



HUMAN MICROBIOME PROJECT (HMP)

The NIH Roadmap has initiated the Human Microbiome Project (HMP) with the mission of generating resources enabling comprehensive characterization of the human microbiota and analysis of its role in human health and disease. In order to characterize the human microbiota a reference set of sequenced microbial genomes from organisms comprising the human microbiome is being developed. Part of the HMP is available through ATCC and part through BEI Resources.



Fully Sequenced Microbes

Description	Strain	ATCC® No.	Body Location
<i>Abiotrophia defectiva</i>	SC10	49176™	Oral
<i>Acinetobacter baumannii</i>	2208	19606™	Skin
<i>Acinetobacter</i> sp.	9458	27244™	Skin
<i>Anaerococcus hydrogenalis</i>	JCM 7635	49630™	Gastrointestinal
<i>Anaerococcus lactolyticus</i>	GIFU 8586	51172™	Urogenital
<i>Anaerococcus tetradius</i>	GIFU 7672	35098™	Urogenital
<i>Atopobium rimae</i>	VPI D140H-11A	49626™	Oral
<i>Bacteroides eggerthii</i>	VPI T5-42B-1	27754™	Gastrointestinal
<i>Bacteroides pectinophilus</i>	N3	43243™	Gastrointestinal
<i>Bifidobacterium angulatum</i>	B677	27535™	Gastrointestinal
<i>Bifidobacterium bifidum</i>	VPI 11241	29521™	Gastrointestinal
<i>Bifidobacterium breve</i>	S1 (Variant a)	15700™	Gastrointestinal
<i>Bifidobacterium catenulatum</i>	B669	27539™	Gastrointestinal
<i>Bifidobacterium gallicum</i>	P6	49850™	Gastrointestinal
<i>Bifidobacterium longum</i> subsp. <i>infantis</i>	Y1	55813™	Gastrointestinal
<i>Bifidobacterium pseudocatenulatum</i>	B1279	27919™	Gastrointestinal
<i>Brevibacterium mcbrellneri</i>	E2cr	49030™	Urogenital
<i>Butyrivibrio crossotus</i>	T9-40 A	29175™	Gastrointestinal
<i>Campylobacter gracilis</i>	FDC 1084	33236™	Oral
<i>Capnocytophaga sputigena</i>	ATCC 33612™	33612™	Oral
<i>Catonella morbi</i>	VPI D154F-12	51271™	Oral
<i>Chryseobacterium gleum</i>	F93	35910™	Nasal
<i>Citrobacter youngae</i>	Guam 1359	29220™	Gastrointestinal
<i>Clostridium celatum</i>	VPI 8759-1	27791™	Gastrointestinal
<i>Clostridium methylpentosum</i>	R2	43829™	Gastrointestinal

Fully Sequenced Microbes (cont.)

Description	Strain	ATCC® No.	Body Location
<i>Clostridium nexile</i>	VPI C48-37	27757™	Gastrointestinal
<i>Corynebacterium accolens</i>	CNCTC Th 1/57	49725™	Nasal
<i>Corynebacterium aurimucosum</i>	CN-1	700975™	Urogenital
<i>Corynebacterium genitalium</i>	392-1	33030™	Urogenital
<i>Corynebacterium glucuronalyticum</i>	IBS B12915	51866™	Urogenital
<i>Corynebacterium glucuronalyticum</i>	IBS B86470-1	51867™	Urogenital
<i>Corynebacterium jeikeium</i>	NCTC 11913	43734™	Urogenital
<i>Corynebacterium lipophiloflavum</i>	DMMZ 1944	700352™	Urogenital
<i>Corynebacterium matruchotii</i>	VPI D68A-10	33806™	Oral
<i>Corynebacterium matruchotii</i>	47	14266™	Oral
<i>Corynebacterium pseudogenitalium</i>	148A	33035™	Urogenital
<i>Corynebacterium striatum</i>	NCTC 764	6940™	Urogenital
<i>Corynebacterium striatum</i>	IBS B86470-1	51867™	Urogenital
<i>Dorea formicigenerans</i>	VPI C8-13	27755™	Gastrointestinal
<i>Edwardsiella tarda</i>	618-87	23685™	Gastrointestinal
<i>Eikenella corrodens</i>	333/54-55	23834™	Oral
<i>Enterobacter cancerogenus</i>	CDC 1124-78	35316™	Gastrointestinal
<i>Enterococcus faecalis</i>	8413	29200™	Gastrointestinal
<i>Erysipelothrix rhusiopathiae</i>	alpha-P15	19414™	Skin
<i>Escherichia coli</i>	MG1655	700926™	Gastrointestinal
<i>Eubacterium bifforme</i>	VPI C17-5	27806™	Gastrointestinal
<i>Filifactor alocis</i>	D40 B5	35896™	Oral
<i>Fusobacterium ulcerans</i>	NCTC 12111	49185™	Gastrointestinal
<i>Fusobacterium gonidiaformans</i>	VPI 0482A	25563™	Gastrointestinal
<i>Fusobacterium mortiferum</i>	ATCC 9817™	9817™	Gastrointestinal
<i>Fusobacterium nucleatum</i> subsp. <i>nucleatum</i>	VPI 4351	23726™	Urogenital
<i>Fusobacterium periodonticum</i>	EK1-15	33693™	Oral
<i>Fusobacterium ulcerans</i>	NCTC 12111	49185™	Gastrointestinal
<i>Fusobacterium varium</i>	P+	27725™	Gastrointestinal
<i>Gardnerella vaginalis</i>	594	14018™	Urogenital
<i>Gardnerella vaginalis</i>	317	14019™	Urogenital
<i>Gemella haemolysans</i>	NCTC 12968	10379™	Oral
<i>Helicobacter bilis</i>	SLH-38264	43879™	Gastrointestinal
<i>Helicobacter canadensis</i>	NLEP 16143	700968™	Gastrointestinal
<i>Helicobacter</i> sp.	1939	49309™	Gastrointestinal
<i>Helicobacter winghamensis</i>	NLEP 97-1090	BAA-430™	Gastrointestinal
<i>Holdemania filiformis</i>	VPI J1-31	51649™	Gastrointestinal
<i>Lactobacillus acidophilus</i>	L.d.r	4796™	Gastrointestinal
<i>Lactobacillus brevis</i> subsp. <i>gravesensis</i>	P-2	27305™	Gastrointestinal
<i>Lactobacillus buchneri</i>	ATCC 11577™	11577™	Gastrointestinal
<i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i>	Lb14	11842™	Gastrointestinal
<i>Lactobacillus fermentum</i>	B1 28	14931™	Gastrointestinal
<i>Lactobacillus hilgardii</i>	9	8290™	Gastrointestinal
<i>Lactobacillus johnsonii</i>	VPI 7960	33200™	Urogenital
<i>Lactobacillus paracasei</i> subsp. <i>paracasei</i>	C-5	25302™	Gastrointestinal
<i>Lactobacillus plantarum</i> subsp. <i>plantarum</i>	Lp 39	14917™	Gastrointestinal
<i>Lactobacillus salivarius</i>	HO66	11741™	Gastrointestinal
<i>Lactobacillus vaginalis</i>	NCTC 12197	49540™	Urogenital
<i>Leuconostoc mesenteroides</i> subsp. <i>cremoris</i>	NCDO 543	19254™	Gastrointestinal

Fully Sequenced Microbes (cont.)

Description	Strain	ATCC® No.	Body Location
<i>Mitsuokella multacida</i>	NLEP 16143	700968™	Gastrointestinal
<i>Mobiluncus curtisii</i>	V125	43063™	Urogenital
<i>Mobiluncus curtisii</i> subsp. <i>curtisii</i>	BV 345-16	35241™	Urogenital
<i>Mobiluncus mulieris</i>	SV 17J	35243™	Urogenital
<i>Mycobacterium parascrofulaceum</i>	HSC 68	BAA-614™	Urogenital
<i>Neisseria cinerea</i>	194	14685™	Nasal
<i>Neisseria elongata</i> subsp. <i>glycolytica</i>	6171/75	29315™	Skin
<i>Neisseria lactamica</i>	NCDC A7515	23970™	Nasal
<i>Neisseria mucosa</i>	M26	25996™	Nasal
<i>Neisseria polysaccharea</i>	NCTC 11858	43768™	Nasal
<i>Neisseria sicca</i>	6b	29256™	Nasal
<i>Mitsuokella multacida</i>	NLEP 16143	700968™	Gastrointestinal
<i>Mobiluncus curtisii</i>	V125	43063™	Urogenital
<i>Mobiluncus curtisii</i> subsp. <i>curtisii</i>	BV 345-16	35241™	Urogenital
<i>Mobiluncus mulieris</i>	SV 17J	35243™	Urogenital
<i>Mycobacterium parascrofulaceum</i>	HSC 68	BAA-614™	Urogenital
<i>Neisseria cinerea</i>	194	14685™	Nasal
<i>Neisseria elongata</i> subsp. <i>glycolytica</i>	6171/75	29315™	Skin
<i>Neisseria lactamica</i>	NCDC A7515	23970™	Nasal
<i>Neisseria mucosa</i>	M26	25996™	Nasal
<i>Neisseria polysaccharea</i>	NCTC 11858	43768™	Nasal
<i>Neisseria sicca</i>	6b	29256™	Nasal
<i>Porphyromonas endodontalis</i>	HG 370	35406™	Oral
<i>Prevotella melaninogenica</i>	B282	25845™	Oral
<i>Prevotella tannerae</i>	VPI N14B-15	51259™	Oral
<i>Proteus mirabilis</i>	CDC PR 14	29906™	Urogenital
<i>Providencia alcalifaciens</i>	ATCC 9886™	9886™	Gastrointestinal
<i>Providencia rustigianii</i>	CDC 132-68	33673™	Gastrointestinal
<i>Rhodococcus equi</i>	80	33707™	Skin
<i>Roseomonas cervicalis</i>	E7107	49957™	Urogenital
<i>Rothia mucilaginosa</i>	5762/67	25296™	Skin
<i>Selenomonas noxia</i>	VPI D9B-5	43541™	Oral
<i>Selenomonas sputigena</i>	VPI D19B-28	35185™	Oral
<i>Shuttleworthia satelles</i>	CCUG 45864	BAA-774™	Oral
<i>Sphingobacterium spiritivorum</i>	CDC E7288	33861™	Urogenital
<i>Sphingobacterium spiritivorum</i>	KM 2138	33300™	Urogenital
<i>Treponema vincentii</i>	LA	35580™	Oral
<i>Veillonella dispar</i>	ERN	17748™	Oral
<i>Weissella paramesenteroides</i>	R80	33313™	Gastrointestinal

DNA

Description	Strain	ATCC® No.	Body Location
<i>Acinetobacter baumannii</i>	2208	19606D-5	Skin
<i>Atopobium rimae</i>	VPI D140H-11A	49626D-5	Oral
<i>Bifidobacterium breve</i>	S1 (Variant a)	15700D-5	Gastrointestinal
<i>Campylobacter gracilis</i>	FDC 1084	33236D-5	Oral
<i>Corynebacterium matruchotii</i>	47	14266D-5	Oral
<i>Escherichia coli</i>	MG1655	700926D-5	Gastrointestinal

DNA (cont.)

Description	Strain	ATCC® No.	Body Location
<i>Gemella haemolysans</i>	NCTC 12968	10379D	Oral
<i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i>	Lb14	11842D-5	Gastrointestinal
<i>Porphyromonas endodontalis</i>	HG 370	35406D-5	Oral
<i>Prevotella melaninogenica</i>	B282	25845D-5	Oral
<i>Weissella paramesenteroides</i>	R80	33313D	Gastrointestinal

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