

**Table S1**

Origin of included clinical isolates (N=102) and species distribution at the different sites. Comparison of historical phenotypic identification with 16S rRNA gene sequencing results.

Species identification by 16S rRNA gene sequencing	Number	Origin of clinical isolates								Phenotypic identification		
		Abdomen	Blood	Ear and sinus	Femal genital system	Oro-pharynx	Respiratory tract	Wounds	Miscellaneous	Concordant with 16S rRNA gene sequencing	Incomplete phenotypic or 16s rRNA sequencing results	Discordant with 16S rRNA gene sequencing
<i>P. baroniae</i>	3	-	-	-	-	2	-	-	1	-	3 ( <i>P.oralis/baroniae</i> )	-
<i>P. bergensis</i>	2	-	-	-	-	-	-	1	1	-	2 ( <i>Prevotella</i> species)	-
<i>P. bivia</i>	23	6	-	3	5	-	-	8	1	21	-	2 ( <i>P. tannerae</i> )
<i>P. buccae</i>	10	6	1	1	-	-	2	-	-	10	-	-
<i>P. buccalis</i>	3	-	-	1	-	-	-	2	-	1	1 ( <i>Prevotella</i> species)	1 ( <i>P. buccae</i> )
<i>P. corporis</i>	3	2	-	-	-	-	-	1	-	1	-	2 (1 <i>P. tannerae</i> and 1 <i>P. intermedia/nigrescens</i> )
<i>P. denticola</i>	9	5	1	1	1	-	1	-	-	1	3 ( <i>P.melaninogenica/denticola</i> )	5 (4 <i>P. melaninogenica</i> and 1 <i>P. buccalis</i> )
<i>P. disiens</i>	7	3	-	1	-	1	-	2	-	-	7 ( <i>P. disiens/marshii</i> )	-
<i>P. heparinolytica</i>	3	-	1	-	-	1	-	1	-	3	-	-
<i>P. histicola</i>	3	-	-	-	-	2	1	-	-	-	-	3 ( <i>P. melaninogenica</i> )
<i>P. intermedia</i>	3	1	-	-	-	-	-	2	-	-	3 ( <i>P. intermedia/nigrescens</i> )	-
<i>P. loescheii</i>	1	-	-	-	-	1	-	-	-	-	1 ( <i>Prevotella</i> species)	-
<i>P. melaninogenica</i>	8	1	-	3	1	1	-	2	-	5	1 ( <i>P. melaninogenica/denticola</i> )	2 ( <i>P. tannerae</i> )
<i>P. nanceiensis</i>	9	2	1	2	-	-	2	1	1	-	8 (5 <i>P. melaninogenica/denticola</i> and 3 <i>Prevotella</i> species)	1 ( <i>P. tannerae</i> )
<i>P. nigrescens</i>	2	-	1	-	-	1	-	-	-	-	2 ( <i>P. intermedia/nigrescens</i> )	-
<i>P. oralis</i>	1	-	-	-	-	-	-	-	1	-	1 ( <i>P. oralis/baroniae</i> )	-
<i>P. oris</i>	3	1	-	1	-	-	-	-	1	-	3 (2 <i>P. oris/salivae</i> and 1 <i>P. oralis/baroniae</i> )	-
<i>P. salivae</i>	2	-	-	-	-	-	-	1	1	-	2 ( <i>P. oris/salivae</i> )	-
<i>P. timonensis</i>	2	2	-	-	-	-	-	-	-	-	2 ( <i>Prevotella</i> species)	-
<i>P. veroralis</i>	1	-	-	-	1	-	-	-	-	-	-	1 ( <i>P. melaninogenica</i> )
<i>Prevotella</i> species (“ <i>massiliensis</i> ”)	1	-	-	-	-	-	-	1	-	-	1 ( <i>Prevotella</i> species)	-

<i>Prevotella</i> species most closely related to <i>melaninogenica</i>	2	-	-	-	-	-	1	-	1	-	2 (1 <i>P. melaninogenica</i> and 1 <i>P. melaninogenica</i> group)	-
<i>Prevotella</i> species most closely related to <i>oralis</i>	1	-	-	-	-	1	-	-	-	-	1 ( <i>Prevotella</i> species)	-
	102	29	5	13	8	10	7	22	8	42	43	17
	100 %	28.4%	4.9%	12.7%	7.8%	9.8%	6.9%	21.6%	7.8%	41.2 %	42.2%	16.7%