Table S8. Genes shared by and unique to Q8r1-96 and Q2-87[a]

Annotated function	Q8r1-96	Q2-87
Putative type I secretion target	PflQ8_0085	PflQ2_1985
Conserved hypothetical protein	PflQ8_0086	PflQ2_0917
Conserved hypothetical protein	PflQ8_0174	PflQ2_5559
Hypothetical protein	PflQ8_0216	PflQ2_5520
Transcriptional regulator, LysR family	PflQ8_0335	PflQ2_5398
Methyl-accepting chemotaxis protein	PflQ8_0414	PflQ2_5310
Hypothetical protein	PflQ8_0454	PflQ2_5249
Conserved hypothetical protein	PflQ8_0483	PflQ2_5223
Conserved hypothetical protein	PflQ8_0486	PflQ2_1813
Conserved hypothetical protein	PflQ8_0542	PflQ2_5167
Hypothetical protein	PflQ8_0660	PflQ2_5049
Conserved hypothetical protein	PflQ8_0761	PflQ2_3994
Conserved hypothetical protein	PflQ8_0763	PflQ2_0685
Conserved hypothetical protein	PflQ8_0818	PflQ2_0731
Conserved hypothetical protein	PflQ8_0838	PflQ2_0754
Conserved hypothetical protein	PflQ8_0919	PflQ2_4553
Hypothetical protein	PflQ8_0920	PflQ2_4552
Hypothetical protein	PflQ8_0925	PflQ2_4537
Conserved hypothetical protein	PflQ8_0929	PflQ2_4536
Hypothetical protein	PflQ8_0930	PflQ2_4535
Hypothetical protein	PflQ8_0939	PflQ2_4525
Hypothetical protein	PflQ8_0940	PflQ2_4524
Conserved hypothetical protein	PflQ8_0997	PflQ2_4467
Transcriptional regulator, AraC family	PflQ8_0999	PflQ2_2314
Hypothetical protein	PflQ8_1026	PflQ2_4441
Type III effector protein RopAA	PflQ8_1079	PflQ2_4389
Conserved hypothetical protein	PflQ8_1124	PflQ2_4342
Hypothetical protein	PflQ8_1207	PflQ2_4158
Conserved hypothetical protein	PflQ8_1312	PflQ2_4157
Aminotransferase class I and II	PflQ8_1339	PflQ2_4130
Diguanylate cyclase (GGDEF) domain protein	PflQ8_1356	PflQ2_4112
LysM domain protein	PflQ8_1496	PflQ2_3966
Nucleotide sugar epimerase/dehydratase WbpM	PflQ8_1633	PflQ2_3841
Hypothetical protein	PflQ8_1858	PflQ2_3593
ABC transporter, permease protein	PflQ8_1963	PflQ2_3480
Oxidoreductase, short chain dehydrogenase/reductase family	PflQ8_2028	PflQ2_3416
Hypothetical protein	PflQ8_2044	PflQ2_2044
Conserved hypothetical protein	PflQ8_2070	PflQ2_2081
2-dehydro-3-deoxygluconokinase	PflQ8_2105	PflQ2_3314
Methyl-accepting chemotaxis protein	PflQ8_2162	PflQ2_2316
Rieske [2Fe-2S] domain protein	PflQ8_2165	PflQ2_2319
Vanillate monooxygenase family protein	PflQ8_2172	PflQ2_2326
Vanillate monooxygenase family protein	PflQ8_2173	PflQ2_2327
Vanillate O-demethylase oxidoreductase	PflQ8_2174	PflQ2_2328
Succinate-semialdehyde dehydrogenase [NAD(P)+]	PflQ8_2182	PflQ2_2337
Conserved hypothetical protein	PflQ8_2184	PflQ2_2339

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Hypothetical protein	PflQ8_2201	PflQ2_3228
Conserved hypothetical protein	PflQ8_2238	PflQ2_4245
Hypothetical protein	PflQ8_2239	PflQ2_4244
Sigma-54 dependent transcriptional regulator	PflQ8_2324	PflQ2_2270
Conserved hypothetical protein	PflQ8_2328	PflQ2_2244
Conserved hypothetical protein	PflQ8_2340	PflQ2_2346
Transcriptional regulator, GntR family	PflQ8_2341	PflQ2_2347
Aldehyde dehydrogenase (NAD) family protein	PflQ8_2342	PflQ2_2348
Conserved domain protein	PflQ8_2359	PflQ2_2241
Transporter, major facilitator family	PflQ8_2364	PflQ2_2248
Starvation-sensing protein RspA	PflQ8_2405	PflQ2_2388
Transporter, major facilitator family	PflQ8_2407	PflQ2_2390
D-mannonate dehydratase	PflQ8_2409	PflQ2_2392
Transcriptional regulator, GntR family	PflQ8_2410	PflQ2_2564
Conserved hypothetical protein	PflQ8_2412	PflQ2_2566
Conserved hypothetical protein	PflQ8_2418	PflQ2_2570
ATPase/histidine kinase/DNA gyrase B/HSP90 domain protein	PflQ8_2419	PflQ2_2571
Conserved hypothetical protein	PflQ8_2459	PflQ2_2593
Diguanylate cyclase (GGDEF) domain protein	PflQ8_2460	PflQ2_2594
Conserved hypothetical protein	PflQ8_2461	PflQ2_2595
Conserved hypothetical protein	PflQ8_2476	PflQ2_2609
Hypothetical protein	PflQ8_2477	PflQ2_2610
Putative polyketide synthase	PflQ8_2478	PflQ2_2611
Phosphopantetheine attachment site domain protein	PflQ8_2479	PflQ2_2612
FAD binding domain protein	PflQ8_2480	PflQ2_2613
HAD hydrolase, family IB	PflQ8_2481	PflQ2_2614
AMP-binding domain protein	PflQ8_2482	PflQ2_2615
Transcriptional regulator, TetR family	PflQ8_2484	PflQ2_2617
ABC transporter, substrate-binding protein, QAT family	PflQ8_2488	PflQ2_2958
Conserved hypothetical protein	PflQ8_2490	PflQ2_2956
Glutathione S-transferase	PflQ8_2517	PflQ2_2907
Transcriptional regulator, LysR family	PflQ8_2519	PflQ2_2904
Alkylhydroperoxidase AhpD family core domain protein	PflQ8_2521	PflQ2_2903
Sensory box histidine kinase	PflQ8_2577	PflQ2_2875
Conserved hypothetical protein	PflQ8_2580	PflQ2_2350
Hypothetical protein	PflQ8_2600	PflQ2_2853
Epoxide hydrolase	PflQ8_2619	PflQ2_2845
Hypothetical protein	PflQ8_2638	PflQ2_2554
FMN reductase MsuE	PflQ8_2643	PflQ2_2557
Response regulator	PflQ8_2655	PflQ2_2397
Sensory box histidine kinase	PflQ8_2656	PflQ2_2398
Conserved hypothetical protein	PflQ8_2657	PflQ2_2399
Type I secretion system ATPase, AprD family	PflQ8_2664	PflQ2_2406
Type I secretion membrane fusion protein, AprE family	PflQ8_2665	PflQ2_2407
Type I secretion outer membrane protein, TolC family	PflQ8_2666	PflQ2_2408
Conserved hypothetical protein	PflQ8_2713	PflQ2_2451
Conserved hypothetical protein	PflQ8_2714	PflQ2_2452
Patched family protein	PflQ8_2716	PflQ2_2454

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Conserved hypothetical protein	PflQ8_2721	PflQ2_3057
Conserved hypothetical protein	PflQ8_2780	PflQ2_2998
TRAP transporter, DctQ-like membrane protein	PflQ8_2786	PflQ2_2992
Transporter, major facilitator family	PflQ8_2791	PflQ2_2987
NAD dependent epimerase/dehydratase family protein	PflQ8_2792	PflQ2_2986
Hypothetical protein	PflQ8_2845	PflQ2_2652
ATPase/histidine kinase/DNA gyrase B/HSP90 domain protein	PflQ8_2851	PflQ2_2659
Band 7 protein	PflQ8_2852	PflQ2_2660
Phosphoglycerate mutase family protein	PflQ8_2958	PflQ2_3278
Conserved hypothetical protein	PflQ8_2964	PflQ2_2730
Transcriptional regulator, LysR family	PflQ8_2965	PflQ2_2729
NAD dependent epimerase/dehydratase family protein	PflQ8_2981	PflQ2_2716
Leucine Rich Repeat domain protein	PflQ8_3011	PflQ2_2698
Periplasmic arginine/ornithine-binding protein	PflQ8_3020	PflQ2_2693
Conserved hypothetical protein	PflQ8_3023	PflQ2_2690
Histidine ABC transporter, ATP-binding protein HisP	PflQ8_3067	PflQ2_2822
Histidine ABC transporter, permease protein HisM	PflQ8_3068	PflQ2_2823
Histidine ABC transporter, permease protein HisQ	PflQ8_3069	PflQ2_2824
Lysine/arginine/ornithine ABC transporter, periplasmic lysine/arginine/ornithine-binding protein ArgT	PflQ8_3070	PflQ2_2825
Enzyme, Cys/Met metabolism PLP-dependent family	PflQ8_3072	PflQ2_2827
Aldehyde dehydrogenase (NAD) family protein	PflQ8_3073	PflQ2_2828
Putative threonine synthase	PflQ8_3076	PflQ2_2830
DNA-binding domain/cupin domain protein	PflQ8_3079	PflQ2_2832
Polyol dehydrogenase MtlD	PflQ8_3133	PflQ2_2521
DNA ligase D	PflQ8_3142	PflQ2_2512
Nitrate/nitrite sensor protein NarX	PflQ8_3198	PflQ2_3073
Conserved hypothetical protein	PflQ8_3211	PflQ2_3084
Sensory box domain/GGDEF domain/EAL domain protein	PflQ8_3273	PflQ2_3144
Type II secretion protein, secretin HxcQ	PflQ8_3278	PflQ2_3149
Putative lipoprotein	PflQ8_3297	PflQ2_3534
Conserved hypothetical protein	PflQ8_3312	PflQ2_2210
Hypothetical protein	PflQ8_3369	PflQ2_2157
Hypothetical protein	PflQ8_3554	PflQ2_1976
Non-heme chloroperoxidase	PflQ8_3557	PflQ2_1975
Transcriptional regulator, AsnC family	PflQ8_3558	PflQ2_1974
Conserved hypothetical protein	PflQ8_3596	PflQ2_1942
NmrA family protein	PflQ8_3597	PflQ2_1941
Alginate lyase family protein	PflQ8_3601	PflQ2_1935
Nucleoside:H+ symporter family protein	PflQ8_3602	PflQ2_1934
Oxidoreductase, NAD-binding Rossman domain family	PflQ8_3604	PflQ2_1932
Transcriptional regulator, LacI family	PflQ8_3605	PflQ2_1931
Isochorismatase family protein	PflQ8_3615	PflQ2_1926
Transcriptional regulator, TetR family	PflQ8_3664	PflQ2_3213
Hypothetical protein	PflQ8_3679	PflQ2_1861
Hypothetical protein	PflQ8_3684	PflQ2_3216
ABC transporter, substrate-binding protein, QAT family	PflQ8_3686	PflQ2_3217
NADP oxidoreductase, coenzyme F420-dependent	PflQ8_3692	PflQ2_3220

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Transcriptional regulator, LysR family	PflQ8_3696	PflQ2_3223
Rieske [2Fe-2S] domain protein	PflQ8_3697	PflQ2_3224
Oxidoreductase, FAD/NAD-binding domains/2Fe-2S iron-sulfur cluster binding domain protein	PflQ8_3698	PflQ2_3225
Hypothetical protein	PflQ8_3735	PflQ2_1857
Hypothetical protein	PflQ8_3831	PflQ2_1804
Acetyltransferase, GNAT family	PflQ8_3876	PflQ2_1977
Hypothetical protein	PflQ8_3891	PflQ2_1983
Conserved hypothetical protein	PflQ8_4031	PflQ2_1611
Conserved hypothetical protein	PflQ8_4033	PflQ2_1608
Glyoxalase family protein	PflQ8_4049	PflQ2_1593
Conserved hypothetical protein	PflQ8_4052	PflQ2_1587
Conserved hypothetical protein	PflQ8_4053	PflQ2_1586
Transcriptional regulator, AsnC family	PflQ8_4165	PflQ2_1476
Translocator protein, LysE family	PflQ8_4170	PflQ2_1475
Transcriptional regulator, GntR family/aminotransferase, classes I and II family protein	PflQ8_4177	PflQ2_1468
Conserved hypothetical protein	PflQ8_4256	PflQ2_1384
Transporter, Ompp1/FadL/TodX family	PflQ8_4309	PflQ2_1333
Conserved hypothetical protein	PflQ8_4413	PflQ2_1232
Peptidase propeptide and YpeB domain protein	PflQ8_4430	PflQ2_1215
Conserved hypothetical protein	PflQ8_4434	PflQ2_1212
Conserved hypothetical protein	PflQ8_4479	PflQ2_1167
Polyamine ABC transporter, ATP-binding protein	PflQ8_4590	PflQ2_1060
Hypothetical protein	PflQ8_4605	PflQ2_0158
Conserved hypothetical protein	PflQ8_4615	PflQ2_1031
Conserved hypothetical protein	PflQ8_4621	PflQ2_1025
Hypothetical protein	PflQ8_4648	PflQ2_1000
Oxidoreductase, short chain dehydrogenase/reductase family	PflQ8_4852	PflQ2_4593
Conserved hypothetical protein	PflQ8_4973	PflQ2_4714
Hypothetical protein	PflQ8_5010	PflQ2_4752
Conserved hypothetical protein	PflQ8_5126	PflQ2_4862
Conserved hypothetical protein	PflQ8_5139	PflQ2_1679
Tetratricopeptide repeat domain protein	PflQ8_5198	PflQ2_4936
Conserved hypothetical protein	PflQ8_5199	PflQ2_4938
Hypothetical protein	PflQ8_5200	PflQ2_4939
Hypothetical protein	PflQ8_5201	PflQ2_2743
Translation elongation factor Tu	PflQ8_5235	PflQ2_4974
Carboxylesterase	PflQ8_5358	PflQ2_2821
Hypothetical protein	PflQ8_5365	PflQ2_0525
Hypothetical protein	PflQ8_5366	PflQ2_0522
Conserved hypothetical protein	PflQ8_5424	PflQ2_0464
Type III secretion apparatus protein RspA	PflQ8_5530	PflQ2_0353
Harpin RspZ	PflQ8_5531	PflQ2_0352
Type III secretion protein RspF	PflQ8_5536	PflQ2_0347
Type III secretion protein RspT	PflQ8_5539	PflQ2_0344
Putative type III effector protein RopB	PflQ8_5542	PflQ2_0341
Type III secretion protein RspP	PflQ8_5548	PflQ2_0335

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Type III secretion protein RspO	PflQ8_5549	PflQ2_0334
Acetyltransferase, GNAT family	PflQ8_5555	PflQ2_0328
Putative beta-lactamase	PflQ8_5557	PflQ2_0326
Putative membrane-bound lytic murein transglycosylase RspH	PflQ8_5558	PflQ2_0325
Type III effector protein RopM	PflQ8_5560	PflQ2_0323
Uroporphyrinogen-III synthase/HemX protein	PflQ8_5644	PflQ2_0233
Hypothetical protein	PflQ8_5754	PflQ2_5627
Transcriptional regulator, LysR family	PflQ8_5803	PflQ2_5679

[a] Genes are present in genomes of the strains Q8r1-96 and Q2-87 but are not present in the genomes of other *Pseudomonas* spp. in Figure 1.

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