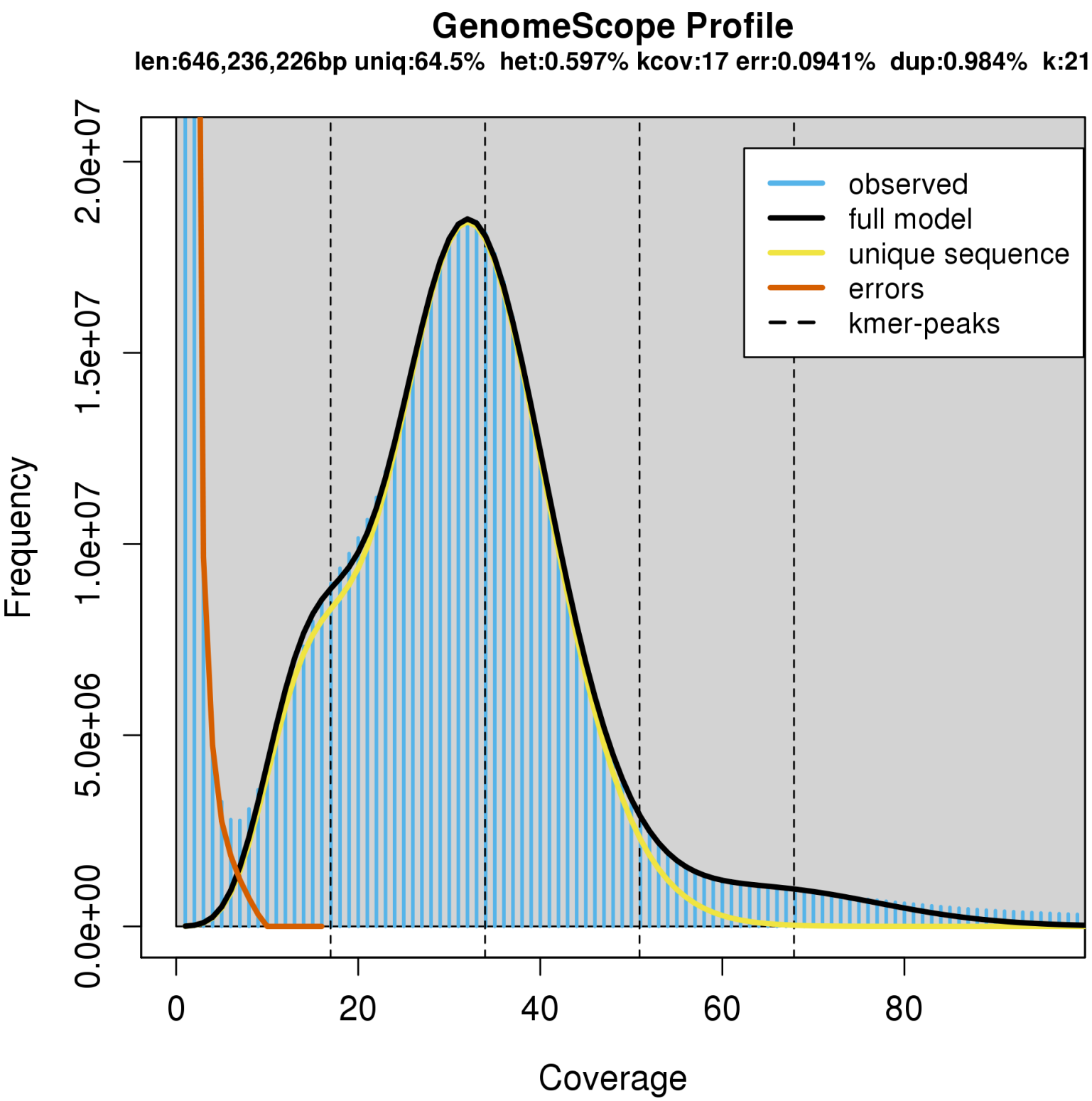
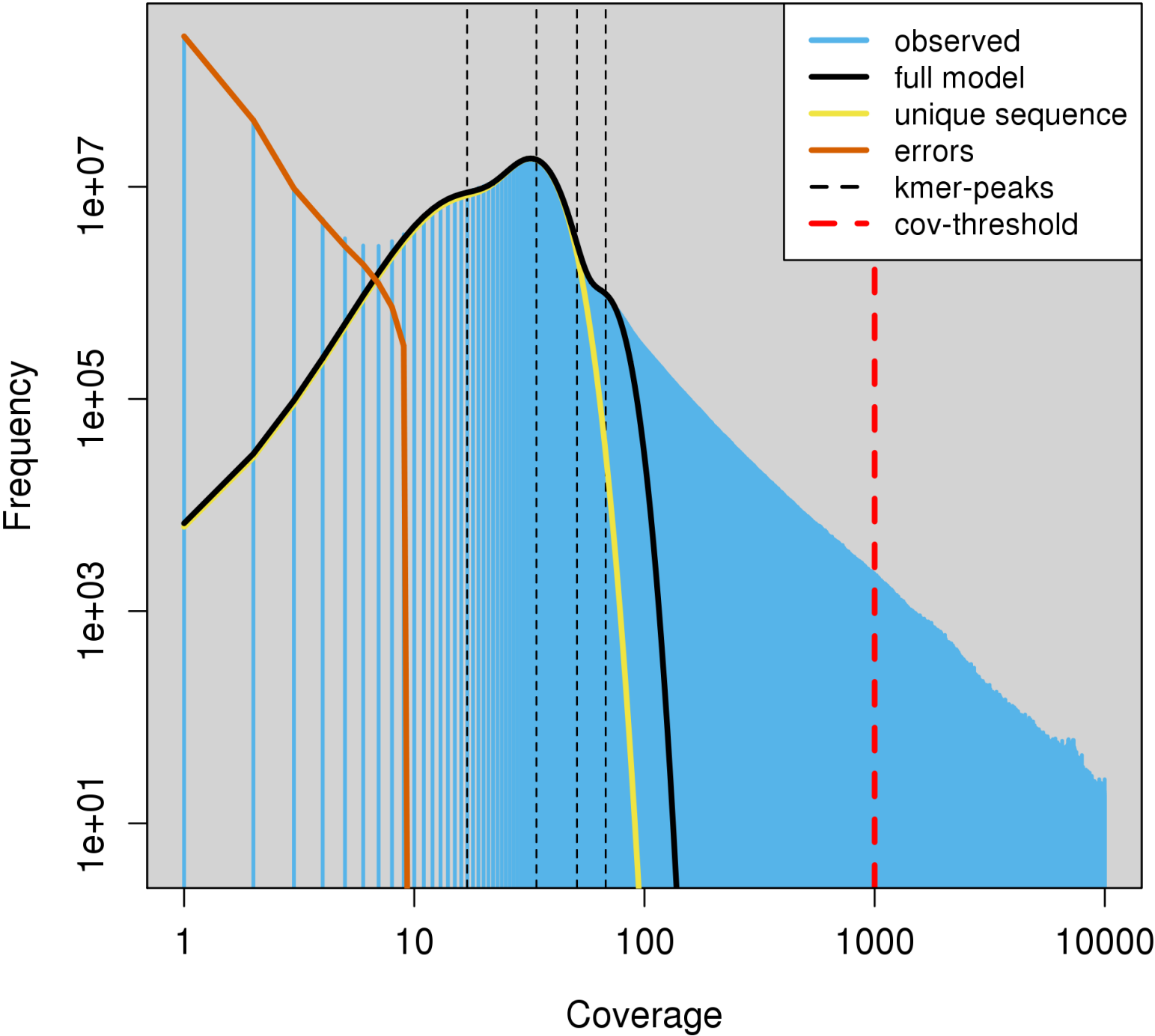


Lamellibrachia



GenomeScope Profile

len:646,236,226bp uniq:64.5% het:0.597% kcov:17 err:0.0941% dup:0.984% k:21



(user_data/S4jZX0MhN8zlsUN4mWYA/plot.log.png)

Results

```
<html class="gr__qb_cshl_edu"><head></head><body data-gr-c-s-
loaded="true"><pre style="word-wrap: break-word; white-space: pre-
wrap;">GenomeScope version 1.0
k = 21

property                min                max
Heterozygosity           0.592237%          0.602461%
Genome Haploid Length    645,021,920 bp      646,236,226 bp
Genome Repeat Length     229,265,329 bp      229,696,940 bp
Genome Unique Length     415,756,591 bp      416,539,286 bp
Model Fit                93.4663%           98.4255%
Read Error Rate          0.0941112%         0.0941112%
</pre><div class="grammarlv-disable-indicator"></div></body></html>
```

Model

```
<html class="gr__qb_cshl_edu"><head></head><body data-gr-c-s-
loaded="true"><pre style="word-wrap: break-word; white-space: pre-wrap;">
Formula: y ~ (((2 * (1 - d) * (1 - (1 - r)^k)) + (2 * d * (1 - (1 -
r)^k)^2) +
      (2 * d * ((1 - r)^k) * (1 - (1 - r)^k))) * dnbinom(x, size =
kmercov/bias,
      mu = kmercov) * length + (((1 - d) * ((1 - r)^k)) + (d *
(1 - (1 - r)^k)^2)) * dnbinom(x, size = kmercov * 2/bias,
mu = kmercov * 2) * length + (2 * d * ((1 - r)^k) * (1 -
(1 - r)^k)) * dnbinom(x, size = kmercov * 3/bias, mu = kmercov *
3) * length + (d * (1 - r)^(2 * k)) * dnbinom(x, size = kmercov *
4/bias, mu = kmercov * 4) * length)
```

Parameters:

	Estimate	Std. Error	t value	Pr(> t)	
d	7.375e-02	1.161e-03	63.52	<2e-16	***
r	5.973e-03	2.556e-05	233.71	<2e-16	***
kmercov	1.697e+01	7.978e-03	2126.74	<2e-16	***
bias	9.845e-01	7.196e-03	136.81	<2e-16	***
length	4.488e+08	5.740e+05	781.88	<2e-16	***

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 71550 on 984 degrees of freedom

Number of iterations to convergence: 7

View analysis later

Return to view your results at any time:

<http://genomescope.org/analysis.php?code=S4jZX0MhN8zlsUN4mWYA>

Progress

starting

round 0 trimming to 7 trying 4peak model... converged. score: 5190588663463.45

round 1 trimming to 12 trying 4peak model... converged. score: 5114744397475.79

round 2 trimming to 17 trying 4peak model... converged. score: 6844561709731.1

round 3 trimming to 22 trying 4peak model... converged. score: 18694391768740.6

done

