F0, N=125
Taxa, N=123
Segatella copri
Coprococcus hominis ex Arizal et
Bacteroides uniformis
Bacteroides ovatus
uncultured Selenomonadales bac
Sellimonas intestinalis
Ruminococcoides intestinale
Blautia faecis
Bacteroides eggerthii
Roseburia faecis
Ruminococcus sp CAG 254
uncultured Oscillospiraceae bacte
Gallintestinimicrobium propionicu
Blautia fusiformis
Adlercreutzia rubneri
Klebsiella pneumoniae
Candidatus Cibiobacter qucibialis
Oscillibacter sp MSJ 31
Hominicoprocola fusiformis
Phocaeicola dorei
Waltera intestinalis
Hominilimicola fabiformis
Ruminococcus sp AM36 2AA
uncultured Collinsella sp
Clostridium sp AM49 4BH
Blautia intestinihominis
Bacteroidales bacterium
Gemmiger formicilis
Faecalibacterium sp CAG 74
Faecalibacterium taiwanense
Candidatus Parasutterella galliste
Neglectibacter timonensis
uncultured Clostridium sp
Phocaeicola plebeius
Maccoyibacter intestinihominis
Faecalibacterium duncaniae
Clostridiales bacterium
Lachnospira rogosae ex Hitch et
Eubacterium segne
Vescimonas coprocola
Hominenteromicrobium mulieris
Clostridium fessum
Pilosibacter fragilis
Agathobaculum hominis
Coprococcus intestinihominis
Dorea formicigenerans
Oscillospiraceae bacterium
Faecalibacterium prausnitzii
Anthropogastromicrobium aceti
Lachnospiraceae bacterium GAM
Mesosutterella multiformis
Fusicatenibacter faecihominis
Blautia faecicola
Ruminococcus sp UNK MGS 30
uncultured Porphyromonadaceae
Firmicutes bacterium CAG 176
Evtepia gabavorous
Alistipes communis
Clostridium sp AM22 11AC
Lachnospiraceae bacterium
Oscillibacter sp CAG 241
Faecalibacillus intestinalis
Brotaphodocola catenula
Firmicutes bacterium OM04 13BH
Ruminococcus intestinalis
Anaerobutyricum hallii
Bacteroides sp CAG 443
Mediterranea massiliensis
Oliverpabstia intestinalis
Coprococcus ammoniilyticus
Anaerotruncus sp
Eubacterium ventriosum
Faecalibacillus faecis
Dorea sp CAG 317
Clostridium sp AF37 5
Butyrivibrio sp CAG 318
uncultured Bacteroides sp
Bacteroides sp CAG 545
Butyribacter intestini
Roseburia amylophila
Holdemanella sp MSK 7 32
Coprococcus aceti
uncultured Coriobacteriaceae bac
Candidatus Aphodomorpha intest
uncultured Ruminococcus sp
Candidatus Aphodovivens avicola
bacterium
uncultured Eggerthella sp
uncultured Clostridia bacterium
Coprococcus eutactus
uncultured Eubacteriales bacteriu
Clostridium sp 27_14
Slackia isoflavoniconvertens
Clostridium sp CAG 138
uncultured Dialister sp
uncultured Mollicutes bacterium
Firmicutes bacterium CAG 341
Clostridium sp CAG 417
uncultured Mycoplasmatota bacte
Eggerthella sp CAG 298
Dialister sp CAG 486
Candidatus Fusicatenibacter intes
Clostridium sp
Clostridium sp CAG 302
Megasphaera massiliensis
Clostridium sp CAG 343
Clostridium sp CAG 245
Clostridium sp CAG 567
Eubacterium sp CAG 180
Pseudoruminococcus massiliensis
Lachnospira pectinoschiza
Agathobaculum butyriciproducens
Eggerthella sp CAG 209
Hominimerdicola aceti
Clostridium saudiense
Anaerostipes amylophilus
Akkermansia massiliensis
Hominisplanchenecus faecis
Lachnospira eligens
Romboutsia timonensis
Dorea longicatena
Fusicatenibacter saccharivorans
Prevotella sp
Donor
Dsex
Msex
Week
Tissue
Reads
Lengh
Quality
N50
Relative abundance, capped at 0.1
0
0.05
0.1
Donor
F0 F2 M4 F6 F8 OMM12
F1 F3 M5 F7 F9
Donor sex
Male
Female
Mouse sex
Male Donor
Female OMM12
Week
Donor 2 4 8
1 3 6
Tissue
Colon Ileum Donor1 OMM12
Fecal Cecum Donor2
Reads, log10
4 5 6 7
Lengh, median
0 500 1000 1500 2000 2500
Quality, median
19 20 21 22 23 24
Read N50
0 2000 4000 6000 8000