F1, N=120
Taxa, N=123
Bacteroides ovatus
Bacteroides uniformis
Blautia faecis
Sellimonas intestinalis
Fusicatenibacter saccharivorans
Ruminococcoides intestinale
Candidatus Parasutterella galliste
Anthropogastromicrobium aceti
Phocaeicola dorei
Evtepia gabavorous
Candidatus Cibiobacter qucibialis
uncultured Clostridium sp
Blautia fusiformis
Phocaeicola plebeius
Bacteroides eggerthii
uncultured Eubacteriales bacteriu
Adlercreutzia rubneri
Faecalibacillus faecis
uncultured Collinsella sp
Blautia intestinihominis
Coprococcus intestinihominis
Pilosibacter fragilis
Hominilimicola fabiformis
Gemmiger formicilis
Hominicoprocola fusiformis
Alistipes communis
Waltera intestinalis
Ruminococcus sp UNK MGS 30
Anaerobutyricum hallii
Ruminococcus sp AM36 2AA
Akkermansia massiliensis
Faecalibacillus intestinalis
Oliverpabstia intestinalis
Agathobaculum hominis
Faecalibacterium duncaniae
Brotaphodocola catenula
Oscillospiraceae bacterium
Anaerostipes amylophilus
Coprococcus eutactus
Dorea formicigenerans
Hominimerdicola aceti
Fusicatenibacter faecihominis
Lachnospiraceae bacterium GAM
Coprococcus ammoniilyticus
Hominisplanchenecus faecis
Roseburia amylophila
Bacteroidales bacterium
Faecalibacterium taiwanense
Vescimonas coprocola
Hominenteromicrobium mulieris
Lachnospira eligens
Blautia faecicola
Ruminococcus intestinalis
Oscillibacter sp CAG 241
Dorea sp CAG 317
Clostridiales bacterium
uncultured Eggerthella sp
uncultured Oscillospiraceae bacte
Holdemanella sp MSK 7 32
Mediterranea massiliensis
Clostridium sp CAG 343
Anaerotruncus sp
Pseudoruminococcus massiliensis
Candidatus Aphodovivens avicola
Lachnospiraceae bacterium
Eubacterium sp CAG 180
Candidatus Fusicatenibacter intes
Coprococcus hominis ex Arizal et
Romboutsia timonensis
Eubacterium segne
Candidatus Aphodomorpha intest
uncultured Bacteroides sp
Dialister sp CAG 486
Butyrivibrio sp CAG 318
bacterium
Slackia isoflavoniconvertens
Clostridium sp 27_14
Ruminococcus sp CAG 254
uncultured Selenomonadales bac
Bacteroides sp CAG 545
uncultured Dialister sp
Clostridium sp CAG 138
Eggerthella sp CAG 209
Firmicutes bacterium CAG 341
Mesosutterella multiformis
uncultured Clostridia bacterium
Clostridium sp CAG 417
Clostridium sp CAG 302
Clostridium sp CAG 567
Megasphaera massiliensis
uncultured Mollicutes bacterium
uncultured Mycoplasmatota bacte
Clostridium sp CAG 245
Coprococcus aceti
Faecalibacterium sp CAG 74
Clostridium sp AM49 4BH
Clostridium saudiense
Eggerthella sp CAG 298
Agathobaculum butyriciproducens
Maccoyibacter intestinihominis
Firmicutes bacterium OM04 13BH
Lachnospira pectinoschiza
Neglectibacter timonensis
Eubacterium ventriosum
Bacteroides sp CAG 443
Gallintestinimicrobium propionicu
Oscillibacter sp MSJ 31
uncultured Coriobacteriaceae bac
Prevotella sp
Clostridium fessum
Dorea longicatena
Clostridium sp AM22 11AC
Faecalibacterium prausnitzii
Lachnospira rogosae ex Hitch et
Roseburia faecis
Clostridium sp AF37 5
Firmicutes bacterium CAG 176
uncultured Porphyromonadaceae
uncultured Ruminococcus sp
Clostridium sp
Butyribacter intestini
Klebsiella pneumoniae
Segatella copri
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
3 4 5 6 7
Lengh, median
0 1000 2000 3000
Quality, median
21 22 23 24
Read N50
0 2000 4000 6000 8000