Supplementary Table 6 *P. luminescens* prophages, integrated plasmids, transposons and islands

Position (kb)	**Range**	**Putative insertion site**	**Features**
10-30	*plu0008 - plu0034*	N.I.	P2-like prophage DNA (remnant)
63-69	*plu0064 - plu0071*	tRNA-Glu	Prophage DNA (remnant)
132-180	*plu0125 - plu0169*	tRNA-Sec	Prophage DNA (remnant) Crystalline inclusion protein CipB
330-402	*ISPlu8C (plu0310) - plu0373*	N.I.	*phlA* and *B, pmt1, pmt2,* (Island 4 W14)
435-449	*plu0404 - plu0419*	N.I.	Fimbrial biosynthesis (Cluster V)
553-572	*plu0504 - plu0516*	N.I.	Fimbrial biosynthesis (Cluster VII) Toxin complex proteins (locus g)
1013-1037	*plu0884 - plu0901*	N.I.	Pyocin-like killer protein, Antibiotic biosynthesis
1054-1081	*plu0914 – plu0938*	N.I.	*luxR* regulatory gene cluster (Part of Island 1 W14)
1098-1351	*plu0958 – plu1166*	tRNA-Phe	(Part of Island 1 W14) Toxin complex proteins (locus d, e, f), Fimbrial biosynthesis - *ngrA* (Cluster VIII) Type IV pilin biosynthesis (Cluster X) Prophage DNA (remnant)
1386-1432	*plu1203 - hemR (plu1238)*	N.I.	Antibiotic biosynthesis
1545-1643	*plu1330 - plu1369*	N.I.	*rtx* gene cluster
1751 - 1760	*plu1458 - plu1467*	tRNA-Lys	Putative prophage DNA (remnant)
1961 - 2081	*plu1640 - plu1744*	N.I.	Putative prophage DNA (remnant)
2130 - 2161	*plu1787 - plu1813*	tRNA-Ser	Myo-inositol catabolism
2167 - 2186	*ISPlu6G (plu1820) - plu1839*	tRNA-Asn	Putative prophage DNA (remnant)
2208 - 2256	*ISPlu2 (plu1859) - plu1894*	N.I.	Antibiotic biosynthesis Pyocin

2626 - 2670	*plu2234- plu2272*	N.I.	Exochitinase, Lipase
2683 - 2756	*plu2286 - plu2339*	N.I.	Lipase Biosynthesis of siderophore highly similar to yersiniabactin Plasmid stability proteins
2800 - 2849	*plu2385 - plu2425*	N.I.	Putative prophage DNA (remnant)
2955 - 2992	*plu2512 - plu2548*	N.I.	Putative prophage DNA (remnant)
3409 - 3537	*plu2873 - plu3038*	tRNA-Pro	Prophage DNA (remnant)
		tRNA-Thr	Cobalamin biosynthesis, Ethanolamine catabolism
3635 - 3702	*plu3111 - ISPlu3P (plu3140)*	N.I.	Mcf-like toxin Antibiotic biosynthesis
3775 - 3892	*plu3207 -plu3275*	N.I.	*rtx* and *luxR* gene clusters, prophage DNA (remnant)
4007 - 4168	*plu3379 - plu3538*	N.I.	Prophage DNA (remnant) Lip-1 Antibiotic biosynthesis
4190 - 4243	*plu3557 - plu3595*	N.I.	Putative prophage DNA (remnant)
4340 - 4389	*plu3685 - plu3723*	N.I.	Putative prophage DNA (remnant)
4420 - 4452	*plu3746 - plu3789*	N.I.	Type III secretion (Island 5 W14)
4832 - 4970	*plu4141 - plu4246*	tRNA-Phe	Mcf toxin Toxin complex proteins (locus a and i of Fig. 2) Pyocin Antibiotic biosynthesis and photopexin
5175 - 5190	*plu4424 - plu4443*	N.I.	Prophage DNA, IS and JHE-like
5201 - 5229	*plu4451 - plu4477*	tRNA-Leu	Prophage DNA

N.I. : not identified