

Table S4

		Length	GC%	T142 Contigs	T142 Nucleotides	T142 Reads	T142 Approximate Coverage	T149 Contigs	T149 Nucleotide
Chromosome_final	Chromosome_draft	bp	%	#	bp	#		#	bp
chromosome_1	Bathy_chrom000	1 352 574	48.87%	557	845 991	17 094	63%	1 017	1 733 5
chromosome_2	Bathy_chrom001	1 122 692	48.55%	792	1 070 483	71 791	95%	839	1 557 7
chromosome_3	Bathy_chrom002	1 089 374	48.62%	536	837 337	23 794	77%	824	1 488 4
chromosome_4	Bathy_chrom003	1 037 991	48.29%	441	604 045	14 038	58%	723	1 161 0
chromosome_5a	Bathy_chrom012	550 167	48.34%	197	249 530	4 533	45%	372	662 1
chromosome_5b	Bathy_chrom016	467 783	48.58%	164	185 418	1 975	40%	371	610 3
chromosome_6	Bathy_chrom004	989 707	48.30%	505	769 365	17 703	78%	772	1 278 4
chromosome_7	Bathy_chrom005	955 054	48.42%	621	810 304	54 820	85%	729	1 204 8
chromosome_8	Bathy_chrom006	937 610	48.54%	390	523 141	10 784	56%	729	1 231 2
chromosome_9	Bathy_chrom007	895 347	48.51%	410	712 327	18 122	80%	650	1 117 4
chromosome_10	Bathy_chrom008	794 148	48.38%	413	634 920	20 988	80%	627	1 061 4
chromosome_11	Bathy_chrom009	741 502	48.62%	394	651 024	27 057	88%	478	798 3
chromosome_12a	Bathy_chrom019	201 229	47.52%	75	123 219	2 304	61%	149	228 4
chromosome_12b	Bathy_chrom014	511 334	48.55%	300	493 261	20 640	96%	438	747 3
chromosome_13	Bathy_chrom010	706 576	48.54%	609	687 835	95 748	97%	426	796 1
chromosome_14	Bathy_chrom011-50	662 304	42.24%	176	185 049	1 412	28%	344	477 9
chromosome_15	Bathy_chrom013	519 535	48.13%	205	340 695	6 691	66%	374	642 6
chromosome_16	Bathy_chrom015	481 036	48.08%	207	299 394	16 053	62%	358	644 6
chromosome_17	Bathy_chrom017-28	465 570	47.66%	232	370 091	15 314	79%	293	524 2
chromosome_18	Bathy_chrom018	310 170	46.97%	171	281 730	9 550	91%	218	332 1
chromosome_19	Bathy_chrom020	146 238	41.65%	9	4 926	22	3%	4	4 9
Chloroplast	Bathy_chrom021 – plastid	54 761	41.12%	2	621	4	1%	5	2 9
Mitochondrion	Bathy_chrom024 – mito	42 168	39.97%	18	17 326	157	41%	17	27 7
contigs_others	Bathy_chrom others	1 201 689		4	4 404	27	0%	31	36 3
	Total for Bathycoccus	16 236 559		7 428	10 702 436	450 621		10 788	18 370 7
	Total sample			23 187	22 907 873	633 780		34 839	34 947 6