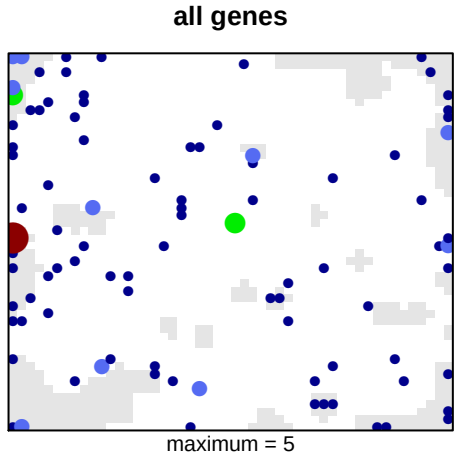
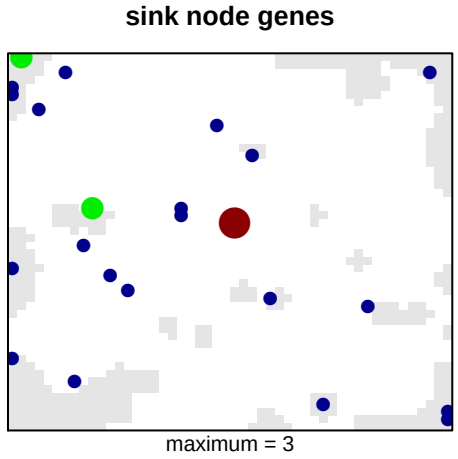
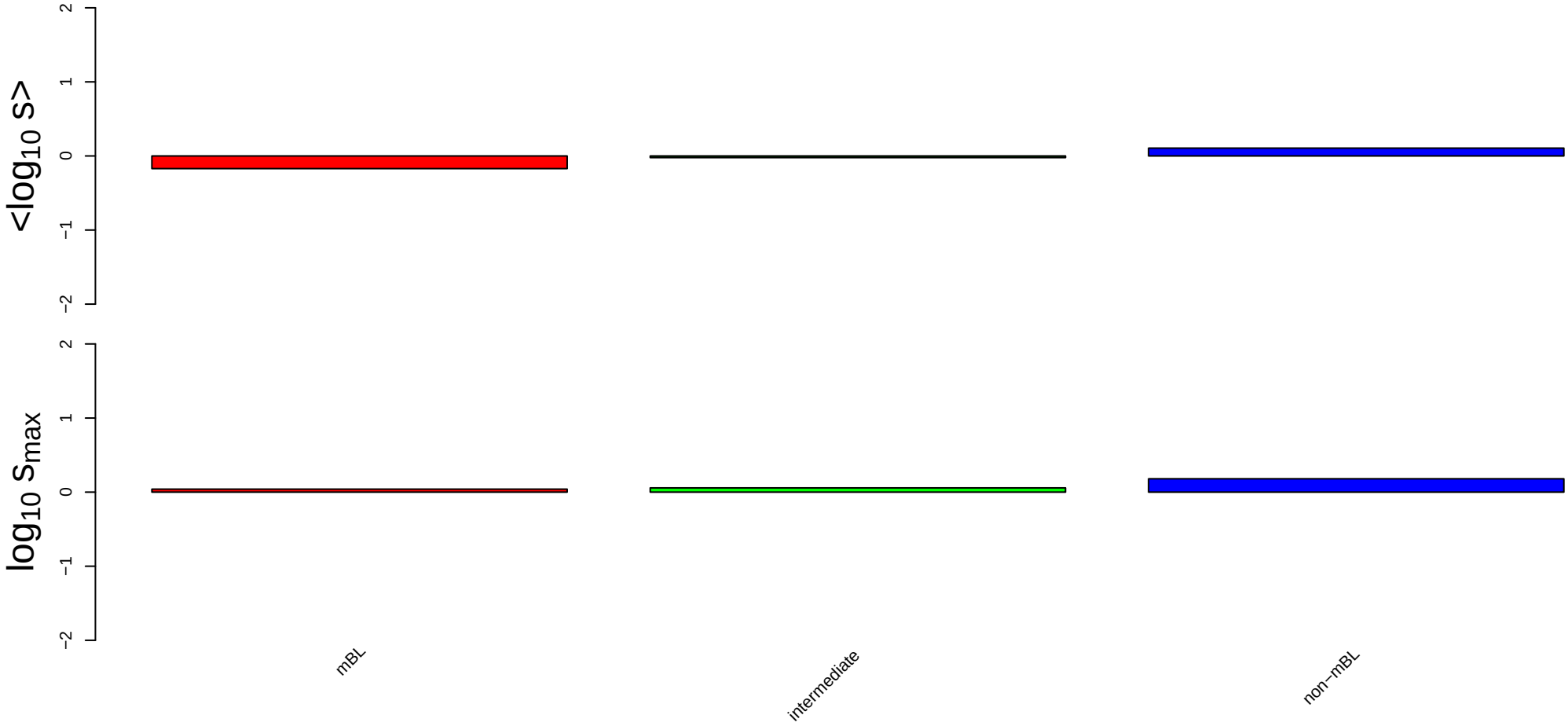
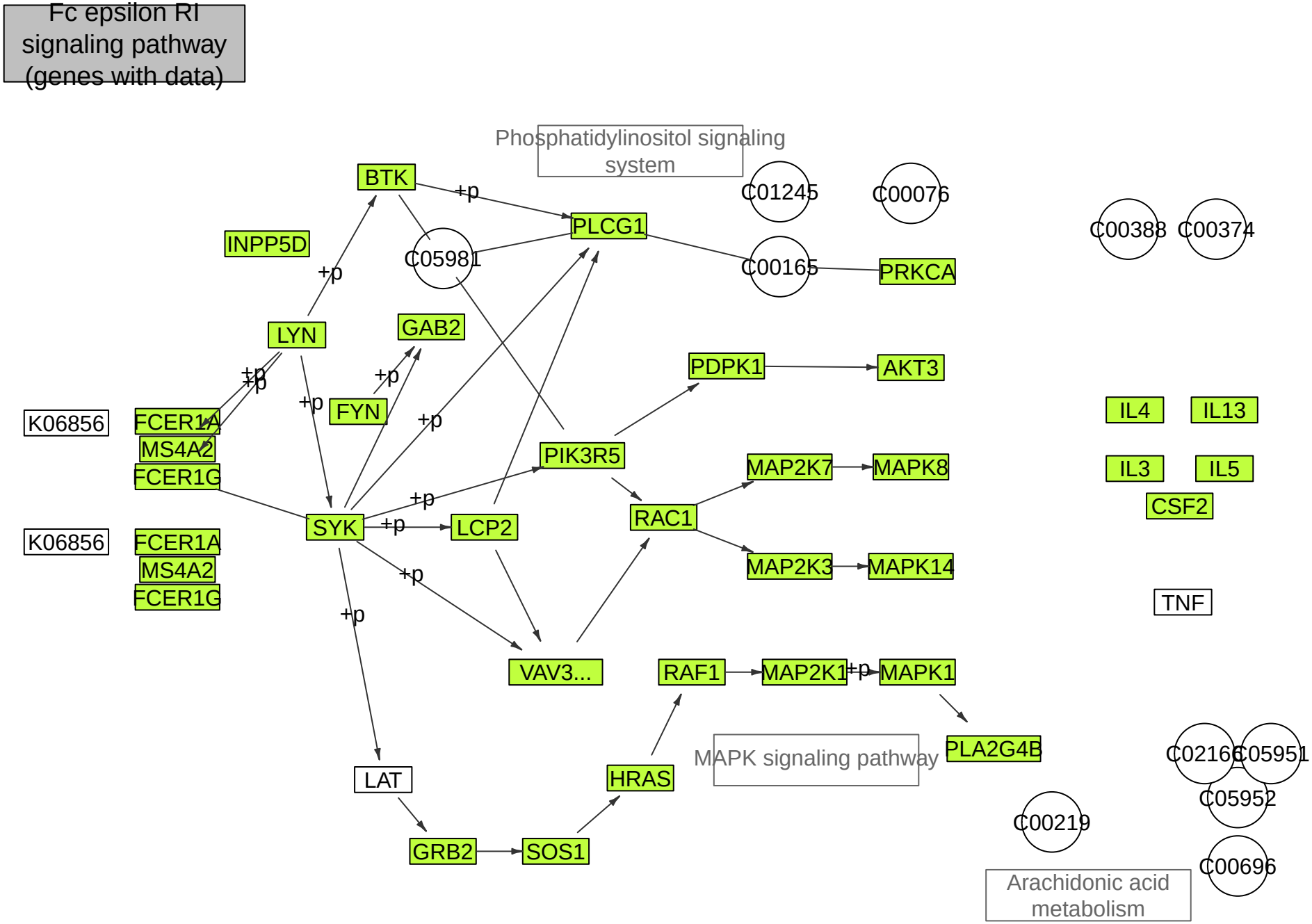
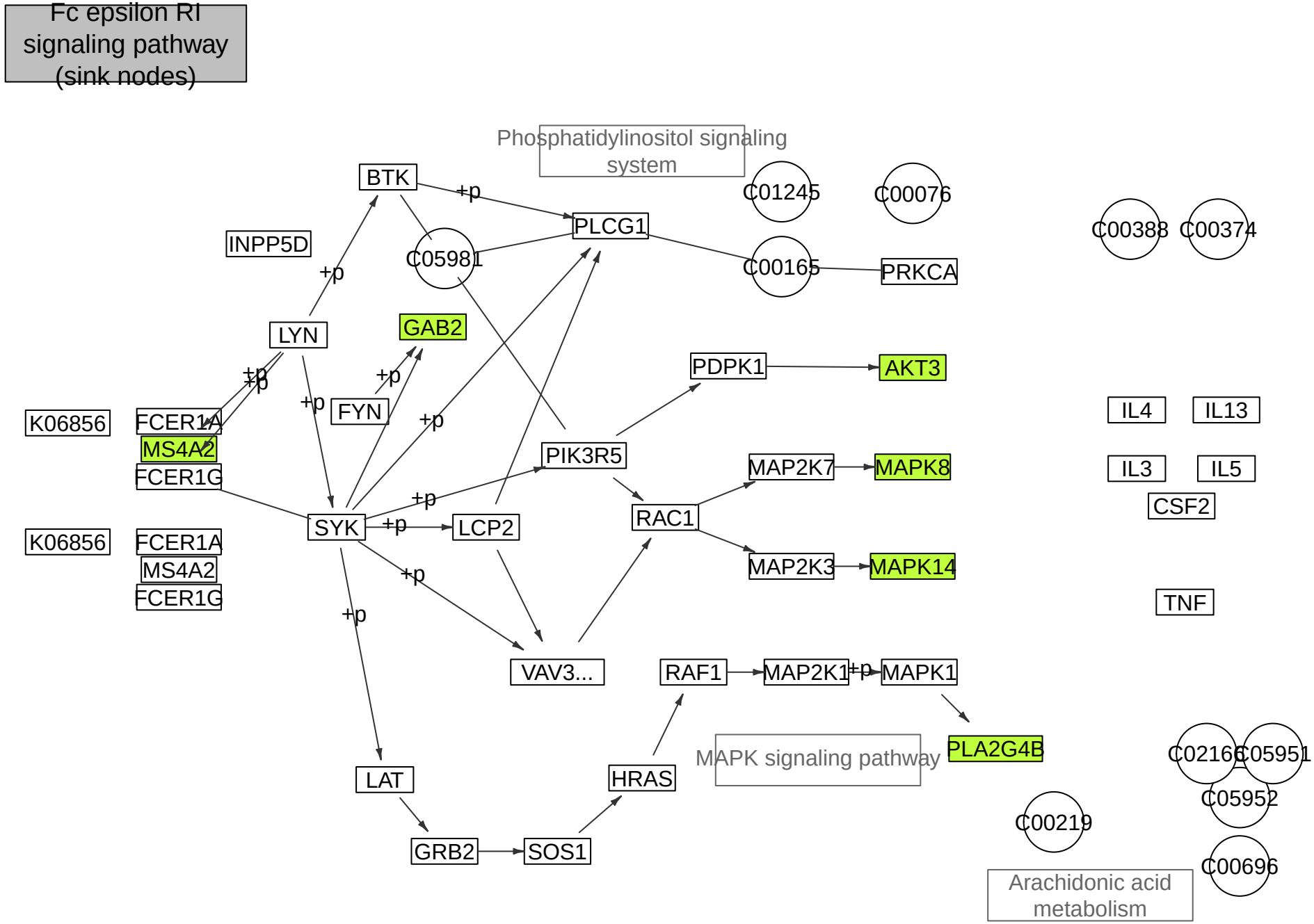
Fc epsilon RI signaling pathway

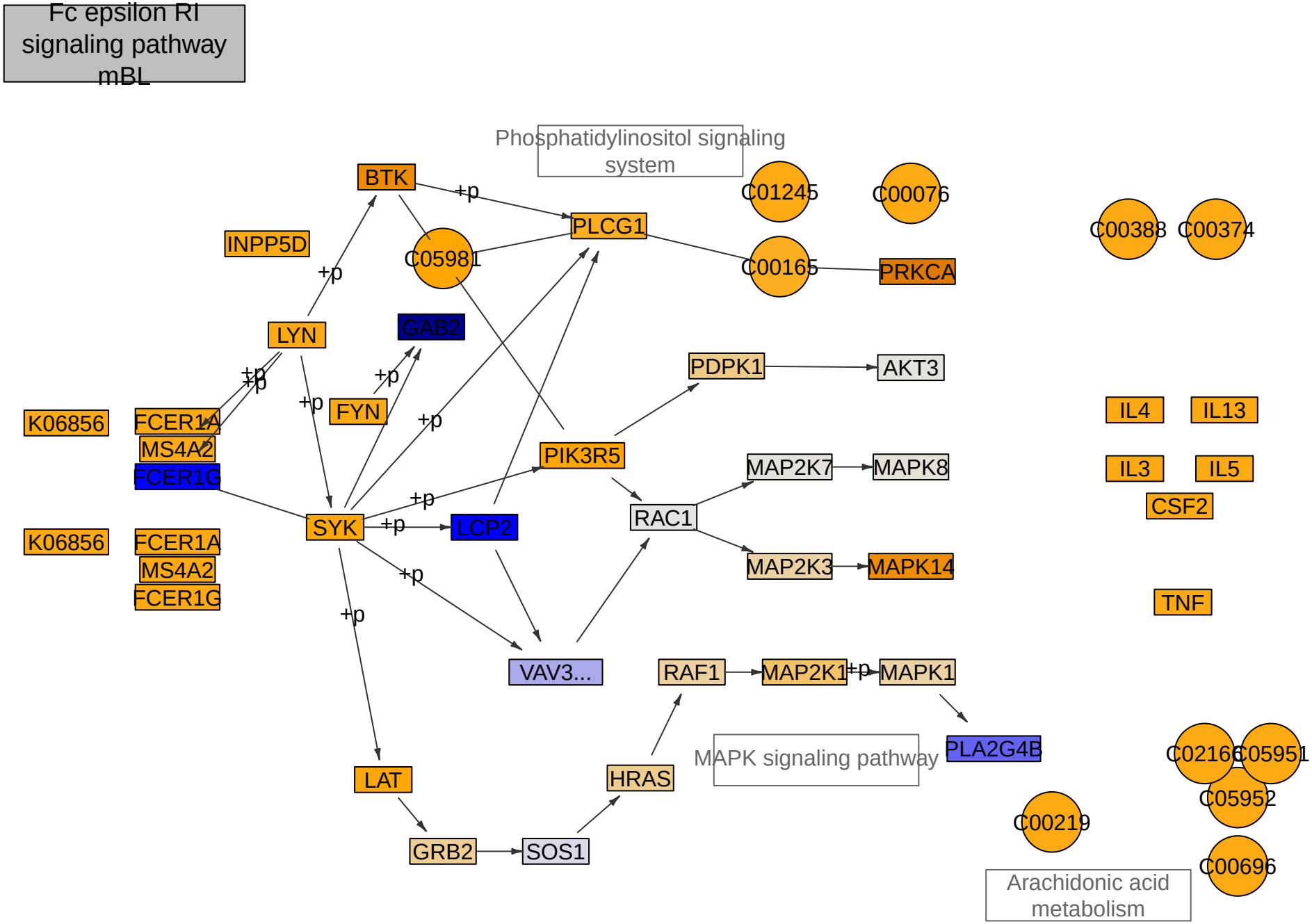


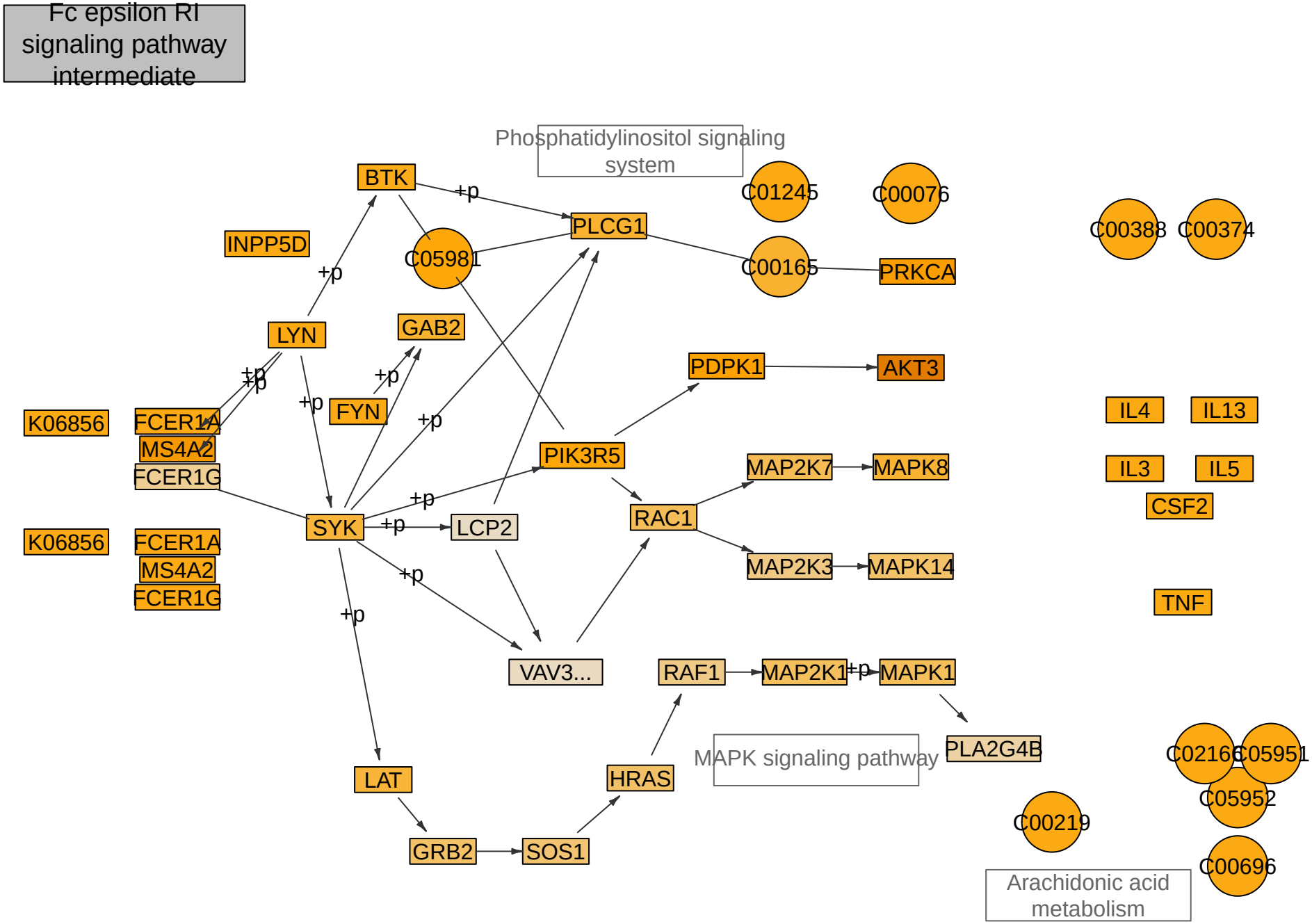


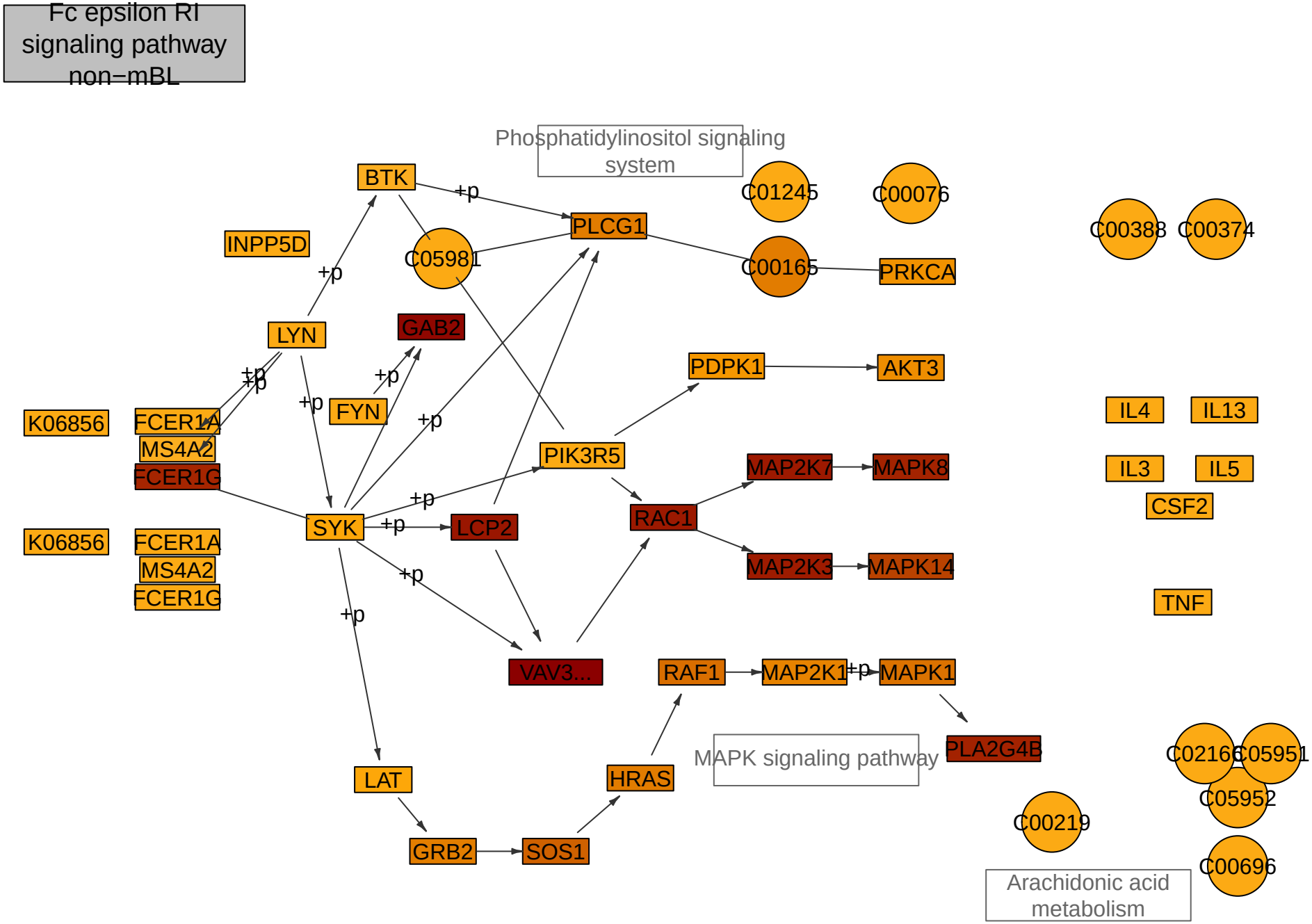



Fc epsilon RI signaling pathway (genes with data)
Phosphatidylinositol signaling system
BTK
PLCG1
INPP5D
C05981
LYN
GAB2
FYN
K06856
FCER1A
MS4A2
FCER1G
SYK
LCP2
PIK3R5
PDPK1
AKT3
MAP2K7
MAPK8
RAC1
MAP2K3
MAPK14
VAV3...
RAF1
MAP2K1
MAPK1
LAT
HRAS
GRB2
SOS1
MAPK signaling pathway
PLA2G4B
Arachidonic acid metabolism
C01245
C00076
C00165
PRKCA
C00388
C00374
IL4
IL13
IL3
IL5
CSF2
TNF
C02166
C05951
C05952
C00219
C00696
+p


Fc epsilon RI signaling pathway (sink nodes)
Phosphatidylinositol signaling system
BTK
+p
PLCG1
C01245
C00076
C00388
C00374
INPP5D
C05981
C00165
PRKCA
+p
LYN
GAB2
+p
+p
+p
FYN
+p
PDPK1
AKT3
K06856
FCER1A
MS4A2
FCER1G
PIK3R5
IL4
IL13
MAP2K7
MAPK8
IL3
IL5
+p
CSF2
RAC1
K06856
FCER1A
MS4A2
FCER1G
SYK
+p
LCP2
MAP2K3
MAPK14
+p
+p
TNF
VAV3...
RAF1
MAP2K1
+p
MAPK1
LAT
HRAS
MAPK signaling pathway
PLA2G4B
C02166
C05951
C05952
C00219
GRB2
SOS1
C00696
Arachidonic acid metabolism


Fc epsilon RI signaling pathway mBL
Phosphatidylinositol signaling system
BTK
+p
PLCG1
C01245
C00076
C00388
C00374
INPP5D
C05981
C00165
PRKCA
+p
LYN
GAB2
PDPK1
AKT3
+p
+p
+p
FYN
+p
IL4
IL13
K06856
FCER1A
MS4A2
FCER1G
PIK3R5
MAP2K7
MAPK8
IL3
IL5
+p
CSF2
K06856
FCER1A
MS4A2
FCER1G
SYK
+p
LCP2
RAC1
MAP2K3
MAPK14
+p
TNF
+p
VAV3...
RAF1
MAP2K1
+p
MAPK1
LAT
HRAS
MAPK signaling pathway
PLA2G4B
C02166
C05951
C05952
C00219
GRB2
SOS1
C00696
Arachidonic acid metabolism


Fc epsilon RI signaling pathway intermediate
Phosphatidylinositol signaling system
BTK
+p
PLCG1
C01245
C00076
C00388
C00374
INPP5D
C05981
C00165
PRKCA
+p
LYN
GAB2
+p
+p
+p
FYN
+p
PDPK1
AKT3
K06856
FCER1A
MS4A2
FCER1G
PIK3R5
IL4
IL13
MAP2K7
MAPK8
IL3
IL5
+p
SYK
+p
LCP2
RAC1
CSF2
K06856
FCER1A
MS4A2
FCER1G
MAP2K3
MAPK14
+p
+p
TNF
VAV3...
RAF1
MAP2K1
+p
MAPK1
LAT
HRAS
MAPK signaling pathway
PLA2G4B
C02166
C05951
C05952
C00219
GRB2
SOS1
C00696
Arachidonic acid metabolism


Fc epsilon RI signaling pathway non−mBL
Phosphatidylinositol signaling system
BTK
+p
PLCG1
C01245
C00076
C00388
C00374
INPP5D
C05981
C00165
PRKCA
+p
LYN
GAB2
+p
+p
+p
FYN
+p
PDPK1
AKT3
K06856
FCER1A
MS4A2
FCER1G
PIK3R5
IL4
IL13
IL3
IL5
CSF2
MAP2K7
MAPK8
+p
SYK
+p
LCP2
RAC1
K06856
FCER1A
MS4A2
FCER1G
MAP2K3
MAPK14
+p
TNF
+p
VAV3...
RAF1
MAP2K1
+p
MAPK1
MAPK signaling pathway
PLA2G4B
C02166
C05951
C05952
LAT
HRAS
C00219
GRB2
SOS1
C00696
Arachidonic acid metabolism