

Table S3: Results on pairwise comparisons of DDH, ANIm and TETRA used to construct the figure 2.

Query Genome	Subject Genome	DDH (%)	ANIm (%)	Tetra	ANib (%)
Bacillus cereus ATCC 10987	Bacillus cereus ATCC 14579T	66,4	92,14	0,99892	90,93
Bacillus cereus ATCC 14579T	Bacillus cereus ATCC 10987	61,2	92,08	0,99892	90,87
Bacteroides fragilis NCTC 9343	Bacteroides fragilis YCH46	99,0	99,17	0,99947	98,65
Bacteroides fragilis NCTC 9343	Bacteroides thetaiotaomicron VPI-5482	21,0	84,31	0,96524	73,96
Bacteroides fragilis YCH46	Bacteroides fragilis NCTC 9343	99,0	99,17	0,99947	98,62
Bacteroides thetaiotaomicron VPI-5482	Bacteroides fragilis NCTC 9343	28,0	84,29	0,96524	74,29
Brucella canis ATCC 23365	Brucella melitensis ATCC 23457 biovar 2	99,0	99,64	0,99994	99,66
Brucella canis ATCC 23365	Brucella ovis ATCC 25840	94,0	99,57	0,9995	99,61
Brucella canis ATCC 23365	Brucella suis 1330	100,0	99,87	0,99998	99,9
Brucella melitensis ATCC 23457 biovar 2	Brucella canis ATCC 23365	97,0	99,64	0,99994	99,68
Brucella melitensis ATCC 23457 biovar 2	Brucella ovis ATCC 25840	99,0	99,54	0,99961	99,58
Brucella melitensis ATCC 23457 biovar 2	Brucella suis 1330	92,0	99,66	0,99995	99,7
Brucella ovis ATCC 25840	Brucella canis ATCC 23365	100,0	99,57	0,9995	99,54
Brucella ovis ATCC 25840	Brucella melitensis ATCC 23457 biovar 2	92,0	99,54	0,99961	99,51
Brucella ovis ATCC 25840	Brucella suis 1330	100,0	99,6	0,99952	99,57
Brucella suis 1330	Brucella canis ATCC 23365	100,0	99,87	0,99998	99,91
Brucella suis 1330	Brucella melitensis ATCC 23457 biovar 2	100,0	99,66	0,99995	99,7
Brucella suis 1330	Brucella ovis ATCC 25840	93,0	99,6	0,99952	99,63
Brucella suis ATCC 23445 biovar 2	Brucella melitensis ATCC 23457 biovar 2	96,0	99,6	0,99992	99,65
Burkholderia cenocepacia AU1054	Burkholderia vietnamiensis G4	36,5	90,28	0,98443	87,35
Burkholderia cenocepacia AU1054	Burkholderia xenovorans LB400T	14,8	84,94	0,85077	76,8
Burkholderia cenocepacia HI2424	Burkholderia cenocepacia J2315T	66,1	95,08	0,99950	93,84
Burkholderia cenocepacia HI2424	Burkholderia sp. ATCC 17760	45,4	91,76	0,99465	89,89
Burkholderia cenocepacia HI2424	Burkholderia vietnamiensis G4	37,7	90,29	0,98533	87,16
Burkholderia cenocepacia HI2424	Burkholderia xenovorans LB400T	12,5	85,03	0,85224	76,5
Burkholderia cenocepacia J2315T	Burkholderia cenocepacia HI2424	68,8	95,08	0,99950	93,86
Burkholderia cenocepacia J2315T	Burkholderia sp. ATCC 17760	55,8	91,96	0,99430	90,28
Burkholderia cenocepacia J2315T	Burkholderia vietnamiensis G4	37,0	90,43	0,98463	87,4
Burkholderia cenocepacia J2315T	Burkholderia xenovorans LB400T	13,0	85,03	0,84793	76,6
Burkholderia sp. ATCC 17760	Burkholderia cenocepacia HI2424	57,4	91,78	0,99465	89,77
Burkholderia sp. ATCC 17760	Burkholderia cenocepacia J2315T	54,5	91,95	0,99430	89,88

Burkholderia sp. ATCC 17760	Burkholderia vietnamiensis G4	32,4	89,83	0,97493	86,31
Burkholderia sp. ATCC 17760	Burkholderia xenovorans LB400T	13,8	84,84	0,85275	76,1
Burkholderia vietnamiensis G4	Burkholderia cenocepacia AU1054	26,3	90,31	0,98443	87,56
Burkholderia vietnamiensis G4	Burkholderia cenocepacia HI2424	26,2	90,27	0,98533	87,52
Burkholderia vietnamiensis G4	Burkholderia cenocepacia J2315T	34,2	90,46	0,98463	87,54
Burkholderia vietnamiensis G4	Burkholderia sp. ATCC 17760	29,9	89,84	0,97493	86,94
Burkholderia vietnamiensis G4	Burkholderia xenovorans LB400T	9,0	84,87	0,85457	76,6
Burkholderia xenovorans LB400T	Burkholderia cenocepacia AU1054	11,8	84,81	0,85077	76,24
Burkholderia xenovorans LB400T	Burkholderia cenocepacia HI2424	12,7	84,80	0,85224	76,21
Burkholderia xenovorans LB400T	Burkholderia cenocepacia J2315T	13,7	84,80	0,84793	76,04
Burkholderia xenovorans LB400T	Burkholderia sp. ATCC 17760	12,6	84,73	0,85275	75,95
Burkholderia xenovorans LB400T	Burkholderia vietnamiensis G4	10,1	84,89	0,85457	76,15
Chloroflexus aggregans DSM 9485	Chloroflexus aurantiacus J-10-fl	10,0	82,9	0,81308	74,12
Chloroflexus aurantiacus J-10-fl	Chloroflexus aggregans DSM 9485	10,0	82,9	0,81308	74,11
Deinococcus deserti VCD115	Deinococcus radiodurans R1	17,0	84,13	0,76438	73,76
Deinococcus radiodurans R1	Deinococcus deserti VCD115	17,0	83,88	0,76438	74,04
Escherichia coli CFT073	Escherichia coli E2348/69	74,8	98,42	0,99938	97,62
Escherichia coli CFT073	Escherichia coli K-12 MG1655	89,0	97,16	0,99736	96,07
Escherichia coli CFT073	Escherichia coli O157 :H7 EDL933	78,2	96,67	0,99838	96,01
Escherichia coli CFT073	Escherichia coli O157 :H7 Sakai	85,5	96,72	0,99830	96
Escherichia coli CFT073	Escherichia coli O42	81,4	96,96	0,99913	95,9
Escherichia coli CFT073	Shigella flexneri 2a 2457T	66,9	97,10	0,99754	95,9
Escherichia coli CFT073	Shigella sonnei 53G	72,8	96,97	0,99616	95,93
Escherichia coli E2348/69	Escherichia coli CFT073	78,1	98,46	0,99938	97,85
Escherichia coli E2348/69	Escherichia coli K-12 MG1655	75,7	97,21	0,99794	96,39
Escherichia coli E2348/69	Escherichia coli O157 :H7 EDL933	74,2	96,83	0,99841	96,18
Escherichia coli E2348/69	Escherichia coli O157 :H7 Sakai	81,8	96,86	0,99838	96,23
Escherichia coli E2348/69	Escherichia coli O42	78,7	97,10	0,99928	96,14
Escherichia coli E2348/69	Shigella flexneri 2a 2457T	65,0	97,00	0,99721	96,09
Escherichia coli E2348/69	Shigella sonnei 53G	64,3	97,05	0,99558	96,01
Escherichia coli K-12 MG1655	Escherichia coli CFT073	95,7	97,15	0,99736	96,38
Escherichia coli K-12 MG1655	Escherichia coli E2348/69	75,5	97,22	0,99794	96,48
Escherichia coli K-12 MG1655	Escherichia coli O157 :H7 EDL933	78,8	98,01	0,99590	97,5

Escherichia coli K-12 MG1655	Escherichia coli O157 :H7 Sakai	84,8	98,06	0,99600	97,53
Escherichia coli K-12 MG1655	Escherichia coli O42	75,5	97,59	0,99808	96,83
Escherichia coli K-12 MG1655	Shigella flexneri 2a 2457T	63,4	98,32	0,99584	97,61
Escherichia coli K-12 MG1655	Shigella sonnei 53G	70,0	98,54	0,99294	97,8
Escherichia coli O157 :H7 EDL933	Escherichia coli CFT073	83,0	96,88	0,99838	96,04
Escherichia coli O157 :H7 EDL933	Escherichia coli E2348/69	78,2	96,87	0,99841	95,9
Escherichia coli O157 :H7 EDL933	Escherichia coli K-12 MG1655	79,7	98,04	0,99590	97,28
Escherichia coli O157 :H7 EDL933	Escherichia coli O157 :H7 Sakai	104,1	99,36	0,99997	99,68
Escherichia coli O157 :H7 EDL933	Escherichia coli O42	73,3	97,09	0,99888	95,91
Escherichia coli O157 :H7 EDL933	Shigella flexneri 2a 2457T	65,6	97,74	0,99581	96,66
Escherichia coli O157 :H7 EDL933	Shigella sonnei 53G	75,1	97,65	0,99646	96,77
Escherichia coli O157 :H7 Sakai	Escherichia coli CFT073	83,8	96,85	0,99830	95,85
Escherichia coli O157 :H7 Sakai	Escherichia coli E2348/69	77,1	96,90	0,99838	95,76
Escherichia coli O157 :H7 Sakai	Escherichia coli K-12 MG1655	75,9	98,05	0,99600	97,25
Escherichia coli O157 :H7 Sakai	Escherichia coli O157 :H7 EDL933	97,7	99,43	0,99997	99,63
Escherichia coli O157 :H7 Sakai	Escherichia coli O42	78,2	97,03	0,99888	95,84
Escherichia coli O157 :H7 Sakai	Shigella flexneri 2a 2457T	61,3	97,78	0,99584	96,54
Escherichia coli O157 :H7 Sakai	Shigella sonnei 53G	71,2	97,48	0,99647	96,57
Escherichia coli O42	Escherichia coli CFT073	84,5	96,94	0,99913	96,04
Escherichia coli O42	Escherichia coli E2348/69	71,4	97,06	0,99928	96,1
Escherichia coli O42	Escherichia coli K-12 MG1655	71,7	97,59	0,99808	96,75
Escherichia coli O42	Escherichia coli O157 :H7 EDL933	76,7	96,88	0,99888	96,26
Escherichia coli O42	Escherichia coli O157 :H7 Sakai	77,1	96,92	0,99888	96,27
Escherichia coli O42	Shigella flexneri 2a 2457T	64,4	97,42	0,99705	96,39
Escherichia coli O42	Shigella sonnei 53G	66,7	97,53	0,99639	96,1
Methanococcus maripaludis C5	Methanococcus maripaludis C6	69,0	91,7	0,9957	90,89
Methanococcus maripaludis C5	Methanococcus maripaludis C7	69,0	90,58	0,99655	89,75
Methanococcus maripaludis C5	Methanococcus vanniellii SB	17,0	83,19	0,96206	76,74
Methanococcus maripaludis C6	Methanococcus maripaludis C5	69,0	91,7	0,9957	90,9
Methanococcus maripaludis C6	Methanococcus maripaludis C7	81,0	90,83	0,99842	90,42
Methanococcus maripaludis C6	Methanococcus vanniellii SB	27,0	83,29	0,96209	76,84
Methanococcus maripaludis C7	Methanococcus maripaludis C5	69,0	90,58	0,99655	89,69
Methanococcus maripaludis C7	Methanococcus maripaludis C6	81,0	90,84	0,99842	90,44

Methanococcus maripaludis C7	Methanococcus vannielii SB	32,0	83,69	0,96475	76,84
Methanococcus vannielii SB	Methanococcus maripaludis C5	17,0	83,18	0,96206	76,76
Methanococcus vannielii SB	Methanococcus maripaludis C6	27,0	83,26	0,96209	76,75
Methanococcus vannielii SB	Methanococcus maripaludis C7	32,0	83,68	0,96475	76,7
Nitrosomonas europaea ATCC 19718	Nitrosomas eutropha C91	43,0	83,20	0,92544	78,88
Nitrosomas eutropha C91	Nitrosomonas europaea ATCC 19718	43,0	83,20	0,92544	79,1
Pseudomonas aeruginosa PAO1	Pseudomonas fluorescens Pf-5	14,4	84,00	0,94314	75,75
Pseudomonas aeruginosa PAO1	Pseudomonas fluorescens PfO-1	13,9	83,85	0,91102	74,86
Pseudomonas aeruginosa PAO1	Pseudomonas fluorescens SBW25	14,7	83,78	0,91634	74,47
Pseudomonas aeruginosa PAO1	Pseudomonas syringae pv. Syringae B728a	8,5	83,69	0,82041	73,92
Pseudomonas aeruginosa PAO1	Pseudomonas syringae pv. Tomato DC3000	6,3	83,55	0,80624	73,57
Pseudomonas fluorescens Pf-5	Pseudomonas aeruginosa PAO1	13,6	83,83	0,94314	75,5
Pseudomonas fluorescens Pf-5	Pseudomonas fluorescens PfO-1	25,8	85,76	0,92419	80,63
Pseudomonas fluorescens Pf-5	Pseudomonas fluorescens SBW25	29,6	85,54	0,94423	80,02
Pseudomonas fluorescens Pf-5	Pseudomonas syringae pv. Syringae B728a	14,1	84,67	0,89445	76,89
Pseudomonas fluorescens Pf-5	Pseudomonas syringae pv. Tomato DC3000	11,2	84,44	0,88077	76,63
Pseudomonas fluorescens PfO-1	Pseudomonas aeruginosa PAO1	13,0	83,53	0,91102	74,73
Pseudomonas fluorescens PfO-1	Pseudomonas fluorescens Pf-5	29,4	85,80	0,91102	80,64
Pseudomonas fluorescens PfO-1	Pseudomonas fluorescens SBW25	32,4	85,92	0,94040	80,18
Pseudomonas fluorescens PfO-1	Pseudomonas syringae pv. Syringae B728a	19,1	84,79	0,93312	77,01
Pseudomonas fluorescens PfO-1	Pseudomonas syringae pv. Tomato DC3000	15,3	84,46	0,92287	76,95
Pseudomonas fluorescens SBW25	Pseudomonas aeruginosa PAO1	10,5	83,46	0,91634	74,27
Pseudomonas fluorescens SBW25	Pseudomonas fluorescens Pf-5	24,9	85,78	0,94423	79,97
Pseudomonas fluorescens SBW25	Pseudomonas fluorescens PfO-1	26,3	83,46	0,91634	80,14
Pseudomonas fluorescens SBW25	Pseudomonas syringae pv. Syringae B728a	14,8	84,80	0,90054	76,59
Pseudomonas fluorescens SBW25	Pseudomonas syringae pv. Tomato DC3000	11,7	84,55	0,89930	76,33
Pseudomonas syringae pv. Syringae B728a	Pseudomonas aeruginosa PAO1	7,6	83,26	0,82041	73,64
Pseudomonas syringae pv. Syringae B728a	Pseudomonas fluorescens Pf-5	12,7	85,05	0,89445	76,62
Pseudomonas syringae pv. Syringae B728a	Pseudomonas fluorescens PfO-1	16,7	84,64	0,93312	76,66
Pseudomonas syringae pv. Syringae B728a	Pseudomonas fluorescens SBW25	18,0	84,78	0,90054	76,47
Pseudomonas syringae pv. Syringae B728a	Pseudomonas syringae pv. Tomato DC3000	37,8	87,98	0,99094	85,46
Pseudomonas syringae pv. Tomato DC3000	Pseudomonas aeruginosa PAO1	6,1	83,60	0,80624	73,61
Pseudomonas syringae pv. Tomato DC3000	Pseudomonas fluorescens Pf-5	10,5	84,74	0,88077	76,84

<i>Pseudomonas syringae</i> pv. Tomato DC3000	<i>Pseudomonas fluorescens</i> PfO-1	13,0	84,82	0,92287	76,91
<i>Pseudomonas syringae</i> pv. Tomato DC3000	<i>Pseudomonas fluorescens</i> SBW25	15,7	84,68	0,89930	76,65
<i>Pseudomonas syringae</i> pv. Tomato DC3000	<i>Pseudomonas syringae</i> pv. <i>Syringae</i> B728a	38,5	88,09	0,99094	85,73
<i>Pyrobaculum aerophilum</i> str. IM2	<i>Pyrobaculum calidifontis</i> JCM 11548	18,0	86,94	0,90901	69,45
<i>Pyrobaculum aerophilum</i> str. IM2	<i>Pyrobaculum islandicum</i> DSM 4184	3,0	93,79	0,92728	69,54
<i>Pyrobaculum calidifontis</i> JCM 11548	<i>Pyrobaculum aerophilum</i> str. IM2	18,0	86,95	0,90901	69,56
<i>Pyrobaculum calidifontis</i> JCM 11548	<i>Pyrobaculum islandicum</i> DSM 4184	1,0	86,99	0,94154	68,58
<i>Pyrobaculum islandicum</i> DSM 4184	<i>Pyrobaculum aerophilum</i> str. IM2	3,0	93,79	0,92728	69,48
<i>Pyrobaculum islandicum</i> DSM 4184	<i>Pyrobaculum calidifontis</i> JCM 11548	1,0	87,0	0,94154	68,54
<i>Ralstonia eutropha</i> H16	<i>Ralstonia metallidurans</i> CH34	28,0	85,73	0,94589	78,89
<i>Ralstonia metallidurans</i> CH34	<i>Ralstonia eutropha</i> H16	28,0	85,74	0,94589	78,8
<i>Salinibacter ruber</i> M31	<i>Salinibacter ruber</i> M8	96,6	98,61	0,99961	98,54
<i>Shewanella amazonensis</i> SB2B	<i>Shewanella oneidensis</i> MR-1	40,3	83,04	0,69611	70,91
<i>Shewanella amazonensis</i> SB2B	<i>Shewanella putrefaciens</i> CN-32	42,7	82,26	0,64865	70,49
<i>Shewanella amazonensis</i> SB2B	<i>Shewanella woodyi</i> ATCC 51908	40,0	83,11	0,64645	69,16
<i>Shewanella baltica</i> OS155	<i>Shewanella baltica</i> OS185	99,0	96,86	0,99877	96,61
<i>Shewanella baltica</i> OS155	<i>Shewanella baltica</i> OS195	99,0	96,78	0,99876	96,46
<i>Shewanella baltica</i> OS155	<i>Shewanella baltica</i> OS223	99,0	97,07	0,99856	96,91
<i>Shewanella baltica</i> OS155	<i>Shewanella putrefaciens</i> CN-32	11,0	86,67	0,9682	82,6
<i>Shewanella baltica</i> OS155	<i>Shewanella oneidensis</i> MR-1T	25,7	85,84	0,97170	78,32
<i>Shewanella baltica</i> OS155	<i>Shewanella putrefaciens</i> CN-32	26,1	86,87	0,96815	81,88
<i>Shewanella baltica</i> OS185	<i>Shewanella baltica</i> OS155	99,0	96,89	0,99877	96,71
<i>Shewanella baltica</i> OS195	<i>Shewanella baltica</i> OS155	99,0	96,81	0,99876	96,69
<i>Shewanella baltica</i> OS223	<i>Shewanella baltica</i> OS155	99,0	97,1	0,99856	96,8
<i>Shewanella halifaxensis</i> HAW-EB4	<i>Shewanella pealeana</i> ATCC 700345	17,9	85,89	0,99389	82,26
<i>Shewanella oneidensis</i> MR-1	<i>Shewanella amazonensis</i> SB2B	40,3	83,07	0,69611	70,75
<i>Shewanella oneidensis</i> MR-1	<i>Shewanella pealeana</i> ATCC 700345	20,4	83,21	0,9034	71,41
<i>Shewanella oneidensis</i> MR-1	<i>Shewanella putrefaciens</i> CN-32	35,7	85,01	0,97839	79,27
<i>Shewanella oneidensis</i> MR-1	<i>Shewanella woodyi</i> ATCC 51908	39,0	83,08	0,79654	71,14
<i>Shewanella oneidensis</i> MR-1T	<i>Shewanella baltica</i> OS155	26,2	85,51	0,97170	78,52
<i>Shewanella oneidensis</i> MR-1T	<i>Shewanella putrefaciens</i> CN-32	21,1	85,61	0,97843	78,63
<i>Shewanella pealeana</i> ATCC 700345	<i>Shewanella halifaxensis</i> HAW-EB4	17,9	85,9	0,99389	82,18
<i>Shewanella pealeana</i> ATCC 700345	<i>Shewanella oneidensis</i> MR-1	20,4	83,24	0,9034	71,41

Shewanella putrefaciens CN-32	Shewanella amazonensis SB2B	42,7	82.23	0.64865	70.46
Shewanella putrefaciens CN-32	Shewanella baltica OS155	11,0	86.68	0.9682	82.75
Shewanella putrefaciens CN-32	Shewanella oneidensis MR-1	35,7	85.01	0.97839	79.27
Shewanella putrefaciens CN-32	Shewanella baltica OS155	27,8	87,24	0,96815	81,9
Shewanella putrefaciens CN-32	Shewanella oneidensis MR-1T	22,1	85,66	0,97843	78,46
Shewanella sediminis HAW-EB3	Shewanella woodyi ATCC 51908	17,8	84.43	0.89651	75.25
Shewanella woodyi ATCC 51908	Shewanella amazonensis SB2B	40,0	83.17	0.64645	69.14
Shewanella woodyi ATCC 51908	Shewanella oneidensis MR-1	39,0	83.1	0.79654	70.96
Shewanella woodyi ATCC 51908	Shewanella sediminis HAW-EB3	17,8	84.42	0.89651	75.28
Shigella flexneri 2a 2457T	Escherichia coli CFT073	78,1	97,03	0,99754	96,4
Shigella flexneri 2a 2457T	Escherichia coli E2348/69	67,5	97,04	0,99721	96,31
Shigella flexneri 2a 2457T	Escherichia coli K-12 MG1655	72,8	98,32	0,99584	97,75
Shigella flexneri 2a 2457T	Escherichia coli O157 :H7 EDL933	70,0	97,63	0,99581	97,3
Shigella flexneri 2a 2457T	Escherichia coli O157 :H7 Sakai	70,5	97,67	0,99584	97,36
Shigella flexneri 2a 2457T	Escherichia coli O42	69,2	97,35	0,99705	96,7
Shigella flexneri 2a 2457T	Shigella sonnei 53G	78,4	98,63	0,99718	97,89
Shigella sonnei 53G	Escherichia coli CFT073	83,3	97,12	0,99616	96,2
Shigella sonnei 53G	Escherichia coli E2348/69	77,6	97,11	0,99558	96,2
Shigella sonnei 53G	Escherichia coli K-12 MG1655	79,2	98,43	0,99294	97,8
Shigella sonnei 53G	Escherichia coli O157 :H7 EDL933	73,6	97,58	0,99646	97,15
Shigella sonnei 53G	Escherichia coli O157 :H7 Sakai	76,8	97,59	0,99647	97,09
Shigella sonnei 53G	Escherichia coli O42	76,1	97,46	0,99639	96,55
Shigella sonnei 53G	Shigella flexneri 2a 2457T	81,0	98,50	0,99718	97,68
Streptococcus agalactiae 2603 V/R	Streptococcus agalactiae A909	95,5	99,42	0,99897	98,78
Streptococcus agalactiae 2603 V/R	Streptococcus agalactiae NEM 316	89,6	99,38	0,99803	98,36
Streptococcus agalactiae A909	Streptococcus agalactiae 2603 V/R	91,4	99,43	0,99897	98,74
Streptococcus agalactiae A909	Streptococcus agalactiae NEM 316	92,8	99,33	0,99835	98,61
Streptococcus agalactiae NEM 316	Streptococcus agalactiae 2603 V/R	83,1	99,40	0,99803	98,34
Streptococcus agalactiae NEM 316	Streptococcus agalactiae A909	88,5	99,30	0,99835	98,61
Sulfolobus acidocaldarius DSM 639	Sulfolobus solfataricus P2	2,8	89.24	0.75161	66.33
Sulfolobus solfataricus P2	Sulfolobus acidocaldarius DSM 639	6,3	89.22	0.75161	66.46
Thermotoga maritima MSB8	Thermotoga neapolitana DSM 4359	30,8	87.2	0.9608	80.01
Thermotoga maritima MSB8	Thermotoga petrophila RKU-1	16,9	95.27	0.99829	94.79

Thermotoga neapolitana DSM 4359	Thermotoga maritima MSB8	30,8	87.2	0.9608	80.01
Thermotoga neapolitana DSM 4359	Thermotoga petrophila RKU-1	11,0	85.73	0.96351	78.96
Thermotoga petrophila RKU-1	Thermotoga maritima MSB8	16,9	95.27	0.99829	94.66
Thermotoga petrophila RKU-1	Thermotoga neapolitana DSM 4359	11,0	85.73	0.96351	79.05