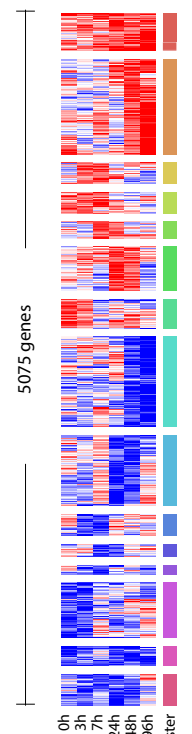


Step 1, Stage I.I

Weight-loss
correlation matrix



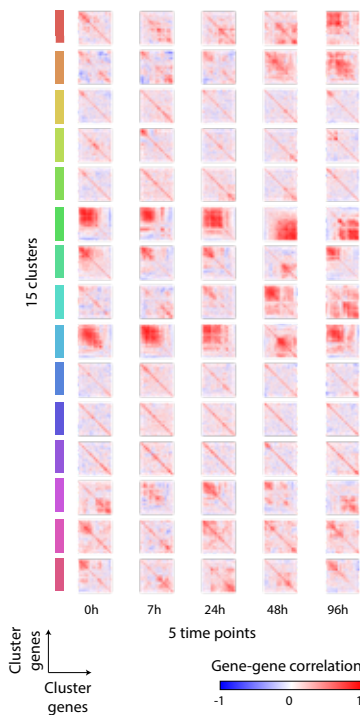
Time points p.i.

Gene-to-weight-loss correlation

-0.4 0 0.4

Step 1, Stage I.II

Gene-Gene
correlation matrices



Cluster genes

Cluster genes

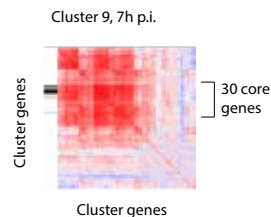
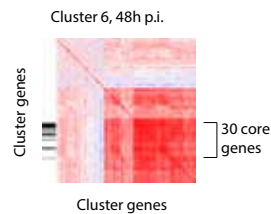
5 time points

Gene-gene correlation

-1 0 1

Step 1, Stage I.III

Examples of core genes:



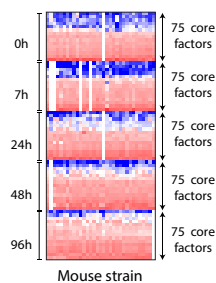
Core gene

Gene-gene correlation

-1 0 1

Step 1 - Stage I.IV

The core-values matrix

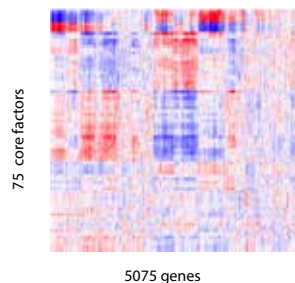


Core value

Neg 0 Pos

Step 1 - Stage II

The core- centered co-expression matrix



Gene-core correlation

-1 0 1

Step 2- Dimension reduction

The gene map

