

Column1	P value	FDR-adjusted P	Cdtb mutant WT Cj	taxonomy
OTU_199403	0.00091005	0.003103502	0	2.39321013 p_Actinobacteria;c_Coriobacteria;o_Coriobacteriales;f_Coriobacteriaceae;g_Adlercreutzia;s_
OTU_23151C	0.001517886	0.005046972	0	2.03396985 p_Actinobacteria;c_Coriobacteria;o_Coriobacteriales;f_Coriobacteriaceae;g_Adlercreutzia;s_
OTU_267045	5.78876E-05	0.000493133	0	2.85983888 p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_Bacteroidaceae;g_Bacteroides;NA
OTU_26041C	1.34497E-05	0.000357761	0	3.41202701 p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_Bacteroidaceae;g_Bacteroides;s_
OTU_339545	1.03747E-05	0.000357761	0	3.4527608 p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_S24-7;g_;
OTU_373445	9.69899E-06	0.000357761	0	1.99407628 p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_S24-7;g_;
OTU_384555	1.29112E-05	0.000357761	0	3.39200171 p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_S24-7;g_;
OTU_416043	7.3578E-06	0.000357761	0	2.9393717 p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_S24-7;g_;
OTU_208405	4.25033E-05	0.000493133	0	2.2857908 p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_S24-7;g_;
OTU_22125C	4.93644E-05	0.000493133	0	2.08264063 p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_S24-7;g_;
OTU_264534	5.83715E-05	0.000493133	0	1.25028225 p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_S24-7;g_;
OTU_277364	3.40054E-05	0.000493133	0	2.57982423 p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_S24-7;g_;
OTU_303491	3.40401E-05	0.000493133	0	2.51702791 p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_S24-7;g_;
OTU_41607E	5.8489E-05	0.000493133	0	2.22118988 p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_S24-7;g_;
OTU_430194	2.82907E-05	0.000493133	0	3.84491742 p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_S24-7;g_;
OTU_445144	3.73341E-05	0.000493133	0	2.81643745 p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_S24-7;g_;
OTU_324013	6.71404E-05	0.000525275	0	2.19996912 p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_S24-7;g_;
OTU_35622E	8.28648E-05	0.000551051	0	2.4167719 p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_S24-7;g_;
OTU_386977	7.72045E-05	0.000551051	0	2.15476019 p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_S24-7;g_;
OTU_206324	0.000101671	0.000643917	0	1.49802952 p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_S24-7;g_;
OTU_270984	0.000152582	0.000922259	0	2.31781917 p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_S24-7;g_;
OTU_35574E	0.000180291	0.000922259	0	2.14755691 p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_S24-7;g_;
OTU_134762	0.000505187	0.002192799	0	1.82336105 p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_S24-7;g_;
OTU_26697E	0.000543425	0.002192799	0	2.74167557 p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_S24-7;g_;
OTU_340873	0.000673363	0.002558778	0	2.43337399 p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_S24-7;g_;
OTU_33172C	0.000790394	0.002831619	0	1.24944319 p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_S24-7;g_;
OTU_206633	0.001980248	0.00598575	0	1.77893848 p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_S24-7;g_;
OTU_344085	0.003102332	0.00877894	0	1.55076107 p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_S24-7;g_;
OTU_269902	0.010793278	0.0239251	0	2.60524064 p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_S24-7;g_;
OTU_19741C	0.015359704	0.031428317	0	2.16181005 p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_S24-7;g_;
OTU_363924	8.1077E-05	0.000551051	0	1.77832769 p_Firmicutes;c_Bacilli;o_Lactobacillales;f_Enterococcaceae;g_;
OTU_335504	2.01522E-05	0.000446708	0	2.41688087 p_Firmicutes;c_Bacilli;o_Lactobacillales;f_Enterococcaceae;g_Enterococcus;NA
OTU_463794	0.00024876	0.001223353	0	3.94437537 p_Firmicutes;c_Bacilli;o_Lactobacillales;f_Lactobacillaceae;g_Lactobacillus;_
OTU_182758	0.00058569	0.002291081	0	2.00417687 p_Firmicutes;c_Bacilli;o_Lactobacillales;f_Lactobacillaceae;g_Lactobacillus;s_
OTU_110702	0.00080853	0.002831619	0	1.79968729 p_Firmicutes;c_Bacilli;o_Lactobacillales;f_Lactobacillaceae;g_Lactobacillus;s_
OTU_259111	0.001893724	0.005857331	0	1.90403024 p_Firmicutes;c_Bacilli;o_Lactobacillales;f_Lactobacillaceae;g_Lactobacillus;s_
OTU_318764	0.002102407	0.00621378	0	2.99855037 p_Firmicutes;c_Bacilli;o_Lactobacillales;f_Lactobacillaceae;g_Turicibacter;s_
OTU_452823	0.014121945	0.029812994	0	1.25966949 p_Firmicutes;c_Bacilli;o_Lactobacillales;f_Lactobacillaceae;g_Lactobacillus;s_
OTU_36849C	0.012812166	0.027484163	2.35149547	0.46377964 p_Firmicutes;c_Bacilli;o_Turicibacterales;f_Turicibacteraceae;g_Turicibacter;s_
OTU_214915	0.021756365	0.04255289	4.59741849	2.69618321 p_Firmicutes;c_Bacilli;o_Turicibacterales;f_Turicibacteraceae;g_Turicibacter;s_
OTU_341322	0.025276584	0.04802551	0.84021136	0 p_Firmicutes;c_Bacilli;o_Turicibacterales;f_Turicibacteraceae;g_Turicibacter;s_
OTU_233817	0.000809034	0.002831619	0	2.1002549 p_Firmicutes;c_Clostridia;o_Clostridiales;f_;
OTU_354957	0.001710658	0.005549206	0	2.82884907 p_Firmicutes;c_Clostridia;o_Clostridiales;f_;
OTU_659831	0.00597571	0.015583713	0	2.67041923 p_Firmicutes;c_Clostridia;o_Clostridiales;f_;
OTU_33627E	0.007368024	0.014889571	0	1.40522547 p_Firmicutes;c_Clostridia;o_Clostridiales;f_;
OTU_274521	0.008859046	0.020671107	0	2.16423939 p_Firmicutes;c_Clostridia;o_Clostridiales;f_;
OTU_347166	0.010757827	0.0239251	0	2.01789499 p_Firmicutes;c_Clostridia;o_Clostridiales;f_;
OTU_25991C	0.012142995	0.02647571	0	2.17415917 p_Firmicutes;c_Clostridia;o_Clostridiales;f_;
OTU_321353	0.026306528	0.049278426	0	2.34555827 p_Firmicutes;c_Clostridia;o_Clostridiales;f_;
OTU_351357	0.01873073	0.037181897	0	1.39559733 p_Firmicutes;c_Clostridia;o_Clostridiales;f_Clostridiaceae;g_SMB53;s_
OTU_326865	0.004934057	0.013671448	2.47892057	1.25966949 p_Firmicutes;c_Clostridia;o_Clostridiales;f_Lachnospiraceae;g_Blautia;s_producta
OTU_369153	0.005261953	0.014282443	1.1109918	0.30448782 p_Firmicutes;c_Clostridia;o_Clostridiales;f_Lachnospiraceae;g_Blautia;s_producta
OTU_550013	0.005620521	0.014950587	3.49613479	2.28311654 p_Firmicutes;c_Clostridia;o_Clostridiales;f_Lachnospiraceae;g_Blautia;s_producta
OTU_554338	0.007519286	0.018519722	2.79208277	1.59311777 p_Firmicutes;c_Clostridia;o_Clostridiales;f_Lachnospiraceae;g_Blautia;s_producta
OTU_696563	0.007817356	0.018903788	1.71602984	0.59270783 p_Firmicutes;c_Clostridia;o_Clostridiales;f_Lachnospiraceae;g_Blautia;s_producta
OTU_84259E	0.00831108	0.019738814	0.95825171	0.2402648 p_Firmicutes;c_Clostridia;o_Clostridiales;f_Lachnospiraceae;g_Blautia;s_producta
OTU_195336	0.009038721	0.020726722	2.24082839	0.91839528 p_Firmicutes;c_Clostridia;o_Clostridiales;f_Lachnospiraceae;g_Blautia;s_producta
OTU_587265	0.014900376	0.030964844	1.23257079	0.39405248 p_Firmicutes;c_Clostridia;o_Clostridiales;f_Lachnospiraceae;g_Blautia;s_producta
OTU_110532	0.024566899	0.047353588	1.14927835	0.41488354 p_Firmicutes;c_Clostridia;o_Clostridiales;f_Lachnospiraceae;g_Blautia;s_producta
OTU_27140E	0.000544078	0.002192799	0	2.88623215 p_Firmicutes;c_Clostridia;o_Clostridiales;f_Lachnospiraceae;g_Dorea;s_
OTU_33584E	0.001831384	0.005799383	0	1.80194561 p_Firmicutes;c_Clostridia;o_Clostridiales;f_Lachnospiraceae;g_Dorea;s_
OTU_318231	0.016003114	0.0322487	0	2.59497093 p_Firmicutes;c_Clostridia;o_Clostridiales;f_Lachnospiraceae;NA;NA
OTU_311961	0.00017232	0.000922259	0	1.95620154 p_Firmicutes;c_Clostridia;o_Clostridiales;f_Ruminococcaceae;g_Anaerotruncus;s_
OTU_260753	0.00017394	0.000922259	0	1.83364056 p_Firmicutes;c_Clostridia;o_Clostridiales;f_Ruminococcaceae;g_Oscillospira;s_
OTU_23265E	0.002913945	0.008425102	0	2.07871242 p_Firmicutes;c_Clostridia;o_Clostridiales;f_Ruminococcaceae;g_Ruminococcus;s_
OTU_27346E	5.93242E-05	0.000493133	0	3.86895665 p_Firmicutes;c_Erysipelotrichi;o_Erysipelotrichales;f_Erysipelotrichaceae;g_Allobaculum;s_
OTU_26232E	0.000169843	0.000922259	0	2.56119439 p_Firmicutes;c_Erysipelotrichi;o_Erysipelotrichales;f_Erysipelotrichaceae;g_Allobaculum;s_
OTU_272334	0.000462995	0.002123393	0	2.03691657 p_Firmicutes;c_Erysipelotrichi;o_Erysipelotrichales;f_Erysipelotrichaceae;g_Allobaculum;s_
OTU_273997	0.00053362	0.002192799	0	1.62926707 p_Firmicutes;c_Erysipelotrichi;o_Erysipelotrichales;f_Erysipelotrichaceae;g_Allobaculum;s_
OTU_262095	0.000257548	0.001223353	0.17183698	3.25498185 p_Firmicutes;c_Erysipelotrichi;o_Erysipelotrichales;f_Erysipelotrichaceae;g_Clostridium;s_cocleatum