

**Additional File 2. Table summarizing details of the *flaA*, *recA*, *pyrH*, *ppnK*, *dnaN*, *era* and *radC* gene homologues present in *Treponema pallidum* SS14 and *Treponema vincentii* LA-1 (ATCC 35580)**

<b>Gene homologue in <i>T. denticola</i> ATCC 35405</b>	<b>Gene homologue in <i>T. pallidum</i> SS14 (locus tag), chromosomal loci and gene length</b>	<b>Gene homologue in <i>T. vincentii</i> LA1 (locus tag), chromosomal loci and gene length</b>
<i>rrsA</i> (TDE_16SA)	<i>rrs1</i> (TPASS_r0001), 231345, 1495bp	<i>rrs</i> (TREVI0001_2671), 150, 1518bp
<i>rrsB</i> (TDE_16SB)	<i>rrs2</i> (TPASS_r0004), 279779, 1495bp	-
<i>dnaN</i> (TDE0231)	<i>dnaN</i> (TPASS_0002), 1641, 1116bp	<i>dnaN</i> (TREVI0001_1741), 53288, 1104bp
<i>recA</i> (TDE0872)	<i>recA</i> (TPASS_0692), 760177, 1224bp	<i>recA</i> (TREVI0001_1268), 159410, 1326bp
<i>radC</i> (TDE0973)	-	<i>radC</i> (TREVI0001_1068), 17857, 669bp
<i>ppnK</i> (TDE1591)	<i>ppnK</i> (TPASS_0441), 468479, 918bp	<i>ppnK</i> (TREVI0001_1223), 109263, 852bp
<i>flaA</i> (TDE1712)	<i>flaA1</i> (TPASS_0249), 262628, 1053bp	<i>flaA</i> (TREVI0001_1368), 12473, 1062bp
<i>era</i> (TDE1895)	<i>era</i> (TPASS_0541), 583621, 960bp	<i>era</i> (TREVI0001_1582), 114822, 675bp
<i>pyrH</i> (TDE2085)	<i>pyrH</i> (TPASS_0099), 107370, 756bp	<i>pyrH</i> (TREVI0001_1144), 26015, 687bp

(-) Indicates gene homologue is absent