

**Supplementary Table S1. List of primers used in this study**

Primer name	Primer Sequence	Gene Target
AlgDProFor	GAA TTG GCT TGA GGC TCG CAA CTG AC	<i>algD</i>
AlgDProREV	GCA GCA ACA CCT CGC AAG TGC GAA TT	<i>algD</i>
AlgDextFor	CAG GCT GCA AGC TCA TTG T	<i>algD</i>
AlgDextRev	AAT CGT CAG ACA GGA GTA GT	<i>algD</i>
HlyDKOfor	GAC TGG CAC CAT TGT TGA TG	<i>hlyD</i>
HlyDKOrev	ATC TTT TGA TCG GCT TGC TG	<i>hlyD</i>
hlyIIIKOfor	TGC GAT TTG GTT ATT GGT GA	<i>hlyIII</i>
hlyIIIKOrev	TTC GGA ACG GGG TTT TAT CT	<i>hlyIII</i>
T3	AAT TAA CCC TCA CTA AAG GG	piJ3200 MCS*
T7	TAA TAC GAC TCA CTA TAG GG	piJ3200 MCS
PilJKO_For	CCG TGA CGG CTT CTG TTA CCG	<i>pilJ</i>
PilJKO_Rev	CTC ACC CAA GCG TTT GAT GCG	<i>pilJ</i>
pLAFR3Forint	GAG TTA GCT CAC TCA TTA GGC	pLAFR3 MCS
pLAFR3IntRev	TGT AAA ACG ACG GCC AGT GCC	pLAFR3 MCS
Primer0372_For2	GCG GCA ATG AGG ACG TCC GAC TGA GAT GGT CAG CCC GAT CC	PSPTO_0373
Primer0372_For2	GCG GCA ATG AGG ACG TCC GAC TGA GAT GGT CAG CCC GAT CC	PSPTO_0373
PSPTO0373for	TGC GTT ACC ACT ACG ACA GC	PSPTO_0373
PSPTO0373rev	ACT CAA AGC CCA GCT GAT TG	PSPTO_0373
M13 rev (-29)	CAG GAA ACA GCT ATG ACC	Universal Primer
M13 uni (-21)	TGT AAA ACG ACG GCC AGT	Universal Primer

\*MCS – Multiple Cloning Site

**Supplementary Table S2. Summary of best hits and identified gene regions from the RVA using *Pto* as a reference.**

Gene ID	Gene Description	Additional Information	GOT	Found in other RVA screenings	
				<i>Pph</i>	<i>Pae</i>
PSPTO 3616	Hypothetical Protein (Conserved Hypothetical Protein)	putative peptidase	nGOT		
PSPTO 3617	transcriptional regulator, MarR family		nGOT		
PSPTO 3618	membrane protein, putative	fusaric acid resistance protein region	nGOT		
PSPTO 3619	membrane protein, putative	Unknown function	nGOT		
PSPTO 3620	HlyD family secretion protein	HlyD, a member of the membrane fusion protein family	nGOT		
PSPTO 3621	outer membrane efflux protein	NodT family outer membrane efflux lipoprotein	nGOT		

<b>PSPTO 3622</b>	Hypothetical Protein	Unknown	nGOT		
<b>PSPTO 3623</b>	Hypothetical Protein	Unknown	nGOT		
<b>PSPTO 3624</b>	iron transport protein, putative	ion transport protein, putative	nGOT		
<b>PSPTO 3625</b>	lipoprotein, putative	sulfate ABC transporter, periplasmic sulfate-binding protein	nGOT		
<b>PSPTO 0373</b>	RhsD	Rhs family protein	nGOT/aGOT	+	
<b>PSPTO 5414</b>	lipoprotein, putative	Unknown	nGOT		
<b>PSPTO 5415</b>	Rhs element Vgr protein		nGOT		
<b>PSPTO 5416</b>	serine/threonine protein kinase, putative		nGOT		
<b>PSPTO 5417</b>	serine/threonine phosphoprotein phosphatase		nGOT		
<b>PSPTO 5418</b>	conserved hypothetical protein	type VI secretion protein VasK	nGOT	+	+
<b>PSPTO 5419</b>	conserved hypothetical protein	putative type VI secretion protein VasF	nGOT	+	+
<b>PSPTO 5420</b>	conserved hypothetical protein	putative type VI secretion protein VasE	nGOT	+	+
<b>PSPTO 5421</b>	lipoprotein, putative	putative type VI secretion protein VasD	nGOT	+	+
<b>PSPTO 5422</b>	FHA domain protein	type VI secretion system FHA domain	nGOT	+	+
<b>PSPTO 5424</b>	sigma-54 dependent transcriptional regulator	Fis family transcriptional regulator	nGOT	+	+
<b>PSPTO 5425</b>	ClpB protein, putative	type VI secretion system ClpB chaperone	nGOT	+	+
<b>PSPTO 5426</b>	conserved hypothetical protein	putative type VI secretion protein VasG	nGOT	+	+
<b>PSPTO 5427</b>	conserved hypothetical protein	type VI secretion protein, family VasA	nGOT	+	+
<b>PSPTO 5428</b>	ISP5 Transposase		nGOT		
<b>PSPTO 5429</b>	Hypothetical Protein	type VI secretion system protein vasH	nGOT	+	+
<b>PSPTO 5430</b>	Hypothetical Protein	PAAR	nGOT	+	+
<b>PSPTO 5431</b>	Hypothetical Protein	type VI secretion system lysozyme-related	nGOT	+	+
<b>PSPTO 5432</b>	Hypothetical Protein	Putative type VI secretion protein VasR	nGOT	+	+
<b>PSPTO 5433</b>	Hypothetical Protein	Putative type VI secretion protein VasQ	nGOT	+	+
<b>PSPTO 5434</b>	Conserved hypothetical protein	Putative type VI secretion protein VasJ	nGOT	+	+
<b>PSPTO 5435</b>	Secreted protein Hcp	secreted protein Hcp	nGOT	+	+
<b>PSPTO 5436</b>	Rhs element Vgr protein	Rhs element Vgr protein	nGOT	+	+
<b>PSPTO 5437</b>	Hypothetical Protein	Hypothetical Protein	nGOT	+	+
<b>PSPTO 5438</b>	Rhs family protein	Rhs family protein	nGOT	+	+
<b>pvsA</b>	pyoverdine chromophore precursor synthetase		nGOT		

<b>daT</b>	2,4-diaminobutyrate 4-transaminase		nGOT		
<b>PSPTO 2137</b>	MbtH-like protein		nGOT		
<b>PSPTO 2138</b>	ABC transporter, periplasmic substrate-binding protein, putative		nGOT		
<b>PSPTO 2139</b>	cation ABC transporter, permease protein		nGOT		
<b>PSPTO 2140</b>	cation ABC transporter, ATP-binding protein		nGOT		
<b>PSPTO 2141</b>	cation ABC transporter, periplasmic cation-binding protein		nGOT		
<b>PSPTO 2142</b>	conserved hypothetical protein		nGOT		
<b>PSPTO 2143</b>	conserved hypothetical protein		nGOT		
<b>PSPTO 2144</b>	conserved hypothetical protein		nGOT		
<b>PSPTO 2145</b>	iron-regulated membrane protein, putative		nGOT		
<b>PSPTO 2146</b>	pyoverdine biosynthesis regulatory gene, putative		nGOT		
<b>PSPTO 2147</b>	pyoverdine sidechain peptide synthetase I, epsilon-Lys module		nGOT		
<b>PSPTO 2148</b>	pyoverdine sidechain peptide synthetase II, D-Asp-L-Thr component		nGOT		
<b>PSPTO 2149</b>	pyoverdine sidechain peptide synthetase III, L-Thr-L-Ser component		nGOT		
<b>PSPTO 2150</b>	pyoverdine sidechain peptide synthetase IV, D-Asp-L-Ser component		nGOT		
<b>PSPTO 2151</b>	TonB-dependent siderophore receptor, putative		nGOT		
<b>PSPTO 2152</b>	TonB-dependent siderophore receptor, putative		nGOT		
<b>PSPTO_4339</b>	fumarate hydratase, class I, putative		nGOT		
<b>PSPTO_4340</b>	insecticidal toxin protein, putative	TccC3	nGOT	+	+
<b>PSPTO_4341</b>	insecticidal toxin protein, putative		nGOT	+	+
<b>PSPTO_4342</b>	insecticidal toxin protein, putative	TccB2	nGOT	+	+
<b>PSPTO_4343</b>	insecticidal toxin protein, putative	virulence B protein (similar to TccA <i>Photorhabdus</i> )	nGOT		
<b>PSPTO_4344</b>	insecticidal toxin protein, putative	TccC3	nGOT	+	+
<b>PYK</b>	pyk pyruvate kinase		nGOT		
<b>PSTP_1961</b>	flagellum-specific ATP synthase FliI		nGOT	+	+

<b>PSPTO_1962</b>	flagellar protein FliJ, putative	nGOT	+	+
<b>PSPTO_1963</b>	STAS domain protein	nGOT	+	+
<b>PSPTO_1964</b>	response regulator	nGOT	+	+
<b>PSPTO_1965</b>	Hypothetical Proteint domain protein	nGOT	+	+
<b>FliK</b>	flagellar hook-length control protein FliK	nGOT	+	+
<b>PSPTO_1967</b>	hypothetical protein	nGOT	+	+
<b>PSPTO_1968</b>	flagellar protein FliL, putative	nGOT	+	+
<b>FliM</b>	flagellar motor switch protein FliM	nGOT/iGOT	+	+
<b>FliN</b>	flagellar motor switch protein FliN	nGOT/iGOT	+	+
<b>FliO</b>	flagellar protein FliO	nGOT/iGOT	+	+
<b>FliP</b>	flagellar protein FliP	nGOT/iGOT	+	+
<b>FliQ</b>	flagellar biosynthetic protein FliQ	nGOT/iGOT	+	+
<b>FliR</b>	fliR flagellar biosynthetic protein FliR	nGOT/iGOT	+	+
<b>FliB</b>	flhB flagellar biosynthetic protein FlhB	nGOT/iGOT	+	+
<b>FliA</b>	flhA flagellar biosynthetic protein FlhA	nGOT/iGOT	+	+
<b>FliF</b>	flhF flagellar biosynthetic protein FlhF	nGOT/iGOT	+	+
<b>FleN</b>	fleN flagellar synthesis regulator FleN	nGOT/iGOT	+	+
<b>FliA</b>	fliA motility sigma factor FliA	nGOT/iGOT	+	+
<b>PSPTO_0809</b>	hydroxymethylbutenyl pyrophosphate reductase	nGOT/aGOT	+	
<b>PSPTO_0810</b>	type IV pilus biogenesis protein	nGOT/aGOT	+	
<b>PSPTO_0811</b>	pillin, putative	nGOT/aGOT	+	
<b>PSPTO_0812</b>	hypothetical protein	nGOT/aGOT	+	
<b>PSPTO_0813</b>	hypothetical protein	nGOT/aGOT	+	
<b>PSPTO_0814</b>	conserved hypothetical protein	nGOT/aGOT	+	
<b>PSPTO_0815</b>	type IV pilus-associated protein, putative	nGOT/aGOT	+	
<b>PSPTO_0816</b>	type IV pilus biogenesis protein	nGOT/aGOT	+	
<b>PSPTO_0817</b>	oxidoreductase, FAD-binding	nGOT/aGOT	+	
<b>PSPTO_0818</b>	transcriptional regulator, MarR family	nGOT/aGOT	+	
<b>PSPTO_0819</b>	conserved hypothetical protein	nGOT/aGOT	+	
<b>PSPTO_0820</b>	AcrB/AcrD/AcrF family protein	nGOT/aGOT	+	

<b>PSPTO_0821</b>	efflux transporter, RND family, MFP subunit	nGOT/aGOT	+
<b>PSPTO_0822</b>	transcriptional regulator, TetR family	nGOT/aGOT	+
<b>PSPTO_0823</b>	4 fimbriae expression regulatory protein pilR	nGOT/aGOT	+
<b>PSPTO_0824</b>	sensor protein PilS	nGOT/aGOT	+
<b>PSPTO_0825</b>	conserved hypothetical protein	nGOT/aGOT	+
<b>PSPTO_0826</b>	competence lipoprotein ComL, putative	nGOT/aGOT	+
<b>PSPTO_1170</b>	conserved hypothetical protein	nGOT	
<b>pta</b>	phosphate acetyltransferase	nGOT	
<b>PSPTO_1171</b>	peptidyl-prolyl cis-trans isomerase, FKMBP-type	nGOT	
<b>PSPTO_1172</b>	Glutathione peroxidase family protein	nGOT	
<b>PSPTO_1173</b>	oxidoreductase, FAD/FMN-binding	nGOT	
<b>PSPTO1174</b>	glycosyl transferase, group 1 family protein	nGOT	
<b>PSPTO1175</b>	Membrane protein, putative	nGOT	
<b>PSPTO_1176</b>	conserved domain protein	nGOT	
<b>cysZ</b>	cysZ protein	nGOT	
<b>trxB</b>	Thioredoxin reductase	nGOT	
<b>hopJ1</b>	type III effector HopJ1	nGOT	+
<b>folB-2</b>	folB-2 dihydroneopterin aldolase	nGOT	
<b>folE-1 GTP</b>	folE-1 GTP cyclohydrolase I	nGOT	
<b>PSPTO_1183</b>	oxidoreductase, short chain dehydrogenase/reductase family	nGOT	
<b>PSPTO_1186</b>	Flavodoxin	nGOT	
<b>PSPTO_2099</b>	helicase/SNF2 family domain protein	nGOT	
<b>PSPTO_2098</b>	isochorismatase family protein	nGOT	
<b>PSPTO_2097</b>	oxidoreductase, short chain dehydrogenase/reductase family	nGOT	
<b>PSPTO_2096</b>	hypothetical protein	nGOT	
<b>PSPTO_2095</b>	conserved domain protein	nGOT	
<b>PSPTO_2093</b>	lysozyme, putative	nGOT	
<b>PSPTO_2092</b>	tail fiber domain protein	nGOT	
<b>PSPTO_2091</b>	conserved domain protein	nGOT	
<b>PSPTO_2090</b>	hypothetical protein	nGOT	

<b>PSPTO_2089</b>	host specificity protein J, internal deletion		nGOT		
<b>PSPTO_2088</b>	conserved hypothetical protein		nGOT		
<b>PSPTO_2083 to PSPTO_2087</b>	hypothetical protein		nGOT		
<b>PSPTO_2082</b>	tail length tape measure protein, internal deletion		nGOT		
<b>PSPTO_3565</b>	gluconate permease		nGOT/iGOT		
<b>PSPTO_3564</b>	Gluconokinase		nGOT/iGOT		
<b>PSPTO_3563</b>	gluconate utilization system GNT-I transcriptional repressor		nGOT/iGOT		
<b>PSPTO_3561</b>	WD40 Superfamily Hypothetical Protein		nGOT/iGOT		
<b>PSPTO_3560</b>	GDA1/CD39 family protein		nGOT/iGOT		
<b>PSPTO 3555 to PSPTO3559</b>	<i>glc</i> genes biosynthesis cluster	Oxalate product from Glycolate biosynthesis toxic for <i>C.elegans</i>	nGOT/iGOT	+	+
<b>PSPTO 3350 to PSPTO3555</b>	Melanin biosynthesis cluster	Gene to product Homogentisate Melain precursor	nGOT/iGOT		
<b>PSPTO 3548</b>	Hypothetical Protein (Conserved Hypothetical Prot)	B lactamase superfamily	nGOT/iGOT		
<b>PSPTO 3547</b>	Transcript Regulator LysR family		nGOT/iGOT		
<b>PSPTO_3544</b>	Hypothetical Protein (Conserved HypotheticalProt)	Probably thirosine kinase fam	nGOT/iGOT		
<b>PSPTO_3543</b>	Hypothetical Protein (Conserved HypotheticalProt)	Unknown	nGOT/iGOT		
<b>PSPTO_3542</b>	Hypothetical Protein (Conserved HypotheticalProt)	Unknown	nGOT/iGOT		
<b>PSPTO_3539</b>	<i>mivN</i>	<i>Virulence gene in Salmonella and E. coli</i>	nGOT/iGOT		
<b>PSPTO_3538</b>	CHypothetical Protein (Conserved HypotheticalProt)	bacterial transferase, hexapeptide repeat protein	nGOT/iGOT		
<b>PSPTO_3537</b>	<i>pslK</i>	Exopolysaccharide biosynthesis and biofilm formation in <i>P. aeruginosa</i>	nGOT/iGOT	+	+
<b>PSPTO_3536</b>	<i>pslJ</i>	Exopolysaccharide biosynthesis and biofilm formation in <i>P. aeruginosa</i>	nGOT/iGOT	+	+
<b>PSPTO_3535</b>	<i>pslH</i>	Exopolysaccharide biosynthesis and biofilm formation in <i>P. aeruginosa</i>	nGOT/iGOT	+	+
<b>PSPTO_3534</b>	<i>pslG</i>	Exopolysaccharide biosynthesis and biofilm formation in <i>P. aeruginosa</i>	nGOT/iGOT	+	+
<b>PSPTO_3533</b>	<i>pslF</i>	Exopolysaccharide biosynthesis and biofilm formation in <i>P. aeruginosa</i>	nGOT/iGOT	+	+
<b>PSPTO_3532</b>	<i>pslE</i>	Exopolysaccharide biosynthesis and biofilm formation in <i>P. aeruginosa</i>	nGOT/iGOT	+	+

<b>PSPTO_3531</b>	<i>pslC</i>	Exopolysaccharide biosynthesis and biofilm formation in <i>P. aeruginosa</i>	nGOT/iGOT	+	+
<b>PSPTO_3530</b>	<i>pslB</i>	Exopolysaccharide biosynthesis and biofilm formation in <i>P. aeruginosa</i>	nGOT/iGOT	+	+
<b>PSPTO_3529</b>	<i>pslA</i>	Exopolysaccharide biosynthesis and biofilm formation in <i>P. aeruginosa</i>	nGOT/iGOT	+	+
<b>PSPTO_1563</b>	<i>pcM</i>	protein-L-isoaspartate O-methyltransferase	nGOT/iGOT		
<b>PSPTO_1562</b>	<i>surE</i>	stationary-phase survival protein SurE	nGOT/iGOT		
<b>PSPTO_1561</b>	Hypothetical Protein	tRNA pseudouridine synthase D	nGOT/iGOT	+	+
<b>PSPTO_1560</b>	<i>ispF</i>	2C-methyl-D-erythritol 2,4-cyclodiphosphate	nGOT/iGOT		
<b>PSPTO_1559</b>	Hypothetical Protein	Esterase	nGOT/iGOT		
<b>PSPTO_1558</b>	<i>adc</i>	OH dehydrogenase	nGOT/iGOT		
<b>PSPTO_1557</b>	transcriptional regulator, LysR family		nGOT/iGOT		
<b>PSPTO_1556</b>	<i>ispD</i>	4-diphosphocytidyl-2C-methyl-D-erythritol synthase	nGOT/iGOT		
<b>PSPTO_1555</b>	Hypothetical Protein	cell division protein FtsB	nGOT/iGOT		
<b>PSPTO_1554</b>	<i>eno</i>	enolase	nGOT/iGOT		
<b>PSPTO_1553</b>	<i>kdsa</i>	2-dehydro-3-deoxyphosphooctonate aldolase	nGOT/iGOT		
<b>PSPTO_1552</b>	<i>pyrG</i>	CTP synthase	nGOT/iGOT		
<b>PSPTO_1551</b>	PSPTO_1551	cell cycle protein mesJ, putative	nGOT/iGOT		
<b>PSPTO_1550</b>	<i>accA</i>	acetyl-CoA carboxylase, carboxyl transferase, alpha subunit	nGOT/iGOT		
<b>PSPTO_1549</b>	<i>dnaE</i>	DNA polymerase III, alpha subunit	nGOT/iGOT		
<b>PSPTO_1548</b>	<i>rnhB</i>	ribonuclease HII	nGOT/iGOT		
<b>PSPTO_1547</b>	<i>lpxB</i>	lipid A disaccharide synthase	nGOT/iGOT		
<b>PSPTO_1546</b>	<i>lpxA</i>	acyl-[acyl-carrier-protein]-UDP-N-acetylglucosamine O-acyltransferase	nGOT/iGOT		
<b>PSPTO_1545</b>	<i>fabZ</i>	beta-hydroxyacyl-(acyl-carrier-protein) dehydratase FabZ	nGOT/iGOT		
<b>PSPTO_1544</b>	<i>ipxD</i>	UDP-3-O-[3-hydroxymyristoyl] glucosamine N-acyltransferase	nGOT/iGOT		
<b>PSPTO_1543</b>	PSPTO_1543	outer membrane protein OmpH, putative	nGOT/iGOT	+	+
<b>PSPTO_1542</b>	PSPTO_1542	outer membrane protein	nGOT/iGOT	+	+
<b>PSPTO_1541</b>	PSPTO_1541	membrane-associated zinc metalloprotease, putative	nGOT/iGOT		
<b>PSPTO_1540</b>	<i>dxr</i>	1-deoxy-D-xylulose 5-phosphate reductoisomerase	nGOT/iGOT		

<b>PSPTO_1539</b>	<i>cds</i>	phosphatidate cytidyltransferase	nGOT/iGOT		
<b>PSPTO_1538</b>	<i>upps</i>	undecaprenyl diphosphate synthase	nGOT/iGOT		
<b>PSPTO_1537</b>	<i>frr</i>	ribosome recycling factor	nGOT/iGOT		
<b>PSPTO_1536</b>	<i>pyrH</i>	uridylate kinase	nGOT/iGOT		
<b>PSPTO_1535</b>	<i>tsf</i>	translation elongation factor Ts	nGOT/iGOT		
<b>PSPTO_1534</b>	<i>rpsB</i>	ribosomal protein S2	nGOT/iGOT		
<b>PSPTO_3611</b>	ISPsy5		nGOT/aGOT		
<b>PSPTO_3612</b>	ISPsy5		nGOT/aGOT		
<b>PSPTO_3613</b>	ISPsy5		nGOT/aGOT		
<b>PSPTO_3615</b>	site-specific recombinase, phage integrase family		nGOT/aGOT		
<b>PSPTO_3616</b>	Hypothetical Protein	putative peptidase	nGOT/aGOT		
<b>PSPTO_3617</b>	transcriptional regulator, MarR family		nGOT/aGOT		
<b>PSPTO_3619</b>	Membrane protein, putative	fusaric acid resistance protein region	nGOT/aGOT		
<b>PSPTO_3620</b>	HlyD family secretion protein		nGOT/aGOT		
<b>PSPTO_3621</b>	outer membrane efflux protein	NodT family outer membrane efflux lipoprotei	nGOT/aGOT		
<b>PSPTO_3622</b>	Hypothetical Protein	Unknown	nGOT/aGOT		
<b>PSPTO_3623</b>	Hypothetical Protein	Unknown	nGOT/aGOT		
<b>PSPTO_3624</b>	ion transport protein, putative	ion transport protein, putative	nGOT/aGOT		
<b>PSPTO_3625</b>	lipoprotein, putative	sulfate ABC transporter, periplasmic sulfate-binding protein	nGOT/aGOT		
<b>PSPTO_5191</b>	AcrB/AcrD/AcrF family protein		nGOT/aGOT		
<b>PSPTO_5192</b>	efflux transporter, RND family, MFP subunit		nGOT/aGOT		
<b>PSPTO_5194</b>	conserved domain protein	Rhs family protein [ <i>Yersinia intermedia</i> ATCC 29909	nGOT/aGOT	+	+
<b>PSPTO_5195</b>	ABC transporter, periplasmic substrate-binding protein		nGOT/aGOT		
<b>PSPTO_5196</b>	ABC transporter, permease protein		nGOT/aGOT		
<b>PSPTO_5197</b>	ABC transporter, ATP-binding protein		nGOT/aGOT		
<b>PSPTO_5198</b>	dioxygenase, TauD/TfdA family		nGOT/aGOT		
<b>PSPTO_5199</b>	Hypothetical Protein	Hypothetical Protein	nGOT/aGOT		
<b>PSPTO_5200</b>	autotransporter, putative		nGOT/aGOT		
<b>PSPTO_5202</b>	Hypothetical Protein	enhanced entry protein EnhC [ <i>Legionella pneumophila</i> str. Paris] 30%	nGOT/aGOT	+	+



<b>PSPTO_5203</b>	Hypothetical Protein	EF hand domain-containing protein	nGOT/aGOT	+	+
<b>PSPTO_5204</b>	EF hand domain protein	EF hand domain protein	nGOT/aGOT	+	+
<b>PSPTO_5205</b>	Hypothetical Protein	EF hand domain protein	nGOT/aGOT	+	+
<b>PSPTO_5206</b>	EF hand domain protein	EF hand domain protein	nGOT/aGOT	+	+
<b>PSPTO_5207</b>	Hypothetical Protein	Secreted UNKNOW FUNCTION	nGOT/aGOT	+	+
<b>PSPTO_5208</b>	Hypothetical Protein	EF hand domain protein	nGOT/aGOT	+	+
<b>PSPTO_5209</b>	Hypothetical Protein	EF hand domain protein	nGOT/aGOT	+	+
<b>PSPTO_5210</b>	EF hand domain protein	EF hand domain protein	nGOT/aGOT	+	+
<b>PSPTO_5211</b>	Hypothetical Protein	putative secreted protein Unknown FUNCTION	nGOT/aGOT	+	+
<b>PSPTO_5212</b>	ISPsy5, transposase		nGOT/aGOT		
<b>PSPTO_5213</b>	ISPsy5, Orf1		nGOT/aGOT		
<b>PSPTO_5214</b>	ISPsy5, Orf1		nGOT/aGOT		
<b>PSPTO_5215</b>	ISPsy5, transposase		nGOT/aGOT		
<b>PSPTO_1493</b>	methyl-accepting chemotaxis protein	methyl-accepting chemotaxis protein	nGOT/aGOT	+	
<b>PSPTO_1494</b>	CheW domain protein	CheW domain protein	nGOT/aGOT	+	
<b>PSPTO_1495</b>	chemotaxis protein methyltransferase CheR, putative	chemotaxis protein methyltransferase CheR, putative	nGOT/aGOT	+	
<b>PSPTO_1496</b>	CheW domain protein	CheW domain protein	nGOT/aGOT	+	
<b>PSPTO_1497</b>	sensor histidine kinase/response regulator	sensor histidine kinase/response regulator	nGOT/aGOT	+	
<b>PSPTO_1498</b>	protein-glutamate methylesterase CheB	protein-glutamate methylesterase CheB	nGOT/aGOT	+	