

Table 3. Characteristics of direct and inverted repeat sequences in PAPI-1

	Positions	Length, bp	Number of identical bp	Genes between the repeats
DR1	744-805 108,700-108,762	63	59	PAPI-1 (108 kb)
DR2	31,587-32,248 47,100-47,761	662	654	Two-component regulatory systems and <i>cup</i> -like cluster (<i>cupD</i>)
DR3	82,574-82,821 85,296-85,540	248	231	Pyocin S5 and associated immunity protein
DR4	95,301-95,357 95,358-95,414	57	50	None
DR5	95,767-95,824 95,825-95,881	58	54	None
IR	4,527-4,594 12,825-12,892	68	56	Pathogenicity genes and Archaea homologous genes