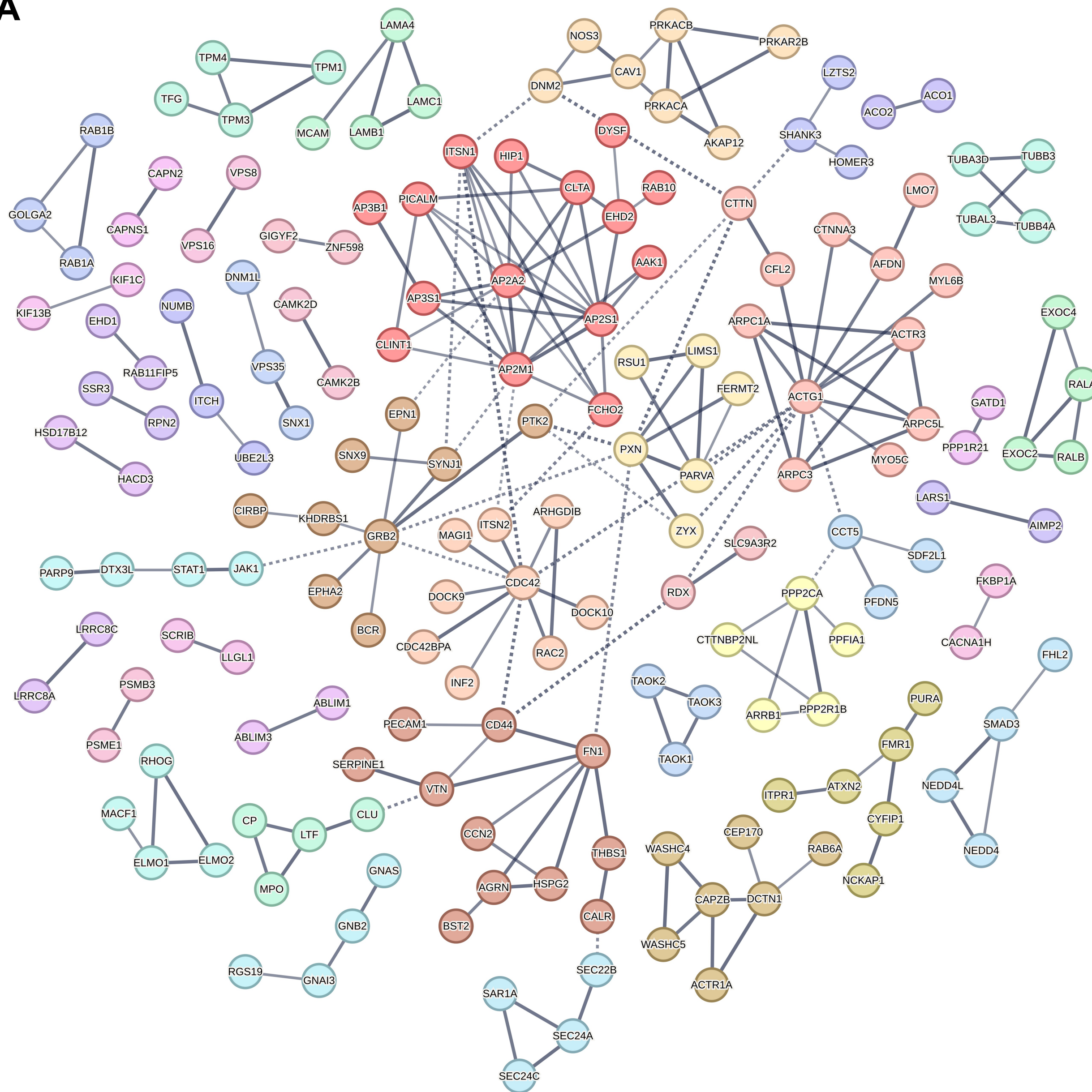


Supplementary Figure 1

A



B

Top gene clusters

bubble	gene count	gene ontology	protein names
●	15	clathrin coat, endocytosis	AAK1,AP2A2,AP2M1,AP2S1,AP3B1,AP3S1,CLINT1,CLTA,DYSF,EHD2,FCHO2 HIP1,ITSN,PICALM,RAB10
●	12	actin filament polymerization and organization	ACTG1,ACTR3,AFDN,ARPC1A,ARPC3,ARPC5L,CFL2,CTNNA3,CTTN,LMO7 MYL6B,MYO5C
●	11	extracellular matrix organization	AGRN,BST2,CALR,CCN2,CD44,FN1,HSPG2,PECAM1,SERPINE1,THBS1,VTN
●	9	small GTPase mediated signal transduction	ARHGDIB,CDC42,CDC42BPA,DOCK10,DOCK9,INF2,ITSN2,MAGI1,RAC2
●	9	signal transduction	BCR,CIRBP,EPHA2,EPN1,GRB2,KHDRBS1,PTK2,SNX9,SYNJ1

Supplementary Figure 2

