

<b>Proteins</b>	<b>Gene name</b>	<b>Description</b>
PA14_13940		S-type pyocin protein
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PA14_27500		aminotransferase
PA14_27500		aminotransferase
PA14_30150	mnmA	tRNA-specific 2-thiouridylase MnmA
PA14_46750		hypothetical protein
PA14_49390	rrmA	rRNA methyltransferase
PA14_50540	livM	leucine/isoleucine/valine transporter permease subunit
PA14_60420	proB	gamma-glutamyl kinase
PA14_66640	pilO	type 4 fimbrial biogenesis protein PilO
PA14_66640	pilO	type 4 fimbrial biogenesis protein PilO
PA14_67110		prolyl aminopeptidase

List of proteins with detected +2frameshift C-terminal readthrough events only in at least two

Detected peptide sequence	Stopp codon	Score
ATIEVVSIATK	TAA	193
IEGFIWHK	TAA	87
DAAGGIIIIYQAFPRK	TAA	116
TAIYVEDIIGREAPDEFGIPSK	TAA	116
IARTGQISEAPIGCMIGSIIARNPASTIDVYGGDSINIRDGFK	TGA	74
APDIRIIEIETSTATVAIAAEAHGVEPGRIAK	TGA	45
DAEHAAVAAWIEQAIGPCGPWQEHGQTIK	TGA	60
TTVFNCITGFYQPTGGIIRIDGEEIQGIPGHK	TGA	65
IVVEAFDDPK	TGA	118
FQPYEAFTYSASNIRSPFQPPVK	TGA	57
GNIEPIPK	TGA	122
IINYRVFGDDEGK	TGA	87

of three replicates of the PA14 *tn<sub>prnC</sub>* mutant complemented with the pUCP20::EV and no readthrough

h events in all replicates of the PA14 *tnprmC* mutant complemented with the pUCP20::*prmC* . Peptid

es were detected by mass spectrometry based analysis. Score = Andromeda peptide ion score.