References: ISOSPIN Fecal DNA

ISOSPIN Fecal DNA is used for purification of bacterial DNA from various samples.

1	Y, Sato. *et al.* : *Microorganisms.,* **12 (2)**, 252 (2024) Sialyllactose Enhances the Short-Chain Fatty Acid Production and Barrier Function of Gut Epithelial Cells via Nonbifidogenic Modification of the Fecal Microbiome in Human Adults	Sample: Bacterial Cells from culture
2	S, Yasunori. *et al.* : *Acta Veterinaria.*, **74** (2024) LONGITUDINAL AND CROSS-SECTIONAL STUDIES TO EVALUATE CHANGES IN COW MILK MICROBIOTA OVER THE LACTATION STAGES	Sample: Milk
3	M, Oshiro. e*t al.* : *Bioscience, Biotechnology, and Biochemistry.,* **0**, 1-10 (2024) Challenge of validation in whole-cell spike-in amplicon sequencing to comprehensively quantify food lactic acid bacteriota	Sample: Water-flour mixture, water
4	K, Sugimoto. *et al.* : *JFF.,* **123**, 106569 (2024) Scallop ceramide 2-aminoethylphosphonate is more effective than egg yolk sphingomyelin in improving cholesterol metabolism in obese/type II diabetic KK-Ay mice	Sample: Fecal
5	M, Horie. *et al.* : *Microbiome Res Rep.,* **3**, 35 (2024) Associations between intestinal lactic acid bacteria species and feeding habits of zoo animals	Sample: Fecal
6	N, Matsuura. *et al.* : *Nutrients.,* **16** (19), 3333 (2024) Effect of Personalized Prebiotic and Probiotic Supplements on the Symptoms of Irritable Bowel Syndrome: An Open-Label, Single-Arm, Multicenter Clinical Trial	Sample: Fecal
7	R, Ishikawa. *et al.* : *Ruminants.,* **4** (3), 292-303 (2024) Annual Change in the Composition of Bulk Tank Milk Microbiota in Northern Kanagawa Prefecture, Japan	Sample: Milk
8	K, Maita. *et al.* : *Int. J. Mol. Sci.,* **25** (22), 12455 (2024) Impact of Reduced Saliva Production on Intestinal Integrity and Microbiome Alterations: A Sialoadenectomy Mouse Model Study	Sample: Fecal
9	N, Azuma. *et al.* : *Bioscience, Biotechnology, and Biochemistry.,* **88**, 86-96 (2024) Effect of daily ingestion of Bifidobacterium and dietary fiber on vascular endothelial function: a randomized, double-blind, placebo-controlled, parallel-group comparison study	Sample: Fecal
10	M, Miyazaki. *et al.* : *Microbiology Society.,* Detection of butyrate from a Clostridium cluster I (Clostridium sensu stricto) strain, Clostridium tertium, under anaerobic conditions	Sample: Bacterial Cells
11	D, Tourlousse. *et al.* : Microbiome., **9**, 95 (2021) Validation and standardization of DNA extraction and library	Sample: Fecal

	construction methods for metagenomics-based human fecal microbiome measurements	
12	Y, Shinozuka. *et al.* : *Veterinary Medical Science.,* **83** (11), 1620-1627 (2021) Examination of the microbiota of normal cow milk using MinIONTM nanopore sequencing	Sample: Milk
13	N, Susai. *et al.* : *Bioscience of Microbiota, Food and Health.,* **41** (2), 73-82 (2022) Analysis of the gut microbiome to validate a mouse model of pellagra	Sample: Fecal
14	S, Horiuchi. *et al.* : *Jounal of Infection and Puclic Health.,* **14** (2), 271-275 (2021) Prevalence of Helicobacter pylori among residents and their environments in the Nara prefecture, Japan	Sample: Fecal
15	S, Matsumoto. *et al.* : *PLoS ONE.,* **18** (2): e0278013 (2023) Mimicking seasonal changes in light-dark cycle and ambient temperature modulates gut microbiome in mice under the same dietary regimen	Sample: Intestinal contents
16	A, Furuta. *et al.* : *J. Clin. Med.,* **10** (2), 224 (2021) Effects of Transanal Irrigation on Gut Microbiota in Pediatric Patients with Spina Bifida	Sample: Fecal
17	M, Zhang. *et al.* : *Front. Microbiol.,* **14**, 1138983 (2023) Fecal microbiota transplantation from Suncus murinus, an obesity-resistant animal, to C57BL/6NCrSIc mice, and the antibiotic effects in the approach	Sample: Fecal
18	K, Sugimoto. *et al.* : *Prev Nutr Food Sci.*, **28** (3), 246-254 (2023) Dietary Bamboo Charcoal Decreased Visceral Adipose Tissue Weight by Enhancing Fecal Lipid Excretions in Mice with High-Fat Diet-Induced Obesity	Sample: Fecal
19	M, Fukui. *et al.* : *Clinical and Experimental Dental Research.,* **8** (3), 611-792 (2022) Oral care tablet containing kiwifruit powder affects tongue coating microbiome	Sample: tongue coating sample
20	T, Ishida. *et al.* : *Foods.,* **11** (3), 373 (2022) Oyster (Crassostrea gigas) Extract Attenuates Dextran Sulfate Sodium-Induced Acute Experimental Colitis by Improving Gut Microbiota and Short-Chain Fatty Acids Compositions in Mice	Sample: Fecal
21	Y, Shinozuka. *et al.* : *Veterinary Medical Science.,* **84** (3), 310-318 (2022) Regression tree analysis of the relationship between the concentrations of antimicrobial components and the microbiota of normal milk from dairy cows	Sample: Milk
22	M, Hayashi. *et al.* : *Animals.,* **13** (4), 713 (2023)	Sample: Milk

	Effects of Intramammary Antimicrobial Treatment on the Milk Microbiota Composition in Mild Clinical Bovine Mastitis Caused by Gram-Positive Bacteria	
23	D, Tourlousse. *et al.* : *Microbiol Spectr.,* **10** (2022) Characterization and Demonstration of Mock Communities as Control Reagents for Accurate Human Microbiome Community Measurements	Sample: Cell mock communities
24	S, NEO. *et al.* : *J. Vet. Med. Sci.,* **84** (7), 1019-1022 (2022) Screening of bacterial DNA in bile sampled from healthy dogs and dogs suffering from liver- or gallbladder-associated disease	Sample: Bile
25	M, Zhang. *et al.* : *PLoS ONE.,* **18** (11), e0293213 (2023) Gut microbiota of Suncus murinus, a naturally obesity-resistant animal, improves the ecological diversity of the gut microbiota in high-fat-diet-induced obese mice	Sample: Fecal
26	N, Azuma. *et al.* : *Nutrients.,* **15** (19), 4175 (2023) Effect of Continuous Ingestion of Bifidobacteria and Dietary Fiber on Improvement in Cognitive Function: A Randomized, Double-Blind, Placebo-Controlled Trial	Sample: Fecal
27	T, Suzuki. *et al.* : *Ann Microbiol.,* **73**, 31 (2023) Exploratory study of volatile fatty acids and the rumen-and-gut microbiota of dairy cows in a single farm, with respect to subclinical infection with bovine leukemia virus	Sample: Fecal
28	T, Morohoshi. *et al.* : *Microbes Environ.,* **37** (4) (2022) Effects of Marine Sand on the Microbial Degradation of Biodegradable Plastics in Seawater and Biofilm Communities that Formed on Plastic Surfaces	Sample: Bio film
29	M, Sato. *et al.* : *Int. J. Mol. Sci.,* **22** (6), 3239 (2021) Formation of Autoimmune Lesions Is Independent of Antibiotic Treatment in NOD Mice	Sample: Fecal
30	L, Oinam. *et al.* : *ISME Communications.,* **2** (1) (2022) Glycan profiling of the gut microbiota by Glycan-seq	Sample: Fecal
31	K, Sugimoto. *et al.* : *J. Oleo Sci.,* **70** (7) 965-977 (2021) Comparison of the Cholesterol-Lowering Effect of Scallop Oil Prepared from the Internal Organs of the Japanese Giant Scallop (Patinopecten yessoensis), Fish Oil, and Krill Oil in Obese Type II Diabetic KK-A y Mice	Sample: Fecal
32	G, Tanaka. *et al.* : *Metabolites.,* **12** (1), 44 (2022) Dietary Alaska Pollock Protein Attenuates the Experimental Colitis Induced by Dextran Sulfate Sodium via Regulation of Gut Microbiota and Its Metabolites in Mice	Sample: Fecal
33	H, Fukuoka. *et al.* : *Front. Cell. Infect. Microbiol.,* **13** (2023) Elucidating colorectal cancer-associated bacteria through profiling of	Sample: Tissue, Enrichment culture

	minimally perturbed tissue-associated microbiota	
34	Y, Baba. *et al.* : *Nutrients.,* **15** (24), 5025 (2023) Effect of Continuous Ingestion of Bifidobacteria and Inulin on Reducing Body Fat: A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Comparison Study	Sample: Fecal
35	S, Yi. *et al.* : *PREPRINT (Version 1) available at Research Square.,* (2023), Gut microbiota of Suncus murinus, a naturally obesity-resistant animal, improves the ecological diversity of the gut microbiota in high-fat-diet-induced obese mice	Sample: Fecal
36	F, Hamano. *et al.* : *Metabolites.,* **11** (10), 701 (2021) Multi-Omics Analysis to Generate Hypotheses for Mild Health Problems in Monkeys	Sample: Fecal
37	K, Yoshimaru. *et al.* : *Scientific Reports.,* **12**, 6990 (2022) Dental pulp stem cells as a therapy for congenital entero-neuropathy	Sample: Fecal
38	T, Ishida. *et al.* : *Foods.,* **11** (14), 2032 (2022) Dietary Oyster (Crassostrea gigas) Extract Ameliorates Dextran Sulfate Sodium-Induced Chronic Experimental Colitis by Improving the Composition of Gut Microbiota in Mice	Sample: Fecal
39	K, Kuronuma. *et al.* : *Bioscience of Microbiota, Food and Health.,* **42** (3), 195-202 (2023) Protective effect of Bifidobacterium longum BB536 against nausea caused by pirfenidone in a mouse model of pellagra	Sample: Fecal
40	T, Yagisawa. *et al.* : *Microbiol Spectr.,* **11**, e04764-22 (2023) Metataxonomic Analysis of the Uterine Microbiota Associated with Low Fertility in Dairy Cows Using Endometrial Tissues Prior to First Artificial Insemination	Sample: Endometrial tissues
41	K, Umeda. *et al.* : *Bioscience of Microbiota, Food and Health.,* **42** (1), 34-48, (2023) Combination of poly- γ -glutamic acid and galactooligosaccharide improves intestinal microbiota, defecation status, and relaxed mood in humans: a randomized, double-blind, parallel-group comparison trial	Sample: Fecal
42	H, Matsui. *et al.* : *Microbiol Spectr.,* **9**, 1 (2021) Use of Recombinant Endolysin to Improve Accuracy of Group B Streptococcus Tests	Sample: Swab-resuspended broths, Broths