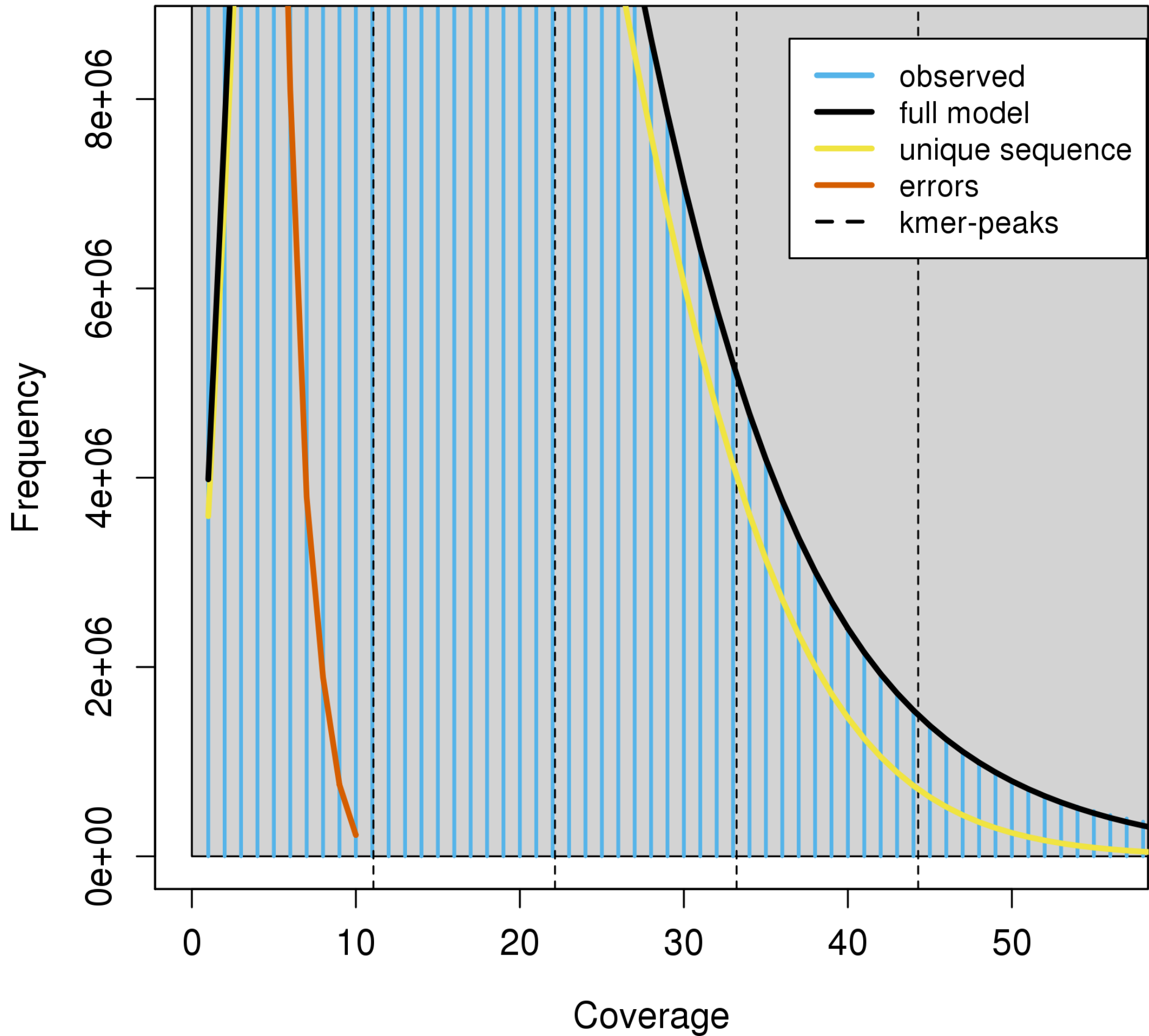


Pbb_fq_fp1_clmp_fp2_fqscrn_rprd_jfsh

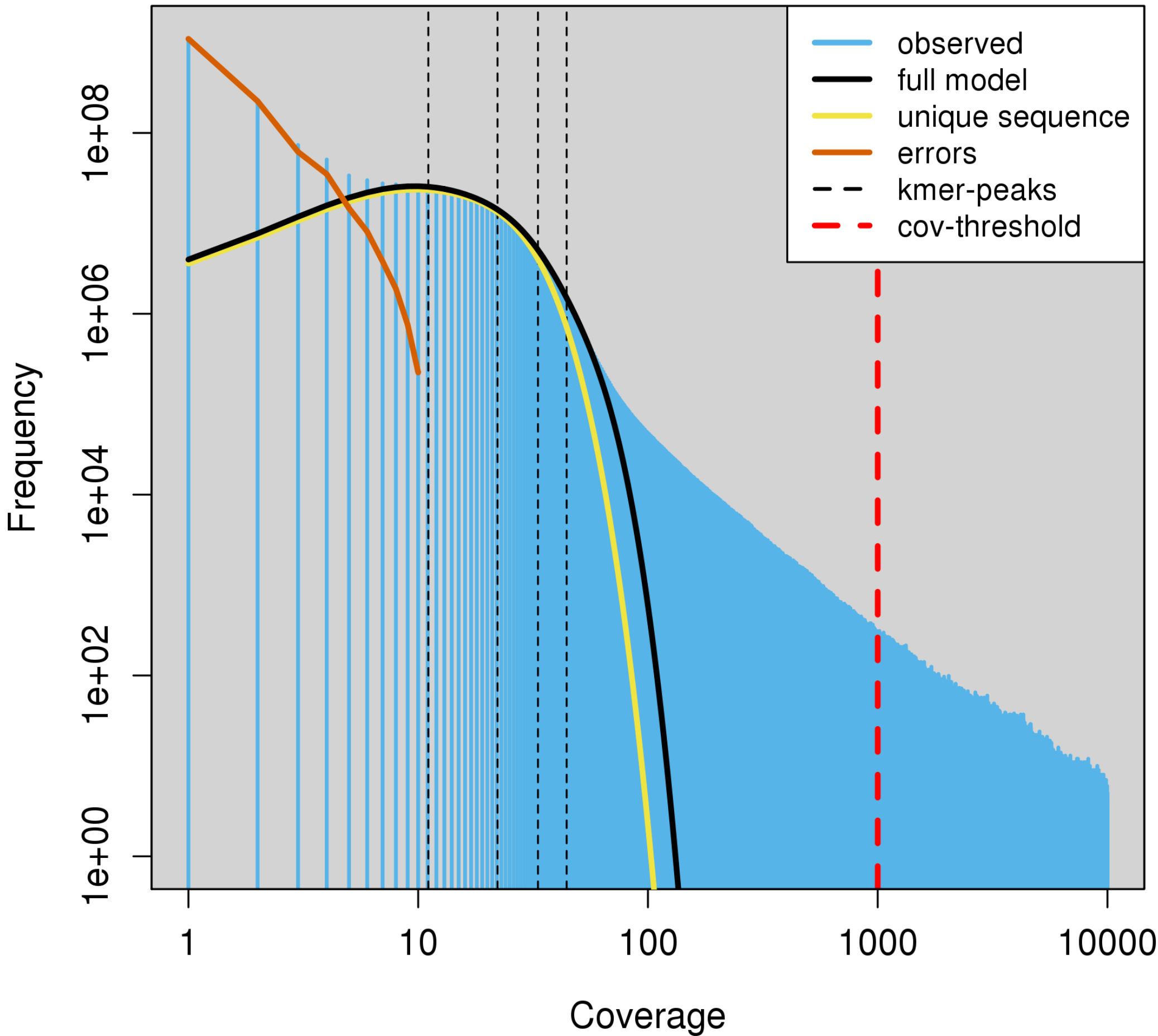
GenomeScope Profile

len:482,007,373bp uniq:75.5% het:2.41% kcov:11.1 err:0.837% dup:2.53% k:21



GenomeScope Profile

len:482,007,373bp uniq:75.5% het:2.41% kcov:11.1 err:0.837% dup:2.53% k:21



Results

GenomeScope version 1.0
k = 21

property	min	max
Heterozygosity	2.36469%	2.45501%
Genome Haploid Length	475,159,090 bp	482,007,373 bp
Genome Repeat Length	116,322,298 bp	117,998,806 bp
Genome Unique Length	358,836,792 bp	364,008,567 bp
Model Fit	98.2149%	99.7399%
Read Error Rate	0.836825%	0.836825%

Model

Formula: $y \sim (((2 * (1 - d) * (1 - (1 - r)^k)) + (2 * d * (1 - (1 - r)^k)^2) + (2 * d * ((1 - r)^k * (1 - (1 - r)^k))) * \text{dnbinom}(x, \text{size} = \text{kmercov}/\text{bias}, \mu = \text{kmercov}) * \text{length} + (((1 - d) * ((1 - r)^k) + (d * (1 - (1 - r)^k)^2)) * \text{dnbinom}(x, \text{size} = \text{kmercov} * 2/\text{bias}, \mu = \text{kmercov} * 2) * \text{length} + (2 * d * ((1 - r)^k * (1 - (1 - r)^k)) * \text{dnbinom}(x, \text{size} = \text{kmercov} * 3/\text{bias}, \mu = \text{kmercov} * 3) * \text{length} + (d * (1 - r)^{(2 * k)}) * \text{dnbinom}(x, \text{size} = \text{kmercov} * 4/\text{bias}, \mu = \text{kmercov} * 4) * \text{length}))$

Parameters:

	Estimate	Std. Error	t value	Pr(> t)
d	9.833e-02	2.480e-03	39.65	<2e-16 ***
r	2.410e-02	2.258e-04	106.73	<2e-16 ***
kmercov	1.107e+01	3.961e-02	279.54	<2e-16 ***
bias	2.527e+00	6.101e-02	41.41	<2e-16 ***
length	3.939e+08	2.001e+06	196.81	<2e-16 ***

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

Residual standard error: 16500 on 981 degrees of freedom

Number of iterations to convergence: 19
Achieved convergence tolerance: 7.16e-06

[View analysis later](#)

Return to view your results at any time:

<http://genomescope.org/analysis.php?code=tL69tlGgJn3vjkerNDIP>

Progress

starting

round 0 trimming to 15 trying 4peak model... converged. score: 357336222930.937

round 1 trimming to 20 trying 4peak model... unconverged

round 2 trimming to 25 trying 4peak model... unconverged

round 3 trimming to 30 trying 4peak model... unconverged

done