

(A)

Gene Number	Gene Name	Gene Function
PA14_00970		Hypothetical
PA14_08120		Tail length determinator protein
PA14_11730		Hypothetical
PA14_14400		Hypothetical
PA14_14530		Hypothetical
PA14_52190	<i>rumA</i>	23S rRNA-methyluridine methyltransferase
PA14_56100		Hypothetical
PA14_59200		Hypothetical
PA14_59980		Hypothetical
PA14_61050	<i>mscL</i>	Large-conductance mechanosensitive channel
PA14_68020		Hypothetical
PA14_14570		tRNA-leucine

(B)

Gene Number	Gene Name	Gene Function
PA14_17660		Hypothetical
PA14_25030 *		Hypothetical
PA14_28830		Hypothetical
PA14_30440		Hypothetical
PA14_33200		Hypothetical
PA14_34870	<i>chiC</i>	Chitinase
PA14_35290 *	<i>gnd</i>	Gluconate dehydrogenase
PA14_37680		Hypothetical
PA14_40020		Hypothetical
PA14_41560		Assimilatory nitrate reductase
PA14_42220		Sensor domain containing protein
PA14_46660		RNA polymerase ECF subfamily sigma 70 factor
PA14_53980		Hypothetical
PA14_69040		5-Formyltetrahydrofolate cyclo-ligase
PA14_16190		Hypothetical

(C)

Gene Number	Gene Name	Gene Function
PA14_00980 *	<i>fha1</i>	Type VI secretion
PA14_11100 *	<i>cupB5</i>	Adhesive protein
PA14_15200 *		Hypothetical
PA14_23460	<i>orfN</i>	Group 4 glycosyl transferase
PA14_29520		Type II secretion
PA14_42600	<i>pscP</i>	Translocation protein in type III secretion
PA14_52250		Two component response regulator
PA14_54750		Hypothetical
PA14_69760		Fimbrial protein
PA14_70580 *		Hypothetical

(D)

Gene Number	Gene Name	Gene Function
PA14_01970		RND efflux transporter
PA14_04440		Hypothetical
PA14_05300		TonB domain containing protein
PA14_09400	<i>phzS</i>	Hypothetical
PA14_12420		
PA14_37900 *	<i>sppR</i>	TonB dependent receptor
PA14_46660 *		RNAP ECF subfamily σ 70 factor
PA14_44300 *	<i>aer</i>	Aerotaxis receptor

Supplementary Figure 4; Insertion/Deletions and premature stop codons (highlighted in grey) in coding regions in (A) All three pigmented derivatives (B) Brown pigmented derivative (C) Yellow pigmented derivative and (D) Red pigmented derivative.