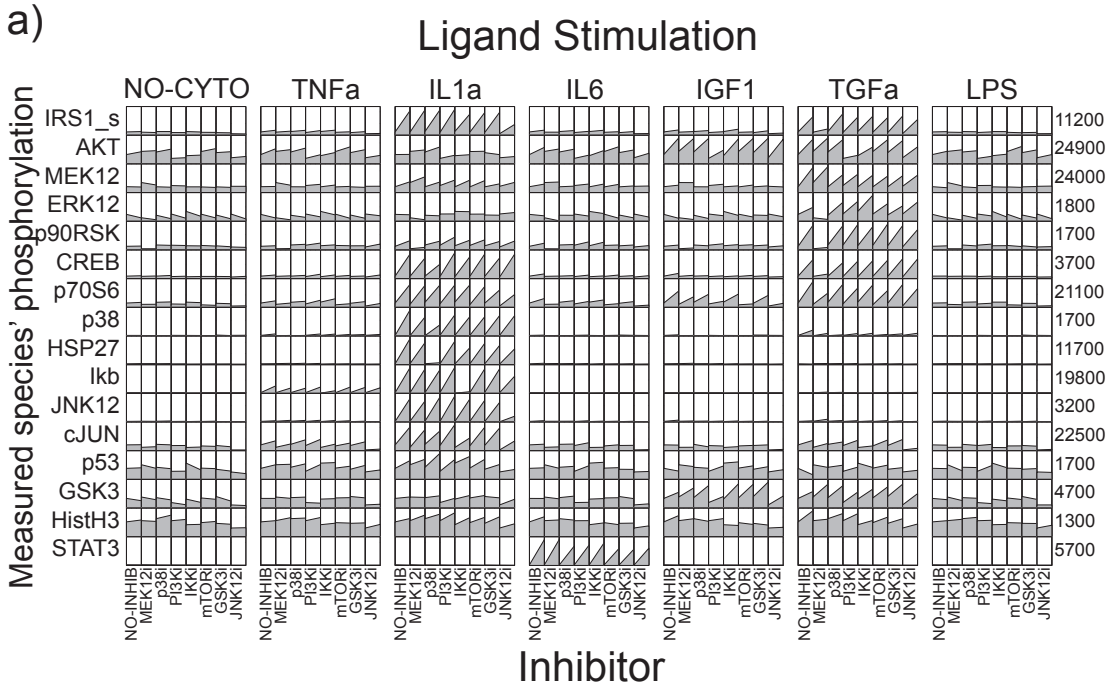
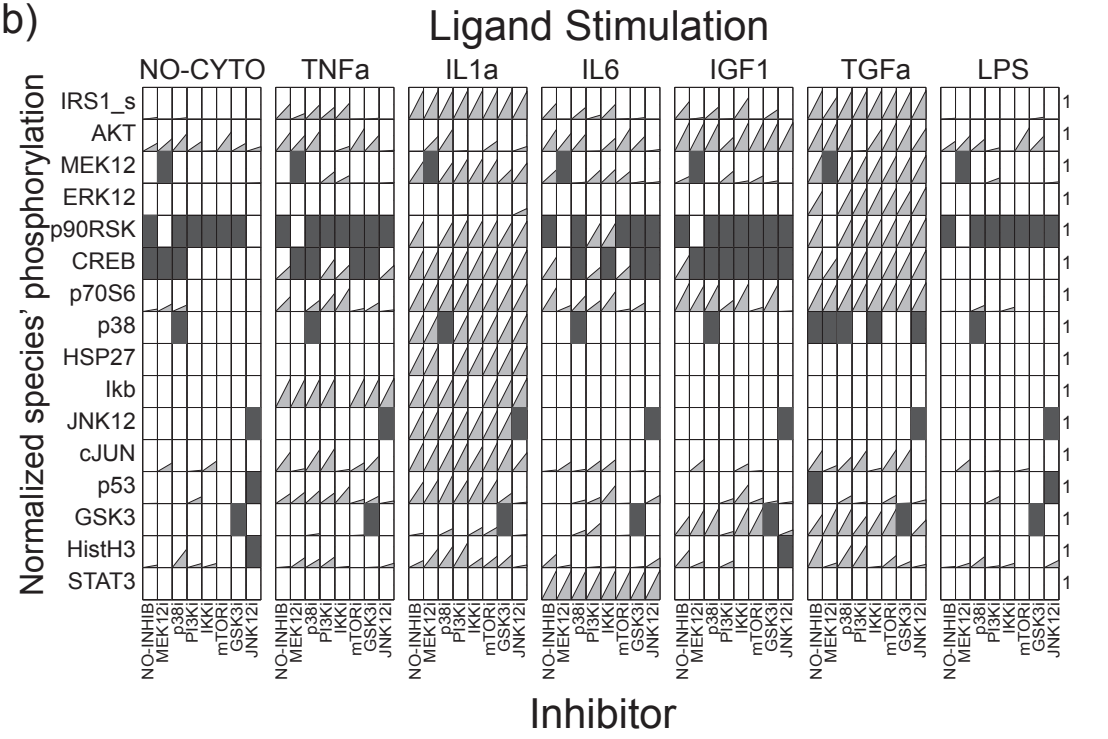

a)
Ligand Stimulation
NO-CYTO
TNFa
IL1a
IL6
IGF1
TGFa
LPS
Measured species' phosphorylation
IRS1_s
AKT
MEK12
ERK12
p90RSK
CREB
p70S6
p38
HSP27
Ikb
JNK12
cJUN
p53
GSK3
HistH3
STAT3
11200
24900
24000
1800
1700
3700
21100
1700
11700
19800
3200
22500
1700
4700
1300
5700
NO-INHIB
MEK12i
p38i
PI3Ki
IKKi
mTORi
GSK3i
JNK12i
Inhibitor


b)
Ligand Stimulation
NO-CYTO
TNFa
IL1a
IL6
IGF1
TGFa
LPS
Normalized species' phosphorylation
IRS1_s
AKT
MEK12
ERK12
p90RSK
CREB
p70S6
p38
HSP27
Ikb
JNK12
cJUN
p53
GSK3
HistH3
STAT3
1
NO-INHIB
MEK12i
p38i
PI3Ki
IKKi
mTORi
GSK3i
JNK12i
Inhibitor