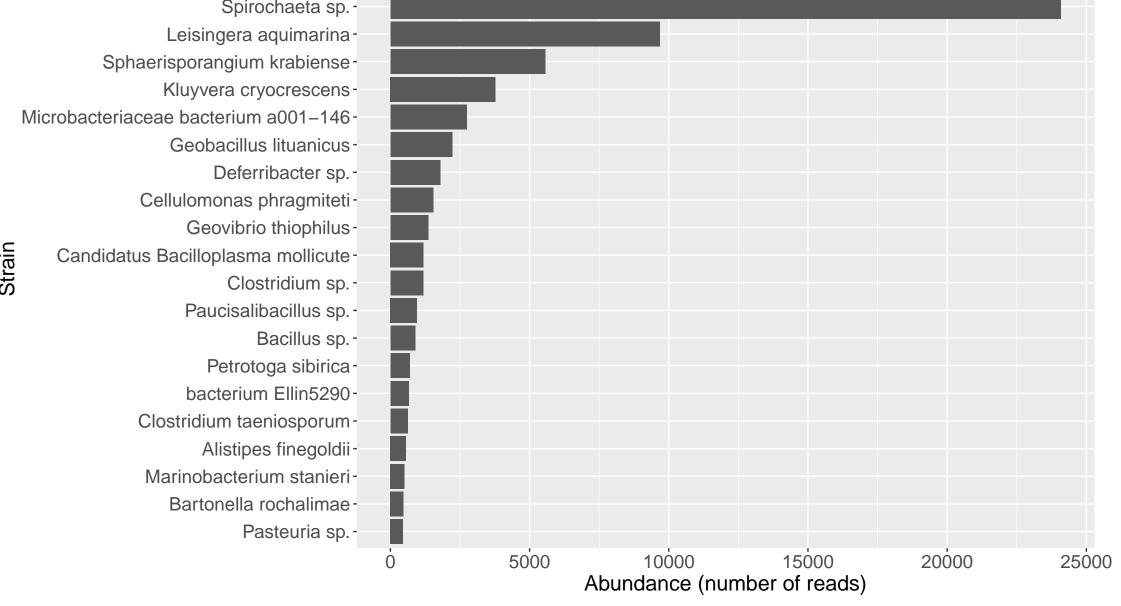
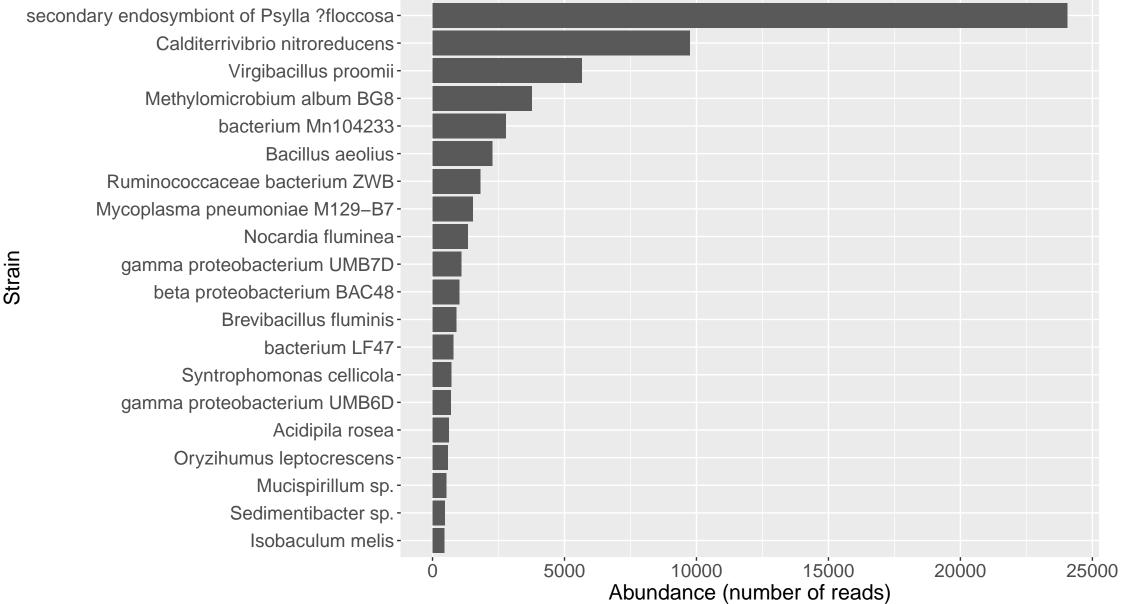
Sample01 Spirochaeta sp.-Leisingera aquimarina-Sphaerisporangium krabiense-Kluyvera cryocrescens-Microbacteriaceae bacterium a001-146-Geobacillus lituanicus -Deferribacter sp. -Cellulomonas phragmiteti-Geovibrio thiophilus -Strain Candidatus Bacilloplasma mollicute-Clostridium sp. -Paucisalibacillus sp. -Bacillus sp. -Petrotoga sibiricabacterium Ellin5290 -Clostridium taeniosporum -Alistipes finegoldii-





Sample03 Candidatus Piscichlamydia salmonis-Deferribacter desulfuricans SSM1-Erysipelothrix rhusiopathiae-Rathayibacter sp. -Rhizobiaceae bacterium KVD-1969-07bacterium SOSP1-1-Marinactinospora thermotolerans-Candidatus Chlorothrix halophila-Algoriphagus ornithinivorans-Strain Kofleria flavabacterium enrichment culture clone 12631 -Bradyrhizobium japonicum SEMIA 5079-Candidatus Clostridium anorexicamassiliense AP5-Brooklawnia cerclaebacterium S27(2013) -Thermodesulfovibrio islandicus-Peptostreptococcaceae bacterium canine oral taxon 303-Natronoanaerobium aggerbacterium-Erwinia amylovora CFBP1430-Petrotoga sibirica-20000 5000 10000 15000 25000 Abundance (number of reads)

Sample04 Natronoanaerobium aggerbacterium-Roseibacillus ishigakijimensis-Flavobacteriaceae bacterium ZBGKL12-Gemella haemolysans-Chromohalobacter salexigens-Rhodobacteraceae bacterium HTCC2083human gut metagenome-Micromonosporaceae bacterium 232047 -Lentisphaera marina-Strain Thermodesulfovibrio islandicus-Corynebacterium testudinoris unidentified rumen bacterium RFN2-Filobacillus sp. -Escherichia coli SWW33-Virgibacillus proomii-Hirschia balticaanammox bacterium enrichment culture clone Udec-4-Asaia lannensis-Alteromonas sp. bacterium RA2114-10000 5000 20000 15000 25000 Abundance (number of reads)

Sample05 rumen bacterium RC-2-Thermodesulfatator atlanticus -Clostridiaceae bacterium Aso3-CS340-Eubacterium brachy ATCC 33089-Snowella litoralis 0tu35s07bacterium enrichment culture clone ecb25-Curtobacterium flaccumfaciens pv. basellae-Paenibacillus sp. -Chromatiaceae bacterium MTWDM004 -Strain Rubrobacter xylanophilus -Salinicoccus kekensis-Dickeya chrysanthemi-Planctomycetes bacterium SCGC AAA282-C19-Ureaplasma parvum serovar 6 str. ATCC 27818bacterium enrichment culture clone heteroA56_4W-Chondromyces sp. bacterium EA10-69wastewater metagenome-Calothrix desertica PCC 7102-Luteolibacter yonseiensis-10000 0 5000 15000 20000 25000 Abundance (number of reads)

