SER-401 Active-C1D8 Network centrality and communities 2 3 LKT_f__Ruminococcaceae-LKT_f__Clostridia_unclassified-Bittarella_massiliensis-Clostridia bacterium LKT_f_Clostridiaceae Clostridium_phoceensis-Clostridiaceae_bacterium LKT_f__Marinilabiliaceae LKT_f__Erysipelotrichaceae Anaerotruncus colihominis-Anaerotruncus_massiliensis-Alistipes_putredinis Clostridia unclassified SGB6317-Lachnospiraceae_bacterium Bacteroides_uniformis-Christensenellaceae_bacterium-Blautia_SGB4805-Clostridia_bacterium_12CBH8 Blautia_faecis -Anaerobutyricum_hallii Clostridia_bacterium_UC5_1_1D1 Candidatus_Avimicrobium_caecorum-Candidatus_Neoruminococcus_faecicola-Blautia_wexlerae Bacteroides_thetaiotaomicron-Blautia_sp_MSK_21_1 Clostridium_leptum Blautia caecimuris Clostridiaceae_bacterium_OM08_6BH-Enterocloster_asparagiformis Alistipes_finegoldii -Eggerthella_lenta-Clostridiaceae_bacterium_NSJ_31 Intestinimonas_butyriciproducens Clostridia bacterium UC5 1 1E11 Enterocloster_aldensis Clostridiales_bacterium_NSJ_40 Evtepia_gabavorous Blautia SGB4815 Faecalibacterium_prausnitzii Candidatus_Avimonas_narfia-Akkermansia_muciniphila Anaerostipes_hadrus Clostridium_sp_AT4 Coprococcus_eutactus Candidatus_Metaruminococcus_caecorum Clostridium_sp_AF20_17LB Intestinibacter_bartlettii Clostridiaceae_unclassified_SGB4769 Dysosmobacter_welbionis Oscillibacter_sp_PC13 Eubacterium_sp_AF15_50 Clostridium_sp_AM22_11AC Dysosmobacter_sp_NSJ_60 Clostridiales_unclassified_SGB15145 Massilimaliae_massiliensis Firmicutes_bacterium Clostridia_unclassified_SGB14844 Clostridium_sp_AM49_4BH Clostridium_transplantifaecale Eubacterium_siraeum Hungatella_hathewayi Roseburia_hominis Intestinimonas_massiliensis Faecalicatena_contorta Lachnospiraceae_bacterium_NSJ_29 Dorea_formicigenerans -Faecalicatena_fissicatena Parasutterella_excrementihominis Ruminococcus_bicirculans -Veillonella_parvula-Eisenbergiella_tayi-Fusicatenibacter_saccharivorans Turicibacter_sanguinis Gemmiger_SGB15299 Flavonifractor plautii Streptococcus_thermophilus Streptococcus_salivarius Escherichia_coli Ruminococcus_torques Streptococcus_parasanguinis -Ruminococcaceae bacterium Lachnoclostridium_edouardi Ruminococcus_gnavus-Phocea_massiliensis Enterocloster_bolteae Parabacteroides_distasonis Ruminococcaceae_unclassified SGB15265 Haemophilus_parainfluenzae Erysipelotrichaceae_bacterium_3_1_53 Roseburia_faecis Eubacterium_ramulus Neglecta_timonensis Pseudoruminococcus_massiliensis Erysipelatoclostridium_ramosum Lawsonibacter_sp_NSJ_51 Clostridium_SGB6179 Ruminococcaceae_unclassified_SGB15236 Lachnospira_eligens Clostridia_unclassified_SGB4121 Roseburia_inulinivorans Candidatus_Borkfalkia_ceftriaxoniphila-Alistipes_shahii Massilimaliae_timonensis Blautia_stercoris-Alistipes_senegalensis -4 5 6 LKT_f__Eggerthellaceae-LKT_f__Lachnospiraceae-Bilophila_wadsworthia-Blautia_sp_OF03_15BH-LKT_p__Firmicutes -Agathobaculum_butyriciproducens-Alistipes_onderdonkii-Coprobacillus_cateniformis-Alistipes_indistinctus -Adlercreutzia_equolifaciens Butyricimonas_paravirosa-Clostridium fessum -Blautia_producta -Coprococcus_comes + Candidatus_Cibiobacter_qucibialis -Clostridium_sp_AF34_10BH-Lachnospira_SGB5077 -Dorea_sp_AF36_15AT Alistipes_communis -Clostridium_innocuum -Clostridiales bacterium KLE1615-Dorea_longicatena -Clostridia_unclassified_SGB66170-Clostridium_sp_AF27_2AA+ Anaerotruncus_rubiinfantis-Holdemania_sp_Marseille_P2844 Lacrimispora_amygdalina-Clostridium_sp_NSJ_42-Odoribacter_splanchnicus-Parabacteroides_merdae Candidatus_Schneewindia_gallinarum-Dielma_fastidiosa-Eubacterium_rectale-Blautia_obeum -Enterocloster_citroniae Bacteroides_ovatus-Oscillospiraceae_bacterium_NSJ_64 Eubacterium_ventriosum Intestinimonas_gabonensis-Lachnospiraceae_bacterium_NSJ_38-Firmicutes_bacterium_AF16_15-Eisenbergiella_massiliensis+ Romboutsia_timonensis-Clostridiales_bacterium -Victivallis_vadensis-Lacrimispora_celerecrescens -Ruminococcus_bromii-Ruthenibacterium_lactatiformans-Streptococcus_mutans+ Ruminococcaceae_unclassified_SGB15234-Roseburia_intestinalis-Methanobrevibacter_smithii Holdemania_filiformis-Flavonifractor_sp_An100-Clostridium_sp_AF36_4 0.000 0.025 0.075 0.050 0.000 0.075 0.050 0.075 0.050 0.025 0.000 0.025 Page Rank centrality