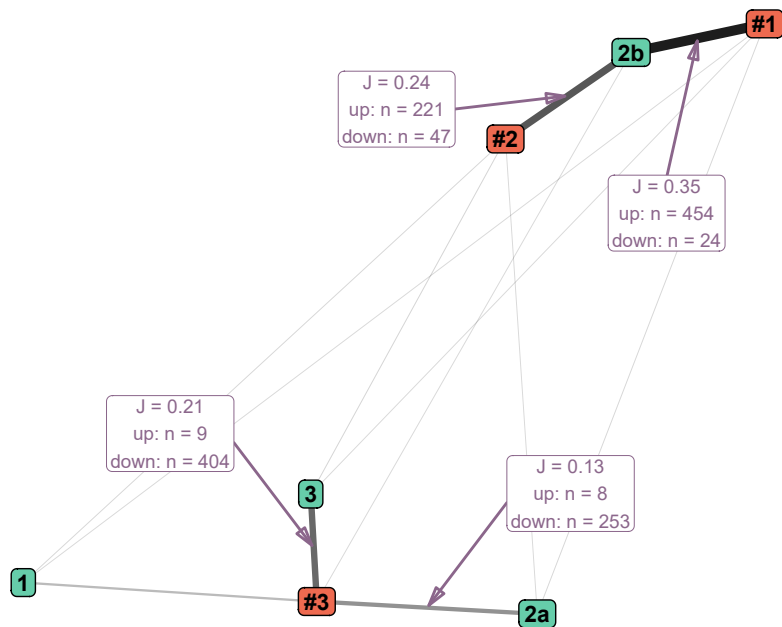


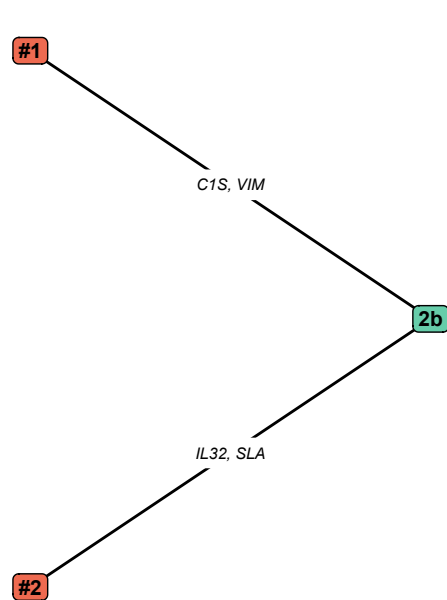
A

NMIBC subsets similarity



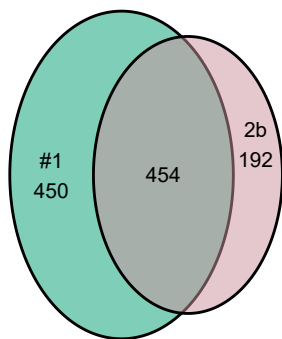
B

NMIBC shared markers



C

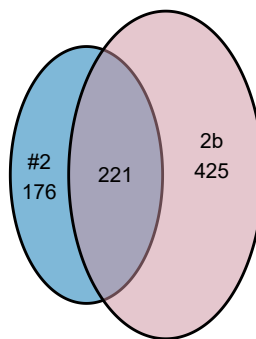
#1 and 2b, upregulated, genes



shared processes:

antigens, IL, TNF
B, T, NK cells, leukocytes
membrane organization
migration, phagocytosis
angiogenesis
cell death, ECM, integrins
IFN/STAT, FcR, PI3K
VEGF, small GTPases
GPCR, PLC
WNT, MAPK, FGFR, NFkB
eicosanoids, Ca2+

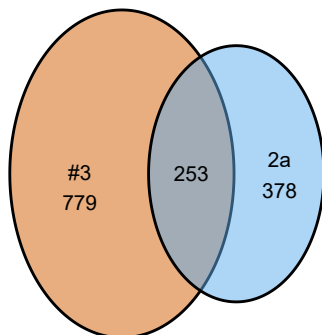
#2 and 2b, upregulated, genes



shared processes:

antigens, IL
B, T, NK cells & leukocytes
migration, phagocytosis
cell death, angiogenesis
IFN/STAT, FcR, NFkB
GPCR, PLC, MAPK
small GTPases

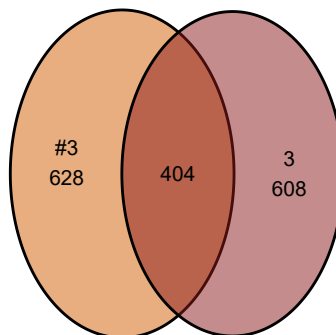
#3 and 2a, downregulated, genes



shared processes:

B, T, NK cells
cell death
ECM, collagens
IFN, IL, TLR, TNF
small GTPases, MAPK
Ca2+ signaling

#3 and 3, downregulated, genes



shared processes:

antigens, lectins
B, T, NK cells
chemotaxis, membrane
angiogenesis, cell death
ECM, collagens
eicosanoids, vit. D
FcR, IFN/STAT, IL, TLR
WNT, NFkB, MAPK, PI3K
GPCR, PLC, small GTPases
Ca2+ & synaptic signaling