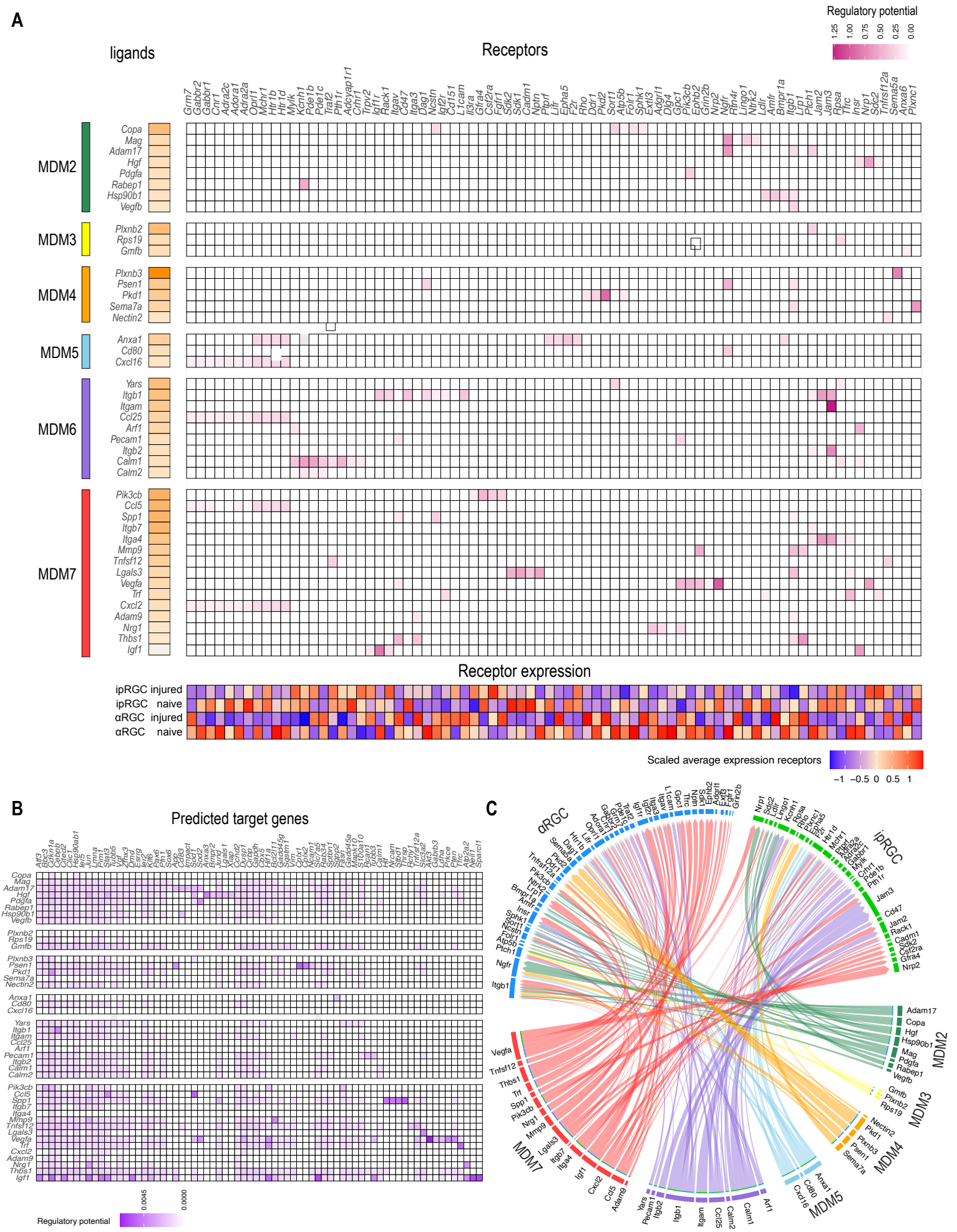
A
Regulatory potential
1.25
1.00
0.75
0.50
0.25
0.00
ligands
Receptors
MDM2
Copa
Mag
Adam17
Hgf
Pdgfa
Rabep1
Hsp90b1
Vegfb
MDM3
Plxnb2
Rps19
Gmfb
MDM4
Plxnb3
Psen1
Pkd1
Sema7a
Nectin2
MDM5
Anxa1
Cd80
Cxcl16
MDM6
Yars
Itgb1
Itgam
Ccl25
Arf1
Pecam1
Itgb2
Calm1
Calm2
MDM7
Pik3cb
Ccl5
Spp1
Itgb7
Itga4
Mmp9
Tnfsf12
Lgals3
Vegfa
Trf
Cxcl2
Adam9
Nrg1
Thbs1
Igf1
Receptor expression
ipRGC injured
ipRGC naive
αRGC injured
αRGC naive
Scaled average expression receptors
−1 −0.5 0 0.5 1
B
Predicted target genes
Regulatory potential
0.0045
0.0000
C
αRGC
ipRGC
MDM2
MDM3
MDM4
MDM5
MDM6
MDM7

FIGURE S5