```
Irgm2 Ctss\S100a8/Nupr1 Cd300lf
                                                                            S100a9 Tnip3
                           Hspd1, Pde5a Tril
                    Lgals9, Ccl3, Lrrfip2 Bpifb1+
     Ddit3 II20rb Fcer1 Cd 4 Tnip2 Cxcl1 II18rap Ldlr
Nr4a3 II4ra TIr4 Lira5 Tbk1 Tspan6 Gja1 Alpk1Wdfy1 — Nfkbiz Tnip1 Cxcl17 Alig5a Slamfa Trk3 Kire1 Rsad2 Tir13 Lag3 Mill2 Hexim1
Cxcl17 Arid5a Slanto Lrrk2 Rsad2 Rsad2 Harp9 Tnfaip@nca Ltf Ednra
Chia Cec5anc93b1 Nploc4 Tur2 Rps6ka3Nectin2 Sh2d1b1
                    Ccm2|Rela Nr6 Irf7 Tir2
                                                                                  Rps6ka3Nectin2 Sh2d1b1
Ptprc\\
Wn/8a/Heg
                                                                                    Tmem173 Prkac Reg3g Treml4
                                                  Gbp5 Tnf Irf1
                        P2rxAnkrd1 Pdx60 Kirk1 Clec4e
                                     II33
                                                                                                            Nr1d1 C2cd4b
 Cd3
                                                                                                                                                     Mvh9
                                                                                         Optn regulation of defense response
II1f9 Nfam1 Dhx33 Cgas Mapk Cebpb Tir5 Mef2c
                     Malt1-Trim16 Mmp8 Mapkapk2 Ptpn22 Adam8/ Appl2 excl12
     \ Tnfsf9
LtbCasp4Ripk1 Abl2 Myd88 Trim15 Ifi205 Hyal2 Gata3
                                                                                                                                                                    size
Cebpg Bcl3 Tigit Atf4 F2rl1 Bcl10 Adora2b Ptpn11
                                                                                                                                      Rrel 1/Ptp4a3
                                                                                                                                                                                86
                                                                                                                    Nr4a1
                                                                                                                             Alhgap4 Tacstd2
Traf 22ry 2 positive regulation of cytolenger to the serpine 1 Rffl
                                                                                                                                                                                96
                                                                                                               Tgfbr1 Fat2 Srf Sema6d
                                                      Ccl5 Ccr2 Wnt5a—Ets1
                           Ddx21 Spn
                                                                                        Ctsh Fgf7 Atoh8 Sema3g Pa
          NIrp3
                                  Afap1l2
                                                                                                                                                                                106
                                                                     Rock2
                                  Stat3

Anxa1

An
Adra/2/a / / / Cybb
 Cle¢4n/ Prkcq
                                                                Sema6a Mir218-1 Pik3r3 Ednrb Dpp4Cdh13
                                                                                                                                                                                 116
                             Sphk1//Ccbe1/
  II15 /Card1/1
     Cd274 Iri8 Stat1 Vegfd Hif1a
                                                                     Spred1 DIA Mmp1 Angpt1 HasApoa1
      Ecscr Cx3cl1 Cd34 Thbs1
                                                              Hmox1-Pik3r2 Etna1 Adgra2 Fn1 Hbegicox17
                      Rmlegulation of angiogenesis Mmrn2-
                                                                                             Pik3c2aPpm1f Prkx
   Spry2—
        Id1 Regulation of vasculature development Plxnd1 Zc3h12br2f2 Smo | Bcas3
Lgals3 Tnfrsf12a PgkTref4 Hoxa5 Kdr Angpt2 Hdac7 Hyal1
                                                                                                                                   Blit2
                                                                                                                                              Zfand5
       Itga5 - Cx3cr1 - Sars Adm | Hasl
                                                                          Fgf2
                                                                                                      tnb2Arid5b
                                                                                     Epha2/
                                                                                                                                     &dnt
                                                                                                                                                   <sup>1</sup>Lama5
                           F3/Sfrp2 Hhip/ Ddah1
                                                                                                                  Nrp1
                                                                                                    #df1/8/
                             Mir27a Pde3b Hk2 Tie1 Ceacam1 Stox2 Adamts9 Clec1
                                                                                                                                               Clec14a
                                                                                                     Forfbp1 ∕Kit
                                                                                                                                 Snai2
              Mir23a Cth Lrg1, Klf2 Tspan12 Lif
                                                                                   Ago1
                                  Epha1 Aplnr / Cxcr2 Pdgfd
                                                                                                     Sirt1
                                                                                                          Cxcl10
                      Mir24-2 Hey2 Vysltr1 Sod2 Hey1 Tmem100
```