

OTU ID	Phylum	Class	Order	Family	Genus	Species	GenBank Acc	Greengenes ID	pvals_good	meanF709OVA+ D011.10+ TR Cell Group	meanF709OVA+O VA /SEB Groups
16	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	unclassified	unclassified	EF096140	191785	0.002641739	3389.6	3064.111111
274	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	unclassified	unclassified	AY984484	126076	0.009322376	3043.4	2372.777778
675	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	unclassified	unclassified	EF096987	194051	0.013637725	1856	435.5555556
2160	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	unclassified	unclassified	EU506487	260705	0.009322376	2054.2	1291.555556
2199	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Dorea	unclassified	EU510853	265754	0.002699796	752.2	298.8888889
2663	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Clostridium	unclassified	AY992468	129526	0.038765574	1554.6	2167.555556
3245	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	unclassified	unclassified	AY992440	135500	0.013637725	2957.8	2028.444444
3297	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	unclassified	unclassified	DQ014740	135329	0.002699796	3205	844
3439	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Lachnospira	unclassified	EF099065	197605	0.004148197	2093.4	692.5555556
3714	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Clostridium	unclassified	EU504190	258283	0.006269685	3028.6	1783.555556
3977	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	unclassified	unclassified	EU655820	282552	0.002699796	2718.6	1440.111111
4314	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	unclassified	unclassified	EU472497	297677	0.002670671	3383.8	2559.777778
4765	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	unclassified	unclassified	EU845293	335032	0.006269685	3346.2	3142
5385	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Blautia	unclassified	EU467221	290412	0.004148197	1279.4	346.2222222
6042	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	unclassified	unclassified	EU510566	277090	0.038765574	1327	817.7777778
6078	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	unclassified	unclassified	DQ014905	131066	0.009167784	1209	128
6111	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Clostridium	unclassified	EU510550	270765	0.027806895	801	1326
6150	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	unclassified	unclassified	EU655796	283186	0.006269685	2653.6	1200.777778
6176	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	unclassified	unclassified	EU506249	268844	0.038765574	3093.4	2437.888889
6295	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	unclassified	unclassified	EF098339	180805	0.006212643	344.8	1944.888889
6360	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	unclassified	unclassified	DQ015311	131283	0.019630657	2851.4	1697.888889
6374	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	unclassified	unclassified	EU508022	269317	0.002699796	2653.6	1479.222222
6664	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	Clostridium	unclassified	DQ824714	179311	0.002699796	3398.6	3062.444444
6798	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	unclassified	unclassified	EU504406	264803	0.019630657	1895	1374.444444
7188	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	unclassified	unclassified	AY990633	129785	0.038765574	3072.4	2189
7277	Firmicutes	Clostridia	Clostridiales	Clostridiales	Clostridium	bolteae	AY990174	134932	0.004148197	3047.6	2225.222222
7357	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	unclassified	unclassified	EU510660	263382	0.002584451	3411.2	3107
7397	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	unclassified	unclassified	DQ015661	137692	0.038765574	1313.8	286.4444444

7438	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	unclassified	unclassified	EU511837	260533	0.00924492	2692.4	1110
9492	Firmicutes	Bacilli	Lactobacillales	Leuconostocaceae	Fructobacillus	unclassified	AY169967	101369	0.019630657	592.2	1139.333333
10166	Firmicutes	Bacilli	Lactobacillales	Lactobacillaceae	Lactobacillus	unclassified	DQ815579	167922	0.038765574	681.4	1657.666667
12530	Bacteroidetes	Flavobacteria	Flavobacteriales	Flavobacteriaceae	Sediminicola	unclassified	EF157264	238644	0.027806895	530.6	1566.333333
12579	Bacteroidetes	Flavobacteria	Flavobacteriales	Flavobacteriaceae	unclassified	unclassified	EU003223	253574	0.019630657	2083	2592.888889
13747	Nitrospirae	Nitrospira	Nitrospirales	29-Apr	unclassified	unclassified	AM943596	261009	0.038765574	1561.6	2184.444444
18934	Proteobacteria	Gammaproteobacteria	Enterobacteriales	Enterobacteriaceae	unclassified_Enterobacteriaceae	unclassified	EF406662	214508	0.013637725	712.6	173.3333333
18995	Proteobacteria	Gammaproteobacteria	Aeromonadales	Aeromonadaceae	Aeromonas	unclassified	DQ303266	143929	0.038551579	1787.8	1035.333333
25419	Proteobacteria	Gammaproteobacteria	Pseudomonadales	Pseudomonadaceae	Pseudomonas	unclassified	EU537183	287223	0.019630657	653	1115.222222
31188	Proteobacteria	Deltaproteobacteria	Myxococcales	0319-6G20	unclassified	unclassified	EU373907	264962	0.027806895	1381.4	1875.111111
31348	Fibrobacteres	Fibrobacteria	P.palm C70	unclassified	unclassified	unclassified	EU283593	278037	0.027806895	2141.8	2681.777778
33236	Firmicutes	Clostridia	Thermoanaerobacterales	SRB2	unclassified	unclassified	AM778006	238092	0.013637725	1314	2051.777778
35118	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Oscillospira	unclassified	EU474940	289731	0.006269685	2636.4	2080.333333
35778	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Oscillibacter	unclassified	EU508276	264785	0.019630657	2480.8	1229.666667
36309	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	unclassified	unclassified	EU622715	279949	0.027806895	2414.2	1521.666667
37223	Firmicutes	Clostridia	Clostridiales	Clostridiaceae	Clostridium	unclassified	AB298753	213289	0.027806895	1317.6	2073.333333
37282	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	unclassified	unclassified	EU459375	303222	0.038765574	1353.6	1735.888889
38557	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	Eubacterium	unclassified	EU006202	236392	0.019496367	2399.2	1037.555556
38593	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	unclassified	unclassified	EF406702	214116	0.006269685	3064.8	1826.111111
38911	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	unclassified	unclassified	EU465630	300458	0.019630657	1037.4	1780.111111
39462	Firmicutes	Clostridia	Clostridiales	Clostridiaceae	Clostridiaceae 1	Clostridium	AF332717	46741	0.019630657	1375	1970.111111
40170	Firmicutes	Erysipelotrichi	Erysipelotrichales	Erysipelotrichaceae	Allobaculum	unclassified	EF099557	194080	0.009322376	2584.4	658.4444444
40775	Firmicutes	Clostridia	Clostridiales	unclassified XIII	Anaerovorax	unclassified	EU344440	277051	0.013637725	831	1199.666667
41007	Firmicutes	Clostridia	Clostridiales	Lachnospiraceae	unclassified	unclassified	EU748342	308321	0.038765574	3049.6	2802.555556
41929	Firmicutes	Erysipelotrichi	Erysipelotrichales	Erysipelotrichaceae	Catenibacterium	unclassified	EU469379	296667	0.013637725	1880.6	934.2222222
42972	Firmicutes	Clostridia	Clostridiales	Ruminococcaceae	unclassified	unclassified	EU470107	299345	0.004148197	1161	2261

45386	Bacteroidetes	Bacteroidia	Bacteroidales	Rikenellaceae	RC9 gut group	unclassified	EU469558	298032	0.013637725	1795.2	2552.333333
45459	Bacteroidetes	Bacteroidia	Bacteroidales	Porphyromonadaceae	Barnesiella	unclassified	EF406544	208409	0.006269685	2244.4	2911.444444
45595	Bacteroidetes	Bacteroidia	Bacteroidales	Porphyromonadaceae	Barnesiella	unclassified	EF098500	194770	0.002699796	1223.4	2546.555556
45602	Bacteroidetes	Bacteroidia	Bacteroidales	Porphyromonadaceae	unclassified_Porphromonadaceae	unclassified	EF406873	208486	0.002699796	272.4	1913.666667
45603	Bacteroidetes	Bacteroidia	Bacteroidales	Rikenellaceae	unclassified	unclassified	EF099607	182382	0.002699796	1572.2	2710.333333
45627	Bacteroidetes	Bacteroidia	Bacteroidales	Rikenellaceae	unclassified	unclassified	AY239412	97151	0.004148197	814.2	1924.888889
45655	Bacteroidetes	Bacteroidia	Bacteroidales	Rikenellaceae	unclassified	unclassified	EU470252	295171	0.038765574	1584	2208
45661	Bacteroidetes	Bacteroidia	Bacteroidales	Rikenellaceae	RC9 gut group	unclassified	EU468670	295780	0.004148197	884.4	1909.111111
45797	Bacteroidetes	Bacteroidia	Bacteroidales	Rikenellaceae	unclassified	unclassified	EF686575	249825	0.019630657	1294	2209.444444
45924	Bacteroidetes	Bacteroidia	Bacteroidales	Rikenellaceae	unclassified	unclassified	EF099074	180126	0.002699796	531.8	1681
45993	Bacteroidetes	Bacteroidia	Bacteroidales	Rikenellaceae	RC9 gut group	unclassified	EU468654	298356	0.019496367	3316.6	3189.444444
46075	Bacteroidetes	Bacteroidia	Bacteroidales	Rikenellaceae	unclassified	unclassified	AY991717	130984	0.019630657	1124.8	2207.666667
46134	Bacteroidetes	Bacteroidia	Bacteroidales	Porphyromonadaceae	Barnesiella	unclassified	EF098889	180729	0.002699796	1183.4	2106.111111
46257	Bacteroidetes	Bacteroidia	Bacteroidales	Rikenellaceae	unclassified	unclassified	AY990511	133135	0.006212643	177.8	1568.555556
46328	Bacteroidetes	Bacteroidia	Bacteroidales	BS11 gut group	unclassified	unclassified	EU469555	302918	0.038765574	2039.4	2529.444444
46370	Bacteroidetes	Bacteroidia	Bacteroidales	Porphyromonadaceae	Barnesiella	unclassified	EF099501	193408	0.013637725	908.4	2039.888889
46403	Bacteroidetes	Bacteroidia	Bacteroidales	Porphyromonadaceae	Candidatus Symbiothrix	unclassified	AB192209	144106	0.013637725	808.8	1915.777778
46591	Bacteroidetes	Bacteroidia	Bacteroidales	Rikenellaceae	unclassified	unclassified	EF603044	227767	0.002670671	468.4	1586.222222
46809	Bacteroidetes	Bacteroidia	Bacteroidales	Rikenellaceae	Alistipes	unclassified	EU510354	270248	0.013534674	3098	3265.888889
47087	Bacteroidetes	Bacteroidia	Bacteroidales	Prevotellaceae	Prevotella	unclassified	EU475110	301251	0.006269685	1108	2044.222222
47145	Bacteroidetes	Bacteroidia	Bacteroidales	Porphyromonadaceae	Parabacteroides	unclassified	EU463133	294104	0.019630657	2030	2509.777778
47818	Bacteroidetes	Bacteroidia	Bacteroidales	Porphyromonadaceae	Porphyromonas	unclassified	EU289079	246308	0.013637725	2318	2888.111111
48650	Bacteroidetes	Bacteroidia	Bacteroidales	S24-7	unclassified	unclassified	EF097666	178662	0.006269685	2051.4	2689.222222
48818	Bacteroidetes	Bacteroidia	Bacteroidales	Porphyromonadaceae	unclassified_Porphromonadaceae	unclassified	EF614751	227615	0.004148197	933.2	1931.555556
49867	Actinobacteria	Actinobacteria	Actinobacteridae	Actinomycetales	Frankineae	unclassified	EF016820	254924	0.038765574	868.2	1624.777778
51115	Proteobacteria	Deltaproteobacteria	Desulfovibrionales	Desulfovibrionaceae	LE30	unclassified	DQ815907	170836	0.027806895	1947	753.555556

52056	Actinobacteria	Actinobacteria	Solirubrobacterales	Conexibacteraceae	unclassified	unclassified	EU132646	243412	0.032705381	1048.4	1530.777778
54287	Proteobacteria	Deltaproteobacteria	Bdellovibrionales	Bacteriovoraceae	Peredibacter	unclassified	AM991200	278094	0.023258499	2300.4	2612.333333
56047	Acidobacteria	Acidobacteria	Acidobacteriales	Acidobacteriaceae	unclassified	unclassified	EU050885	256652	0.027806895	1954	2515
58618	Candidate division OD1	unclassified	unclassified	unclassified	unclassified	unclassified	EU385818	266622	0.038765574	2161.8	2581
59261	Candidate division OD1	unclassified	unclassified	unclassified	unclassified	unclassified	EU385705	265484	0.019630657	1247.8	1986.444444
59281	GN02	GN07	unclassified	unclassified	unclassified	unclassified	DQ234160	144617	0.027806895	833.8	1679.555556