

<b>Número USP</b>	<b>Nome</b>	<b>genoma-consulta</b>	<b>número de acesso</b>	<b>genoma-alvo</b>	<b>número de acesso</b>
12529541	Abayomi Kayode Alves	Campylobacter pinnipediorum	NZ_CP012546.1	Gemmatimonas phototrophica	NZ_CP011454.1
12692774	Adriano Camargo Cavallari	Marisediminicola antarctica	NZ_CP017146.1	Paenibacillus crassostreae	NZ_CP017770.1
12529284	Akari Zornoff Furuiti	Dickeya dianthicola	NZ_CP031560.1	Frischella perrara	NZ_CP009056.1
12696844	Alice Montali Cretes	Erythrobacter litoralis	NZ_CP017057.1	Mariprofundus ferrinatatus	NZ_CP018800.1
12529134	Alisson Tobaldini de Almeida	Clostridium scatologenes	NZ_CP009933.1	Staphylococcus hyicus	NZ_CP008747.1
12606529	Andre Mendes Laranjeira Lippai	Litorilituus sediminis	NZ_CP034759.1	Pseudomonas trivialis	NZ_CP011507.1
12529238	Andr� Onias de Seta	Lactobacillus mali	NZ_CP045035.1	Mycolicibacterium aubagnense	NZ_AP022577.1
10739740	Arthur de Paula Nogueira	Fervidobacterium pennivorans	NC_017095.1	Akkermansia muciniphila	NC_010655.1
12529367	Arthur Goulart de Moura	Thermodesulfobacterium geofontis	NC_015682.1	Sulfuricella denitrificans	NC_022357.1
12702516	Beverly Fernandes Chukwurah	Cupriavidus pinatubonensis	NC_007347.1	Pandoraea oxalativorans	NZ_CP011253.3
11814989	Breno Novelli Tu	Brevundimonas naejangsanensis	NZ_CP015614.1	Staphylococcus xylosus	NZ_CP008724.1
12529221	Bruna Stockler Della Manna	Anaerotignum propionicum	NZ_CP014223.1	Hymenobacter sedentarius	NZ_CP013909.1
12606561	Bruno Comunale Bergonso	Gordonia polyisoprenivorans	NC_016906.1	Mycoplasma gallinaceum	NZ_LR214950.1
10117350	Bruno de Sales Vieira	Corynebacterium jeikeium	NC_007164.1	Thioalkalivibrio nitratireducens	NC_019902.2
12529259	Caio Iyama Linguitte	Salicibibacter halophilus	NZ_CP035485.1	Aerosticca soli	NZ_AP018560.1
12752669	Caio Muraca de Zevedo	Succinivibrio dextrinosolvens	NZ_CP047056.1	Corynebacterium simulans	NZ_CP014634.1
10740940	Camila Dantas da Silva Santos	Clostridium scindens	NZ_CP036170.1	Bacillus lehensis	NZ_CP003923.1
12529270	Catarina de Godoi Camargo	Acinetobacter johnsonii	NZ_CP010350.1	Bacillus vallismortis	NZ_CP026362.1
12732041	Caua Teixeira Mota	Sphingomonas insulae	NZ_CP048422.1	Anaerostipes rhamnosivorans	NZ_CP040058.1
5123542	David Affonso Narazaki	Sphingobacterium lactis	NZ_CP049246.1	Francisella hispaniensis	NZ_CP018093.1
12529113	Diego Duarte Gonzalez	Bacillus asahii	NZ_CP026095.1	Chryseobacterium camelliae	NZ_CP022986.1
12529162	Diego Seiti Ogita Iacabo	Phyllobacterium zundukense	NZ_CP017940.1	Micromonospora tulbaghiaie	NZ_CP024087.1
11295567	Douglas Ramires Santana do Nascimento	Hafnia paralvei	NZ_CP014031.2	Phreatobacter stygius	NZ_CP039690.1
10273032	Emerson Vieira Bezerra	Glutamicibacter arilaitensis	NC_014550.1	Tessaracoccus flavescens	NZ_CP019607.1
12682925	Eric Borges Costa dos Santos	Neokomagataea tanensis	NZ_CP032485.1	Lactobacillus bombi	NZ_CP031513.1
8522751	Eric Goldszmidt Gerevini	Meiothermus ruber	NC_013946.1	Campylobacter lari	NC_012039.1
12692180	Eric Yuji Shinjo	Mannheimia varigena	NZ_CP006943.1	Komagataeibacter saccharivorans	NZ_CP023036.1
12623053	Felipe Donega Romanini	Acinetobacter bereziniae	NZ_CP018259.1	Rhodococcus hoagii	NC_014659.1
12529558	Fernando Marcondes Machado	Nocardia farcinica	NZ_LN868938.1	Kangiella sediminilitoris	NZ_CP012418.1
8940240	Fl�via Priscila Ito	Lachnoanaerobaculum umeaense	NZ_CP032364.1	Cronobacter muytjensii	NZ_CP012268.1
12529346	Gabriela de Carvalho Cortez	Intestinibaculum porci	NZ_AP019309.1	Listeria innocua	NC_003212.1
12529440	Gabriela Nogueira Pesenato	Cyanobacterium aponinum	NC_019776.1	Xenorhabdus bovienii	NC_013892.1
8801999	Gabriel Biajoli Cicchetto	Advenella mimigardefordensis	NZ_CP003915.1	Hypericibacter terrae	NZ_CP042906.1
12606637	Gabriel de Aquino Madalena	Clostridium tetani	NC_004557.1	Sporosarcina ureae	NZ_CP015109.1
12529197	Gabriel de Carvalho Dias	Exiguobacterium antarcticum	NC_018665.1	Streptococcus marmotae	NZ_CP015196.1
12730960	Gabriel Quintino Goncalves de Melo	Bordetella bronchialis	NZ_CP016170.1	Roseomonas mucosa	NZ_CP044114.1
12565330	Gabriel Sousa Santos	Alcaligenes aquatilis	NZ_CP032153.1	Thermoanaerobacter ethanolicus	NZ_CP033580.1
12822980	Gabriela Spinola de Oliveira	Nocardia farcinica	NZ_LN868938.1	Psychromicrobium lacuslunae	NZ_CP011005.1
12606616	Guilherme Fernando da Rocha Vianna	Sphingomonas hengshuiensis	NZ_CP010836.1	Acidithiobacillus ferridurans	NZ_AP018795.1

12681031	Guilherme Figueiredo de Oliveira	<i>Listeria grayi</i>	NZ_LR134483.1	<i>Brevundimonas diminuta</i>	NZ_CP035093.1
5983243	Guilherme Hirose	<i>Bifidobacterium catenulatum</i>	NZ_AP012325.1	<i>Shewanella baltica</i>	NC_016901.1
12529291	Gustavo Gasparini de Miranda	<i>Catenovulum sediminis</i>	NZ_CP041660.1	<i>Planococcus plakortidis</i>	NZ_CP016539.2
10736031	Heitor Marinho Silva Lima	<i>Curtobacterium pusillum</i>	NZ_CP018783.1	<i>Glaesserella parasuis</i>	NC_011852.1
12529072	Helio Augusto Ramos Domingues	<i>Fibrobacter succinogenes</i>	NC_017448.1	<i>Lactobacillus johnsonii</i>	NC_005362.1
12529068	Henrique de Toledo Nogueira	<i>Nocardiosis gilva</i>	NZ_CP022753.1	<i>Bradyrhizobium symbiodeficiens</i>	NZ_CP029427.1
12529180	Henrique Giaquinto	<i>Streptococcus urinalis</i>	NZ_LR134323.1	<i>Simplicispira suum</i>	NZ_CP027669.1
5128609	Idalicio Reimberg Lima	<i>Leptotrichia trevisanii</i>	NZ_AP019840.1	<i>Leadbetterella byssophila</i>	NC_014655.1
12565292	Isabela Montoro Lazzaro	<i>Staphylospora marina</i>	NZ_CP034118.1	<i>Desulfomonile tiedjei</i>	NC_018025.1
12684225	Jean Candido Santana	<i>Fusobacterium mortiferum</i>	NZ_CP028102.1	<i>Corynebacterium ammoniagenes</i>	NZ_CP009244.1
12529429	João Gabriel Pinheiro Andrade Marq	<i>Rhodococcus erythropolis</i>	NZ_CP011295.1	<i>Nocardioides dokdonensis</i>	NZ_CP015079.1
12529537	João Pedro Araujo Brandão	<i>Rubrobacter indicooceani</i>	NZ_CP031115.1	<i>Halomonas titanicae</i>	NZ_CP039374.2
12529461	João Vittor de Camargo Freitas	<i>Thermoanaerobacterium xylanolyticum</i>	NC_015555.1	<i>Synechococcus lividus</i>	NZ_CP018092.1
4847749	Jose Eduardo Coghetto de Almeida de	<i>Oligotropha carboxidovorans</i>	NC_015684.1	<i>Lentibacillus amyloliquefaciens</i>	NZ_CP013862.1
12681991	Jose Luis Reis	<i>Pelobacter acetylenicus</i>	NZ_CP015455.1	<i>Bifidobacterium pseudocatenulatum</i>	NZ_AP012330.1
12529371	Julia Darim Azevedo	<i>Bacillus halotolerans</i>	NZ_CP029364.1	<i>Cyclobacterium amurskyense</i>	NZ_CP012040.1
12718020	Kamila de Alcantara Souza	<i>Chlamydia muridarum</i>	NC_002620.2	<i>Brachybacterium saurashtrense</i>	NZ_CP031356.1
12529093	Leandro de Melo Ramos	<i>Lonsdalea britannica</i>	NZ_CP023009.1	<i>Echinicola strongylocentroti</i>	NZ_CP030041.1
12606575	Livia Akari Nakamoto	<i>Nonlabens dokdonensis</i>	NC_020156.1	<i>Tatlockia micdadei</i>	NZ_LN614830.1
12606512	Livia Ferreira dos Santos	<i>Oenococcus siceræ</i>	NZ_CP029684.2	<i>Mycoplasma neurolyticum</i>	NZ_LR214951.1
12732016	Luana Raissa da Silva Freitas	<i>Thermanaerovibrio acidaminovorans</i>	NC_013522.1	<i>Tetragenococcus osmophilus</i>	NZ_CP027783.1
9780971	Lucas Antoniazzi Amil	<i>Xanthomonas hyacinthi</i>	NZ_CP043476.1	<i>Micrococcus luteus</i>	NC_012803.1
12529408	Lucas de Oliveira Margarido	<i>Starkeya novella</i>	NC_014217.1	<i>Halanaerobium hydrogeniformans</i>	NC_014654.1
12606596	Lucas Guimaraes Tanbellini	<i>Mycolicibacterium poriferae</i>	NZ_AP022570.1	<i>Tistrella mobilis</i>	NC_017956.1
12529496	Lucas Lima Verdaguer	<i>Reinekea forsetii</i>	NZ_CP011797.1	<i>Echinicola rosea</i>	NZ_CP040106.1
12606554	Luigi da Silva Rosa	<i>Vibrio breoganii</i>	NZ_CP016177.1	<i>Salicibibacter kimchii</i>	NZ_CP031092.1
12529030	Luisa Kurianski Freitas Santos	<i>Dehalogenimonas lykanthroporepellens</i>	NC_014314.1	<i>Acinetobacter lactucae</i>	NZ_CP020015.1
12822055	Luisa Souza Feitosa	<i>Providencia alcalifaciens</i>	NZ_LS483467.1	<i>Bartonella henselae</i>	NC_005956.1
7602122	Maitê Yorioka Rodrigues	<i>Acidovorax avenae</i>	NC_015138.1	<i>Megasphaera elsdenii</i>	NZ_CP009240.1
9762466	Mariana Bassanezi Fernandes	<i>Sphingobacterium daejeonense</i>	NZ_LR590470.1	<i>Ferriphaselus amnicola</i>	NZ_AP018738.1
10320611	Markel Tsuji	<i>Alteromonas stellipolaris</i>	NZ_CP013926.1	<i>Lactobacillus jensenii</i>	NZ_CP018809.1
12565305	Matheus Almeida da Silva	<i>Stappia indica</i>	NZ_CP046908.1	<i>Hafnia alvei</i>	NZ_CP009706.1
12529176	Matheus Biazotto Negri	<i>Shewanella psychrophila</i>	NZ_CP014782.1	<i>Muricauda lutaonensis</i>	NZ_CP011071.1
12606582	Matheus Leoni Teixeira	<i>Anaerolinea thermophila</i>	NC_014960.1	<i>Desulfovibrio alaskensis</i>	NC_007519.1
11206581	Matheus Reis Oliva	<i>Corynebacterium variabile</i>	NC_015859.1	<i>Hirschia baltica</i>	NC_012982.1
12529332	Matheus Viveros Duarte Barros	<i>Erysipelothrix rhusiopathiae</i>	NC_015601.1	<i>Listeria weihenstephanensis</i>	NZ_CP011102.1
11226336	Matheus de Almeida Bueno Baptista	<i>Rickettsia rhipicephali</i>	NC_017042.1	<i>Lactobacillus kefir</i>	NZ_CP029971.1
12606492	Mauricio Seco Correa	<i>Pseudoalteromonas aliena</i>	NZ_CP019628.1	<i>Paracoccus denitrificans</i>	NC_008686.1
11873648	Melina Granziera Vellozo	<i>Frankia casuarinae</i>	NC_007777.1	<i>Beutenbergia cavernae</i>	NC_012669.1
12529433	Michel Oesterwind Bitar	<i>Clostridiales bacterium</i>	NZ_LR698981.1	<i>Nocardiosis dassonvillei</i>	NC_014210.1

12529120	Nicholas de Almeida Rottmann	<i>Thermogutta terrifontis</i>	NZ_CP018477.1	<i>Myroides phaeus</i>	NZ_CP047050.1
12704101	Pedro Eddy Felix de Oliveira Braga	<i>Acetobacter persici</i>	NZ_CP014687.1	<i>Pseudomonas alkylphenolica</i>	NZ_CP009048.1
12529325	Pedro Henrique Assahy Kanda	<i>Klebsiella oxytoca</i>	NZ_CP011636.1	<i>Paenibacillus odorifer</i>	NZ_CP009428.1
12692051	Pedro Henrique Silva Mendes	<i>Janthinobacterium agaricidamnorum</i>	NZ_HG322949.1	<i>Clostridioides difficile</i>	NZ_LN614756.1
12606620	Pedro Luiz Ribeiro Damato	<i>Flavisolibacter ginsenosidimutans</i>	NZ_CP042433.1	<i>Serratia liquefaciens</i>	NC_021741.1
12529304	Pedro Nunes da Silva Matuck Borba	<i>Bacteroides fragilis</i>	NC_003228.3	<i>Corynebacterium camporealensis</i>	NZ_CP011311.1
12529263	Pietro Volpon Cesari	<i>Vulgatibacter incomptus</i>	NZ_CP012332.1	<i>Spiroplasma mirum</i>	NZ_CP006720.1
3520889	Rafael Lauri Labigalini	<i>Spiroplasma helicoides</i>	NZ_CP017015.1	<i>Rhodobacteraceae bacterium</i>	NZ_CP021114.1
12695590	Rafael Marques da Silva	<i>Corynebacterium urealyticum</i>	NC_010545.1	<i>Enterobacter kobei</i>	NZ_CP017181.1
12529475	Ricardo Fernando March	<i>Brucella suis</i>	NC_004310.3	<i>Chryseobacterium arthrosphaerae</i>	NZ_CP033811.1
10831952	Richard do Prado Silva	<i>Chitinolyticbacter meiyuanensis</i>	NZ_CP041335.1	<i>Terribacillus goriensis</i>	NZ_CP008876.1
12691290	Sarah de Oliveira Goncalves	<i>Aliivibrio fischeri</i>	NC_006840.2	<i>Bradyrhizobium betae</i>	NZ_CP044543.1
12696396	Suarrily Jose de Franca Santos	<i>Bathymodiolus thermophilus</i>	NZ_CP024634.1	<i>Lutibacter profundi</i>	NZ_CP013355.1
11847461	Thales de Melo Teixeira	<i>Vibrio anguillarum</i>	NC_015633.1	<i>Eikenella exigua</i>	NZ_CP038018.1
12529141	Theo Warwar Pereira	<i>Sanguibacter keddieii</i>	NC_013521.1	<i>Leminorella richardii</i>	NZ_LS483470.1
12529454	Thor Possas Moura Pecanha	<i>Rubrobacter radiotolerans</i>	NZ_CP007514.1	<i>Saliniradius amylolyticus</i>	NZ_CP029347.1
12529155	Tiago de Luca Alessandri	<i>Rickettsia canadensis</i>	NC_009879.1	<i>Massilia armeniaca</i>	NZ_CP028324.1
11838673	Victor Cardoso Mendes	<i>Clostridium saccharobutylicum</i>	NC_022571.1	<i>Listeria monocytogenes</i>	NZ_LT906436.1
12529311	Victor Guerra Cruz	<i>Microbacterium endophyticum</i>	NZ_CP049255.1	<i>Desulfurispirillum indicum</i>	NC_014836.1
12682776	Victoria Emiliano Castan	<i>Neisseria chenwenguii</i>	NZ_CP022278.1	uncultured Termite	NC_020419.1
12529502	Victoria Regina Camara Amorim	<i>Thermotoga neapolitana</i>	NC_011978.1	<i>Stenotrophomonas acidaminiphila</i>	NZ_CP012900.1
12684055	Victoria Souza Pereira	<i>Parashewanella spongiae</i>	NZ_CP037952.1	<i>Sulfurospirillum deleyianum</i>	NC_013512.1
8585731	Vinicius Chaim	<i>Vibrio splendidus</i>	NZ_CP031055.1	<i>Burkholderia multivorans</i>	NZ_CP009832.1
12733657	Vitor Eduardo de Siqueira Correia	<i>Pseudonocardia autotrophica</i>	NZ_AP018920.1	<i>Sulfuriferula plumbiphila</i>	NZ_AP021884.1
12529089	Vitor Lamm Lobato	<i>Paenibacillus naphthalenovorans</i>	NZ_CP013652.1	<i>Sphingopyxis fribergensis</i>	NZ_CP009122.1
6800390	Walquiria Godoy	<i>Parvibaculum lavamentivorans</i>	NC_009719.1	<i>Deinococcus maricopensis</i>	NC_014958.1
12529388	Wander Satil de Souza	<i>Dactylococcopsis salina</i>	NC_019780.1	<i>Dialister pneumosintes</i>	NZ_CP017037.1
12694762	Yasmin Gomes de Souza	<i>Pseudomonas denitrificans</i>	NZ_CP043626.1	<i>Roseibacterium elongatum</i>	NZ_CP004372.1
12606533	Yhan Victor Barroso Cubatelli	<i>Erythrobacter seohaensis</i>	NZ_CP024920.1	<i>Dermacoccus nishinomiyaensis</i>	NZ_CP008889.1