Heatmap of the posterior similarity matrix for the MOCK fibroblast data organelle Cytosol 0.8 Dense cytosol ER 0.6 Golgi Lysosome 0.4 Mitochondria Nucleus Peroxisome 0.2 Phenotype 1 Phenotype 10 Phenotype 2 Phenotype 3 Phenotype 4 Phenotype 5 Phenotype 6 Phenotype 7 Phenotype 8 Phenotype 9 Plasma membrane organelle