Table 1. Genome properties of *P. aeruginosa* strains and their genomes

Properties	**PA2192**	**C3719**	**PAO1**	**PA14**	**PACS2**
Origin	Cystic Fibrosis	Cystic Fibrosis	Burn wound	Burn victim	Cystic Fibrosis
O-antigen biosynthetic genes *	O1 †	O3 ‡	O5	10	O1
Genome size (bp)	6,905,121	6,222,097	6,264,404	6,537,648	6,492,423
ORFs	6,191	5,578	5,571	5,905	5,676
tRNAs	46 §	40 §	64	63	65 ****
rRNAs	4	4	4	4	4
GC content (%)	66.2	66.5	66.6	66.3	66
Leading strand - No. of Genes (%)	3386 (55)	3043 (55)	3127 (56)	3212 (54)	3088 (54)
Leading strand - % essential genes	65	66	67	66	58
Total RGPs	35	31	32	37	27
No of Unique RGPs (RGP No.)	6 (RGP12, 17, 19, 30, 35, 42)	3 (RGP8, 16, 46)	1 (RGP34)	7 (RGP10, 11, 26, 32, 33, 38, 50)	1(RGP62)
Reference	This Study	This Study	1, 2	3, 4	

* As shown by Raymond *et al.* (5)

† *PA2G_02562* is a pseudogene (four nucleotide insertions creating a premature termination codon)

‡ *PACG_02083* is a pseudogene (a single nucleotide insertion that results in a premature stop codon). The cluster also contains a 1137-bp insertion sequence.

§ Based on the information from the draft genomes PA2192 and PAC3719

References

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