

**Table S1. Assembly statistics of the ESM015 genome using HybriSPAdes according to the chosen kmer size.**

<b>kmer size</b>	<b>33.00</b>	<b>55.00</b>	<b>77.00</b>	<b>99.00</b>	<b>111.00</b>	<b>127 (max)</b>
<b>Nodes</b>	173.00	23.95	7.85	5.00	4.26	1.20
<b>Edges</b>	247.80	32.41	7.53	3.33	2.28	1.49
<b>Nodes N50</b>	11.91	35.45	21.81	25.59	26.98	38.96
<b>Dead ends</b>	1.32	2.08	4.94	5.18	5.19	216.00
<b>Total length</b>	48,008,731	44,617,540	43,855,902	43,745,468	43,705,496	43,431,403