

Table S1 Assembly statistics from *Megaselia* male genome assembly: Output from SOAPdenov2.

Assembly Statistics: *Megaselia* Male

Total Size (bp)	453444693
Scaffold Number	1755386
Mean Size	258
Median Size	183
Longest Sequence	11221
Shortest Sequence	100
Singleton Number	1755386

Scaffolds > Length (bp)	Number	Percentage
scaffolds>100	1743801	99.34%
scaffolds>500	156140	8.89%
scaffolds>1K	29777	1.70%
scaffolds>10K	2	0.00%
scaffolds>100K	0	0.00%
scaffolds>1M	0	0.00%

Length Quantiles	Length	Number
N10	978	31746
N20	643	90350
N30	476	173071
N40	368	281942
N50	292	420610
N60	236	593838
N70	193	806946
N80	160	1065221
N90	136	1373198

Nucleotide Content	Number	Percentage
Nucleotide A	153644768	33.88%
Nucleotide C	76208688	16.81%
Nucleotide G	74994329	16.54%
Nucleotide T	148596908	32.77%
GC Content	33.35%	