Table S9. Genes shared by and unique to Sub-clade 3[a]

Annotated function	BG33R	SBW25	A506	SS101
Conserved hypothetical protein	PseBG33_0269	PFLU0235	PflA506_0235	PflSS101_0251
Amino acid ABC transporter, periplasmic amino acid-binding protein	PseBG33_0396	PFLU0375	PflA506_0360	PflSS101_0398
Methyl-accepting chemotaxis domain protein	PseBG33_0400	PFLU0379	PflA506_0364	PflSS101_0402
Conserved hypothetical protein	PseBG33_0461	PFLU0440	PflA506_0432	PflSS101_0463
Conserved hypothetical protein	PseBG33_0557	PFLU0540	PflA506_0528	PflSS101_0557
Conserved hypothetical protein	PseBG33_0625	PFLU0608	PflA506_0589	PflSS101_0617
Putative acetyl-CoA acetyltransferase	PseBG33_0669	PFLU0655	PflA506_0633	PflSS101_0661
Type III secretion protein RspO	PseBG33_0736	PFLU0712	PflA506_0699	PflSS101_0729
Type III secretion protein RspP	PseBG33_0737	PFLU0713	PflA506_0700	PflSS101_0730
Type III secretion system negative regulatory protein RspV	PseBG33_0743	PFLU0719	PflA506_0706	PflSS101_0736
Type III secretion protein RspT	PseBG33_0744	PFLU0720	PflA506_0707	PflSS101_0737
Putative amino acid ABC transporter, periplasmic amino acid-binding protein	PseBG33_0983	PFLU0963	PflA506_0944	PflSS101_0980
Conserved hypothetical protein	PseBG33_1029	PFLU1008	PflA506_0987	PflSS101_1028
Conserved hypothetical protein	PseBG33_1031	PFLU1009	PflA506_0989	PflSS101_1030
Gram-negative pili assembly chaperone, N-terminal domain protein	PseBG33_1033	PFLU1011	PflA506_0991	PflSS101_1032
Conserved hypothetical protein	PseBG33_1034	PFLU1012	PflA506_0992	PflSS101_1033
Conserved hypothetical protein	PseBG33_1035	PFLU1013	PflA506_0993	PflSS101_1034
Conserved hypothetical protein	PseBG33_1036	PFLU1015	PflA506_0994	PflSS101_1035
Conserved hypothetical protein	PseBG33_1273	PFLU1206	PflA506_1181	PflSS101_1219
Conserved hypothetical protein	PseBG33_1633	PFLU1527	PflA506_1543	PflSS101_1549
Conserved hypothetical protein	PseBG33_1652	PFLU1547	PflA506_1561	PflSS101_1567
Transcriptional regulator, AbrB family	PseBG33_1709	PFLU1618	PflA506_1671	PflSS101_1623
Beta-hydroxylase, aspartyl/asparaginyl family	PseBG33_1711	PFLU1620	PflA506_1673	PflSS101_1625
Transcriptional regulator, LysR family	PseBG33_1716	PFLU1625	PflA506_1678	PflSS101_1630
Drug resistance transporter, Bcr/CflA family	PseBG33_1717	PFLU1626	PflA506_1679	PflSS101_1631
Conserved hypothetical protein	PseBG33_1779	PFLU1695	PflA506_1743	PflSS101_1702
Extracellular metalloproteinase, serralysin family	PseBG33_1851	PFLU1793	PflA506_1814	PflSS101_1775
Putative type III secretion effector protein	PseBG33_2028	PFLU2099	PflA506_1996	PflSS101_1952
Putative type III secretion effector protein	PseBG33_2030	PFLU2101	PflA506_1998	PflSS101_1954
Transporter, major facilitator family	PseBG33_2089	PFLU4214	PflA506_2135	PflSS101_2015
Sensor histidine kinase/response regulator	PseBG33_2100	PFLU2181	PflA506_2147	PflSS101_2026
Conserved hypothetical protein	PseBG33_2321	PFLU4167	PflA506_2188	PflSS101_2068
Transcriptional regulator, LysR family	PseBG33_2326	PFLU2291	PflA506_2223	PflSS101_2114

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Ribose ABC transporter, periplasmic ribose-binding protein	PseBG33_2375	PFLU3996	PflA506_3373	PflSS101_3383
Ribose ABC transporter, ATP-binding protein	PseBG33_2376	PFLU3995	PflA506_3372	PflSS101_3382
Carbohydrate kinase, FGGY family	PseBG33_2379	PFLU3992	PflA506_3369	PflSS101_3379
Sugar binding transcriptional regulator, LacI family	PseBG33_2380	PFLU3990	PflA506_3368	PflSS101_3378
Short chain dehydrogenase/reductase family protein	PseBG33_2381	PFLU3991	PflA506_3367	PflSS101_3377
Conserved hypothetical protein	PseBG33_2391	PFLU3980	PflA506_3357	PflSS101_3367
Conserved hypothetical protein	PseBG33_2419	PFLU2456	PflA506_3118	PflSS101_3127
Conserved hypothetical protein	PseBG33_2455	PFLU0566	PflA506_3079	PflSS101_3087
Transcriptional regulatory protein domain protein	PseBG33_2459	PFLU3709	PflA506_3075	PflSS101_3083
Conserved hypothetical protein	PseBG33_2526	PFLU2605	PflA506_2433	PflSS101_2988
Transketolase	PseBG33_2537	PFLU3599	PflA506_2366	PflSS101_3052
DNA-3-methyladenine glycosylase I	PseBG33_2576	PFLU3499	PflA506_2527	PflSS101_2314
Transporter, major facilitator family	PseBG33_2627	PFLU3436	PflA506_2885	PflSS101_2357
Conserved hypothetical protein	PseBG33_2812	PFLU3022	PflA506_2704	PflSS101_2629
Conserved hypothetical protein	PseBG33_2825	PFLU3034	PflA506_2691	PflSS101_2616
Conserved hypothetical protein	PseBG33_2834	PFLU3043	PflA506_2682	PflSS101_2607
Drug resistance transporter, Bcr/CflA family	PseBG33_2836	PFLU3046	PflA506_2680	PflSS101_2605
Conserved hypothetical protein	PseBG33_2892	PFLU3133	PflA506_2634	PflSS101_2574
Conserved hypothetical protein	PseBG33_2895	PFLU3135	PflA506_2630	PflSS101_2572
Ribonucleoside-diphosphate reductase, beta subunit	PseBG33_2979	PFLU2783	PflA506_2912	PflSS101_2466
PF06945 family protein	PseBG33_2981	PFLU2782	PflA506_2913	PflSS101_2464
Conserved hypothetical protein	PseBG33_3058	PFLU2699	PflA506_2997	PflSS101_2372
Conserved hypothetical protein	PseBG33_3070	PFLU2686	PflA506_3009	PflSS101_2360
Conserved hypothetical protein	PseBG33_3105	PFLU2650	PflA506_2458	PflSS101_2241
Conserved hypothetical protein	PseBG33_3184	PFLU3614	PflA506_3060	PflSS101_2966
Conserved hypothetical protein	PseBG33_3187	PFLU3616	PflA506_3063	PflSS101_2969
Translocator protein, LysE family	PseBG33_3233	PFLU3651	PflA506_2298	PflSS101_2197
Conserved hypothetical protein	PseBG33_3266	PFLU3755	PflA506_3140	PflSS101_3148
Conserved hypothetical protein	PseBG33_3342	PFLU3835	PflA506_3217	PflSS101_3223
Conserved hypothetical protein	PseBG33_3525	PFLU2409	PflA506_2280	PflSS101_2176
Putative lipoprotein	PseBG33_3552	PFLU3999	PflA506_3375	PflSS101_3385
Conserved hypothetical protein	PseBG33_3565	PFLU2297	PflA506_3382	PflSS101_3394
5'-nucleotidase, lipoprotein e(P4) family, putative	PseBG33_3609	PFLU4030	PflA506_3433	PflSS101_3444
Conserved hypothetical protein	PseBG33_3678	PFLU4166	PflA506_3475	PflSS101_3492
Pyroglutamyl-peptidase I	PseBG33_3684	PFLU4174	PflA506_3482	PflSS101_3499

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Membrane protein, PF06166 family	PseBG33_3685	PFLU4175	PflA506_3483	PflSS101_3500
Membrane protein, PF06149 family	PseBG33_3686	PFLU4176	PflA506_3484	PflSS101_3501
Conserved hypothetical protein	PseBG33_3727	PFLU4215	PflA506_3528	PflSS101_3545
Conserved hypothetical protein	PseBG33_3752	PFLU4244	PflA506_3552	PflSS101_3587
Conserved hypothetical protein	PseBG33_3759	PFLU4252	PflA506_3559	PflSS101_3596
Conserved hypothetical protein	PseBG33_3821	PFLU4329	PflA506_3639	PflSS101_3658
Conserved hypothetical protein	PseBG33_3844	PFLU4357	PflA506_3662	PflSS101_3681
Putative bacteriophage-acquired protein	PseBG33_4065	PFLU4584	PflA506_3884	PflSS101_3909
Conserved hypothetical protein	PseBG33_4175	PFLU4688	PflA506_3993	PflSS101_4072
Putative outer membrane protein H1	PseBG33_4210	PFLU4721	PflA506_4028	PflSS101_4108
Conserved hypothetical protein	PseBG33_4215	PFLU4727	PflA506_4033	PflSS101_4113
Conserved hypothetical protein	PseBG33_4269	PFLU4779	PflA506_4095	PflSS101_4173
Conserved hypothetical protein	PseBG33_4643	PFLU5181	PflA506_4474	PflSS101_4538
Conserved hypothetical protein	PseBG33_4913	PFLU5430	PflA506_4721	PflSS101_4776
Conserved hypothetical protein	PseBG33_5414	PFLU5907	PflA506_5195	PflSS101_5245
Fimbrial usher protein	PseBG33_5416	PFLU5908	PflA506_5197	PflSS101_5247
Conserved hypothetical protein	PseBG33_5418	PFLU5910	PflA506_5199	PflSS101_5249
HAD-superfamily hydrolase, subfamily IA, variant 1 and 3	PseBG33_5454	PFLU5949	PflA506_5234	PflSS101_5284
Type VI secretion protein Fha1	PseBG33_5521	PFLU6017	PflA506_5299	PflSS101_5349

[a] Genes are present in genomes of the strains found in Sub-clade 3, but are not present in the genomes of other *Pseudomonas* spp. in Figure 1.

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