

**Table S2.** Summary of different Cq assembly versions

<b>v0.1</b>	<b>Scaffold</b>		<b>Contig</b>	
	<b>Size (bp)</b>	<b>Number</b>	<b>Size (bp)</b>	<b>Number</b>
<b>N90</b>	284	444,927	269	482,414
<b>N80</b>	736	92,438	667	126,648
<b>N70</b>	13,363	18,162	6,374	34,478
<b>N60</b>	32,172	11,290	16,613	21,015
<b>N50</b>	49,570	7,592	26,127	14,095
<b>Longest</b>	499,594	----	281,357	----
<b>Total Size</b>	1,490,886,271	----	1,450,125,437	----
<b>Total Number (≥100bp)</b>		1,142,478	----	1,165,224
<b>Total Number (≥2kb)</b>		33,071	----	52,781

  

<b>v0.2</b>	<b>Contig</b>	
	<b>Size (bp)</b>	<b>Number</b>
<b>N90</b>	14,775	14,393
<b>N80</b>	23,994	10,451
<b>N70</b>	33,267	7,801
<b>N60</b>	43,470	5,827
<b>N50</b>	53,964	4,281
<b>Longest</b>	365,916	----
<b>Total Size</b>	750,878,283	----
<b>Total Number (≥100bp)</b>	----	25,024
<b>Total Number (≥2kb)</b>	----	23,874

  

<b>v0.3</b>	<b>Scaffold</b>		<b>Contig</b>	
	<b>Size (bp)</b>	<b>Number</b>	<b>Size (bp)</b>	<b>Number</b>
<b>N90</b>	9,609	37,102	9,606	37,107
<b>N80</b>	13,389	24,304	13,388	24,306
<b>N70</b>	22,513	15,803	22,509	15,804
<b>N60</b>	36,585	10,814	36,582	10,815
<b>N50</b>	51,182	7,493	51,182	7,493
<b>Longest</b>	586,601	----	586,601	----
<b>Total Size</b>	1,439,881,532	----	1,439,878,528	----
<b>Total Number (≥100bp)</b>		59,594	----	59,618
<b>Total Number (≥2kb)</b>		58,870	----	58,881

  

<b>v1.0</b>	<b>Scaffold</b>		<b>Contig</b>	
	<b>Size (bp)</b>	<b>Number</b>	<b>Size (bp)</b>	<b>Number</b>
<b>N90</b>	422,582	1,087	75,678	5,001
<b>N80</b>	629,431	833	125,667	3,657
<b>N70</b>	810,545	647	172,908	2,761
<b>N60</b>	985,512	498	220,272	2,082
<b>N50</b>	1,161,829	373	268,320	1,536
<b>Longest</b>	5,397,643	----	1,594,973	----
<b>Total Size</b>	1,337,226,356	----	1,325,521,993	----
<b>Total Number (≥100bp)</b>		3,184		10,795
<b>Total Number (≥2kb)</b>		2,827		9,981