F7, N=111
Taxa, N=123
Akkermansia massiliensis
Blautia faecis
Bacteroides ovatus
Bacteroides uniformis
Sellimonas intestinalis
Ruminococcoides intestinale
Ruminococcus sp CAG 254
Anthropogastromicrobium aceti
Evtepia gabavorous
Candidatus Cibiobacter qucibialis
Fusicatenibacter saccharivorans
Roseburia faecis
Blautia fusiformis
Phocaeicola dorei
Clostridium sp
Adlercreutzia rubneri
Faecalibacillus faecis
Anaerostipes amylophilus
Clostridium sp CAG 343
Gemmiger formicilis
Eubacterium sp CAG 180
uncultured Coriobacteriaceae bac
Eubacterium ventriosum
Hominilimicola fabiformis
Neglectibacter timonensis
Agathobaculum hominis
uncultured Collinsella sp
Hominenteromicrobium mulieris
Faecalibacterium prausnitzii
Bacteroides eggerthii
Hominicoprocola fusiformis
Alistipes communis
Hominisplanchenecus faecis
Coprococcus intestinihominis
Blautia intestinihominis
Klebsiella pneumoniae
Agathobaculum butyriciproducens
Ruminococcus sp AM36 2AA
Faecalibacterium taiwanense
Oliverpabstia intestinalis
Pilosibacter fragilis
Anaerobutyricum hallii
Ruminococcus sp UNK MGS 30
Clostridium sp AM22 11AC
Bacteroidales bacterium
uncultured Mollicutes bacterium
Faecalibacillus intestinalis
Waltera intestinalis
Maccoyibacter intestinihominis
Fusicatenibacter faecihominis
Phocaeicola plebeius
Lachnospiraceae bacterium GAM
Blautia faecicola
Firmicutes bacterium OM04 13BH
uncultured Clostridium sp
Coprococcus eutactus
Vescimonas coprocola
uncultured Eubacteriales bacteriu
Oscillibacter sp MSJ 31
Eggerthella sp CAG 298
Dorea sp CAG 317
uncultured Porphyromonadaceae
Oscillibacter sp CAG 241
Coprococcus hominis ex Arizal et
Ruminococcus intestinalis
Holdemanella sp MSK 7 32
uncultured Oscillospiraceae bacte
Butyribacter intestini
Lachnospiraceae bacterium
Brotaphodocola catenula
Firmicutes bacterium CAG 176
Anaerotruncus sp
Candidatus Fusicatenibacter intes
Bacteroides sp CAG 443
Segatella copri
Faecalibacterium sp CAG 74
Eubacterium segne
uncultured Ruminococcus sp
Candidatus Aphodomorpha intest
Pseudoruminococcus massiliensis
Clostridium sp 27_14
Butyrivibrio sp CAG 318
uncultured Clostridia bacterium
bacterium
Lachnospira rogosae ex Hitch et
Firmicutes bacterium CAG 341
uncultured Eggerthella sp
Candidatus Parasutterella galliste
Clostridium sp CAG 138
Bacteroides sp CAG 545
Megasphaera massiliensis
Mesosutterella multiformis
Clostridium sp CAG 567
uncultured Mycoplasmatota bacte
Clostridium sp CAG 302
uncultured Dialister sp
Slackia isoflavoniconvertens
Candidatus Aphodovivens avicola
uncultured Selenomonadales bac
Dialister sp CAG 486
Oscillospiraceae bacterium
Lachnospira eligens
Coprococcus ammoniilyticus
Clostridium fessum
Dorea formicigenerans
Clostridium sp AF37 5
Clostridium sp CAG 245
Clostridium sp CAG 417
Clostridium saudiense
Faecalibacterium duncaniae
Eggerthella sp CAG 209
Romboutsia timonensis
Roseburia amylophila
Gallintestinimicrobium propionicu
Dorea longicatena
Mediterranea massiliensis
Prevotella sp
Clostridiales bacterium
uncultured Bacteroides sp
Clostridium sp AM49 4BH
Lachnospira pectinoschiza
Coprococcus aceti
Hominimerdicola aceti
Donor
Dsex
Msex
Week
Tissue
Reads
Lengh
Quality
N50
Relative abundance, capped at 0.5
0 0.2 0.4 0.6
Donor
F0 F2 M4 F6 F8 OMM12
F1 F3 M5 F7 F9
Donor sex
Male
Female
Mouse sex
Male
Female
Donor
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
0 200 400 600 800 1000
Quality, median
20 22 24 26
Read N50
0 5000 10000