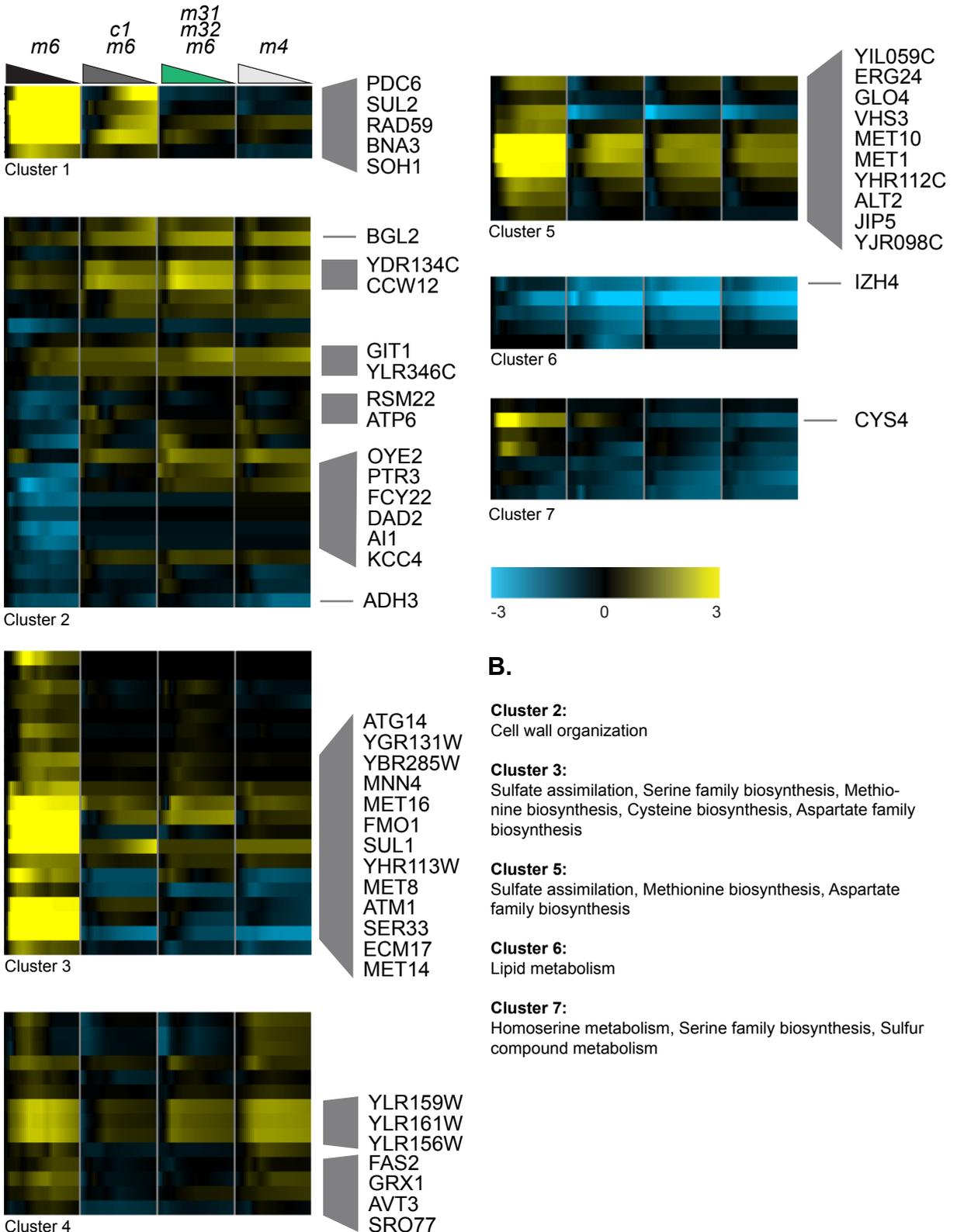


A.**B.****Cluster 2:**

Cell wall organization

Cluster 3:

Sulfate assimilation, Serine family biosynthesis, Methionine biosynthesis, Cysteine biosynthesis, Aspartate family biosynthesis

Cluster 5:

Sulfate assimilation, Methionine biosynthesis, Aspartate family biosynthesis

Cluster 6:

Lipid metabolism

Cluster 7:

Homoserine metabolism, Serine family biosynthesis, Sulfur compound metabolism