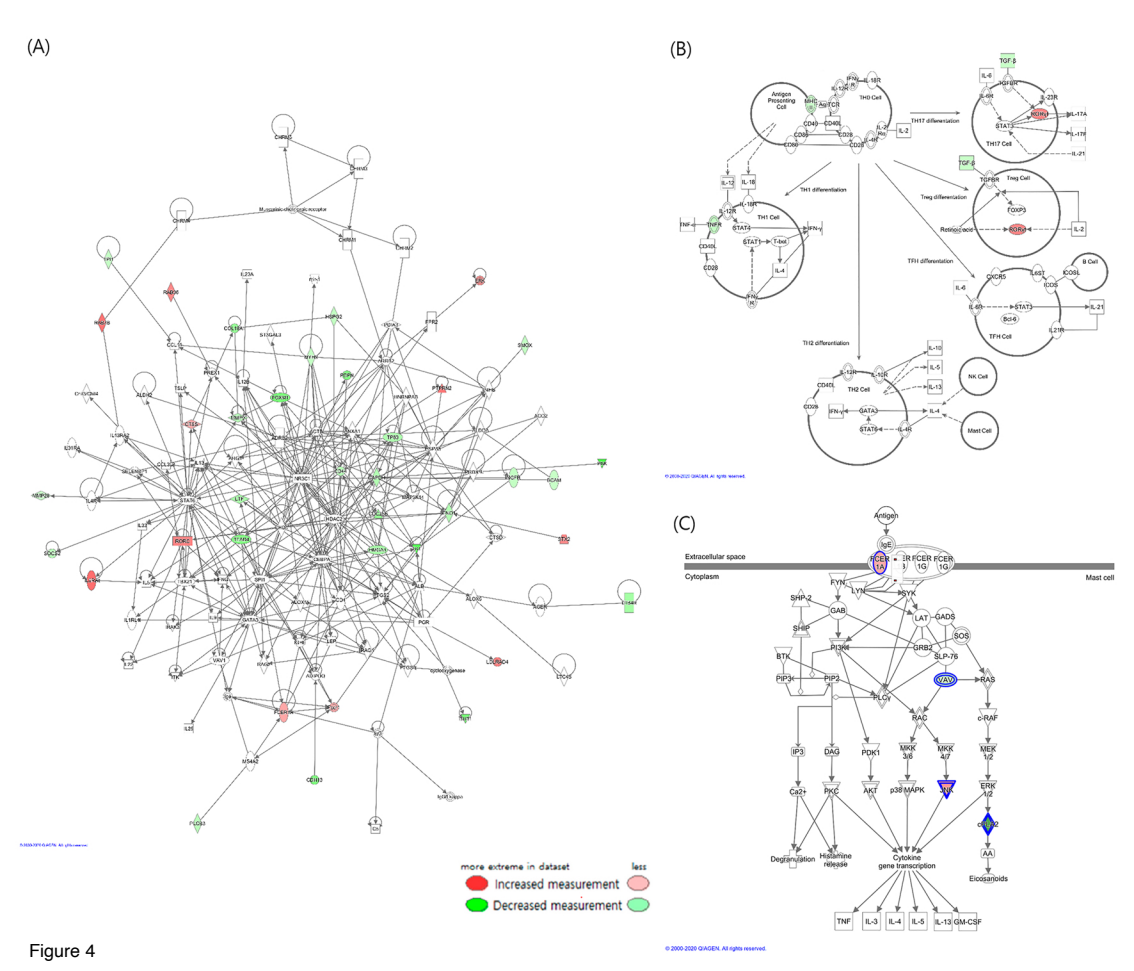
(A)
more extreme in dataset
less
Increased measurement
Decreased measurement
(B)
Antigen Presenting Cell
TH0 Cell
TH1 differentiation
TH17 differentiation
Treg differentiation
TFH differentiation
TH2 differentiation
TH1 Cell
TH17 Cell
Treg Cell
TFH Cell
TH2 Cell
B Cell
NK Cell
Mast Cell
(C)
Antigen
IgE
Extracellular space
Cytoplasm
Mast cell
FCER1A
FCER1G
FYN
LYN
HSYK
SHP-2
GAB
LAT
GADS
SHIP
SOS
PI3K
GRB2
SLP-76
BTK
PIP3
PIP2
PLCγ
VAV1
RAS
RAC
c-RAF
IP3
DAG
PDK1
MKK 3/6
MKK 4/7
MEK 1/2
Ca2+
PKC
AKT
p38 MAPK
JNK
ERK 1/2
cPLA2
AA
Degranulation
Histamine release
Cytokine gene transcription
Eicosanoids
TNF
IL-3
IL-4
IL-5
IL-13
GM-CSF

Figure 4