




Gene.ID	Name	S29-2004	S41-2004	D34-2005	NL38-2004	NL40-2004	AR001-2005	AR004-2005	DZ002-2003	DZ003-2004	RUS45-1999	RUS54-1999	Functionnal description	
		α	β	γ	α	β	β	β	β	β	α	β		
RD-1	BP0910	transposase											transposase for IS481 element	
	BP0911	unknown											putative decarboxylase	
	BP0912	unknown											LysR-family transcriptional regulator (Pseudogene)	
	BP0913	unknown											putative exported protein	
	BP0914	unknown											probable inner membrane component of binding-protein-dependent transport system	
	BP0915	unknown											probable inner membrane component of binding-protein-dependent transport system	
	BP0916	unknown											putative ATP-binding protein of a transporter (Pseudogene)	
	BP0918	unknown											conserved hypothetical protein	
	BP0919	gabD												putative succinate-semialdehyde dehydrogenase [NADP+]
	BP0920	unknown											putative exported protein	
	BP0921	citB												citrate utilization protein B
	BP0922	unknown												conserved hypothetical protein
	BP0923	unknown												conserved hypothetical protein
	BP0924	unknown												putative transcriptional regulator
	BP0925	unknown												putative fumarylacetoacetate-family hydrolase
	BP0926	unknown												conserved hypothetical protein
	BP0928	unknown												LysR-type transcriptional regulator
	BP0929	unknown												putative membrane protein
	BP0930	unknown												putative CoA ligase
	BP0931	unknown												putative exported protein
BP0932	unknown												conserved hypothetical protein	
BP0933	unknown												conserved hypothetical protein (Pseudogene)	
BP0934	unknown												hypothetical protein	
BP0938	transposase												transposase for IS481 element	
RD-2	BP1134	transposase											transposase for IS481 element	
	BP1135	tauD											alpha-ketoglutarate-dependent taurine dioxygenase	
	BP1136	fecI (ECF1)											ECF-family sigma factor	
	BP1137	fecR											putative signal transduction protein	
	BP1138	bfrH											putative ferric siderophore receptor	
	BP1139	unknown											putative iron uptake protein	
	BP1140	unknown											putative iron uptake protein (Pseudogene)	
	BP1141	unknown											putative iron uptake protein	
BP1142	transposase											transposase for IS481 element		

PCR validations for RD1 and RD2 for *B. pertussis* foreign isolates

- absent
- present

Validation	Target gene	<i>B. pertussis</i> isolates																				<i>Bpp</i> isolates				<i>Bb</i> isolates							
		Tohamal Cjp8132	FIN4-1982	FIN7-1992	HAV-1993	RN22-1993	RN44-1993	FR 0287-1996	FR 0307-1996	FR 0371-1997	FR 0743-1999	FR 0844-1999	FIN6=PRCB305-1999	FIN9=PRCB291-1999	FIN12=PRCB309-2000	FR3021-2003	FR 3080-2004	FR3126-2004	FR3207-2004	PRCB486-2004	PRCB492-2004	FR3279-2005	FR3407-2005	FR 3713-2007	Bpp12822	FR 3002-2003	FR3085-2004	FR 3222-2004	FR 3286-2005	Bb RB50	FR3325-2005	FR3649-2007	
RD11	BPP0533	absent	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present
RD12	BPP0825	absent	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present
RD13	BPP0944-BPP0945	absent	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present
RD14	BPP4297	absent	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present

PCR validations for RD11, RD12, RD13 and RD14

-  absent
-  present
-  isolates used for the run 454 GS-FLX