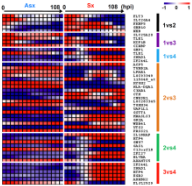
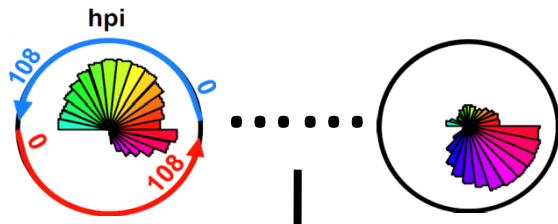
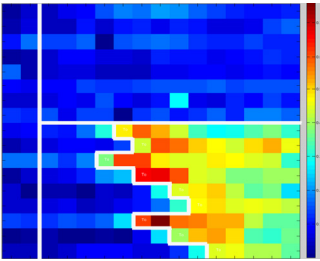
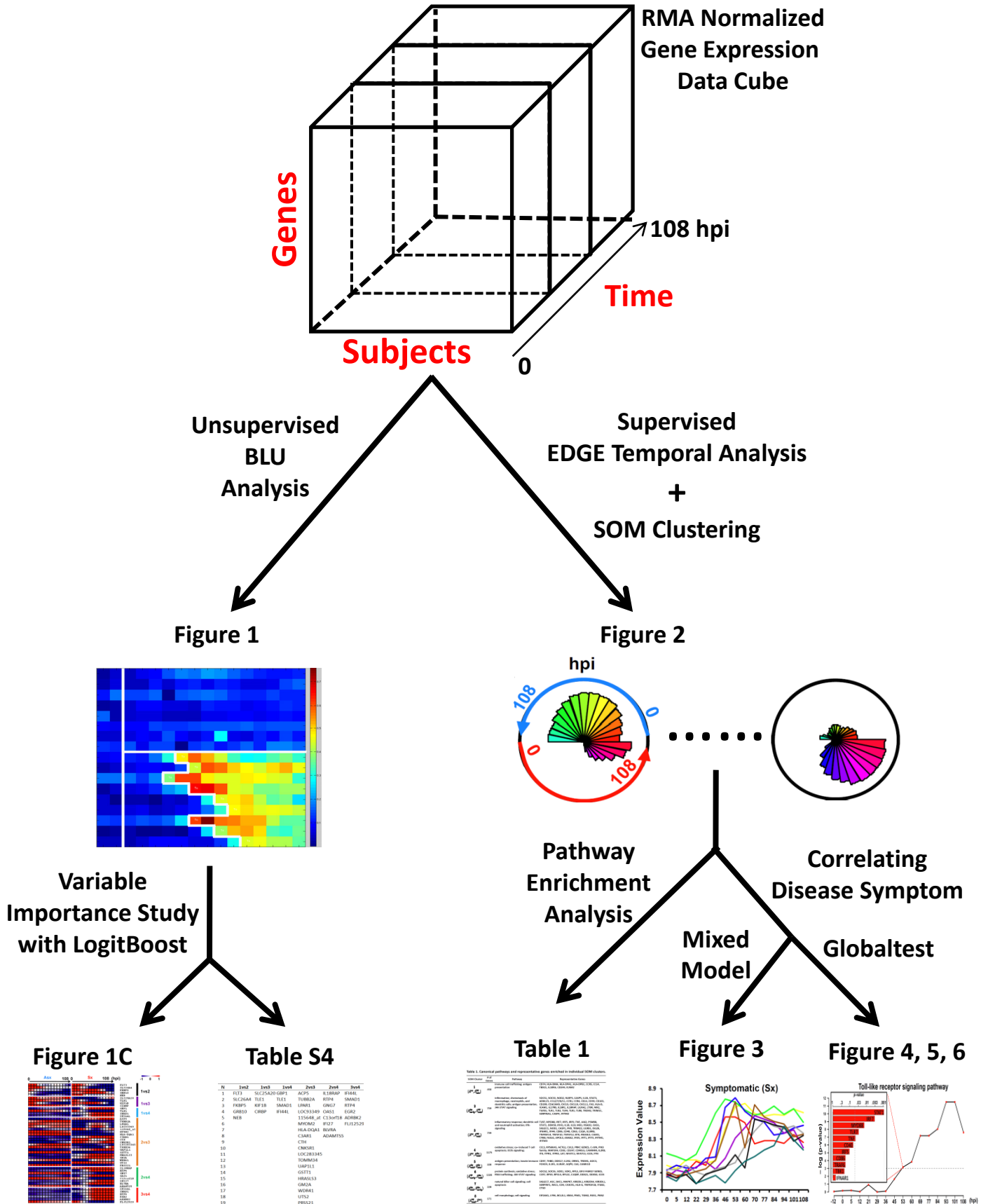


Fig. S16



N	108_0	108_4	108_8	108_12	108_16	108_20	108_24
1	TL11	SCC2A2/SGPT	ACPI	IL13RA1P	IFNA1		
2	SLC26A4	TL11	TURBOA	RTM4	SMAD1		
3	FEM1B	KIF1B	SMAD1	IL13RA1	GRB7	RTM4	
4	GRB7	CHBP	IFNA1	LOC13349	GAS1	EGF2	
5	NER			135946	at	CT10178	ADIRF2
6				MYO2A	IFIT2	FLJ2529	
7				HLA-DQA1	BDNF		
8				C14orf1	AGMAT5		
9				CTH			
10				C14orf1			
11				LOC103345			
12				TOMM24			
13				UAP1L1			
14				GSTT1			
15				HBA3L3			
16				GRIA3			
17				WDR41			
18				UTS2			
19				PRSS1			

Table 1. Canonical pathways and representative genes enriched in individual SOM clusters.

Cluster	Pathway	Representative Genes
1	IL-1 signaling pathway	IL1A, IL1B, IL1RN, IL1RI, IL1RII, IL1RAC1, IL1RAC2, IL1RAC3, IL1RAC4, IL1RAC5, IL1RAC6, IL1RAC7, IL1RAC8, IL1RAC9, IL1RAC10, IL1RAC11, IL1RAC12, IL1RAC13, IL1RAC14, IL1RAC15, IL1RAC16, IL1RAC17, IL1RAC18, IL1RAC19, IL1RAC20, IL1RAC21, IL1RAC22, IL1RAC23, IL1RAC24, IL1RAC25, IL1RAC26, IL1RAC27, IL1RAC28, IL1RAC29, IL1RAC30, IL1RAC31, IL1RAC32, IL1RAC33, IL1RAC34, IL1RAC35, IL1RAC36, IL1RAC37, IL1RAC38, IL1RAC39, IL1RAC40, IL1RAC41, IL1RAC42, IL1RAC43, IL1RAC44, IL1RAC45, IL1RAC46, IL1RAC47, IL1RAC48, IL1RAC49, IL1RAC50, IL1RAC51, IL1RAC52, IL1RAC53, IL1RAC54, IL1RAC55, IL1RAC56, IL1RAC57, IL1RAC58, IL1RAC59, IL1RAC60, IL1RAC61, IL1RAC62, IL1RAC63, IL1RAC64, IL1RAC65, IL1RAC66, IL1RAC67, IL1RAC68, IL1RAC69, IL1RAC70, IL1RAC71, IL1RAC72, IL1RAC73, IL1RAC74, IL1RAC75, IL1RAC76, IL1RAC77, IL1RAC78, IL1RAC79, IL1RAC80, IL1RAC81, IL1RAC82, IL1RAC83, IL1RAC84, IL1RAC85, IL1RAC86, IL1RAC87, IL1RAC88, IL1RAC89, IL1RAC90, IL1RAC91, IL1RAC92, IL1RAC93, IL1RAC94, IL1RAC95, IL1RAC96, IL1RAC97, IL1RAC98, IL1RAC99, IL1RAC100

