Phage E genes Actinobacteria **Bacteroidetes** Balneolaeota Chlamydiae Chlorobi Chloroflexi Elusimicrobia %ID 100 50 order Actinobacteria homoog taxa Alphaproteobacteria Balneolia Betaproteobacteria Caudovirales Proteobacteria Chitinophagia Chlamydiia Cytophagia Dehalococcoidia delta/epsilon subdivisions Deltaproteobacteria Flavobacteriia Gammaproteobacteria Oligoflexia unclassified Chlorobi unclassified Chloroflexi unclassified Elusimicrobia Uroviricota