t-SNE Projection of Most Chemically Dissimilar Superfamilies 75 50 25 0 -25 -50 **-**75 _75 _50 -25 25 50 . 75 100 Ó t-SNE 1 Superfamily Copper amine oxidase, catalytic domain main proteinase (3clpro) structure, domain 3 **Ferritin** Cytochrome c oxidase-like, subunit I domain Ribonucleotide Reductase, subunit A Cluster # 12 13 11 2