**Supplemental Figure S7 | Classification accuracy on two mock metagenomics communities.** Genus-level classification sensitivity and precision for two real datasets. The multiple series represent different choices of parameters in each program. For taxMaps, 6 values of maximum edit distance (*-e* parameter), ranging from the default 0.20 to 0.10 were explored. For BLASTN and MegaBLAST, the percentages indicated by each series reflect the distance from the best hit for a BLAST hit to be considered in the LCA calculation. For Kraken and Centrifuge, 4 different values of *k*-mer size (*k*) and *min-hitlen* (*mhl*) were explored, respectively.