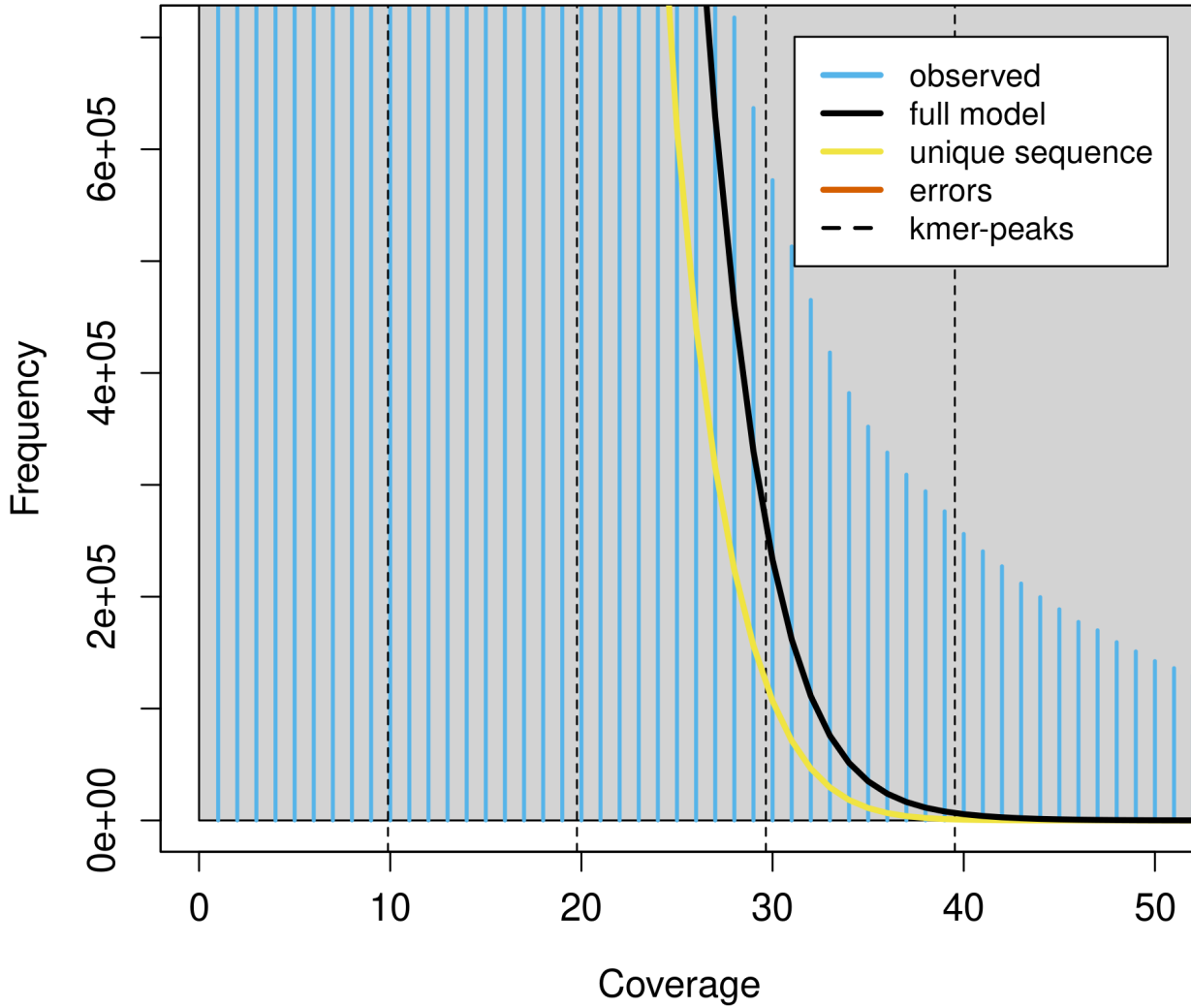


my sample

GenomeScope Profile

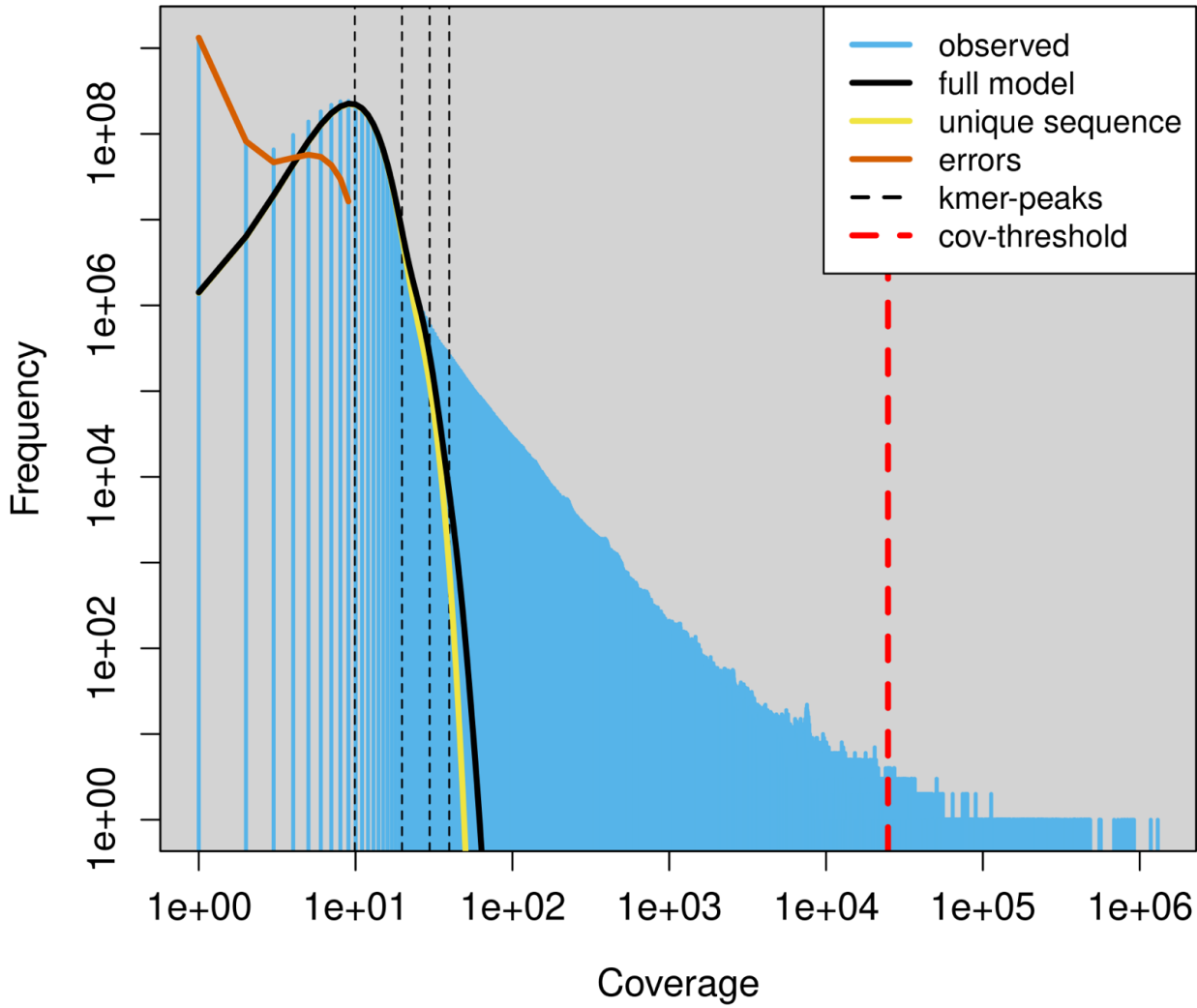
len:1,068,304,179bp uniq:87.5%
aa:86.9% ab:13.1%
kcov:9.88 err:0.447% dup:0.113 k:31 p:2



(user_data/zrDQf6NUB5fhD9D6Tewy/linear_plot.png)

GenomeScope Profile

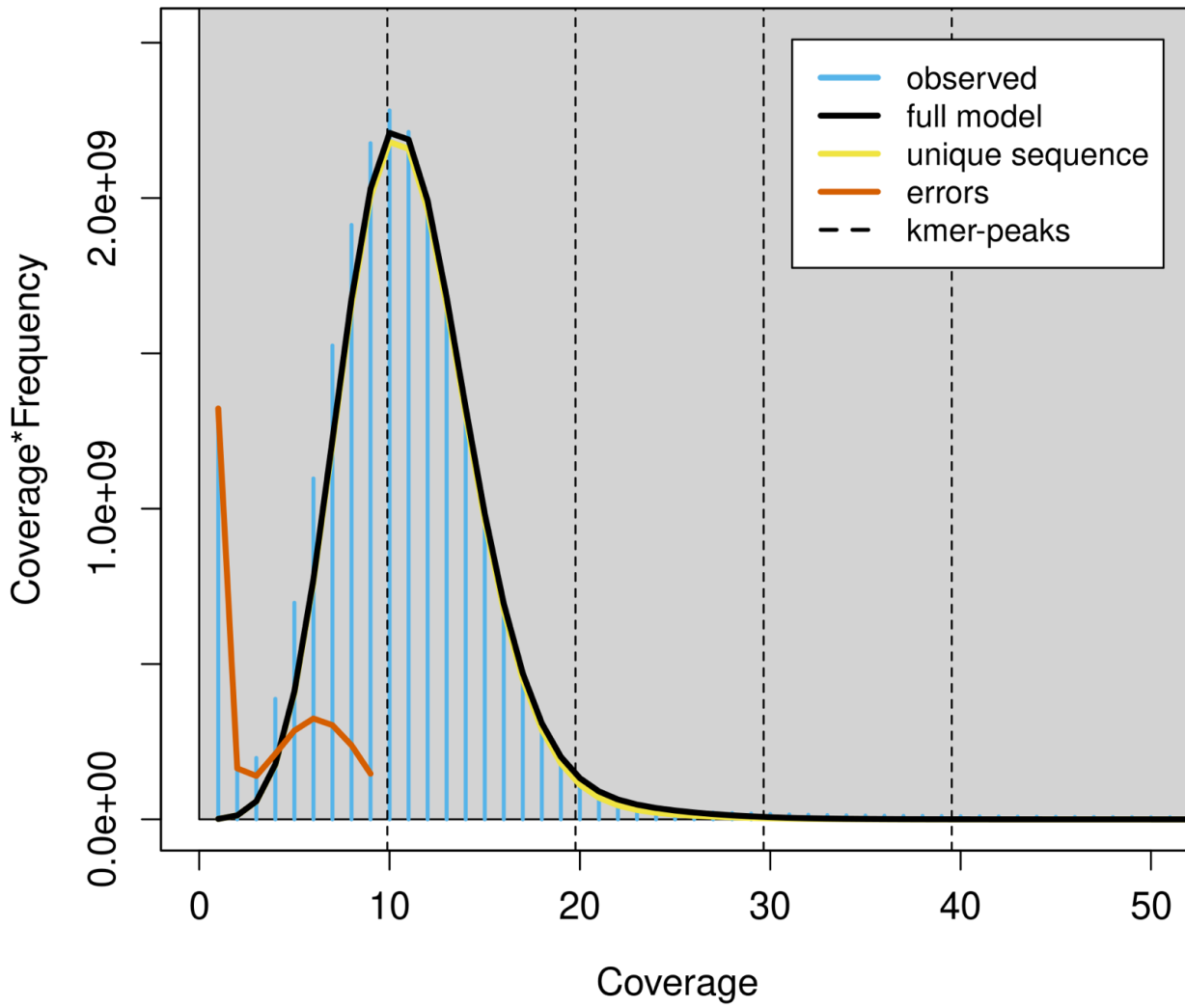
len:1,068,304,179bp uniq:87.5%
aa:86.9% ab:13.1%
kcov:9.88 err:0.447% dup:0.113 k:31 p:2



(user_data/zrDQf6NUB5fhD9D6Tewy/log_plot.png)

GenomeScope Profile

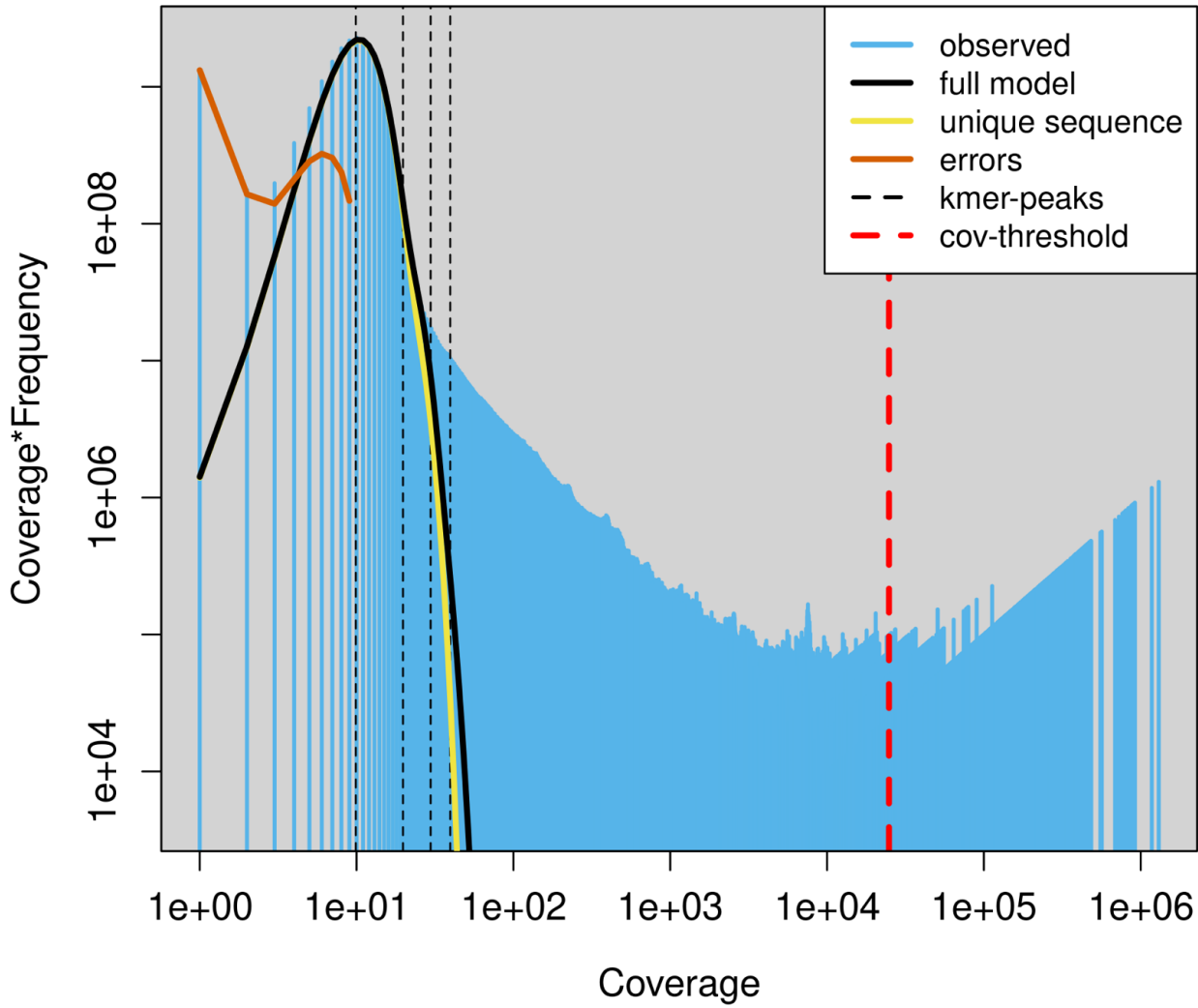
len:1,068,304,179bp uniq:87.5%
aa:86.9% ab:13.1%
kcov:9.88 err:0.447% dup:0.113 k:31 p:2



(user_data/zrDQf6NUB5fhD9D6Tewy/transformed_linear_plot.png)

GenomeScope Profile

len:1,068,304,179bp uniq:87.5%
aa:86.9% ab:13.1%
kcov:9.88 err:0.447% dup:0.113 k:31 p:2



(user_data/zrDQf6NUB5fhD9D6Tewy/transformed_log_plot.png)

Results

Model

GenomeScope version 2.0
input file = user_uploads/zrDQf6NUB5fhD9D6Tewy
output directory = user_data/zrDQf6NUB5fhD9D6Tewy
p = 2
k = 31

property	min	max
Homozygous (aa)	0%	100%
Heterozygous (ab)	0%	100%
Genome Haploid Length	1,061,215,085 bp	1,068,304,179 bp
Genome Repeat Length	132,490,014 bp	133,375,069 bp
Genome Unique Length	928,725,071 bp	934,929,110 bp
Model Fit	86.024%	96.8175%
Read Error Rate	0.447007%	0.447007%

Formula: y_transform ~ x^transform_exp * length * predict2
kmercov, bias, x)

Parameters:

	Estimate	Std. Error	t value	Pr(> t)
d	1.284e-02	1.196e+00	0.011	0.991
r1	1.315e-01	2.582e+00	0.051	0.959
kmercov	9.884e+00	1.645e-02	600.787	<2e-16 ***
bias	1.129e-01	5.199e-03	21.711	<2e-16 ***
length	9.439e+08	1.113e+09	0.848	0.397

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

Residual standard error: 1408000 on 1995 degrees of freedom

Number of iterations to convergence: 14
Achieved convergence tolerance: 1.49e-08

View analysis later

Return to view your results at any time:

<http://genomescope.org/genomescope2.0/analysis.php?code=zrDQf6NUB5fhD9D6Tewy>

Progress

starting

round 0 trimming to 2 trying 2p peak model... converged. score: 5898773133132403

round 1 trimming to 7 trying 2p peak model... converged. score: 7535391758572238

round 2 trimming to 12 trying 2p peak model... converged. score: 31461717424906544

round 3 trimming to 17 trying 2p peak model... converged. score: 3025036448896481280

done