

## Supplemental Material

Supplementary Table S1. Oligonucleotides used in this study.

NO.	SEQUENCE (5' TO 3')	DESCRIPTION
379	AGGCAAGTATTCCTGTGCGC	<i>gyrA</i> Fwd
380	CTGGTACTCACCCAGCAGTTTT	<i>gyrA</i> Rev
381	CCGCAAGGTGATTATCTCAGC	<i>gap-1</i> Fwd
382	TGGAGATGATCTGGTGCGACT	<i>gap-1</i> Rev
2432	GCGTTAACGCTAGCATGGATGT	pEnterD Fwd
2433	CCAGGAAACAGCTATGACCATGTAA	pEnterD Rev
6872	TCTCTCCTGTTCCAGCCA	<i>fleQas</i> Fwd
6873	CTGACGTTCCCGACCAG	<i>fleQas</i> Rev
6874	CTCTCCGCGCTCGAAAT	<i>fleQ</i> Fwd
6875	GGCCTGATCGTACATTTAC	<i>fleQ</i> Rev
6900	GCGGGTACGAACCAAGTGT	<i>gyrA</i> RT
6902	AGCGGGTTGTGATTGAAGT	<i>gap-1</i> RT
6904	GCGCCTGCTGAATCAGA	<i>fleQ</i> RT
6906	AAATCTCTCCTGTTCCAGCC	<i>fleQas</i> RT
6910	CTGTTCCAGCCAGGACTGGCAGCAGGT	5' RACE GSP2 <i>fleQas</i>
6911	GGCTCTTTGGCGTCCACGCGAGAGGT	5' RACE GSP nested <i>fleQas</i>
6912	GTTCCCGACCAGCACGCA	3'RACE GSP2 <i>fleQas</i>
6913	GCACAGAACCTCTCGCGTGGA	3'RACE GSP nested <i>fleQas</i>
6914	CATGCGGCCGCTAAGAACAGT	3' RACE Gene Specific Adapter <i>fleQas</i>
6915	5 <sup>phos</sup> UUCACUGUUCUUAGCGGCCGCAUGC UC 3' rvdT	3' RACE RNA Adapter <i>fleQas</i>
6916	CACCCGCGGGCCTGATCGTACA	Cloning <i>fleQas</i> Promoter
6917	GTGCTGGTCGGGAACGTCA	<i>fleQas</i> Promoter cloning
6922	ATTATCTAGAGCGAAGTTCGGTGTGTTGCTGT	<i>fleQas</i> promoter mutagenesis Fwd PCR1 Flank A
6923	ATCCCATGCCGCGATGGTTTTAAGAAGCCC TTGCAGGCT	<i>fleQas</i> promoter mutagenesis Rev PCR1 Flank A PCR1
6924	ATCCCATGCCGCGATGGTTTTAAGAAGCCC TTGCAGGCT	<i>fleQas</i> promoter Fwd PCR1 Flank B
6925	ATTATCTAGAGGCCTGGACCGTATCGCTCA	<i>fleQas</i> promoter mutagenesis Rev PCR1 Flank B

**Table S2.** List of 54 large and small ribosome subunit proteins of Pst DC3000 used for core genome analysis and their frequency of occurrence in the 339 *Pseudomonas* genomes used in this study (listed in Table S3). The loci used in phylogenetic reconstruction (Figure 5, main text) are labelled with a 'Y'.

<b>Locus</b>	<b>Sequence length</b>	<b>Isolate frequency</b>	<b>Isolate percentage (%)</b>	
PSPTO0089 rpmB	234	339	99.7	-
PSPTO0090 rpmG	156	338	99.4	-
PSPTO0615 rplK	432	339	99.7	-
PSPTO0616 rplA	696	339	99.7	-
PSPTO0617 rplJ	501	339	99.7	-
PSPTO0618 rplL	366	339	99.7	-
PSPTO0625 rpsJ	312	340	100	Y
PSPTO0626 rplC	636	340	100	Y
PSPTO0627 rplD	603	340	100	Y
PSPTO0628 rplW	300	340	100	Y
PSPTO0629 rplB	825	340	100	Y
PSPTO0630 rpsS	276	340	100	Y
PSPTO0631 rplV	333	340	100	Y
PSPTO0632 rpsC	687	340	100	Y
PSPTO0633 rplP	414	340	100	Y
PSPTO0634 rpmC	192	339	99.7	-
PSPTO0635 rpsQ	267	340	100	Y
PSPTO0636 rplN	369	340	100	Y
PSPTO0637 rplX	315	339	99.7	-
PSPTO0638 rplE	540	340	100	Y
PSPTO0639 rpsN	306	336	98.8	-
PSPTO0640 rpsH	393	340	100	Y
PSPTO0641 rplF	534	340	100	Y
PSPTO0642 rplR	351	340	100	Y
PSPTO0643 rpsE	501	340	100	Y
PSPTO0644 rpmD	177	212	62.4	-
PSPTO0645 rplO	435	336	98.8	-
PSPTO0647 rpmJ	117	338	99.4	-
PSPTO0648 rpsM	357	340	100	Y
PSPTO0649 rpsK	390	340	100	Y
PSPTO0650 rpsD	621	340	100	Y
PSPTO0652 rplQ	387	340	100	Y

PSPTO0797 rplU	312	340	100	Y
PSPTO0798 rpmA	276	338	99.4	-
PSPTO1103 rplY	612	335	98.5	-
PSPTO1476 rplS	351	337	99.1	-
PSPTO2380 rpmI	195	337	99.1	-
PSPTO2381 rplT	357	340	100	Y
PSPTO3835 rpmF	183	340	100	Y
PSPTO4425 rpsI	393	340	100	Y
PSPTO4426 rplM	429	340	100	Y
PSPTO4930 rplI	447	339	99.7	-
PSPTO5136 rpmE	228	301	88.5	-
PSPTO5615 rpmH	135	334	98.2	-
PSPTO0539 rpsU	216	340	100	Y
PSPTO0621 rpsL	372	338	99.4	-
PSPTO0622 rpsG	471	339	99.7	-
PSPTO0802 rpsT	279	337	99.1	-
PSPTO1473 rpsP	258	301	88.5	-
PSPTO1534 rpsB	744	340	100	Y
PSPTO1750 rpsA	1692	340	100	Y
PSPTO4487 rpsO	270	340	100	Y
PSPTO4932 rpsR	231	340	100	Y
PSPTO4933 rpsF	426	340	100	Y

**Table S3.** List of strains used for phylogenomics

Strain	NCBI assembly ID
<b>Pseudomonas fluorescens F113</b>	GCA_000237065.1
<b>Pseudomonas aeruginosa PAO1</b>	GCA_000006765.1
<b>Pseudomonas syringae pv. syringae B728a</b>	GCA_000012245.1
<b>Pseudomonas entomophila L48</b>	GCA_000026105.1
<b>Pseudomonas stutzeri 28a24</b>	GCA_000590475.1
<b>Pseudomonas mendocina ymp</b>	GCA_000016565.1
<b>Pseudomonas amygdali pv. lachrymans NM02</b>	GCA_002068135.1
<b>Pseudomonas fulva 12-X</b>	GCA_000213805.1

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<b>Pseudomonas brassicacearum subsp. brassicacearum NFM421</b>	GCA_000194805.1
<b>Pseudomonas pseudoalcaligenes CECT 5344</b>	GCA_000297075.2
<b>Pseudomonas viridiflava CFBP 1590</b>	GCA_900184295.1
<b>Pseudomonas monteilii USDA-ARS-USMARC-56711</b>	GCA_001534745.1
<b>Pseudomonas fragi P121</b>	GCA_001543265.1
<b>Pseudomonas chlororaphis PA23</b>	GCA_000698865.1
<b>Pseudomonas knackmussii B13</b>	GCA_000689415.1
<b>Pseudomonas sp. UW4</b>	GCA_000316175.1
<b>Pseudomonas alcaliphila JAB1</b>	GCA_001941865.1
<b>Pseudomonas alcaligenes NEB 585</b>	GCA_001597285.1
<b>Pseudomonas azotoformans S4</b>	GCA_001579805.1
<b>Pseudomonas cremoricolorata ND07</b>	GCA_000759535.1
<b>Pseudomonas oryzihabitans USDA-ARS-USMARC-56511</b>	GCA_001518815.1
<b>Pseudomonas parafulva CRS01-1</b>	GCA_000800255.1
<b>Pseudomonas plecoglossicida NyZ12</b>	GCA_000831585.1
<b>Pseudomonas protegens CHA0</b>	GCA_000397205.1
<b>Pseudomonas poae RE*1-1-14</b>	GCA_000336465.1
<b>Pseudomonas veronii R02</b>	GCA_002028325.1
<b>Pseudomonas mosselii SJ10</b>	GCA_000498975.2
<b>Pseudomonas cichorii JBC1</b>	GCA_000517305.1
<b>Pseudomonas corrugata RM1-1-4</b>	GCA_001708425.1
<b>Pseudomonas protegens Pf-5</b>	GCA_000012265.1
<b>Pseudomonas alkylphenolica KL28</b>	GCA_000746525.1
<b>Pseudomonas rhizosphaerae DSM 16299</b>	GCA_000761155.1
<b>Pseudomonas balearica DSM 6083</b>	GCA_000818015.1
<b>Pseudomonas trivialis IHBB745</b>	GCA_001186335.1
<b>Pseudomonas koreensis D26</b>	GCA_001605965.1
<b>Pseudomonas versuta L10.10</b>	GCA_001294575.1
<b>Pseudomonas koreensis CRS05-R5</b>	GCA_001654515.1
<b>Pseudomonas protegens Cab57</b>	GCA_000828695.1
<b>Pseudomonas parafulva PRS09-11288</b>	GCA_002021815.1
<b>Pseudomonas citronellolis P3B5</b>	GCA_001586155.1
<b>Pseudomonas azotoformans F77</b>	GCA_002007785.1
<b>Pseudomonas sp. ATCC 13867</b>	GCA_000349845.1
<b>Pseudomonas chlororaphis subsp. Aurantiaca JD37</b>	GCA_000761195.1
<b>Pseudomonas monteilii SB3078</b>	GCA_000510285.1
<b>Pseudomonas pseudoalcaligenes CECT5344</b>	GCA_000953455.1
<b>Pseudomonas brassicacearum DF41</b>	GCA_000585995.1
<b>Pseudomonas savastanoi pv. savastanoi NCPPB 3335</b>	GCA_000164015.3

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<b>Pseudomonas mendocina NK-01</b>	GCA_000204295.1
<b>Pseudomonas stutzeri CGMCC 1.1803</b>	GCA_000219605.1
<b>Pseudomonas aeruginosa UCBPP-PA14</b>	GCA_000014625.1
<b>Pseudomonas putida KT2440</b>	GCA_000007565.2
<b>Pseudomonas fluorescens SBW25</b>	GCA_000009225.1
<b>Pseudomonas fluorescens Pf0-1</b>	GCA_000012445.1
<b>Pseudomonas putida F1</b>	GCA_000016865.1
<b>Pseudomonas aeruginosa PA7</b>	GCA_000017205.1
<b>Pseudomonas stutzeri A1501</b>	GCA_000013785.1
<b>Pseudomonas brassicacearum</b>	GCA_001449085.1
<b>Pseudomonas monteilii SB3101</b>	GCA_000510325.1
<b>Pseudomonas protegens H78</b>	GCA_002006545.1
<b>Pseudomonas protegens FDAARGOS_307</b>	GCA_002208745.1
<b>Pseudomonas sp. TKP</b>	GCA_000508205.1
<b>Pseudomonas chlororaphis UFB2</b>	GCA_001023535.1
<b>Pseudomonas brassicacearum L13-6-12</b>	GCA_001746815.1
<b>Pseudomonas stutzeri DSM 4166</b>	GCA_000195105.1
<b>Pseudomonas aeruginosa LESB58</b>	GCA_000026645.1
<b>Pseudomonas putida GB-1</b>	GCA_000019125.1
<b>Pseudomonas fluorescens NCIMB 11764</b>	GCA_000293885.3
<b>Pseudomonas putida W619</b>	GCA_000019445.1
<b>Pseudomonas aeruginosa AES-1R</b>	GCA_000220025.3
<b>Pseudomonas stutzeri CCUG 29243</b>	GCA_000267545.1
<b>Pseudomonas chlororaphis 189</b>	GCA_001602135.1
<b>Pseudomonas sp. FGI182</b>	GCA_000511325.1
<b>Pseudomonas sp. StFLB209</b>	GCA_000829415.1
<b>Pseudomonas stutzeri DSM 10701</b>	GCA_000279165.1
<b>Pseudomonas aeruginosa M18</b>	GCA_000226155.1
<b>Pseudomonas putida BIRD-1</b>	GCA_000183645.1
<b>Pseudomonas fluorescens UK4</b>	GCA_000730425.1
<b>Pseudomonas fluorescens PCL1751</b>	GCA_000934565.1
<b>Pseudomonas putida S16</b>	GCA_000219705.1
<b>Pseudomonas aeruginosa DK2</b>	GCA_000271365.1
<b>Pseudomonas syringae pv. syringae B301D</b>	GCA_000988485.1
<b>Pseudomonas sp. CCOS 191</b>	GCA_001007005.1
<b>Pseudomonas aeruginosa SJTD-1</b>	GCA_000271985.2
<b>Pseudomonas putida B6-2</b>	GCA_000226035.3
<b>Pseudomonas fluorescens PICF7</b>	GCA_000963495.1
<b>Pseudomonas fluorescens LBUM223</b>	GCA_000968415.1
<b>Pseudomonas aeruginosa NCGM2.S1</b>	GCA_000284555.1

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<b>Pseudomonas syringae pv. lapsa</b>	GCA_001482725.1
<b>Pseudomonas stutzeri SLG510A3-8</b>	GCA_001038645.1
<b>Pseudomonas sp. BS-2016</b>	GCA_001020725.2
<b>Pseudomonas stutzeri 273</b>	GCA_001648195.1
<b>Pseudomonas aeruginosa B136-33</b>	GCA_000359505.1
<b>Pseudomonas putida SJTE-1</b>	GCA_000271965.2
<b>Pseudomonas fluorescens FW300-N2E3</b>	GCA_001307155.1
<b>Pseudomonas fluorescens FW300-N2C3</b>	GCA_001307275.1
<b>Pseudomonas aeruginosa RP73</b>	GCA_000414035.1
<b>Pseudomonas sp. URMO17WK12-I11</b>	GCA_001511775.1
<b>Pseudomonas sp. Os17</b>	GCA_001547895.1
<b>Pseudomonas aeruginosa VRFPA04</b>	GCA_000473745.3
<b>Pseudomonas putida H8234</b>	GCA_000410575.1
<b>Pseudomonas fluorescens LBUM636</b>	GCA_001612705.1
<b>Pseudomonas fluorescens L321</b>	GCA_001708445.1
<b>Pseudomonas putida NBRC 14164</b>	GCA_000412675.1
<b>Pseudomonas aeruginosa DHS01</b>	GCA_000496455.2
<b>Pseudomonas sp. St29</b>	GCA_001547915.1
<b>Pseudomonas sp. MS586</b>	GCA_001594225.1
<b>Pseudomonas aeruginosa PA1</b>	GCA_000496605.2
<b>Pseudomonas fluorescens L111</b>	GCA_001708465.1
<b>Pseudomonas putida S13.1.2</b>	GCA_000498395.3
<b>Pseudomonas aeruginosa PA1R</b>	GCA_000496645.1
<b>Pseudomonas sp. JY-Q</b>	GCA_001655295.1
<b>Pseudomonas sp. DR 5-09</b>	GCA_001655595.1
<b>Pseudomonas aeruginosa MTB-1</b>	GCA_000504045.1
<b>Pseudomonas putida DLL-E4</b>	GCA_000691565.1
<b>Pseudomonas fluorescens Pt14</b>	GCA_001747385.1
<b>Pseudomonas putida 1A00316</b>	GCA_001515585.2
<b>Pseudomonas aeruginosa LES431</b>	GCA_000508765.1
<b>Pseudomonas sp. GR 6-02</b>	GCA_001655615.1
<b>Pseudomonas sp. A3-2016</b>	GCA_001661075.1
<b>Pseudomonas aeruginosa SCV20265</b>	GCA_000510305.1
<b>Pseudomonas putida PC2</b>	GCA_001636055.1
<b>Pseudomonas putida JB</b>	GCA_001767335.1
<b>Pseudomonas aeruginosa YL84</b>	GCA_000524595.1
<b>Pseudomonas sp. CC6-YY-74</b>	GCA_002025205.1
<b>Pseudomonas aeruginosa F22031</b>	GCA_000816985.1
<b>Pseudomonas putida PP112420</b>	GCA_001886975.1
<b>Pseudomonas putida AA7</b>	GCA_002025705.1

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<b>Pseudomonas aeruginosa NCGM 1984</b>	GCA_000829255.1
<b>Pseudomonas sp. LPH1</b>	GCA_002037565.1
<b>Pseudomonas sp. S-6-2</b>	GCA_002056295.1
<b>Pseudomonas aeruginosa NCGM 1900</b>	GCA_000829275.1
<b>Pseudomonas aeruginosa FRD1</b>	GCA_000829885.1
<b>Pseudomonas sp. M30-35</b>	GCA_002163625.1
<b>Pseudomonas aeruginosa Carb01 63</b>	GCA_000981825.1
<b>Pseudomonas aeruginosa DSM 50071</b>	GCA_001045685.1
<b>Pseudomonas aeruginosa F9676</b>	GCA_001077475.1
<b>Pseudomonas aeruginosa PA1RG</b>	GCA_001293085.1
<b>Pseudomonas aeruginosa VA-134</b>	GCA_001447845.1
<b>Pseudomonas aeruginosa NCTC10332</b>	GCA_001457615.1
<b>Pseudomonas aeruginosa 12-4-4-59</b>	GCA_001482325.1
<b>Pseudomonas aeruginosa S86968</b>	GCA_001515845.2
<b>Pseudomonas aeruginosa T38079</b>	GCA_001515915.2
<b>Pseudomonas aeruginosa T52373</b>	GCA_001516005.1
<b>Pseudomonas aeruginosa T63266</b>	GCA_001516105.1
<b>Pseudomonas aeruginosa W16407</b>	GCA_001516165.2
<b>Pseudomonas aeruginosa W36662</b>	GCA_001516185.2
<b>Pseudomonas aeruginosa W45909</b>	GCA_001516205.2
<b>Pseudomonas aeruginosa W60856</b>	GCA_001516225.2
<b>Pseudomonas aeruginosa F23197</b>	GCA_001516245.2
<b>Pseudomonas aeruginosa F30658</b>	GCA_001516265.1
<b>Pseudomonas aeruginosa H5708</b>	GCA_001516305.2
<b>Pseudomonas aeruginosa H27930</b>	GCA_001516325.2
<b>Pseudomonas aeruginosa H47921</b>	GCA_001516345.1
<b>Pseudomonas aeruginosa M1608</b>	GCA_001516365.2
<b>Pseudomonas aeruginosa M37351</b>	GCA_001516385.1
<b>Pseudomonas aeruginosa USDA-ARS-USMARC-41639</b>	GCA_001518975.1
<b>Pseudomonas aeruginosa X78812</b>	GCA_001542795.2
<b>Pseudomonas aeruginosa F9670</b>	GCA_001542835.1
<b>Pseudomonas aeruginosa NCGM257</b>	GCA_001547955.1
<b>Pseudomonas aeruginosa 8380</b>	GCA_001548135.1
<b>Pseudomonas aeruginosa IOMTU 133</b>	GCA_001548335.1
<b>Pseudomonas aeruginosa F63912</b>	GCA_001594325.2
<b>Pseudomonas aeruginosa N17-1</b>	GCA_001606045.1
<b>Pseudomonas aeruginosa ATCC 27853</b>	GCA_001618925.1
<b>Pseudomonas aeruginosa BAMCPA07-48</b>	GCA_001632245.1
<b>Pseudomonas aeruginosa PA_D1</b>	GCA_001721745.1
<b>Pseudomonas aeruginosa PA_D2</b>	GCA_001721765.1

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<b>Pseudomonas aeruginosa PA_D9</b>	GCA_001721785.1
<b>Pseudomonas aeruginosa PA_D16</b>	GCA_001721805.1
<b>Pseudomonas aeruginosa PA_D22</b>	GCA_001721825.1
<b>Pseudomonas aeruginosa PA_D25</b>	GCA_001721845.1
<b>Pseudomonas aeruginosa PA_D5</b>	GCA_001722025.1
<b>Pseudomonas aeruginosa PA_D21</b>	GCA_001722045.1
<b>Pseudomonas aeruginosa ATCC 15692</b>	GCA_001729505.1
<b>Pseudomonas aeruginosa FA-HZ1</b>	GCA_001750705.1
<b>Pseudomonas aeruginosa PA1088</b>	GCA_001792835.1
<b>Pseudomonas aeruginosa PA8281</b>	GCA_001792855.1
<b>Pseudomonas aeruginosa PA11803</b>	GCA_001792875.1
<b>Pseudomonas aeruginosa B10W</b>	GCA_001874465.1
<b>Pseudomonas putida DOT-T1E</b>	GCA_000281215.1
<b>Pseudomonas aeruginosa PAER4_119</b>	GCA_001879525.1
<b>Pseudomonas aeruginosa SCVFeb</b>	GCA_001900195.1
<b>Pseudomonas aeruginosa SCVJan</b>	GCA_001900225.1
<b>Pseudomonas aeruginosa Nhmuc</b>	GCA_001900265.1
<b>Pseudomonas aeruginosa PA_154197</b>	GCA_002075065.1
<b>Pseudomonas aeruginosa RIVM-EMC2982</b>	GCA_002085605.1
<b>Pseudomonas aeruginosa PASGNM699</b>	GCA_002104595.1
<b>Pseudomonas aeruginosa PASGNM345</b>	GCA_002104615.1
<b>Pseudomonas aeruginosa Pa124</b>	GCA_002192475.1
<b>Pseudomonas aeruginosa Pa58</b>	GCA_002192495.1
<b>Pseudomonas aeruginosa Pa84</b>	GCA_002205335.1
<b>Pseudomonas aeruginosa Pa127</b>	GCA_002205355.1
<b>Pseudomonas aeruginosa Pa1242</b>	GCA_002205375.1
<b>Pseudomonas aeruginosa Pa1207</b>	GCA_002208645.1
<b>Pseudomonas aeruginosa L10</b>	GCA_002223805.1
<b>Pseudomonas aeruginosa Ocean-1155</b>	GCA_002237405.1
<b>Pseudomonas aeruginosa Ocean-1175</b>	GCA_002237425.1
<b>Pseudomonas aeruginosa DK1</b>	GCA_900069025.1
<b>Pseudomonas aeruginosa PAO1_Orsay</b>	GCA_900070375.1
<b>Pseudomonas aeruginosa PA14OR</b>	GCA_900095805.1
<b>Pseudomonas aeruginosa Pcyll-10</b>	GCA_900149285.1
<b>Pseudomonas aeruginosa C-NN2</b>	GCA_900185255.1
<b>Pseudomonas aeruginosa Cu1510</b>	GCA_001465155.1
<b>Pseudomonas tolaasii 2192T</b>	GCA_002072675.1
<b>Pseudomonas agarici NCPPB 2472</b>	GCA_001543125.1
<b>Pseudomonas psychrotolerans PRS08-11306</b>	GCA_001913135.1
<b>Pseudomonas mandelii JR-1</b>	GCA_000257545.3

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<b>Pseudomonas citronellolis SJTE-3</b>	GCA_001654435.1
<b>Pseudomonas simiae WCS417</b>	GCA_000698265.1
<b>Pseudomonas frederiksbergensis ERDD5-01</b>	GCA_001874645.1
<b>Pseudomonas antarctica PAMC 27494</b>	GCA_001647715.1
<b>Pseudomonas frederiksbergensis AS1</b>	GCA_001952935.1
<b>Pseudomonas fragi NMC25</b>	GCA_002128325.1
<b>Pseudomonas syringae pv. actinidiae ICMP 9853</b>	GCA_000344335.2
<b>Pseudomonas syringae pv. actinidiae ICMP 18708</b>	GCA_000344355.2
<b>Pseudomonas mendocina S5.2</b>	GCA_000733715.2
<b>Pseudomonas fragi DBC</b>	GCA_002205455.1
<b>Pseudomonas chlororaphis PCL1606</b>	GCA_000963835.1
<b>Pseudomonas sp. VLB120</b>	GCA_000494915.1
<b>Pseudomonas syringae CC1557</b>	GCA_000452705.3
<b>Pseudomonas fluorescens A506</b>	GCA_000262325.2
<b>Pseudomonas syringae pv. actinidiae ICMP 18884</b>	GCA_000648735.3
<b>Pseudomonas syringae pv. syringae HS191</b>	GCA_000988395.1
<b>Pseudomonas stutzeri RCH2</b>	GCA_000327065.1
<b>Pseudomonas sp. MRSN12121</b>	GCA_000931465.1
<b>Pseudomonas stutzeri 19SMN4</b>	GCA_000661915.1
<b>Pseudomonas syringae UMAF0158</b>	GCA_001281365.1
<b>Pseudomonas putida ND6</b>	GCA_000264665.1
<b>Pseudomonas syringae pv. actinidiae NZ-45</b>	GCA_001913215.1
<b>Pseudomonas putida HB3267</b>	GCA_000325725.1
<b>Pseudomonas syringae pv. actinidiae NZ-47</b>	GCA_001913235.1
<b>Pseudomonas syringae pv. actinidiae CRAFRU 12.29</b>	GCA_002024285.1
<b>Pseudomonas syringae pv. actinidiae CRAFRU 14.08</b>	GCA_002024305.1
<b>Pseudomonas putida S12</b>	GCA_000495455.2
<b>Pseudomonas fluorescens L228</b>	GCA_001708485.1
<b>Pseudomonas protegens UCT</b>	GCA_001874665.1
<b>Pseudomonas fluorescens KENGFT3</b>	GCA_001602175.1
<b>Pseudomonas fluorescens FW300-N2E2</b>	GCA_001623525.1
<b>Pseudomonas fluorescens CREA-C16</b>	GCA_001878715.1
<b>Pseudomonas sp. TCU-HL1</b>	GCA_001708505.1
<b>Pseudomonas sp. WCS374</b>	GCA_000698295.1
<b>Pseudomonas sp. DRA525</b>	GCA_001908395.1
<b>Pseudomonas aeruginosa PA121617</b>	GCA_001679685.1
<b>Pseudomonas aeruginosa DN1</b>	GCA_001722005.2
<b>Pseudomonas aeruginosa PA7790</b>	GCA_001870265.1
<b>Pseudomonas aeruginosa E6130952</b>	GCA_002085755.1
<b>Pseudomonas aeruginosa PA83</b>	GCA_002215345.1

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<b>Pseudomonas aeruginosa PAO581</b>	GCA_000468555.1
<b>Pseudomonas aeruginosa c7447m</b>	GCA_000468935.1
<b>Pseudomonas aeruginosa PAO1-VE2</b>	GCA_000484495.1
<b>Pseudomonas aeruginosa PAO1-VE13</b>	GCA_000484545.1
<b>Pseudomonas aeruginosa LESlike5</b>	GCA_000583895.1
<b>Pseudomonas aeruginosa LESlike7</b>	GCA_000583915.1
<b>Pseudomonas aeruginosa LES400</b>	GCA_000583935.1
<b>Pseudomonas aeruginosa LESB65</b>	GCA_000583955.1
<b>Pseudomonas aeruginosa LESlike1</b>	GCA_000583975.1
<b>Pseudomonas aeruginosa LESlike4</b>	GCA_000583995.1
<b>Pseudomonas aeruginosa PA96</b>	GCA_000626655.2
<b>Pseudomonas aeruginosa PAO1H2O</b>	GCA_000714515.1
<b>Pseudomonas aeruginosa CCBH4851</b>	GCA_000763245.2
<b>Pseudomonas aeruginosa S04 90</b>	GCA_000988505.1
<b>Pseudomonas aeruginosa M8A1</b>	GCA_002116945.1
<b>Pseudomonas aeruginosa M8A4</b>	GCA_002116985.1
<b>Pseudomonas aeruginosa M28A1</b>	GCA_002117025.1
<b>Pseudomonas aeruginosa Pb18</b>	GCA_002117045.1
<b>Pseudomonas syringae pv. tomato str. DC3000</b>	GCA_000007805.1
<b>Pseudomonas savastanoi pv. phaseolicola 1448A</b>	GCA_000012205.1
<b>Pseudomonas synxantha LMG 2190</b>	GCA_900105675.1
<b>Pseudomonas extremaustralis DSM 17835</b>	GCA_900102035.1
<b>Pseudomonas fuscovaginae LMG 2158</b>	GCA_900108595.1
<b>Pseudomonas psychrophila BS3667</b>	GCA_900106105.1
<b>Pseudomonas mucidolens LMG 2223</b>	GCA_900106045.1
<b>Pseudomonas umsongensis BS3657</b>	GCA_900105285.1
<b>Pseudomonas resinovorans NBRC 106553</b>	GCA_000412695.1
<b>Pseudomonas extremorientalis BS2774</b>	GCA_900104365.1
<b>Pseudomonas moraviensis BS3668</b>	GCA_900105805.1
<b>Pseudomonas mediterranea DSM 16733</b>	GCA_900106005.1
<b>Pseudomonas rhodesiae BS2777</b>	GCA_900105575.1
<b>Pseudomonas xanthomarina LMG 23572</b>	GCA_900108535.1
<b>Pseudomonas lini BS3782</b>	GCA_900104735.1
<b>Pseudomonas thivervalensis BS3779</b>	GCA_900102295.1
<b>Pseudomonas libanensis BS2975</b>	GCA_900101035.1
<b>Pseudomonas orientalis BS2775</b>	GCA_900105795.1
<b>Pseudomonas breunneri BS2771</b>	GCA_900105815.1
<b>Pseudomonas cerasi PCPL58T</b>	GCA_900074915.1
<b>Pseudomonas arsenicoxydans CECT 7543</b>	GCA_900103875.1
<b>Pseudomonas reinekei BS3776</b>	GCA_900104125.1

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<b>Pseudomonas oryzae KCTC 32247</b>	GCA_900104805.1
<b>Pseudomonas prosekii LMG 26867</b>	GCA_900105155.1
<b>Pseudomonas sihuiensis KCTC 32246</b>	GCA_900106015.1
<b>Pseudomonas litoralis 2SM5</b>	GCA_900105005.1
<b>Pseudomonas pohangensis DSM 17875</b>	GCA_900105995.1
<b>Pseudomonas granadensis LMG 27940</b>	GCA_900105485.1
<b>Pseudomonas asplenii ATCC 23835</b>	GCA_900105475.1
<b>Pseudomonas xinjiangensis NRRL B-51270</b>	GCA_900104945.1
<b>Pseudomonas salegens CECT 8338</b>	GCA_900105655.1
<b>Pseudomonas yamanorum LMG 27247</b>	GCA_900105735.1
<b>Pseudomonas guangdongensis CCTCC 2012022</b>	GCA_900105885.1
<b>Pseudomonas sabulinigri JCM 14963</b>	GCA_900105255.1
<b>Pseudomonas vancouverensis BS3656</b>	GCA_900105825.1
<b>Pseudomonas cedrina BS2981</b>	GCA_900104915.1
<b>Pseudomonas saudiphocaensis 20_BN</b>	GCA_000756775.2
<b>Pseudomonas antarctica BS2772</b>	GCA_900103795.1
<b>Pseudomonas trivialis BS3111</b>	GCA_900104885.1
<b>Pseudomonas moraviensis R28-S</b>	GCA_000512275.1
<b>Pseudomonas corrugata BS3649</b>	GCA_900106085.1
<b>Pseudomonas poae BS2776</b>	GCA_900103965.1
<b>Pseudomonas mandelii LMG 21607</b>	GCA_900106065.1
<b>Pseudomonas synxantha BG33R BG33R</b>	GCA_000263715.2
<b>Pseudomonas azotoformans LMG 21611</b>	GCA_900103345.1
<b>Pseudomonas koreensis BS3658</b>	GCA_900101415.1
<b>Pseudomonas fragi NRRL B-727</b>	GCA_900105835.1
<b>Pseudomonas brassicacearum BS3663</b>	GCA_900103245.1
<b>Pseudomonas chlororaphis ATCC 13985</b>	GCA_900104715.1
<b>Pseudomonas chlororaphis LMG 21630</b>	GCA_900104985.1
<b>Pseudomonas chlororaphis DSM 21509</b>	GCA_900104995.1
<b>Pseudomonas chlororaphis O6</b>	GCA_000264555.1
<b>Pseudomonas chlororaphis subsp. aureofaciens 30-84</b>	GCA_000281915.1
<b>Pseudomonas syringae 31R1</b>	GCA_900105295.1
<b>Pseudomonas syringae pv. syringae B64</b>	GCA_000331385.1
<b>Pseudomonas syringae pv. syringae SM</b>	GCA_000412165.1
<b>Pseudomonas syringae pv. actinidiae ICMP 9617</b>	GCA_000658965.1
<b>Pseudomonas fluorescens WH6</b>	GCA_000166515.1
<b>Pseudomonas fluorescens SS101</b>	GCA_000263675.2
<b>Pseudomonas putida N1R</b>	GCA_900156185.1
<b>Pseudomonas fluorescens Q8r1-96</b>	GCA_000263695.2
<b>Pseudomonas fluorescens Q2-87</b>	GCA_000281895.1

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<b>Pseudomonas fluorescens R124</b>	GCA_000292795.1
<b>Pseudomonas sp. MT-1</b>	GCA_000828755.1
<b>Pseudomonas sp. Z003-0.4C-8344-21</b>	GCA_900104975.1
<b>Pseudomonas sp. bs2935</b>	GCA_900105085.1
<b>Pseudomonas sp. B10</b>	GCA_900156235.1
<b>Pseudomonas sp. A214</b>	GCA_900156295.1
<b>Pseudomonas sp. 7SR1</b>	GCA_900156465.1
<b>Pseudomonas aeruginosa PSE305</b>	GCA_000750905.1
<b>Pseudomonas aeruginosa 39016</b>	GCA_000148745.1
<b>Pseudomonas aeruginosa PACS2</b>	GCA_000168335.1
<b>Pseudomonas aeruginosa 19BR</b>	GCA_000223945.2
<b>Pseudomonas aeruginosa 213BR</b>	GCA_000223965.2
<b>Azotobacter vinelandii CA</b>	GCA_000380335.1

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