Heatmap of the posterior similarity matrix for the yeast data organelle Cytosol 0.8 ER Golgi 0.6 Histone Mitochondrion 0.4 Nucleus Phenotype 1 Phenotype 10 0.2 Phenotype 2 Phenotype 3 Phenotype 4 Phenotype 5 Phenotype 6 Phenotype 7 Phenotype 8 Phenotype 9 Plasma membrane Proteasome catalytic Proteasome regulator Ribosome V ATPase Vacuole organelle