Legend:
- ▲ Prior_based_cluster1
- ● Striated Muscle Contraction
- ● GPCRs, Class B Secretin-like
- ● Diurnally regulated genes with circadian orthologs
- ● Vascular smooth muscle contraction
- ▲ Prior_based_cluster2
- ● ABC transporters
- ● Metabolic pathways
- ● Protein export
- ● Peroxisome
- ▲ Prior_based_cluster3
- ● Complement and coagulation cascades
- ● Complement Activation, Classical Pathway
- ● Blood Clotting Cascade
- ▲ Prior_based_cluster4
- ● Protein processing in endoplasmic reticulum
- ● Antigen processing and presentation
- ● Primary immunodeficiency
- ▲ Prior_based_cluster5
- ● purine nucleotides <i>de novo</i> biosynthesis II
- ● adenosine nucleotides degradation II
- ● purine nucleotides degradation II (aerobic)
- ● urate biosynthesis/inosine 5'-phosphate degradation
- ▲ Prior_based_cluster6
- ● Cholesterol Biosynthesis
- ▲ Prior_based_cluster7
- ● Bile secretion
- ▲ Prior_based_cluster8
- ● Prion diseases
- ● Matrix Metalloproteinases
- ● Hypertrophic cardiomyopathy (HCM)
- ▲ Prior_based_cluster9
- ● Osteoclast differentiation
- ● Proteasome
- ● Cell cycle
- ● Ubiquitin mediated proteolysis
- ▲ Prior_based_cluster10
- ● ECM-receptor interaction
- ● phosphatidylglycerol biosynthesis II (non-plastidic)
- ● CDP-diacylglycerol biosynthesis I
- ● triacylglycerol biosynthesis

Axis labels: PC1(29.1%), PC2(15.5%), PC3(11.3%)