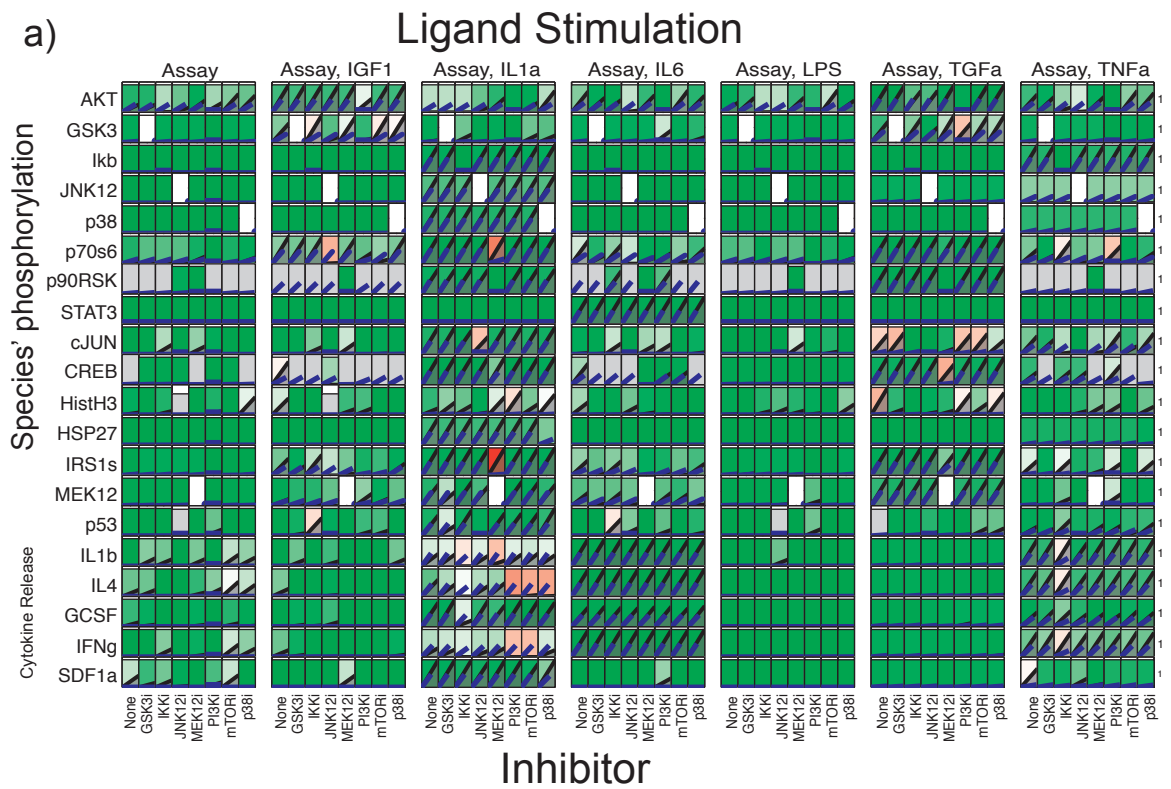
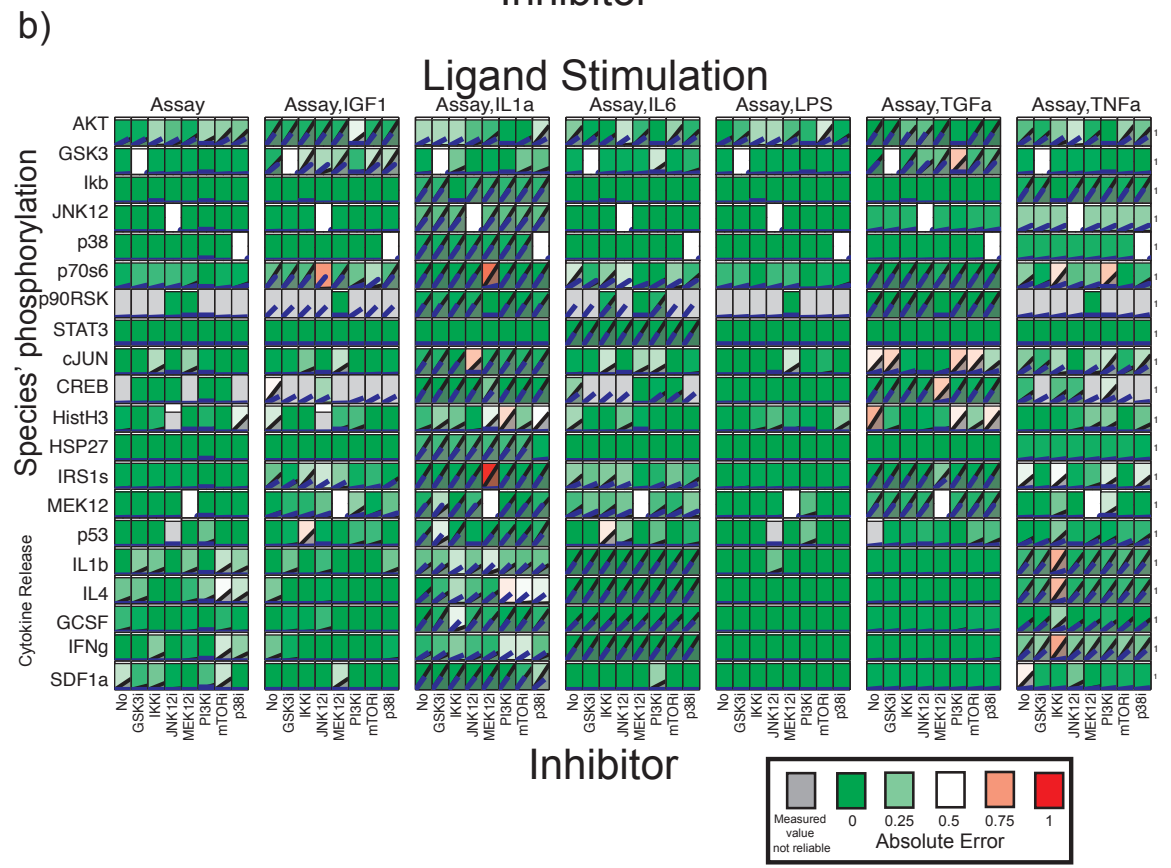

a)
Ligand Stimulation
Assay
Assay, IGF1
Assay, IL1a
Assay, IL6
Assay, LPS
Assay, TGFa
Assay, TNFa
Species' phosphorylation
AKT
GSK3
Ikb
JNK12
p38
p70s6
p90RSK
STAT3
cJUN
CREB
HistH3
HSP27
IRS1s
MEK12
p53
Cytokine Release
IL1b
IL4
GCSF
IFNg
SDF1a
None
GSK3i
IKKi
JNK12i
MEK12i
PI3Ki
mTORi
p38i
Inhibitor


b)
Ligand Stimulation
Assay
Assay,IGF1
Assay,IL1a
Assay,IL6
Assay,LPS
Assay,TGFa
Assay,TNFa
Species' phosphorylation
AKT
GSK3
Ikb
JNK12
p38
p70s6
p90RSK
STAT3
cJUN
CREB
HistH3
HSP27
IRS1s
MEK12
p53
Cytokine Release
IL1b
IL4
GCSF
IFNg
SDF1a
No
GSK3i
IKKi
JNK12i
MEK12i
PI3Ki
mTORi
p38i
Inhibitor
Measured value not reliable
0
0.25
0.5
0.75
1
Absolute Error