SUMO E3 ligases SUMOylate target proteins -Post-translational protein modification -Deubiquitination -Metabolism of proteins -Metabolism -SUMOylation of transcription cofactors -Regulation of insulin secretion -PPARA activates gene expression -Metabolism of lipids -Transport to the Golgi and subsequent modification -Asparagine N-linked glycosylation -Neddylation -SUMOylation of DNA damage response and repair proteins -Regulation of cholesterol biosynthesis by SREBP -Metabolism of steroids -Peptide hormone metabolism tion of Insulin-like Growth Factor transport and uptake by Insulin-like Growth Factor Binding Proteins -Association of TriC CCT with target proteins during biosynthesis -Glycosaminoglycan metabolism -Synthesis of IP3 and IP4 in the cytosol -PI Metabolism -Metabolism of carbohydrates -Chaperonin-mediated protein folding -Eukaryotic Translation Elongation seurat clust