

A Venn diagram illustrating the overlap between three sets of genes: RIF:DEGs (green circle), HC:ASEGs (red circle), and HC:DEGs (blue circle). The numbers represent the count of genes in each region.

Region	Count
RIF:DEGs only	751
HC:ASEGs only	346
HC:DEGs only	1
RIF:DEGs & HC:ASEGs	277
RIF:DEGs & HC:DEGs	0
HC:ASEGs & HC:DEGs	0
All three (RIF:DEGs, HC:ASEGs, & HC:DEGs)	4
Other regions (RIF:DEGs & HC:ASEGs & HC:DEGs)	2, 52, 15, 13, 254, 217

Enrichment Factor

Count

- 40
- 80
- 120
- 160

Ontology

- BP
- CC
- MF

Biological Processes (Y-axis):

- vesicle lumen
- tertiary granule
- specific granule
- signaling receptor activator activity
- secretory granule membrane
- secretory granule lumen
- regulation of cell-cell adhesion
- receptor ligand activity
- positive regulation of leukocyte cell-cell adhesion
- positive regulation of leukocyte activation
- positive regulation of cytokine production
- positive regulation of cell-cell adhesion
- positive regulation of cell activation
- myeloid leukocyte migration
- membrane raft
- leukocyte migration
- leukocyte chemotaxis
- leukocyte cell-cell adhesion
- immune receptor activity
- glycosaminoglycan binding
- external side of plasma membrane
- cytoplasmic vesicle lumen
- cytokine receptor binding
- cytokine receptor activity
- cytokine binding
- cytokine activity
- collagen-containing extracellular matrix
- chemokine activity
- blood microparticle
- antigen binding

Legend:

- $-\log_{10}(p.adjust)$ (Color scale: red to blue)
- Count (Size: 40, 80, 120, 160)
- Ontology (Shape: BP (circle), CC (triangle), MF (square))

Group	
	B.cells.naive
	B.cells.memory
	Plasma.cells
	T.cells.CD8
	T.cells.CD4.naive
	T.cells.CD4.memory.resting
	T.cells.CD4.memory.activated
	T.cells.follicular.helper
	T.cells.regulatory.Tregs
	T.cells.gamma.delta
	NK.cells.resting
	NK.cells.activated
	Monocytes
	Macrophages.M0
	Macrophages.M1
	Macrophages.M2
	Dendritic.cells.resting
	Dendritic.cells.activated
	Mast.cells.resting
	Mast.cells.activated
	Eosinophils
	Neutrophils

