

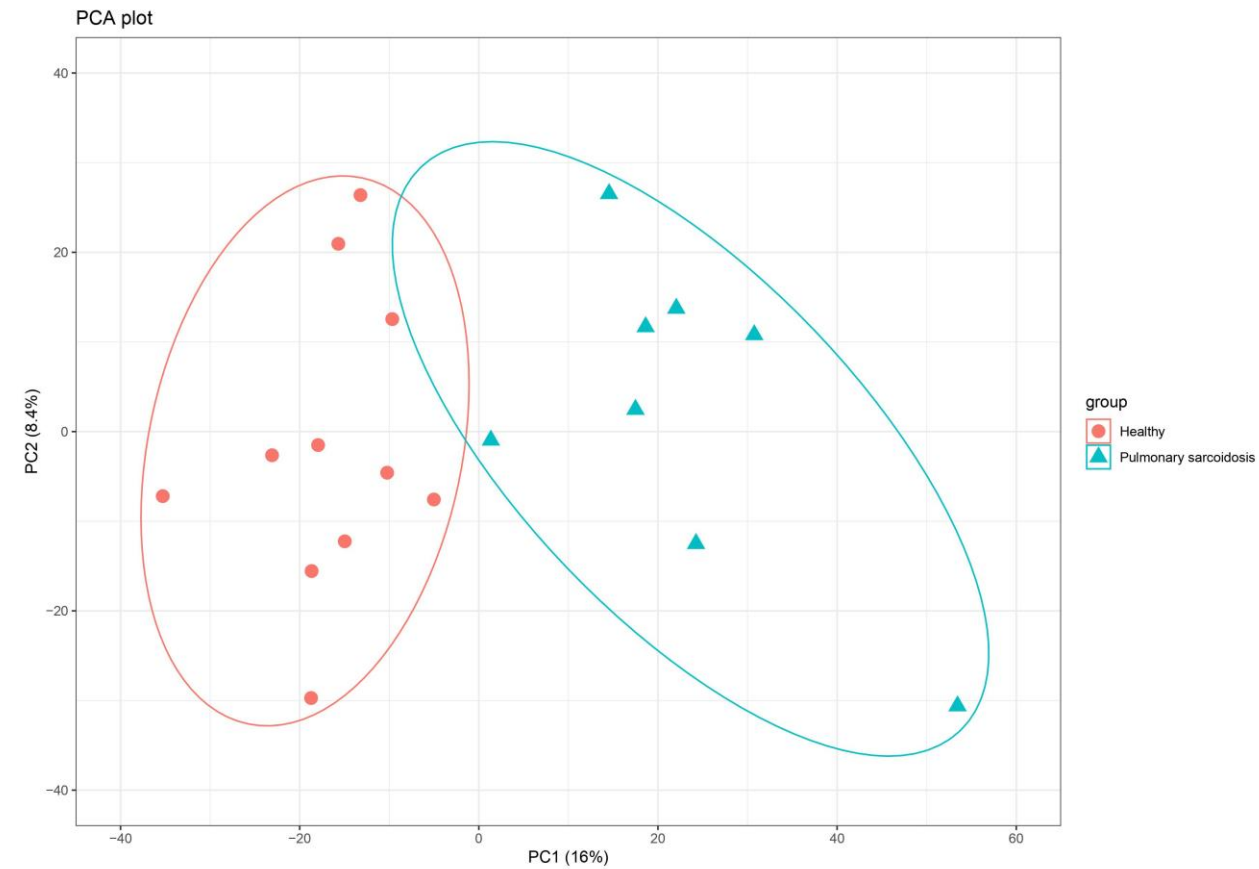
Reproducing the Results of [Transcriptome Analysis of Peripheral Blood Mononuclear Cells in Pulmonary Sarcoidosis (Frontiers in Medicine)]: An Attempt to Validate the Findings

Presented by - Sanjai
Research intern at DhrithiGEN

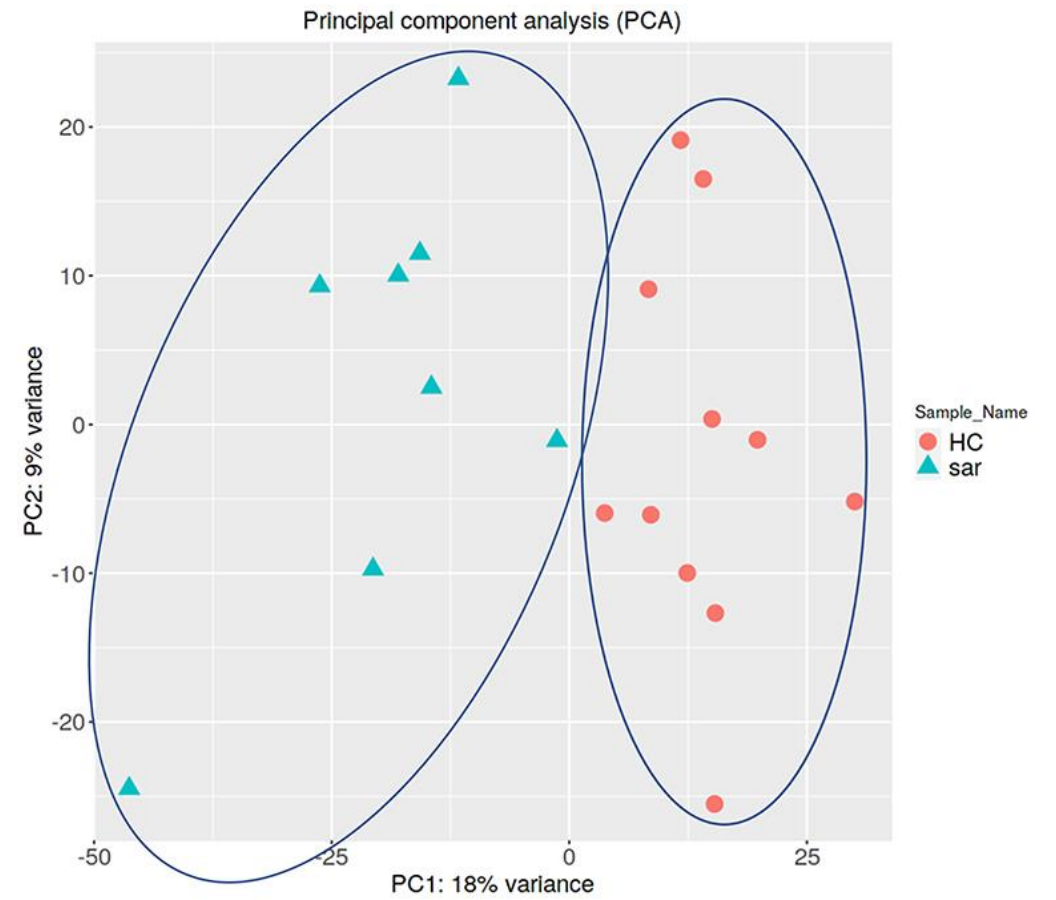


PCA PLOT

My plot

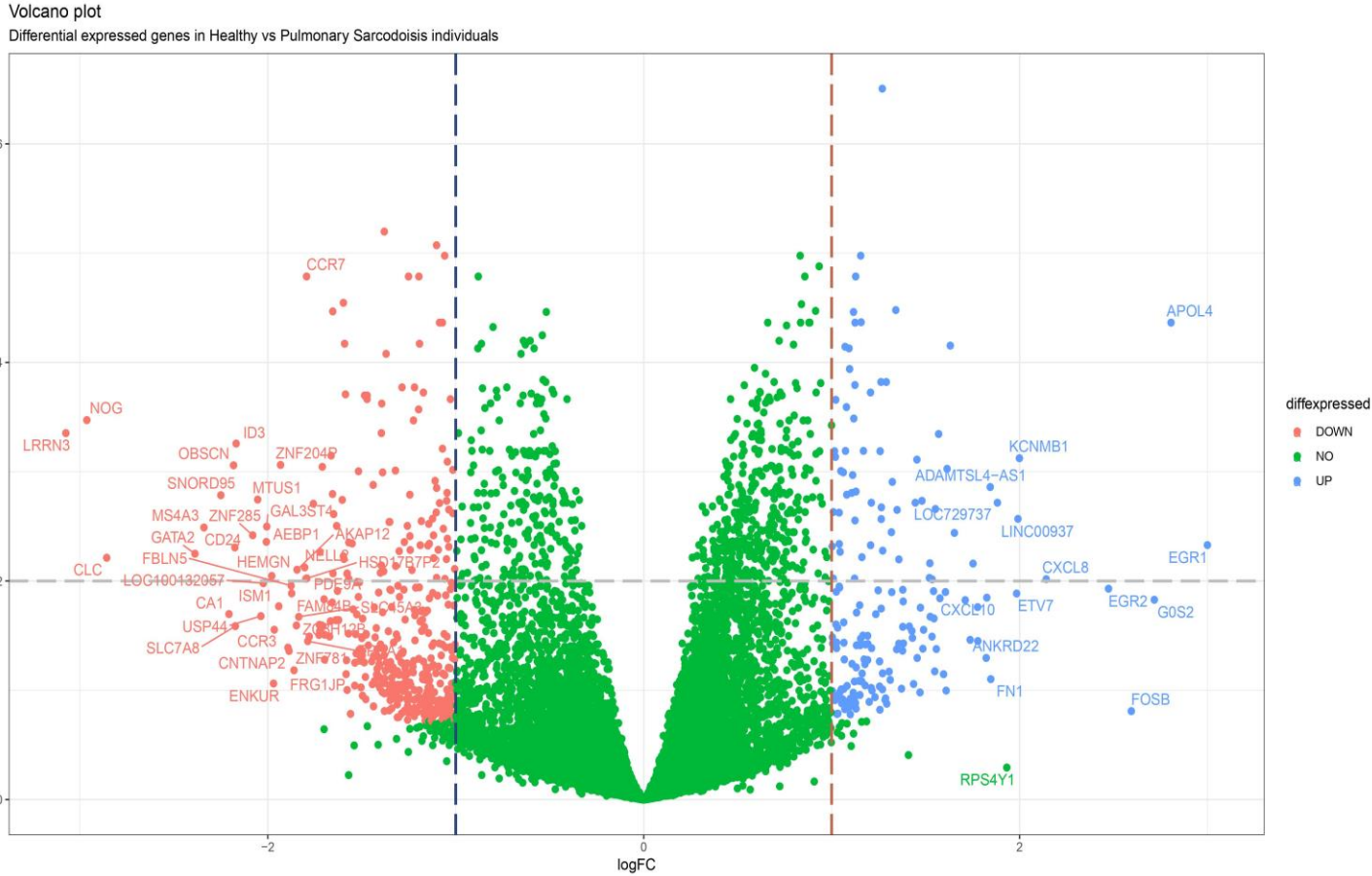


Plot from Literature

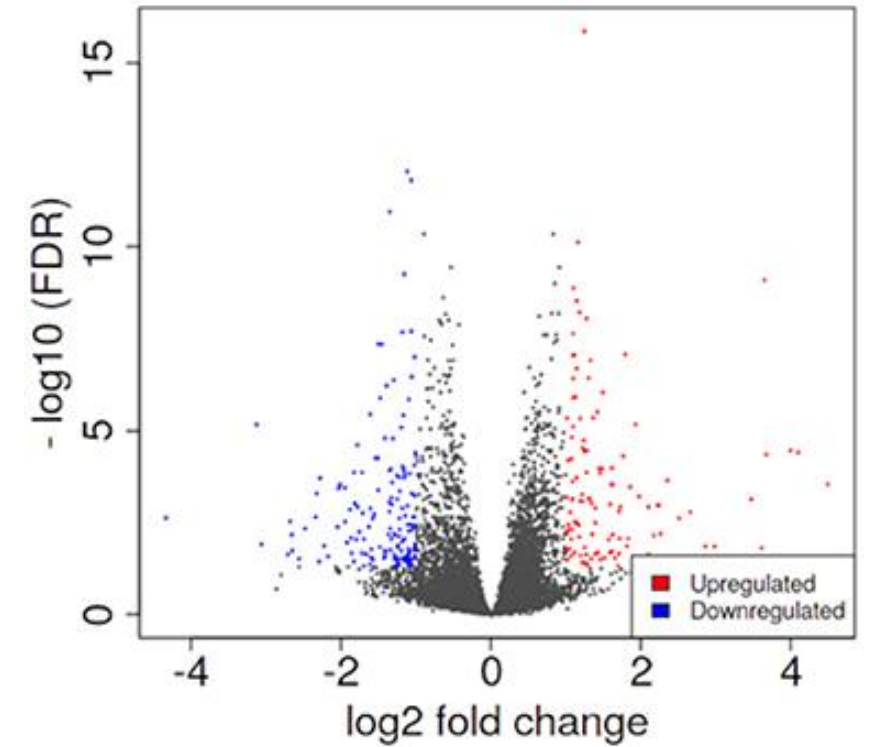


VOLCANO PLOT

My plot

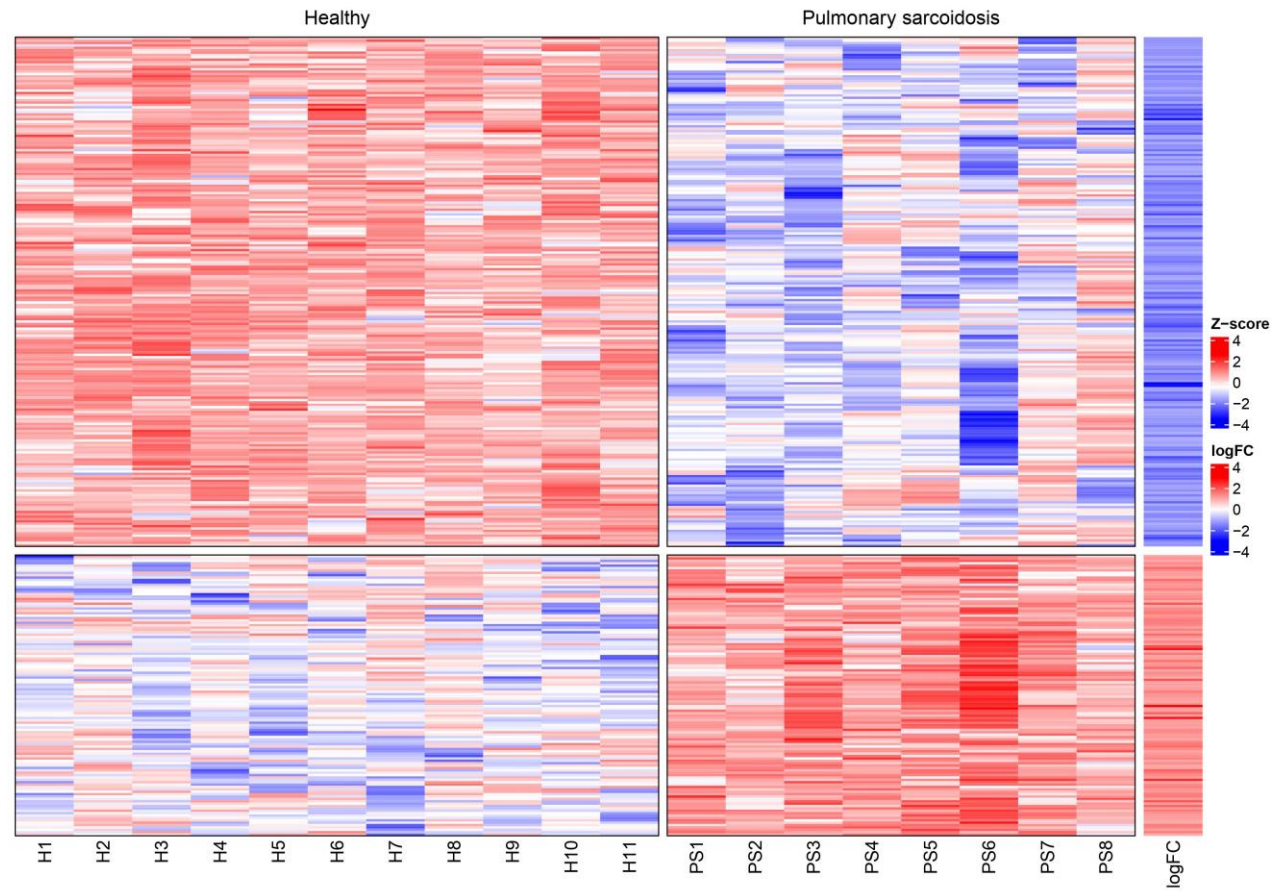


Plot from Literature

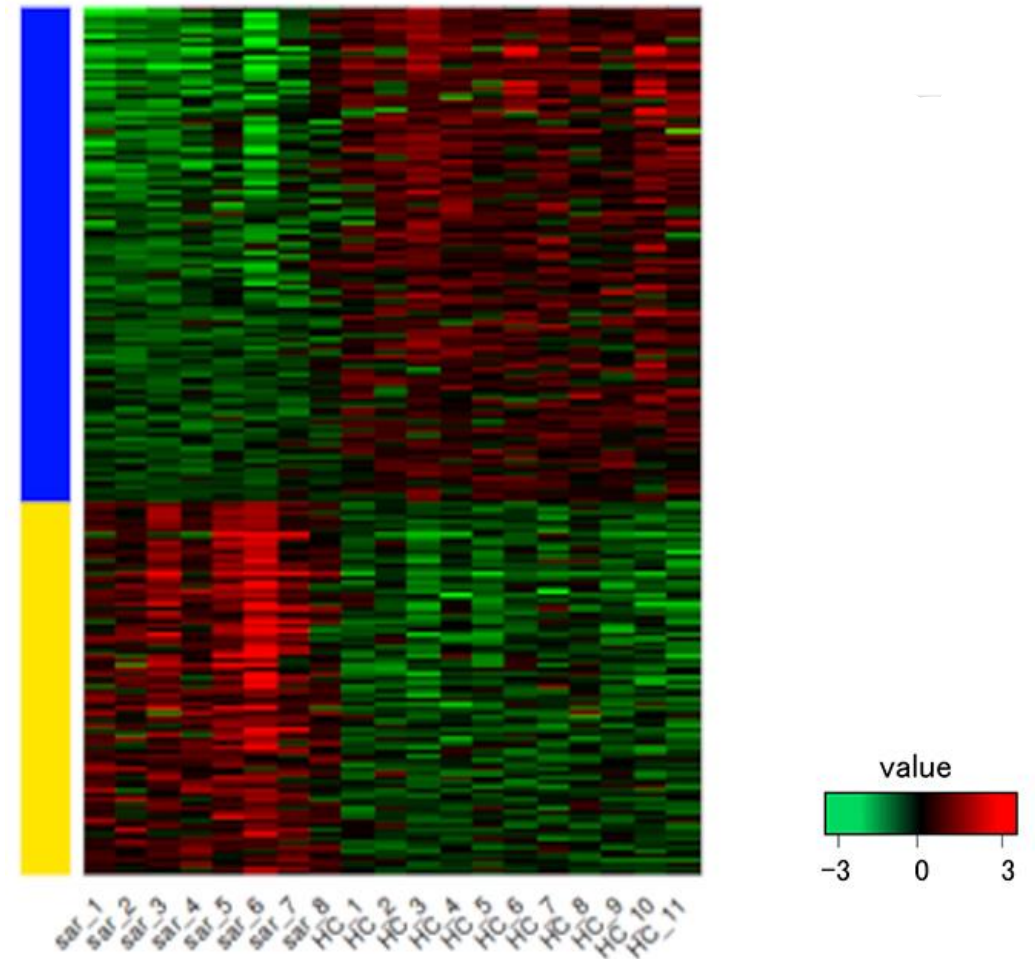


HEAT MAP

My plot

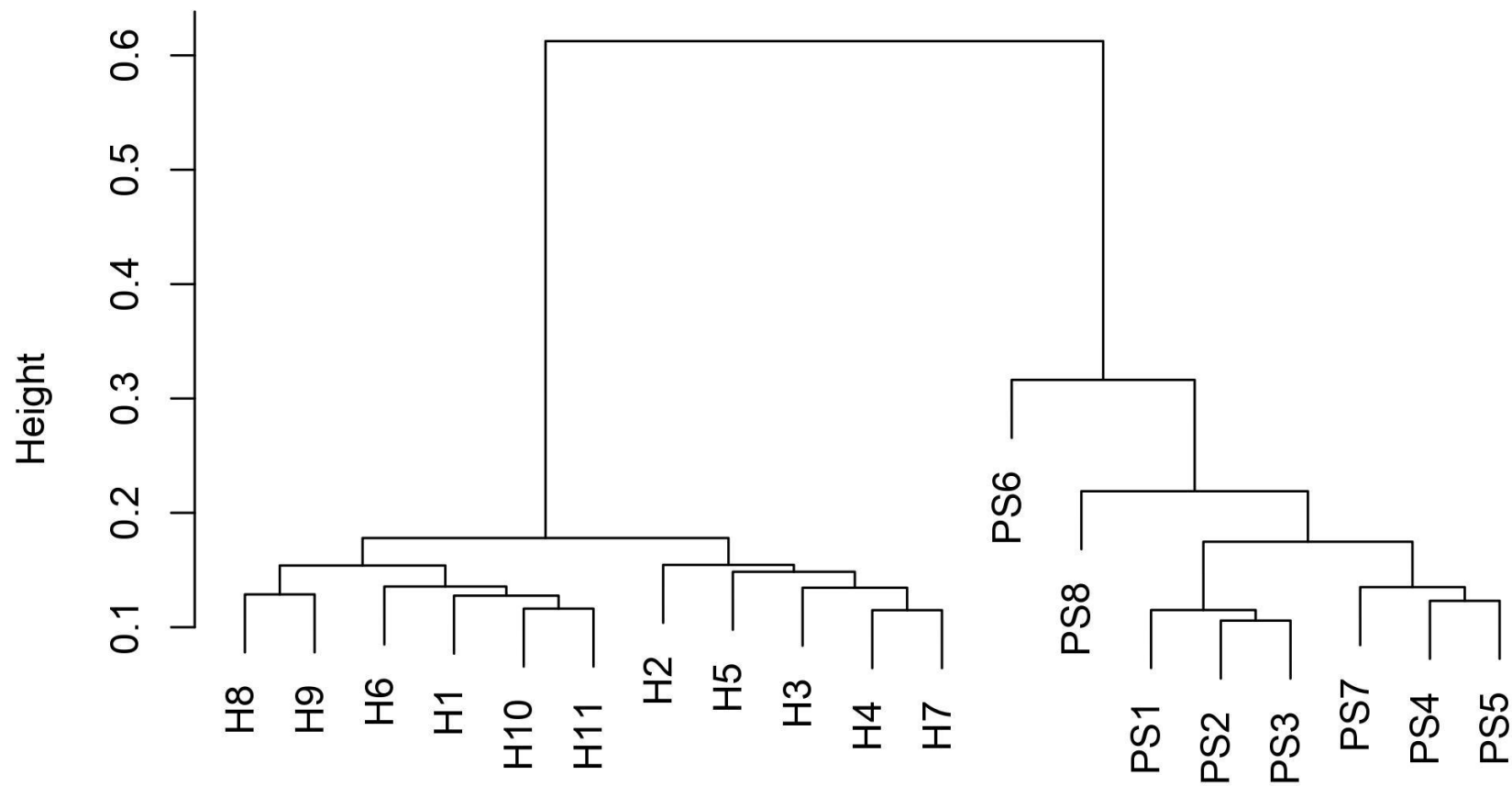


Plot from Literature

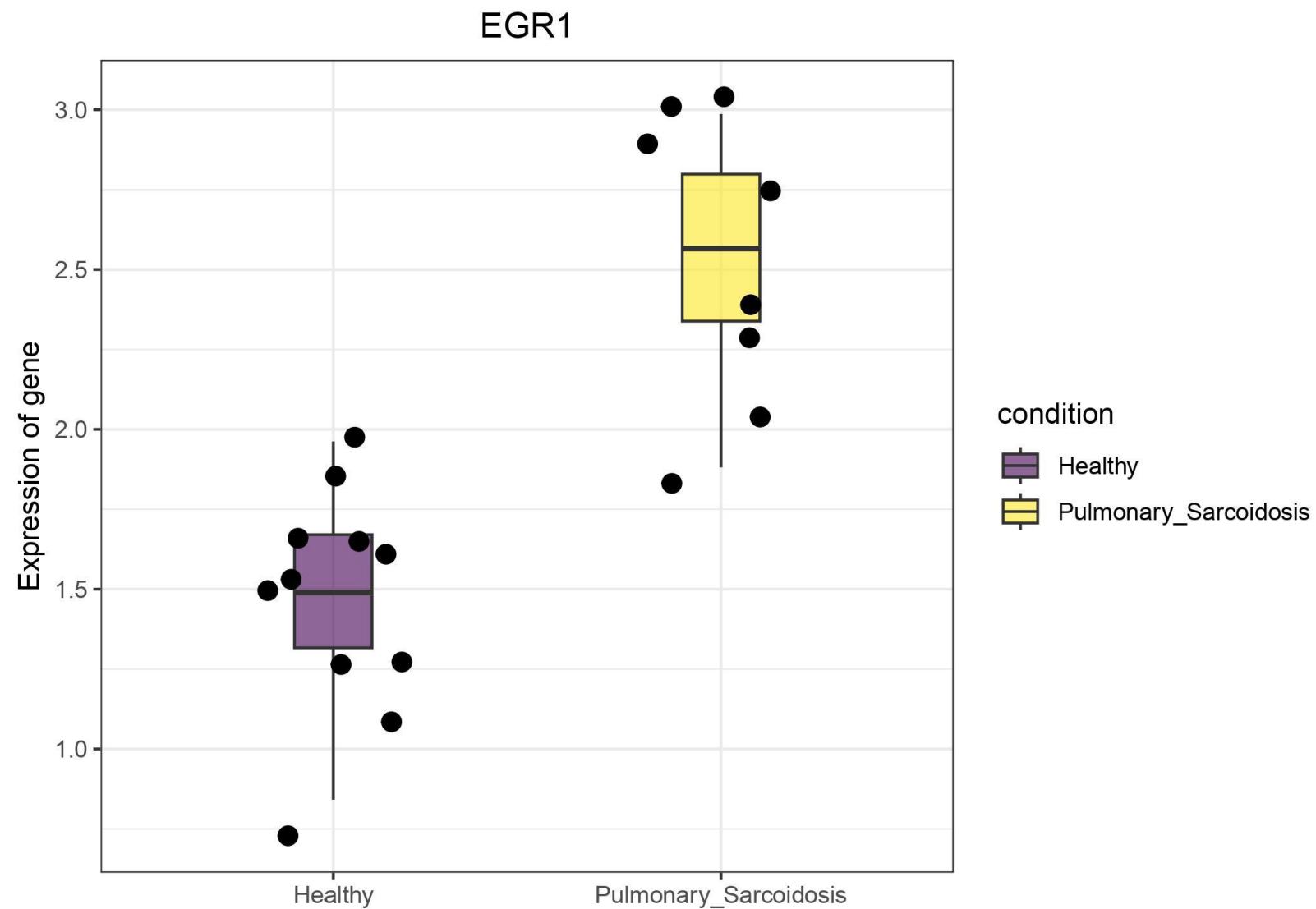


CLUSTER DENDROGRAM

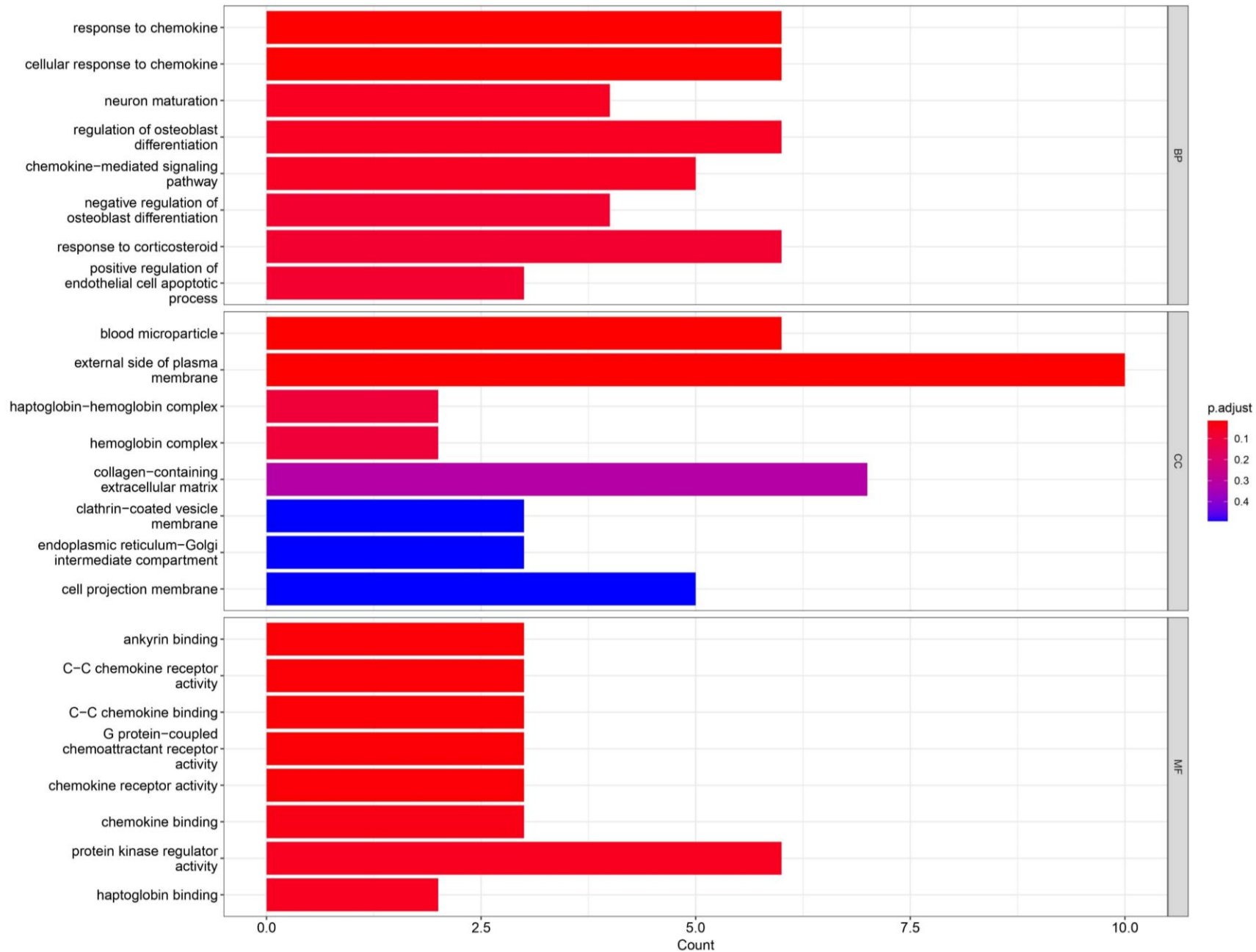
Cluster Dendrogram



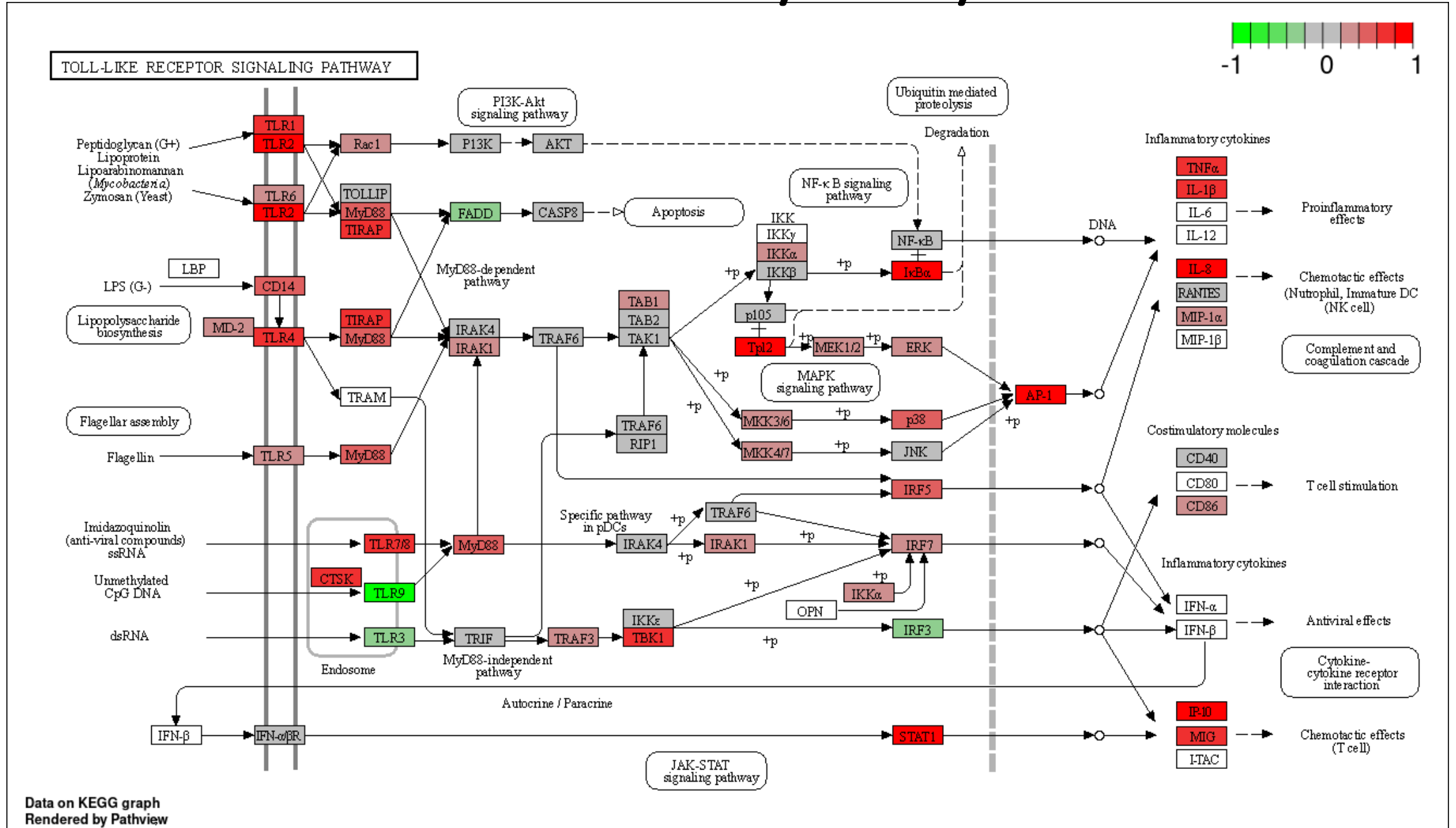
BOX PLOT OF DEG

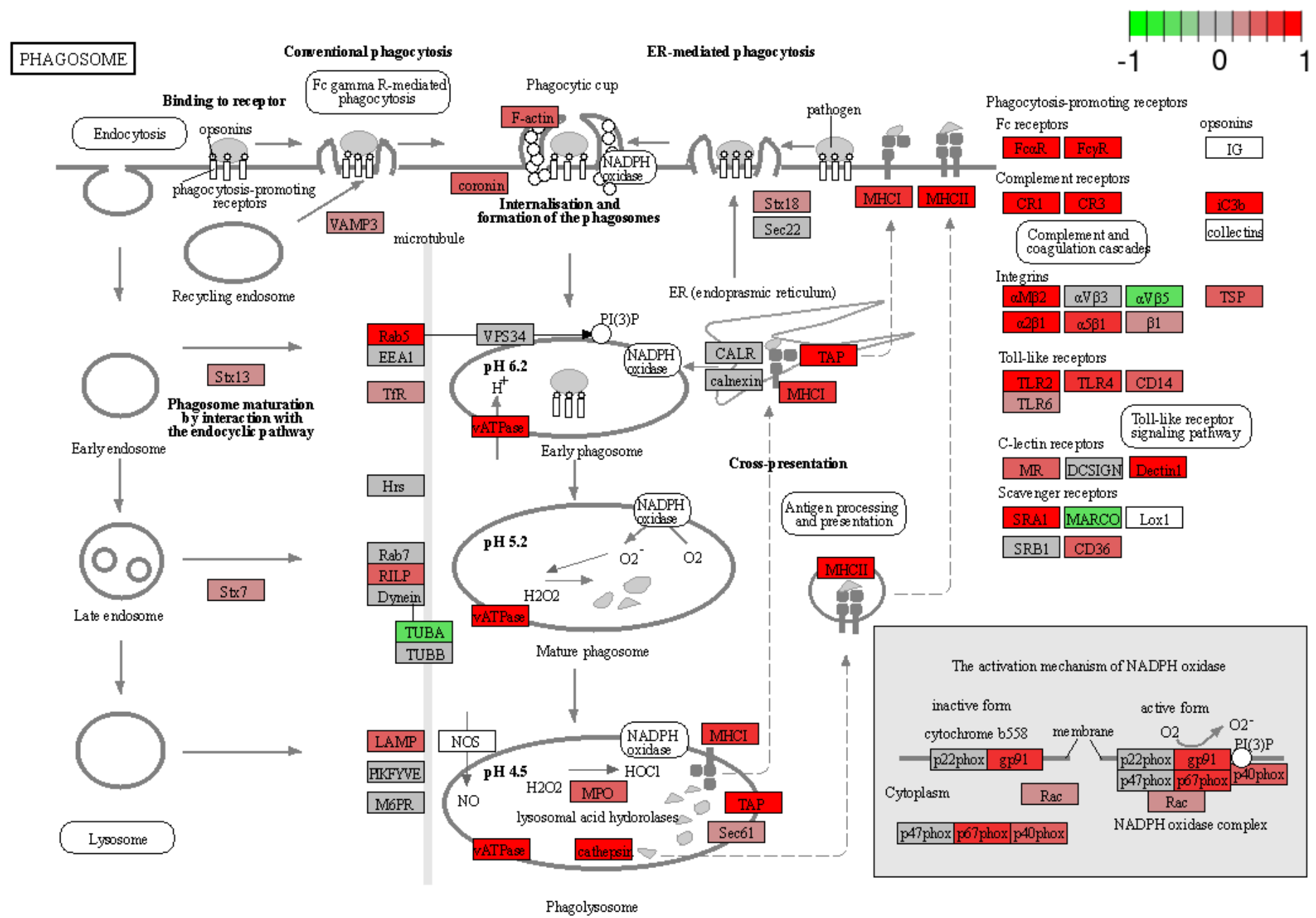


Gene Ontology Analysis

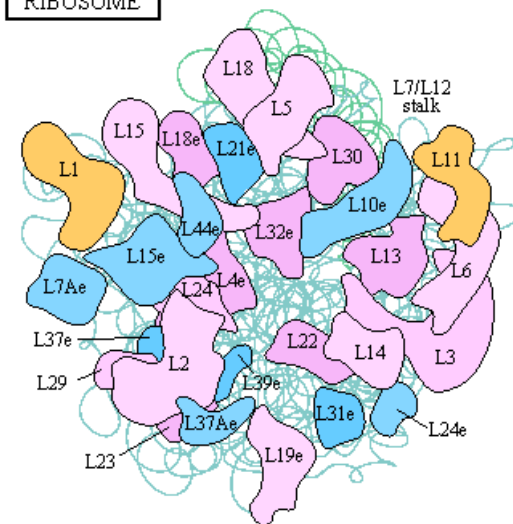


KEGG Pathway Analysis

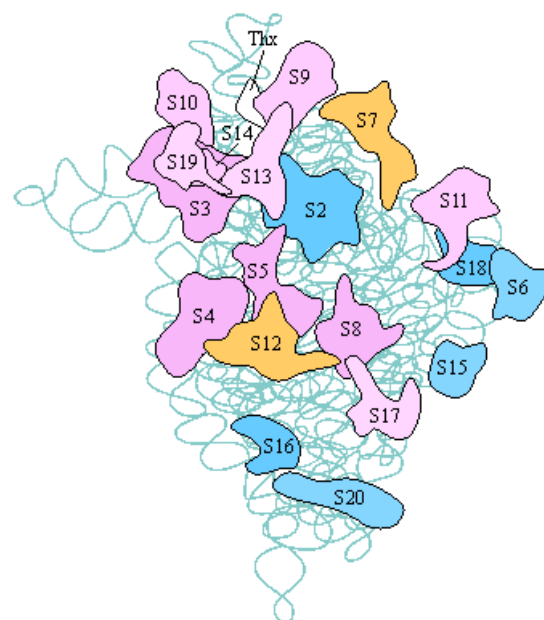




RIBOSOME



Large subunit (*Haloarcula marismortui*)



Small subunit (*Thermus aquaticus*)

Ribosomal RNAs

Bacteria / Archaea	23S	5S		16S
Eukaryotes	25S	5S	5.8S	18S

Ribosomal proteins

EF-Tu	S10	L3	L4	L23	L2	S19	L22	S3	L16	L29
	S20e	L3e	L4e	L23Ae	L8e	S15e	L17e	S3e		L35e

S17	L14	L24		L5	S14	S8	L6		L18	S5	L30	L15	SecY
S11e	L23e	L26e	S4e	L11e	S29e	S15Ae	L9e	L32e	L19e	L5e	S2e	L7e	L27Ae

	IF1	L36	S13	S11	S4	RpoA	L17	L13	S9
L34e	L14e		S18e	S14e	S9e		L18e	L13Ae	S16e

EF-Tu,G	S7	S12		L7A	RpoC,B	L7/L12	L12	L10	L1	L11
	S5e	S23e	L30e	L7Ae			LP1,LP2	LP0	L10Ae	L12e

S2	EF-Ts	IF2	S15	IF3	L35	L20	L34	RF1	L31	L32	L9	S18	S6
S Ae			S13e										

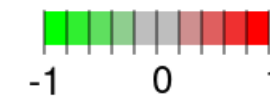
L28	L33	L21	L27	FtsY,Ffh	S16	L19	S1	S20	S21	L25
-----	-----	-----	-----	----------	-----	-----	----	-----	-----	-----

L10e	L13e	L15e	L21e	L24e	L31e	L35Ae	L37e	L37Ae	L39e	L40e	L41e	L44e
------	------	------	------	------	------	-------	------	-------	------	------	------	------

S3Ae	S6e	S8e	S17e	S19e	S24e	S25e	S26e	S27e	S27Ae	S28e	S30e	LX
------	-----	-----	------	------	------	------	------	------	-------	------	------	----

L6e	L18Ae	L22e	L27e	L28e	L29e	L36e	L38e
-----	-------	------	------	------	------	------	------

S7e	S10e	S12e	S21e
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DOT PLOT OF GSEA RESULTS



GSEA RESULTS

