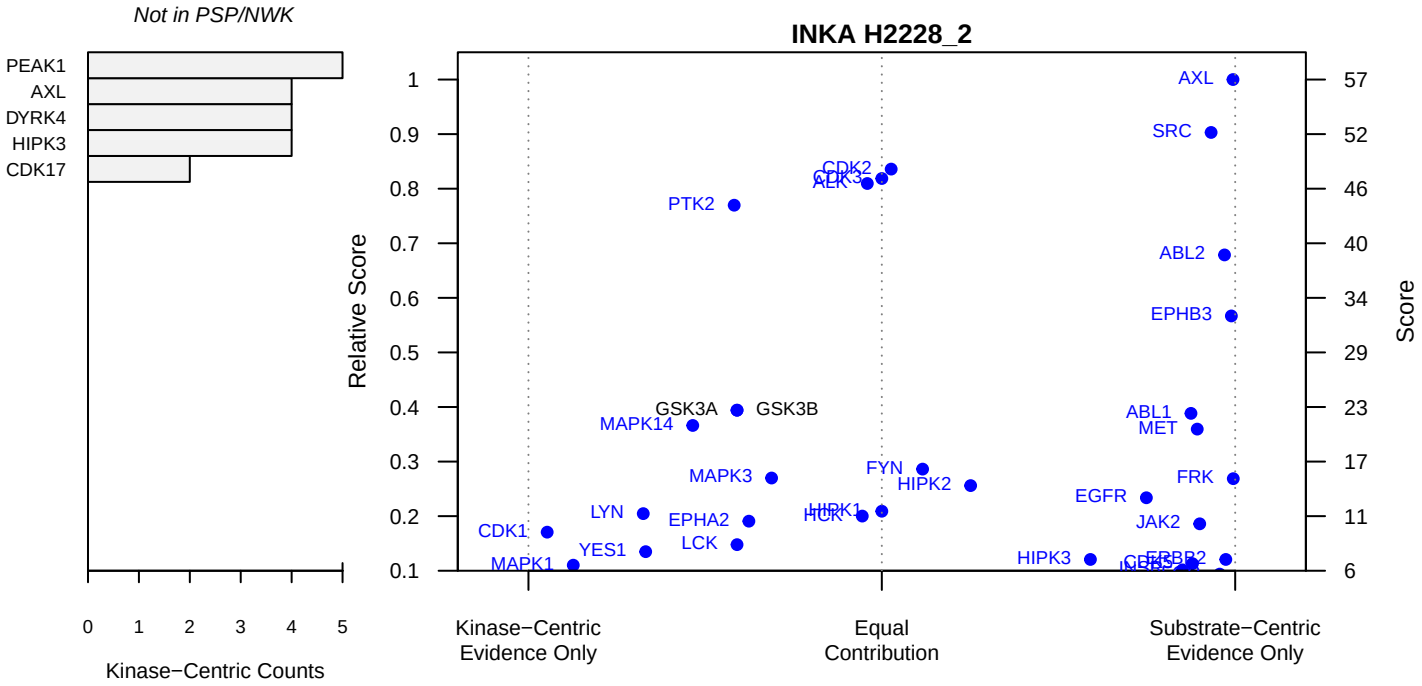
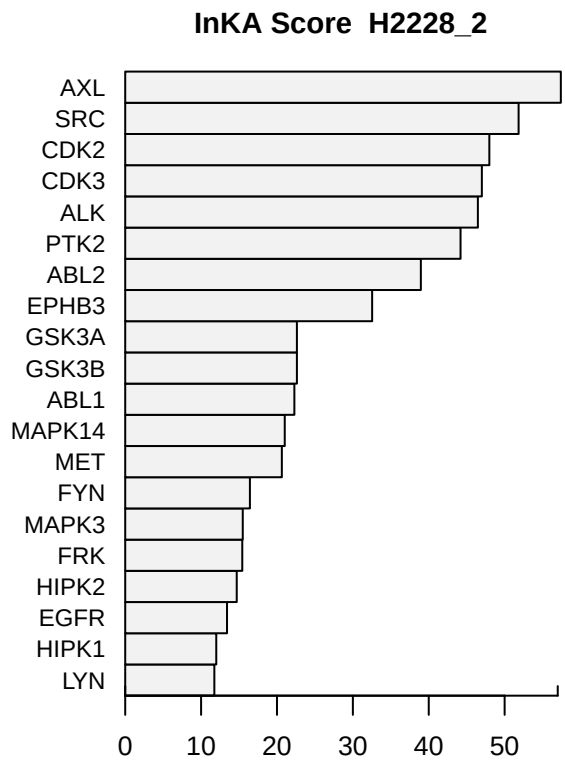
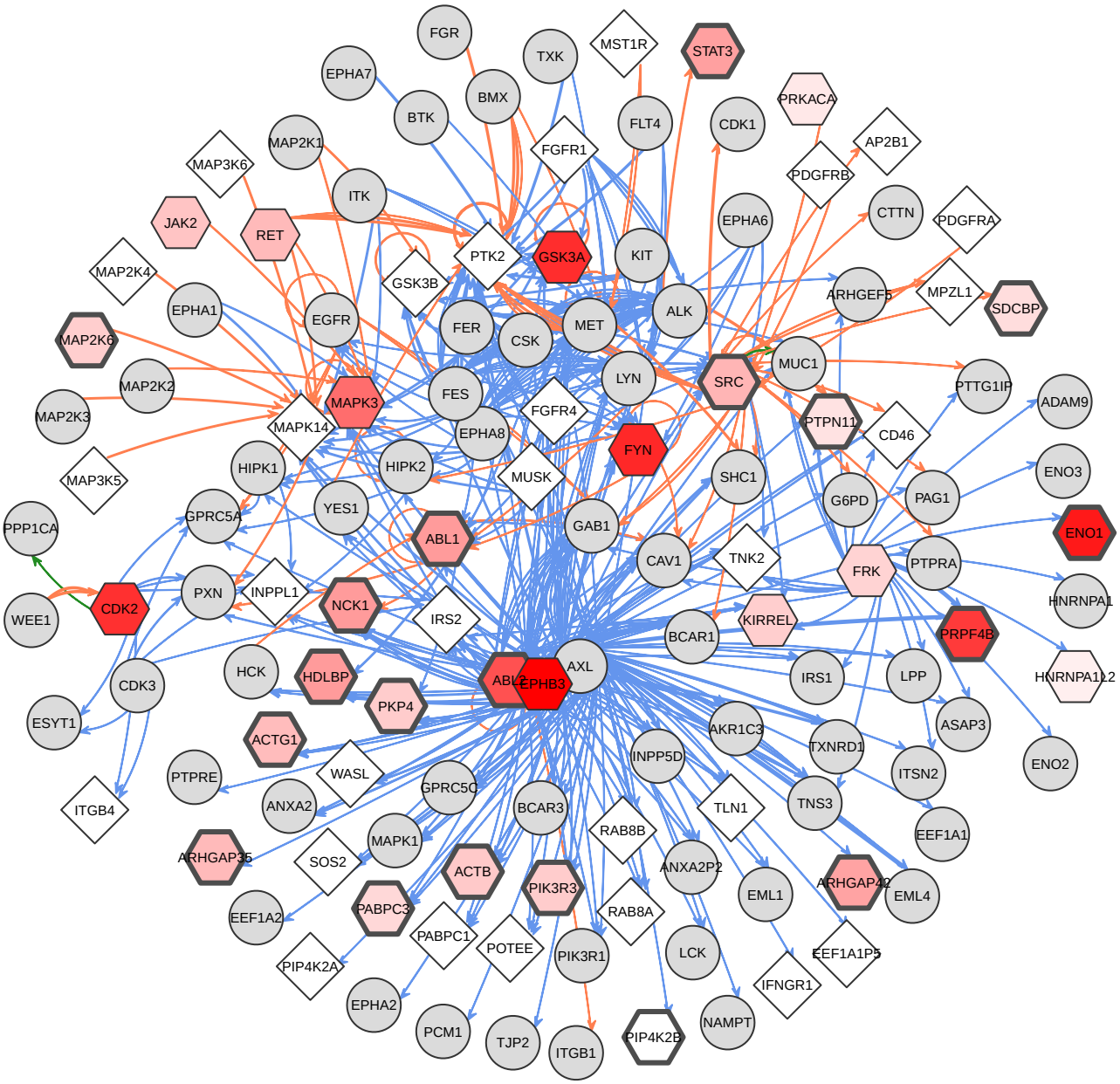
REPS2
CPD
CD97*


PRPF4B
CDK1
ALK
CDK3
CDK2
PTK2
MAPK14
LYN
GSK3B
GSK3A
TNK2
MAPK3
MAPK1
DYRK1B
DYRK1A
YES1
FYN
EPHA2
HCK
EGFR
H2228_2
Kinome
0 10 20 30 40 50
PRPF4B
PTK2
MAPK14
GSK3B
GSK3A
MAPK3
MAPK1
DYRK1B
DYRK1A
EPHA2
YES1
SRC
LYN
LCK
HIPK2
HIPK1
HCK
FYN
ABL2
ABL1
H2228_2
ActLoop
0 10 20 30 40 50
SRC
WEE1
RET
MET
PKMYT1
ERBB2
ALK
BMX
JAK2
MAP2K1
ABL1
PTK2
EGFR
FGR
MAP2K4
FYN
MAP3K5
MAP2K6
MAP2K3
INSR
H2228_2
PSP
0 50 100 150 200
FES
EPHA8
AXL
FGFR4
CSK
MUSK
FGFR1
FER
KIT
EPHB3
ABL2
FRK
FLT4
EPHA6
ITK
EPHA1
FGFR2
KDR
TXK
CDK2
H2228_2
NWK
0 200 400 600 800 1200


Not in PSP/NWK
PEAK1
AXL
DYRK4
HIPK3
CDK17
0 1 2 3 4 5
Kinase−Centric Counts
INKA H2228_2
Relative Score
Score
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
57
52
46
40
34
29
23
17
11
6
AXL
SRC
CDK2
CDK3
ALK
PTK2
ABL2
EPHB3
GSK3A
GSK3B
MAPK14
ABL1
MET
MAPK3
FYN
HIPK2
FRK
EGFR
LYN
HIPK1
HCK
EPHA2
JAK2
CDK1
YES1
LCK
HIPK3
MAPK1
Kinase−Centric
Evidence Only
Equal
Contribution
Substrate−Centric
Evidence Only


InKA Score H2228_2
AXL
SRC
CDK2
CDK3
ALK
PTK2
ABL2
EPHB3
GSK3A
GSK3B
ABL1
MAPK14
MET
FYN
MAPK3
FRK
HIPK2
EGFR
HIPK1
LYN
0 10 20 30 40 50

H2228_2


FGR
TXK
MST1R
STAT3
EPHA7
BMX
BTK
FLT4
CDK1
PRKACA
MAP2K1
FGFR1
AP2B1
MAP3K6
ITK
PDGFRB
JAK2
RET
CTTN
EPHA6
PDGFRA
PTK2
GSK3A
KIT
MAP2K4
GSK3B
ARHGEF5
MPZL1
SDCBP
EPHA1
EGFR
FER
CSK
MET
ALK
MAP2K6
MUC1
MAP2K2
LYN
SRC
PTTG1IP
ADAM9
MAP2K3
MAPK3
FES
FGFR4
PTPN11
CD46
MAPK14
EPHA8
FYN
HIPK1
HIPK2
MUSK
SHC1
ENO3
MAP3K5
G6PD
PAG1
GPRC5A
YES1
GAB1
ENO1
PPP1CA
ABL1
CAV1
TNK2
FRK
PTPRA
WEE1
CDK2
PXN
INPPL1
NCK1
IRS2
HNRNPA1
KIRREL
BCAR1
PRPF4B
HCK
HDLBP
AXL
IRS1
LPP
HNRNPA1L2
CDK3
ABL2
EPHB3
PKP4
AKR1C3
ASAP3
ESYT1
ACTG1
INPP5D
TXNRD1
ITSN2
ENO2
PTPRE
WASL
GPRC5C
TNS3
ITGB4
ANXA2
BCAR3
TLN1
EEF1A1
RAB8B
ARHGAP35
SOS2
MAPK1
ANXA2P2
ACTB
PIK3R3
EML1
ARHGAP42
EML4
EEF1A2
PABPC3
RAB8A
PABPC1
POTEE
LCK
EEF1A1P5
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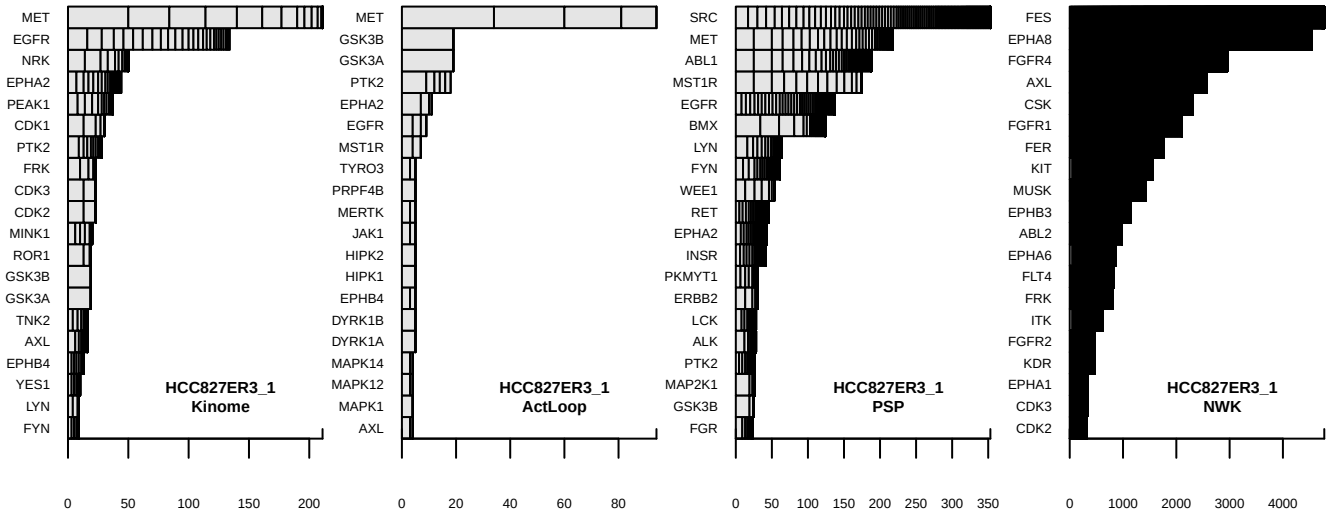
PIP4K2B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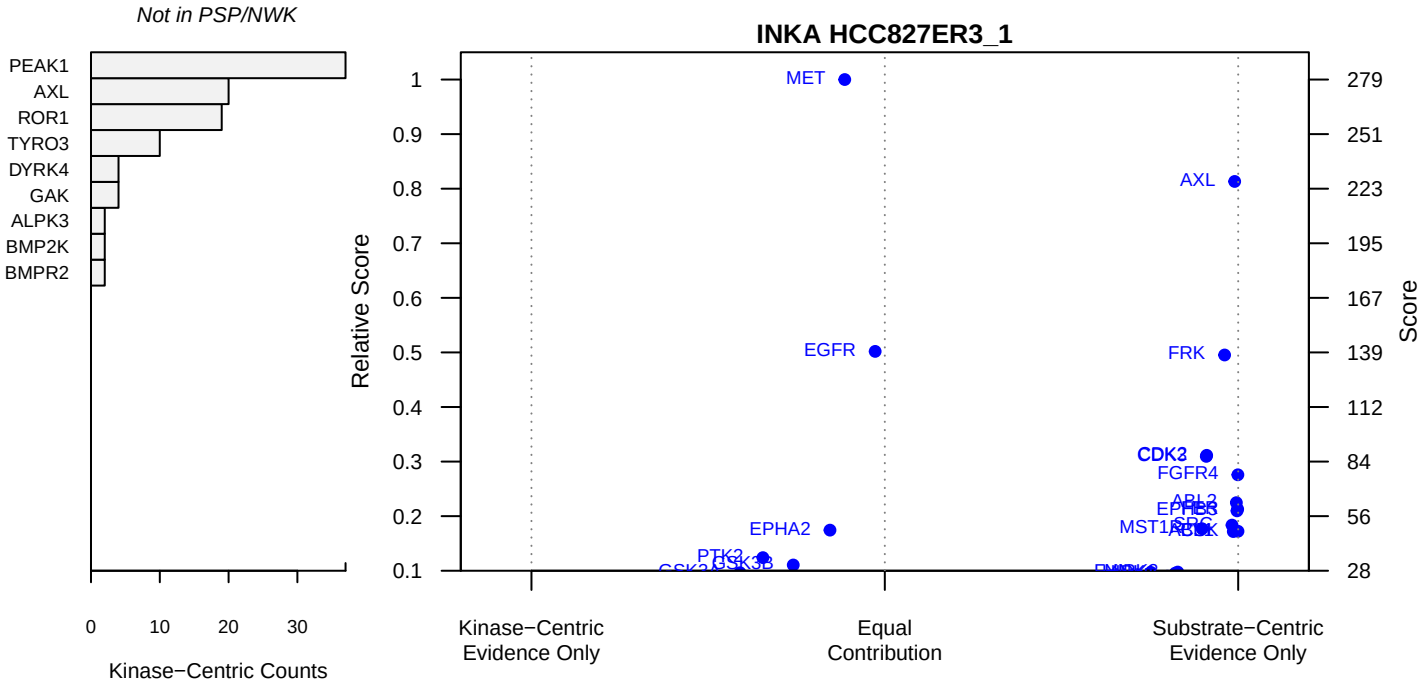
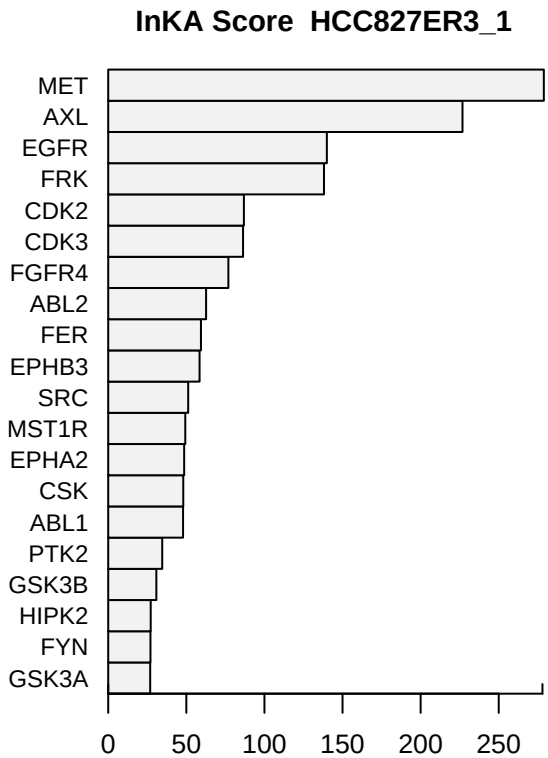
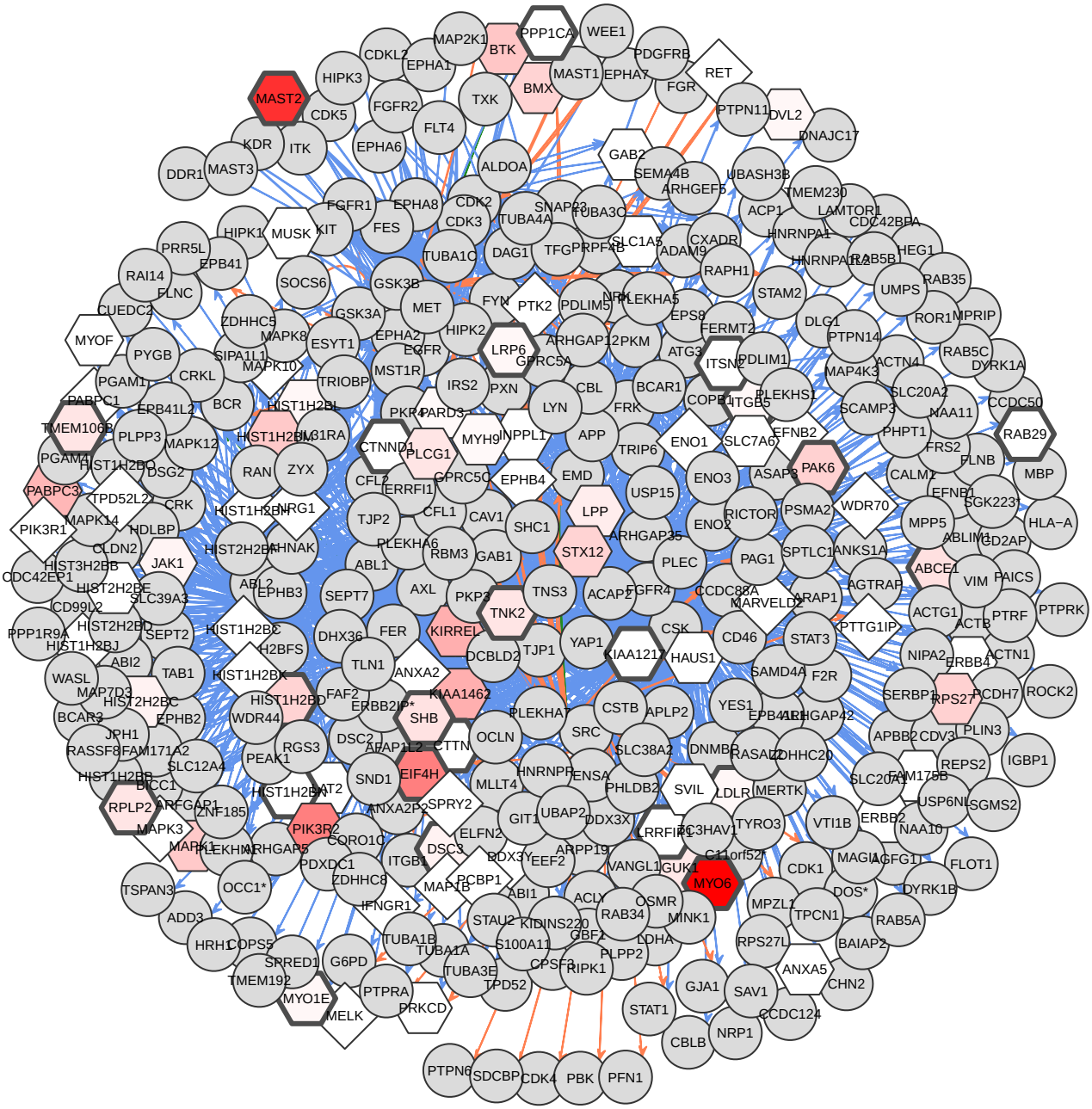
EGFR
NRK
EPHA2
PEAK1
CDK1
PTK2
FRK
CDK3
CDK2
MINK1
ROR1
GSK3B
GSK3A
TNK2
AXL
EPHB4
YES1
LYN
FYN
HCC827ER3_1
Kinome
0 50 100 150 200
MET
GSK3B
GSK3A
PTK2
EPHA2
EGFR
MST1R
TYRO3
PRPF4B
MERTK
JAK1
HIPK2
HIPK1
EPHB4
DYRK1B
DYRK1A
MAPK14
MAPK12
MAPK1
AXL
HCC827ER3_1
ActLoop
0 20 40 60 80
SRC
MET
ABL1
MST1R
EGFR
BMX
LYN
FYN
WEE1
RET
EPHA2
INSR
PKMYT1
ERBB2
LCK
ALK
PTK2
MAP2K1
GSK3B
FGR
HCC827ER3_1
PSP
0 50 100 150 200 250 300 350
FES
EPHA8
FGFR4
AXL
CSK
FGFR1
FER
KIT
MUSK
EPHB3
ABL2
EPHA6
FLT4
FRK
ITK
FGFR2
KDR
EPHA1
CDK3
CDK2
HCC827ER3_1
NWK
0 1000 2000 3000 4000


Not in PSP/NWK
PEAK1
AXL
ROR1
TYRO3
DYRK4
GAK
ALPK3
BMP2K
BMPR2
0 10 20 30
Kinase−Centric Counts
INKA HCC827ER3_1
Relative Score
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
Score
279
251
223
195
167
139
112
84
56
28
MET
AXL
EGFR
FRK
CDK2
FGFR4
EPHA2
PTK2
Kinase−Centric
Evidence Only
Equal
Contribution
Substrate−Centric
Evidence Only


InKA Score HCC827ER3_1
MET
AXL
EGFR
FRK
CDK2
CDK3
FGFR4
ABL2
FER
EPHB3
SRC
MST1R
EPHA2
CSK
ABL1
PTK2
GSK3B
HIPK2
FYN
GSK3A
0 50 100 150 200 250

HCC827ER3_1



MAST2
MAP2K1
BTK
PPP1CA
WEE1
CDKL2
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PDGFRB
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MAST1
EPHA7
RET
BMX
FGR
TXK
FGFR2
CDK5
PTPN11
DVL2
FLT4
DNAJC17
KDR
ITK
EPHA6
GAB2
DDR1
MAST3
ALDOA
SEMA4B
UBASH3B
ARHGEF5
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EPHA8
CDK2
SNAP23
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ACP1
LAMTOR1
CDK3
TUBA4A
CDC42BPA
HIPK1
MUSK
KIT
FES
SLC1A5
CXADR
HNRNPA1
PRR5L
TUBA1C
DAG1
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PLEKHA5
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MYOF
MAPK8
ESYT1
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PKM
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PYGB
SIPA1L1
EGFR
LRP6
ATG3
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MAPK10
GPRC5A
ITSN2
PDLIM1
ACTN4
DYRK1A
PGAM1
CRKL
TRIOBP
MST1R
MAP4K3
IRS2
PXN
CBL
BCAR1
SLC20A2
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BCR
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PARD3
LYN
COPB1
ITGB5
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SCAMP3
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PLCG1
TRIP6
ENO1
SLC7A6
FRS2
PGAM4
HIST1H2BO
DSG2
RAN
ZYX
CFL2
GPRC5C
EPHB4
EMD
ENO3
ASAP3
PAK6
FLNB
MBP
PABPC3
ERRFI1
USP15
CALM1
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NRG1
CFL1
CAV1
LPP
RICTOR
PSMA2
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SHC1
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PLEKHA6
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GD2AP
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JAK1
ABL1
PLEC
PAG1
SPTLC1
ANKS1A
ABCE1
CDC42EP1
HIST2H2BE
ABL2
EPHB3
SEPT7
AXL
PKP3
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ACAP2
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CCDC88A
MARVELD2
ARAP1
AGTRAP
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PAICS
SLC39A3
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PTRF
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PPP1R9A
HIST2H2BD
SEPT2
HIST1H2BC
DHX36
FER
KIRREL
CSK
CD46
STAT3
PTTG1IP
ACTB
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H2BFS
DCBLD2
TJP1
YAP1
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HAUS1
NIPA2
ERBB4
ACTN1
ABI2
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TLN1
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WASL
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BCAR3
EPHB2
WDR44
JPH1
RGS3
DSC2
AFAP1L2
CTTN
OCLN
SRC
APBB2
CDV3
PLIN3
RASSF8
FAM171A2
PEAK1
SLC38A2
DNMBP
RASAD2
ZDHHC20
IGBP1
SLC12A4
HIST1H2BB
BICC1
SND1
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HNRNPR
ENSA
PHLDB2
SVIL
LDLR
MERTK
SLC20A1
FAM175B
REPS2
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ARFGAP1
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HIST1H2BN
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MLLT4
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UBAP2
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SGMS2
MAPK3
PIK3R2
CORO1C
ELFN2
LRRFIP1
C3HAV1
TYRO3
VTI1B
ERBB2
NAA10
MAPK1
PLEKHA1
ARHGAP5
DSC3
ARPP19
C11orf52*
MAGI1
AGFG1
FLOT1
PDXDC1
ITGB1
DDX3Y
EEF2
VANGL1
GUK1
MYO6
CDK1
TSPAN3
OCC1*
ZDHHC8
MAP1B
PCBP1
ABI1
ACLY
OSMR
DOS*
DYRK1B
ADD3
IFNGR1
STAU2
KIDINS220
RAB34
MINK1
MPZL1
TPCN1
RAB5A
HRH1
COPS5
TUBA1B
GBF1
LDHA
RPS27L
BAIAP2
SPRED1
G6PD
TUBA1A
S100A11
PLPP2
ANXA5
TMEM192
TUBA3E
CPSF3
RIPK1
GJA1
SAV1
CHN2
MYO1E
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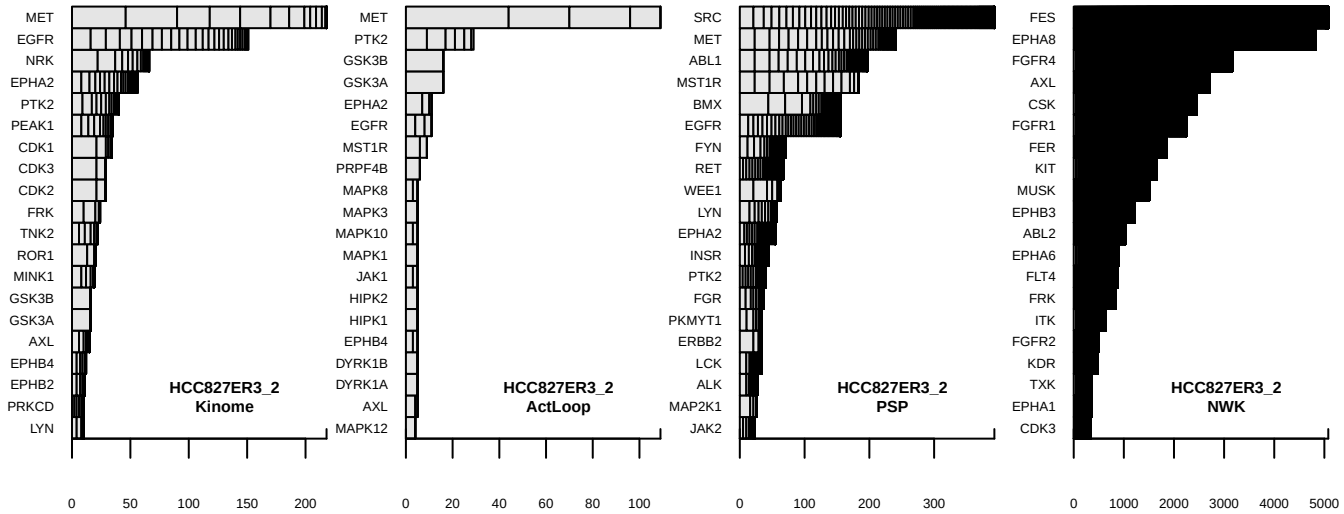
PBK
PFN1


MET
EGFR
NRK
EPHA2
PTK2
PEAK1
CDK1
CDK3
CDK2
FRK
TNK2
ROR1
MINK1
GSK3B
GSK3A
AXL
EPHB4
EPHB2
PRKCD
LYN
HCC827ER3_2
Kinome
0
50
100
150
200
MET
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EGFR
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AXL
CSK
FGFR1
FER
KIT
MUSK
EPHB3
ABL2
EPHA6
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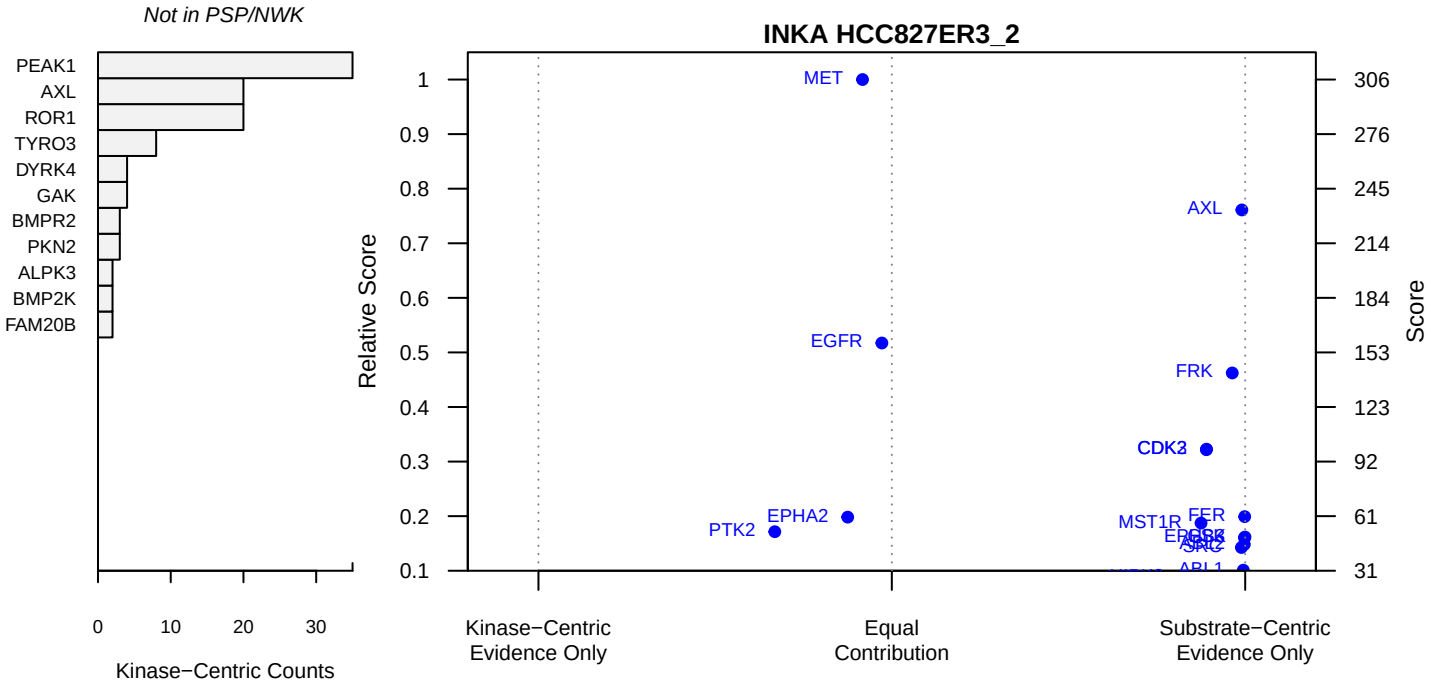
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153
123
92
61
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MET
AXL
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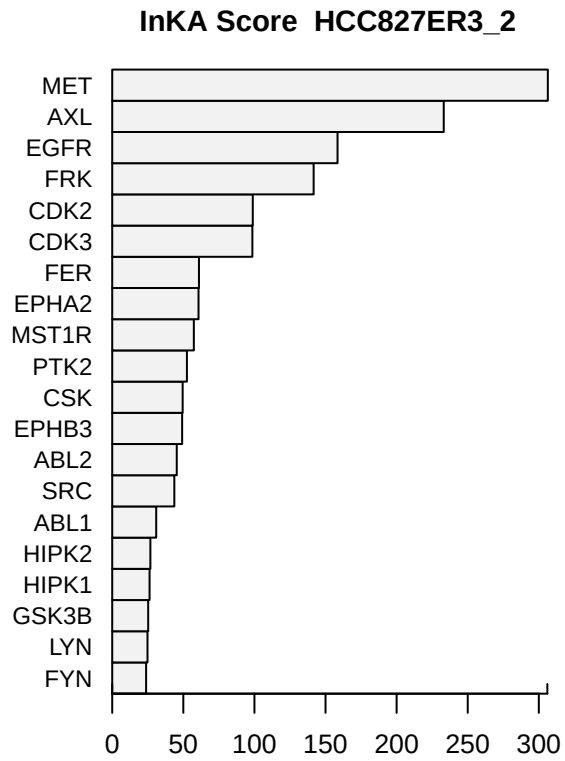
Evidence Only
Equal
Contribution
Substrate−Centric
Evidence Only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FRK
CDK2
CDK3
FER
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ABL2
SRC
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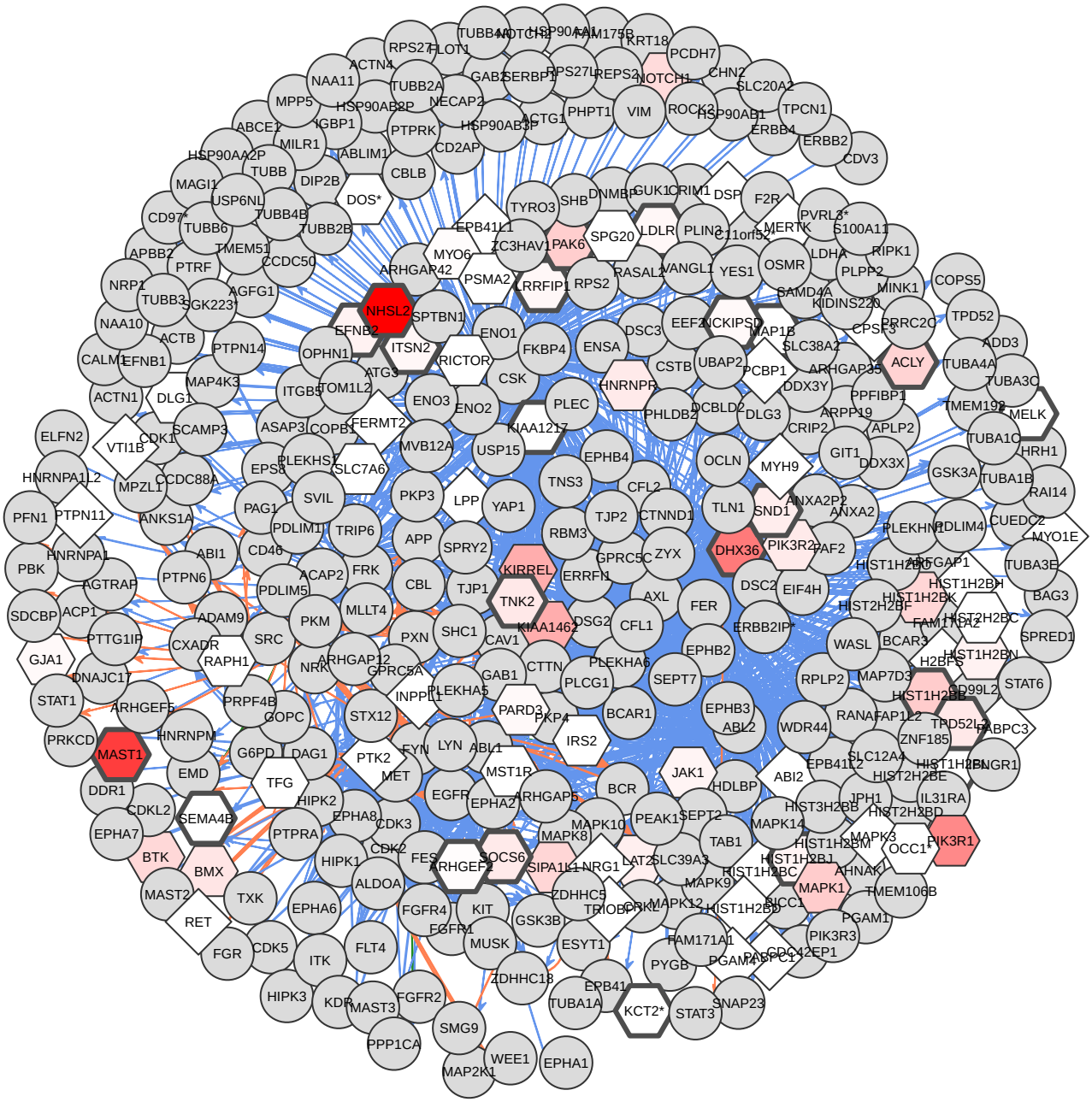
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HIST2H2BC
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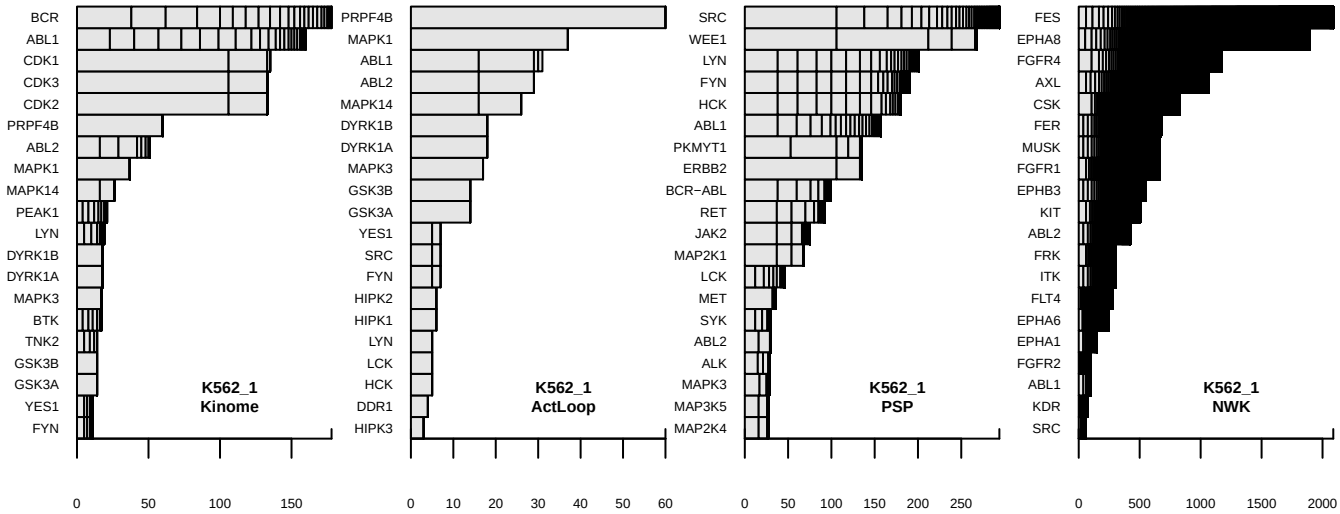
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DYRK1A
MAPK3
BTK
TNK2
GSK3B
GSK3A
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FYN
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Kinome
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FYN
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ABL1
PKMYT1
ERBB2
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RET
JAK2
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LCK
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SYK
ABL2
ALK
MAPK3
MAP3K5
MAP2K4
K562_1
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FES
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AXL
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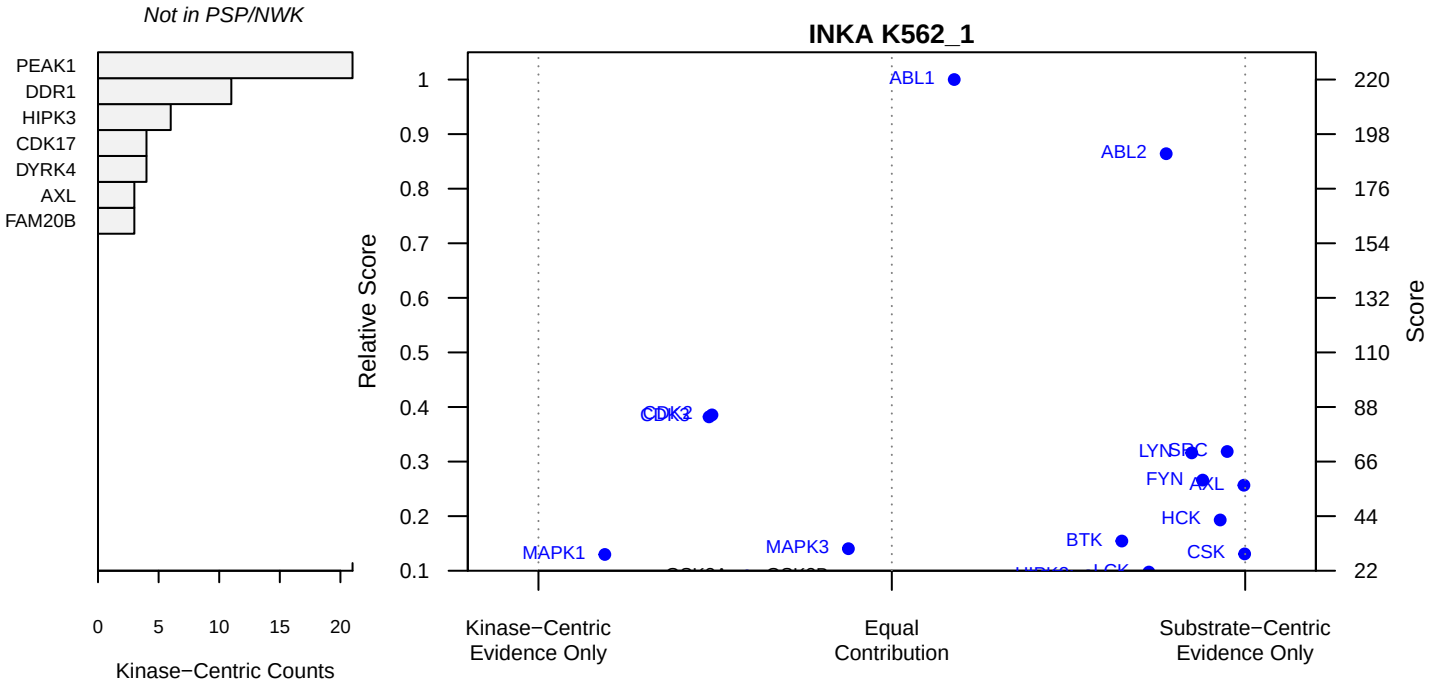
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15
20
Kinase−Centric Counts
INKA K562_1
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0.6
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0.2
0.1
Score
220
198
176
154
132
110
88
66
44
22
ABL1
ABL2
CDK2
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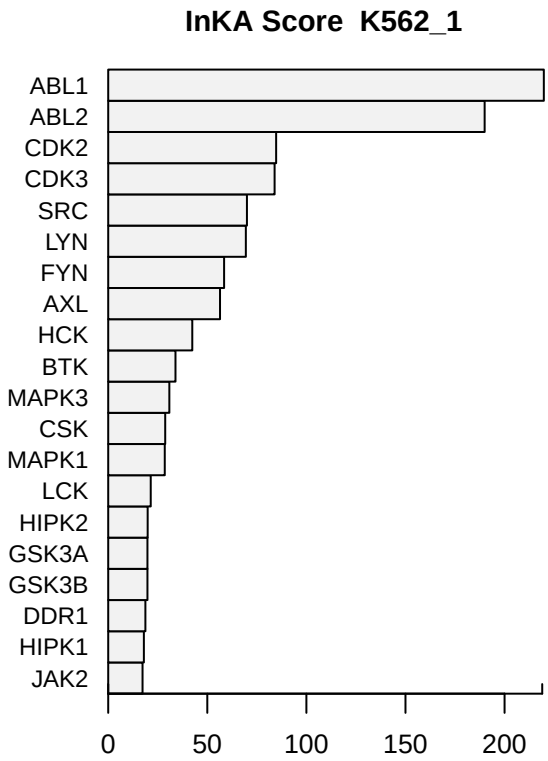
Kinase−Centric
Evidence Only
Equal
Contribution
Substrate−Centric
Evidence Only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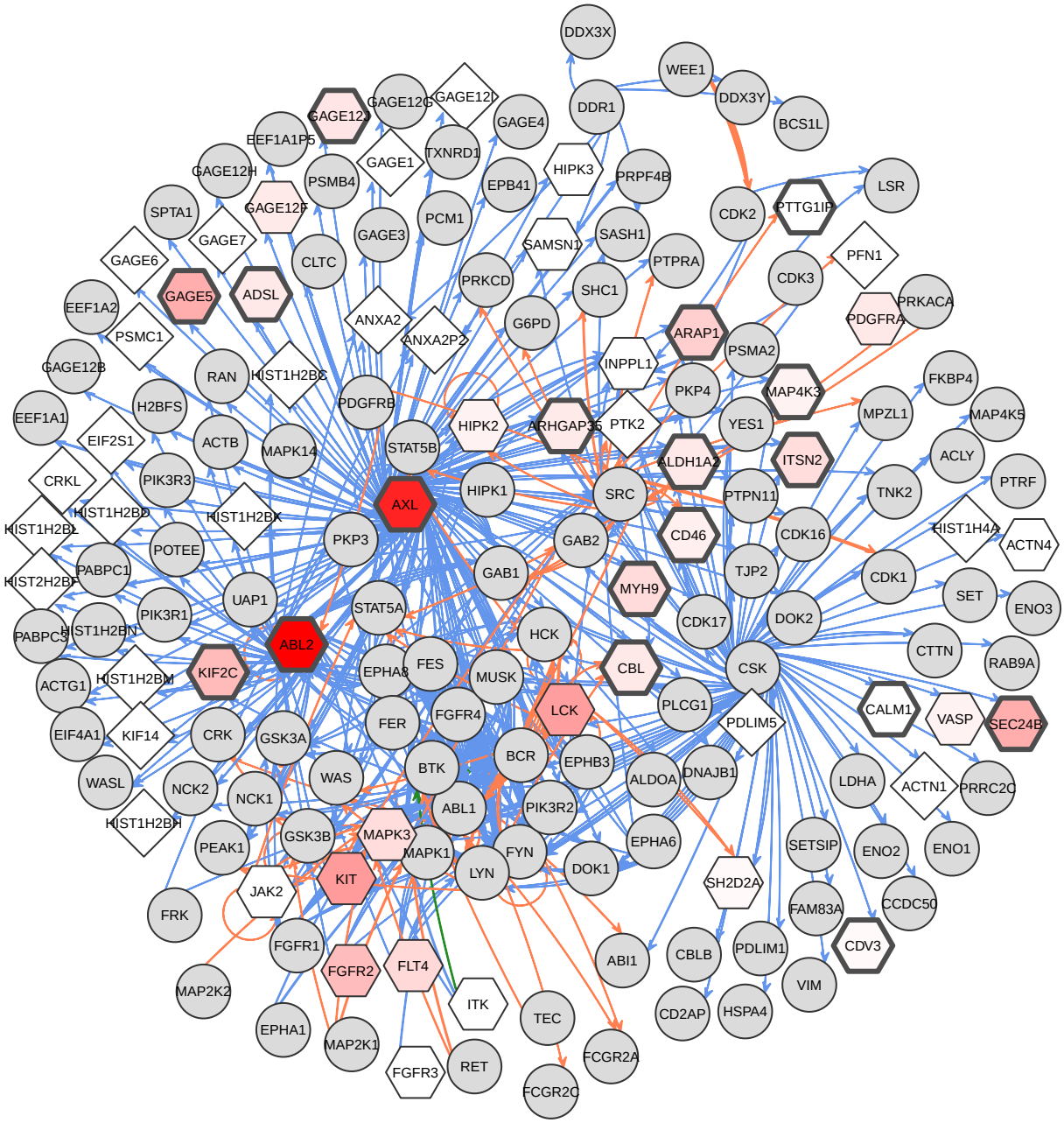
K562_1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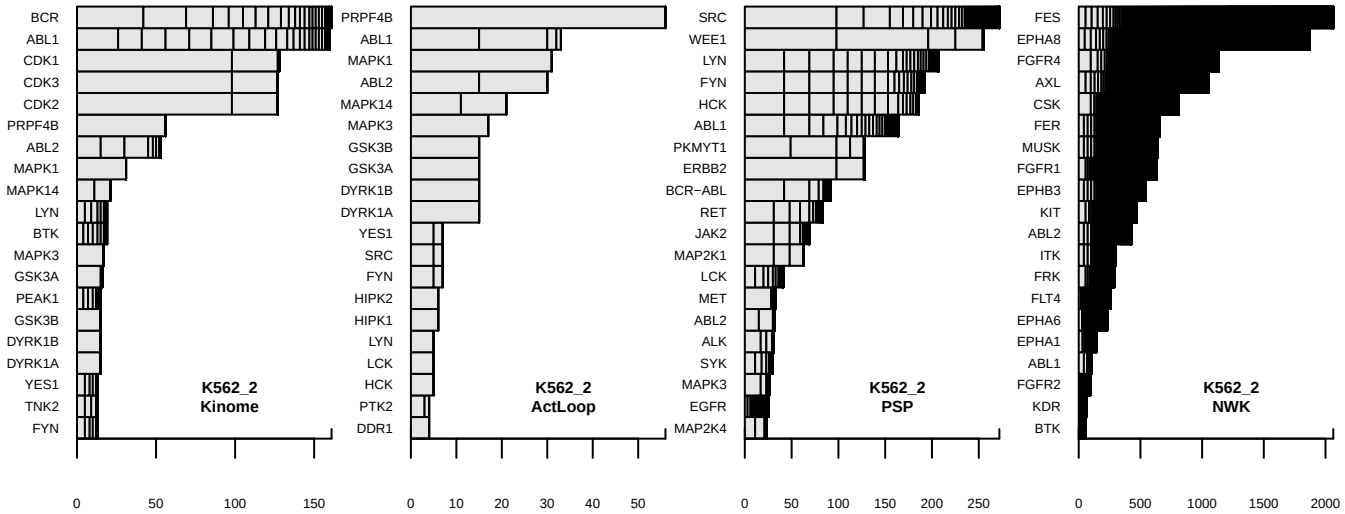
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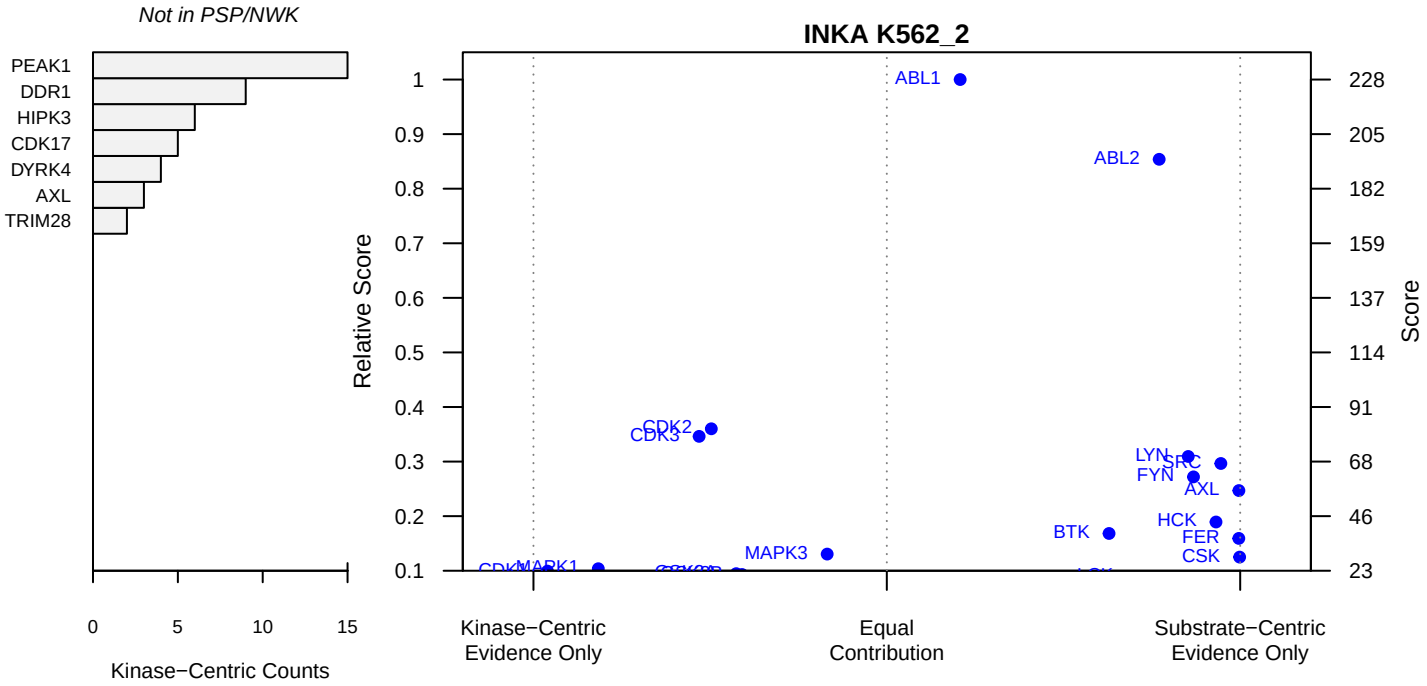
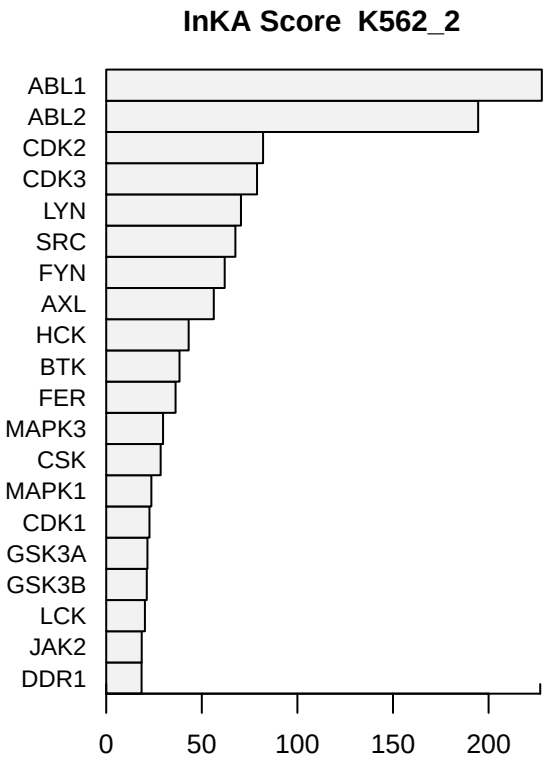
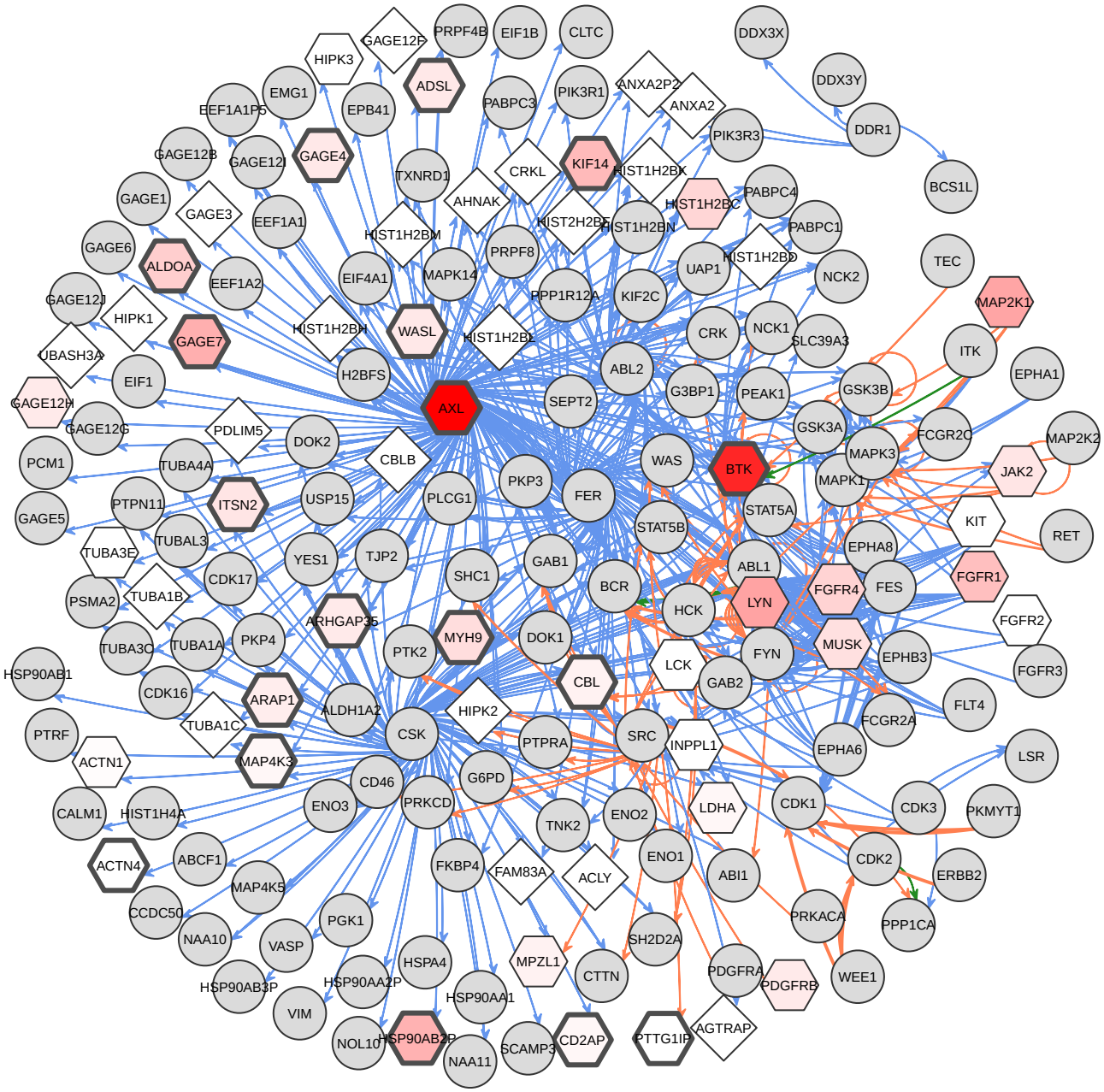
HCK
PTK2
DDR1
K562_2
ActLoop
0
10
20
30
40
50
SRC
WEE1
LYN
FYN
HCK
ABL1
PKMYT1
ERBB2
BCR−ABL
RET
JAK2
MAP2K1
LCK
MET
ABL2
ALK
SYK
MAPK3
EGFR
MAP2K4
K562_2
PSP
0
50
100
150
200
250
FES
EPHA8
FGFR4
AXL
CSK
FER
MUSK
FGFR1
EPHB3
KIT
ABL2
ITK
FRK
FLT4
EPHA6
EPHA1
ABL1
FGFR2
KDR
BTK
K562_2
NWK
0
500
1000
1500
2000


Not in PSP/NWK
PEAK1
DDR1
HIPK3
CDK17
DYRK4
AXL
TRIM28
0
5
10
15
Kinase−Centric Counts
INKA K562_2
Relative Score
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
ABL1
ABL2
CDK2
CDK3
MAPK3
LYN
SRC
FYN
AXL
HCK
BTK
FER
CSK
228
205
182
159
137
114
91
68
46
23
Score
Kinase−Centric
Evidence Only
Equal
Contribution
Substrate−Centric
Evidence Only


InKA Score K562_2
ABL1
ABL2
CDK2
CDK3
LYN
SRC
FYN
AXL
HCK
BTK
FER
MAPK3
CSK
MAPK1
CDK1
GSK3A
GSK3B
LCK
JAK2
DDR1
0
50
100
150
200

K562_2


PRPF4B
EIF1B
CLTC
DDX3X
GAGE12F
HIPK3
ADSL
DDX3Y
EMG1
EPB41
PABPC3
PIK3R1
ANXA2P2
ANXA2
EEF1A1P5
PIK3R3
DDR1
GAGE12B
GAGE12I
GAGE4
TXNRD1
CRKL
KIF14
HIST1H2BK
BCS1L
GAGE1
GAGE3
EEF1A1
AHNAK
HIST1H2BC
PABPC4
HIST1H2BM
HIST2H2BE
HIST1H2BN
PABPC1
GAGE6
ALDOA
PRPF8
HIST1H2BD
TEC
EEF1A2
EIF4A1
MAPK14
UAP1
NCK2
GAGE12J
PPP1R12A
KIF2C
MAP2K1
HIPK1
CRK
NCK1
ITK
HIST1H2BH
WASL
HIST1H2BL
SLC39A3
UBASH3A
GAGE7
ABL2
EPHA1
EIF1
H2BFS
G3BP1
PEAK1
GSK3B
GAGE12H
AXL
SEPT2
GSK3A
FCGR2C
GAGE12G
PDLIM5
DOK2
CBLB
WAS
BTK
MAPK3
MAP2K2
PCM1
TUBA4A
PKP3
FER
MAPK1
JAK2
ITSN2
USP15
PLCG1
STAT5A
KIT
PTPN11
GAGE5
STAT5B
RET
TUBAL3
EPHA8
TUBA3E
YES1
TJP2
GAB1
ABL1
CDK17
SHC1
BCR
FGFR4
FES
FGFR1
PSMA2
TUBA1B
HCK
LYN
ARHGAP35
MYH9
FGFR2
TUBA3C
TUBA1A
PKP4
PTK2
DOK1
MUSK
FYN
EPHB3
HSP90AB1
LCK
FGFR3
CDK16
CBL
GAB2
ARAP1
ALDH1A2
HIPK2
FLT4
TUBA1C
CSK
PTPRA
SRC
INPPL1
FCGR2A
PTRF
EPHA6
LSR
ACTN1
MAP4K3
CD46
G6PD
CDK1
CDK3
CALM1
HIST1H4A
ENO3
PRKCD
TNK2
ENO2
LDHA
PKMYT1
ACTN4
ABCF1
FKBP4
FAM83A
ACLY
ENO1
ABI1
CDK2
ERBB2
MAP4K5
CCDC50
PRKACA
PPP1CA
PGK1
NAA10
VASP
SH2D2A
HSPA4
MPZL1
PDGFRA
WEE1
HSP90AB3P
HSP90AA2P
CTTN
PDGFRB
VIM
HSP90AA1
NOL10
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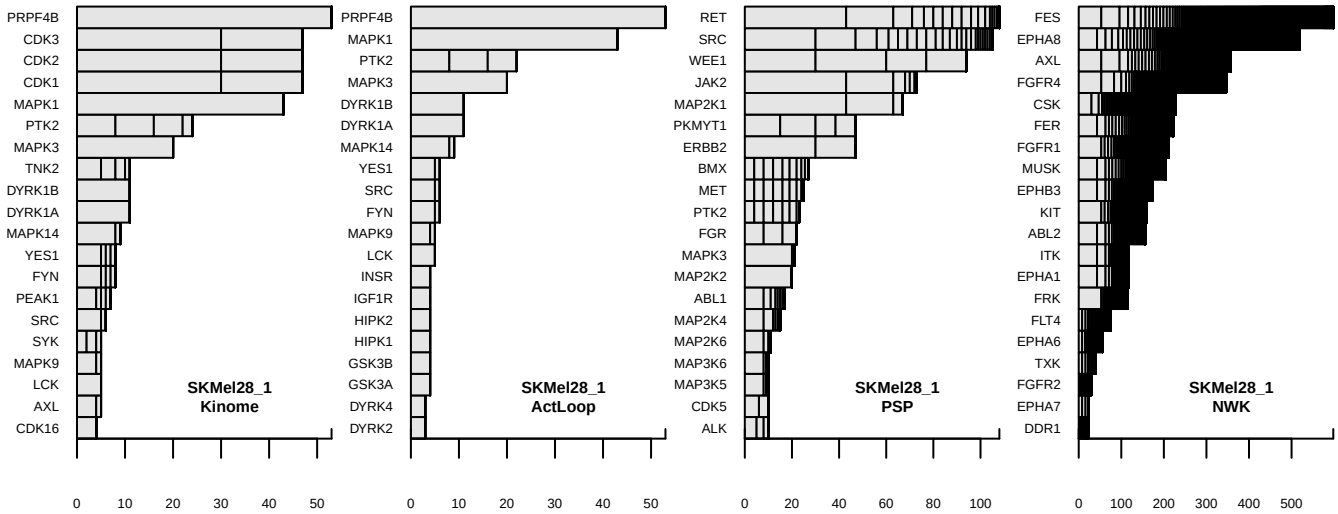
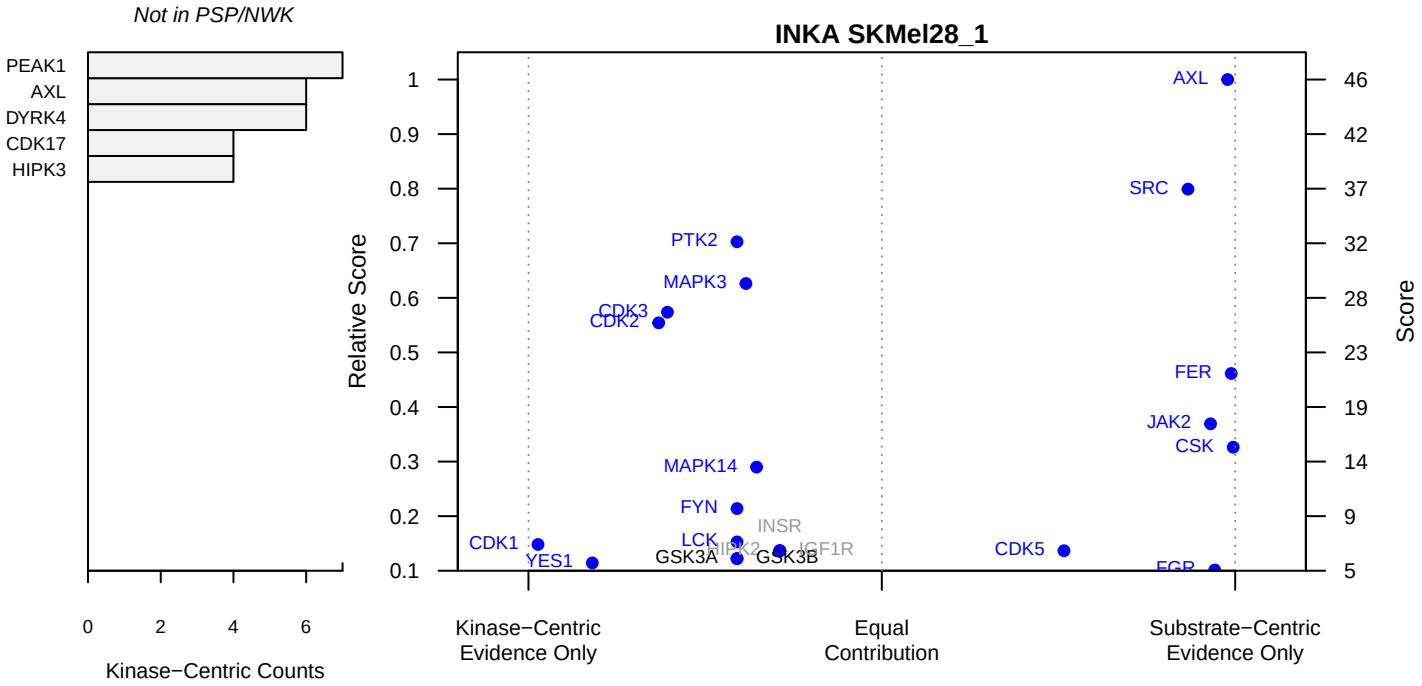
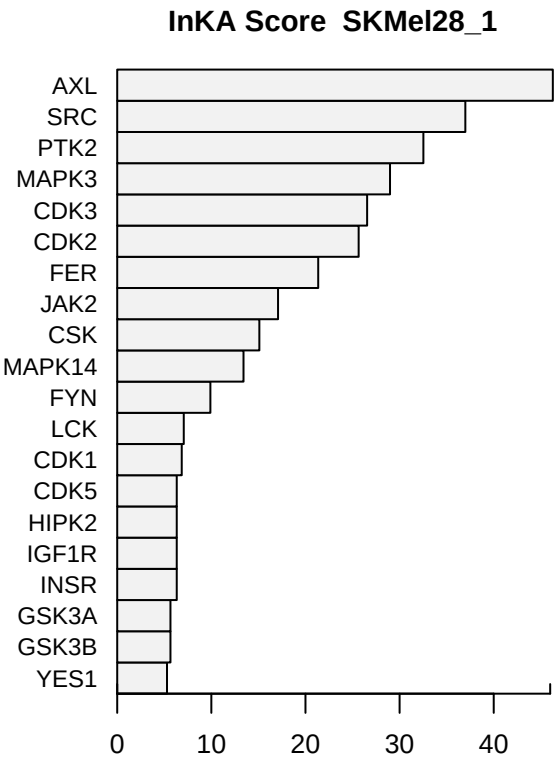
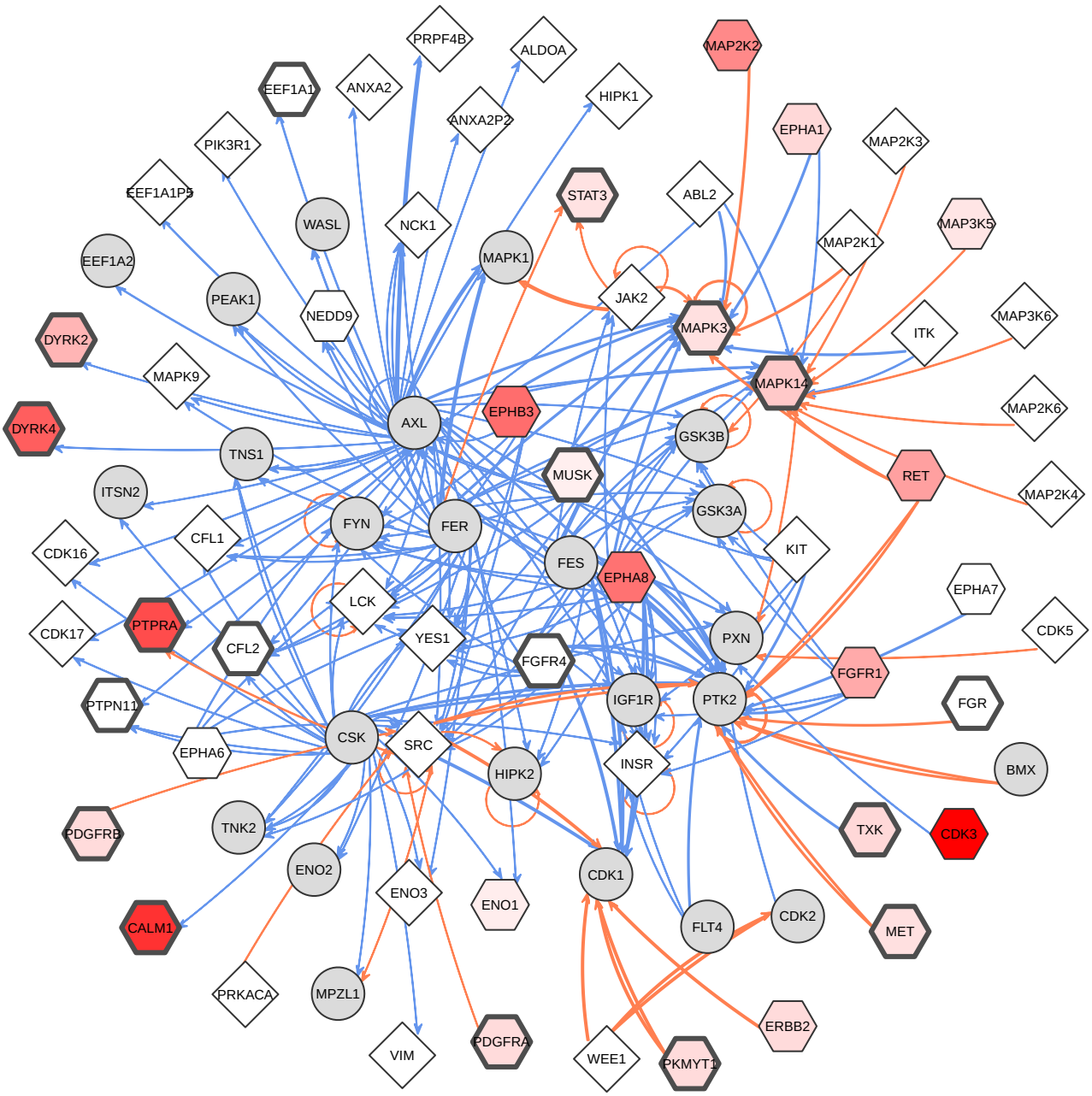
CD2AP
PTTG1IP
AGTRAP
NAA11
SCAMP3

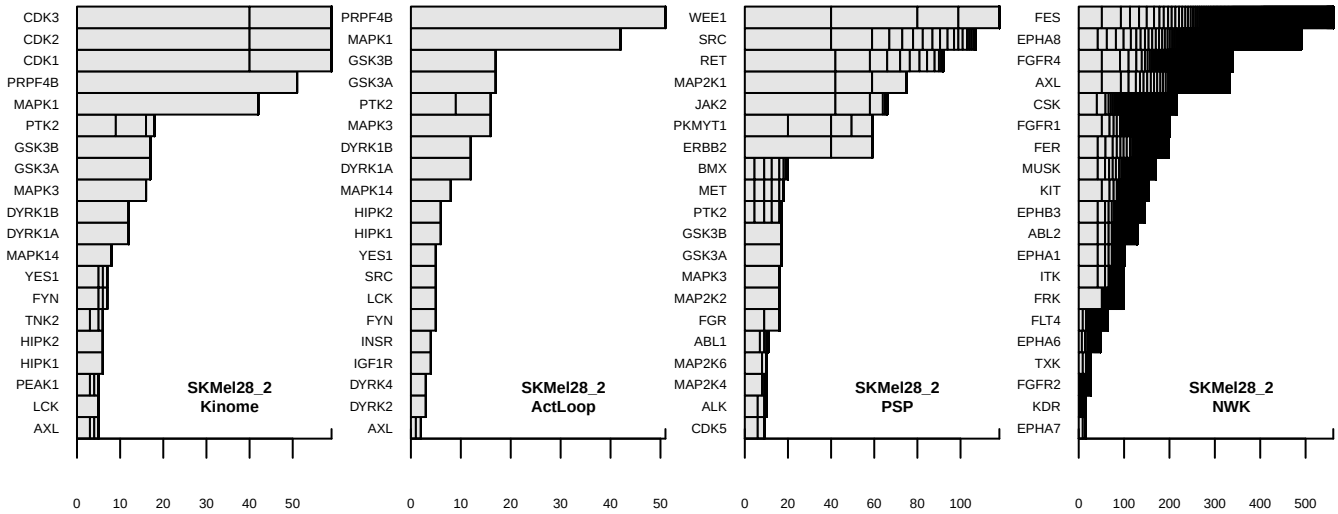

PRPF4B
CDK3
CDK2
CDK1
MAPK1
PTK2
MAPK3
TNK2
DYRK1B
DYRK1A
MAPK14
YES1
FYN
PEAK1
SRC
SYK
MAPK9
LCK
AXL
CDK16
SKMel28_1
Kinome
0 10 20 30 40 50
PRPF4B
MAPK1
PTK2
MAPK3
DYRK1B
DYRK1A
MAPK14
YES1
SRC
FYN
MAPK9
LCK
INSR
IGF1R
HIPK2
HIPK1
GSK3B
GSK3A
DYRK4
DYRK2
SKMel28_1
ActLoop
0 10 20 30 40 50
RET
SRC
WEE1
JAK2
MAP2K1
PKMYT1
ERBB2
BMX
MET
PTK2
FGR
MAPK3
MAP2K2
ABL1
MAP2K4
MAP2K6
MAP3K6
MAP3K5
CDK5
ALK
SKMel28_1
PSP
0 20 40 60 80 100
FES
EPHA8
AXL
FGFR4
CSK
FER
FGFR1
MUSK
EPHB3
KIT
ABL2
ITK
EPHA1
FRK
FLT4
EPHA6
TXK
FGFR2
EPHA7
DDR1
SKMel28_1
NWK
0 100 200 300 400 500

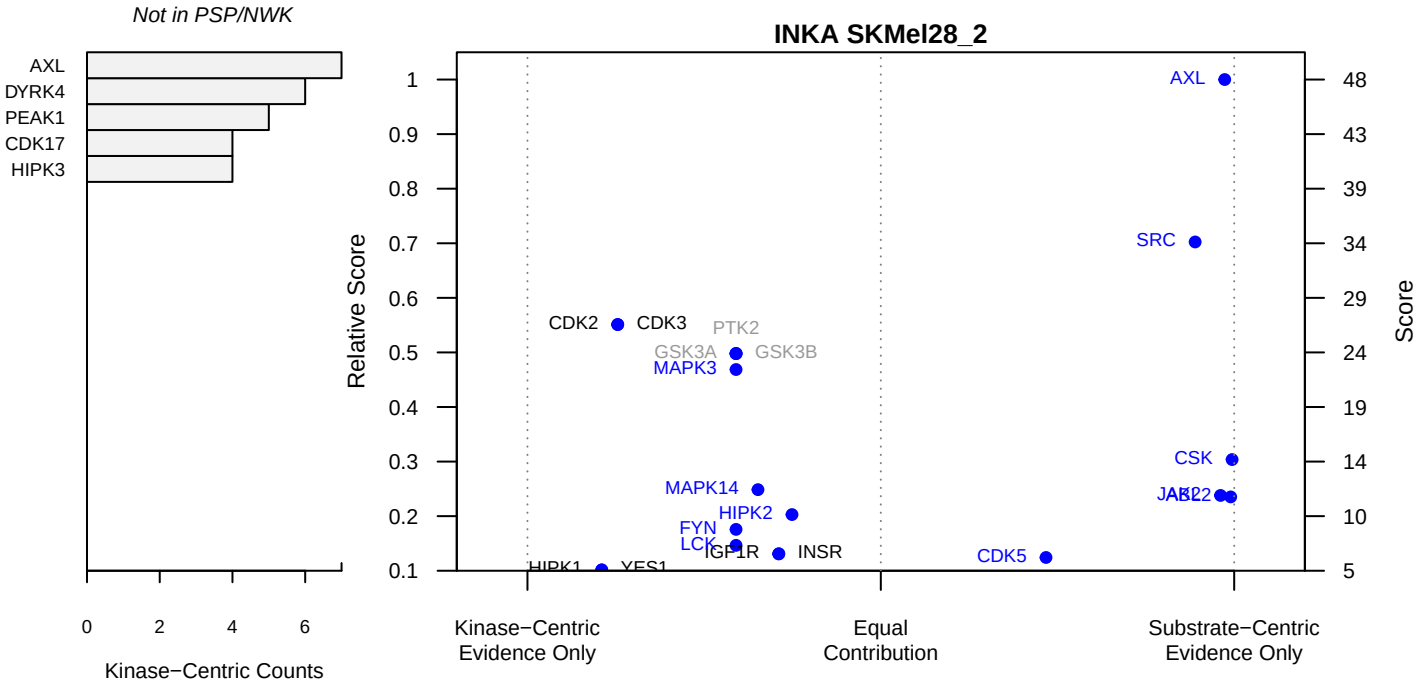

Not in PSP/NWK
PEAK1
AXL
DYRK4
CDK17
HIPK3
0 2 4 6
Kinase−Centric Counts
INKA SKMel28_1
Relative Score
Score
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
46
42
37
32
28
23
19
14
9
5
AXL
SRC
PTK2
MAPK3
CDK3
CDK2
FER
JAK2
CSK
MAPK14
FYN
INSR
LCK
IRK2
IGF1R
CDK1
YES1
GSK3A
GSK3B
CDK5
FGR
Kinase−Centric
Evidence Only
Equal
Contribution
Substrate−Centric
Evidence Only

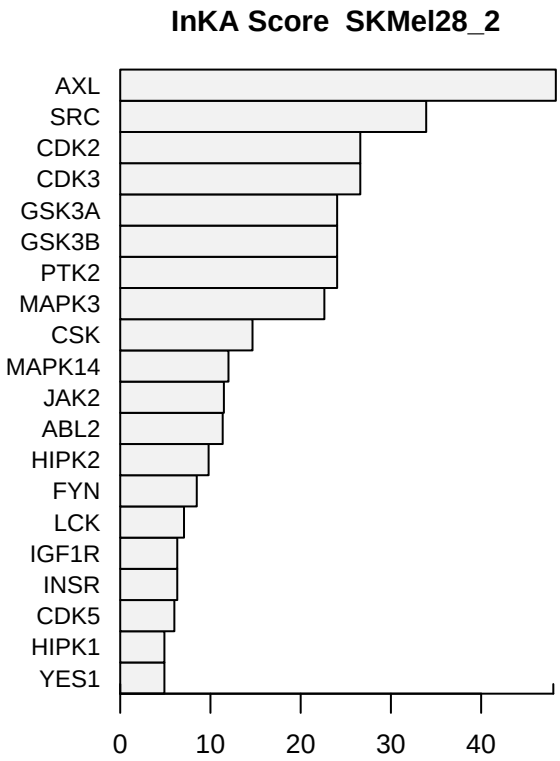

InKA Score SKMel28_1
AXL
SRC
PTK2
MAPK3
CDK3
CDK2
FER
JAK2
CSK
MAPK14
FYN
LCK
CDK1
CDK5
HIPK2
IGF1R
INSR
GSK3A
GSK3B
YES1
0 10 20 30 40

SKMel28_1

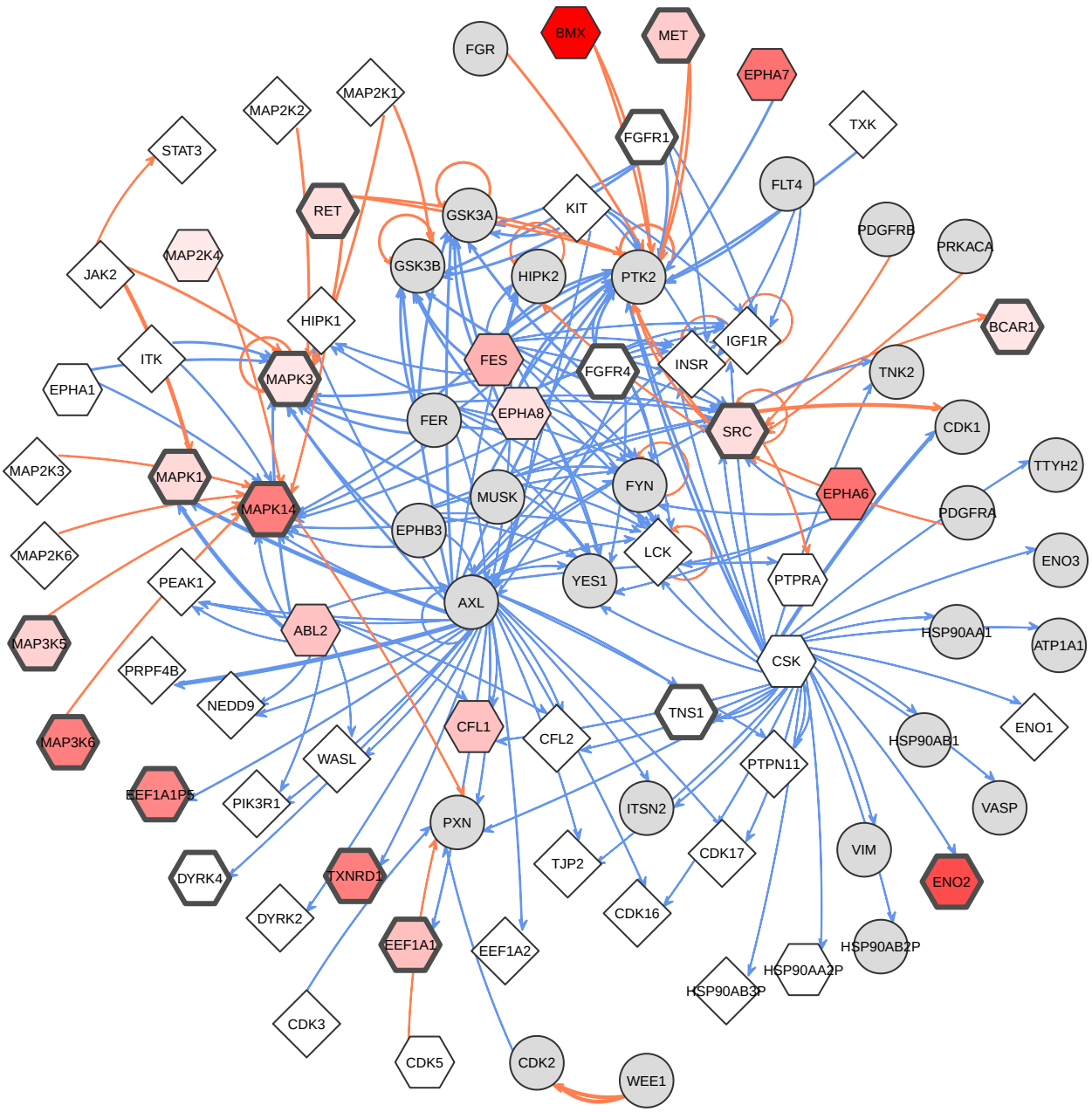

PRPF4B
ALDOA
MAP2K2
EEF1A1
ANXA2
HIPK1
ANXA2P2
EPHA1
MAP2K3
PIK3R1
STAT3
ABL2
EEF1A1P5
WASL
NCK1
MAP3K5
MAP2K1
MAPK1
EEF1A2
JAK2
PEAK1
NEDD9
MAPK3
ITK
MAP3K6
DYRK2
MAPK9
MAPK14
MAP2K6
DYRK4
AXL
EPHB3
GSK3B
TNS1
MUSK
RET
ITSN2
MAP2K4
FYN
FER
GSK3A
CFL1
KIT
CDK16
FES
EPHA8
EPHA7
LCK
CDK17
PTPRA
PXN
CDK5
CFL2
YES1
FGFR4
FGFR1
PTPN11
IGF1R
PTK2
FGR
CSK
SRC
EPHA6
INSR
BMX
HIPK2
PDGFRB
TNK2
TXK
CDK3
ENO2
CDK1
ENO3
ENO1
CALM1
FLT4
CDK2
MET
PRKACA
MPZL1
ERBB2
VIM
PDGFRA
WEE1
PKMYT1


CDK3
CDK2
CDK1
PRPF4B
MAPK1
PTK2
GSK3B
GSK3A
MAPK3
DYRK1B
DYRK1A
MAPK14
YES1
FYN
TNK2
HIPK2
HIPK1
PEAK1
LCK
AXL
SKMel28_2
Kinome
0 10 20 30 40 50
PRPF4B
MAPK1
GSK3B
GSK3A
PTK2
MAPK3
DYRK1B
DYRK1A
MAPK14
HIPK2
HIPK1
YES1
SRC
LCK
FYN
INSR
IGF1R
DYRK4
DYRK2
AXL
SKMel28_2
ActLoop
0 10 20 30 40 50
WEE1
SRC
RET
MAP2K1
JAK2
PKMYT1
ERBB2
BMX
MET
PTK2
GSK3B
GSK3A
MAPK3
MAP2K2
FGR
ABL1
MAP2K6
MAP2K4
ALK
CDK5
SKMel28_2
PSP
0 20 40 60 80 100
FES
EPHA8
FGFR4
AXL
CSK
FGFR1
FER
MUSK
KIT
EPHB3
ABL2
EPHA1
ITK
FRK
FLT4
EPHA6
TXK
FGFR2
KDR
EPHA7
SKMel28_2
NWK
0 100 200 300 400 500


Not in PSP/NWK
AXL
DYRK4
PEAK1
CDK17
HIPK3
0 2 4 6
Kinase−Centric Counts
INKA SKMel28_2
Relative Score
Score
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
48
43
39
34
29
24
19
14
10
5
AXL
SRC
CDK2
CDK3
PTK2
GSK3A
GSK3B
MAPK3
MAPK14
HIPK2
FYN
LCK
IGF1R
INSR
CDK5
CSK
Kinase−Centric
Evidence Only
Equal
Contribution
Substrate−Centric
Evidence Only


InKA Score SKMel28_2
AXL
SRC
CDK2
CDK3
GSK3A
GSK3B
PTK2
MAPK3
CSK
MAPK14
JAK2
ABL2
HIPK2
FYN
LCK
IGF1R
INSR
CDK5
HIPK1
YES1
0 10 20 30 40

SKMel28_2


BMX
MET
FGR
EPHA7
MAP2K2
MAP2K1
FGFR1
TXK
STAT3
FLT4
RET
GSK3A
KIT
PDGFRB
PRKACA
MAP2K4
JAK2
GSK3B
HIPK2
PTK2
BCAR1
HIPK1
IGF1R
ITK
FES
INSR
TNK2
MAPK3
FGFR4
EPHA1
FER
EPHA8
SRC
CDK1
MAP2K3
TTYH2
MAPK1
MUSK
FYN
EPHA6
MAPK14
PDGFRA
EPHB3
MAP2K6
LCK
ENO3
PEAK1
YES1
PTPRA
AXL
HSP90AA1
MAP3K5
ABL2
ATP1A1
CSK
PRPF4B
NEDD9
TNS1
ENO1
CFL1
CFL2
HSP90AB1
MAP3K6
PTPN11
WASL
EEF1A1P5
PIK3R1
ITSN2
VASP
PXN
VIM
DYRK4
TXNRD1
TJP2
CDK17
ENO2
DYRK2
CDK16
EEF1A1
EEF1A2
HSP90AB2P
HSP90AA2P
HSP90AB3P
CDK3
CDK5
CDK2
WEE1