Expression of lipid metabolism genes Control 2 Cooling + Acidification Cooling Acidification Warming + Acidification Warming treatment Steroid metabolism, Cell Lipid bilayer Fatty acid. Fatty acid Lipid nervous system membrane digestion of membrane. triglyceride, synthesis, mitochondrial signaling & triglyceride and vitamin D Clusters 6.7.8 Clusters 4.11 growth metabolism metabolism membrane Clusters 2,3 Cluster 1 Clusters 9.10 Cluster 5