Tree scale: 1 Outgroup , - - - - - GCA 902728235 1 LCC4 PacBio genomic.faa.hmm-results - GCF 000025905 1 ASM2590v1 genomic.faa.hmm-results - GCF 003185655 1 ASM318565v1 genomic.faa.hmm-results MM GCA 007692545 1 ASM769254v1 sodalakeV2 genomic.faa.hmm-results -GCA 013215165 1 ASM1321516v1 genomic.faa.hmm-results MM VK Bin 81.faa.hmm-results GCF 014230085 1 ASM1423008v1 genomic.faa.hmm-results GCF 014651635 1 ASM1465163v1 genomic.faa.hmm-results MM VK Bin 64.faa.hmm-results MM AF Super Day4 Bin 8.faa.hmm-results MM AF BM Day8 Bin 4.faa.hmm-results MM AF Super Day6 Bin 11.faa.hmm-results MM VK Bin 83.faa.hmm-results GCA 014529675 2 ASM1452967v2 genomic.faa.hmm-results opitutales genome3.faa.hmm-results GCA 003558065 1 ASM355806v1 genomic.faa.hmm-results GCA 007130045 1 ASM713004v1 genomic.faa.hmm-results GCA 007132315 1 ASM713231v1 genomic.faa.hmm-results MM VK Bin 42.faa.hmm-results MM AF coassembly bin 52.faa.hmm-results MM PBR bin07A genomic.faa.hmm-results MM VK Bin 48.faa.hmm-results MM PBR bin56 genomic.faa.hmm-results GCA 018700525 1 ASM1870052v1 genomic.faa.hmm-results GCF 016595505 1 ASM1659550v1 genomic.faa.hmm-results GCF 014230145 1 ASM1423014v1 genomic.faa.hmm-results GCF 014803405 1 ASM1480340v1 genomic.faa.hmm-results MM GCA 007695295 1 ASM769529v1 sodalakeV1 genomic.faa.hmm-results GCA 014879845 1 ASM1487984v1 genomic.faa.hmm-results GCA 016217545 1 ASM1621754v1 genomic.faa.hmm-results GCF 900104925 1 IMG-taxon 2690315651 genomic.faa.hmm-results GCF 001746835 1 ASM174683v1 genomic.faa.hmm-results GCF 004118375 1 ASM411837v1 genomic.faa.hmm-results GCA 903862595 1 freshwater MAG Loclat bin 15473 genomic.faa.hmm-results GCF 007559335 1 ASM755933v1 genomic.faa.hmm-results GCF 002310495 1 ASM231049v1 genomic.faa.hmm-results GCF 000171235 2 ASM17123v2 genomic.faa.hmm-results GCF 003096195 1 ASM309619v1 genomic.faa.hmm-results GCA 018667915 1 ASM1866791v1 genomic.faa.hmm-results GCF 001580045 1 ASM158004v1 genomic.faa.hmm-results GCF 001580015 1 ASM158001v1 genomic.faa.hmm-results GCA 903890485 1 freshwater MAG VK1 bin 0186 genomic.faa.hmm-results GCA 002304445 1 ASM230444v1 genomic.faa.hmm-results GCA 018239675 1 ASM1823967v1 genomic.faa.hmm-results GCA 016871775 1 JGI 2017-08-21 genomic.faa.hmm-results GCF 000019965 1 ASM1996v1 genomic.faa.hmm-results GCF 003054705 1 ASM305470v1 genomic.faa.hmm-results