t-SNE Projection of Most Chemically Similar Superfamilies 75 50 25 0 -25 -50 **-**75 _75 -50 -25 25 50 . 75 100 0 t-SNE 1 Cluster # Superfamily GI Alpha 1, domain 2-like Lyase 2-enoyl-coa Hydratase, Chain A, domain 2 11 Single alpha-helices involved in coiled-coils or other helix-helix interfaces 2 Fatty acid synthase; domain 2 Nitrogenase Molybdenum-iron Protein, subunit B; domain 4