Clinical Trial at Kitasato Institute, Japan

Contents

Summary

Excessive oxidation reaction in living bodies induces sedimentation of blood cells such as erythrocytes and leukocytes on the intima of the blood vessels, contribution to occurrence of arteriosclerosis. The major causes are attributed to activation of vascular endothelial cells and stimulation of platelet agglutination due to lipid peroxides. These are usually caused by excessive intake of lipid, influences of intestinal environment or stresses. The following clinical study was conducted with healthy volunteers using “preB food,” which is classified as a fermented vegetable food, and is recognized to affect the intestinal bacterial flora, which is conducive to controlling the intestinal environment. PreB is a kind of supplemental health food containing over 55 kinds of grains, vegetables, fruits and wild herbs. Hematological and biochemical tests centering on hepatic function assessment were performed before and after the ingestion of the test substance.

Together with molecular biological analyses of the intestinal bacterial flora, and immunological analyses mainly on T cells, the presence or absence of the possible influences of preB on the body was investigated.

The results confirmed that the ingestion of preB does not provide any influences on either hepatic functions or changes in lipid metabolisms. In addition, it indicated that in more than half the volunteer subjects there was a change in the intestinal environment. It suggested that preB would not cause any safety-related problems, and at the same time exhibit positive effects on the intestinal environment.

Introduction

Oxidated substances produced by aging and stresses in the body are involved in the excessive accumulation of hyper-oxidated lipids, hepatic disorders and arteriosclerosis. They also possess the risk of inducing carcinogenicity through DNA damage in the cells. Oxidated substances in the body exist as metabolites, which are derived from the biological defense mechanisms. In addition, however, they accumulate excessively in the body due to westernized dietary habits or stresses, and currently attention has been paid to them as one of the causes of the stimulation of aging along with the above-stated diseases. In this connection, excessive ingestion of lipids is responsible for the onset of lifestyle-related diseases including arteriosclerosis and hypertension as their direct causes whereas the intestinal environment is also designated as one of the indirect factors to incur these diseases. For the purpose of improving the intestinal environments, probiotic products, mainly comprising lactic acid bacteria beverages, have currently been employed. In this relation, development of functional foods exerting normalization of the intestinal environment and anti-oxidation effects against oxidants is highly expected in terms of their usefulness as the QOL improving supplements.

PreB used in the present study is designated as a liquid-type health food containing vegetable-origin lactobacillus and dietary fiber. PreB also contains other useful ingredients such as Lutein, which is a yellow pigment contained in green and yellow vegetables and is known to exert anti-oxidation effects, plus it represents carotenoids (pigment group) like ß -carotene and lycopene. In the present study, efficacy confirmation and the safety verifications were conducted using preB in healthy volunteers as the study subjects.

Title Safety study on preB

Study Number 00802

Purpose: To re-confirm the safety of preB by assessing the hepatic function test items, and also to analyze the possible influences on the intestinal environment.

Sponsor

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Chief Investigator: MD & Ph.D. Hirose Ryuichi

Study Director: Suzuki Tatsuo

Date of study initiation:	May 14, 2008
Date of study completion:	September 9, 2008
Date of preparation of the final report:	September 17, 2008

Methods

1. Materials

1.1 Test substance

Name:	PreB
Code number:	
Reference:	A kind of supplemental health food containing over 55 kinds of grains, vegetables, fruits and wild herbs.

1.2 Test subjects

Animal species: Human

Strain: Yellow race of Asian descent

Gender: Both sexes

Age: Healthy volunteers of 20 years old or older

Enrolled number: 10 Males and 20 females, 30 in total.

2. Test methods

Screening of the test subjects

On 40 candidate test subjects (15 males and 25 females) who showed normal ranges of respective hematological test values (within 3SD from the highest and the lowest limit of the normal values), but took no medical drugs continuously (daily); physician's inquiry, physical determination, urine collection and blood collection were conducted to perform various tests including the general hematological tests. Based on the test results, 10 males and 20 females were selected as the test subjects.

2.1 Test methods

To each of the 10 male and 20 female healthy test volunteers, one dose (15grams) of the test substance was given after breakfast and after supper (30 grams per day).

The administration period was designated as one month (28 days). Before commencement, and at the completion of administration, urine samples, blood samples and fecal samples were collected. These were used for various tests such as the general hematological tests, intestinal bacterial flora tests and immunological tests. Simultaneously, the physician's inquiry was conducted at the time of the commencement of the test and at the completion of the test.

2.3 Test items

Physical determination: Height, body weight, body fat mass (only at the initiation of the test and at the completion of the test), and blood pressure.

Physician's inquiry: Gastrointestinal symptoms and general physical conditions

Full set of hepatic function tests: AST, ALT and ALP (Enzymatic method), etc.

Full set of renal function tests: Creatinine, etc.

Hemoglobin, cholesterol, triglyceride

Determination of CD2/CD20/CD4/CD8

Determination of plasma cytokines

Determination of bacterial flora in feces

Results

3.1 Influences of administration of preB on blood corpuscle cells in blood

In the male subjects, WBC values were 69.8 ± 14.63/x 10^2 μL before initiation of the study and 63.50 ± 8.75/u 102 μL at the end of the study (Figure 1 and Table 1).

RBC values were 49.09 ± 2.66/x 10^5 μL before initiation of the study and 47.52 ± 1.99/u 10^5 μL at the end of the study (Figure 1 and Table 1).

Hb values were 15.20 ± 0.88 g/dL before commencement of the study and 14.77 ± 0.78 g/dL at the end of the study (Figure 1 and Table 1).

Hematocrit values (Hbt) were 44.05 ± 2.38% before start of the study and 42.90 ± 1.89% at the end of the study (Figure 1 and Table 1).

Platelet counts (Plt) were 26.87 ± 4.46/x 10^4 μL before commencement of the study and 25.29 ± 3.52/x 104μL at the end of the study (Figure 1 and Table 1).

In female subjects, WBC values were 64.10 ± 12.47/x 10^2μL before initiation of the study and 61.65 ± 12.92/x 10^2 μL at the end of the study (Figure 1 and Table 1).

RBC values were 41.77 ± 3.56/x 10^5 μL before initiation of the study and 40.50 ± 3.25/u 10^5 μL at the end of the study (Figure 1 and Table 1).

Hb values were 12.54 ± 1.36 g/dL before commencement of the study and 12.24 ± 1.16 g/dL at the end of the study (Figure 1 and Table 1).

Hematocrit values (Hbt) were 37.12 ± 3.41% before start of the study and 36.13±2.82% at the end of the study (Figure 1 and Table 1).

Platelet counts (Plt) were 28.55 ± 5.38/x 10^4 μL before commencement of the study and 28.46 ± 5.55/x 10^4 μL at the end of the study (Figure 1 and Table 1).

As stated above, the findings in all the test items concerning the blood corpuscle cells in blood were within the normal ranges irrespective of males or females.

3.2 Influences of administration of preB on hepatic functions

In male subjects, AST values were 25.55 ± 7.52 IU/L before start of the study and 25.30 ± 9.65 IU/L at the end of the study (Figure 2 and Table 2).

ALT values were 35.20 ± 20.86 IU/L before beginning of the study and 31.60 ± 16.08 IU/L at the end of the study (Figure 2 and Table 2).

ALP values were 224.00 ± 64.15 IU/L before commencement of the study and 222.60 ± 75.78 IU/L at the end of the study (Figure 2 and Table 2).

In female subjects, AST values were 17.15 ± 2.68 IU/L before start of the study and 17.05 ± 2.74 IU/L at the end of the study (Figure 2 and Table 2).

ALT values were 14.25 ± 3.29 IU/L before beginning of the study and 13.55 ± 4.71 IU/L at the end of the study (Figure 2 and Table 2).

ALP values were 164.25 ± 31.81 IU/L before commencement of the study and 168.60 ± 30.99 IU/L (Figure 2 and Table 2).

As stated above, the findings in all the test items regarding the hepatic function test values except AST values in male subjects were within the normal ranges irrespective of sexes.

3.3 Influences of administration of preB on lipid metabolism

In male subjects, high-density lipoprotein cholesterol values (HDL-CHO) were 4550 ± 6.31 mg/dL before commencement of the study and 48.55 ± 8.18 mg/dL at the end of the study (Figure 3 and Table 2).

Low-density lipoprotein cholesterol values (LDL-CHO) were 121.50 ± 35.20 mg/dL before beginning of the study and 123.00 ± 29.71 mg/dL at the end of the study (Figure 3 and Table 2).

Triglyceride values were 196.20 ± 8.4 mg/dL before start of the study and 171.20 ± 160.34 mg/dL at the end of the study (Figure 3 and Table 2).

In female subjects, high-density lipoprotein cholesterol values (HDL-CHO) were 67.40 ± 14.08 mg/dL before commencement of the study and 63.00 ± 11.47 mg/dL at the end of the study (Figure 3 and Table 2).

Low-density lipoprotein cholesterol values (LDL-CHO) were 103.90 ± 15.44 mg/dL before beginning of the study and 101.70 ± 18.81 mg/dL at the end of the study (Figure 3 and Table 2).

Triglyceride values were 81.10 ± 52.28 mg/dL before start of the study and 82.65 ± 47.46 mg/dL at the end of the study (Figure 3 and Table 2).

As stated above, the findings in all the test items concerning the test values associated with lipid metabolism except triglyceride values in male subjects were within the normal ranges irrespective of males or females.

3.4 Effects of PreB intake on renal function

In male subjects, serum creatinine (CRA) levels were 0.84 ± 0.08 mg/dL before starting the trial test and 0.81 ± 0.09 mg/dL at completion of the trial test (Figure 4 and Table 2).

The haemoglobin A1c (HbA1c) levels were 5.21 ± 0.32 mg/dL before starting the trial test and 5.23 ± 0.27 mg/dL at completion of the trial test (Figure 4 and Table 2).

In female subjects, levels of serum creatinine level were 0.64 ± 0.10 mg/dL before starting the trial test and 0.65 ± 0.09 mg/dL at completion of the trial test (Figure 4 and Table 2).

The haemoglobin A1c (HbA1c) levels were 5.07 ± 0.29 mg/dL before starting the trial test and 5.10 ± 0.28 mg/dL at completion of the trial test (Figure 4 and Table 2).

As described above, levels associated with renal function are within the normal range in all test items regardless of sex.

3.5 Effects of PreB intake on the immune system

The leukocyte fraction was prepared from the blood, and the lymphocyte fraction was analyzed following multistaining by CD2, CD20, CD4 and CD8 antibodies. The forward-scattering light and the side-scattering light were applied to select polymorphonuclear leukocytes in the lymphocyte fraction. As shown in the Figure 5, Figure 6 and Table 3, no difference was found in the absolute count of T cells, B cells, CD4 positive T cells and CD8 positive T cells between the male subjects and the female subjects, and between at the time of starting and completion of the trial test.

No difference was found in TNF-alpha and IFN-gamma, which were the indicators of cell-mediated immunodominance and IL-10, which were the indicators of humoral immunodominance between the male and female subjects between the time of the start of the trial test and the completion of the trial test (Figure 6 and Table 3).

3.6 Evaluation with Visual Analogue Scale (VAS)

Utilizing the visual analogue scale (VAS), constipation, rough skin and stiff shoulders were measured to evaluate effects of ingesting PreB on the body. It was found that the number of instances of constipation, rough skin and stiff shoulders were markedly improved at the completion of the trial test in all subjects compared with the number of instances recorded before the start of the trial test.

3.7 Changes in the enteral environment by PreB intake

Changes in the intestinal bacterial flora by PreB intake were evaluated by a simultaneous molecular analysis. The analyzing method was invented by the Department of Microbiology, School of Medicine, University of Occupational and Environmental Health, and was the application of the fingerprint method using bacteria-derived DNA in the stool. Bacteria in the stool of the 30 subjects were identified from the 2667 clone before starting the trial test and from the 2525 clone after completion of the trial test.

Major components of the intestinal bacterial flora before starting the trial test were the Clostridium species, Ruminoccoccus species, Faecalibacterium species and Prevotella species (Table 4). Other, components of the intestinal bacterial flora at completion of the trial test were Bacteroides species, Streptococcus species, Faecalibacterium species and Prevotella species (Table 4).

Discussion

Lipid peroxide is one of the oxidized substances which are by-products of cellular metabolism as well as active oxygen, free radicals or superoxides etc. in vivo. The oxidized substances cause oxidization of lipids, and also arteriosclerosis. The oxidized substances are produced by stress from modern life and excessive consumption of calorie-rich food etc. These are separate from the oxidized substances produced by normal immune response and aging. Injuries in normal cells caused by the oxidized substances are considered to increase the acceleration of aging. In addition, the excessive oxidized substances that are produced cause arteriosclerosis because of abnormal metabolism of the oxidized substances, oxidization and cell injuries in cell membranes and nuclear membranes, and have risks of inducing various diseases.

A function of ‘functional foods’ reduces these excessively produced oxidized substances and has been extensively used as an adjunct to improve daily life. PreB used in this trial test is a health supplement, which contains over 55 kinds of cereals, vegetables, fruits and wild herbs etc. The product contains vegetable origin lactic acid bacteria and lutein, which have an antioxidative effect.

The trial test was conducted to confirm efficacy and safety of PreB in healthy volunteers.

PreB was analyzed for its effects on the body. Results showed that levels of ALT and ALP were within the normal range (the normal range of ALT level: 5 -45 IU/ml and the normal range of ALP level: 100 -325 IU/mL) in both male subjects and in female subjects according to a liver function test when subjects continuously ingested PreB for 1 month. The mean levels of AST were higher in the male subjects than in the female subjects (the normal range of AST level was 10 -40 IU/L), which was a deviation occurred in a male subject who was found to have liver function abnormality. The liver function abnormality was not attributed to the trial test substance but was affected by the subject's diet.

In lipid metabolism, both levels of high-density lipoprotein cholesterol and low-density lipoprotein cholesterol were within the normal range (the normal range of high density lipoprotein cholesterol level: 45 -95 mg/dL, the normal range of low-density lipoprotein-cholesterol level: 65 -139 mg/dL) regardless of sex. Values of triglyceride in the male subjects were higher than the normal upper limit (the normal upper limit of triglyceride: 30 -149 mg/dL). It was confirmed that the high value of triglyceride in the male subjects was caused by the high value of the same male subject whose AST value was the deviation. It was not affected by the trial test substance. Then, for lipids metabolism, creatinine clearance and HbA1c levels which were used as indicators were analyzed for effects on renal function. The values were within the normal range (the normal range of cleatinine level: 0.61 -1.04 mg/dL in the male subjects and 0.47 -0.79 mg./dL in the female subjects; HbA1C: 4.0 -55 mg/dL) regardless of sex. According to the above results, it was considered that PreB had no safety problem.

PreB had no effects on the immune system such as white blood cell counts, lymphocyte counts, T cell counts and B cell counts. In addition, there was no change in all subjects in IL-10 which was the indicator of humoral immunodominance before and after the trial test. No difference was found in the mean levels of TNF-alpha and IFN-gamma which were the indicators of cell-mediated immunity. However, a tendency was noted that they were higher at the completion of the trial test compared with the values before the trial test in more than half subjects (attached Figure 2 and Figure 3). For this reason, it was inferred that activation of macrophages and neutrophils caused by the changes in the intestinal bacterial flora might be involved in the high value.

No change was found in the intestinal bacterial flora, including Faecalibacterium species and Prevotella species, which were the major components before the trial test and at completion of the trial test. However, Clostridium and Ruminoccoccus, which were dominant before the trial test were decreased at the completion of the trial test (from 4.9% to 2.8% and from 8.5% to 4.4%, respectively). The extent of decrease was approximately 50%, and types of bacteria were also reduced to half or changed (Table 4). Bacteroides species and Streptococcus species were increased at completion of the trial test. These changes were considered to be caused by effects of PreB. Also, these results might be related to aforementioned increase of TNF-alpha and IFN-gamma levels, which meant the activation of macrophages and neutrophils. In addition, it was inferred that the changes in the enteral environment might be involved in improvement of constipation and relief of rough skin according to the VAS evaluation.

Since the healthy volunteers in this trial test lived their normal lives, dramatic changes were not noted in immunocytes and the enteral environment. However, the usefulness of PreB seems to have been revealed by conducting a test on small-sized low-density lipoprotein and a challenge test.

Conclusion

- The safety of PreB was confirmed by the trial test of PreB intake (for 28 days) in healthy volunteers.
- No effects of the PreB ingestion were found in the immunocytes (lymphocytes).
- Changes were found in the intestinal bacterial flora, which were caused by the ingestion of PreB.

Figure 1: Hematologic Data

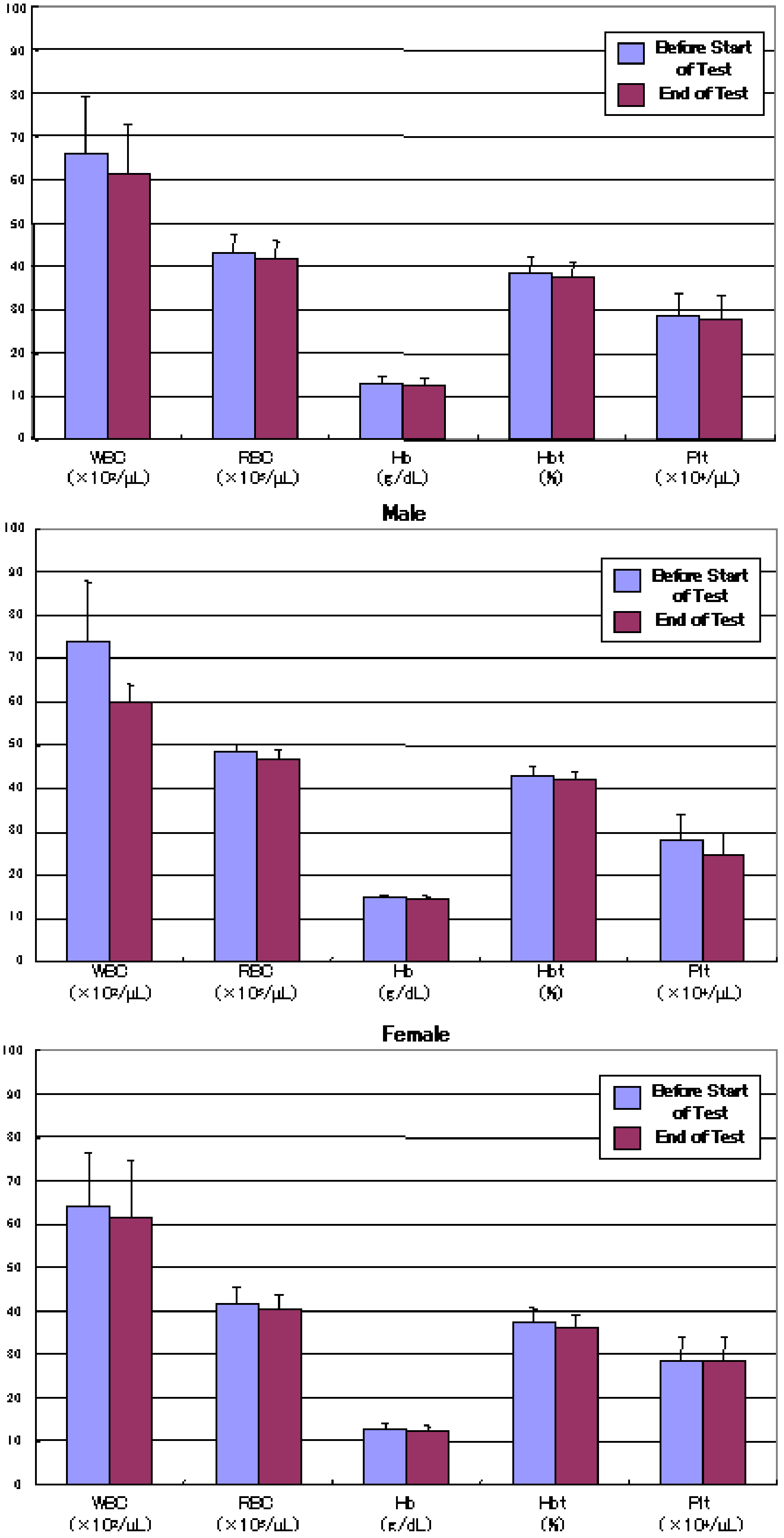


Figure 2: Effects on Hepatic Function

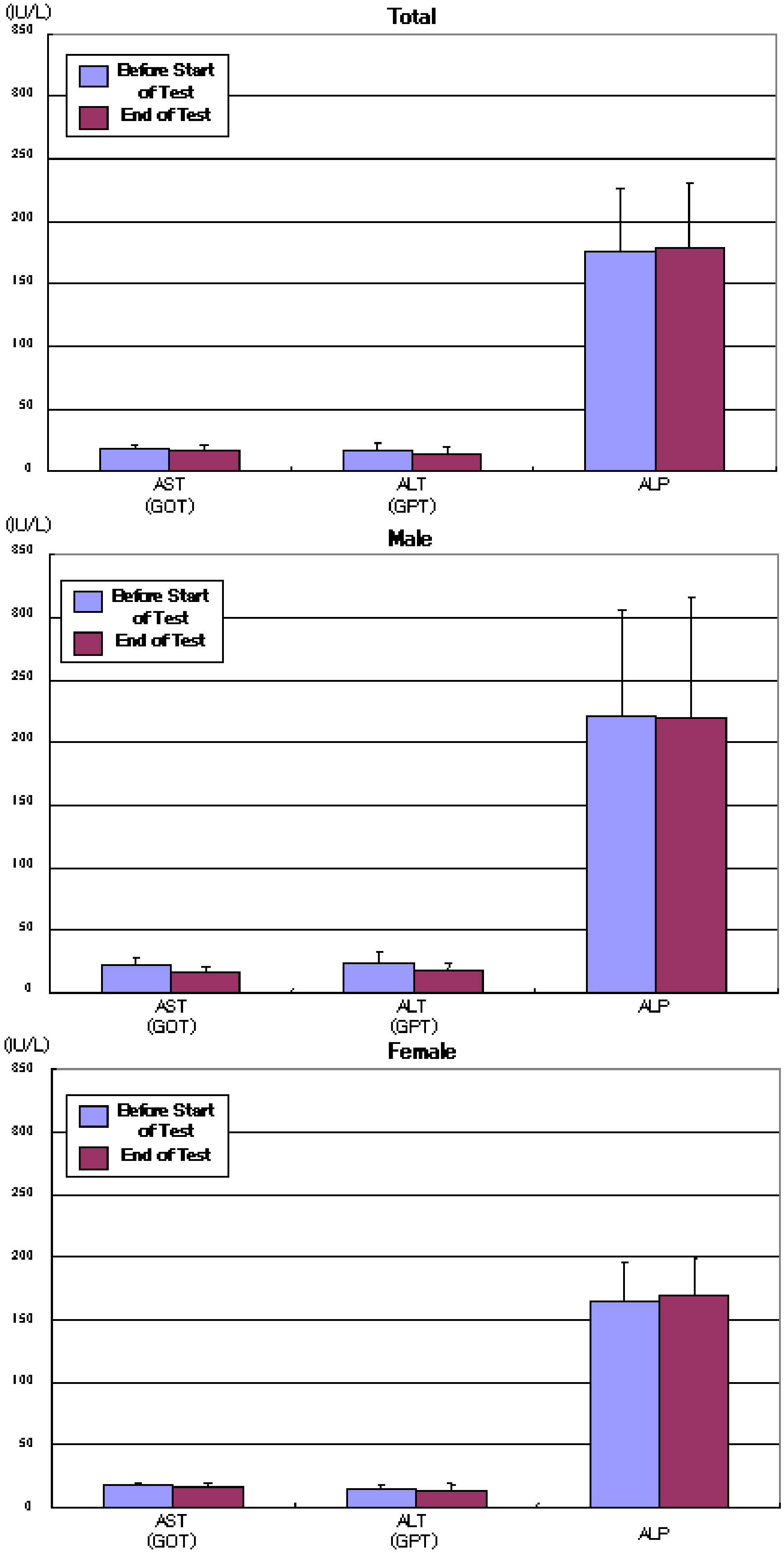


Figure 3: Effects on Lipid Metabolism

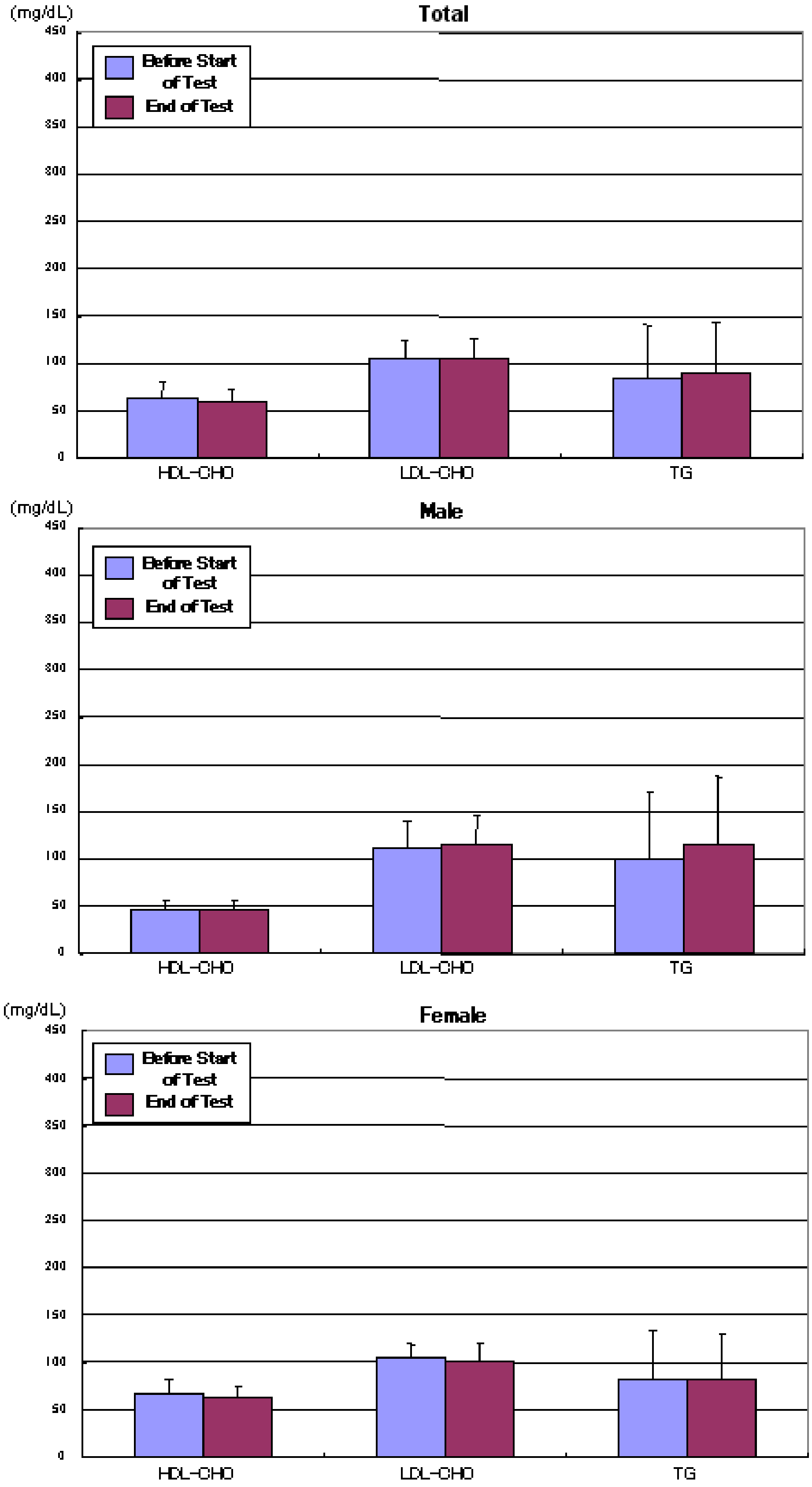


Figure 4: Effects on Renal Function

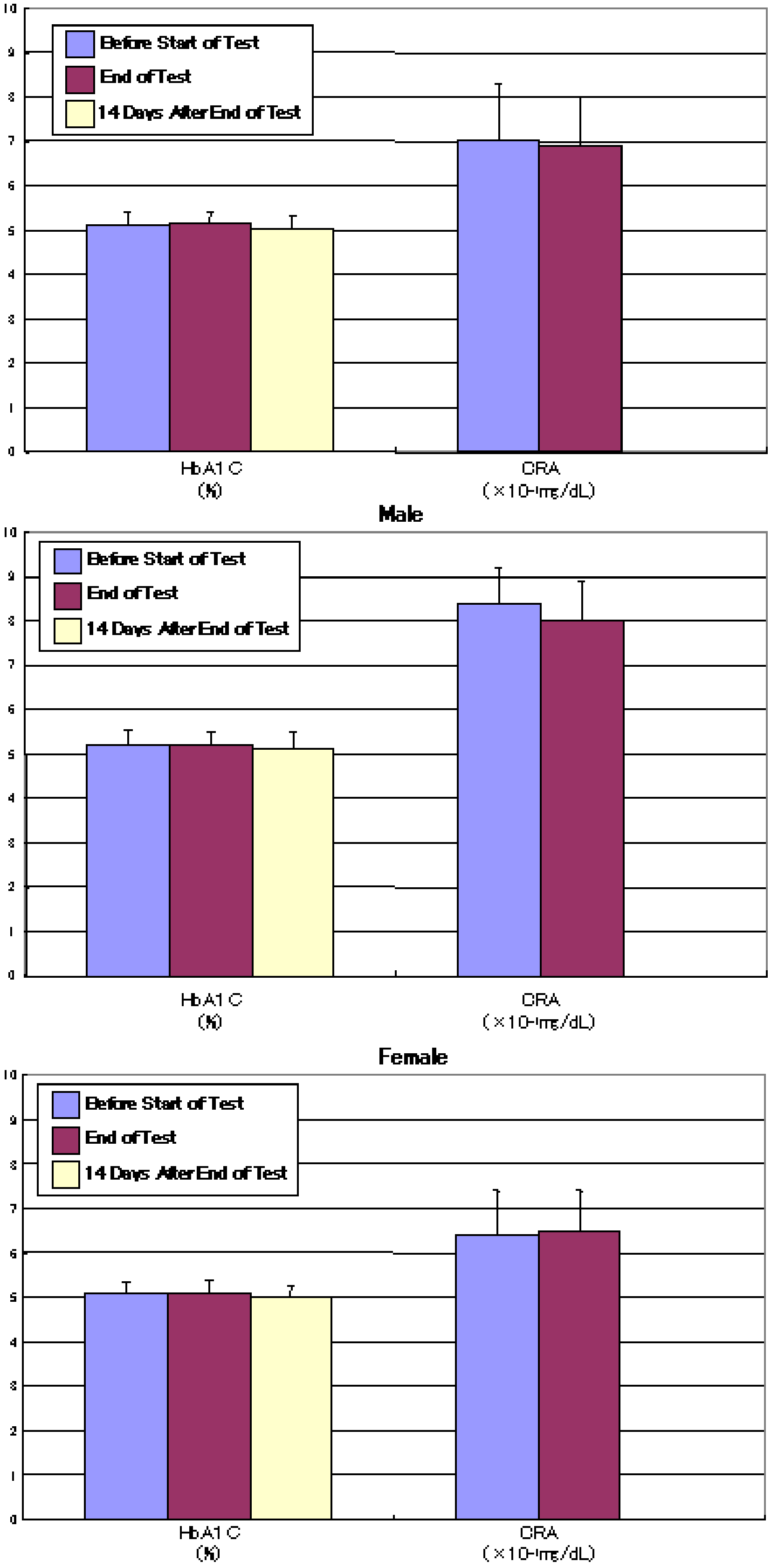


Figure 5: Lymphocyte Kinetics

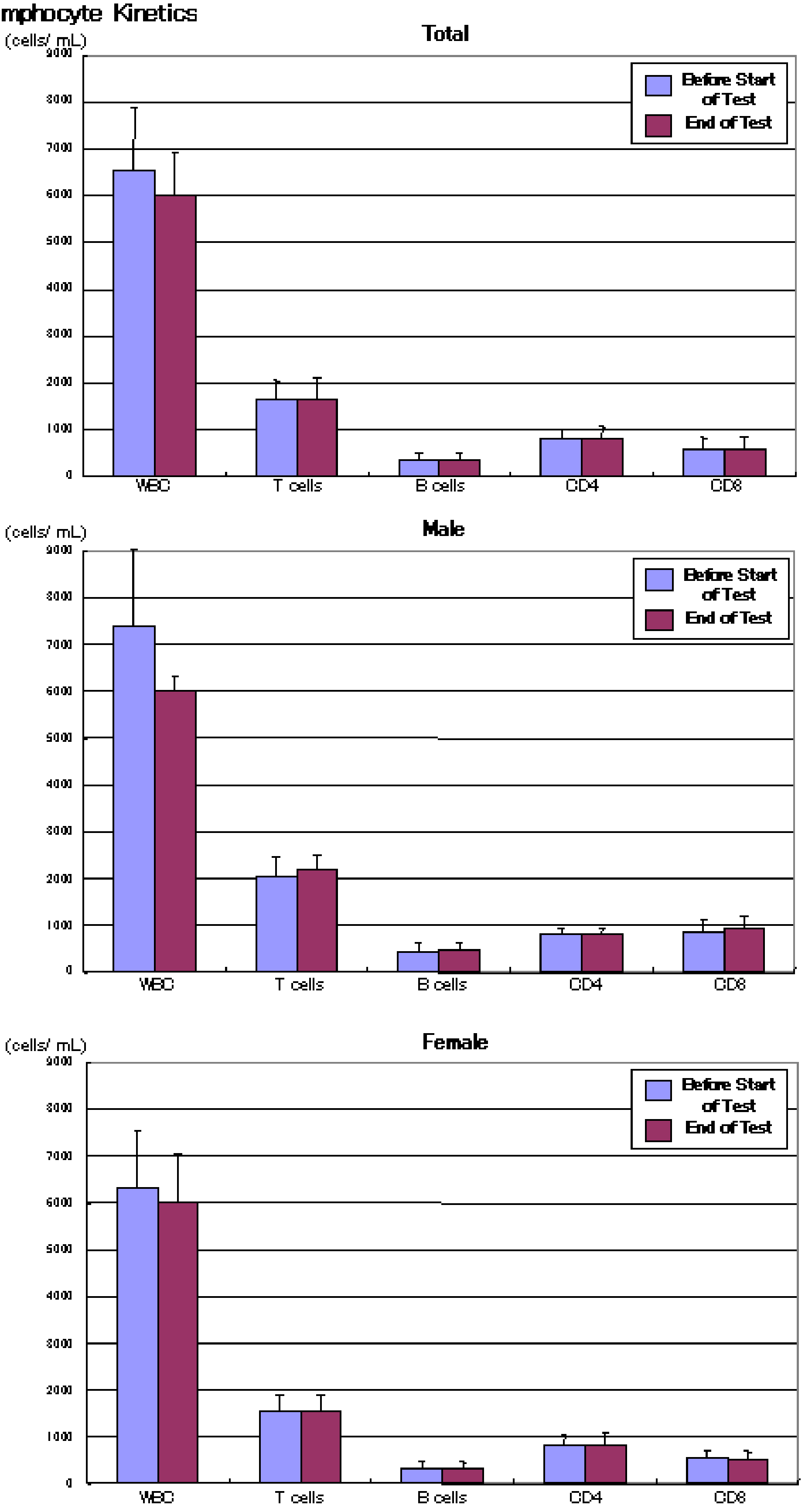


Figure 6: Effects on T-cell Function

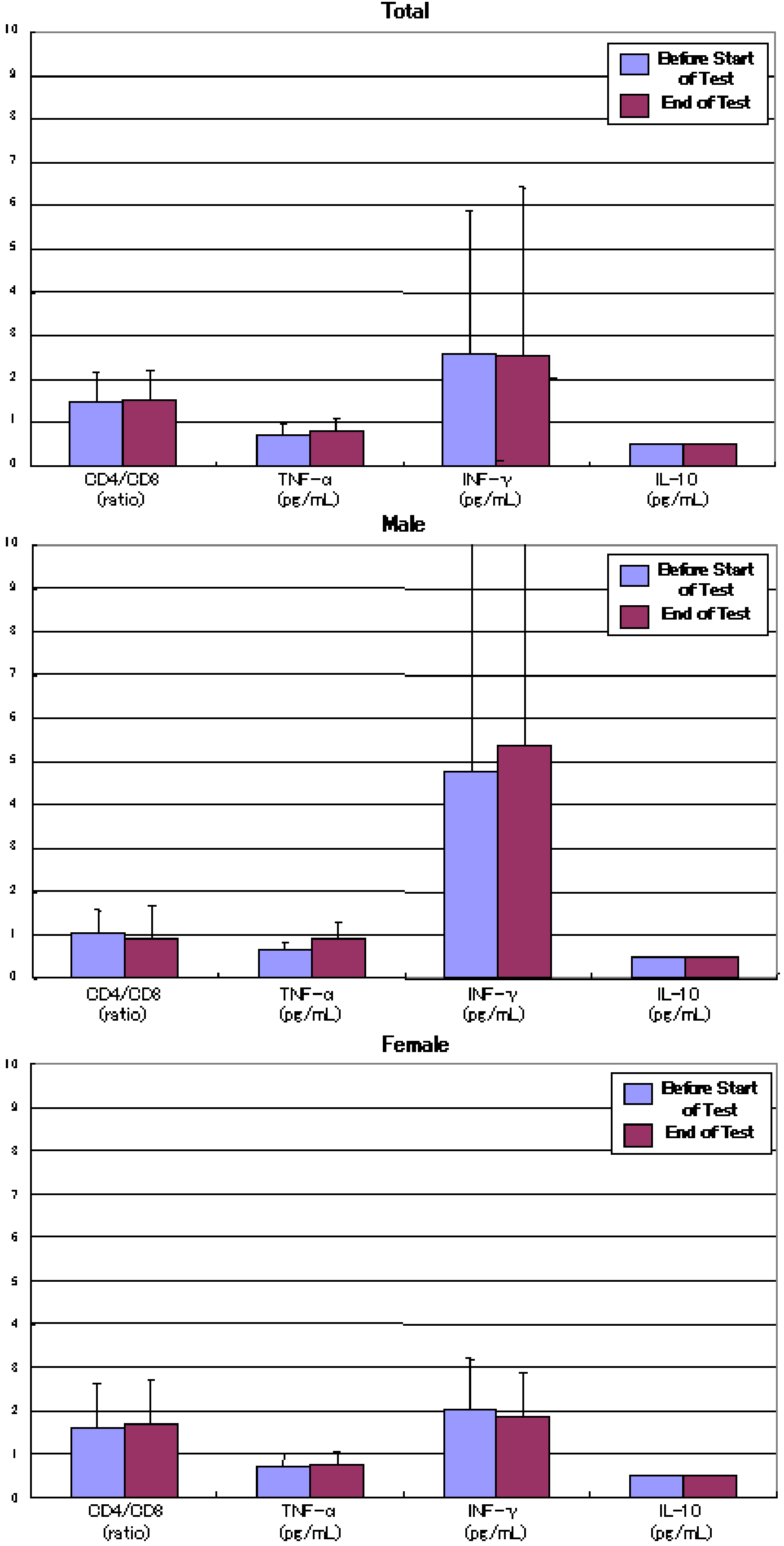


Figure 7: VAS Evaluation

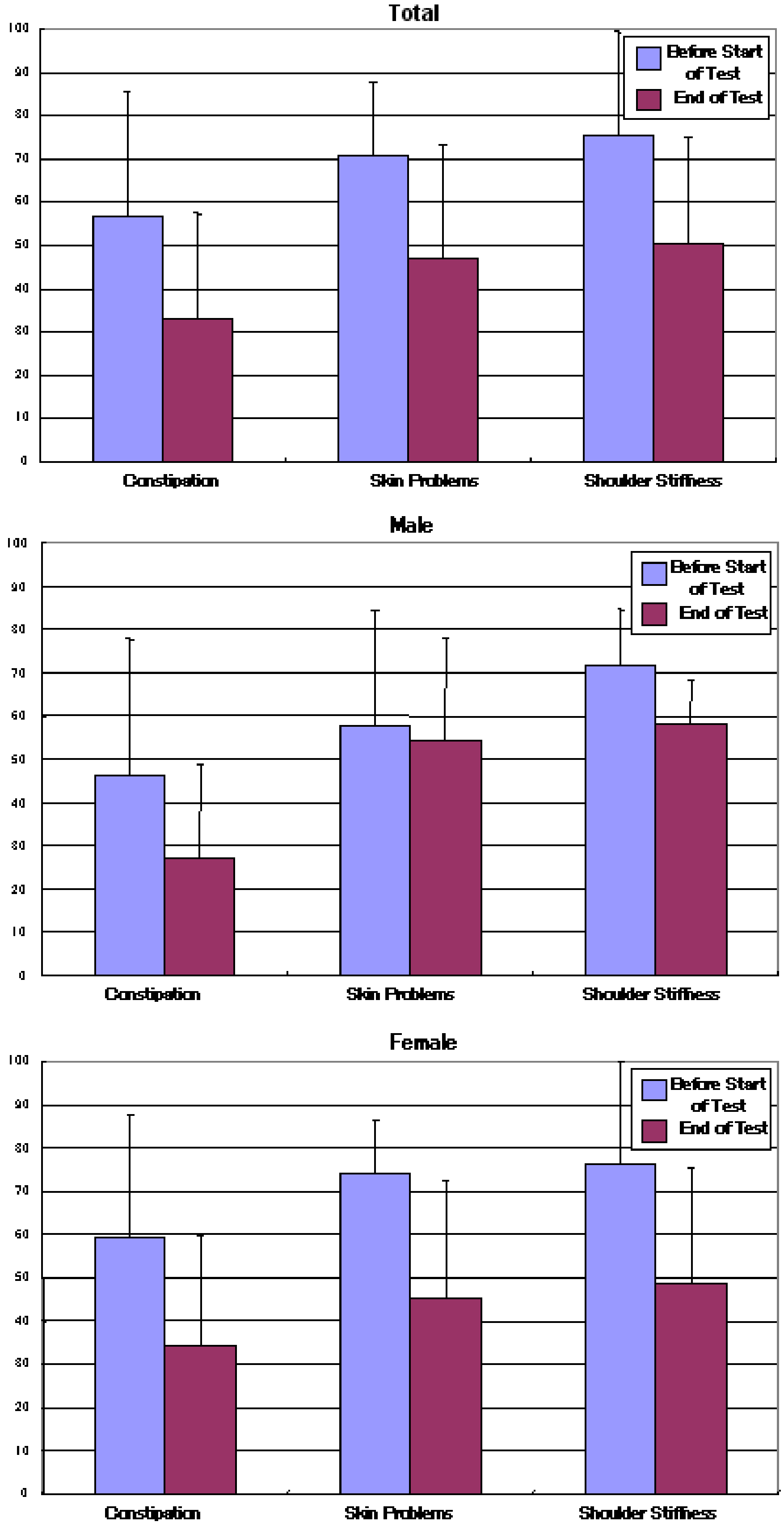
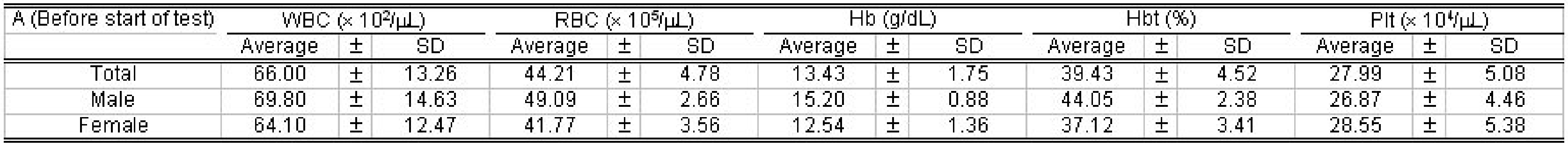
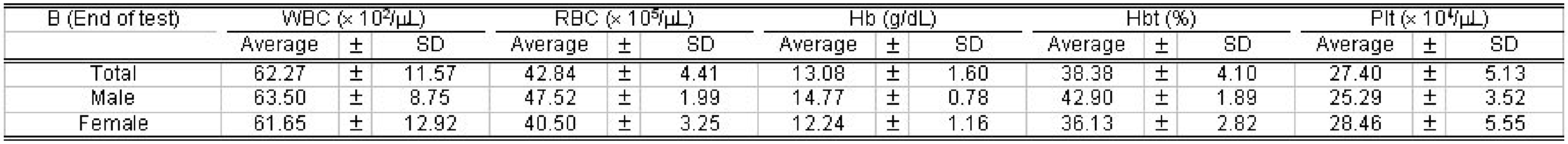


Table 1: Effects on hematology

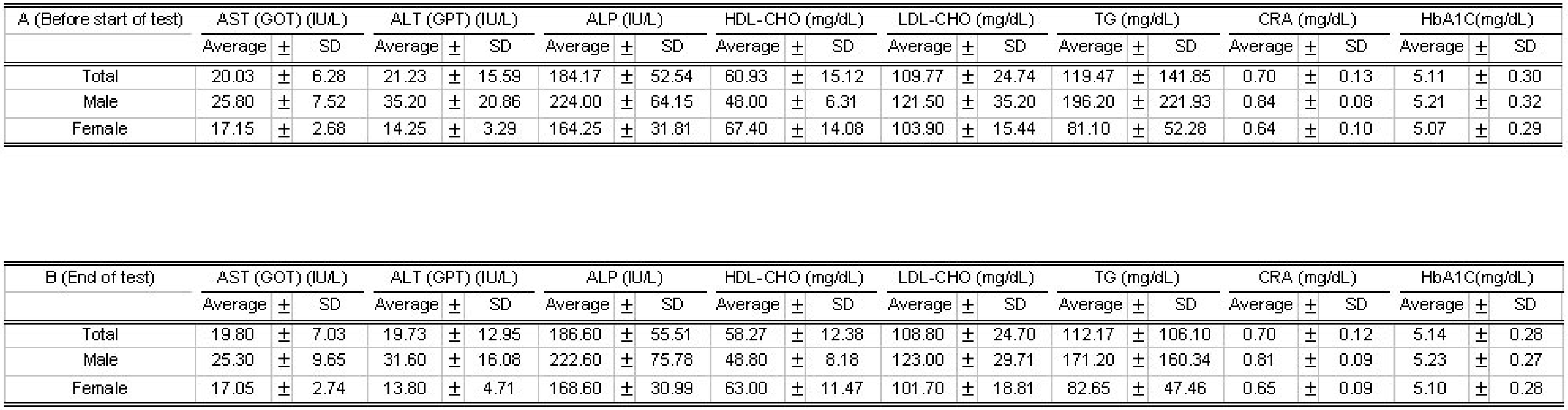


A (Before start of test)	WBC (× 10^2/μL)			RBC (× 10^5/μL)			Hb (g/dL)			Hbt (%)			Plt (× 10^4/μL)		
	Average	±	SD	Average	±	SD	Average	±	SD	Average	±	SD	Average	±	SD
Total	66.00	±	13.26	44.21	±	4.78	13.43	±	1.75	39.43	±	4.52	27.99	±	5.08
Male	69.80	±	14.63	49.09	±	2.66	15.20	±	0.88	44.05	±	2.38	26.87	±	4.46
Female	64.10	±	12.47	41.77	±	3.56	12.54	±	1.36	37.12	±	3.41	28.55	±	5.38



B (End of test)	WBC (× 10^2/μL)			RBC (× 10^5/μL)			Hb (g/dL)			Hbt (%)			Plt (× 10^4/μL)		
	Average	±	SD	Average	±	SD	Average	±	SD	Average	±	SD	Average	±	SD
Total	62.27	±	11.57	42.84	±	4.41	13.08	±	1.60	38.38	±	4.10	27.40	±	5.13
Male	63.50	±	8.75	47.52	±	1.99	14.77	±	0.78	42.90	±	1.89	25.29	±	3.52
Female	61.65	±	12.92	40.50	±	3.25	12.24	±	1.16	36.13	±	2.82	28.46	±	5.55

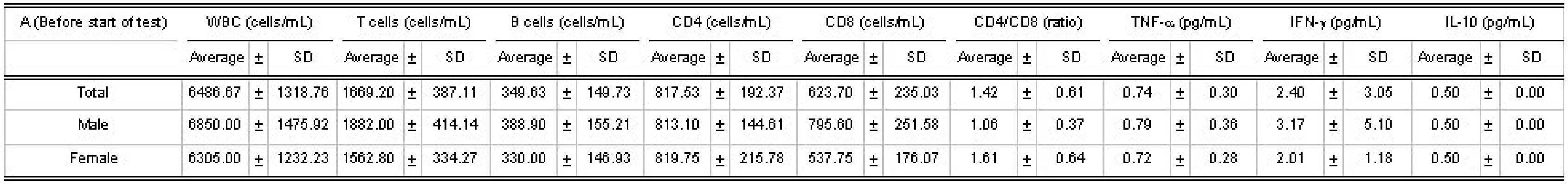
Table 2: Effects on hepatic function, lipid metabolism, and renal function



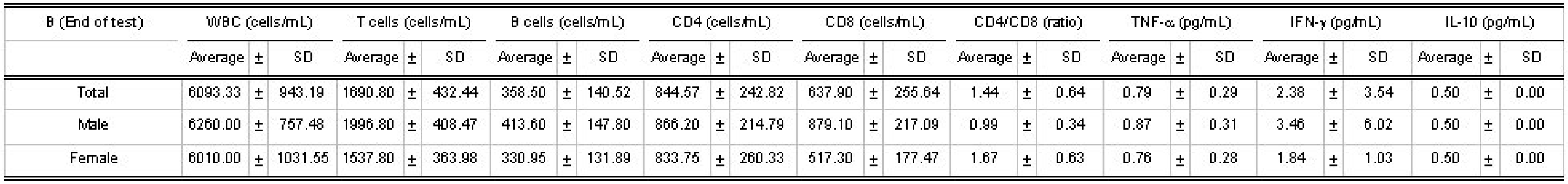
A (Before start of test)	AST (GOT) (IU/L)			ALT (GPT) (IU/L)			ALP (IU/L)			HDL-CHO (mg/dL)			LDL-CHO (mg/dL)			TG (mg/dL)			CRA (mg/dL)			HbA1C(mg/dL)		
	Average	±	SD	Average	±	SD	Average	±	SD	Average	±	SD	Average	±	SD	Average	±	SD	Average	±	SD	Average	±	SD
Total	20.03	±	6.28	21.23	±	15.59	184.17	±	52.54	60.93	±	15.12	109.77	±	24.74	119.47	±	141.85	0.70	±	0.13	5.11	±	0.30
Male	25.80	±	7.52	35.20	±	20.86	224.00	±	64.15	48.00	±	6.31	121.50	±	35.20	196.20	±	221.93	0.84	±	0.08	5.21	±	0.32
Female	17.15	±	2.68	14.25	±	3.29	164.25	±	31.81	67.40	±	14.08	103.90	±	15.44	81.10	±	52.28	0.64	±	0.10	5.07	±	0.29

B (End of test)	AST (GOT) (IU/L)			ALT (GPT) (IU/L)			ALP (IU/L)			HDL-CHO (mg/dL)			LDL-CHO (mg/dL)			TG (mg/dL)			CRA (mg/dL)			HbA1C(mg/dL)		
	Average	±	SD	Average	±	SD	Average	±	SD	Average	±	SD	Average	±	SD	Average	±	SD	Average	±	SD	Average	±	SD
Total	19.80	±	7.03	19.73	±	12.95	186.60	±	55.51	58.27	±	12.38	108.80	±	24.70	112.17	±	106.10	0.70	±	0.12	5.14	±	0.28
Male	25.30	±	9.65	31.60	±	16.08	222.60	±	75.78	48.80	±	8.18	123.00	±	29.71	171.20	±	160.34	0.81	±	0.09	5.23	±	0.27
Female	17.05	±	2.74	13.80	±	4.71	168.60	±	30.99	63.00	±	11.47	101.70	±	18.81	82.65	±	47.46	0.65	±	0.09	5.10	±	0.28

Table 3: Effects on immune function



A (Before start of test)	WBC (cells/mL)			T cells (cells/mL)			B cells (cells/mL)			CD4 (cells/mL)			CD8 (cells/mL)			CD4/CD8 (ratio)			TNF-α (pg/mL)			IFN-γ (pg/mL)			IL-10 (pg/mL)		
	Average	±	SD	Average	±	SD	Average	±	SD	Average	±	SD	Average	±	SD	Average	±	SD	Average	±	SD	Average	±	SD	Average	±	SD
Total	6486.67	±	1318.76	1669.20	±	387.11	349.63	±	149.73	817.53	±	192.37	623.70	±	235.03	1.42	±	0.61	0.74	±	0.30	2.40	±	3.05	0.50	±	0.00
Male	6850.00	±	1475.92	1882.00	±	414.14	388.90	±	155.21	813.10	±	144.61	795.60	±	251.58	1.06	±	0.37	0.79	±	0.36	3.17	±	5.10	0.50	±	0.00
Female	6305.00	±	1232.23	1562.80	±	334.27	330.00	±	146.93	819.75	±	215.78	537.75	±	176.07	1.61	±	0.64	0.72	±	0.28	2.01	±	1.18	0.50	±	0.00



B (End of test)	WBC (cells/mL)			T cells (cells/mL)			B cells (cells/mL)			CD4 (cells/mL)			CD8 (cells/mL)			CD4/CD8 (ratio)			TNF-α (pg/mL)			IFN-γ (pg/mL)			IL-10 (pg/mL)		
	Average	±	SD	Average	±	SD	Average	±	SD	Average	±	SD	Average	±	SD	Average	±	SD	Average	±	SD	Average	±	SD	Average	±	SD
Total	6093.33	±	943.19	1690.80	±	432.44	358.50	±	140.52	844.57	±	242.82	637.90	±	255.64	1.44	±	0.64	0.79	±	0.29	2.38	±	3.54	0.50	±	0.00
Male	6260.00	±	757.48	1996.80	±	408.47	413.60	±	147.80	866.20	±	214.79	879.10	±	217.09	0.99	±	0.34	0.87	±	0.31	3.46	±	6.02	0.50	±	0.00
Female	6010.00	±	1031.55	1537.80	±	363.98	330.95	±	131.89	833.75	±	260.33	517.30	±	177.47	1.67	±	0.63	0.76	±	0.28	1.84	±	1.03	0.50	±	0.00

Table 4: Alteration of intestinal flora

Before start of test					End of test			
Clostridium	halhewyi	8	0.3%		Clostridium	ramosum	30	1.2%
	lituseburense	12	0.4%			spiroforme	28	1.1%
	bolteae	66	2.5%			nexile	12	0.5%
	spiroforme	31	1.2%					
	orbiscindense	13	0.5%					
		130	4.9%				70	2.8%
Bacteroides	ovatus	7	0.3%		Bacteroides	fragilis	23	0.9%
	vulgatus	51	1.9%			vulgatus	56	2.2%
	stercoris	78	2.9%			stercoris	87	3.4%
						caccae	23	0.9%
		136	5.1%				189	7.5%
Streptococcus	macodonics	23	0.9%		Streptococcus	salivarius	21	0.8%
						lutetiensis	52	2.1%
							73	2.9%
Ruminococcus	obeum	144	5.4%		Ruminococcus	obeum	81	3.2%
	schinkii	11	0.4%			forgues	9	0.4%
	gnavus	9	0.3%			gnavus	22	0.9%
	forgues	32	1.2%					
	lactaris	9	0.3%					
	hydrogenotrophicus	11	0.4%					
	luti	10	0.4%					
		226	8.5%				112	4.4%
Eubacterium	rectale	34	1.3%		Eubacterium	rectale	25	1.0%
	biforme	25	0.9%			biforme	16	0.6%
		59	2.2%				41	1.6%
Faecalibacterium	prausnitzii	176	6.6%		Faecalibacterium	prausnitzii	150	5.9%
Prevotella	oulorum	170	6.4%		Prevotella	oulorum	207	8.2%
Dialister	invisus	15	0.6%					
Anaerostipes	cacae	10	0.4%		Anaerostipes	cacae	25	1.0%
					Turicibacter	sanguinis	17	0.7%
					Megamonas	hypermegale	10	0.4%
total clone		2667			total clone		2525	

Chart 1

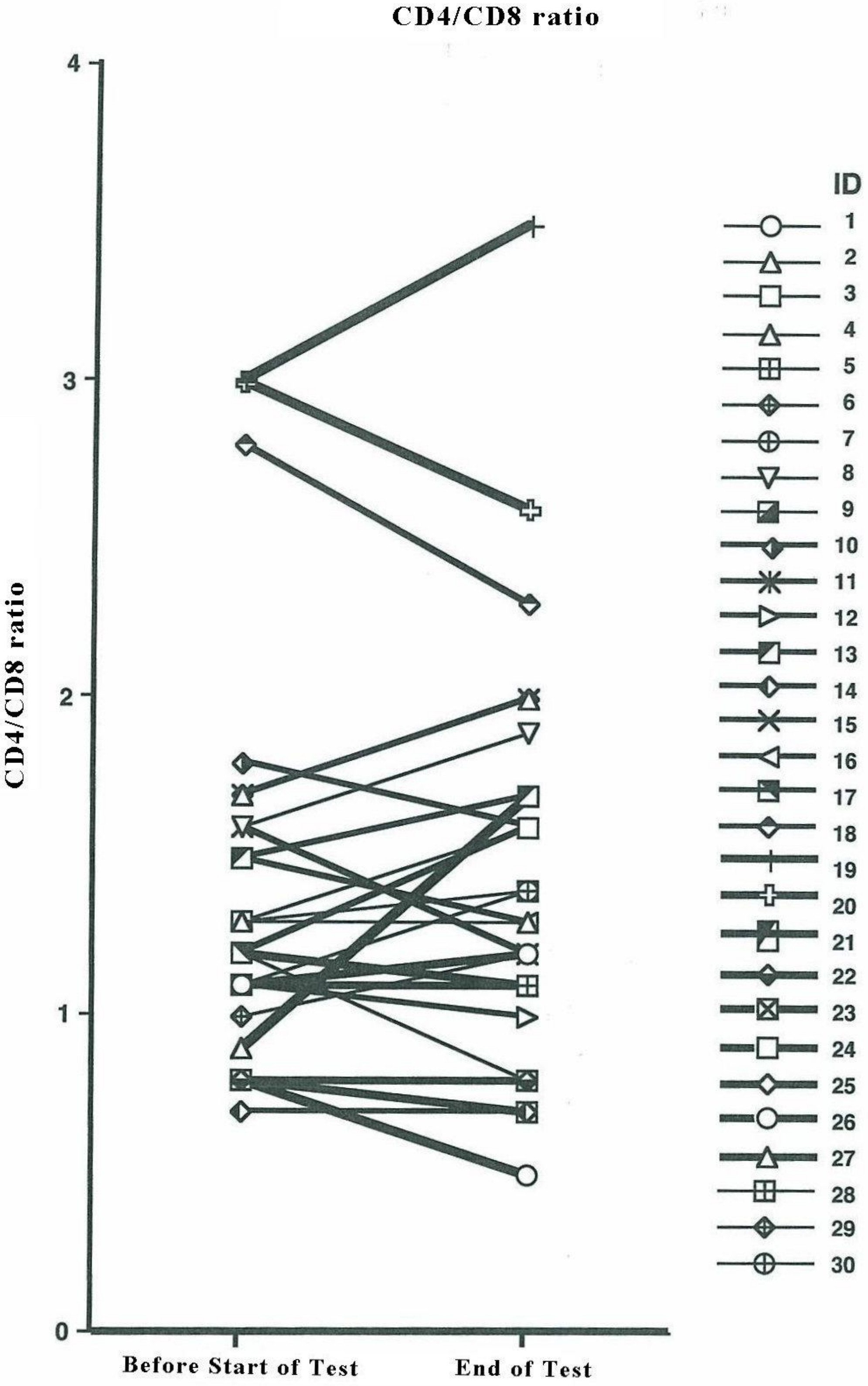

CD4/CD8 ratio
4
3
2
1
0
CD4/CD8 ratio
Before Start of Test
End of Test
ID
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30

Chart 2

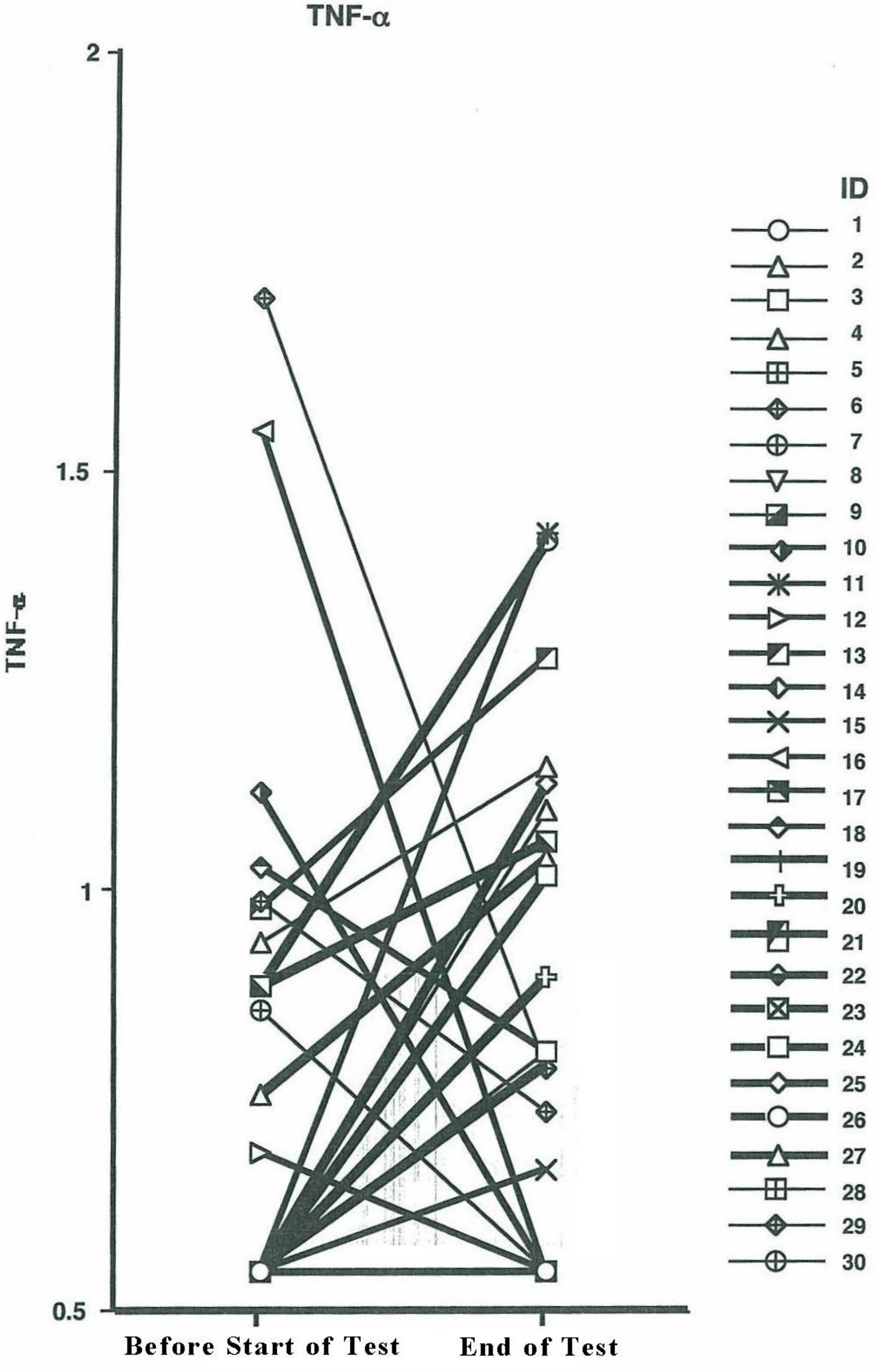
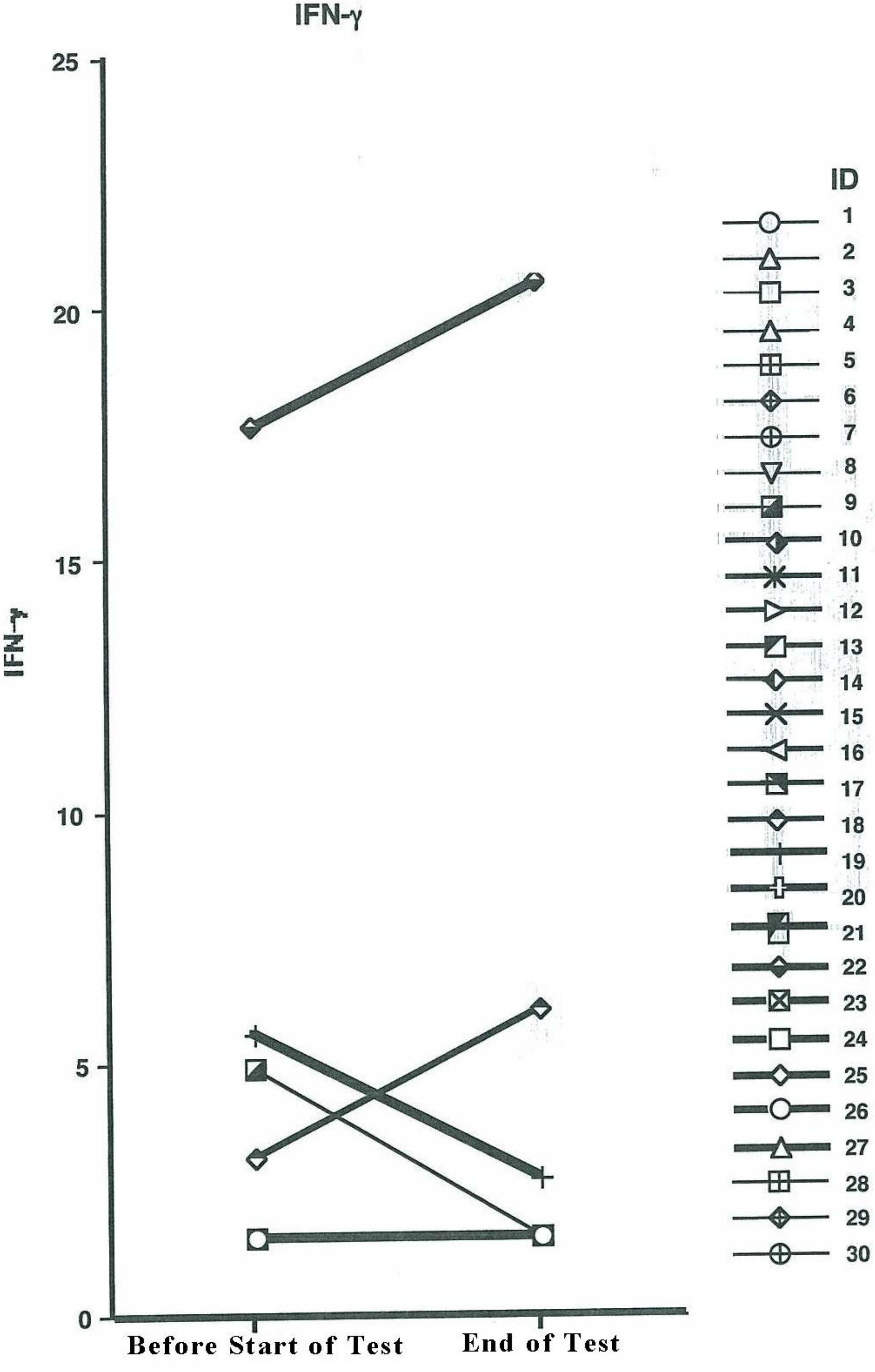
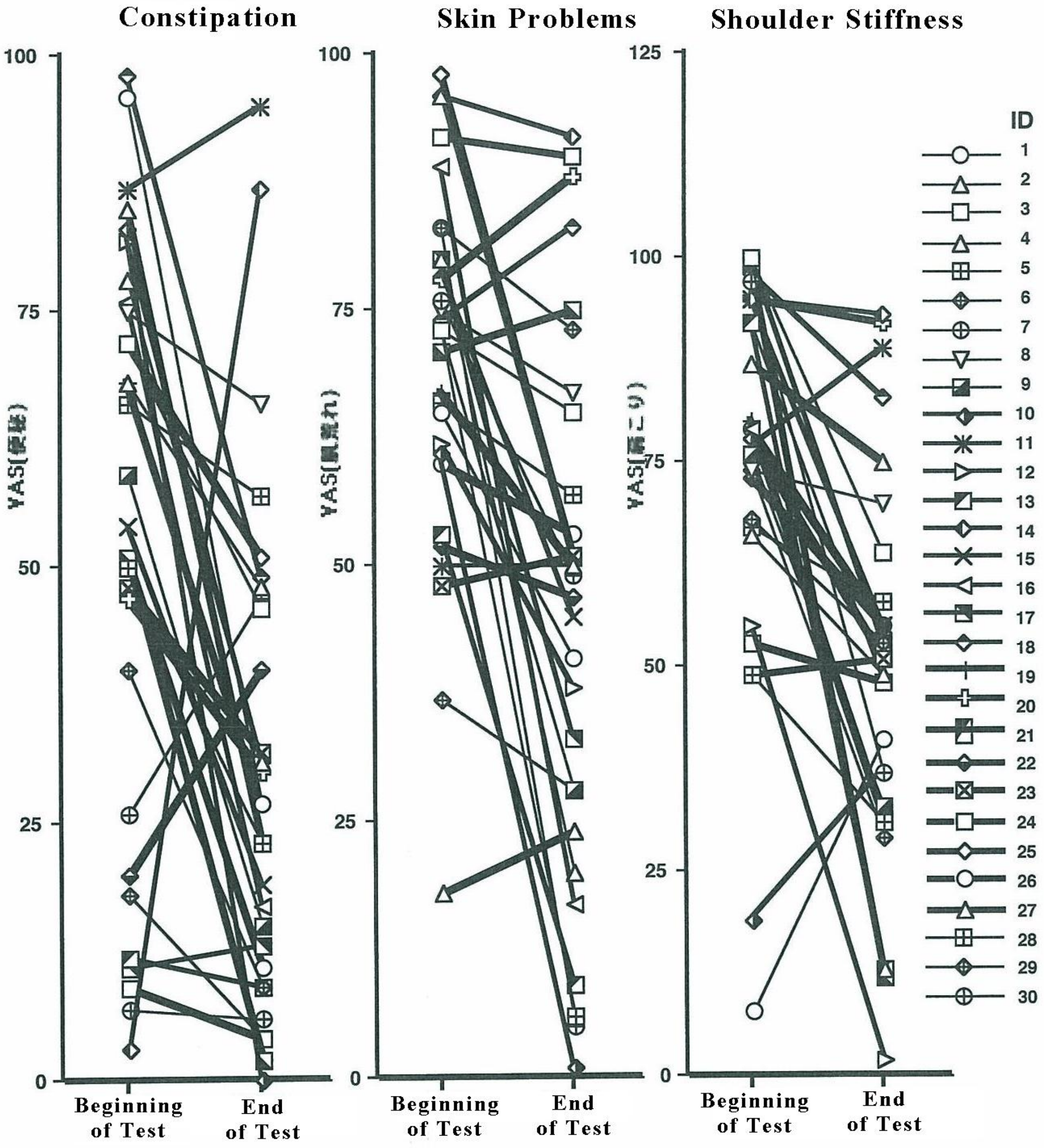

TNF-α
2
1.5
1
0.5
TNF-α
Before Start of Test
End of Test
ID
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30

Chart 3



IFN-γ
25
20
15
10
5
0
IFN-γ
Before Start of Test
End of Test
ID
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30

Chart 4


Constipation
Skin Problems
Shoulder Stiffness
YAS(便秘)
YAS(肌荒れ)
YAS(肩こり)
0
25
50
75
100
125
Beginning of Test
End of Test
ID
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30

Intestinal bacterial flora count and destruction rate before oral administration of preB®

Sample #	Weight (g)	Color	Hardness	Quantity of food residue	Flora count before test (colonies/g)	Flora count after test	Destruction rate (%)
1	0.100	Brown	Hard	Small	1.6×10^{10}	5.4×10^{10}	71.4
2	0.100	Ocher	Soft	Small	6.8×10^{10}	9.4×10^{9}	86.1
3	0.100	Ocher	Soft	Small	1.6×10^{10}	2.2×10^{6}	98.6
4	0.100	Dark brown	Hard	Small	5.2×10^{10}	7.1×10^{9}	86.5
5	0.100	Ocher	Soft (partly sludged)	Small	4.5×10^{10}	5.6×10^{9}	87.6
6	0.100	Brown	Soft	Small	5.6×10^{10}	4.8×10^{9}	91.5
7	0.100	Brown	Average	Small	5.2×10^{10}	2.4×10^{9}	95.4
8	0.100	Brown	Soft (partly sludged)	Small	6.9×10^{10}	7.6×10^{9}	88.9
9	0.100	Brown	Soft	Small	4.3×10^{10}	2.1×10^{9}	95.1
10	0.100	Brown	Soft	Small	3.5×10^{10}	4.0×10^{9}	88.6
11	0.101	Brown	Hard	Small	6.7×10^{10}	7.4×10^{9}	88.8
12	0.099	Brown	Soft	Small	1.0×10^{11}	8.7×10^{9}	91.3
13	0.100	Brown	Soft	Small	4.9×10^{10}	2.8×10^{9}	94.3
14	0.100	Ocher	Very soft	Average	8.9×10^{10}	1.3×10^{9}	85.4
15	0.097	Dark brown	Hard	Small	8.1×10^{10}	1.1×10^{10}	86.4
16	0.097	Brown	Hard	Small	1.0×10^{11}	1.1×10^{10}	88.8
17	0.107	Brown	Very soft	Average	8.5×10^{10}	4.0×10^{9}	95.3
18	0.101	Brown	Soft	Small	4.5×10^{10}	6.0×10^{9}	86.7
19	0.099	Brown	Hard	Average	9.4×10^{10}	9.1×10^{9}	90.3
20	0.101	Brown	Soft	Small	2.8×10^{10}	5.0×10^{9}	81.7
21	0.035	Ocher	Soft (partly sludged)	Small	1.0×10^{10}	8.5×10^{8}	91.7
22	0.103	Brown	Soft	Average	3.1×10^{10}	6.0×10^{6}	98.1
23	0.102	Ocher	Hard	Small	3.1×10^{10}	7.4×10^{7}	99.2
24	0.098	Brown	Soft	Small	6.2×10^{10}	1.1×10^{9}	94.6
25	0.101	Ocher	Average	Small	7.7×10^{10}	7.4×10^{7}	99.7
26	0.091	Dark brown	Average	Small	7.7×10^{10}	1.5×10^{9}	94.2
27	0.098	Brown	Soft	Small	6.8×10^{10}	6.7×10^{9}	90.2
28	0.099	Ocher	Soft (partly sludged)	Small	6.2×10^{9}	2.5×10^{7}	98.8
29	0.098	Ocher	Sludged	Average	9.9×10^{10}	1.2×10^{8}	99.6
30	0.101	Brown	Soft	Small	7.1×10^{10}	3.5×10^{8}	98.5

Intestinal bacterial flora analysis before oral administration of preB

no. 1

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Blast Max%	Blast Min%
Bacteria	94	Proteobacteria	1	Gammaproteobacteria	1	Enterobacteriales	1	Enterobacteriaceae	1	Escherichia coli	1	Escherichia coli	1	100	100
		Firmicutes	72	"Erysipelotrichi"	6	"Erysipelotrichales"	6	Erysipelotrichaceae	6	Erysipelotrichaceae Incertae Sedis	6	Clostridium innocuum	1	99	99
												Clostridium ramosum	3	99	99
												Clostridium spiroforme	2	91	91
				Bacilli	35	Lactobacillales	35	Streptococcaceae	32	Streptococcus	32	Streptococcus salivarius	5	100	98
												Streptococcus parasanguinis	1	99	99
												Streptococcus macedonicus	23	100	98
												Streptococcus sinensis	3	99	99
								Lactobacillaceae	1	Lactobacillus	1	Lactobacillus paracasei	1	99	99
								Enterococcaceae	2	Enterococcus	2	Enterococcus pseudoavium	2	99	95
				Clostridia	31	Clostridiales	31	Clostridiaceae	20	Clostridium	16	Clostridium leptum	2	89	88
												Clostridium sporosphaeroides	1	93	93
												Clostridium sphenoides	1	95	95
												Clostridium xylanolyticum	1	95	95
												Clostridium orbiscindens	1	92	92
												Clostridium hylemonae	1	94	94
												Clostridium hathewayi	1	99	99
												Clostridium bolteae	8	96	94
										Sporobacter	1	Sporobacter termitidis	1	94	94
										Faecalibacterium	3	Faecalibacterium prausnitzii	3	98	92
								Lachnospiraceae	9	Ruminococcus	8	Ruminococcus gnavus	2	99	94
												Ruminococcus obeum	5	97	96
												Ruminococcus hydrogenotrophicus	1	97	97
										Anaerostipes	1	Anaerostipes caccae	1	99	99
								Eubacteriaceae	2	Eubacterium	1	Eubacterium hallii	1	98	98
										Anaerovorax	1	Anaerovorax odorimutans	1	94	94
		Bacteroidetes	19	Bacteroides (class)	19	Bacteroidales	19	Bacteroidaceae	19	Bacteroides	18	Bacteroides fragilis	2	100	99
												Bacteroides vulgatus	2	98	98
												Bacteroides distasonis	1	86	86
												Bacteroides ovatus	7	98	97
												Bacteroides merdae	1	99	99
												Bacteroides stercoris	5	98	96
										Alistipes	1	Alistipes putredinis	1	97	97
		Actinobacteria	2	Actinobacteria (class)	2	Coriobacteriales	1	Coriobacteriaceae	1	Collinsella	1	Collinsella intestinalis	1	98	98
						Actinomycetales	1	Actinomycetaceae	1	Actinomyces	1	Actinomyces naeslundii	1	98	98
	94		94		94		94		94		94		94		

no. 2

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Blast Max%	Blast Min%
Bacteria	84	Proteobacteria	3	Betaproteobacteria	3	Burkholderiales	3	Burkholderiaceae	3	Ralstonia	3	Ralstonia insidiosa	3	88	86
		Firmicutes	55	"Erysipelotrichi"	2	"Erysipelotrichales"	2	Erysipelotrichaceae	2	Erysipelotrichaceae Incertae Sedis	2	Clostridium innocuum	1	99	99
												Clostridium ramosum	1	99	99
				Bacilli	5	Lactobacillales	5	Streptococcaceae	4	Streptococcus	4	Streptococcus salivarius	4	99	98
								Lactobacillaceae	1	Lactobacillus	1	Lactobacillus delbrueckii	1	99	99
				Clostridia	48	Clostridiales	48	Acidaminococcaceae	1	Phascolarctobacterium	1	Phascolarctobacterium faecium	1	100	100
								Clostridiaceae	15	Clostridium	11	Clostridium cellulolyticum	1	90	90
												Clostridium xylanolyticum	4	95	95
												Clostridium bolteae	6	95	95
										Dorea	1	Dorea longicatena	1	99	99
										Faecalibacterium	3	Faecalibacterium prausnitzii	3	98	96
								Lachnospiraceae	27	Roseburia	6	Roseburia intestinalis	6	96	96
										Ruminococcus	20	Ruminococcus gnavus	2	100	100
												Ruminococcus bromii	3	98	98
												Ruminococcus obeum	11	97	96
												Ruminococcus hydrogenotrophicus	3	97	97
												Ruminococcus schinkii	1	92	92
										Lachnospira	1	Lachnospira pectinoschiza	1	98	98
								Eubacteriaceae	5	Eubacterium	5	Eubacterium ramulus	4	97	97
												Eubacterium ventriosum	1	99	99
		Bacteroidetes	25	Bacteroides (class)	25	Bacteroidales	25	Bacteroidaceae	25	Bacteroides	25	Bacteroides vulgatus	13	99	98
												Bacteroides distasonis	1	98	98
												Bacteroides ovatus	1	98	98
												Bacteroides stercoris	7	99	98
												Bacteroides caccae	3	99	95
		Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Uncultured bacterium clone REC6M_68	1	95	95
	84		84		84		84		84		84		84		

no. 3

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Blast Max%	Blast Min%
Bacteria	91	Proteobacteria	1	Alphaproteobacteria	1	Caulobacterales	1	Caulobacteraceae	1	Caulobacter	1	Caulobacter vibrioides	1	99	99
		Firmicutes	54	Bacilli	8	Bacillales	1	Bacillaceae	1	Bacillus	1	Bacillus subtilis	1	100	0
						Lactobacillales	7	Streptococcaceae	2	Streptococcus	2	Streptococcus salivarius	2	100	99
								Lactobacillaceae	5	Lactobacillus	5	Lactobacillus mucosae	5	100	99
				Clostridia	46	Clostridiales	46	Clostridiaceae	22	Clostridium	20	Clostridium lituseburense	12	97	95
												Clostridium disporicum	4	99	99
												Clostridium bolteae	4	99	95
										Dorea	1	Dorea longicatena	1	92	92
										Faecalibacterium	1	Faecalibacterium prausnitzii	1	98	98
								Lachnospiraceae	11	Roseburia	1	Roseburia intestinalis	1	96	96
										Ruminococcus	10	Ruminococcus productus	1	98	98
												Ruminococcus gnavus	4	100	98
												Ruminococcus torques	1	96	96
												Ruminococcus obeum	2	96	96
												Ruminococcus hydrogenotrophicus	1	97	97
												Ruminococcus luti	1	98	98
								Eubacteriaceae	13	Eubacterium	13	Eubacterium desmolans	1	97	97
												Eubacterium hallii	2	98	98
												Eubacterium rectale	10	99	98
		Bacteroidetes	25	Bacteroides (class)	25	Bacteroidales	25	Bacteroidaceae	25	Bacteroides	25	Bacteroides vulgatus	13	98	96
												Bacteroides merdae	2	99	96
												Bacteroides stercoris	9	92	92
												Bacteroides caccae	1	91	91
		Actinobacteria	11	Actinobacteria (class)	11	Coriobacteriales	8	Coriobacteriaceae	8	Collinsella	8	Collinsella aerofaciens	8	99	99
						Actinomycetales	1	Propionibacteriaceae	1	Propionibacterium	1	Propionibacterium acnes	1	96	96
						Bifidobacteriales	2	Bifidobacteriaceae	2	Bifidobacterium	2	Bifidobacterium adolescentis	2	97	97
	91		91		91		91		91		91		91		

no. 4

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Blast Max%	Blast Min%
Bacteria	91	Firmicutes	64	"Erysipelotrichi"	1	"Erysipelotrichales"	1	Erysipelotrichaceae	1	Erysipelotrichaceae Incertae Sedis	1	Clostridium ramosum	1	99	99
				Bacilli	3	Lactobacillales	3	Streptococcaceae	3	Streptococcus	3	Streptococcus salivarius	3	100	98
				Clostridia	60	Clostridiales	60	Clostridiaceae	23	Clostridium	14	Clostridium thermocellum	1	94	94
												Clostridium cellulolyticum	3	90	90
												Clostridium xylanolyticum	3	95	95
												Clostridium orbiscindens	1	92	92
												Clostridium saccharolyticum	1	93	93
												Clostridium hylemonae	1	94	94
												Clostridium hathewayi	1	95	95
												Clostridium bolteae	3	95	95
										Faecalibacterium	9	Faecalibacterium prausnitzii	9	98	92
								Lachnospiraceae	28	Roseburia	1	Roseburia intestinalis	1	100	100
										Ruminococcus	23	Ruminococcus obeum	17	99	96
												Ruminococcus hydrogenotrophicus	4	97	96
												Ruminococcus schinkii	2	96	96
										Lachnospira	1	Lachnospira pectinoschiza	1	95	95
										Anaerostipes	3	Anaerostipes caccae	3	96	95
								Eubacteriaceae	9	Eubacterium	9	Eubacterium desmolans	1	97	97
												Eubacterium eligens	2	98	92
												Eubacterium hallii	2	98	98
												Eubacterium rectale	2	99	98
												Eubacterium ventriosum	1	99	99
												Eubacterium xylanophilum	1	91	91
		Bacteroidetes	24	Bacteroides (class)	24	Bacteroidales	24	Bacteroidaceae	24	Bacteroides	20	Bacteroides fragilis	2	99	99
												Bacteroides vulgatus	11	98	97
												Bacteroides distasonis	1	86	86
												Bacteroides merdae	1	97	97
												Bacteroides caccae	4	96	96
												Bacteroides acidifaciens	1	98	98
										Megamonas	4	Megamonas hypermegale	4	96	96
		Actinobacteria	3	Actinobacteria (class)	3	Coriobacteriales	3	Coriobacteriaceae	3	Collinsella	3	Collinsella aerofaciens	3	99	98
	91		91		91		91		91		91		91		

no. 5

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Blast Max%	Blast Min%
Bacteria	86	Firmicutes	44	"Erysipelotrichi"	1	"Erysipelotrichales"	1	Erysipelotrichaceae	1	Erysipelotrichaceae Incertae Sedis	1	Eubacterium biforme	1	98	98
				Bacilli	1	Lactobacillales	1	Lactobacillaceae	1	Lactobacillus	1	Lactobacillus kimchii	1	99	99
				Clostridia	42	Clostridiales	42	Acidaminococcaceae	2	Mitsuokella	1	Mitsuokella multacida	1	98	98
										Papillibacter	1	Papillibacter cinnamivorans	1	90	90
								Clostridiaceae	13	Clostridium	4	Clostridium hathewayi	2	96	95
												Clostridium bolteae	2	95	95
										Faecalibacterium	9	Faecalibacterium prausnitzii	9	99	92
								Lachnospiraceae	14	Ruminococcus	13	Ruminococcus flavefaciens	3	89	89
												Ruminococcus torques	3	96	96
												Ruminococcus callidus	1	99	99
												Ruminococcus obeum	5	98	96
												Ruminococcus schinkii	1	96	96
										Pseudobutyrivibrio	1	Pseudobutyrivibrio ruminis	1	96	96
								Eubacteriaceae	13	Eubacterium	13	Eubacterium desmolans	1	96	96
												Eubacterium eligens	4	92	92
												Eubacterium hallii	2	98	98
												Eubacterium ramulus	1	97	97
												Eubacterium rectale	2	98	97
												Eubacterium ventriosum	1	99	99
												Eubacterium ruminantium	2	96	94
		Bacteroidetes	40	Bacteroides (class)	40	Bacteroidales	40	Bacteroidaceae	13	Bacteroides	11	Bacteroides vulgatus	1	98	98
												Bacteroides stercoris	2	90	90
												Bacteroides caccae	8	96	86
										Alistipes	2	Alistipes putredinis	2	94	94
								Prevotellaceae	27	Prevotella	27	Prevotella oulorum	23	93	87
												Prevotella bryantii	4	91	91
		Actinobacteria	1	Actinobacteria (class)	1	Coriobacteriales	1	Coriobacteriaceae	1	Collinsella	1	Collinsella aerofaciens	1	99	99
		Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Uncultured bacterium clone p-595-a5	1	98	98
	86		86		86		86		86		86		86		

no. 6

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Blast Max%	Blast Min%
Bacteria	92	Proteobacteria	3	Gammaproteobacteria	2	Enterobacteriales	1	Enterobacteriaceae	1	Escherichia	1	Escherichia coli	1	100	100
						Pasteurellales	1	Pasteurellaceae	1	Haemophilus	1	Haemophilus parainfluenzae	1	98	98
				Betaproteobacteria	1	Burkholderiales	1	Burkholderiaceae	1	Paucimonas	1	Paucimonas lemoignei	1	88	88
		Firmicutes	45	"Erysipelotrichi"	1	"Erysipelotrichales"	1	Erysipelotrichaceae	1	Erysipelotrichaceae Incertae Sedis	1	Clostridium spiroforme	1	94	94
				Bacilli	1	Bacillales	1	Turicibacteraceae	1	Turicibacter	1	Turicibacter sanguinis	1	99	99
				Clostridia	43	Clostridiales	43	Acidaminococcaceae	4	Dialister	3	Dialister invisus	3	97	96
										Papillibacter	1	Papillibacter cinnamivorans	1	89	89
								Clostridiaceae	17	Clostridium	6	Clostridium leptum	2	97	97
												Clostridium disporicum	1	99	99
												Clostridium hathewayi	1	95	95
												Clostridium bolteae	2	95	95
										Dorea	2	Dorea formicigenerans	2	99	99
										Faecalibacterium	9	Faecalibacterium prausnitzii	9	99	92
								Lachnospiraceae	14	Roseburia	2	Roseburia intestinalis	2	99	99
										Ruminococcus	10	Ruminococcus albus	3	91	91
												Ruminococcus torques	2	96	96
												Ruminococcus obeum	2	96	96
												Ruminococcus lactaris	1	97	97
												Ruminococcus luti	1	98	98
												Ruminococcus schinkii	1	95	95
										Catenibacterium	1	Catenibacterium mitsuokai	1	97	97
										Anaerostipes	1	Anaerostipes caccae	1	96	96
								Peptostreptococcaceae	1	Sporanaerobacter	1	Sporanaerobacter acetigenes	1	91	91
								Eubacteriaceae	7	Eubacterium	6	Eubacterium rectale	4	99	98
												Eubacterium ventriosum	1	99	99
												Eubacterium ruminantium	1	93	93
										Anaerovorax	1	Anaerovorax odorimutans	1	92	92
		Bacteroidetes	40	Bacteroides (class)	40	Bacteroidales	40	Bacteroidaceae	3	Bacteroides	2	Bacteroides stercoris	2	92	92
										Alistipes	1	Alistipes putredinis	1	97	97
								Prevotellaceae	37	Prevotella	37	Prevotella buccae	7	91	89
												Prevotella oulorum	29	93	92
												Prevotella dentalis	1	92	92
		Actinobacteria	2	Actinobacteria (class)	2	Coriobacteriales	2	Coriobacteriaceae	2	Collinsella	2	Collinsella aerofaciens	2	99	99
		Unclassified bacteria	2	Unclassified bacteria	2	Unclassified bacteria	2	Unclassified bacteria	2	Unclassified bacteria	2	Uncultured bacterium adhufec12.25	1	99	99
												Uncultured bacterium adhufec61.25	1	97	97
	92		92		92		92		92		92		92		

no. 7

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Blast Max%	Blast Min%
Bacteria	89	Firmicutes	83	"Erysipelotrichi"	5	"Erysipelotrichales"	5	Erysipelotrichaceae	5	Erysipelotrichaceae Incertae Sedis	5	Clostridium ramosum	1	99	99
												Eubacterium biforme	4	98	97
				Bacilli	2	Lactobacillales	2	Streptococcaceae	1	Streptococcus	1	Streptococcus salivarius	1	99	99
								Lactobacillaceae	1	Lactobacillus	1	Lactobacillus salivarius	1	100	0
				Clostridia	76	Clostridiales	76	Acidaminococcaceae	2	Megasphaera	1	Megasphaera micronuciformis	1	94	94
										Phascolarctobacterium	1	Phascolarctobacterium faecium	1	94	94
								Clostridiaceae	47	Clostridium	28	Clostridium cellulolyticum	1	90	90
												Clostridium colinum	1	95	95
												Clostridium viride	1	94	94
												Clostridium indolis	4	96	96
												Clostridium saccharolyticum	3	94	93
												Clostridium bolteae	18	96	95
										Dorea	12	Dorea formicigenerans	6	99	98
												Dorea longicatena	6	99	97
										Faecalibacterium	7	Faecalibacterium prausnitzii	7	98	93
								Lachnospiraceae	25	Ruminococcus	21	Ruminococcus flavefaciens	1	89	89
												Ruminococcus productus	3	98	98
												Ruminococcus obeum	6	99	96
												Ruminococcus lactaris	2	96	94
												Ruminococcus luti	9	98	97
										Anaerostipes	4	Anaerostipes caccae	4	96	96
								Eubacteriaceae	2	Eubacterium	2	Eubacterium hallii	2	98	98
		Bacteroidetes	5	Bacteroides (class)	5	Bacteroidales	5	Bacteroidaceae	5	Bacteroides	5	Bacteroides fragilis	2	100	100
												Bacteroides ovatus	1	98	98
												Bacteroides splanchnicus	1	97	97
												Bacteroides caccae	1	96	96
		Actinobacteria	1	Actinobacteria (class)	1	Coriobacteriales	1	Coriobacteriaceae	1	Collinsella	1	Collinsella stercoris	1	90	90
	89		89		89		89		89		89		89		

no. 8

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Blast Max%	Blast Min%
Bacteria	95	Proteobacteria	1	Betaproteobacteria	1	Burkholderiales	1	Oxalobacteraceae	1	Oxalobacter	1	Oxalobacter formigenes	1	93	93
		Firmicutes	74	"Erysipelotrichi"	7	"Erysipelotrichales"	7	Erysipelotrichaceae	7	Erysipelotrichaceae Incertae Sedis	7	Eubacterium biforme	2	98	98
												Clostridium spiroforme	5	94	93
				Bacilli	2	Bacillales	2	Turicibacteraceae	2	Turicibacter	2	Turicibacter sanguinis	2	99	99
				Clostridia	65	Clostridiales	65	Acidaminococcaceae	4	Acidaminococcus	2	Acidaminococcus fermentans	2	99	99
										Phascolarctobacterium	2	Phascolarctobacterium faecium	2	94	94
								Clostridiaceae	29	Clostridium	9	Clostridium lituseburense	1	97	97
												Clostridium orbiscindens	1	95	95
												Clostridium saccharolyticum	2	94	93
												Clostridium bolteae	5	95	94
										Sporobacter	1	Sporobacter termitidis	1	91	91
										Coprobacillus	1	Coprobacillus cateniformis	1	90	90
										Dorea	1	Dorea formicigenerans	1	99	99
										Faecalibacterium	17	Faecalibacterium prausnitzii	17	98	92
								Lachnospiraceae	15	Roseburia	3	Roseburia intestinalis	3	96	94
										Ruminococcus	10	Ruminococcus albus	6	95	89
												Ruminococcus flavefaciens	1	92	92
												Ruminococcus bromii	3	98	96
										Anaerostipes	2	Anaerostipes caccae	2	96	96
								Eubacteriaceae	17	Eubacterium	17	Eubacterium eligens	1	92	92
												Eubacterium rectale	16	99	98
		Bacteroidetes	17	Bacteroides (class)	17	Bacteroidales	17	Bacteroidaceae	17	Bacteroides	17	Bacteroides vulgatus	2	98	98
												Bacteroides stercoris	13	90	86
												Bacteroides caccae	2	96	90
		Actinobacteria	2	Actinobacteria (class)	2	Coriobacteriales	2	Coriobacteriaceae	2	Collinsella	2	Collinsella aerofaciens	2	99	99
		Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Uncultured bacterium clone F2	1	88	88
	95		95		95		95		95		95		95		

no. 9

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Blast Max%	Blast Min%
Bacteria	91	Firmicutes	75	"Erysipelotrichi"	4	"Erysipelotrichales"	4	Erysipelotrichaceae	4	Erysipelotrichaceae Incertae Sedis	4	Eubacterium biforme	4	99	99
				Bacilli	3	Lactobacillales	3	Lactobacillaceae	3	Lactobacillus	3	Lactobacillus ruminis	3	99	98
				Clostridia	68	Clostridiales	68	Acidaminococcaceae	15	Dialister	15	Dialister invisus	15	97	96
								Clostridiaceae	27	Clostridium	8	Clostridium cellulolyticum	3	89	88
												Clostridium lituseburense	3	97	97
												Clostridium viride	1	91	91
												Clostridium bolteae	1	95	95
										Dorea	7	Dorea longicatena	7	99	99
										Faecalibacterium	12	Faecalibacterium prausnitzii	12	99	93
								Lachnospiraceae	14	Roseburia	2	Roseburia intestinalis	2	99	96
										Ruminococcus	10	Ruminococcus obeum	5	98	96
												Ruminococcus luti	4	98	98
												Ruminococcus schinkii	1	96	96
										Catenibacterium	2	Catenibacterium mitsuokai	2	97	97
								Eubacteriaceae	12	Eubacterium	12	Eubacterium desmolans	2	97	96
												Eubacterium eligens	1	92	92
												Eubacterium hallii	1	98	98
												Eubacterium rectale	8	99	98
		Bacteroidetes	14	Bacteroides (class)	14	Bacteroidales	14	Bacteroidaceae	7	Bacteroides	2	Bacteroides vulgatus	1	98	98
												Bacteroides merdae	1	94	94
										Megamonas	5	Megamonas hypermegale	5	95	95
								Prevotellaceae	7	Prevotella	7	Prevotella oulorum	6	93	93
												Prevotella bryantii	1	91	91
		Actinobacteria	1	Actinobacteria (class)	1	Coriobacteriales	1	Coriobacteriaceae	1	Collinsella	1	Collinsella aerofaciens	1	99	99
		Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Uncultured bacterium clone p-595-a5	1	98	98
	91		91		91		91		91		91		91		

no. 10

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Blast Max%	Blast Min%
Bacteria	93	Firmicutes	68	"Erysipelotrichi"	3	"Erysipelotrichales"	3	Erysipelotrichaceae	3	Erysipelotrichaceae Incertae Sedis	3	Clostridium spiroforme	3	94	93
				Bacilli	2	Lactobacillales	2	Streptococcaceae	2	Streptococcus	2	Streptococcus salivarius	1	99	99
												Streptococcus sinensis	1	99	99
				Clostridia	63	Clostridiales	63	Clostridiaceae	45	Clostridium	14	Clostridium celerecrescens	1	95	95
												Clostridium irregulare	1	98	98
												Clostridium bolteae	12	95	95
										Dorea	1	Dorea longicatena	1	99	99
										Faecalibacterium	30	Faecalibacterium prausnitzii	30	99	92
								Lachnospiraceae	11	Roseburia	1	Roseburia intestinalis	1	99	99
										Ruminococcus	8	Ruminococcus obeum	5	96	96
												Ruminococcus lactaris	1	99	99
												Ruminococcus hydrogenotrophicus	1	97	97
												Ruminococcus luti	1	95	95
										Anaerostipes	2	Anaerostipes caccae	2	96	96
								Eubacteriaceae	7	Eubacterium	7	Eubacterium eligens	2	98	92
												Eubacterium hallii	2	98	98
												Eubacterium ramulus	1	97	97
												Eubacterium rectale	2	99	98
		Bacteroidetes	24	Bacteroides (class)	24	Bacteroidales	24	Bacteroidaceae	24	Bacteroides	24	Bacteroides vulgatus	3	98	98
												Bacteroides distasonis	2	98	86
												Bacteroides ovatus	2	93	93
												Bacteroides stercoris	16	92	90
												Bacteroides acidifaciens	1	98	98
		Actinobacteria	1	Actinobacteria (class)	1	Bifidobacteriales	1	Bifidobacteriaceae	1	Bifidobacterium	1	Bifidobacterium longum	1	99	99
	93		93		93		93		93		93		93		

no. 11

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Blast Max%	Blast Min%
Bacteria	91	Firmicutes	53	"Erysipelotrichi"	2	"Erysipelotrichales"	2	Erysipelotrichaceae	2	Erysipelotrichaceae Incertae Sedis	2	Clostridium spiroforme	2	94	94
				Clostridia	51	Clostridiales	51	Clostridiaceae	20	Clostridium	5	Clostridium bolteae	5	95	95
										Dorea	1	Dorea longicatena	1	99	99
										Faecalibacterium	14	Faecalibacterium prausnitzii	14	98	92
								Lachnospiraceae	25	Ruminococcus	20	Ruminococcus gnavus	2	100	98
												Ruminococcus torques	1	99	99
												Ruminococcus obeum	5	99	96
												Ruminococcus hydrogenotrophicus	1	97	97
												Ruminococcus luti	10	98	97
												Ruminococcus schinkii	1	97	97
										Lachnospira	1	Lachnospira pectinoschiza	1	96	96
										Anaerofilum	1	Anaerofilum pentosovorans	1	87	87
										Anaerostipes	3	Anaerostipes caccae	3	96	96
								Eubacteriaceae	6	Eubacterium	6	Eubacterium eligens	5	92	92
												Eubacterium hallii	1	99	99
		Bacteroidetes	32	Bacteroides (class)	32	Bacteroidales	32	Bacteroidaceae	32	Bacteroides	29	Bacteroides vulgatus	14	99	97
												Bacteroides distasonis	1	86	86
												Bacteroides merdae	2	99	99
												Bacteroides stercoris	7	99	98
												Bacteroides caccae	4	99	95
												Bacteroides acidifaciens	1	98	98
										Alistipes	3	Alistipes putredinis	3	97	97
		Actinobacteria	2	Actinobacteria (class)	2	Coriobacteriales	2	Coriobacteriaceae	2	Collinsella	2	Collinsella aerofaciens	2	99	99
		Unclassified bacteria	4	Unclassified bacteria	4	Unclassified bacteria	4	Unclassified bacteria	4	Unclassified bacteria	4	Uncultured bacterium adhufec84	1	95	95
												Uncultured bacterium adhufec12.25	2	99	99
												Uncultured bacterium ckncm323-B6-26	1	97	97
	91		91		91		91		91		91		91		

no. 12

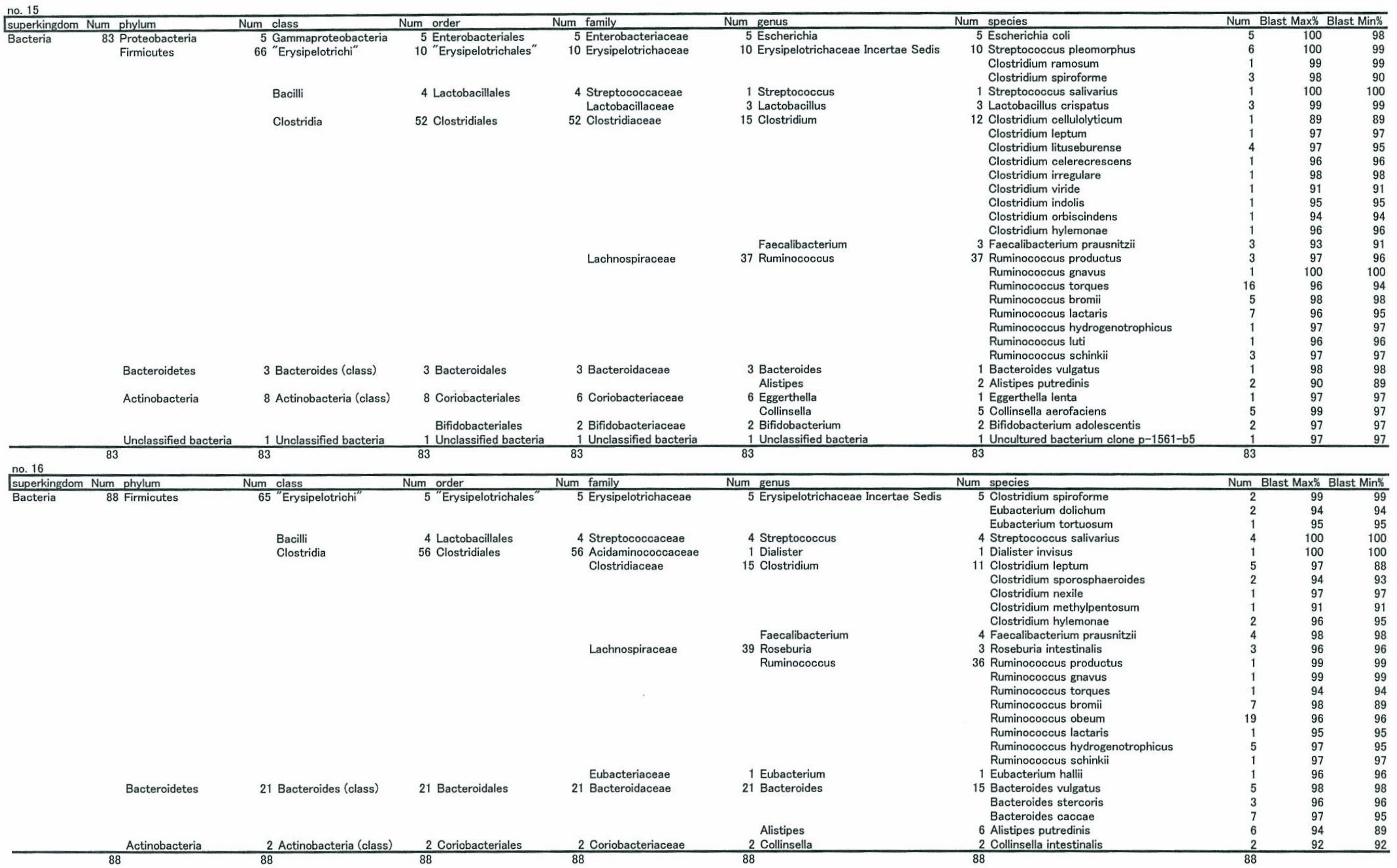
superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Blast Max%	Blast Min%
Bacteria	84	Firmicutes	52	Clostridia	52	Clostridiales	52	Acidaminococcaceae	1	Megasphaera	1	Megasphaera micronuciformis	1	92	92
								Clostridiaceae	38	Clostridium	7	Clostridium nexile	1	97	97
												Clostridium colinum	1	95	95
												Clostridium viride	1	90	90
												Clostridium hathewayi	1	96	96
												Clostridium bolteae	3	95	95
										Sporobacter	1	Sporobacter termitidis	1	91	91
										Dorea	1	Dorea longicatena	1	99	99
										Faecalibacterium	29	Faecalibacterium prausnitzii	29	98	96
								Lachnospiraceae	12	Ruminococcus	9	Ruminococcus bromii	2	92	92
												Ruminococcus obeum	2	99	99
												Ruminococcus hydrogenotrophicus	2	97	96
												Ruminococcus luti	3	98	98
										Anaerostipes	3	Anaerostipes caccae	3	96	96
								Eubacteriaceae	1	Eubacterium	1	Eubacterium desmolans	1	96	96
		Bacteroidetes	23	Bacteroides (class)	23	Bacteroidales	23	Bacteroidaceae	22	Bacteroides	21	Bacteroides vulgatus	8	98	95
												Bacteroides distasonis	1	86	86
												Bacteroides ovatus	2	99	94
												Bacteroides merdae	1	99	99
												Bacteroides stercoris	2	99	99
												Bacteroides caccae	7	96	86
										Alistipes	1	Alistipes putredinis	1	97	97
								Porphyromonadaceae	1	Dysgonomonas	1	Dysgonomonas mossii	1	84	84
		Actinobacteria	8	Actinobacteria (class)	8	Coriobacteriales	6	Coriobacteriaceae	6	Collinsella	6	Collinsella aerofaciens	6	99	96
						Bifidobacteriales	2	Bifidobacteriaceae	2	Bifidobacterium	2	Bifidobacterium adolescentis	2	97	95
		Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Uncultured bacterium adhufec84	1	95	95
	84		84		84		84		84		84		84		

no. 13

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Blast Max%	Blast Min%
Bacteria	90	Firmicutes	34	"Erysipelotrichi"	3	"Erysipelotrichales"	3	Erysipelotrichaceae	3	Erysipelotrichaceae Incertae Sedis	3	Clostridium spiroforme	3	94	89
				Bacilli	1	Lactobacillales	1	Enterococcaceae	1	Enterococcus	1	Enterococcus hirae	1	100	100
				Clostridia	30	Clostridiales	30	Acidaminococcaceae	1	Megasphaera	1	Megasphaera micronuciformis	1	91	91
								Clostridiaceae	15	Clostridium	4	Clostridium celerecrescens	1	95	95
												Clostridium orbiscindens	1	100	100
												Clostridium bolteae	2	95	95
										Dorea	4	Dorea formicigenerans	1	99	99
												Dorea longicatena	3	99	99
										Faecalibacterium	7	Faecalibacterium prausnitzii	7	99	98
								Lachnospiraceae	13	Ruminococcus	13	Ruminococcus obeum	5	99	96
												Ruminococcus hydrogenotrophicus	1	97	97
												Ruminococcus luti	6	98	98
												Ruminococcus schinkii	1	95	95
								Eubacteriaceae	1	Eubacterium	1	Eubacterium ventriosum	1	97	97
		Bacteroidetes	54	Bacteroides (class)	54	Bacteroidales	54	Bacteroidaceae	54	Bacteroides	54	Bacteroides vulgatus	6	99	96
												Bacteroides eggerthii	9	98	98
												Prevotella heparinolytica	1	90	90
												Bacteroides ovatus	1	99	99
												Bacteroides stercoris	33	99	92
												Bacteroides caccae	3	99	86
												Bacteroides acidifaciens	1	98	98
		Unclassified bacteria	2	Unclassified bacteria	2	Unclassified bacteria	2	Unclassified bacteria	2	Unclassified bacteria	2	Uncultured bacterium adhufec12.25	2	99	99
	90		90		90		90		90		90		90		

no. 14

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Blast Max%	Blast Min%
Bacteria	96	Firmicutes	93	"Erysipelotrichi"	1	"Erysipelotrichales"	1	Erysipelotrichaceae	1	Erysipelotrichaceae Incertae Sedis	1	Clostridium ramosum	1	99	99
				Bacilli	13	Lactobacillales	13	Streptococcaceae	12	Streptococcus	12	Streptococcus salivarius	6	100	99
												Streptococcus lutetiensis	6	100	99
								Enterococcaceae	1	Enterococcus	1	Enterococcus hirae	1	99	99
				Clostridia	79	Clostridiales	79	Clostridiaceae	42	Clostridium	33	Clostridium bolteae	33	99	95
										Dorea	4	Dorea longicatena	4	99	99
										Faecalibacterium	5	Faecalibacterium prausnitzii	5	92	92
								Lachnospiraceae	28	Ruminococcus	28	Ruminococcus productus	1	97	97
												Ruminococcus gnavus	4	100	98
												Ruminococcus obeum	23	99	96
								Eubacteriaceae	9	Eubacterium	9	Eubacterium hallii	5	99	97
												Eubacterium rectale	4	99	98
		Bacteroidetes	1	Bacteroides (class)	1	Bacteroidales	1	Bacteroidaceae	1	Bacteroides	1	Bacteroides stercoris	1	99	99
		Actinobacteria	1	Actinobacteria (class)	1	Actinomycetales	1	Actinomycetaceae	1	Actinomyces	1	Actinomyces naeslundii	1	98	98
		Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Uncultured bacterium clone p-2823-6C5	1	96	96
	96		96		96		96		96		96		96		



no. 15

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Blast Max%	Blast Min%
Bacteria	83	Proteobacteria	5	Gammaproteobacteria	5	Enterobacteriales	5	Enterobacteriaceae	5	Escherichia	5	Escherichia coli	5	100	98
		Firmicutes	66	"Erysipelotrichi"	10	"Erysipelotrichales"	10	Erysipelotrichaceae	10	Erysipelotrichaceae Incertae Sedis	10	Streptococcus pleomorphus	6	100	99
												Clostridium ramosum	1	99	99
												Clostridium spiroforme	3	98	90
				Bacilli	4	Lactobacillales	4	Streptococcaceae	1	Streptococcus	1	Streptococcus salivarius	1	100	100
								Lactobacillaceae	3	Lactobacillus	3	Lactobacillus crispatus	3	99	99
				Clostridia	52	Clostridiales	52	Clostridiaceae	15	Clostridium	12	Clostridium cellulolyticum	1	89	89
												Clostridium leptum	1	97	97
												Clostridium lituseburense	4	97	95
												Clostridium celerecrescens	1	96	96
												Clostridium irregulare	1	98	98
												Clostridium viride	1	91	91
												Clostridium indolis	1	95	95
												Clostridium orbiscindens	1	94	94
												Clostridium hylemonae	1	96	96
										Faecalibacterium	3	Faecalibacterium prausnitzii	3	93	91
								Lachnospiraceae	37	Ruminococcus	37	Ruminococcus productus	3	97	96
												Ruminococcus gnavus	1	100	100
												Ruminococcus torques	16	96	94
												Ruminococcus bromii	5	98	98
												Ruminococcus lactaris	7	96	95
												Ruminococcus hydrogenotrophicus	1	97	97
												Ruminococcus luti	1	96	96
												Ruminococcus schinkii	3	97	97
		Bacteroidetes	3	Bacteroides (class)	3	Bacteroidales	3	Bacteroidaceae	3	Bacteroides	1	Bacteroides vulgatus	1	98	98
										Alistipes	2	Alistipes putredinis	2	90	89
		Actinobacteria	8	Actinobacteria (class)	8	Coriobacteriales	6	Coriobacteriaceae	6	Eggerthella	1	Eggerthella lenta	1	97	97
										Collinsella	5	Collinsella aerofaciens	5	99	97
						Bifidobacteriales	2	Bifidobacteriaceae	2	Bifidobacterium	2	Bifidobacterium adolescentis	2	97	97
		Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Uncultured bacterium clone p-1561-b5	1	97	97
	83		83		83		83		83		83		83		

no. 16

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Blast Max%	Blast Min%
Bacteria	88	Firmicutes	65	"Erysipelotrichi"	5	"Erysipelotrichales"	5	Erysipelotrichaceae	5	Erysipelotrichaceae Incertae Sedis	5	Clostridium spiroforme	2	99	99
												Eubacterium dolichum	2	94	94
												Eubacterium tortuosum	1	95	95
				Bacilli	4	Lactobacillales	4	Streptococcaceae	4	Streptococcus	4	Streptococcus salivarius	4	100	100
				Clostridia	56	Clostridiales	56	Acidaminococcaceae	1	Dialister	1	Dialister invisus	1	100	100
								Clostridiaceae	15	Clostridium	11	Clostridium leptum	5	97	88
												Clostridium sporosphaeroides	2	94	93
												Clostridium nexile	1	97	97
												Clostridium methylpentosum	1	91	91
												Clostridium hylemonae	2	96	95
										Faecalibacterium	4	Faecalibacterium prausnitzii	4	98	98
								Lachnospiraceae	39	Roseburia	3	Roseburia intestinalis	3	96	96
										Ruminococcus	36	Ruminococcus productus	1	99	99
												Ruminococcus gnavus	1	99	99
												Ruminococcus torques	1	94	94
												Ruminococcus bromii	7	98	89
												Ruminococcus obeum	19	96	96
												Ruminococcus lactaris	1	95	95
												Ruminococcus hydrogenotrophicus	5	97	95
												Ruminococcus schinkii	1	97	97
								Eubacteriaceae	1	Eubacterium	1	Eubacterium hallii	1	96	96
		Bacteroidetes	21	Bacteroides (class)	21	Bacteroidales	21	Bacteroidaceae	21	Bacteroides	15	Bacteroides vulgatus	5	98	98
												Bacteroides stercoris	3	96	96
												Bacteroides caccae	7	97	95
										Alistipes	6	Alistipes putredinis	6	94	89
		Actinobacteria	2	Actinobacteria (class)	2	Coriobacteriales	2	Coriobacteriaceae	2	Collinsella	2	Collinsella intestinalis	2	92	92
	88		88		88		88		88		88		88		

no. 17

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Blast Max%	Blast Min%
Bacteria	85	Firmicutes	37	Bacilli	1	Bacillales	1	Turicibacteraceae	1	Turicibacter	1	Turicibacter sanguinis	1	99	99
				Clostridia	36	Clostridiales	36	Acidaminococcaceae	1	Phascolarctobacterium	1	Phascolarctobacterium faecium	1	94	94
								Clostridiaceae	19	Clostridium	7	Clostridium sphenoides	1	94	94
												Clostridium disporicum	2	99	96
												Clostridium orbiscindens	2	96	95
												Clostridium algidixylanolyticum	1	93	93
												Clostridium hathewayi	1	99	99
										Faecalibacterium	12	Faecalibacterium prausnitzii	12	98	96
								Lachnospiraceae	11	Ruminococcus	10	Ruminococcus flavefaciens	1	93	93
												Ruminococcus torques	1	96	96
												Ruminococcus obeum	2	96	96
												Ruminococcus lactaris	1	97	97
												Ruminococcus luti	5	98	98
										Anaerostipes	1	Anaerostipes caccae	1	96	96
								Eubacteriaceae	5	Eubacterium	4	Eubacterium hallii	1	98	98
												Eubacterium rectale	2	99	97
												Eubacterium ruminantium	1	96	96
										Anaerovorax	1	Anaerovorax odorimutans	1	91	91
		Bacteroidetes	44	Bacteroides (class)	44	Bacteroidales	44	Bacteroidaceae	15	Bacteroides	15	Bacteroides vulgatus	1	99	99
												Bacteroides merdae	2	99	99
												Bacteroides stercoris	9	98	90
												Bacteroides caccae	3	99	90
								Prevotellaceae	29	Prevotella	29	Prevotella bivia	1	90	90
												Prevotella corporis	1	91	91
												Prevotella oulorum	27	93	87
		Actinobacteria	3	Actinobacteria (class)	3	Coriobacteriales	3	Coriobacteriaceae	3	Slackia	1	Slackia exigua	1	90	90
										Collinsella	2	Collinsella aerofaciens	2	99	98
		Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Uncultured bacterium adhufec61.25	1	95	95
	85		85		85		85		85		85		85		

no. 18

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Blast Max%	Blast Min%
Bacteria	89	Proteobacteria	2	Gammaproteobacteria	1	Enterobacteriales	1	Enterobacteriaceae	1	Escherichia	1	Escherichia coli	1	100	100
				Betaproteobacteria	1	Burkholderiales	1	Burkholderiaceae	1	Ralstonia	1	Ralstonia oxalatica	1	89	89
		Firmicutes	56	″Erysipelotrichi″	9	″Erysipelotrichales″	9	Erysipelotrichaceae	9	Erysipelotrichaceae Incertae Sedis	9	Clostridium ramosum	1	99	99
												Clostridium spiroforme	8	94	91
				Bacilli	1	Lactobacillales	1	Streptococcaceae	1	Streptococcus	1	Streptococcus salivarius	1	100	100
				Clostridia	46	Clostridiales	46	Clostridiaceae	15	Clostridium	7	Clostridium papyrosolvens	2	88	88
												Clostridium viride	2	94	91
												Clostridium hathewayi	2	96	96
												Clostridium bolteae	1	95	95
										Dorea	4	Dorea formicigenerans	2	99	99
												Dorea longicatena	2	99	99
										Faecalibacterium	4	Faecalibacterium prausnitzii	4	98	91
								Lachnospiraceae	28	Ruminococcus	27	Ruminococcus productus	3	98	98
												Ruminococcus gnavus	2	100	99
												Ruminococcus obeum	14	99	96
												Ruminococcus hydrogenotrophicus	2	97	92
												Ruminococcus luti	5	98	97
												Ruminococcus schinkii	1	96	96
										Anaerostipes	1	Anaerostipes caccae	1	96	96
								Eubacteriaceae	3	Eubacterium	3	Eubacterium desmolans	2	97	93
												Eubacterium rectale	1	99	99
		Bacteroidetes	28	Bacteroides (class)	28	Bacteroidales	28	Bacteroidaceae	28	Bacteroides	28	Bacteroides vulgatus	7	98	96
												Bacteroides ovatus	4	98	93
												Bacteroides stercoris	16	99	90
												Bacteroides caccae	1	96	96
		Actinobacteria	3	Actinobacteria (class)	3	Coriobacteriales	3	Coriobacteriaceae	3	Collinsella	3	Collinsella aerofaciens	3	99	97
	89		89		89		89		89		89		89		

no. 19

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Blast Max%	Blast Min%
Bacteria	93	Firmicutes	61	"Erysipelotrichi"	4	"Erysipelotrichales"	4	Erysipelotrichaceae	4	Erysipelotrichaceae Incertae Sedis	4	Clostridium ramosum	1	99	99
												Clostridium spiroforme	3	94	93
				Bacilli	1	Lactobacillales	1	Streptococcaceae	1	Streptococcus	1	Streptococcus salivarius	1	99	99
				Clostridia	56	Clostridiales	56	Acidaminococcaceae	2	Phascolarctobacterium	2	Phascolarctobacterium faecium	2	100	100
								Clostridiaceae	37	Clostridium	25	Clostridium cellulolyticum	7	90	88
												Clostridium leptum	1	97	97
												Clostridium nexile	1	99	99
												Clostridium populeti	1	92	92
												Clostridium orbiscindens	2	97	91
												Clostridium bolteae	13	95	95
										Coprobacillus	1	Coprobacillus cateniformis	1	98	98
										Dorea	1	Dorea formicigenerans	1	98	98
										Faecalibacterium	10	Faecalibacterium prausnitzii	10	92	91
								Lachnospiraceae	15	Ruminococcus	14	Ruminococcus albus	1	95	95
												Ruminococcus gnavus	1	99	99
												Ruminococcus obeum	3	98	96
												Ruminococcus luti	1	95	95
												Ruminococcus schinkii	8	97	95
										Lachnospira	1	Lachnospira pectinoschiza	1	98	98
								Eubacteriaceae	2	Eubacterium	2	Eubacterium eligens	1	92	92
												Eubacterium ventriosum	1	94	94
		Fusobacteria	1	Fusobacteria (class)	1	Fusobacterales	1	Fusobacteriaceae	1	Fusobacterium	1	Fusobacterium ulcerans	1	99	99
		Bacteroidetes	24	Bacteroides (class)	24	Bacteroidales	24	Bacteroidaceae	24	Bacteroides	24	Bacteroides vulgatus	1	99	99
												Bacteroides ovatus	2	98	93
												Bacteroides merdae	4	99	99
												Bacteroides stercoris	6	99	99
												Bacteroides caccae	5	99	99
												Bacteroides acidifaciens	6	98	98
		Actinobacteria	7	Actinobacteria (class)	7	Coriobacteriales	7	Coriobacteriaceae	7	Collinsella	7	Collinsella aerofaciens	7	99	99
	93		93		93		93		93		93		93		

no. 20

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Blast Max%	Blast Min%
Bacteria	93	Proteobacteria	1	Betaproteobacteria	1	Burkholderiales	1	Oxalobacteraceae	1	Oxalobacter	1	Oxalobacter formigenes	1	93	93
		Firmicutes	71	"Erysipelotrichi"	4	"Erysipelotrichales"	4	Erysipelotrichaceae	4	Erysipelotrichaceae Incertae Sedis	4	Eubacterium dolichum	4	96	96
				Bacilli	1	Bacillales	1	Turicibacteraceae	1	Turicibacter	1	Turicibacter sanguinis	1	99	99
				Clostridia	66	Clostridiales	66	Acidaminococcaceae	1	Phascolarctobacterium	1	Phascolarctobacterium faecium	1	98	98
								Clostridiaceae	14	Clostridium	9	Clostridium cellulolyticum	1	90	90
												Clostridium glycolicum	1	99	99
												Clostridium hathewayi	2	95	95
												Clostridium bolteae	5	96	95
										Dorea	5	Dorea longicatena	5	99	99
								Lachnospiraceae	43	Roseburia	9	Roseburia intestinalis	9	100	99
										Ruminococcus	27	Ruminococcus gnavus	9	100	97
												Ruminococcus torques	5	99	93
												Ruminococcus obeum	6	96	96
												Ruminococcus lactaris	2	96	96
												Ruminococcus hydrogenotrophicus	2	97	96
												Ruminococcus luti	3	98	98
										Lachnospira	7	Lachnospira pectinoschiza	7	98	98
								Eubacteriaceae	8	Eubacterium	8	Eubacterium hallii	1	98	98
												Eubacterium rectale	6	99	98
												Eubacterium ventriosum	1	94	94
		Bacteroidetes	13	Bacteroides (class)	13	Bacteroidales	13	Bacteroidaceae	13	Bacteroides	7	Bacteroides vulgatus	2	98	95
												Bacteroides distasonis	1	86	86
												Bacteroides ovatus	2	98	93
												Bacteroides stercoris	1	93	93
												Bacteroides caccae	1	95	95
										Megamonas	3	Megamonas hypermegale	3	97	95
										Alistipes	3	Alistipes putredinis	3	97	90
		Actinobacteria	5	Actinobacteria (class)	5	Coriobacteriales	4	Coriobacteriaceae	4	Collinsella	3	Collinsella aerofaciens	3	99	96
										Olsenella	1	Olsenella uli	1	93	93
						Bifidobacteriales	1	Bifidobacteriaceae	1	Bifidobacterium	1	Bifidobacterium angulatum	1	99	99
		Unclassified bacteria	3	Unclassified bacteria	3	Unclassified bacteria	3	Unclassified bacteria	3	Unclassified bacteria	3	Uncultured bacterium clone REC6M_29	1	94	94
												Uncultured bacterium adhufec12.25	2	92	92
	93		93		93		93		93		93		93		

no. 21

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Blast Max%	Blast Min%
Bacteria	90	Firmicutes	88	"Erysipelotrichi"	20	"Erysipelotrichales"	20	Erysipelotrichaceae	20	Erysipelotrichaceae Incertae Sedis	20	Clostridium spiroforme	20	94	93
				Clostridia	68	Clostridiales	68	Clostridiaceae	7	Clostridium	4	Clostridium bolteae	4	95	95
										Dorea	3	Dorea formicigenerans	2	99	99
												Dorea longicatena	1	99	99
								Lachnospiraceae	59	Ruminococcus	54	Ruminococcus productus	3	98	97
												Ruminococcus gnavus	2	100	100
												Ruminococcus obeum	31	97	96
												Ruminococcus hydrogenotrophicus	7	97	97
												Ruminococcus schinkii	11	97	95
										Anaerostipes	5	Anaerostipes caccae	5	96	96
								Eubacteriaceae	2	Eubacterium	2	Eubacterium hallii	2	98	98
		Actinobacteria	2	Actinobacteria (class)	2	Coriobacteriales	1	Coriobacteriaceae	1	Eggerthella	1	Eggerthella lenta	1	99	99
						Actinomycetales	1	Propionibacteriaceae	1	Propionibacterium	1	Propionibacterium acnes	1	98	98
	90		90		90		90		90		90		90		

no. 22

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Blast Max%	Blast Min%
Bacteria	91	Proteobacteria	1	Betaproteobacteria	1	Burkholderiales	1	Oxalobacteraceae	1	Oxalobacter	1	Oxalobacter formigenes	1	93	93
		Firmicutes	64	"Erysipelotrichi"	12	"Erysipelotrichales"	12	Erysipelotrichaceae	12	Erysipelotrichaceae Incertae Sedis	12	Eubacterium biforme	1	98	98
												Clostridium spiroforme	11	94	93
				Bacilli	12	Bacillales	1	Bacillaceae	1	Bacillus	1	Bacillus subtilis	1	100	0
						Lactobacillales	11	Streptococcaceae	11	Streptococcus	11	Streptococcus salivarius	3	99	99
												Streptococcus lutetiensis	8	100	100
				Clostridia	40	Clostridiales	40	Acidaminococcaceae	5	Acidaminococcus	3	Acidaminococcus fermentans	3	98	98
										Phascolarctobacterium	1	Phascolarctobacterium faecium	1	94	94
										Allisonella	1	Allisonella histaminiformans	1	99	99
								Clostridiaceae	14	Clostridium	7	Clostridium clostridioforme	2	91	91
												Clostridium celerecrescens	1	95	95
												Clostridium nexile	1	99	99
												Clostridium bolteae	3	95	91
										Faecalibacterium	7	Faecalibacterium prausnitzii	7	98	98
								Lachnospiraceae	15	Ruminococcus	7	Ruminococcus obeum	2	99	96
												Ruminococcus lactaris	3	99	99
												Ruminococcus hydrogenotrophicus	1	97	97
												Ruminococcus luti	1	98	98
										Lachnospira	2	Lachnospira pectinoschiza	2	96	96
										Shuttleworthia	1	Shuttleworthia satelles	1	90	90
										Anaerostipes	5	Anaerostipes caccae	5	96	96
								Eubacteriaceae	6	Eubacterium	6	Eubacterium desmolans	1	97	97
												Eubacterium rectale	5	99	98
		Bacteroidetes	24	Bacteroides (class)	24	Bacteroidales	24	Bacteroidaceae	2	Bacteroides	2	Bacteroides vulgatus	1	99	99
												Bacteroides caccae	1	95	95
								Prevotellaceae	22	Prevotella	22	Prevotella melaninogenica	1	90	90
												Prevotella oulorum	17	93	90
												Prevotella bryantii	4	91	90
		Actinobacteria	1	Actinobacteria (class)	1	Coriobacteriales	1	Coriobacteriaceae	1	Collinsella	1	Collinsella aerofaciens	1	98	98
		Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Uncultured bacterium clone F3	1	88	88
	91		91		91		91		91		91		91		

no. 23

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Blast Max%	Blast Min%
Bacteria	86	Proteobacteria	2	Gammaproteobacteria	2	Enterobacteriales	2	Enterobacteriaceae	2	Escherichia	2	Escherichia coli	2	100	100
		Firmicutes	67	"Erysipelotrichi"	1	"Erysipelotrichales"	1	Erysipelotrichaceae	1	Erysipelotrichaceae Incertae Sedis	1	Clostridium spiroforme	1	92	92
				Clostridia	66	Clostridiales	66	Acidaminococcaceae	3	Megasphaera	2	Megasphaera micronuciformis	2	96	96
										Phascolarctobacterium	1	Phascolarctobacterium faecium	1	100	100
								Clostridiaceae	10	Clostridium	10	Clostridium nexile	2	99	99
												Clostridium hylemonae	4	97	97
												Clostridium bolteae	4	99	95
								Lachnospiraceae	43	Ruminococcus	33	Ruminococcus gnavus	3	100	99
												Ruminococcus obeum	16	99	96
												Ruminococcus hydrogenotrophicus	6	97	95
												Ruminococcus luti	7	98	98
												Ruminococcus schinkii	1	97	97
										Anaerostipes	10	Anaerostipes caccae	10	96	95
								Eubacteriaceae	10	Eubacterium	10	Eubacterium rectale	7	99	98
												Eubacterium ventriosum	3	99	99
		Bacteroidetes	17	Bacteroides (class)	17	Bacteroidales	17	Bacteroidaceae	17	Bacteroides	15	Bacteroides fragilis	1	100	100
												Bacteroides vulgatus	3	98	98
												Bacteroides stercoris	9	90	88
												Bacteroides caccae	1	91	91
												Bacteroides acidifaciens	1	98	98
										Alistipes	2	Alistipes putredinis	2	97	97
	86		86		86		86		86		86		86		

no. 24

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Blast Max%	Blast Min%
Bacteria	79	Firmicutes	52	"Erysipelotrichi"	1	"Erysipelotrichales"	1	Erysipelotrichaceae	1	Erysipelotrichaceae Incertae Sedis	1	Clostridium spiroforme	1	94	94
				Clostridia	51	Clostridiales	51	Acidaminococcaceae	1	Phascolarctobacterium	1	Phascolarctobacterium faecium	1	94	94
								Clostridiaceae	21	Clostridium	11	Clostridium cellulolyticum	1	90	90
												Clostridium leptum	1	93	93
												Clostridium sporosphaeroides	1	83	83
												Clostridium argentinense	1	88	88
												Clostridium orbiscindens	1	93	93
												Clostridium hathewayi	2	95	95
												Clostridium bolteae	4	95	95
										Dorea	6	Dorea formicigenerans	4	99	99
												Dorea longicatena	2	99	99
										Faecalibacterium	4	Faecalibacterium prausnitzii	4	98	92
								Lachnospiraceae	16	Ruminococcus	12	Ruminococcus obeum	5	96	96
												Ruminococcus lactaris	2	99	99
												Ruminococcus luti	5	98	96
										Lachnospira	2	Lachnospira pectinoschiza	2	96	96
										Anaerostipes	2	Anaerostipes caccae	2	96	96
								Eubacteriaceae	13	Eubacterium	13	Eubacterium desmolans	1	96	96
												Eubacterium hallii	7	98	98
												Eubacterium rectale	5	99	98
		Bacteroidetes	23	Bacteroides (class)	23	Bacteroidales	23	Bacteroidaceae	9	Bacteroides	7	Bacteroides vulgatus	2	98	98
												Bacteroides distasonis	3	99	86
												Bacteroides merdae	1	99	99
												Bacteroides stercoris	1	98	98
										Megamonas	1	Megamonas hypermegale	1	89	89
										Alistipes	1	Alistipes putredinis	1	94	94
								Prevotellaceae	14	Prevotella	14	Prevotella oulorum	14	93	93
		Actinobacteria	4	Actinobacteria (class)	4	Coriobacteriales	4	Coriobacteriaceae	4	Collinsella	4	Collinsella aerofaciens	4	99	98
	79		79		79		79		79		79		79		

no. 25

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Blast Max%	Blast Min%
Bacteria	93	Firmicutes	81	"Erysipelotrichi"	2	"Erysipelotrichales"	2	Erysipelotrichaceae	2	Erysipelotrichaceae Incertae Sedis	2	Clostridium ramosum	1	99	99
												Eubacterium dolichum	1	96	96
				Bacilli	1	Lactobacillales	1	Streptococcaceae	1	Streptococcus	1	Streptococcus sinensis	1	99	99
				Clostridia	78	Clostridiales	78	Clostridiaceae	22	Clostridium	20	Clostridium cellulolyticum	2	90	90
												Clostridium lituseburense	2	97	97
												Clostridium celerecrescens	1	95	95
												Clostridium irregulare	1	98	98
												Clostridium nexile	1	99	99
												Clostridium sphenoides	1	94	94
												Clostridium xylanolyticum	1	95	95
												Clostridium viride	1	89	89
												Clostridium orbiscindens	1	94	94
												Clostridium saccharolyticum	1	96	96
												Clostridium hathewayi	3	96	96
												Clostridium bolteae	5	99	95
										Faecalibacterium	2	Faecalibacterium prausnitzii	2	93	93
								Lachnospiraceae	51	Ruminococcus	46	Ruminococcus gnavus	4	100	99
												Ruminococcus torques	16	96	94
												Ruminococcus obeum	13	99	96
												Ruminococcus lactaris	7	96	96
												Ruminococcus hydrogenotrophicus	4	97	96
												Ruminococcus schinkii	2	97	97
										Anaerostipes	5	Anaerostipes caccae	5	96	96
								Eubacteriaceae	5	Eubacterium	5	Eubacterium hallii	5	99	98
		Bacteroidetes	11	Bacteroides (class)	11	Bacteroidales	11	Bacteroidaceae	11	Bacteroides	11	Bacteroides thetaiotaomicron	5	99	98
												Bacteroides vulgatus	1	98	98
												Bacteroides distasonis	5	98	97
		Actinobacteria	1	Actinobacteria (class)	1	Coriobacteriales	1	Coriobacteriaceae	1	Eggerthella	1	Eggerthella lenta	1	99	99
	93		93		93		93		93		93		93		

no. 26

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Blast Max%	Blast Min%
Bacteria	83	Firmicutes	75	"Erysipelotrichi"	25	"Erysipelotrichales"	25	Erysipelotrichaceae	25	Erysipelotrichaceae Incertae Sedis	25	Eubacterium biforme	25	98	97
				Bacilli	5	Lactobacillales	5	Streptococcaceae	5	Streptococcus	5	Streptococcus macedonicus	5	100	99
				Clostridia	45	Clostridiales	45	Clostridiaceae	18	Clostridium	10	Clostridium sporosphaeroides	3	94	91
												Clostridium populeti	1	90	90
												Clostridium orbiscindens	1	96	96
												Clostridium bolteae	5	95	95
										Faecalibacterium	8	Faecalibacterium prausnitzii	8	99	92
								Lachnospiraceae	25	Ruminococcus	17	Ruminococcus obeum	5	97	96
												Ruminococcus hydrogenotrophicus	11	97	95
												Ruminococcus schinkii	1	95	95
										Lachnospira	4	Lachnospira pectinoschiza	4	96	95
										Anaerostipes	4	Anaerostipes caccae	4	96	95
								Eubacteriaceae	2	Eubacterium	2	Eubacterium desmolans	1	96	96
												Eubacterium ramulus	1	97	97
		Bacteroidetes	6	Bacteroides (class)	6	Bacteroidales	6	Bacteroidaceae	6	Bacteroides	6	Bacteroides vulgatus	3	98	97
												Bacteroides ovatus	2	99	98
												Bacteroides caccae	1	96	96
		Actinobacteria	1	Actinobacteria (class)	1	Coriobacteriales	1	Coriobacteriaceae	1	Eggerthella	1	Eggerthella lenta	1	88	88
		Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Uncultured bacterium clone REC1M_48	1	95	95
	83		83		83		83		83		83		83		

no. 27

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Blast Max%	Blast Min%
Bacteria	80	Proteobacteria	1	Gammaproteobacteria	1	Enterobacteriales	1	Enterobacteriaceae	1	Escherichia	1	Escherichia coli	1	99	99
		Firmicutes	44	"Erysipelotrichi"	2	"Erysipelotrichales"	2	Erysipelotrichaceae	2	Erysipelotrichaceae Incertae Sedis	2	Clostridium spiroforme	2	93	93
				Bacilli	8	Lactobacillales	8	Streptococcaceae	8	Streptococcus	8	Streptococcus lutetiensis	7	100	99
												Streptococcus sinensis	1	99	99
				Clostridia	34	Clostridiales	34	Acidaminococcaceae	2	Dialister	2	Dialister invisus	2	96	96
								Clostridiaceae	18	Clostridium	11	Clostridium cellulolyticum	1	89	89
												Clostridium lituseburense	6	97	96
												Clostridium indolis	1	96	96
												Clostridium disporicum	1	100	100
												Clostridium bolteae	2	95	95
										Dorea	1	Dorea longicatena	1	99	99
										Faecalibacterium	6	Faecalibacterium prausnitzii	6	98	97
								Lachnospiraceae	13	Ruminococcus	12	Ruminococcus albus	1	95	95
												Ruminococcus bromii	5	99	98
												Ruminococcus callidus	1	99	99
												Ruminococcus obeum	4	96	96
												Ruminococcus luti	1	98	98
										Anaerostipes	1	Anaerostipes caccae	1	96	96
								Eubacteriaceae	1	Eubacterium	1	Eubacterium rectale	1	99	99
		Bacteroidetes	30	Bacteroides (class)	30	Bacteroidales	30	Bacteroidaceae	9	Bacteroides	9	Bacteroides merdae	1	95	95
												Bacteroides stercoris	8	92	90
								Prevotellaceae	21	Prevotella	21	Prevotella melaninogenica	1	90	90
												Prevotella oulorum	16	93	90
												Prevotella albensis	4	90	86
		Actinobacteria	5	Actinobacteria (class)	5	Coriobacteriales	3	Coriobacteriaceae	3	Collinsella	3	Collinsella aerofaciens	3	99	98
						Actinomycetales	1	Actinomycetaceae	1	Unclassified Actinomycetaceae	1	nitropropanol-degrading bacterium NPOH1	1	84	84
						Bifidobacteriales	1	Bifidobacteriaceae	1	Bifidobacterium	1	Bifidobacterium adolescentis	1	97	97
	80		80		80		80		80		80		80		

no. 28

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Blast Max%	Blast Min%
Bacteria	83	Firmicutes	46	"Erysipelotrichi"	2	"Erysipelotrichales"	2	Erysipelotrichaceae	2	Erysipelotrichaceae Incertae Sedis	2	Eubacterium biforme	2	98	97
				Bacilli	8	Lactobacillales	8	Streptococcaceae	7	Streptococcus	7	Streptococcus salivarius	6	100	99
												Streptococcus sinensis	1	99	99
								Lactobacillaceae	1	Lactobacillus	1	Lactobacillus mucosae	1	100	100
				Clostridia	36	Clostridiales	36	Acidaminococcaceae	2	Veillonella	2	Veillonella atypica	1	99	99
												Veillonella dispar	1	99	99
								Clostridiaceae	13	Clostridium	13	Clostridium cellulolyticum	1	90	90
												Clostridium hiranonis	4	99	99
												Clostridium fimetarium	1	92	92
												Clostridium hathewayi	1	95	95
												Clostridium bolteae	6	96	95
								Lachnospiraceae	17	Roseburia	2	Roseburia intestinalis	2	96	96
										Ruminococcus	8	Ruminococcus obeum	7	97	95
												Ruminococcus hydrogenotrophicus	1	96	96
										Catenibacterium	7	Catenibacterium mitsuokai	7	97	97
								Eubacteriaceae	4	Eubacterium	4	Eubacterium desmolans	1	94	94
												Eubacterium eligens	3	92	92
		Fusobacteria	2	Fusobacteria (class)	2	Fusobacterales	2	Fusobacteriaceae	2	Unclassified Fusobacteriaceae	1	Clostridium rectum	1	97	97
										Fusobacterium	1	Fusobacterium perfoetens	1	96	96
		Bacteroidetes	33	Bacteroides (class)	33	Bacteroidales	33	Bacteroidaceae	9	Bacteroides	4	Bacteroides vulgatus	1	99	99
												Bacteroides stercoris	3	99	98
										Megamonas	5	Megamonas hypermegale	5	96	95
								Prevotellaceae	24	Prevotella	24	Prevotella oulorum	24	94	93
		Actinobacteria	2	Actinobacteria (class)	2	Coriobacteriales	2	Coriobacteriaceae	2	Collinsella	2	Collinsella aerofaciens	1	99	99
												Collinsella intestinalis	1	98	98
	83		83		83		83		83		83		83		

no. 29

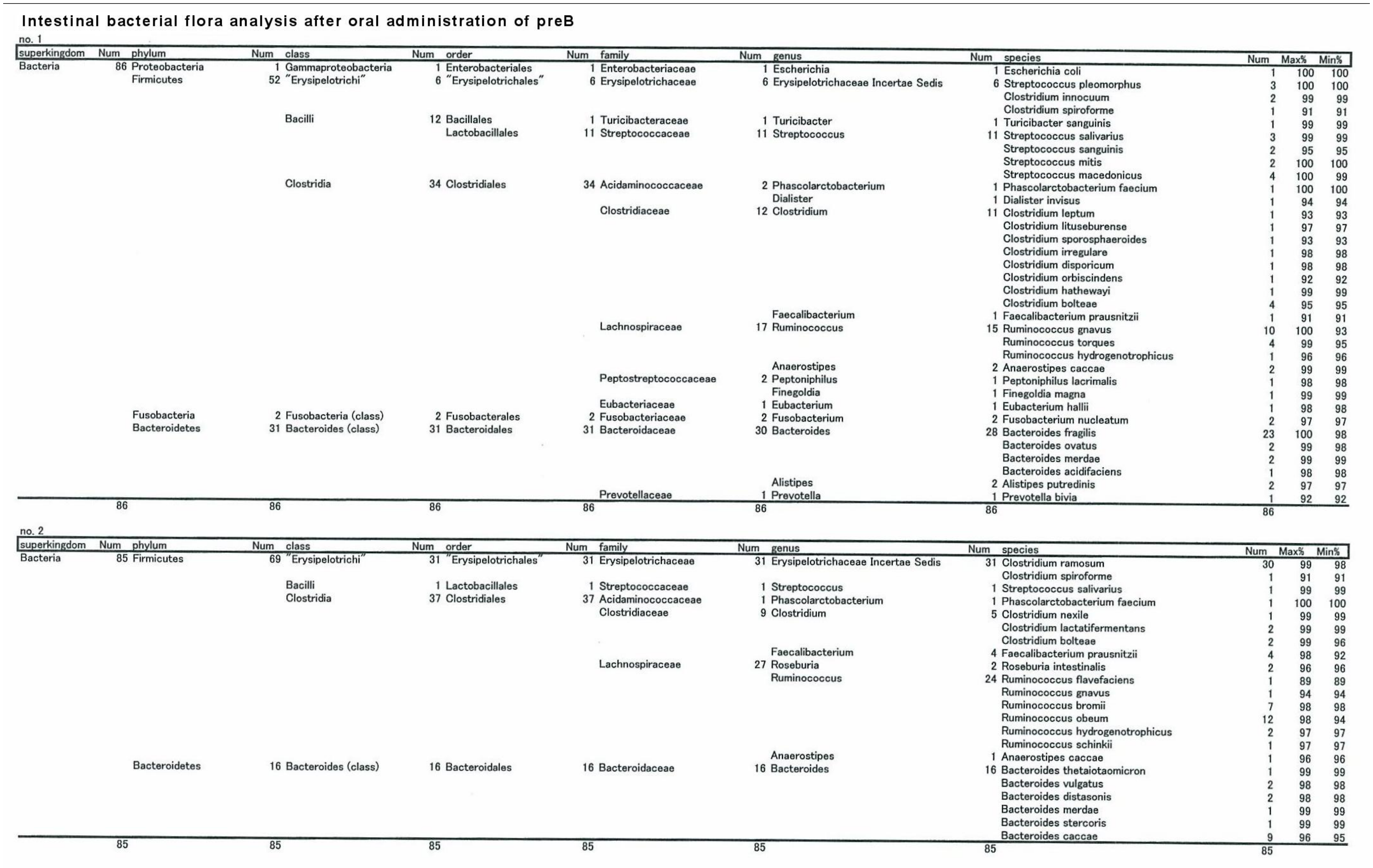
superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Blast Max%	Blast Min%
Bacteria	87	Firmicutes	51	"Erysipelotrichi"	2	"Erysipelotrichales"	2	Erysipelotrichaceae	2	Erysipelotrichaceae Incertae Sedis	2	Eubacterium biforme	2	98	97
				Clostridia	49	Clostridiales	49	Acidaminococcaceae	1	Phascolarctobacterium	1	Phascolarctobacterium faecium	1	96	96
								Clostridiaceae	12	Clostridium	4	Clostridium hylemonae	1	96	96
												Clostridium fimetarium	1	92	92
												Clostridium bolteae	2	95	95
										Dorea	3	Dorea formicigenerans	1	99	99
												Dorea longicatena	2	99	99
										Faecalibacterium	5	Faecalibacterium prausnitzii	5	99	98
								Lachnospiraceae	19	Roseburia	2	Roseburia intestinalis	2	99	96
										Ruminococcus	15	Ruminococcus albus	2	89	89
												Ruminococcus flavefaciens	1	93	93
												Ruminococcus bromii	2	98	98
												Ruminococcus obeum	4	99	96
												Ruminococcus lactaris	1	96	96
												Ruminococcus hydrogenotrophicus	2	97	97
												Ruminococcus luti	3	98	94
										Catenibacterium	2	Catenibacterium mitsuokai	2	97	97
								Eubacteriaceae	17	Eubacterium	17	Eubacterium desmolans	1	96	96
												Eubacterium eligens	4	98	98
												Eubacterium rectale	9	99	98
												Eubacterium ruminantium	3	96	96
		Bacteroidetes	34	Bacteroides (class)	34	Bacteroidales	34	Bacteroidaceae	11	Bacteroides	10	Bacteroides thetaiotaomicron	1	98	98
												Bacteroides vulgatus	4	99	94
												Bacteroides merdae	1	99	99
												Bacteroides caccae	4	100	95
										Alistipes	1	Alistipes putredinis	1	95	95
								Prevotellaceae	23	Prevotella	23	Prevotella oulorum	20	93	91
												Prevotella veroralis	1	88	88
												Prevotella bryantii	2	92	91
		Actinobacteria	1	Actinobacteria (class)	1	Coriobacteriales	1	Coriobacteriaceae	1	Collinsella	1	Collinsella aerofaciens	1	99	99
		Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Uncultured bacterium adhufec84	1	95	95
	87		87		87		87		87		87		87		

no. 30

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Blast Max%	Blast Min%
Bacteria	83	Proteobacteria	1	Betaproteobacteria	1	Burkholderiales	1	Burkholderiaceae	1	Ralstonia	1	Ralstonia mannitolilytica	1	90	90
		Firmicutes	65	"Erysipelotrichi"	1	"Erysipelotrichales"	1	Erysipelotrichaceae	1	Erysipelotrichaceae Incertae Sedis	1	Clostridium ramosum	1	100	100
				Bacilli	1	Lactobacillales	1	Streptococcaceae	1	Streptococcus	1	Streptococcus parasanguinis	1	98	98
				Clostridia	63	Clostridiales	63	Acidaminococcaceae	1	Phascolarctobacterium	1	Phascolarctobacterium faecium	1	94	94
								Clostridiaceae	24	Clostridium	6	Clostridium cellulolyticum	1	90	90
												Clostridium irregulare	1	97	97
												Clostridium orbiscindens	2	94	92
												Clostridium hathewayi	1	96	96
												Clostridium bolteae	1	95	95
										Faecalibacterium	18	Faecalibacterium prausnitzii	18	98	89
								Lachnospiraceae	30	Roseburia	9	Roseburia intestinalis	9	100	99
										Ruminococcus	12	Ruminococcus albus	3	90	90
												Ruminococcus callidus	1	98	98
												Ruminococcus obeum	6	97	96
												Ruminococcus hydrogenotrophicus	1	97	97
												Ruminococcus luti	1	97	97
										Lachnospira	3	Lachnospira pectinoschiza	3	96	95
										Acetitomaculum	1	Acetitomaculum ruminis	1	85	85
										Anaerostipes	5	Anaerostipes caccae	5	96	96
								Eubacteriaceae	8	Eubacterium	8	Eubacterium desmolans	1	98	98
												Eubacterium eligens	1	98	98
												Eubacterium hallii	4	99	98
												Eubacterium siraeum	1	97	97
												Eubacterium ruminantium	1	96	96
		Bacteroidetes	15	Bacteroides (class)	15	Bacteroidales	15	Bacteroidaceae	14	Bacteroides	14	Bacteroides vulgatus	2	98	98
												Bacteroides ovatus	3	98	93
												Bacteroides stercoris	3	99	98
												Bacteroides caccae	5	97	95
												Bacteroides acidifaciens	1	98	98
								Porphyromonadaceae	1	Porphyromonas	1	Porphyromonas circumdentaria	1	88	88
		Actinobacteria	2	Actinobacteria (class)	2	Bifidobacteriales	2	Bifidobacteriaceae	2	Bifidobacterium	2	Bifidobacterium animalis	2	99	99
	83		83		83		83		83		83		83		

Intestinal bacterial flora count and destruction rate after oral administration of preB®

	Weight	Color	Hardness	Quantity of food residue	Flora count before test	Flora count after test	Destruction rate (%)
1	0.100	Dark brown	Hard	Small	7.4×10^{10}	4.1×10^{9}	83.2
2	0.100	Brown	Average	Small	6.9×10^{10}	4.9×10^{8}	78.9
3	0.100	Greenish brown	Soft	Small	9.6×10^{9}	1.7×10^{8}	94.8
4	0.100	Brown	Average	Average	5.8×10^{10}	1.7×10^{9}	91.2
5	0.100	Brown	Soft	Average	6.9×10^{10}	2.6×10^{9}	88.8
6	0.100	Ocher	Soft	Small	7.4×10^{10}	3.0×10^{9}	87.7
7	0.100	Brown	Average	Average	4.8×10^{10}	1.9×10^{9}	88.5
8	0.100	Ocher	Soft (partly sludged)	Small	5.5×10^{10}	2.2×10^{9}	87.8
9	0.100	Brown	Average	Small	8.2×10^{10}	9.5×10^{8}	96.5
10	0.100	Brown	Soft	Average	6.5×10^{10}	2.4×10^{9}	88.8
11	0.101	Brown	Hard	Average	7.0×10^{10}	8.4×10^{8}	96.4
12	0.099	Brown	Soft	Large	4.3×10^{10}	1.8×10^{8}	98.7
13	0.100	Ocher	Soft	Average	4.3×10^{10}	2.7×10^{8}	98.2
14	0.100	Ocher	Soft	Average	1.1×10^{10}	1.2×10^{8}	96.8
15	0.097	Dark brown	Hard	Small	1.1×10^{11}	7.5×10^{7}	99.8
16	0.097	Brown	Hard	Small	7.4×10^{10}	1.3×10^{9}	94.9
17	0.107	Brown	Soft	Average	3.8×10^{10}	3.3×10^{8}	97.4
18	0.101	Ocher	Average	Small	5.2×10^{10}	5.7×10^{8}	96.7
19	0.099	Dark brown	Hard	Average	7.2×10^{10}	3.4×10^{8}	98.6
20	0.101	Brown	Soft	Average	5.4×10^{10}	5.6×10^{8}	96.9
21	0.035	Greenish brown	Soft	Small	3.1×10^{10}	9.0×10^{7}	99.1
22	0.103	Brown	Average	Average	4.5×10^{10}	1.3×10^{9}	91.5
23	0.102	Brown	Hard	Average	4.8×10^{10}	7.3×10^{8}	95.4
24	0.098	Brown	Soft	Average	4.0×10^{10}	1.5×10^{9}	88.8
25	0.101	Brown	Soft	Average	3.5×10^{10}	1.2×10^{9}	89.7
26	0.091	Dark brown	Hard	Large	7.1×10^{10}	2.3×10^{9}	90.4
27	0.098	Greenish brown	Soft	Large	3.2×10^{10}	5.7×10^{7}	99.5
28	0.099	Greenish brown	Soft	Small	3.4×10^{10}	1.4×10^{8}	98.8
29	0.098	Brown	Soft	Small	7.6×10^{10}	1.5×10^{9}	94.1
30	0.101	Brown	Soft	Average	6.7×10^{10}	2.5×10^{9}	89.0



Intestinal bacterial flora analysis after oral administration of preB

no. 1

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Max%	Min%
Bacteria	86	Proteobacteria	1	Gammaproteobacteria	1	Enterobacteriales	1	Enterobacteriaceae	1	Escherichia	1	Escherichia coli	1	100	100
		Firmicutes	52	"Erysipelotrichi"	6	"Erysipelotrichales"	6	Erysipelotrichaceae	6	Erysipelotrichaceae Incertae Sedis	6	Streptococcus pleomorphus	3	100	100
												Clostridium innocuum	2	99	99
												Clostridium spiroforme	1	91	91
				Bacilli	12	Bacillales	1	Turicibacteraceae	1	Turicibacter	1	Turicibacter sanguinis	1	99	99
						Lactobacillales	11	Streptococcaceae	11	Streptococcus	11	Streptococcus salivarius	3	99	99
												Streptococcus sanguinis	2	95	95
												Streptococcus mitis	2	100	100
												Streptococcus macedonicus	4	100	99
				Clostridia	34	Clostridiales	34	Acidaminococcaceae	2	Phascolarctobacterium	1	Phascolarctobacterium faecium	1	100	100
										Dialister	1	Dialister invisus	1	94	94
								Clostridiaceae	12	Clostridium	11	Clostridium leptum	1	93	93
												Clostridium lituseburense	1	97	97
												Clostridium sporosphaeroides	1	93	93
												Clostridium irregulare	1	98	98
												Clostridium disporicum	1	98	98
												Clostridium orbiscindens	1	92	92
												Clostridium hathewayi	1	99	99
												Clostridium bolteae	4	95	95
										Faecalibacterium	1	Faecalibacterium prausnitzii	1	91	91
								Lachnospiraceae	17	Ruminococcus	15	Ruminococcus gnavus	10	100	93
												Ruminococcus torques	4	99	95
												Ruminococcus hydrogenotrophicus	1	96	96
										Anaerostipes	2	Anaerostipes caccae	2	99	99
								Peptostreptococcaceae	2	Peptoniphilus	1	Peptoniphilus lacrimalis	1	98	98
										Finegoldia	1	Finegoldia magna	1	99	99
								Eubacteriaceae	1	Eubacterium	1	Eubacterium hallii	1	98	98
		Fusobacteria	2	Fusobacteria (class)	2	Fusobacterales	2	Fusobacteriaceae	2	Fusobacterium	2	Fusobacterium nucleatum	2	97	97
		Bacteroidetes	31	Bacteroides (class)	31	Bacteroidales	31	Bacteroidaceae	30	Bacteroides	28	Bacteroides fragilis	23	100	98
												Bacteroides ovatus	2	99	98
												Bacteroides merdae	2	99	99
												Bacteroides acidifaciens	1	98	98
										Alistipes	2	Alistipes putredinis	2	97	97
								Prevotellaceae	1	Prevotella	1	Prevotella bivia	1	92	92
	86		86		86		86		86		86		86		

no. 2

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Max%	Min%
Bacteria	85	Firmicutes	69	"Erysipelotrichi"	31	"Erysipelotrichales"	31	Erysipelotrichaceae	31	Erysipelotrichaceae Incertae Sedis	31	Clostridium ramosum	30	99	98
												Clostridium spiroforme	1	91	91
				Bacilli	1	Lactobacillales	1	Streptococcaceae	1	Streptococcus	1	Streptococcus salivarius	1	99	99
				Clostridia	37	Clostridiales	37	Acidaminococcaceae	1	Phascolarctobacterium	1	Phascolarctobacterium faecium	1	100	100
								Clostridiaceae	9	Clostridium	5	Clostridium nexile	1	99	99
												Clostridium lactatifermentans	2	99	99
												Clostridium bolteae	2	99	96
										Faecalibacterium	4	Faecalibacterium prausnitzii	4	98	92
								Lachnospiraceae	27	Roseburia	2	Roseburia intestinalis	2	96	96
										Ruminococcus	24	Ruminococcus flavefaciens	1	89	89
												Ruminococcus gnavus	1	94	94
												Ruminococcus bromii	7	98	98
												Ruminococcus obeum	12	98	94
												Ruminococcus hydrogenotrophicus	2	97	97
												Ruminococcus schinkii	1	97	97
										Anaerostipes	1	Anaerostipes caccae	1	96	96
		Bacteroidetes	16	Bacteroides (class)	16	Bacteroidales	16	Bacteroidaceae	16	Bacteroides	16	Bacteroides thetaiotaomicron	1	99	99
												Bacteroides vulgatus	2	98	98
												Bacteroides distasonis	2	98	98
												Bacteroides merdae	1	99	99
												Bacteroides stercoris	1	99	99
												Bacteroides caccae	9	96	95
	85		85		85		85		85		85		85		

no. 3

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Max%	Min%
Bacteria	86	Proteobacteria	1	Gammaproteobacteria	1	Enterobacteriales	1	Enterobacteriaceae	1	Escherichia	1	Escherichia coli	1	99	99
		Firmicutes	76	Bacilli	45	Bacillales	17	Turicibacteraceae	17	Turicibacter	17	Turicibacter sanguinis	17	99	98
						Lactobacillales	28	Streptococcaceae	21	Streptococcus	21	Streptococcus salivarius	21	100	99
								Lactobacillaceae	7	Lactobacillus	7	Lactobacillus mucosae	7	100	99
				Clostridia	31	Clostridiales	31	Acidaminococcaceae	1	Veillonella	1	Veillonella atypica	1	95	95
								Clostridiaceae	13	Clostridium	11	Clostridium lituseburense	3	97	97
												Clostridium glycolicum	3	98	98
												Clostridium bolteae	5	100	96
										Dorea	2	Dorea longicatena	2	97	96
								Lachnospiraceae	14	Ruminococcus	13	Ruminococcus gnavus	1	99	99
												Ruminococcus torques	5	96	95
												Ruminococcus bromii	1	98	98
												Ruminococcus obeum	3	97	96
												Ruminococcus lactaris	1	96	96
												Ruminococcus hydrogenotrophicus	1	97	97
												Ruminococcus luti	1	98	98
										Anaerostipes	1	Anaerostipes caccae	1	96	96
								Eubacteriaceae	3	Eubacterium	3	Eubacterium hallii	2	99	99
												Eubacterium rectale	1	98	98
		Bacteroidetes	4	Bacteroides (class)	4	Bacteroidales	4	Bacteroidaceae	4	Bacteroides	4	Bacteroides vulgatus	4	98	98
		Actinobacteria	5	Actinobacteria (class)	5	Coriobacteriales	3	Coriobacteriaceae	3	Collinsella	3	Collinsella aerofaciens	3	99	99
						Bifidobacteriales	2	Bifidobacteriaceae	2	Bifidobacterium	2	Bifidobacterium adolescentis	2	97	97
	86		86		86		86		86		86		86		

no. 4

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Max%	Min%
Bacteria	91	Firmicutes	53	″Erysipelotrichi″	1	″Erysipelotrichales″	1	Erysipelotrichaceae	1	Erysipelotrichaceae Incertae Sedis	1	Clostridium spiroforme	1	90	90
				Clostridia	52	Clostridiales	52	Clostridiaceae	22	Clostridium	20	Clostridium cellulolyticum	1	90	90
												Clostridium leptum	1	97	97
												Clostridium xylanolyticum	1	95	95
												Clostridium viride	3	94	92
												Clostridium indolis	2	95	95
												Clostridium orbiscindens	2	99	97
												Clostridium saccharolyticum	1	94	94
												Clostridium hathewayi	1	95	95
												Clostridium bolteae	8	95	95
										Faecalibacterium	2	Faecalibacterium prausnitzii	2	99	98
								Lachnospiraceae	27	Roseburia	1	Roseburia intestinalis	1	99	99
										Ruminococcus	25	Ruminococcus gnavus	2	100	99
												Ruminococcus torques	1	99	99
												Ruminococcus obeum	15	99	96
												Ruminococcus lactaris	1	97	97
												Ruminococcus hydrogenotrophicus	4	97	96
												Ruminococcus schinkii	2	96	96
										Anaerostipes	1	Anaerostipes caccae	1	96	96
								Eubacteriaceae	3	Eubacterium	3	Eubacterium desmolans	1	97	97
												Eubacterium hallii	1	99	99
												Eubacterium ventriosum	1	99	99
		Bacteroidetes	29	Bacteroides (class)	29	Bacteroidales	29	Bacteroidaceae	29	Bacteroides	23	Bacteroides fragilis	1	99	99
												Bacteroides vulgatus	7	98	97
												Bacteroides distasonis	1	86	86
												Bacteroides caccae	13	96	95
												Bacteroides acidifaciens	1	98	98
										Megamonas	3	Megamonas hypermegale	3	96	95
										Alistipes	3	Alistipes putredinis	3	97	93
		Actinobacteria	5	Actinobacteria (class)	5	Coriobacteriales	4	Coriobacteriaceae	4	Slackia	1	Slackia exigua	1	91	91
										Collinsella	3	Collinsella aerofaciens	3	99	98
						Bifidobacteriales	1	Bifidobacteriaceae	1	Bifidobacterium	1	Bifidobacterium longum	1	99	99
		Unclassified bacteria	4	Unclassified bacteria	4	Unclassified bacteria	4	Unclassified bacteria	4	Unclassified bacteria	4	Uncultured bacterium adhufec12.25	4	99	99
	91		91		91		91		91		91		91		

no. 5

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Max%	Min%
Bacteria	89	Proteobacteria	1	Betaproteobacteria	1	Burkholderiales	1	Oxalobacteraceae	1	Oxalobacter	1	Oxalobacter formigenes	1	93	93
		Firmicutes	36	"Erysipelotrichi"	4	"Erysipelotrichales"	4	Erysipelotrichaceae	4	Erysipelotrichaceae Incertae Sedis	4	Eubacterium biforme	2	98	98
												Clostridium spiroforme	2	94	93
				Bacilli	1	Lactobacillales	1	Streptococcaceae	1	Streptococcus	1	Streptococcus sanguinis	1	99	99
				Clostridia	31	Clostridiales	31	Acidaminococcaceae	2	Papillibacter	2	Papillibacter cinnamivorans	2	90	90
								Clostridiaceae	15	Clostridium	7	Clostridium xylanolyticum	2	95	95
												Clostridium viride	1	91	91
												Clostridium hathewayi	3	95	95
												Clostridium bolteae	1	95	95
										Sporobacter	1	Sporobacter termitidis	1	90	90
										Dorea	2	Dorea longicatena	2	99	99
										Faecalibacterium	5	Faecalibacterium prausnitzii	5	98	98
								Lachnospiraceae	9	Ruminococcus	8	Ruminococcus albus	1	91	91
												Ruminococcus torques	1	96	96
												Ruminococcus obeum	2	99	96
												Ruminococcus luti	2	98	98
												Ruminococcus schinkii	2	96	96
										Pseudobutyrivibrio	1	Pseudobutyrivibrio ruminis	1	96	96
								Eubacteriaceae	5	Eubacterium	5	Eubacterium hallii	2	99	98
												Eubacterium rectale	1	98	98
												Eubacterium ruminantium	2	96	96
		Bacteroidetes	49	Bacteroides (class)	49	Bacteroidales	49	Bacteroidaceae	19	Bacteroides	8	Bacteroides thetaiotaomicron	1	99	99
												Bacteroides splanchnicus	1	98	98
												Bacteroides stercoris	3	90	90
												Bacteroides caccae	3	95	85
										Megamonas	10	Megamonas hypermegale	10	96	95
										Alistipes	1	Alistipes putredinis	1	93	93
								Prevotellaceae	30	Prevotella	30	Prevotella corporis	3	91	91
												Prevotella oulorum	25	93	92
												Prevotella bryantii	2	91	91
		Actinobacteria	3	Actinobacteria (class)	3	Coriobacteriales	3	Coriobacteriaceae	3	Slackia	1	Slackia exigua	1	89	89
										Collinsella	2	Collinsella aerofaciens	1	99	99
												Collinsella intestinalis	1	98	98
	89		89		89		89		89		89		89		

no. 6

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Max%	Min%
Bacteria	91	Firmicutes	52	Bacilli	2	Lactobacillales	2	Lactobacillaceae	2	Lactobacillus	2	Lactobacillus mucosae	2	100	100
				Clostridia	50	Clostridiales	50	Acidaminococcaceae	6	Megasphaera	2	Megasphaera micronuciformis	2	94	92
										Dialister	3	Dialister invisus	3	97	96
										Papillibacter	1	Papillibacter cinnamivorans	1	90	90
								Clostridiaceae	18	Clostridium	8	Clostridium cellulolyticum	1	90	90
												Clostridium lituseburense	1	97	97
												Clostridium nexile	1	97	97
												Clostridium sphenoides	1	95	95
												Clostridium disporicum	1	100	100
												Clostridium bolteae	3	95	95
										Sporobacter	2	Sporobacter termitidis	2	94	93
										Dorea	1	Dorea formicigenerans	1	99	99
										Faecalibacterium	7	Faecalibacterium prausnitzii	7	99	98
								Lachnospiraceae	14	Roseburia	2	Roseburia intestinalis	2	99	94
										Ruminococcus	9	Ruminococcus albus	2	91	90
												Ruminococcus torques	1	99	99
												Ruminococcus callidus	1	99	99
												Ruminococcus obeum	2	99	96
												Ruminococcus hydrogenotrophicus	3	97	97
										Lachnospira	2	Lachnospira pectinoschiza	2	97	96
										Catenibacterium	1	Catenibacterium mitsuokai	1	97	97
								Eubacteriaceae	12	Eubacterium	11	Eubacterium hallii	2	98	98
												Eubacterium rectale	6	99	98
												Eubacterium ruminantium	3	93	93
										Mogibacterium	1	Mogibacterium neglectum	1	92	92
		Bacteroidetes	37	Bacteroides (class)	37	Bacteroidales	37	Bacteroidaceae	5	Bacteroides	4	Bacteroides vulgatus	1	98	98
												Bacteroides stercoris	3	98	92
										Alistipes	1	Alistipes putredinis	1	89	89
								Prevotellaceae	32	Prevotella	32	Prevotella buccae	3	90	89
												Prevotella oulorum	27	93	91
												Prevotella dentalis	2	92	92
		Actinobacteria	2	Actinobacteria (class)	2	Coriobacteriales	2	Coriobacteriaceae	2	Collinsella	2	Collinsella aerofaciens	2	99	99
	91		91		91		91		91		91		91		

no. 7

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Max%	Min%
Bacteria	94	Firmicutes	67	"Erysipelotrichi"	2	"Erysipelotrichales"	2	Erysipelotrichaceae	2	Erysipelotrichaceae Incertae Sedis	2	Clostridium spiroforme	1	93	93
												Eubacterium dolichum	1	96	96
				Bacilli	2	Bacillales	2	Bacillaceae	2	Bacillus	2	Bacillus subtilis	2	100	99
				Clostridia	63	Clostridiales	63	Acidaminococcaceae	5	Megasphaera	2	Megasphaera micronuciformis	2	94	94
										Dialister	1	Dialister invisus	1	97	97
										Mitsuokella	2	Mitsuokella multacida	2	98	98
								Clostridiaceae	28	Clostridium	12	Clostridium celerecrescens	1	95	95
												Clostridium xylanolyticum	1	93	93
												Clostridium viride	2	91	91
												Clostridium acetireducens	1	88	88
												Clostridium methylpentosum	1	90	90
												Clostridium saccharolyticum	1	94	94
												Clostridium bolteae	5	95	95
										Sporobacter	1	Sporobacter termitidis	1	94	94
										Dorea	1	Dorea longicatena	1	97	97
										Faecalibacterium	14	Faecalibacterium prausnitzii	14	98	92
								Lachnospiraceae	22	Ruminococcus	18	Ruminococcus productus	1	99	99
												Ruminococcus obeum	8	99	96
												Ruminococcus hydrogenotrophicus	1	97	97
												Ruminococcus luti	8	98	97
										Lachnospira	1	Lachnospira pectinoschiza	1	96	96
										Anaerostipes	3	Anaerostipes caccae	3	96	95
								Eubacteriaceae	8	Eubacterium	8	Eubacterium desmolans	2	97	97
												Eubacterium eligens	2	92	92
												Eubacterium hallii	4	98	98
		Bacteroidetes	26	Bacteroides (class)	26	Bacteroidales	26	Bacteroidaceae	9	Bacteroides	9	Bacteroides fragilis	1	100	100
												Bacteroides vulgatus	3	98	98
												Bacteroides ovatus	1	98	98
												Bacteroides stercoris	1	99	99
												Bacteroides caccae	3	96	96
								Prevotellaceae	17	Prevotella	17	Prevotella oulorum	17	93	91
		Actinobacteria	1	Actinobacteria (class)	1	Coriobacteriales	1	Coriobacteriaceae	1	Collinsella	1	Collinsella aerofaciens	1	99	99
	94		94		94		94		94		94		94		

no. 8

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Max%	Min%
Bacteria	82	Firmicutes	52	"Erysipelotrichi"	2	"Erysipelotrichales"	2	Erysipelotrichaceae	2	Erysipelotrichaceae Incertae Sedis	2	Eubacterium biforme	1	98	98
												Clostridium spiroforme	1	94	94
				Bacilli	2	Lactobacillales	2	Streptococcaceae	1	Streptococcus	1	Streptococcus sinensis	1	99	99
								Lactobacillaceae	1	Lactobacillus	1	Lactobacillus salivarius	1	100	0
				Clostridia	48	Clostridiales	48	Acidaminococcaceae	1	Papillibacter	1	Papillibacter cinnamivorans	1	90	90
								Clostridiaceae	21	Clostridium	9	Clostridium lituseburense	4	97	97
												Clostridium irregulare	1	98	98
												Clostridium disporicum	3	100	100
												Clostridium saccharolyticum	1	94	94
										Sporobacter	1	Sporobacter termitidis	1	94	94
										Faecalibacterium	11	Faecalibacterium prausnitzii	11	98	96
								Lachnospiraceae	14	Roseburia	1	Roseburia intestinalis	1	95	95
										Ruminococcus	8	Ruminococcus albus	2	95	95
												Ruminococcus flavefaciens	1	93	93
												Ruminococcus bromii	2	98	97
												Ruminococcus obeum	3	99	96
										Lachnospira	2	Lachnospira pectinoschiza	2	98	98
										Anaerostipes	3	Anaerostipes caccae	3	96	96
								Eubacteriaceae	12	Eubacterium	12	Eubacterium eligens	1	98	98
												Eubacterium hallii	1	97	97
												Eubacterium rectale	10	99	98
		Bacteroidetes	27	Bacteroides (class)	27	Bacteroidales	27	Bacteroidaceae	27	Bacteroides	27	Bacteroides vulgatus	2	98	98
												Bacteroides distasonis	1	99	99
												Bacteroides ovatus	1	98	98
												Bacteroides stercoris	22	90	85
												Bacteroides caccae	1	96	96
		Actinobacteria	2	Actinobacteria (class)	2	Coriobacteriales	2	Coriobacteriaceae	2	Collinsella	2	Collinsella aerofaciens	2	99	98
		Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Uncultured bacterium clone, F2	1	88	88
	82		82		82		82		82		82		82		

no. 9

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Max%	Min%
Bacteria	82	Proteobacteria	5	Betaproteobacteria	5	Burkholderiales	5	Oxalobacteraceae	3	Herbaspirillum	3	Herbaspirillum frisingense	3	91	91
								Burkholderiaceae	2	Ralstonia	1	Ralstonia campinensis	1	90	90
										Paucimonas	1	Paucimonas lemoignei	1	88	88
		Firmicutes	46	"Erysipelotrichi"	2	"Erysipelotrichales"	2	Erysipelotrichaceae	2	Erysipelotrichaceae Incertae Sedis	2	Clostridium spiroforme	2	94	93
				Bacilli	2	Lactobacillales	2	Lactobacillaceae	2	Lactobacillus	2	Lactobacillus ruminis	1	99	99
												Lactobacillus mucosae	1	99	99
				Clostridia	42	Clostridiales	42	Acidaminococcaceae	10	Acidaminococcus	1	Acidaminococcus fermentans	1	96	96
										Dialister	6	Dialister invisus	6	97	96
										Papillibacter	3	Papillibacter cinnamivorans	3	90	87
								Clostridiaceae	13	Clostridium	7	Clostridium cellulolyticum	2	89	89
												Clostridium lituseburense	1	97	97
												Clostridium cellobioparum	1	88	88
												Clostridium glycolicum	1	93	93
												Clostridium methylpentosum	2	95	92
										Sporobacter	1	Sporobacter termitidis	1	89	89
										Dorea	1	Dorea longicatena	1	99	99
										Faecalibacterium	4	Faecalibacterium prausnitzii	4	99	93
								Lachnospiraceae	11	Roseburia	1	Roseburia intestinalis	1	99	99
										Ruminococcus	9	Ruminococcus albus	2	91	91
												Ruminococcus flavefaciens	2	93	93
												Ruminococcus obeum	4	99	96
												Ruminococcus luti	1	98	98
										Catenibacterium	1	Catenibacterium mitsuokai	1	97	97
								Eubacteriaceae	8	Eubacterium	8	Eubacterium desmolans	1	96	96
												Eubacterium hallii	2	98	97
												Eubacterium rectale	3	99	98
												Eubacterium ruminantium	2	93	93
		Bacteroidetes	31	Bacteroides (class)	31	Bacteroidales	31	Bacteroidaceae	9	Bacteroides	4	Bacteroides distasonis	1	98	98
												Bacteroides splanchnicus	1	98	98
												Bacteroides stercoris	1	99	99
												Bacteroides caccae	1	95	95
										Megamonas	5	Megamonas hypermegale	5	97	95
								Prevotellaceae	22	Prevotella	22	Prevotella oulorum	18	93	92
												Prevotella bryantii	4	91	91
	82		82		82		82		82		82		82		

no. 10

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Max%	Min%
Bacteria	80	Firmicutes	49	Bacilli	1	Lactobacillales	1	Streptococcaceae	1	Streptococcus	1	Streptococcus salivarius	1	100	100
				Clostridia	48	Clostridiales	48	Clostridiaceae	28	Clostridium	11	Clostridium josui	1	86	86
												Clostridium sporosphaeroides	1	94	94
												Clostridium celerecrescens	1	96	96
												Clostridium nexile	1	97	97
												Clostridium viride	1	90	90
												Clostridium orbiscindens	2	97	89
												Clostridium saccharolyticum	1	94	94
												Clostridium bolteae	3	95	95
										Faecalibacterium	17	Faecalibacterium prausnitzii	17	98	91
								Lachnospiraceae	13	Ruminococcus	10	Ruminococcus albus	1	89	89
												Ruminococcus obeum	4	99	96
												Ruminococcus lactaris	1	99	99
												Ruminococcus luti	4	98	98
										Anaerostipes	3	Anaerostipes caccae	3	96	96
								Eubacteriaceae	7	Eubacterium	7	Eubacterium desmolans	1	98	98
												Eubacterium hallii	2	99	99
												Eubacterium ramulus	1	97	97
												Eubacterium rectale	3	98	98
		Bacteroidetes	31	Bacteroides (class)	31	Bacteroidales	31	Bacteroidaceae	30	Bacteroides	29	Bacteroides thetaiotaomicron	1	98	98
												Bacteroides vulgatus	1	98	98
												Bacteroides ovatus	4	99	93
												Bacteroides stercoris	21	92	90
												Bacteroides caccae	2	97	97
										Alistipes	1	Alistipes putredinis	1	93	93
								Porphyromonadaceae	1	Porphyromonas	1	Porphyromonas circumdentaria	1	88	88
	80		80		80		80		80		80		80		

no. 11

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Max%	Min%
Bacteria	89	Firmicutes	57	Bacilli	4	Lactobacillales	4	Streptococcaceae	4	Streptococcus	4	Streptococcus salivarius	3	100	98
												Streptococcus mitis	1	99	99
				Clostridia	53	Clostridiales	53	Acidaminococcaceae	3	Papillibacter	3	Papillibacter cinnamivorans	3	90	89
								Clostridiaceae	30	Clostridium	13	Clostridium sp.	1	89	89
												Clostridium nexile	1	96	96
												Clostridium polysaccharolyticum	1	91	91
												Clostridium xylanolyticum	1	95	95
												Clostridium viride	1	91	91
												Clostridium orbiscindens	2	100	97
												Clostridium hathewayi	1	95	95
												Clostridium bolteae	5	95	95
										Sporobacter	2	Sporobacter termitidis	2	91	91
										Dorea	2	Dorea longicatena	2	99	99
										Faecalibacterium	13	Faecalibacterium prausnitzii	13	98	92
								Lachnospiraceae	14	Roseburia	1	Roseburia intestinalis	1	96	96
										Ruminococcus	7	Ruminococcus albus	1	95	95
												Ruminococcus torques	1	99	99
												Ruminococcus obeum	5	97	96
										Pseudobutyrivibrio	1	Pseudobutyrivibrio ruminis	1	96	96
										Anaerostipes	5	Anaerostipes caccae	5	96	95
								Eubacteriaceae	6	Eubacterium	6	Eubacterium eligens	2	92	92
												Eubacterium hallii	3	99	98
												Eubacterium ramulus	1	97	97
		Bacteroidetes	25	Bacteroides (class)	25	Bacteroidales	25	Bacteroidaceae	25	Bacteroides	22	Bacteroides vulgatus	10	98	98
												Bacteroides merdae	1	99	99
												Bacteroides stercoris	9	99	90
												Bacteroides caccae	2	99	99
										Megamonas	3	Megamonas hypermegale	3	95	95
		Actinobacteria	4	Actinobacteria (class)	4	Coriobacteriales	2	Coriobacteriaceae	2	Collinsella	2	Collinsella aerofaciens	2	99	98
						Bifidobacteriales	2	Bifidobacteriaceae	2	Bifidobacterium	2	Bifidobacterium angulatum	2	99	99
		Unclassified bacteria	3	Unclassified bacteria	3	Unclassified bacteria	3	Unclassified bacteria	3	Unclassified bacteria	3	Uncultured bacterium adhufec84	2	95	95
												Uncultured bacterium clone cadhufec008h7	1	99	99
	89		89		89		89		89		89		89		

no. 12

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Max%	Min%
Bacteria	91	Firmicutes	69	"Erysipelotrichi"	1	"Erysipelotrichales"	1	Erysipelotrichaceae	1	Erysipelotrichaceae Incertae Sedis	1	Clostridium spiroforme	1	91	91
				Clostridia	68	Clostridiales	68	Acidaminococcaceae	1	Megasphaera	1	Megasphaera micronuciformis	1	94	94
								Clostridiaceae	39	Clostridium	12	Clostridium lituseburense	1	97	97
												Clostridium saccharolyticum	1	93	93
												Clostridium hathewayi	7	95	95
												Clostridium bolteae	3	95	95
										Dorea	1	Dorea longicatena	1	99	99
										Faecalibacterium	26	Faecalibacterium prausnitzii	26	98	92
								Lachnospiraceae	26	Roseburia	1	Roseburia intestinalis	1	99	99
										Ruminococcus	19	Ruminococcus obeum	10	99	95
												Ruminococcus hydrogenotrophicus	5	97	96
												Ruminococcus luti	4	98	98
										Anaerostipes	6	Anaerostipes caccae	6	96	96
								Eubacteriaceae	2	Eubacterium	2	Eubacterium eligens	1	92	92
												Eubacterium ventriosum	1	99	99
		Bacteroidetes	17	Bacteroides (class)	17	Bacteroidales	17	Bacteroidaceae	17	Bacteroides	16	Bacteroides vulgatus	3	98	98
												Bacteroides distasonis	1	86	86
												Bacteroides ovatus	4	99	99
												Bacteroides stercoris	3	99	98
												Bacteroides caccae	5	86	86
										Alistipes	1	Alistipes putredinis	1	97	97
		Actinobacteria	5	Actinobacteria (class)	5	Coriobacteriales	4	Coriobacteriaceae	4	Collinsella	4	Collinsella aerofaciens	4	99	99
						Bifidobacteriales	1	Bifidobacteriaceae	1	Bifidobacterium	1	Bifidobacterium adolescentis	1	97	97
	91		91		91		91		91		91		91		

no. 13

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Max%	Min%
Bacteria	91	Firmicutes	56	"Erysipelotrichi"	2	"Erysipelotrichales"	2	Erysipelotrichaceae	2	Erysipelotrichaceae Incertae Sedis	2	Clostridium spiroforme	2	94	93
				Clostridia	54	Clostridiales	54	Clostridiaceae	23	Clostridium	18	Clostridium cellulolyticum	2	90	89
												Clostridium sporosphaeroides	2	91	91
												Clostridium nexile	3	97	97
												Clostridium saccharolyticum	2	94	93
												Clostridium hathewayi	2	95	94
												Clostridium lactatifermentans	1	96	96
												Clostridium bolteae	6	95	95
										Dorea	1	Dorea longicatena	1	99	99
										Faecalibacterium	4	Faecalibacterium prausnitzii	4	99	92
								Lachnospiraceae	22	Roseburia	1	Roseburia intestinalis	1	92	92
										Ruminococcus	12	Ruminococcus obeum	10	97	95
												Ruminococcus luti	1	98	98
												Ruminococcus schinkii	1	96	96
										Lachnospira	1	Lachnospira pectinoschiza	1	96	96
										Anaerostipes	8	Anaerostipes caccae	8	96	95
								Eubacteriaceae	9	Eubacterium	9	Eubacterium eligens	3	98	92
												Eubacterium hallii	4	98	98
												Eubacterium ramulus	2	97	97
		Bacteroidetes	33	Bacteroides (class)	33	Bacteroidales	33	Bacteroidaceae	33	Bacteroides	33	Bacteroides vulgatus	8	99	98
												Bacteroides distasonis	1	98	98
												Bacteroides eggerthii	4	98	98
												Bacteroides ovatus	1	98	98
												Bacteroides merdae	4	99	99
												Bacteroides stercoris	5	92	92
												Bacteroides caccae	10	86	86
		Unclassified bacteria	2	Unclassified bacteria	2	Unclassified bacteria	2	Unclassified bacteria	2	Unclassified bacteria	2	Uncultured bacterium adhufec12.25	2	99	99
	91		91		91		91		91		91		91		

no. 14

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Max%	Min%
Bacteria	92	Proteobacteria	3	Gammaproteobacteria	1	Enterobacteriales	1	Enterobacteriaceae	1	Escherichia	1	Escherichia coli	1	100	100
				Betaproteobacteria	2	Burkholderiales	2	Burkholderiaceae	2	Ralstonia	2	Ralstonia campinensis	2	90	90
		Firmicutes	74	Bacilli	61	Bacillales	2	Turicibacteraceae	2	Turicibacter	2	Turicibacter sanguinis	2	99	99
						Lactobacillales	59	Streptococcaceae	59	Streptococcus	59	Streptococcus salivarius	5	100	99
												Streptococcus parasanguinis	1	99	99
												Streptococcus lutetiensis	52	100	99
												Streptococcus sinensis	1	99	99
				Clostridia	13	Clostridiales	13	Clostridiaceae	6	Clostridium	5	Clostridium bolteae	5	95	95
										Dorea	1	Dorea longicatena	1	99	99
								Lachnospiraceae	1	Lachnospira	1	Lachnospira pectinoschiza	1	98	98
								Eubacteriaceae	6	Eubacterium	6	Eubacterium hallii	1	99	99
												Eubacterium rectale	5	99	98
		Fusobacteria	2	Fusobacteria (class)	2	Fusobacterales	2	Fusobacteriaceae	2	Fusobacterium	2	Fusobacterium perfoetens	2	95	94
		Bacteroidetes	13	Bacteroides (class)	13	Bacteroidales	13	Bacteroidaceae	13	Bacteroides	13	Bacteroides vulgatus	13	99	98
	92		92		92		92		92		92		92		

no. 15

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Max%	Min%
Bacteria	89	Firmicutes	51	″Erysipelotrichi″	7	″Erysipelotrichales″	7	Erysipelotrichaceae	7	Erysipelotrichaceae Incertae Sedis	6	Streptococcus pleomorphus	1	100	100
												Clostridium spiroforme	5	90	90
										Holdemania	1	Holdemania filiformis	1	95	95
				Bacilli	2	Bacillales	1	Turicibacteraceae	1	Turicibacter	1	Turicibacter sanguinis	1	99	99
						Lactobacillales	1	Lactobacillaceae	1	Lactobacillus	1	Lactobacillus crispatus	1	99	99
				Clostridia	42	Clostridiales	42	Clostridiaceae	14	Clostridium	13	Clostridium cellulolyticum	3	89	88
												Clostridium celerecrescens	1	97	97
												Clostridium colinum	1	95	95
												Clostridium methylpentosum	1	88	88
												Clostridium orbiscindens	3	99	92
												Clostridium hylemonae	2	96	95
												Clostridium hathewayi	1	95	95
												Clostridium bolteae	1	95	95
										Faecalibacterium	1	Faecalibacterium prausnitzii	1	92	92
								Lachnospiraceae	23	Ruminococcus	23	Ruminococcus productus	2	98	97
												Ruminococcus torques	9	96	94
												Ruminococcus bromii	9	98	98
												Ruminococcus lactaris	1	96	96
												Ruminococcus hydrogenotrophicus	1	96	96
												Ruminococcus schinkii	1	97	97
								Eubacteriaceae	5	Eubacterium	5	Eubacterium hallii	5	96	96
		Bacteroidetes	34	Bacteroides (class)	34	Bacteroidales	34	Bacteroidaceae	34	Bacteroides	23	Bacteroides thetaiotaomicron	1	98	98
												Bacteroides vulgatus	5	98	98
												Bacteroides distasonis	3	99	99
												Bacteroides ovatus	2	99	98
												Bacteroides merdae	2	99	99
												Bacteroides stercoris	2	94	90
												Bacteroides caccae	8	97	95
										Megamonas	3	Megamonas hypermegale	3	95	95
										Alistipes	8	Alistipes putredinis	8	94	93
		Actinobacteria	4	Actinobacteria (class)	4	Coriobacteriales	4	Coriobacteriaceae	4	Collinsella	4	Collinsella aerofaciens	3	99	99
												Collinsella intestinalis	1	94	94
	89		89		89		89		89		89		89		

no. 16

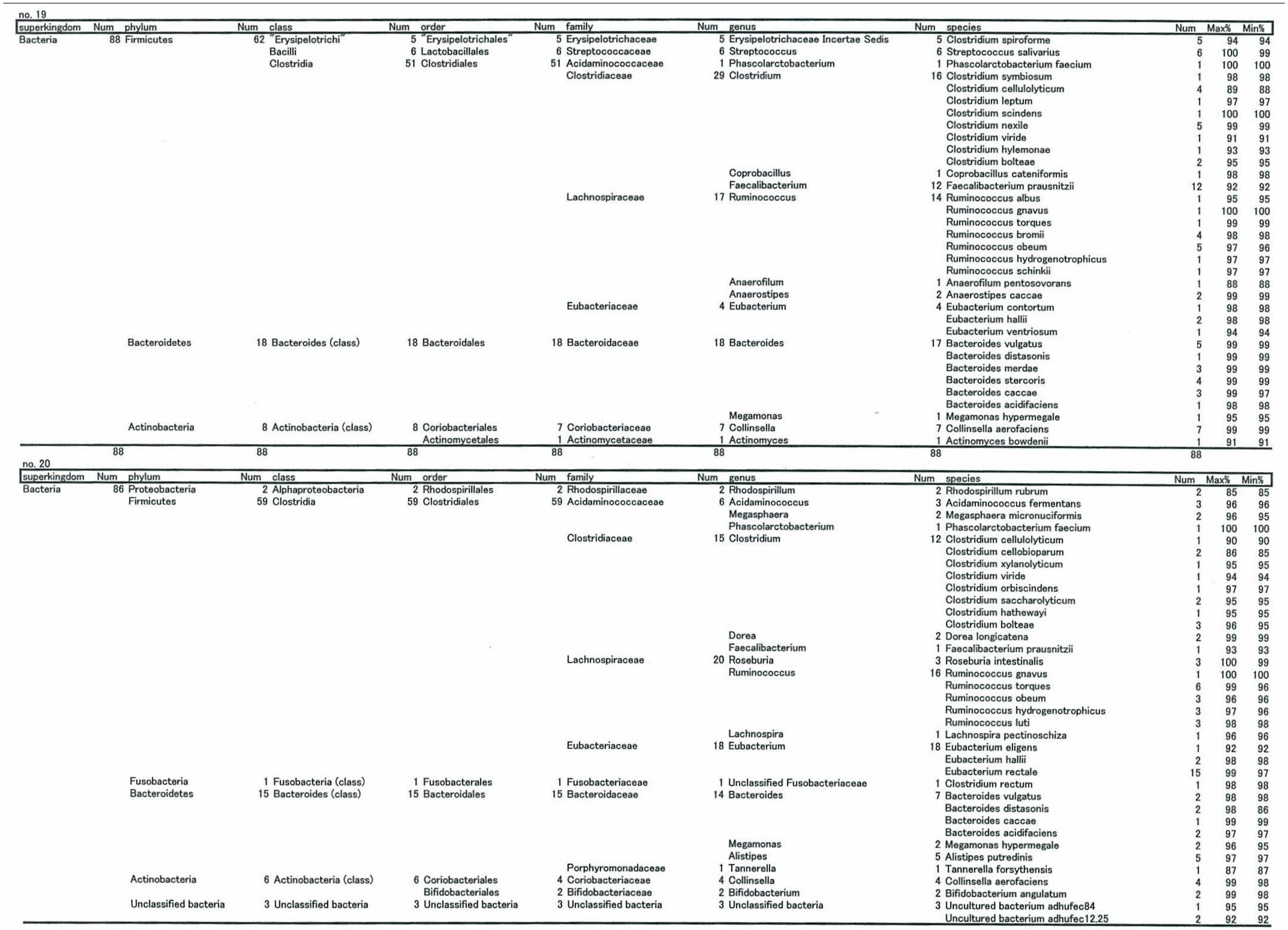
superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Max%	Min%
Bacteria	85	Firmicutes	65	″Erysipelotrichi″	2	″Erysipelotrichales″	2	Erysipelotrichaceae	2	Erysipelotrichaceae Incertae Sedis	2	Clostridium spiroforme	2	91	91
				Bacilli	2	Lactobacillales	2	Streptococcaceae	2	Streptococcus	2	Streptococcus salivarius	1	100	100
												Streptococcus sinensis	1	99	99
				Clostridia	61	Clostridiales	61	Clostridiaceae	31	Clostridium	20	Clostridium leptum	5	97	97
												Clostridium lituseburense	4	97	97
												Clostridium sporosphaeroides	3	93	92
												Clostridium nexile	1	97	97
												Clostridium indolis	1	88	88
												Clostridium orbiscindens	4	94	92
												Clostridium bolteae	2	99	97
										Dorea	1	Dorea longicatena	1	99	99
										Faecalibacterium	10	Faecalibacterium prausnitzii	10	98	92
								Lachnospiraceae	26	Roseburia	4	Roseburia intestinalis	4	100	96
										Ruminococcus	20	Ruminococcus flavefaciens	1	89	89
												Ruminococcus bromii	3	98	98
												Ruminococcus obeum	11	97	96
												Ruminococcus lactaris	1	95	95
												Ruminococcus hydrogenotrophicus	4	97	96
										Lachnospira	1	Lachnospira pectinoschiza	1	98	98
										Anaerofilum	1	Anaerofilum pentosovorans	1	90	90
								Eubacteriaceae	4	Eubacterium	4	Eubacterium desmolans	1	98	98
												Eubacterium eligens	2	92	92
												Eubacterium hallii	1	96	96
		Bacteroidetes	18	Bacteroides (class)	18	Bacteroidales	18	Bacteroidaceae	18	Bacteroides	13	Bacteroides fragilis	2	100	100
												Bacteroides vulgatus	6	98	98
												Bacteroides caccae	5	97	96
										Alistipes	5	Alistipes putredinis	5	94	89
		Actinobacteria	2	Actinobacteria (class)	2	Coriobacteriales	2	Coriobacteriaceae	2	Olsenella	2	Olsenella uli	2	95	95
	85		85		85		85		85		85		85		

no. 17

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Max%	Min%
Bacteria	92	Firmicutes	32	Bacilli	1	Bacillales	1	Bacillaceae	1	Bacillus	1	Bacillus subtilis	1	100	0
				Clostridia	31	Clostridiales	31	Clostridiaceae	15	Clostridium	9	Clostridium irregulare	3	98	98
												Clostridium nexile	2	97	97
												Clostridium disporicum	2	100	99
												Clostridium bolteae	2	95	95
										Sporobacter	1	Sporobacter termitidis	1	91	91
										Dorea	2	Dorea longicatena	2	99	99
										Faecalibacterium	3	Faecalibacterium prausnitzii	3	98	98
								Lachnospiraceae	13	Ruminococcus	12	Ruminococcus gnavus	1	99	99
												Ruminococcus torques	1	99	99
												Ruminococcus obeum	6	96	96
												Ruminococcus luti	4	98	97
										Anaerostipes	1	Anaerostipes caccae	1	96	96
								Eubacteriaceae	3	Eubacterium	3	Eubacterium eligens	1	92	92
												Eubacterium ruminantium	2	96	96
		Bacteroidetes	59	Bacteroides (class)	59	Bacteroidales	59	Bacteroidaceae	12	Bacteroides	11	Bacteroides merdae	1	99	99
												Bacteroides stercoris	10	92	90
										Megamonas	1	Megamonas hypermegale	1	95	95
								Prevotellaceae	47	Prevotella	47	Prevotella corporis	1	91	91
												Prevotella oulorum	46	93	92
		Actinobacteria	1	Actinobacteria (class)	1	Coriobacteriales	1	Coriobacteriaceae	1	Slackia	1	Slackia exigua	1	91	91
	92		92		92		92		92		92		92		

no. 18

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Max%	Min%
Bacteria	93	Firmicutes	64	"Erysipelotrichi"	6	"Erysipelotrichales"	6	Erysipelotrichaceae	6	Erysipelotrichaceae Incertae Sedis	6	Clostridium spiroforme	6	94	93
				Bacilli	4	Lactobacillales	4	Streptococcaceae	4	Streptococcus	4	Streptococcus salivarius	4	99	98
				Clostridia	54	Clostridiales	54	Clostridiaceae	19	Clostridium	10	Clostridium cellulolyticum	1	90	90
												Clostridium nexile	2	97	97
												Clostridium sphenoides	1	96	96
												Clostridium orbiscindens	1	99	99
												Clostridium saccharolyticum	1	93	93
												Clostridium hylemonae	2	96	96
												Clostridium hathewayi	1	96	96
												Clostridium bolteae	1	95	95
										Dorea	1	Dorea longicatena	1	99	99
										Faecalibacterium	8	Faecalibacterium prausnitzii	8	98	91
								Lachnospiraceae	27	Ruminococcus	20	Ruminococcus productus	1	98	98
												Ruminococcus gnavus	1	100	100
												Ruminococcus obeum	12	96	96
												Ruminococcus hydrogenotrophicus	2	97	97
												Ruminococcus luti	4	98	97
										Lachnospira	1	Lachnospira pectinoschiza	1	96	96
										Anaerostipes	6	Anaerostipes caccae	6	96	96
								Eubacteriaceae	8	Eubacterium	8	Eubacterium hallii	3	98	95
												Eubacterium rectale	5	99	98
		Bacteroidetes	27	Bacteroides (class)	27	Bacteroidales	27	Bacteroidaceae	27	Bacteroides	26	Bacteroides thetaiotaomicron	1	99	99
												Bacteroides vulgatus	4	98	98
												Bacteroides distasonis	1	97	97
												Bacteroides ovatus	5	93	93
												Bacteroides stercoris	10	99	90
												Bacteroides caccae	4	100	91
												Bacteroides acidifaciens	1	98	98
										Alistipes	1	Alistipes putredinis	1	97	97
		Actinobacteria	1	Actinobacteria (class)	1	Coriobacteriales	1	Coriobacteriaceae	1	Collinsella	1	Collinsella aerofaciens	1	99	99
		Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Uncultured bacterium adhufec84	1	95	95
	93		93		93		93		93		93		93		



no. 19

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Max%	Min%
Bacteria	88	Firmicutes	62	"Erysipelotrichi"	5	"Erysipelotrichales"	5	Erysipelotrichaceae	5	Erysipelotrichaceae Incertae Sedis	5	Clostridium spiroforme	5	94	94
				Bacilli	6	Lactobacillales	6	Streptococcaceae	6	Streptococcus	6	Streptococcus salivarius	6	100	99
				Clostridia	51	Clostridiales	51	Acidaminococcaceae	1	Phascolarctobacterium	1	Phascolarctobacterium faecium	1	100	100
								Clostridiaceae	29	Clostridium	16	Clostridium symbiosum	1	98	98
												Clostridium cellulolyticum	4	89	88
												Clostridium leptum	1	97	97
												Clostridium scindens	1	100	100
												Clostridium nexile	5	99	99
												Clostridium viride	1	91	91
												Clostridium hylemonae	1	93	93
												Clostridium bolteae	2	95	95
										Coprobacillus	1	Coprobacillus cateniformis	1	98	98
										Faecalibacterium	12	Faecalibacterium prausnitzii	12	92	92
								Lachnospiraceae	17	Ruminococcus	14	Ruminococcus albus	1	95	95
												Ruminococcus gnavus	1	100	100
												Ruminococcus torques	1	99	99
												Ruminococcus bromii	4	98	98
												Ruminococcus obeum	5	97	96
												Ruminococcus hydrogenotrophicus	1	97	97
												Ruminococcus schinkii	1	97	97
										Anaerofilum	1	Anaerofilum pentosovorans	1	88	88
										Anaerostipes	2	Anaerostipes caccae	2	99	99
								Eubacteriaceae	4	Eubacterium	4	Eubacterium contortum	1	98	98
												Eubacterium hallii	2	98	98
												Eubacterium ventriosum	1	94	94
		Bacteroidetes	18	Bacteroides (class)	18	Bacteroidales	18	Bacteroidaceae	18	Bacteroides	17	Bacteroides vulgatus	5	99	99
												Bacteroides distasonis	1	99	99
												Bacteroides merdae	3	99	99
												Bacteroides stercoris	4	99	99
												Bacteroides caccae	3	99	97
												Bacteroides acidifaciens	1	98	98
										Megamonas	1	Megamonas hypermegale	1	95	95
		Actinobacteria	8	Actinobacteria (class)	8	Coriobacteriales	7	Coriobacteriaceae	7	Collinsella	7	Collinsella aerofaciens	7	99	99
						Actinomycetales	1	Actinomycetaceae	1	Actinomyces	1	Actinomyces bowdenii	1	91	91
	88		88		88		88		88		88		88		

no. 20

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Max%	Min%
Bacteria	86	Proteobacteria	2	Alphaproteobacteria	2	Rhodospirillales	2	Rhodospirillaceae	2	Rhodospirillum	2	Rhodospirillum rubrum	2	85	85
		Firmicutes	59	Clostridia	59	Clostridiales	59	Acidaminococcaceae	6	Acidaminococcus	3	Acidaminococcus fermentans	3	96	96
										Megasphaera	2	Megasphaera micronuciformis	2	96	95
										Phascolarctobacterium	1	Phascolarctobacterium faecium	1	100	100
								Clostridiaceae	15	Clostridium	12	Clostridium cellulolyticum	1	90	90
												Clostridium cellobioparum	2	86	85
												Clostridium xylanolyticum	1	95	95
												Clostridium viride	1	94	94
												Clostridium orbiscindens	1	97	97
												Clostridium saccharolyticum	2	95	95
												Clostridium hathewayi	1	95	95
												Clostridium bolteae	3	96	95
										Dorea	2	Dorea longicatena	2	99	99
										Faecalibacterium	1	Faecalibacterium prausnitzii	1	93	93
								Lachnospiraceae	20	Roseburia	3	Roseburia intestinalis	3	100	99
										Ruminococcus	16	Ruminococcus gnavus	1	100	100
												Ruminococcus torques	6	99	96
												Ruminococcus obeum	3	96	96
												Ruminococcus hydrogenotrophicus	3	97	96
												Ruminococcus luti	3	98	98
										Lachnospira	1	Lachnospira pectinoschiza	1	96	96
								Eubacteriaceae	18	Eubacterium	18	Eubacterium eligens	1	92	92
												Eubacterium hallii	2	98	98
												Eubacterium rectale	15	99	97
		Fusobacteria	1	Fusobacteria (class)	1	Fusobacterales	1	Fusobacteriaceae	1	Unclassified Fusobacteriaceae	1	Clostridium rectum	1	98	98
		Bacteroidetes	15	Bacteroides (class)	15	Bacteroidales	15	Bacteroidaceae	14	Bacteroides	7	Bacteroides vulgatus	2	98	98
												Bacteroides distasonis	2	98	86
												Bacteroides caccae	1	99	99
												Bacteroides acidifaciens	2	97	97
										Megamonas	2	Megamonas hypermegale	2	96	95
										Alistipes	5	Alistipes putredinis	5	97	97
								Porphyromonadaceae	1	Tannerella	1	Tannerella forsythensis	1	87	87
		Actinobacteria	6	Actinobacteria (class)	6	Coriobacteriales	4	Coriobacteriaceae	4	Collinsella	4	Collinsella aerofaciens	4	99	98
						Bifidobacteriales	2	Bifidobacteriaceae	2	Bifidobacterium	2	Bifidobacterium angulatum	2	99	98
		Unclassified bacteria	3	Unclassified bacteria	3	Unclassified bacteria	3	Unclassified bacteria	3	Unclassified bacteria	3	Uncultured bacterium adhufec84	1	95	95
												Uncultured bacterium adhufec12.25	2	92	92

	86		86		86		86		86		86		86		

no. 21

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Max%	Min%
Bacteria	94	Firmicutes	61	"Erysipelotrichi"	18	"Erysipelotrichales"	18	Erysipelotrichaceae	18	Erysipelotrichaceae Incertae Sedis	18	Clostridium spiroforme	18	94	93
				Clostridia	43	Clostridiales	43	Clostridiaceae	18	Clostridium	6	Clostridium disporicum	1	100	100
												Clostridium hathewayi	1	95	95
												Clostridium bolteae	4	95	95
										Dorea	5	Dorea longicatena	5	99	99
										Faecalibacterium	7	Faecalibacterium prausnitzii	7	98	97
								Lachnospiraceae	21	Ruminococcus	19	Ruminococcus productus	6	98	96
												Ruminococcus gnavus	4	100	100
												Ruminococcus obeum	3	97	95
												Ruminococcus hydrogenotrophicus	1	97	97
												Ruminococcus schinkii	5	98	95
										Anaerostipes	2	Anaerostipes caccae	2	96	96
								Eubacteriaceae	4	Eubacterium	4	Eubacterium hallii	2	98	98
												Eubacterium rectale	2	99	99
		Bacteroidetes	32	Bacteroides (class)	32	Bacteroidales	32	Bacteroidaceae	32	Bacteroides	32	Bacteroides vulgatus	23	98	97
												Bacteroides distasonis	5	97	97
												Bacteroides ovatus	2	99	99
												Bacteroides stercoris	1	98	98
												Bacteroides caccae	1	99	99
		Actinobacteria	1	Actinobacteria (class)	1	Bifidobacteriales	1	Bifidobacteriaceae	1	Bifidobacterium	1	Bifidobacterium angulatum	1	99	99
	94		94		94		94		94		94		94		

no. 22

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Max%	Min%
Bacteria	95	Firmicutes	60	"Erysipelotrichi"	10	"Erysipelotrichales"	10	Erysipelotrichaceae	10	Erysipelotrichaceae Incertae Sedis	10	Clostridium spiroforme	10	94	91
				Bacilli	8	Bacillales	1	Bacillaceae	1	Bacillus	1	Bacillus subtilis	1	99	99
						Lactobacillales	7	Streptococcaceae	6	Streptococcus	6	Streptococcus salivarius	3	99	99
												Streptococcus lutetiensis	3	100	99
				Clostridia	42	Clostridiales	42	Acidaminococcaceae	2	Acidaminococcus	1	Acidaminococcus fermentans	1	97	97
										Phascolarctobacterium	1	Phascolarctobacterium faecium	1	94	94
								Clostridiaceae	11	Clostridium	4	Clostridium celerecrescens	1	96	96
												Clostridium xylanolyticum	2	95	90
												Clostridium hathewayi	1	95	95
										Faecalibacterium	7	Faecalibacterium prausnitzii	7	98	98
								Lachnospiraceae	29	Roseburia	1	Roseburia intestinalis	1	96	96
										Ruminococcus	18	Ruminococcus productus	2	98	96
												Ruminococcus gnavus	2	100	100
												Ruminococcus torques	1	96	96
												Ruminococcus obeum	6	99	96
												Ruminococcus hydrogenotrophicus	2	97	96
												Ruminococcus luti	4	98	97
												Ruminococcus schinkii	1	97	97
										Lachnospira	1	Lachnospira pectinoschiza	1	96	96
										Anaerostipes	8	Anaerostipes caccae	8	96	96
										Syntrophococcus	1	Syntrophococcus sucromutans	1	92	92
								Eubacteriaceae	1	Eubacterium	1	Eubacterium rectale	1	99	99
		Bacteroidetes	35	Bacteroides (class)	35	Bacteroidales	35	Bacteroidaceae	7	Bacteroides	7	Bacteroides vulgatus	1	98	98
												Bacteroides distasonis	1	97	97
												Bacteroides stercoris	4	90	90
												Bacteroides caccae	1	95	95
								Prevotellaceae	28	Prevotella	28	Prevotella melaninogenica	8	90	90
												Prevotella oulorum	18	93	92
												Prevotella bryantii	2	91	91
	95		95		95		95		95		95		95		

no. 23

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Max%	Min%
Bacteria	94	Proteobacteria	1	Gammaproteobacteria	1	Enterobacteriales	1	Enterobacteriaceae	1	Escherichia	1	Escherichia coli	1	100	100
		Firmicutes	74	"Erysipelotrichi"	7	"Erysipelotrichales"	7	Erysipelotrichaceae	7	Erysipelotrichaceae Incertae Sedis	7	Clostridium spiroforme	4	92	92
												Eubacterium tortuosum	3	95	94
				Bacilli	1	Lactobacillales	1	Streptococcaceae	1	Streptococcus	1	Streptococcus salivarius	1	100	100
				Clostridia	66	Clostridiales	66	Acidaminococcaceae	6	Megasphaera	3	Megasphaera micronuciformis	3	96	96
										Phascolarctobacterium	3	Phascolarctobacterium faecium	3	100	99
								Clostridiaceae	25	Clostridium	24	Clostridium sporosphaeroides	2	91	89
												Clostridium nexile	12	99	99
												Clostridium orbiscindens	1	95	95
												Clostridium hylemonae	3	97	93
												Clostridium hathewayi	4	99	96
												Clostridium bolteae	2	97	96
										Faecalibacterium	1	Faecalibacterium prausnitzii	1	92	92
								Lachnospiraceae	32	Ruminococcus	29	Ruminococcus gnavus	12	100	97
												Ruminococcus torques	1	99	99
												Ruminococcus obeum	7	97	96
												Ruminococcus hydrogenotrophicus	3	97	96
												Ruminococcus luti	1	98	98
												Ruminococcus schinkii	5	97	96
										Anaerostipes	3	Anaerostipes caccae	3	96	96
								Eubacteriaceae	3	Eubacterium	3	Eubacterium desmolans	1	96	96
												Eubacterium rectale	2	99	99
		Bacteroidetes	19	Bacteroides (class)	19	Bacteroidales	19	Bacteroidaceae	19	Bacteroides	18	Bacteroides fragilis	1	99	99
												Bacteroides vulgatus	6	98	94
												Bacteroides distasonis	2	98	97
												Bacteroides ovatus	2	99	98
												Bacteroides stercoris	3	90	90
												Bacteroides caccae	3	96	95
												Bacteroides acidifaciens	1	98	98
										Alistipes	1	Alistipes putredinis	1	94	94
	94		94		94		94		94		94		94		

no. 24

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Max%	Min%
Bacteria	92	Firmicutes	55	"Erysipelotrichi"	3	"Erysipelotrichales"	3	Erysipelotrichaceae	3	Erysipelotrichaceae Incertae Sedis	3	Clostridium spiroforme	3	94	93
				Clostridia	52	Clostridiales	52	Clostridiaceae	16	Clostridium	7	Clostridium celerecrescens	1	95	95
												Clostridium orbiscindens	2	95	92
												Clostridium hathewayi	1	95	95
												Clostridium bolteae	3	95	95
										Dorea	4	Dorea formicigenerans	2	99	99
												Dorea longicatena	2	99	99
										Faecalibacterium	5	Faecalibacterium prausnitzii	5	98	92
								Lachnospiraceae	26	Ruminococcus	20	Ruminococcus gnavus	1	100	100
												Ruminococcus obeum	9	99	96
												Ruminococcus lactaris	3	99	99
												Ruminococcus hydrogenotrophicus	2	97	97
												Ruminococcus luti	5	98	98
										Anaerostipes	6	Anaerostipes caccae	6	96	96
								Eubacteriaceae	10	Eubacterium	10	Eubacterium desmolans	3	96	96
												Eubacterium eligens	1	92	92
												Eubacterium hallii	1	98	98
												Eubacterium rectale	3	99	99
												Eubacterium ventriosum	2	99	99
		Bacteroidetes	31	Bacteroides (class)	31	Bacteroidales	31	Bacteroidaceae	13	Bacteroides	13	Bacteroides vulgatus	10	98	98
												Bacteroides distasonis	2	99	86
												Bacteroides merdae	1	99	99
								Prevotellaceae	18	Prevotella	18	Prevotella oulorum	18	93	92
		Actinobacteria	6	Actinobacteria (class)	6	Coriobacteriales	5	Coriobacteriaceae	5	Collinsella	5	Collinsella aerofaciens	4	99	99
												Collinsella intestinalis	1	98	98
						Bifidobacteriales	1	Bifidobacteriaceae	1	Bifidobacterium	1	Bifidobacterium longum	1	99	99
	92		92		92		92		92		92		92		

no. 25

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Max%	Min%
Bacteria	96	Proteobacteria	1	Gammaproteobacteria	1	Enterobacteriales	1	Enterobacteriaceae	1	Escherichia	1	Escherichia coli	1	100	100
		Firmicutes	71	"Erysipelotrichi"	7	"Erysipelotrichales"	7	Erysipelotrichaceae	7	Erysipelotrichaceae Incertae Sedis	7	Clostridium ramosum	2	99	99
												Eubacterium dolichum	3	96	96
												Eubacterium tortuosum	2	94	94
				Clostridia	64	Clostridiales	64	Acidaminococcaceae	4	Sporomusa	1	Sporomusa sphaeroides	1	87	87
										Phascolarctobacterium	3	Phascolarctobacterium faecium	3	100	99
								Clostridiaceae	17	Clostridium	16	Clostridium leptum	2	97	96
												Clostridium propionicum	1	94	94
												Clostridium nexile	2	99	99
												Clostridium xylanolyticum	1	95	95
												Clostridium orbiscindens	1	98	98
												Clostridium saccharolyticum	2	96	94
												Clostridium hylemonae	1	96	96
												Clostridium lactatifermentans	1	99	99
												Clostridium bolteae	5	99	95
										Faecalibacterium	1	Faecalibacterium prausnitzii	1	93	93
								Lachnospiraceae	36	Ruminococcus	24	Ruminococcus productus	1	99	99
												Ruminococcus gnavus	2	100	100
												Ruminococcus torques	3	98	95
												Ruminococcus obeum	11	99	96
												Ruminococcus lactaris	1	95	95
												Ruminococcus hydrogenotrophicus	5	97	97
												Ruminococcus schinkii	1	97	97
										Lachnospira	2	Lachnospira pectinoschiza	2	98	98
										Anaerostipes	10	Anaerostipes caccae	10	96	96
								Eubacteriaceae	7	Eubacterium	7	Eubacterium hallii	5	98	98
												Eubacterium ramulus	1	97	97
												Eubacterium ventriosum	1	99	99
		Bacteroidetes	23	Bacteroides (class)	23	Bacteroidales	23	Bacteroidaceae	23	Bacteroides	23	Bacteroides fragilis	1	98	98
												Bacteroides vulgatus	9	99	98
												Bacteroides distasonis	8	98	98
												Bacteroides caccae	2	95	95
												Bacteroides acidifaciens	3	98	98
		Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Unclassified bacteria	1	Uncultured bacterium adhufec84	1	95	95
	96		96		96		96		96		96		96		

no. 26

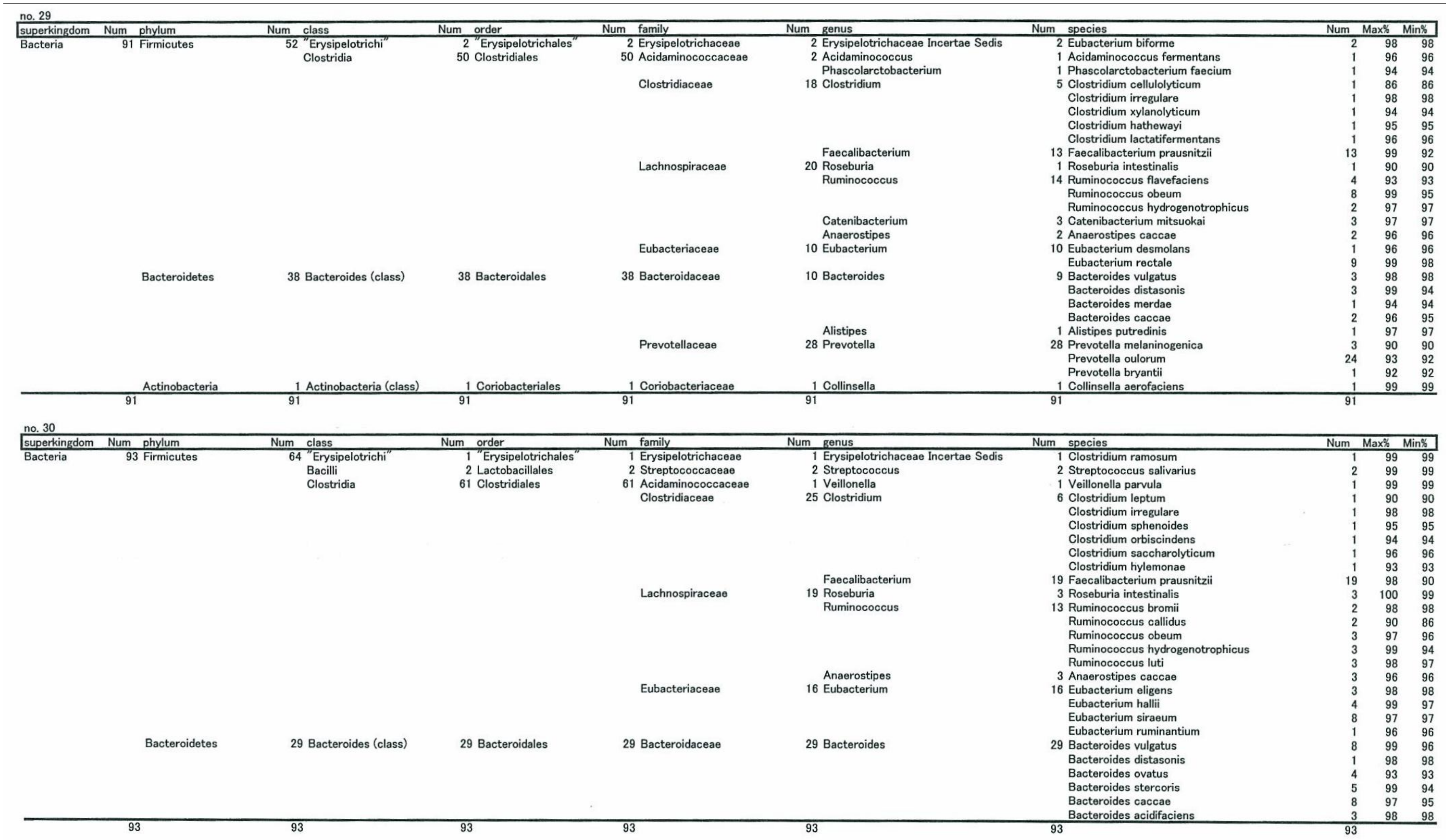
superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Max%	Min%
Bacteria	95	Firmicutes	71	"Erysipelotrichi"	19	"Erysipelotrichales"	19	Erysipelotrichaceae	19	Erysipelotrichaceae Incertae Sedis	19	Eubacterium biforme	16	98	98
												Clostridium spiroforme	3	94	92
				Bacilli	1	Bacillales	1	Bacillaceae	1	Bacillus	1	Bacillus subtilis	1	99	99
				Clostridia	51	Clostridiales	51	Clostridiaceae	22	Clostridium	6	Clostridium viride	1	91	91
												Clostridium hathewayi	1	95	95
												Clostridium bolteae	4	95	95
										Dorea	1	Dorea longicatena	1	99	99
										Faecalibacterium	15	Faecalibacterium prausnitzii	15	98	90
								Lachnospiraceae	26	Roseburia	1	Roseburia intestinalis	1	99	99
										Ruminococcus	8	Ruminococcus torques	1	96	96
												Ruminococcus obeum	5	99	96
												Ruminococcus hydrogenotrophicus	2	97	97
										Lachnospira	2	Lachnospira pectinoschiza	2	96	96
										Anaerostipes	15	Anaerostipes caccae	15	96	94
								Eubacteriaceae	3	Eubacterium	3	Eubacterium hallii	1	98	98
												Eubacterium ventriosum	2	99	87
		Bacteroidetes	22	Bacteroides (class)	22	Bacteroidales	22	Bacteroidaceae	22	Bacteroides	21	Bacteroides vulgatus	8	98	98
												Bacteroides ovatus	5	99	98
												Bacteroides merdae	5	99	94
												Bacteroides caccae	3	99	95
										Alistipes	1	Alistipes putredinis	1	97	97
		Actinobacteria	2	Actinobacteria (class)	2	Coriobacteriales	2	Coriobacteriaceae	2	Collinsella	2	Collinsella aerofaciens	2	99	99
	95		95		95		95		95		95		95		

no. 27

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Max%	Min%
Bacteria	95	Proteobacteria	1	Gammaproteobacteria	1	Pasteurellales	1	Pasteurellaceae	1	Haemophilus	1	Haemophilus parainfluenzae	1	98	98
		Firmicutes	49	"Erysipelotrichi"	2	"Erysipelotrichales"	2	Erysipelotrichaceae	2	Erysipelotrichaceae Incertae Sedis	2	Clostridium spiroforme	2	94	93
				Bacilli	15	Bacillales	5	Turicibacteraceae	5	Turicibacter	5	Turicibacter sanguinis	5	99	99
						Lactobacillales	10	Streptococcaceae	10	Streptococcus	10	Streptococcus salivarius	1	100	100
												Streptococcus mitis	1	99	99
												Streptococcus lutetiensis	8	100	100
				Clostridia	32	Clostridiales	32	Acidaminococcaceae	2	Veillonella	1	Veillonella dispar	1	99	99
										Dialister	1	Dialister invisus	1	96	96
								Clostridiaceae	14	Clostridium	8	Clostridium cellulolyticum	1	89	89
												Clostridium lituseburense	3	97	97
												Clostridium disporicum	3	100	99
												Clostridium hathewayi	1	95	95
										Faecalibacterium	6	Faecalibacterium prausnitzii	6	98	93
								Lachnospiraceae	7	Ruminococcus	6	Ruminococcus bromii	4	99	98
												Ruminococcus obeum	2	99	96
										Lachnospira	1	Lachnospira pectinoschiza	1	96	96
								Eubacteriaceae	9	Eubacterium	9	Eubacterium rectale	9	99	98
		Bacteroidetes	41	Bacteroides (class)	41	Bacteroidales	41	Bacteroidaceae	26	Bacteroides	26	Bacteroides vulgatus	1	99	99
												Bacteroides distasonis	1	86	86
												Bacteroides stercoris	24	92	90
								Prevotellaceae	15	Prevotella	15	Prevotella oulorum	14	93	92
												Prevotella albensis	1	86	86
		Actinobacteria	4	Actinobacteria (class)	4	Coriobacteriales	1	Coriobacteriaceae	1	Collinsella	1	Collinsella aerofaciens	1	99	99
						Actinomycetales	1	Actinomycetaceae	1	Unclassified Actinomycetaceae	1	nitropropanol–degrading bacterium NPOH1	1	85	85
						Bifidobacteriales	2	Bifidobacteriaceae	2	Bifidobacterium	2	Bifidobacterium adolescentis	2	97	97
	95		95		95		95		95		95		95		

no. 28

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Max%	Min%
Bacteria	95	Firmicutes	51	"Erysipelotrichi"	7	"Erysipelotrichales"	7	Erysipelotrichaceae	7	Erysipelotrichaceae Incertae Sedis	7	Clostridium ramosum	1	99	99
												Eubacterium biforme	6	98	98
				Bacilli	4	Lactobacillales	4	Streptococcaceae	4	Streptococcus	4	Streptococcus salivarius	2	100	99
												Streptococcus sobrinus	1	97	97
												Streptococcus intermedius	1	99	99
				Clostridia	40	Clostridiales	40	Acidaminococcaceae	3	Veillonella	3	Veillonella parvula	1	98	98
												Veillonella dispar	2	99	99
								Clostridiaceae	22	Clostridium	22	Clostridium symbiosum	1	98	98
												Clostridium hiranonis	11	99	99
												Clostridium hathewayi	5	96	95
												Clostridium bolteae	5	95	95
								Lachnospiraceae	13	Roseburia	3	Roseburia intestinalis	3	96	96
										Ruminococcus	5	Ruminococcus gnavus	1	100	100
												Ruminococcus obeum	3	96	96
												Ruminococcus hydrogenotrophicus	1	96	96
										Catenibacterium	5	Catenibacterium mitsuokai	5	97	97
								Eubacteriaceae	2	Eubacterium	2	Eubacterium eligens	1	92	92
												Eubacterium ventriosum	1	99	99
		Fusobacteria	2	Fusobacteria (class)	2	Fusobacterales	2	Fusobacteriaceae	2	Unclassified Fusobacteriaceae	1	Clostridium rectum	1	97	97
										Fusobacterium	1	Fusobacterium perfoetens	1	95	95
		Bacteroidetes	39	Bacteroides (class)	39	Bacteroidales	39	Bacteroidaceae	21	Bacteroides	5	Bacteroides stercoris	1	90	90
												Bacteroides acidifaciens	4	98	97
										Megamonas	16	Megamonas hypermegale	16	96	95
								Prevotellaceae	18	Prevotella	18	Prevotella oulorum	18	93	93
		Actinobacteria	3	Actinobacteria (class)	3	Coriobacteriales	3	Coriobacteriaceae	3	Collinsella	3	Collinsella aerofaciens	3	99	99
	95		95		95		95		95		95		95		



no. 29

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Max%	Min%
Bacteria	91	Firmicutes	52	"Erysipelotrichi"	2	"Erysipelotrichales"	2	Erysipelotrichaceae	2	Erysipelotrichaceae Incertae Sedis	2	Eubacterium biforme	2	98	98
				Clostridia	50	Clostridiales	50	Acidaminococcaceae	2	Acidaminococcus	1	Acidaminococcus fermentans	1	96	96
										Phascolarctobacterium	1	Phascolarctobacterium faecium	1	94	94
								Clostridiaceae	18	Clostridium	5	Clostridium cellulolyticum	1	86	86
												Clostridium irregulare	1	98	98
												Clostridium xylanolyticum	1	94	94
												Clostridium hathewayi	1	95	95
												Clostridium lactatifermentans	1	96	96
										Faecalibacterium	13	Faecalibacterium prausnitzii	13	99	92
								Lachnospiraceae	20	Roseburia	1	Roseburia intestinalis	1	90	90
										Ruminococcus	14	Ruminococcus flavefaciens	4	93	93
												Ruminococcus obeum	8	99	95
												Ruminococcus hydrogenotrophicus	2	97	97
										Catenibacterium	3	Catenibacterium mitsuokai	3	97	97
										Anaerostipes	2	Anaerostipes caccae	2	96	96
								Eubacteriaceae	10	Eubacterium	10	Eubacterium desmolans	1	96	96
												Eubacterium rectale	9	99	98
		Bacteroidetes	38	Bacteroides (class)	38	Bacteroidales	38	Bacteroidaceae	10	Bacteroides	9	Bacteroides vulgatus	3	98	98
												Bacteroides distasonis	3	99	94
												Bacteroides merdae	1	94	94
												Bacteroides caccae	2	96	95
										Alistipes	1	Alistipes putredinis	1	97	97
								Prevotellaceae	28	Prevotella	28	Prevotella melaninogenica	3	90	90
												Prevotella oulorum	24	93	92
												Prevotella bryantii	1	92	92
		Actinobacteria	1	Actinobacteria (class)	1	Coriobacteriales	1	Coriobacteriaceae	1	Collinsella	1	Collinsella aerofaciens	1	99	99
	91		91		91		91		91		91		91		

no. 30

superkingdom	Num	phylum	Num	class	Num	order	Num	family	Num	genus	Num	species	Num	Max%	Min%
Bacteria	93	Firmicutes	64	"Erysipelotrichi"	1	"Erysipelotrichales"	1	Erysipelotrichaceae	1	Erysipelotrichaceae Incertae Sedis	1	Clostridium ramosum	1	99	99
				Bacilli	2	Lactobacillales	2	Streptococcaceae	2	Streptococcus	2	Streptococcus salivarius	2	99	99
				Clostridia	61	Clostridiales	61	Acidaminococcaceae	1	Veillonella	1	Veillonella parvula	1	99	99
								Clostridiaceae	25	Clostridium	6	Clostridium leptum	1	90	90
												Clostridium irregulare	1	98	98
												Clostridium sphenoides	1	95	95
												Clostridium orbiscindens	1	94	94
												Clostridium saccharolyticum	1	96	96
												Clostridium hylemonae	1	93	93
										Faecalibacterium	19	Faecalibacterium prausnitzii	19	98	90
								Lachnospiraceae	19	Roseburia	3	Roseburia intestinalis	3	100	99
										Ruminococcus	13	Ruminococcus bromii	2	98	98
												Ruminococcus callidus	2	90	86
												Ruminococcus obeum	3	97	96
												Ruminococcus hydrogenotrophicus	3	99	94
												Ruminococcus luti	3	98	97
										Anaerostipes	3	Anaerostipes caccae	3	96	96
								Eubacteriaceae	16	Eubacterium	16	Eubacterium eligens	3	98	98
												Eubacterium hallii	4	99	97
												Eubacterium siraeum	8	97	97
												Eubacterium ruminantium	1	96	96
		Bacteroidetes	29	Bacteroides (class)	29	Bacteroidales	29	Bacteroidaceae	29	Bacteroides	29	Bacteroides vulgatus	8	99	96
												Bacteroides distasonis	1	98	98
												Bacteroides ovatus	4	93	93
												Bacteroides stercoris	5	99	94
												Bacteroides caccae	8	97	95
												Bacteroides acidifaciens	3	98	98
	93		93		93		93		93		93		93		