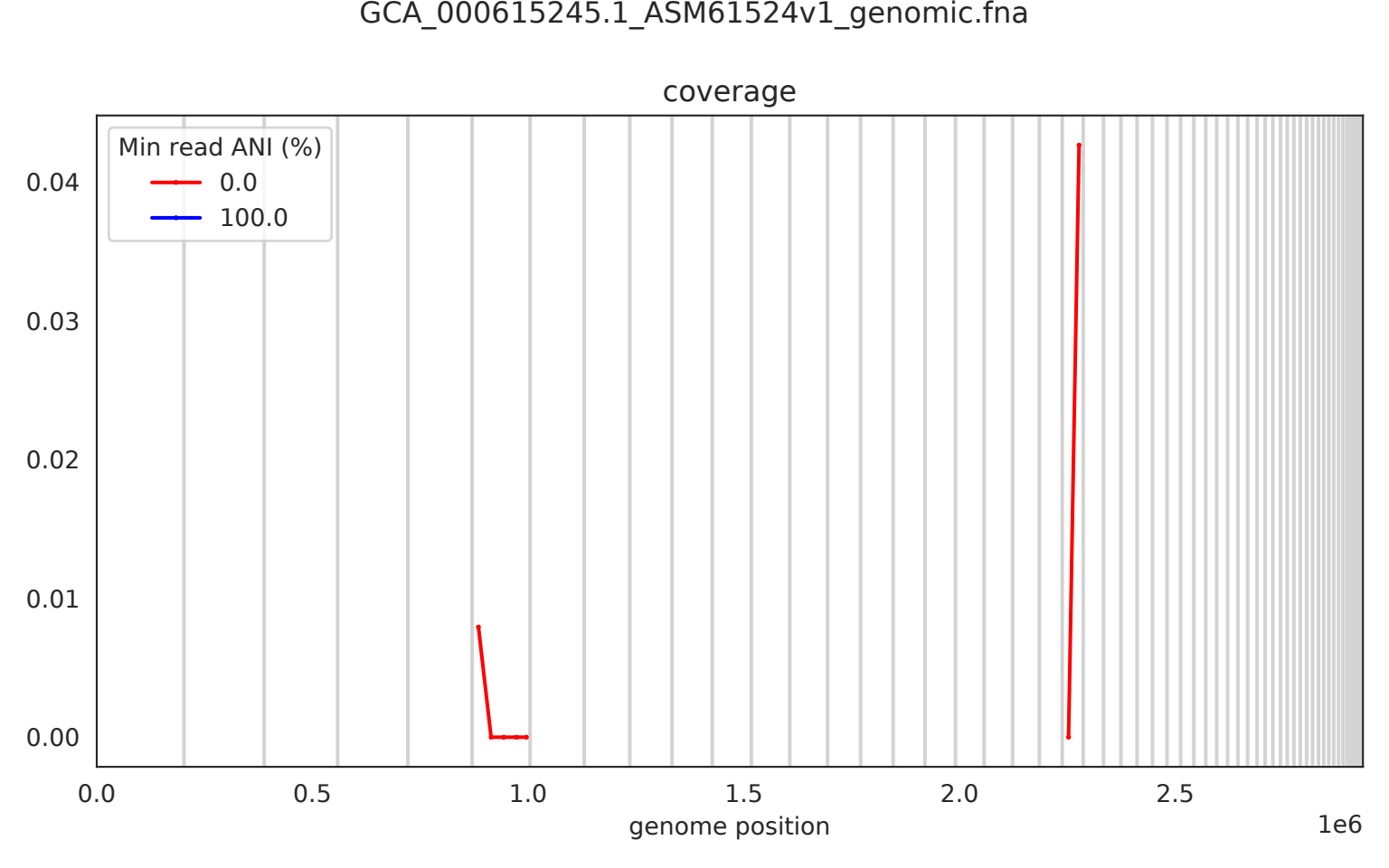
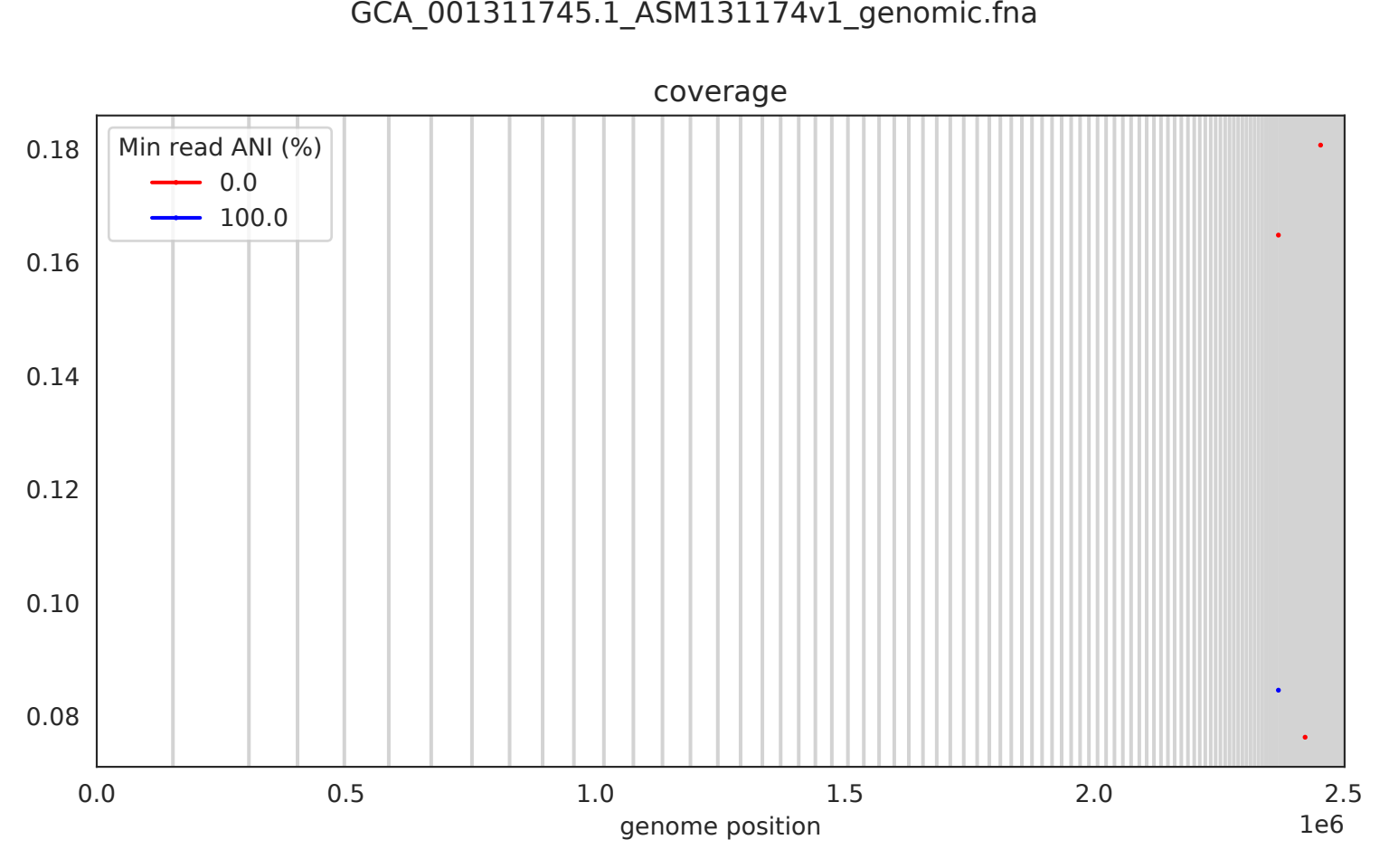
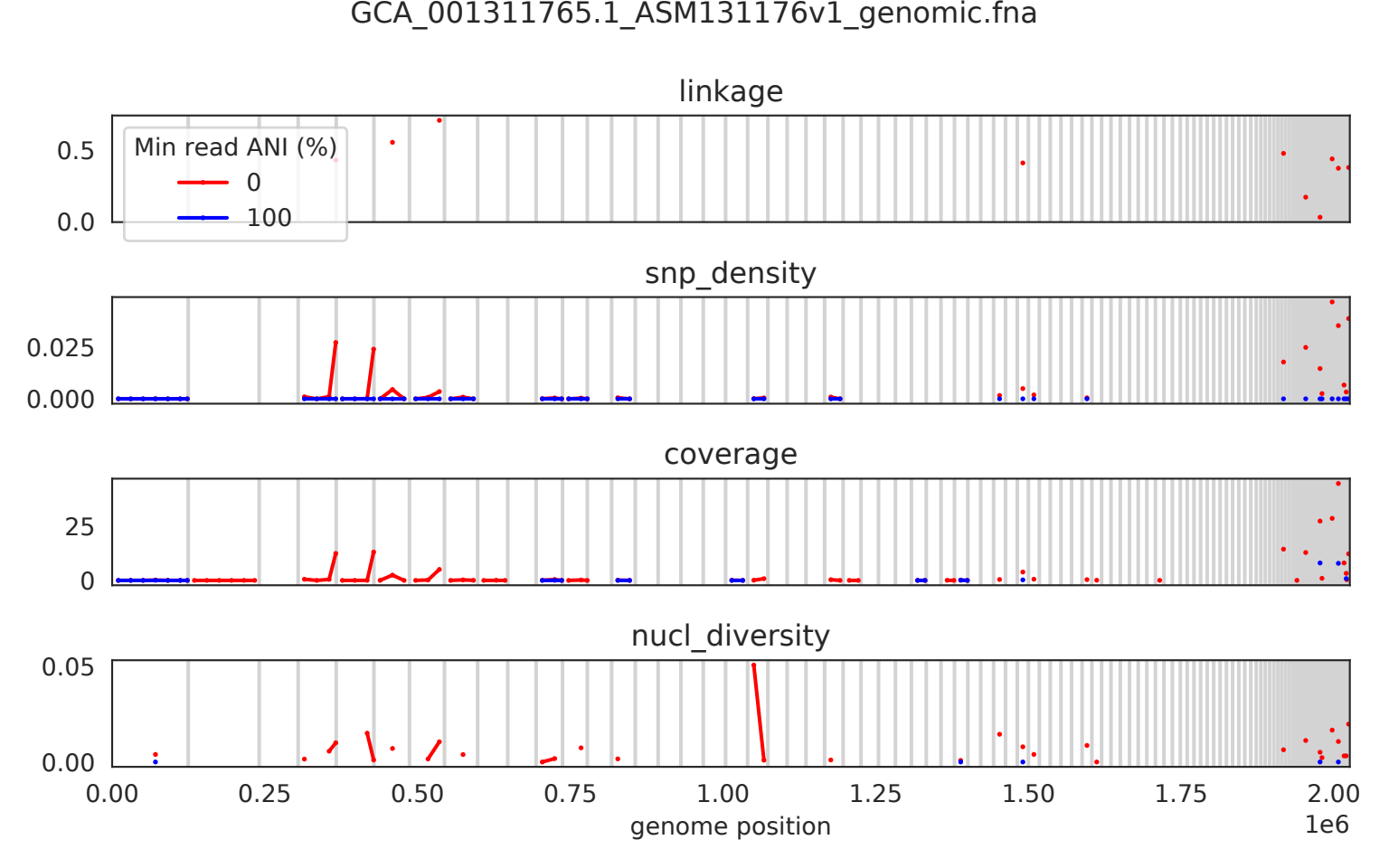
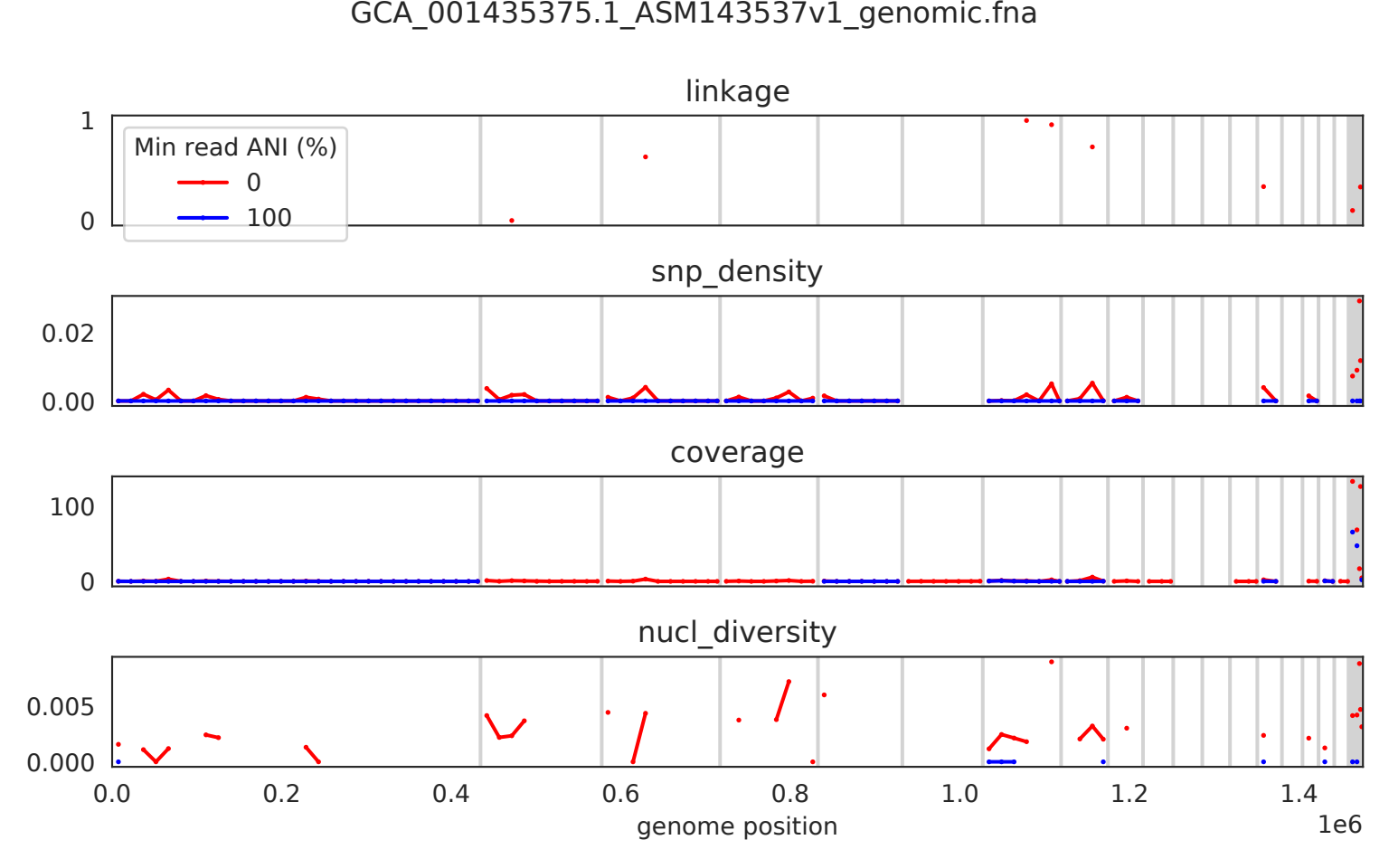
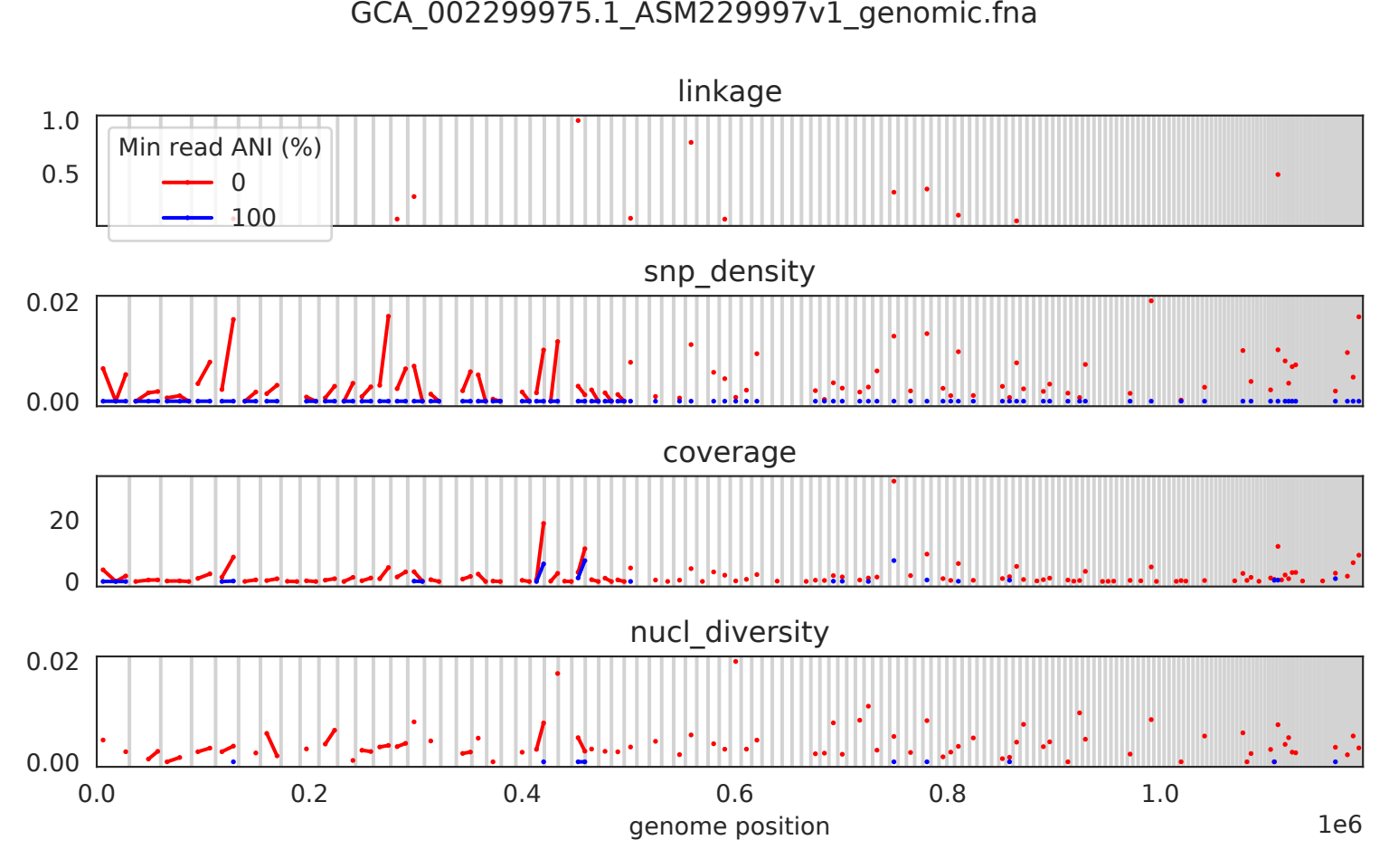
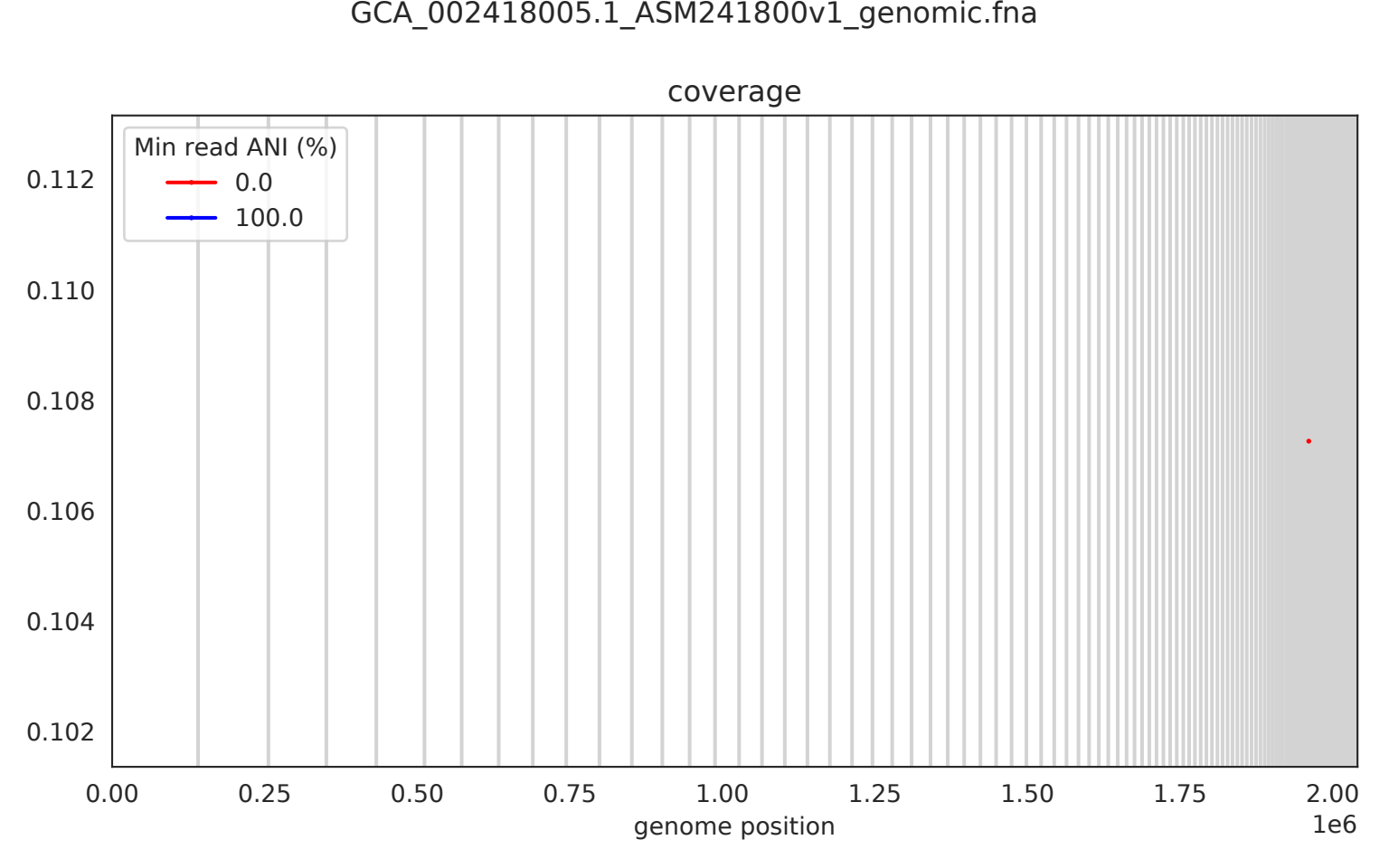

GCA_000615245.1_ASM61524v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.04
0.03
0.02
0.01
0.00
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

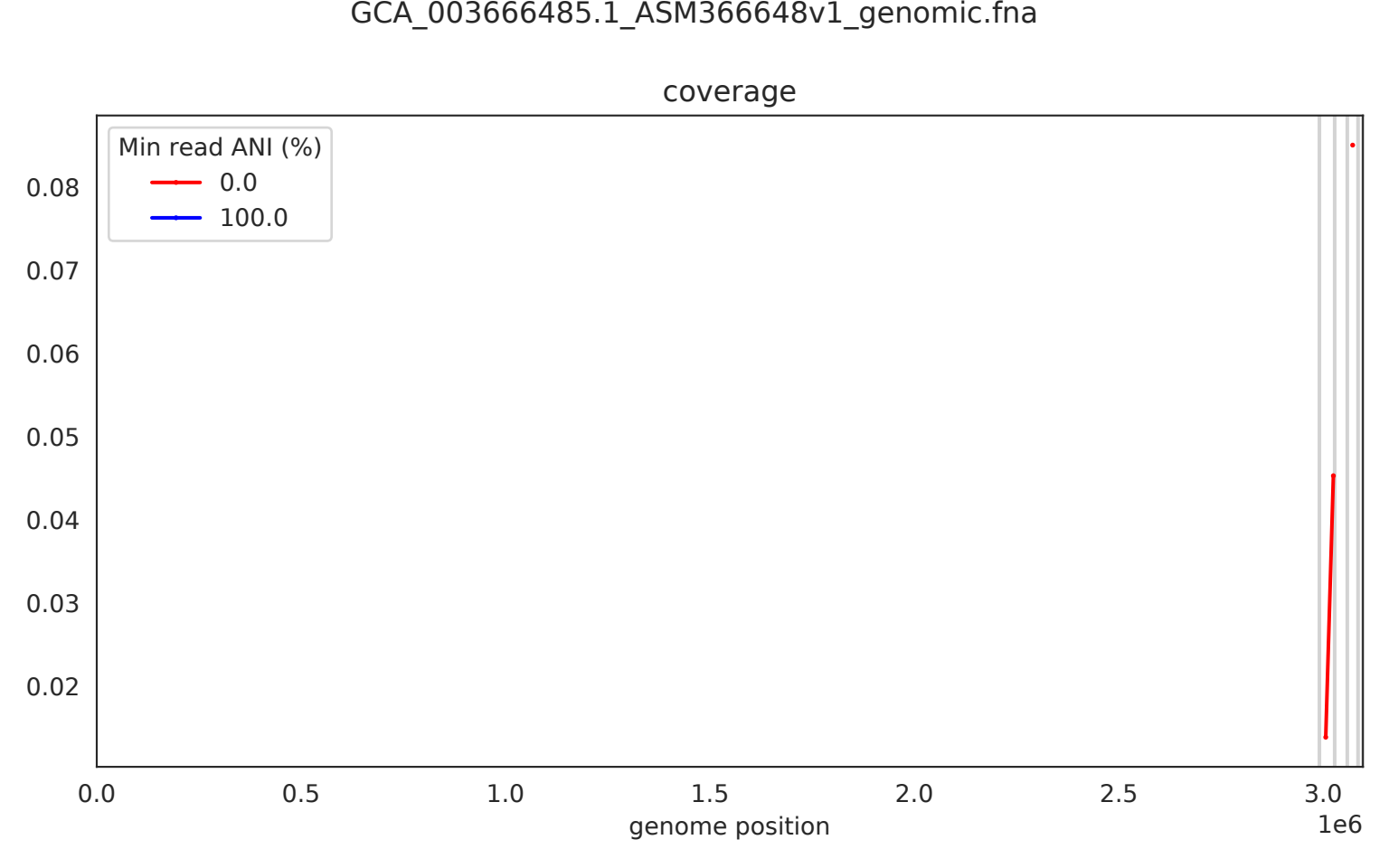

GCA_001311745.1_ASM131174v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.18
0.16
0.14
0.12
0.10
0.08
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

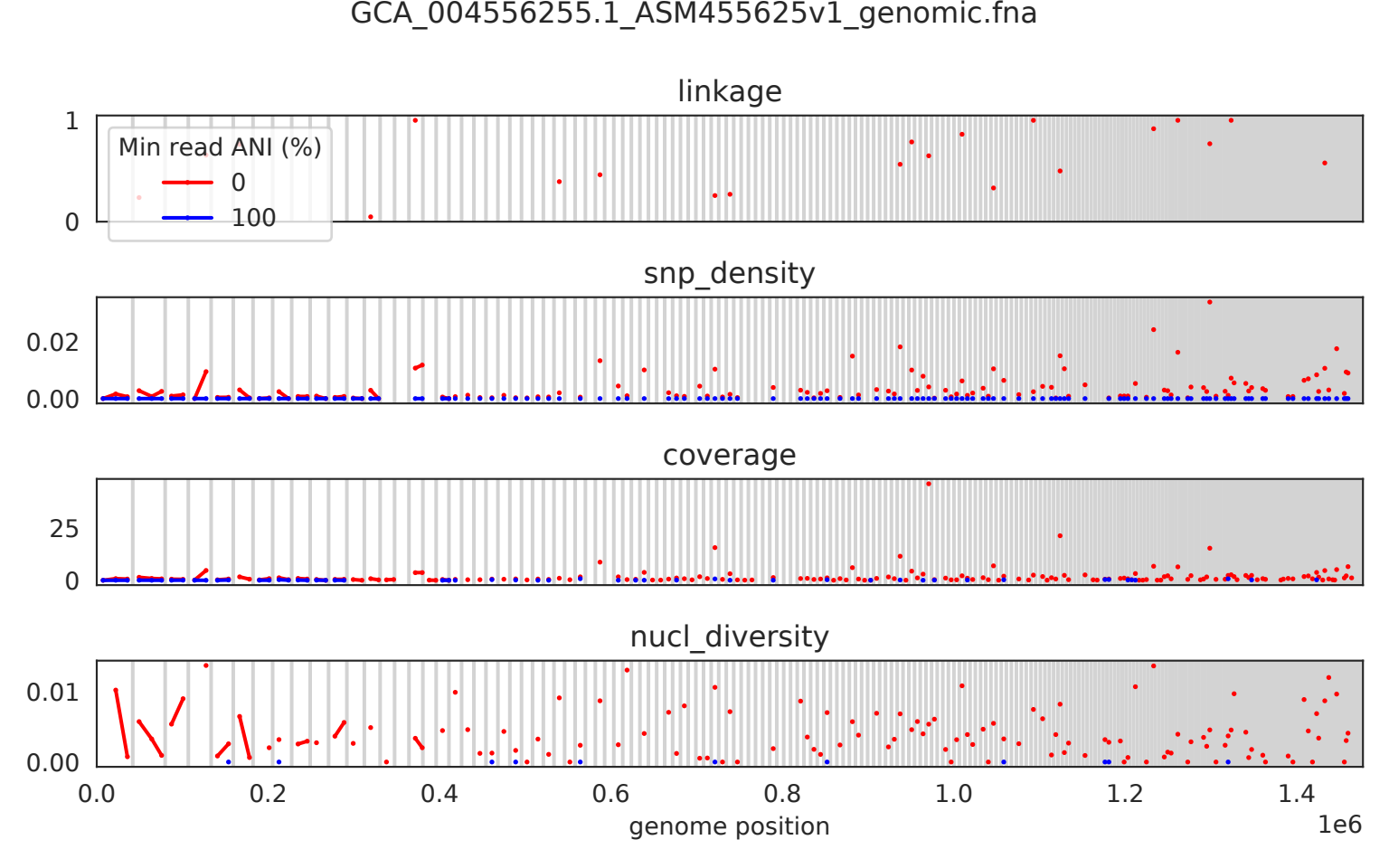

GCA_001311765.1_ASM131176v1_genomic.fna
linkage
Min read ANI (%)
0
100
0.5
0.0
snp_density
0.025
0.000
coverage
25
0
nucl_diversity
0.05
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

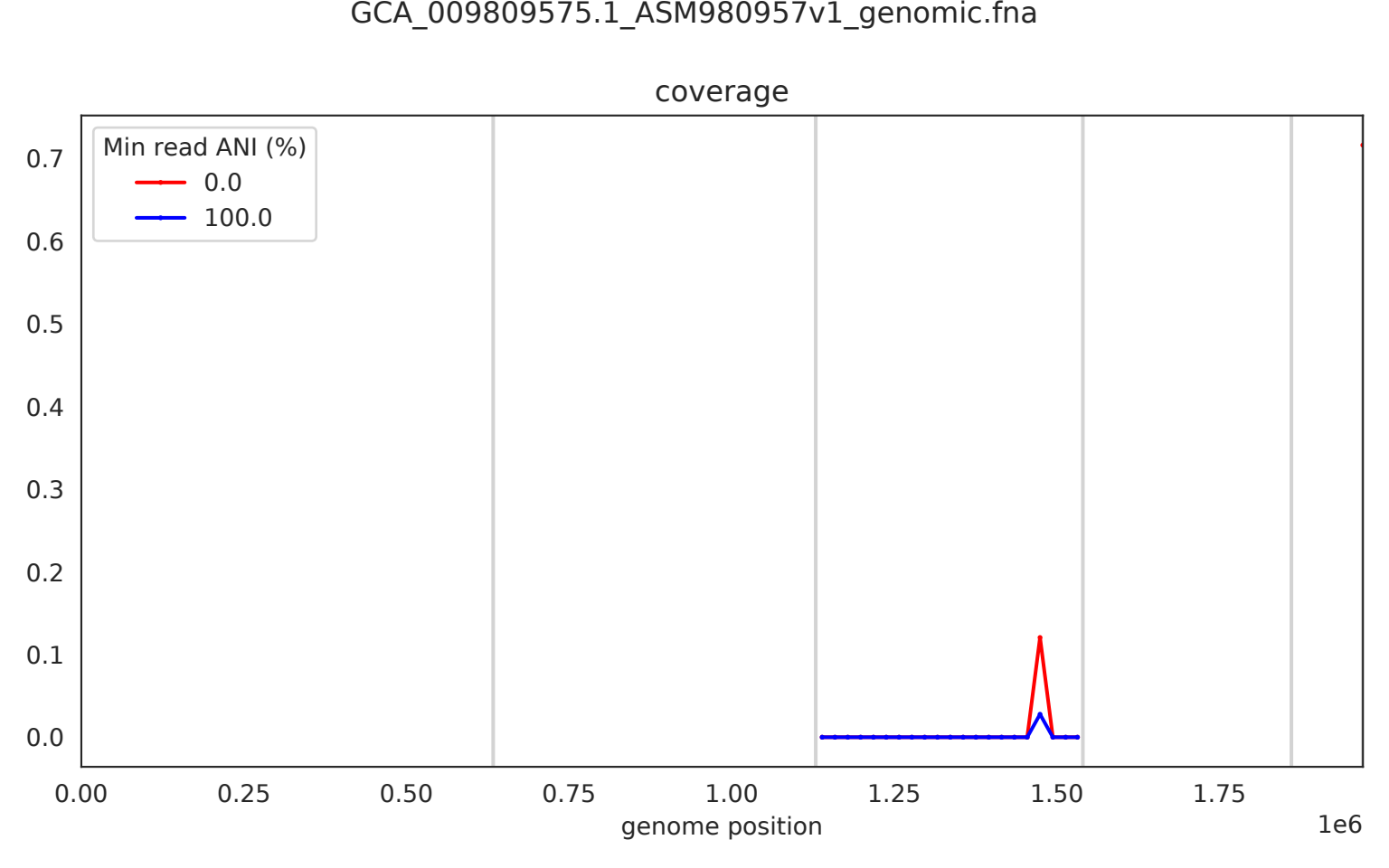

GCA_001435375.1_ASM143537v1_genomic.fna
linkage
1
0
Min read ANI (%)
0
100
snp_density
0.02
0.00
coverage
100
0
nucl_diversity
0.005
0.000
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
genome position
1e6

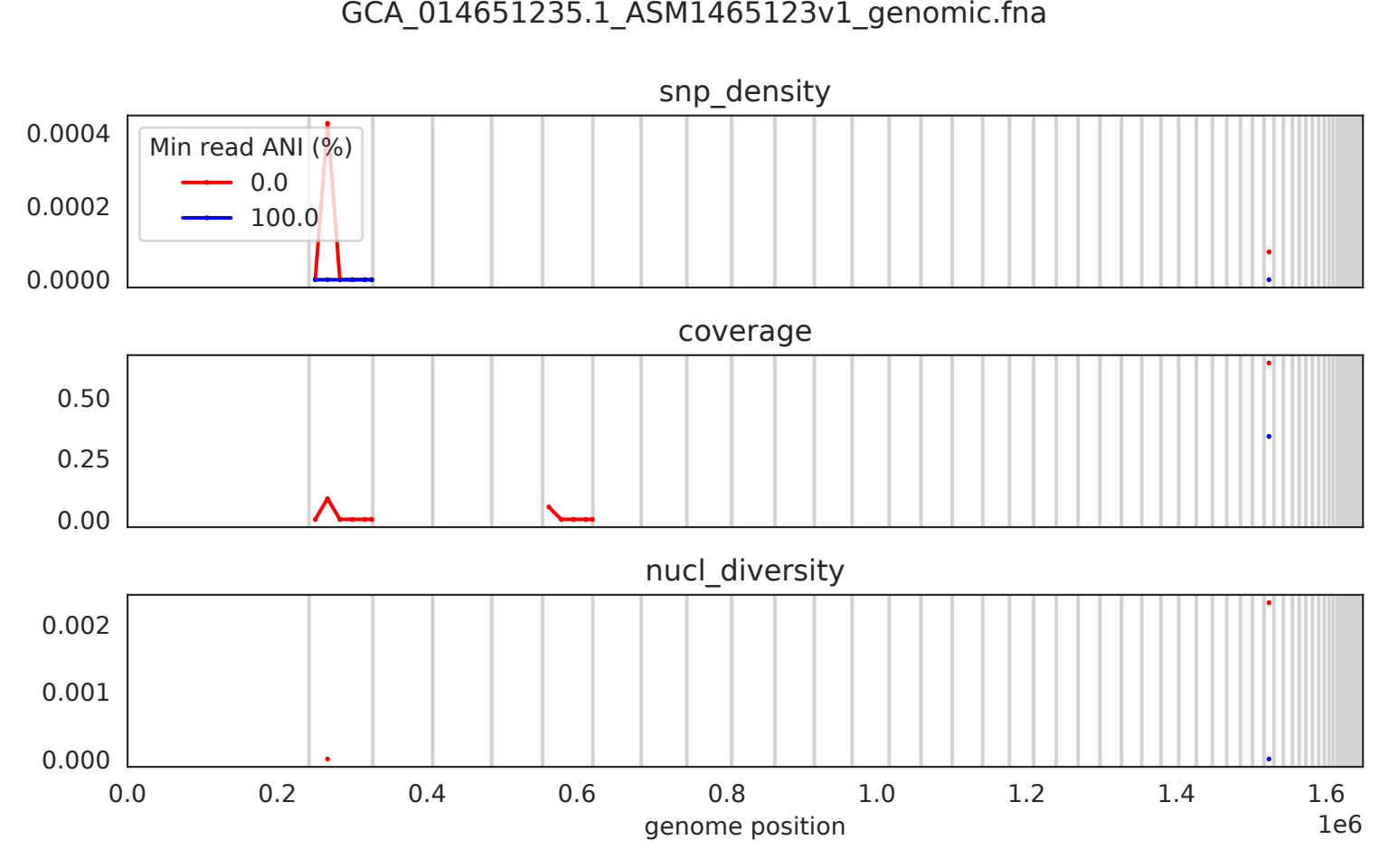

GCA_002299975.1_ASM229997v1_genomic.fna
linkage
1.0
0.5
Min read ANI (%)
0
100
snp_density
0.02
0.00
coverage
20
0
nucl_diversity
0.02
0.00
0.0
0.2
0.4
0.6
0.8
1.0
genome position
1e6

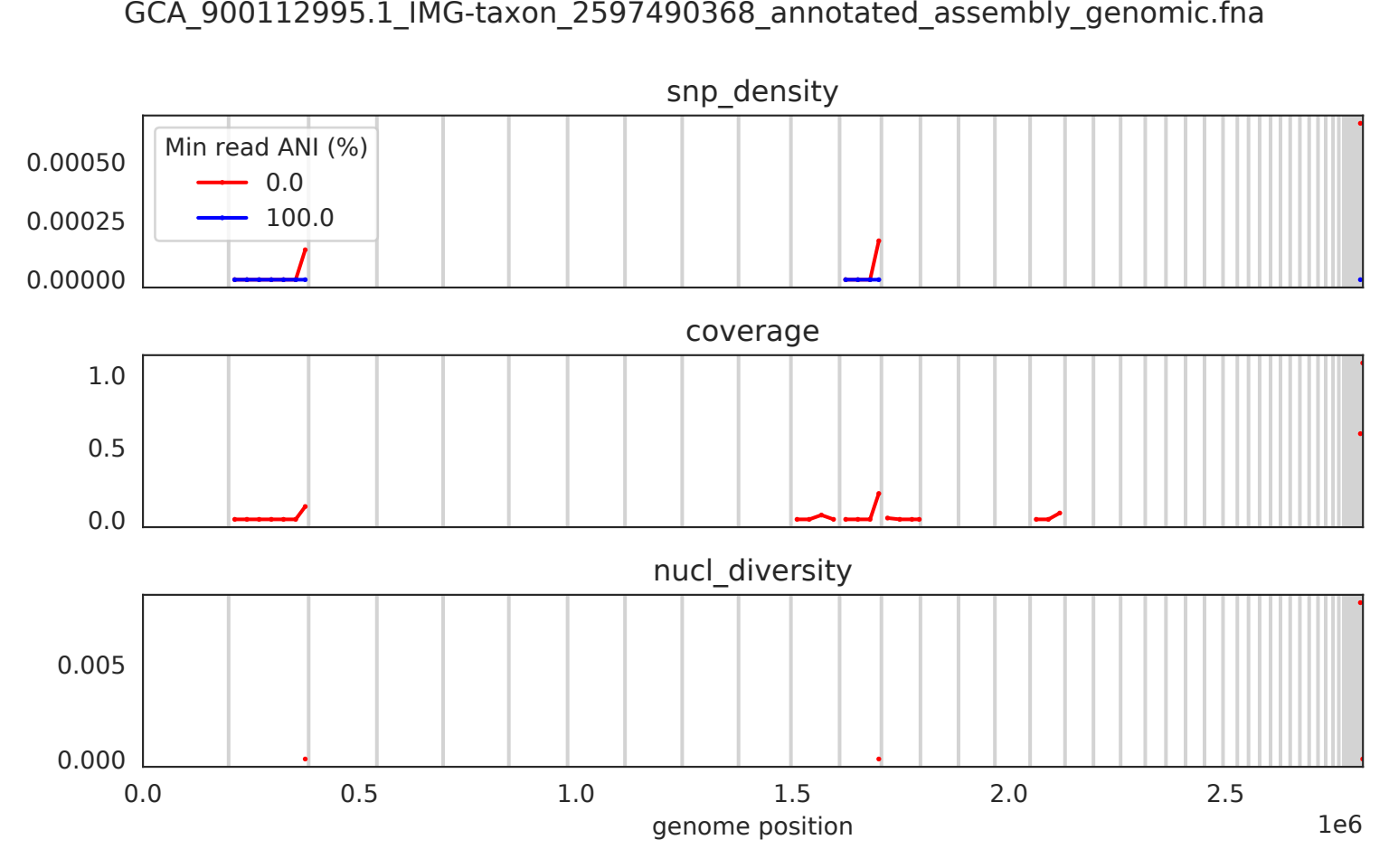

GCA_002418005.1_ASM241800v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.112
0.110
0.108
0.106
0.104
0.102
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

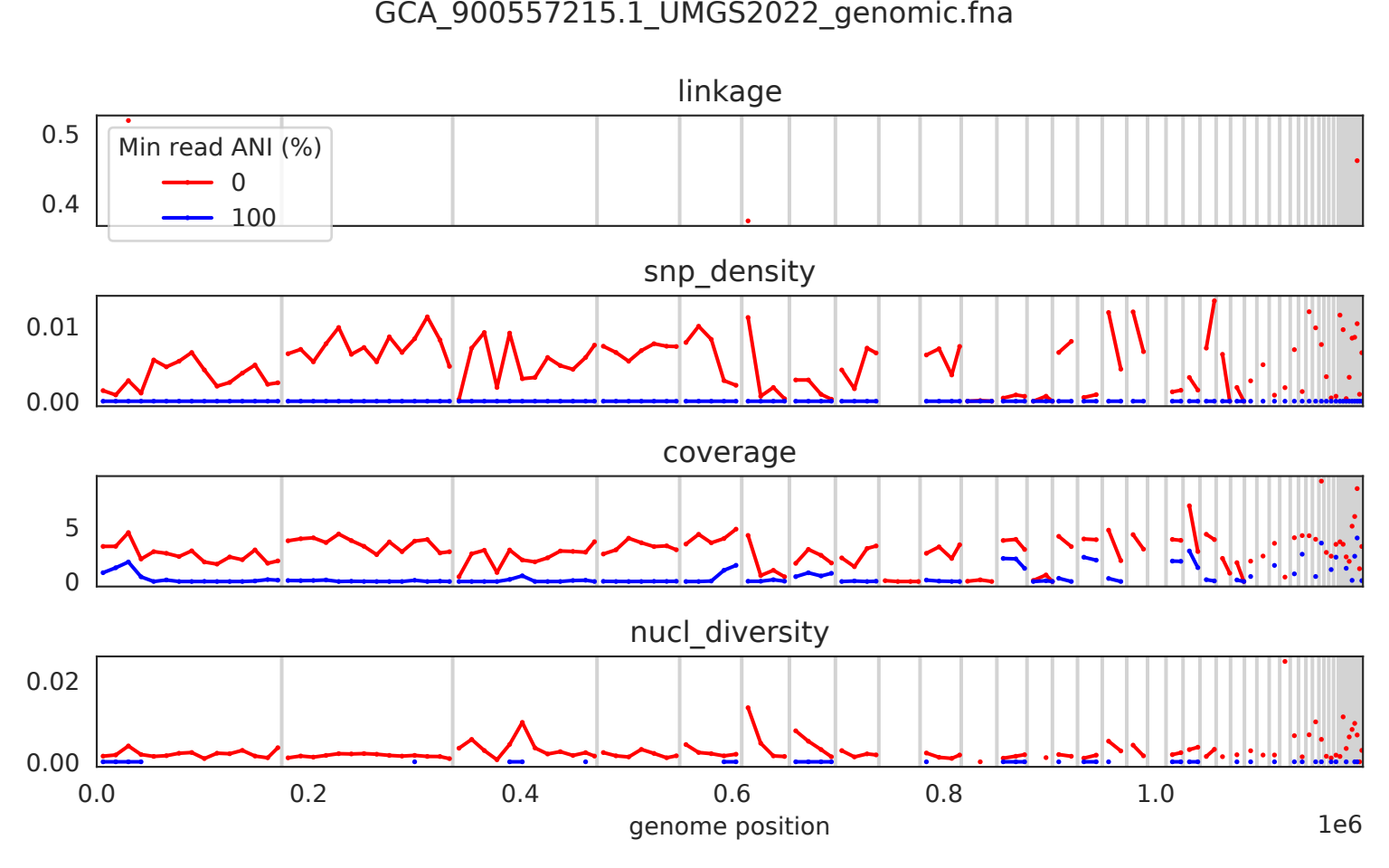

GCA_003666485.1_ASM366648v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.0
0.5
1.0
1.5
2.0
2.5
3.0
genome position
1e6

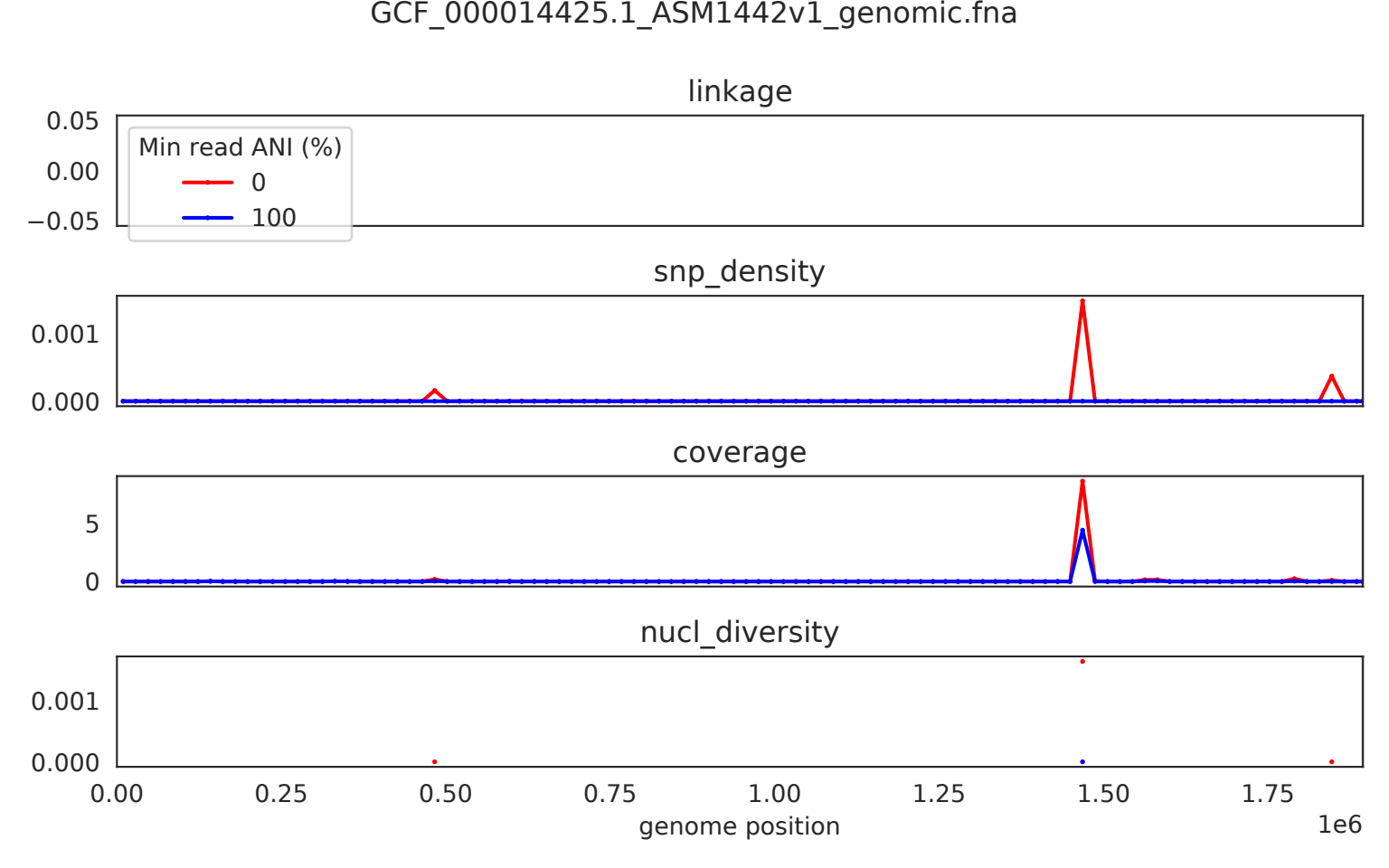

GCA_004556255.1_ASM455625v1_genomic.fna
linkage
1
0
Min read ANI (%)
0
100
snp_density
0.02
0.00
coverage
25
0
nucl_diversity
0.01
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
genome position
1e6

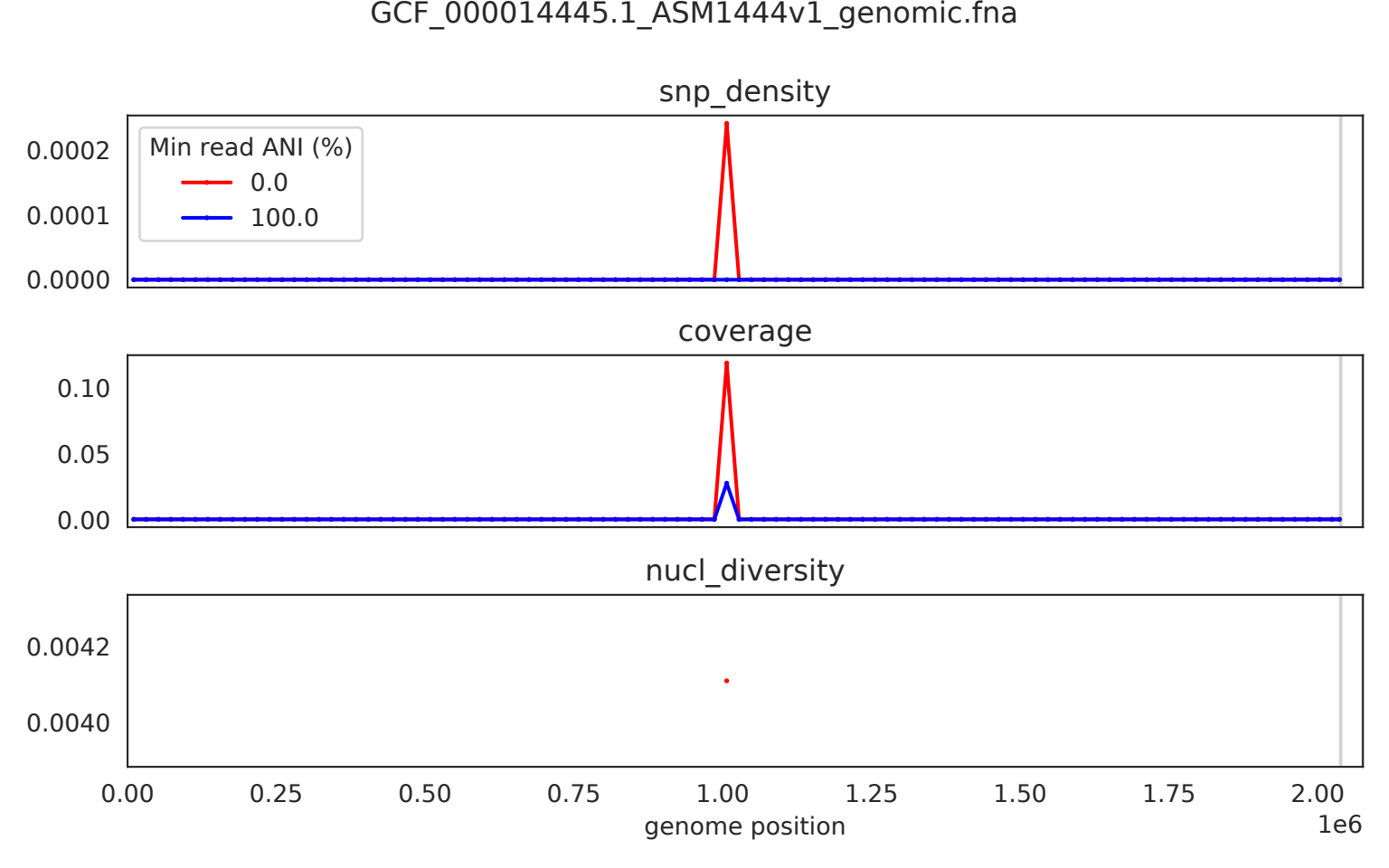

GCA_009809575.1_ASM980957v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

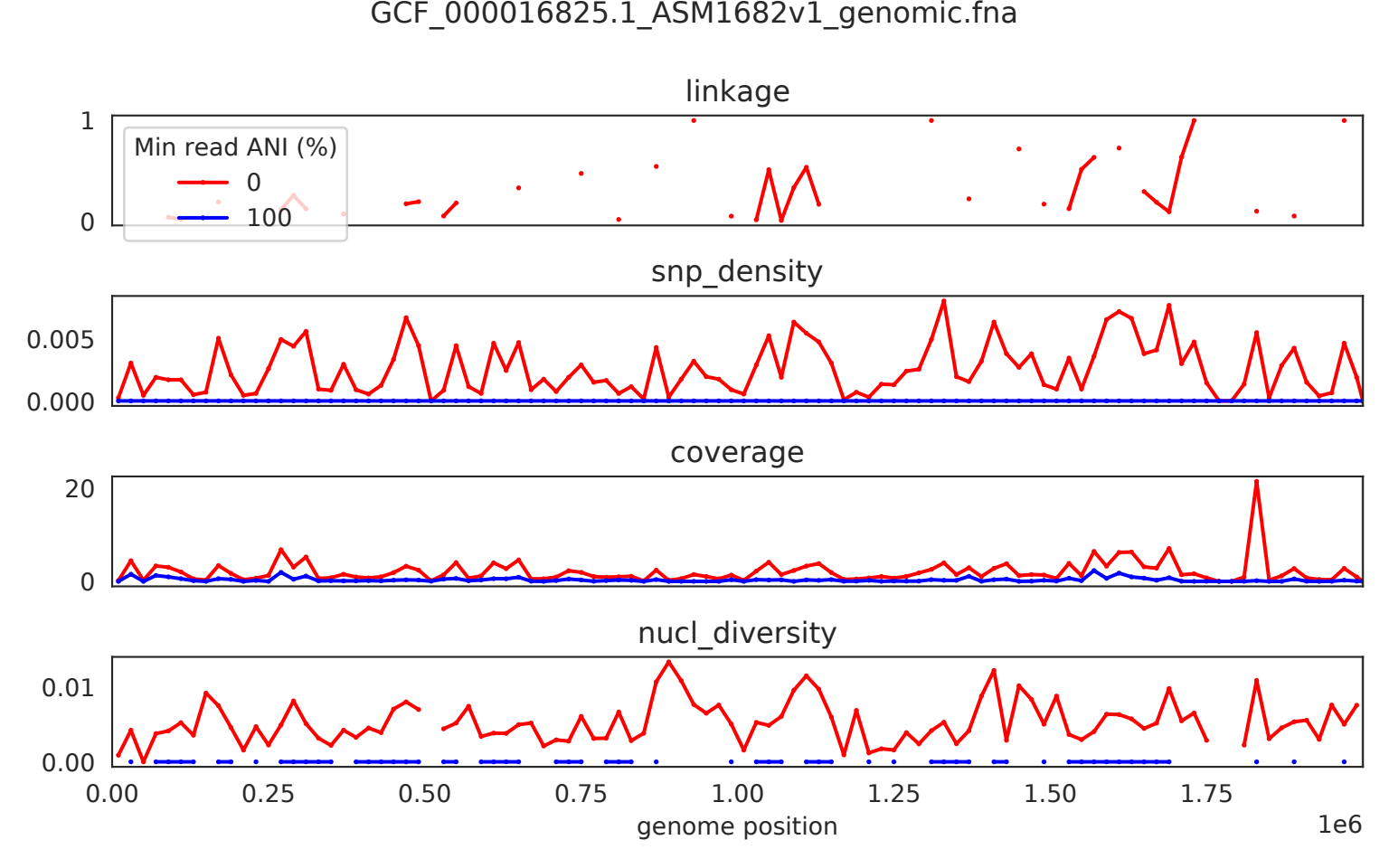

GCA_014651235.1_ASM1465123v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0004
0.0002
0.0000
coverage
0.50
0.25
0.00
nucl_diversity
0.002
0.001
0.000
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6

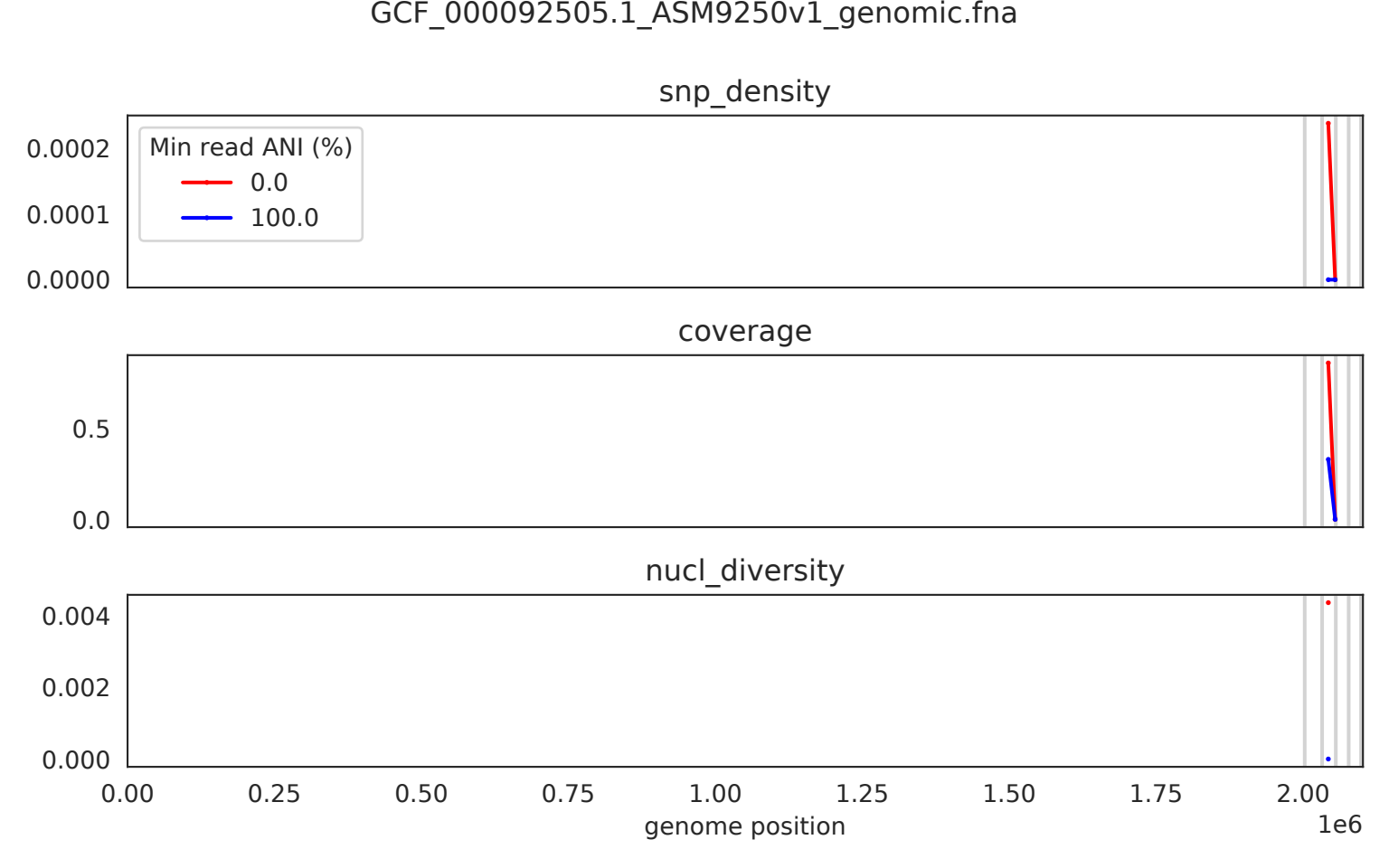

GCA_900112995.1_IMG-taxon_2597490368_annotated_assembly_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.00050
0.00025
0.00000
coverage
1.0
0.5
0.0
nucl_diversity
0.005
0.000
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

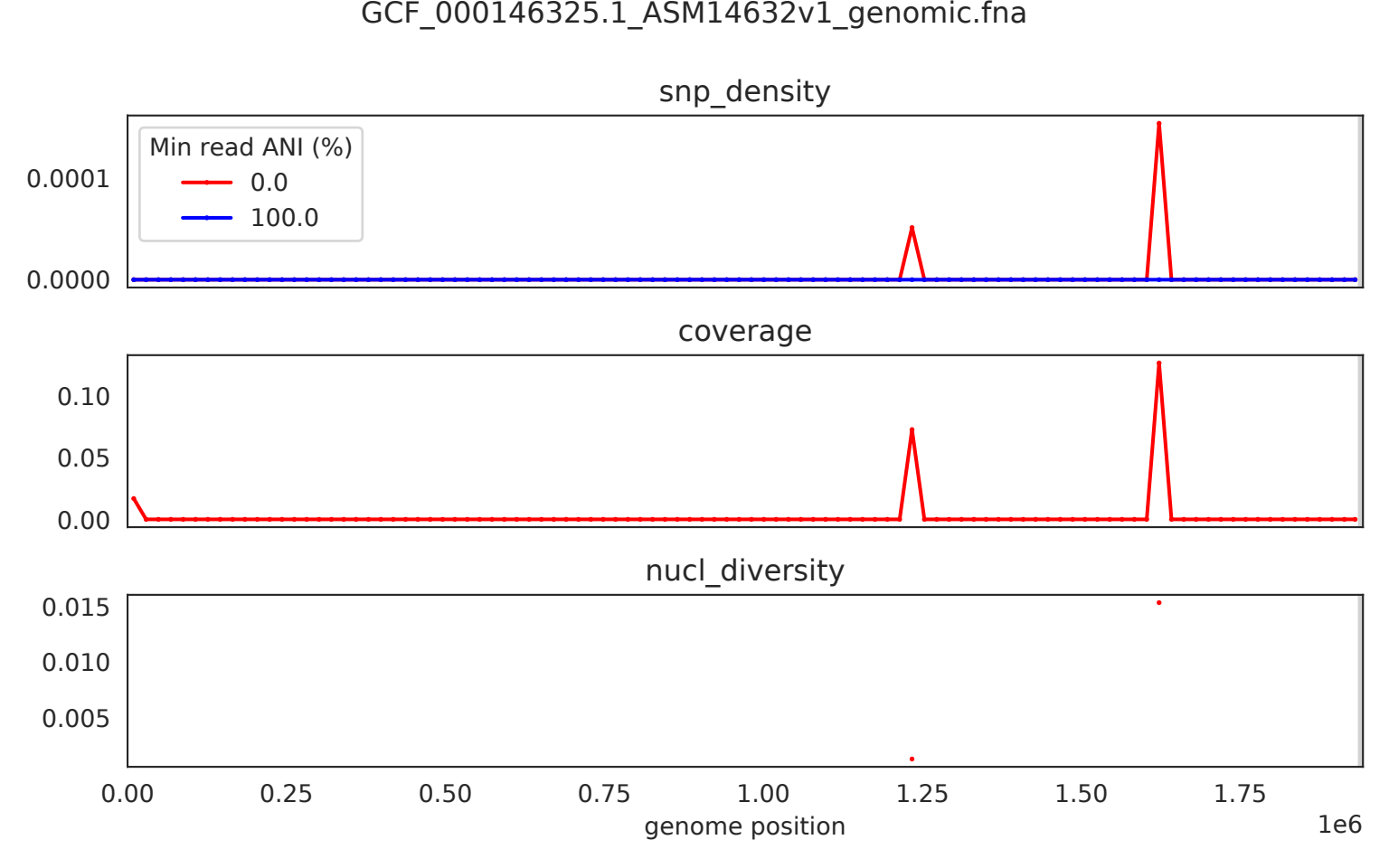

GCA_900557215.1_UMGS2022_genomic.fna
linkage
Min read ANI (%)
0
100
0.5
0.4
snp_density
0.01
0.00
coverage
5
0
nucl_diversity
0.02
0.00
0.0
0.2
0.4
0.6
0.8
1.0
genome position
1e6

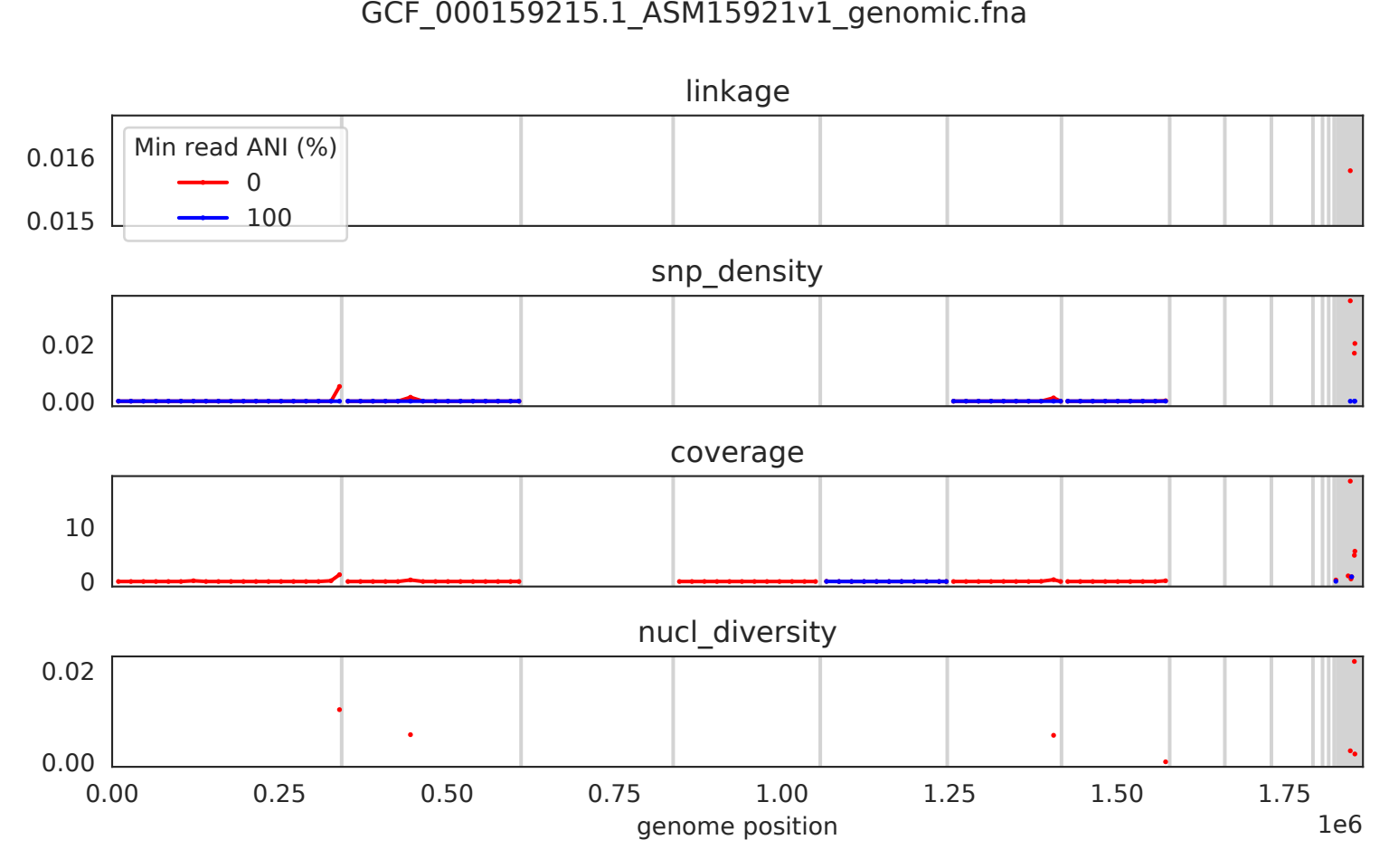

GCF_000014425.1_ASM1442v1_genomic.fna
linkage
0.05
0.00
−0.05
Min read ANI (%)
0
100
snp_density
0.001
0.000
coverage
5
0
nucl_diversity
0.001
0.000
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

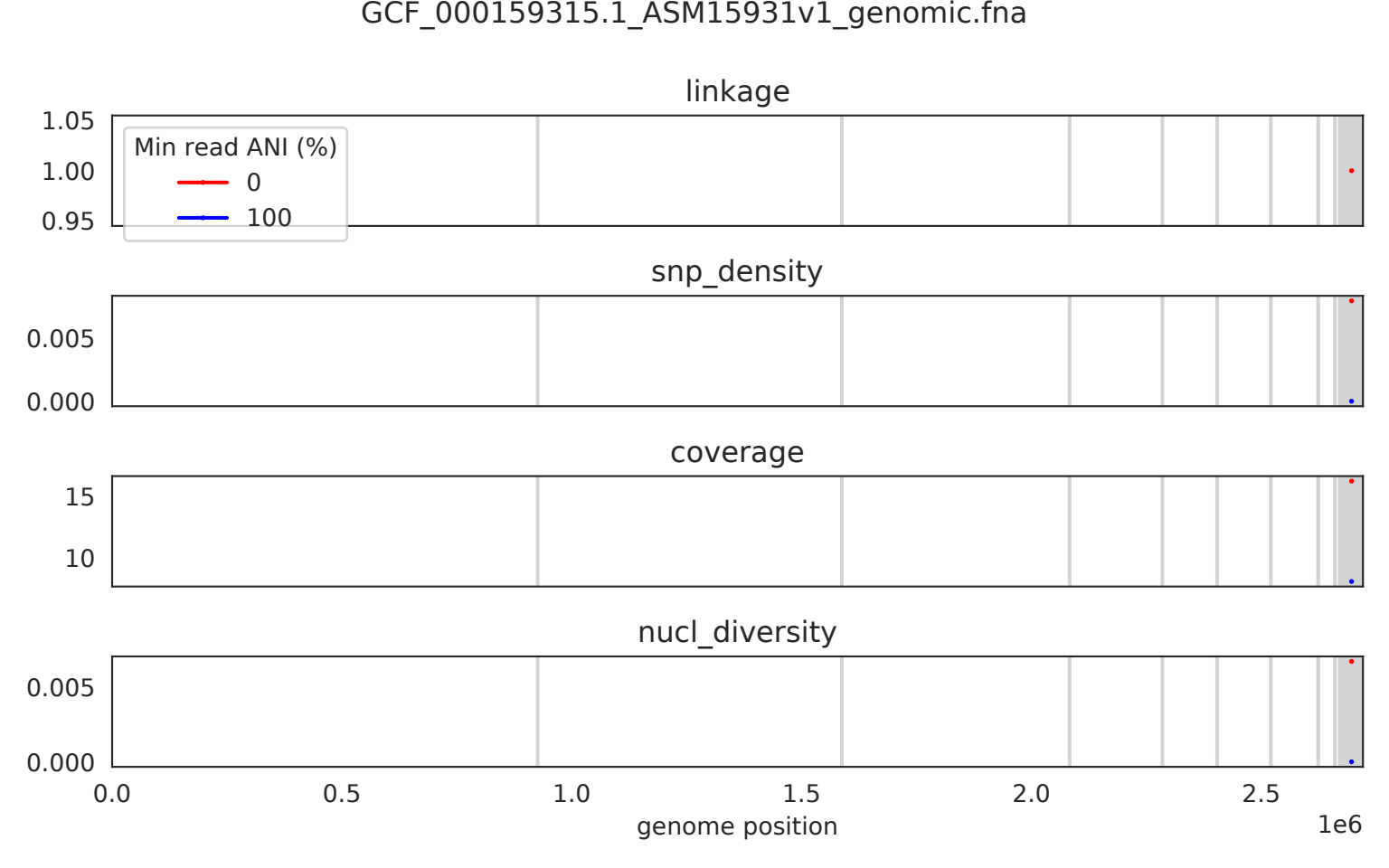

GCF_000014445.1_ASM1444v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0002
0.0001
0.0000
coverage
0.10
0.05
0.00
nucl_diversity
0.0042
0.0040
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

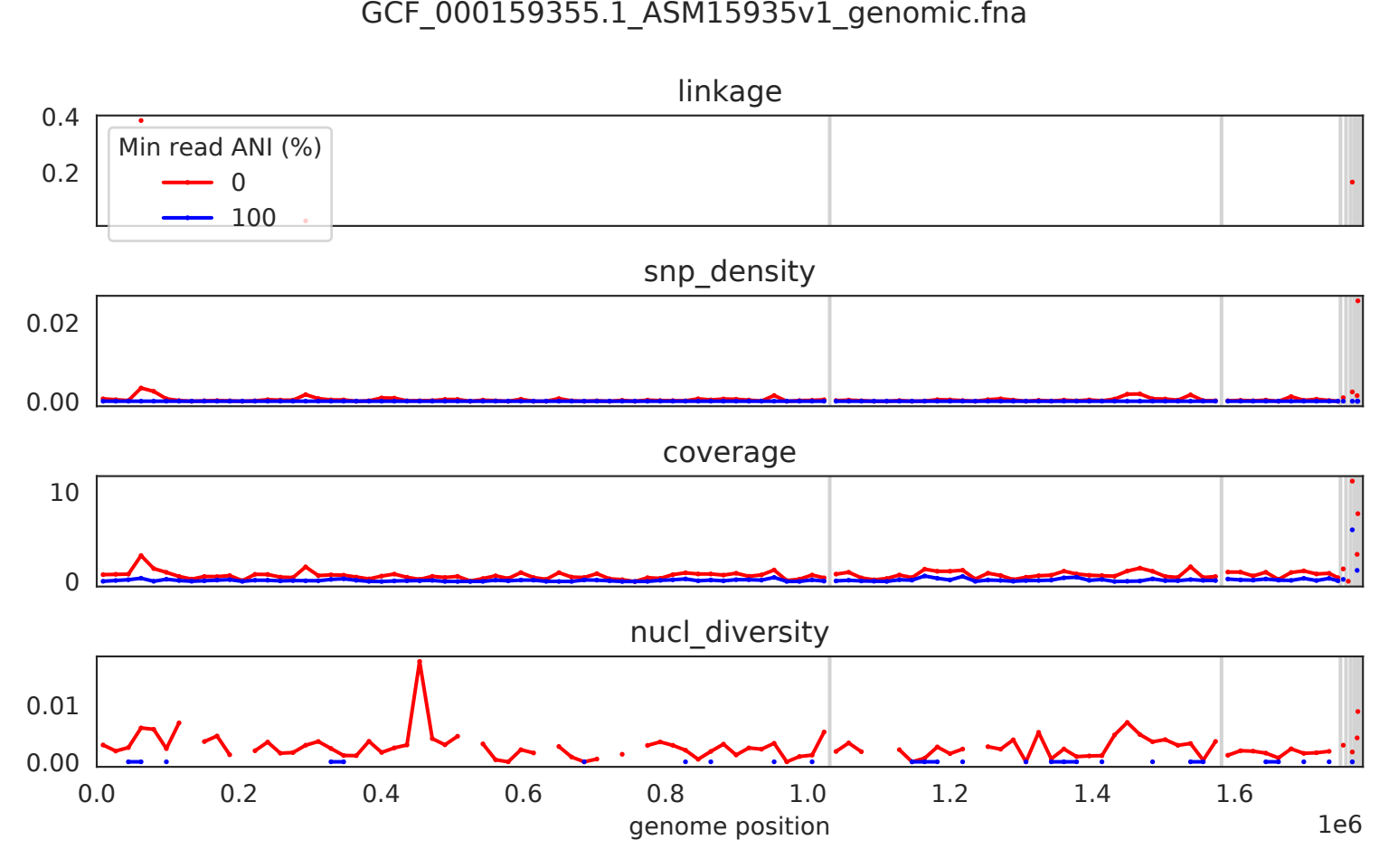

GCF_000016825.1_ASM1682v1_genomic.fna
linkage
1
0
Min read ANI (%)
0
100
snp_density
0.005
0.000
coverage
20
0
nucl_diversity
0.01
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

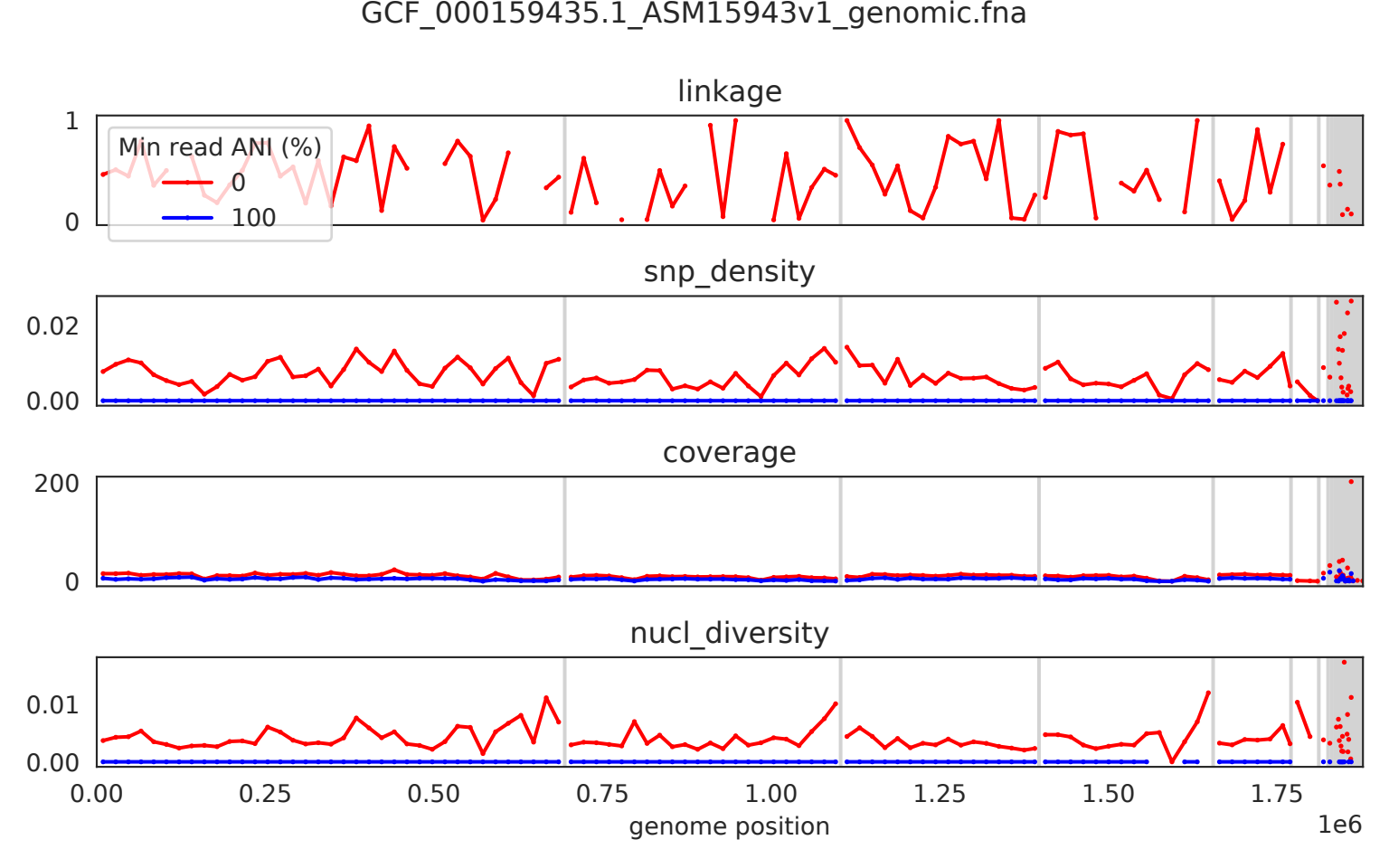

GCF_000092505.1_ASM9250v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0002
0.0001
0.0000
coverage
0.5
0.0
nucl_diversity
0.004
0.002
0.000
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

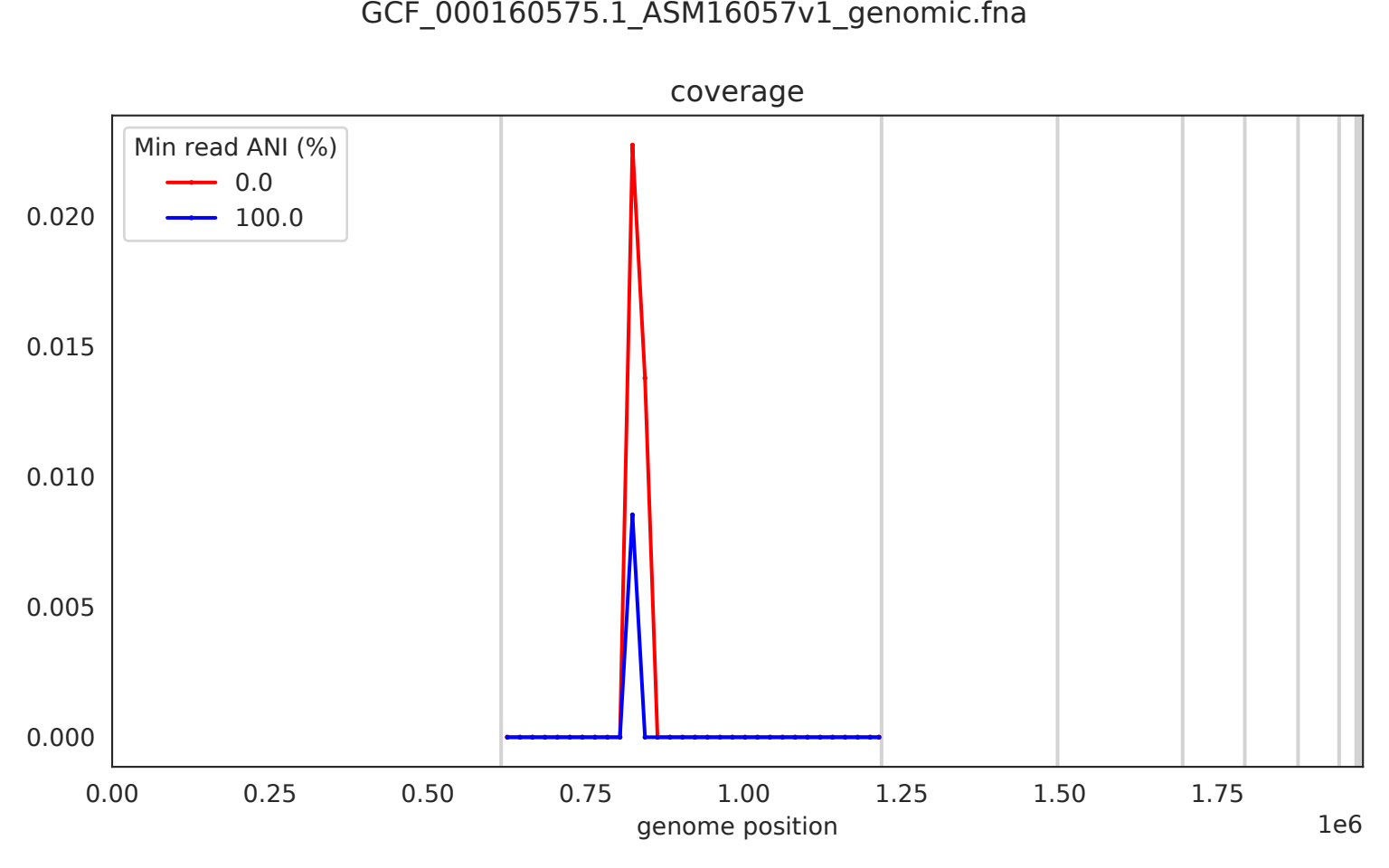

GCF_000146325.1_ASM14632v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0001
0.0000
coverage
0.10
0.05
0.00
nucl_diversity
0.015
0.010
0.005
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

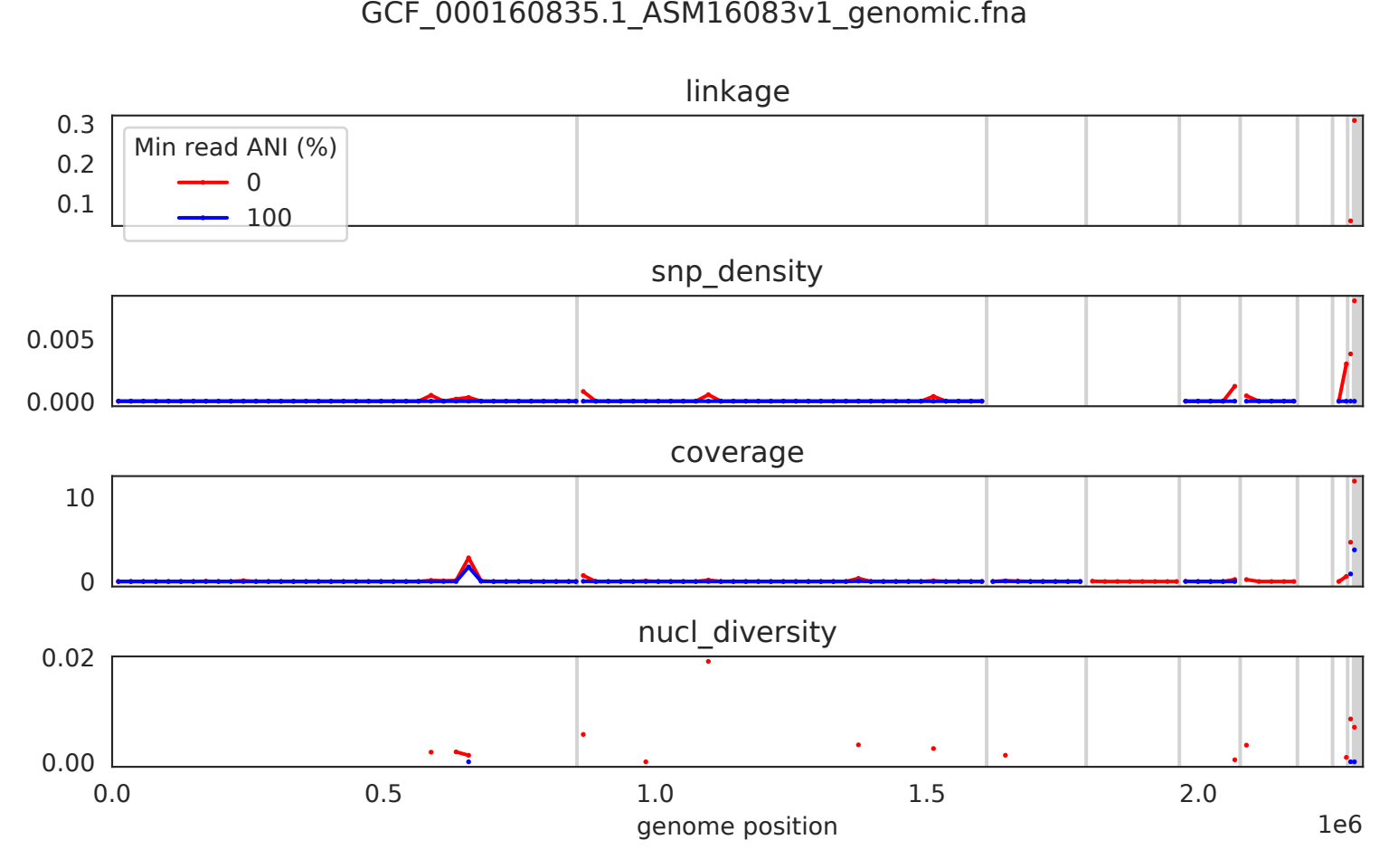

GCF_000159215.1_ASM15921v1_genomic.fna
linkage
Min read ANI (%)
0
100
0.016
0.015
snp_density
0.02
0.00
coverage
10
0
nucl_diversity
0.02
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

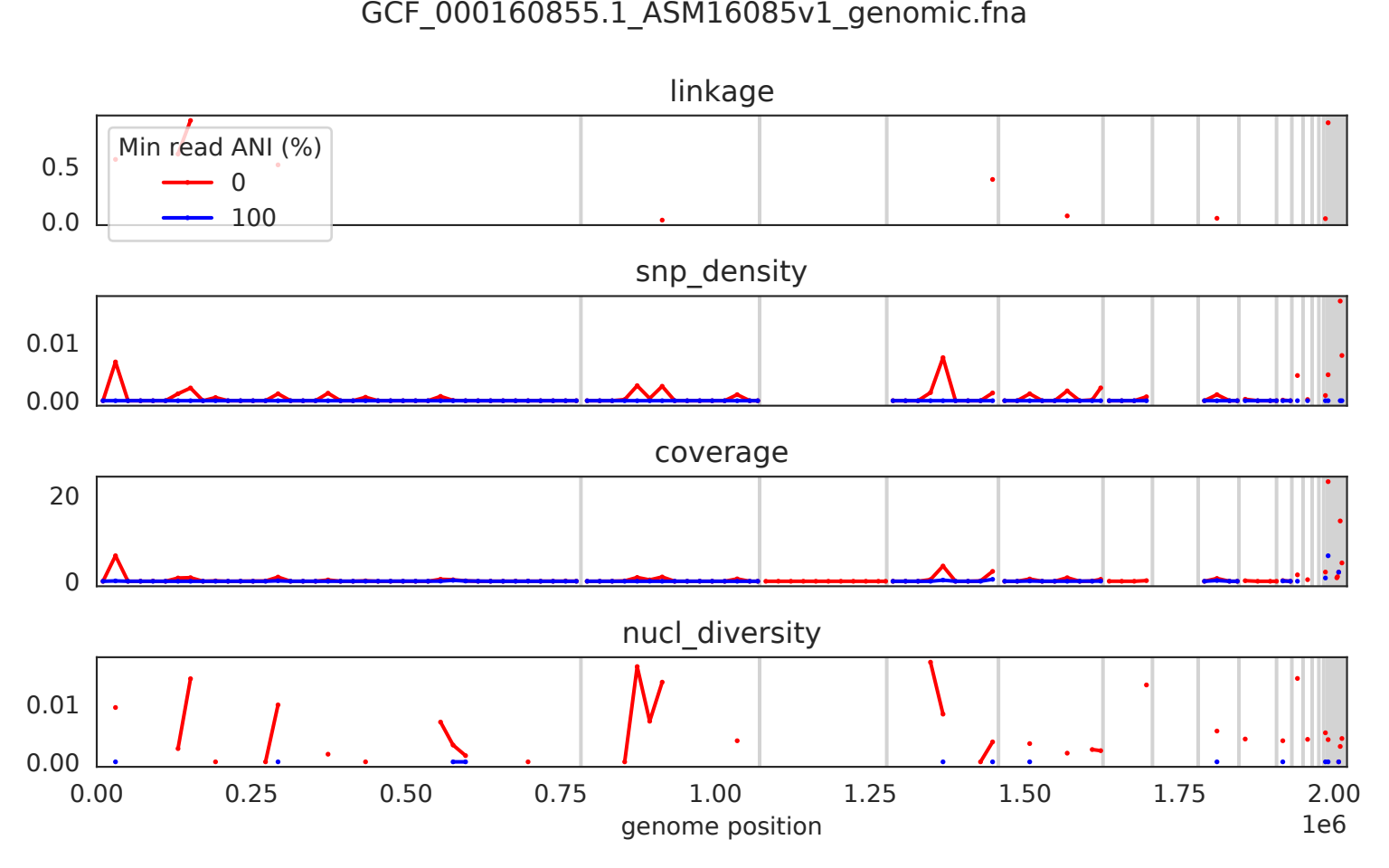

GCF_000159315.1_ASM15931v1_genomic.fna
linkage
1.05
1.00
0.95
Min read ANI (%)
0
100
snp_density
0.005
0.000
coverage
15
10
nucl_diversity
0.005
0.000
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

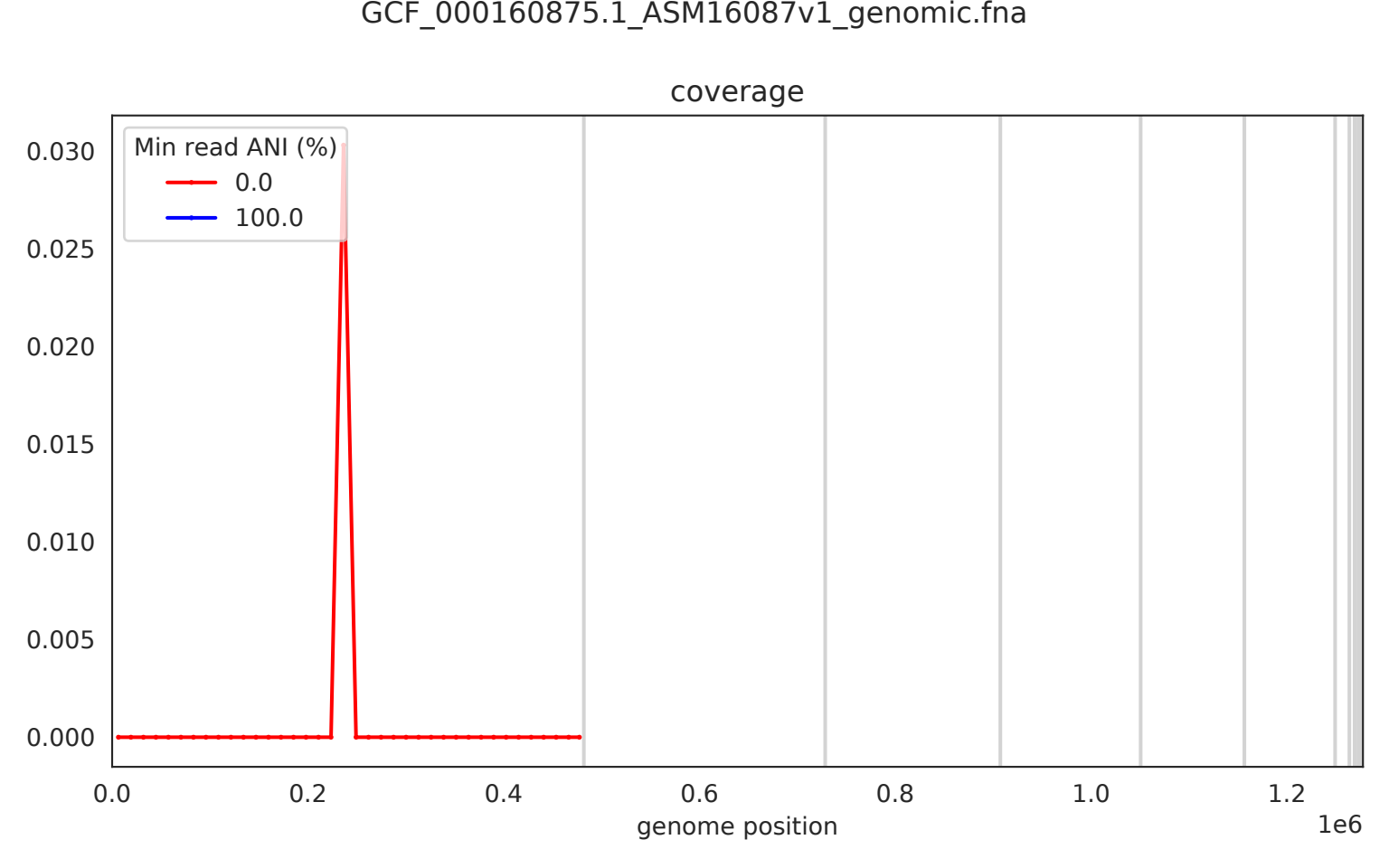

GCF_000159355.1_ASM15935v1_genomic.fna
linkage
0.4
0.2
Min read ANI (%)
0
100
snp_density
0.02
0.00
coverage
10
0
nucl_diversity
0.01
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6

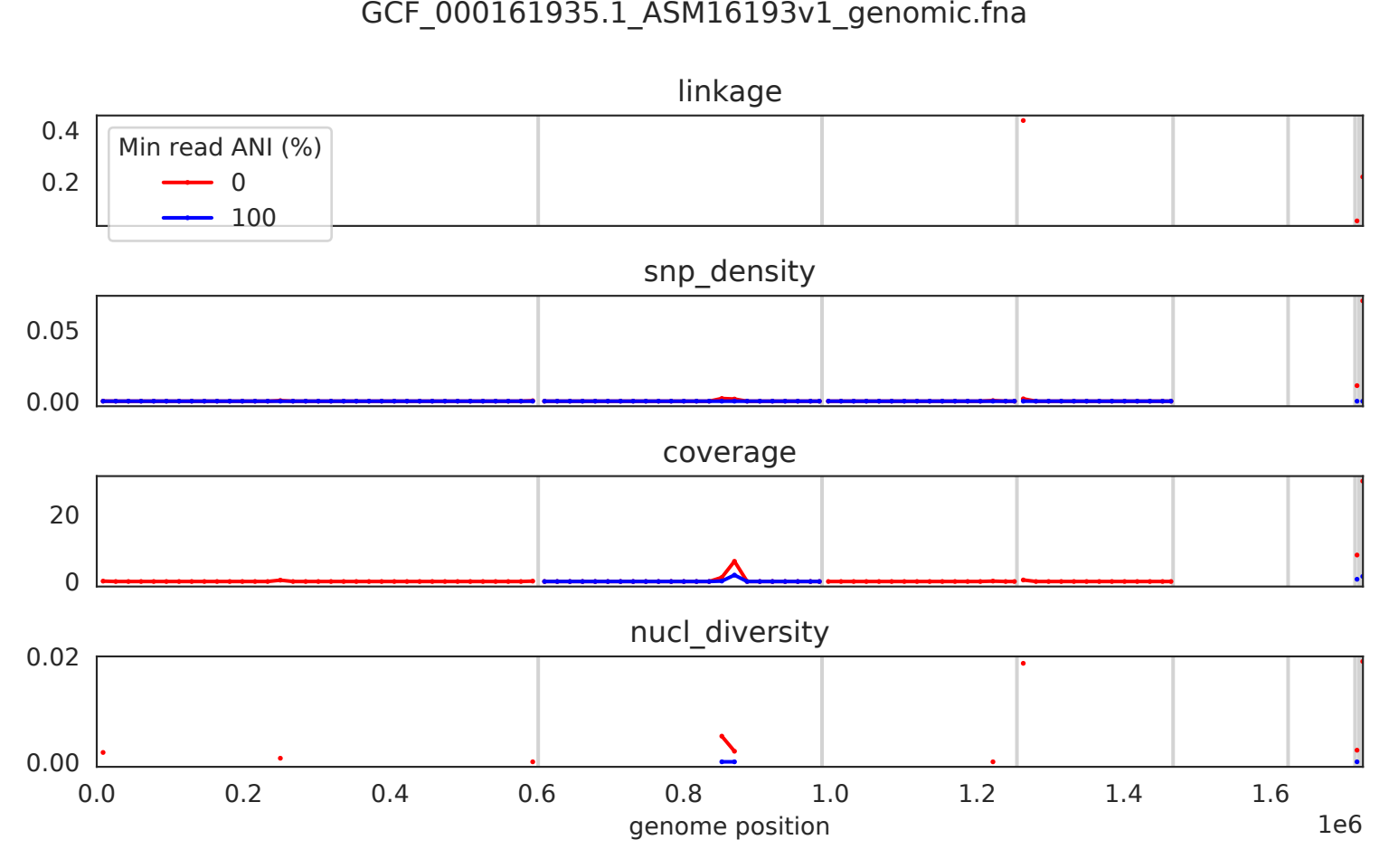

GCF_000159435.1_ASM15943v1_genomic.fna
linkage
Min read ANI (%)
0
100
1
0
snp_density
0.02
0.00
coverage
200
0
nucl_diversity
0.01
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

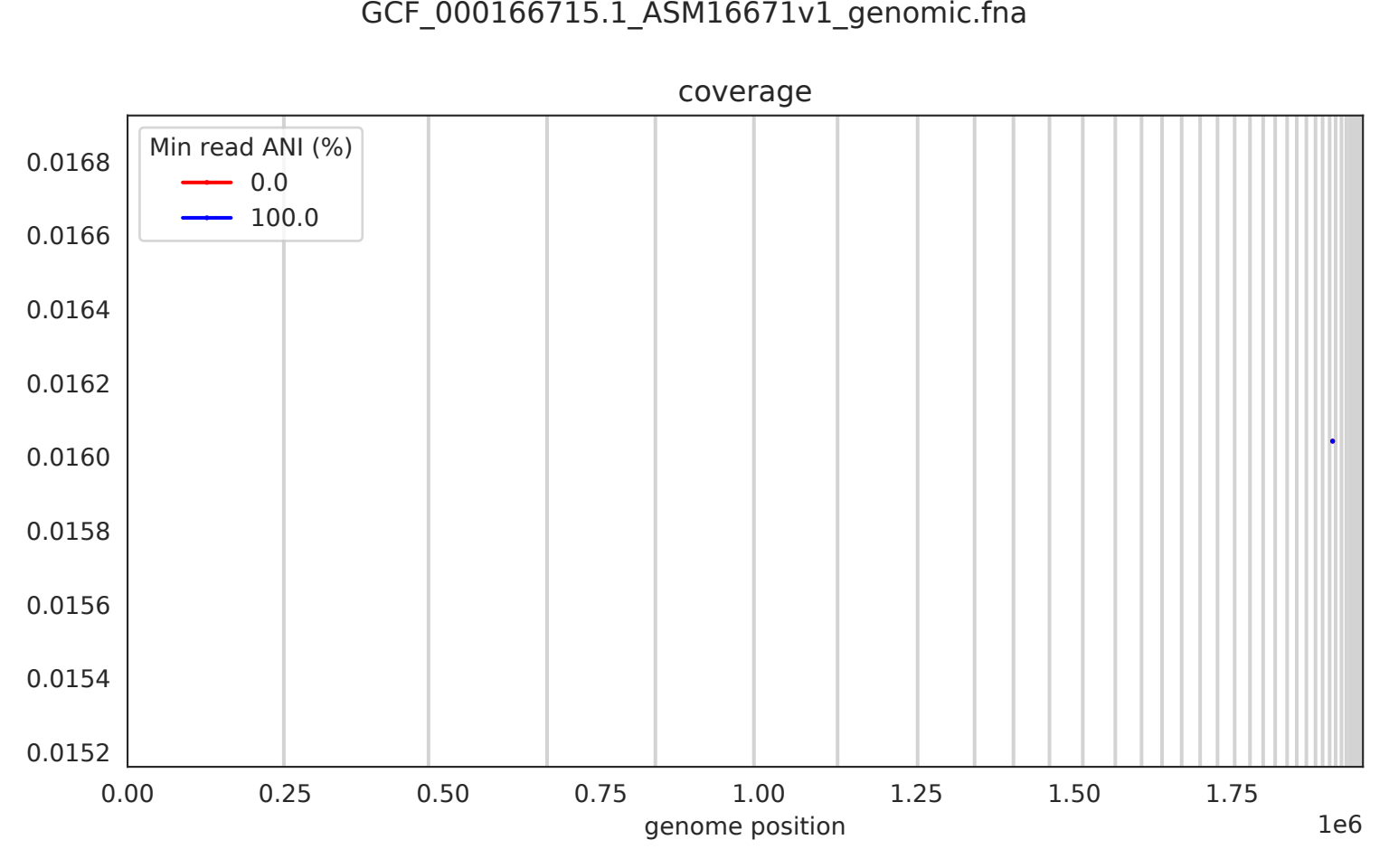

GCF_000160575.1_ASM16057v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.020
0.015
0.010
0.005
0.000
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

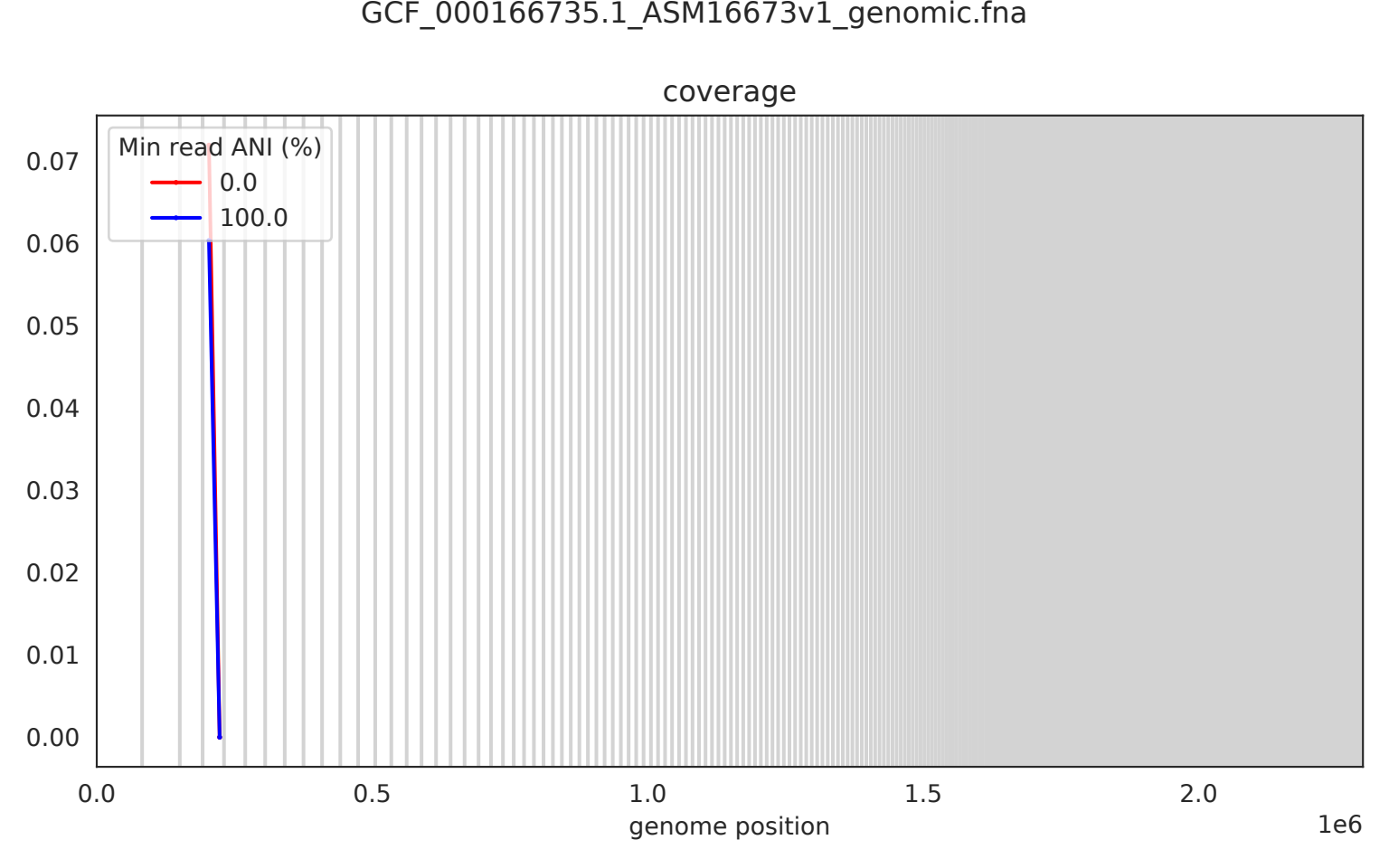

GCF_000160835.1_ASM16083v1_genomic.fna
linkage
0.3
0.2
0.1
Min read ANI (%)
0
100
snp_density
0.005
0.000
coverage
10
0
nucl_diversity
0.02
0.00
0.0
0.5
1.0
1.5
2.0
genome position
1e6

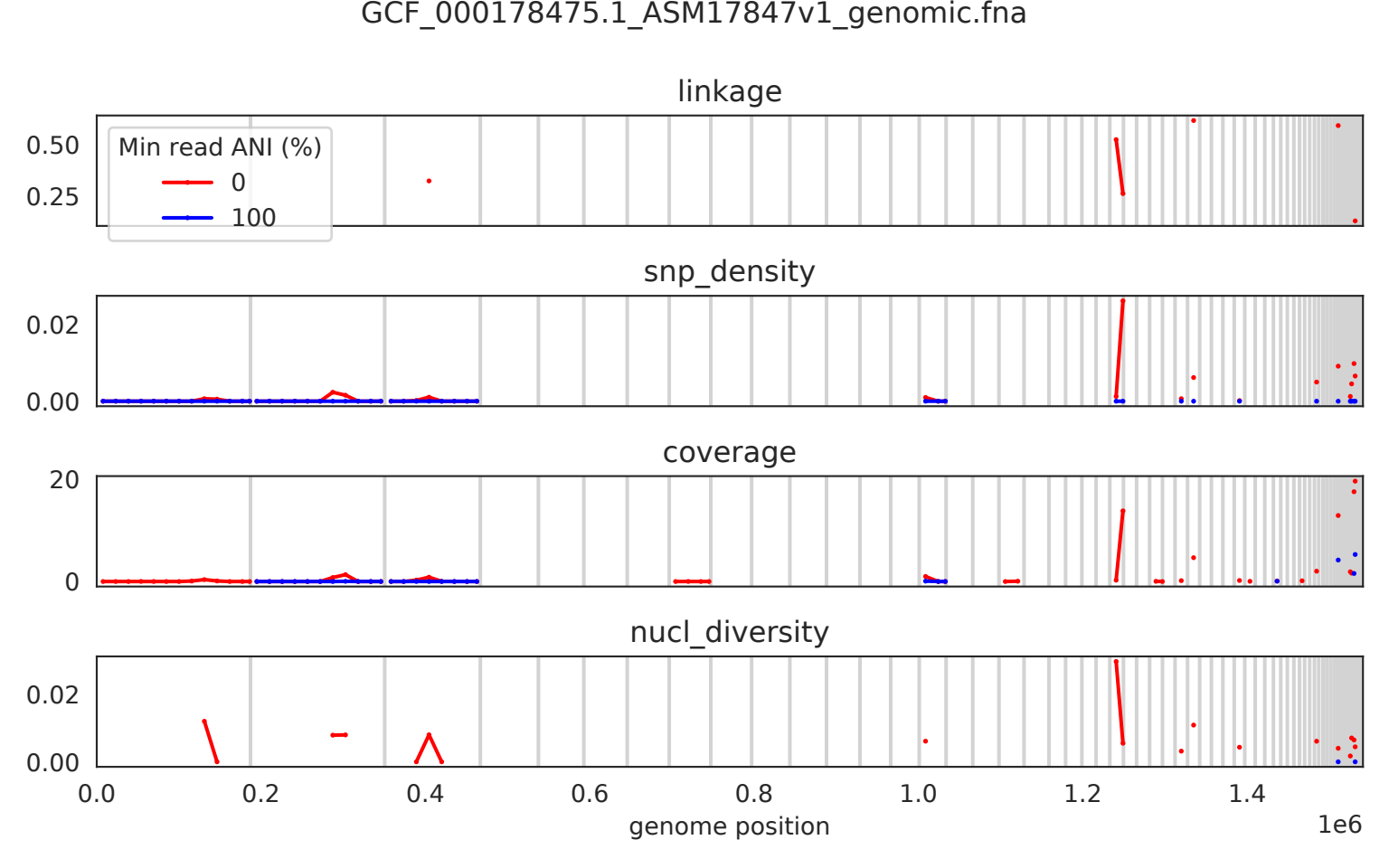

GCF_000160855.1_ASM16085v1_genomic.fna
linkage
Min read ANI (%)
0
100
0.5
0.0
snp_density
0.01
0.00
coverage
20
0
nucl_diversity
0.01
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

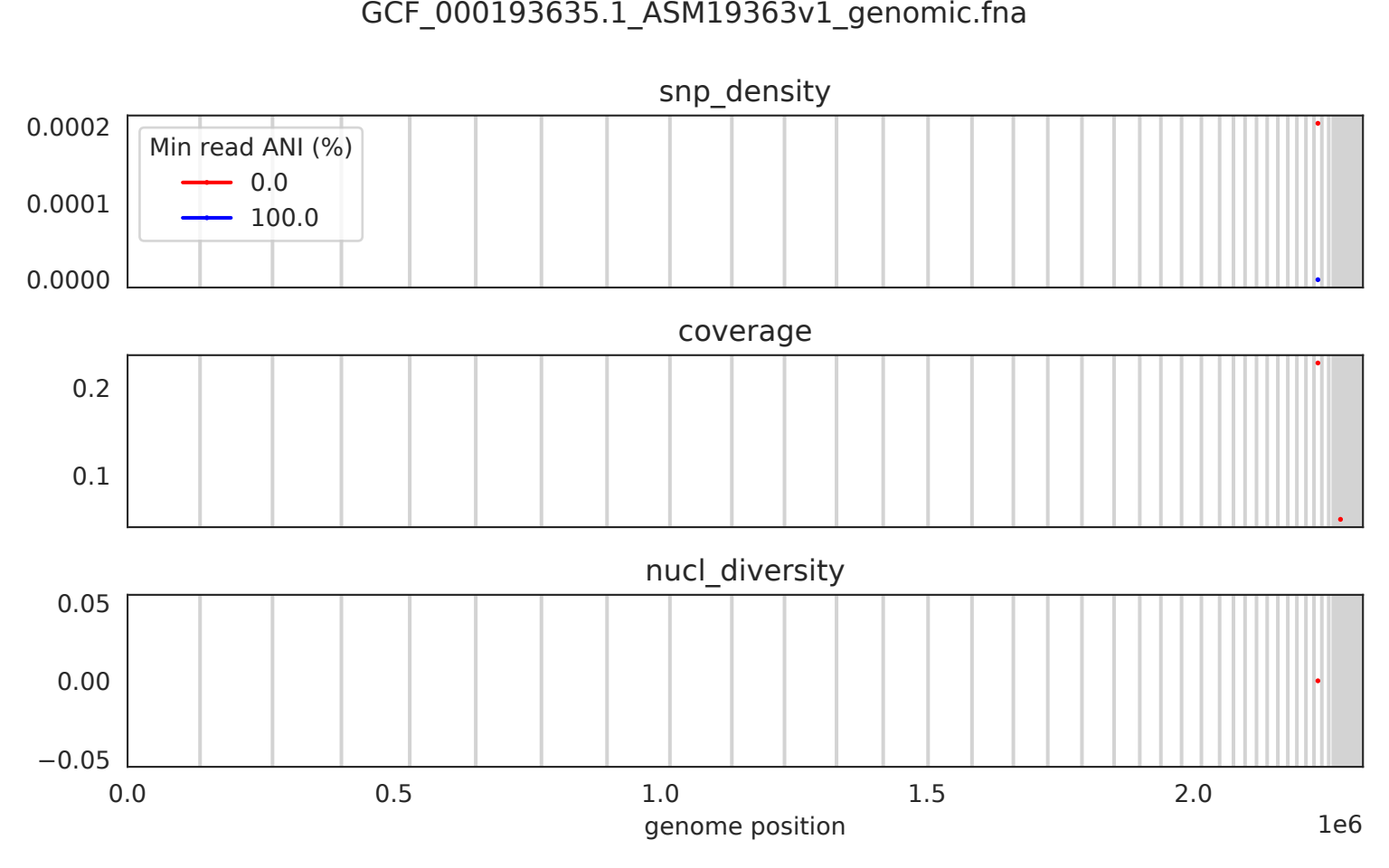

GCF_000160875.1_ASM16087v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.030
0.025
0.020
0.015
0.010
0.005
0.000
0.0
0.2
0.4
0.6
0.8
1.0
1.2
genome position
1e6

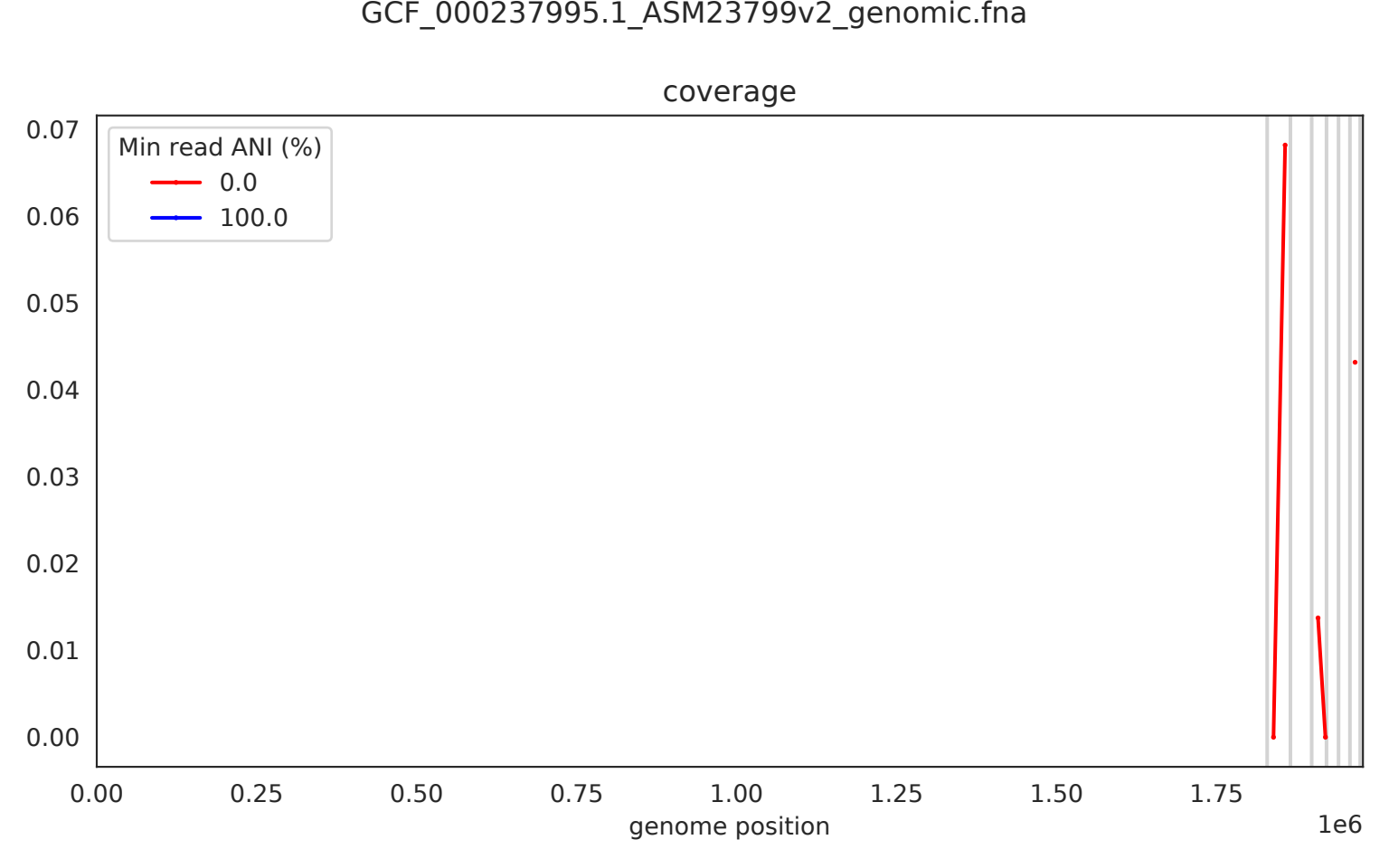

GCF_000161935.1_ASM16193v1_genomic.fna
linkage
Min read ANI (%)
0
100
0.4
0.2
snp_density
0.05
0.00
coverage
20
0
nucl_diversity
0.02
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6

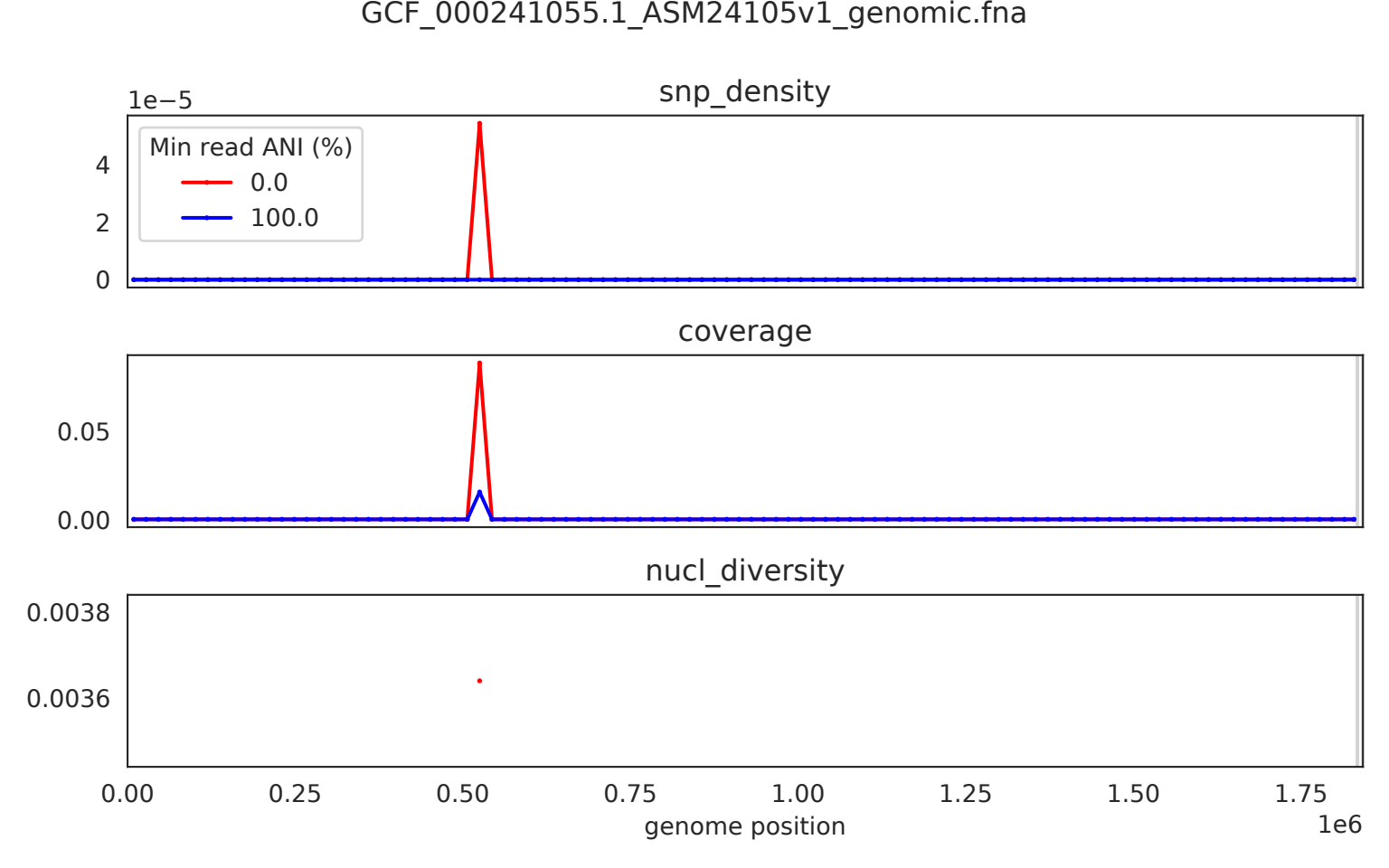

GCF_000166715.1_ASM16671v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.0168
0.0166
0.0164
0.0162
0.0160
0.0158
0.0156
0.0154
0.0152
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

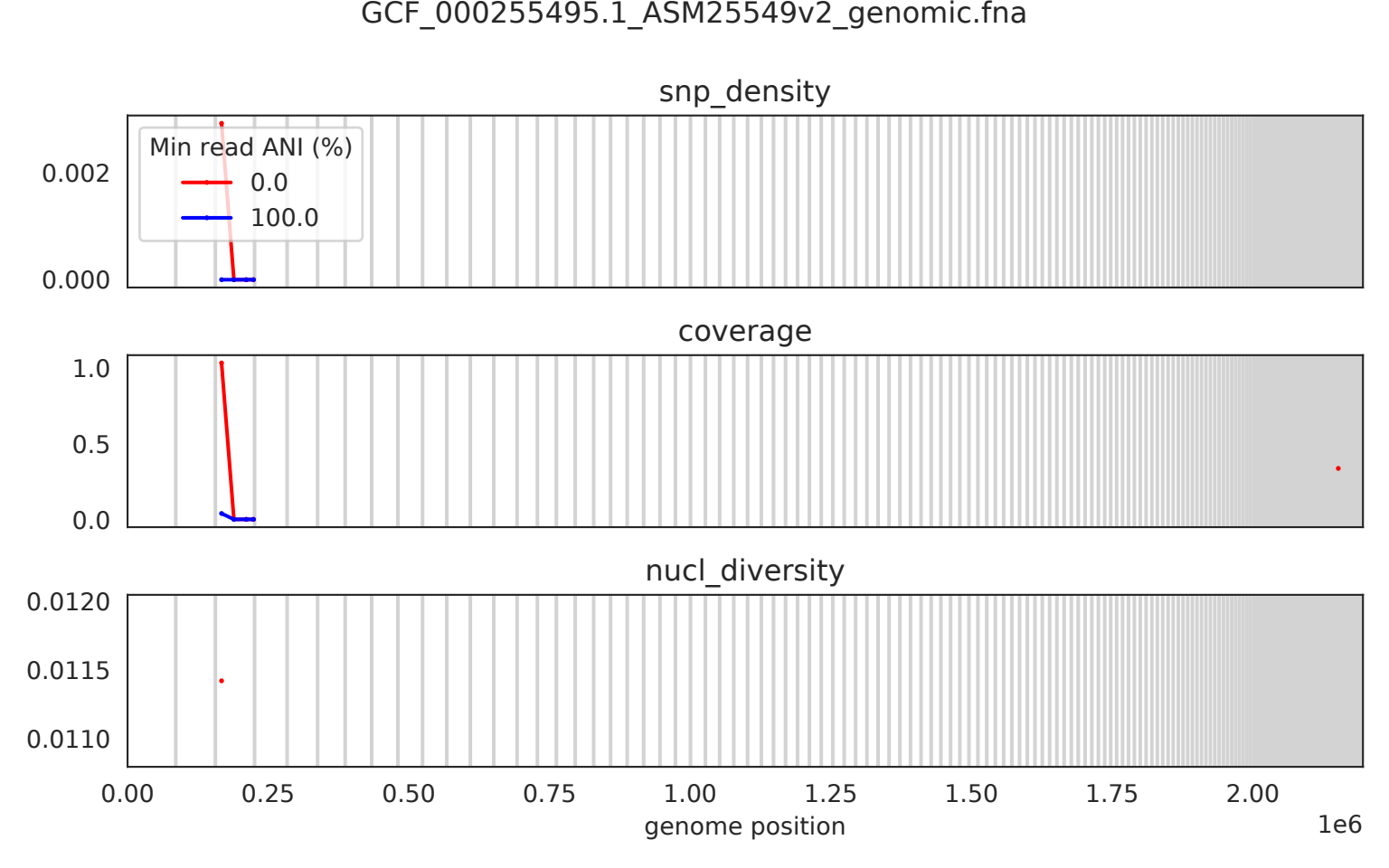

GCF_000166735.1_ASM16673v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
0.0
0.5
1.0
1.5
2.0
genome position
1e6

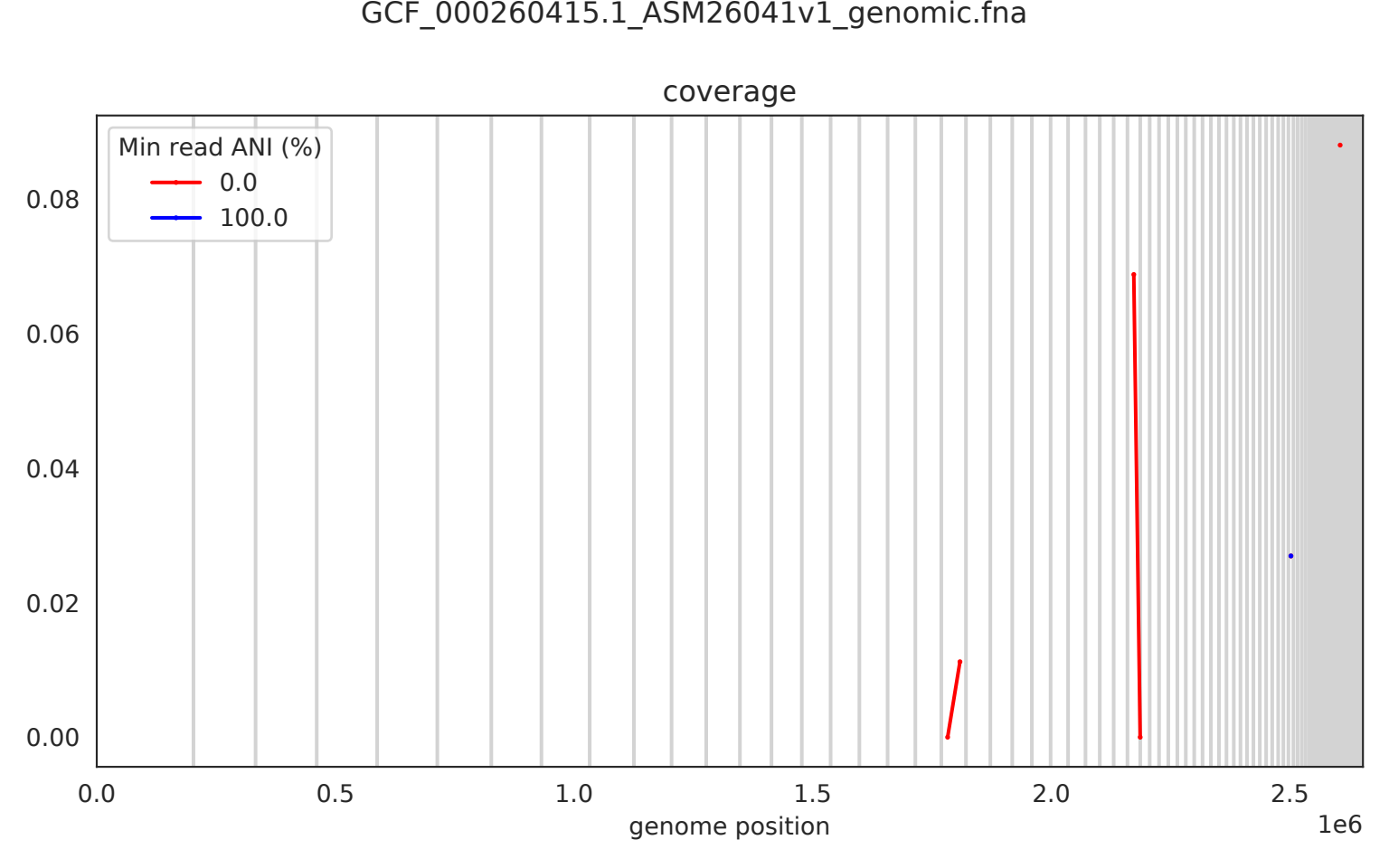

GCF_000178475.1_ASM17847v1_genomic.fna
linkage
Min read ANI (%)
0
100
0.50
0.25
snp_density
0.02
0.00
coverage
20
0
nucl_diversity
0.02
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
genome position
1e6

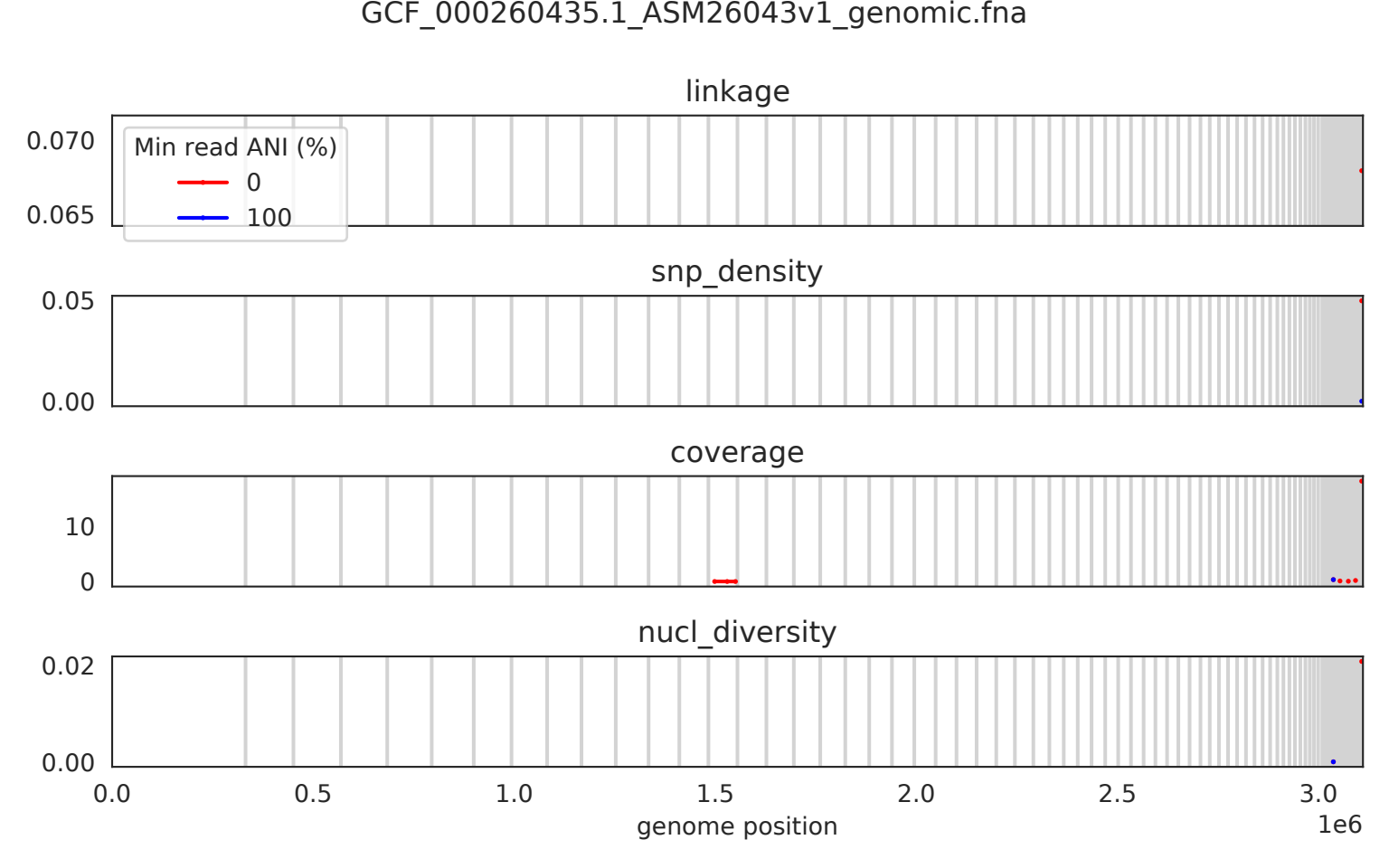

GCF_000193635.1_ASM19363v1_genomic.fna
snp_density
0.0002
0.0001
0.0000
Min read ANI (%)
0.0
100.0
coverage
0.2
0.1
nucl_diversity
0.05
0.00
−0.05
0.0
0.5
1.0
1.5
2.0
genome position
1e6

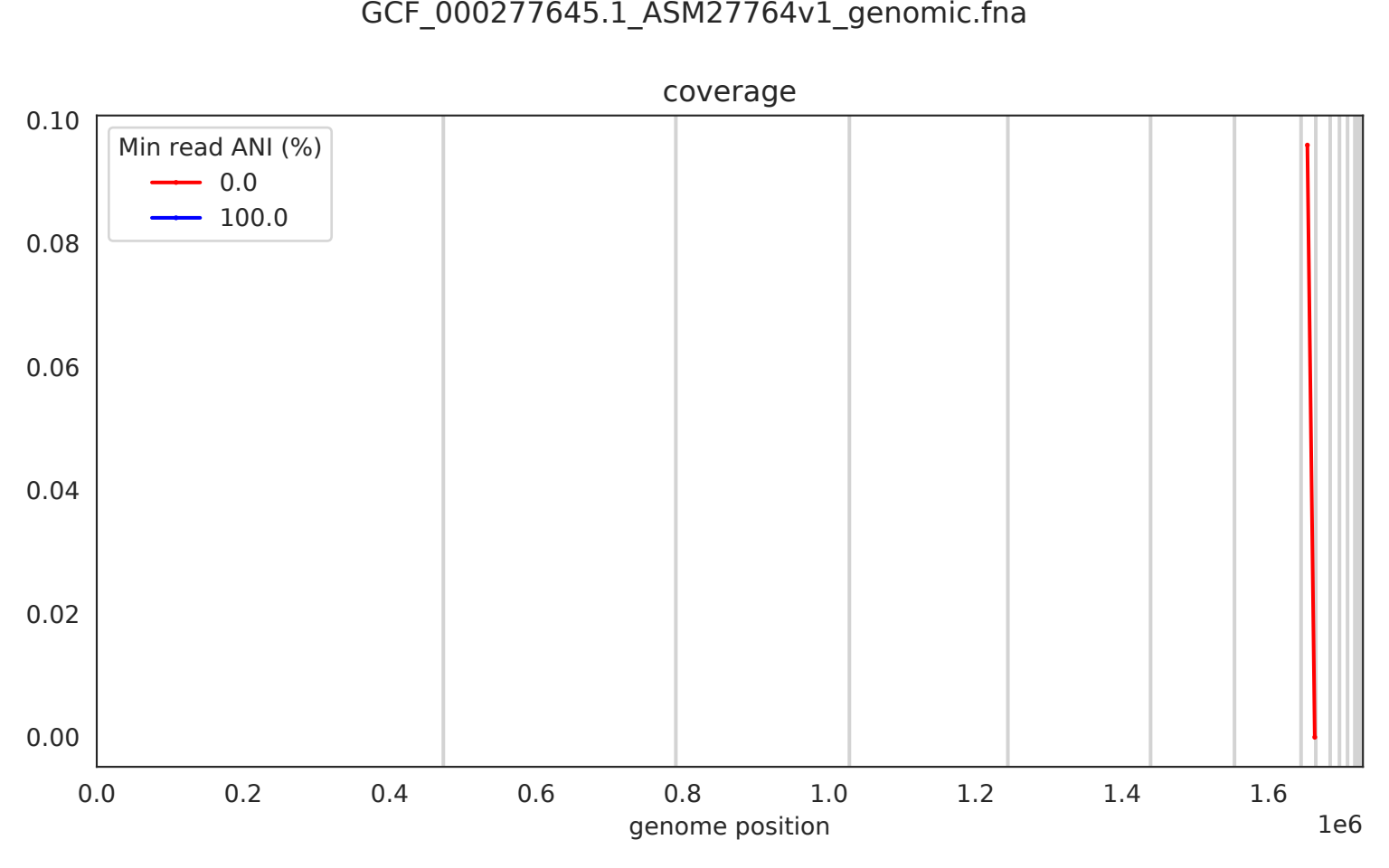

GCF_000237995.1_ASM23799v2_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

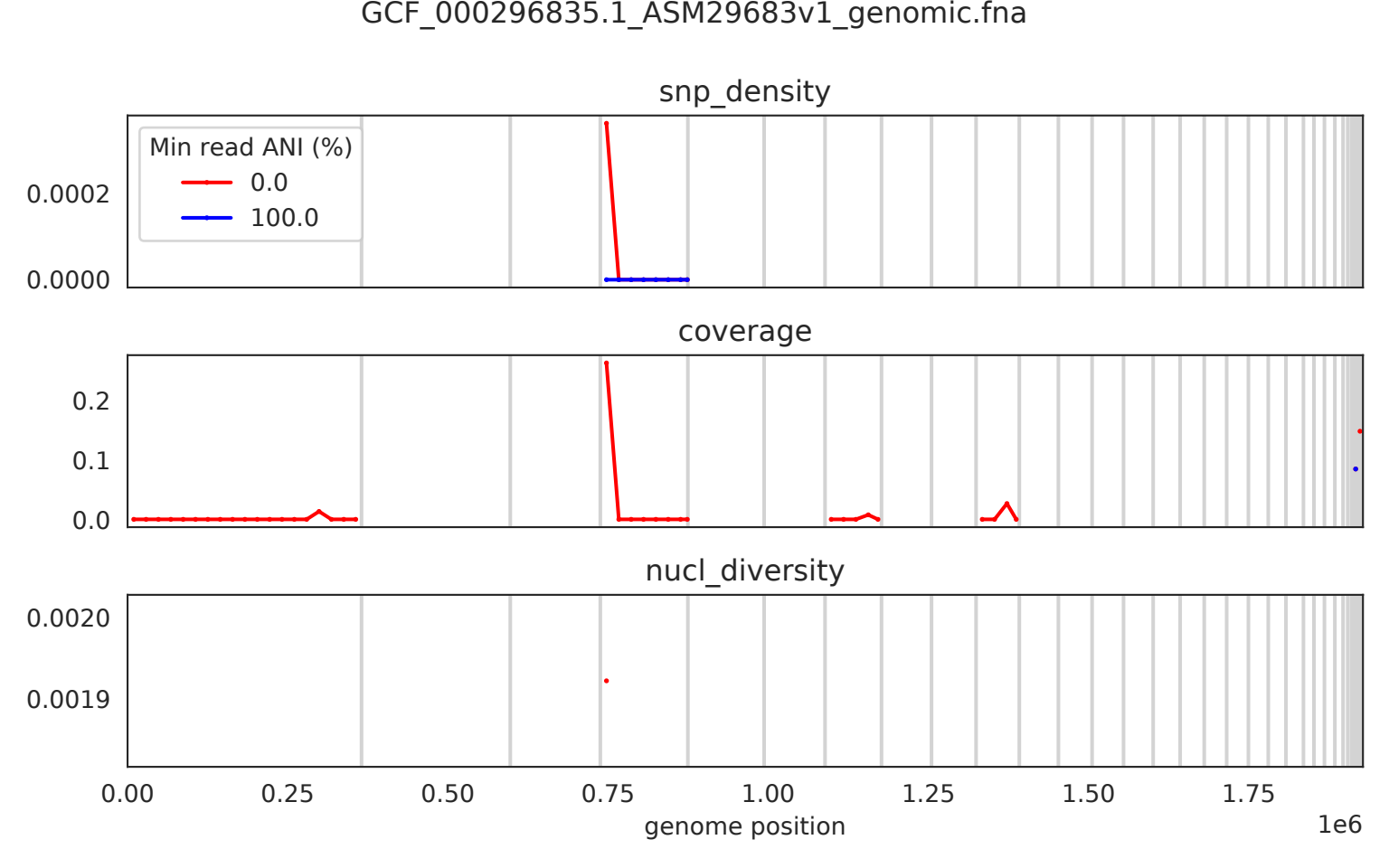

GCF_000241055.1_ASM24105v1_genomic.fna
snp_density
1e−5
Min read ANI (%)
0.0
100.0
4
2
0
coverage
0.05
0.00
nucl_diversity
0.0038
0.0036
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

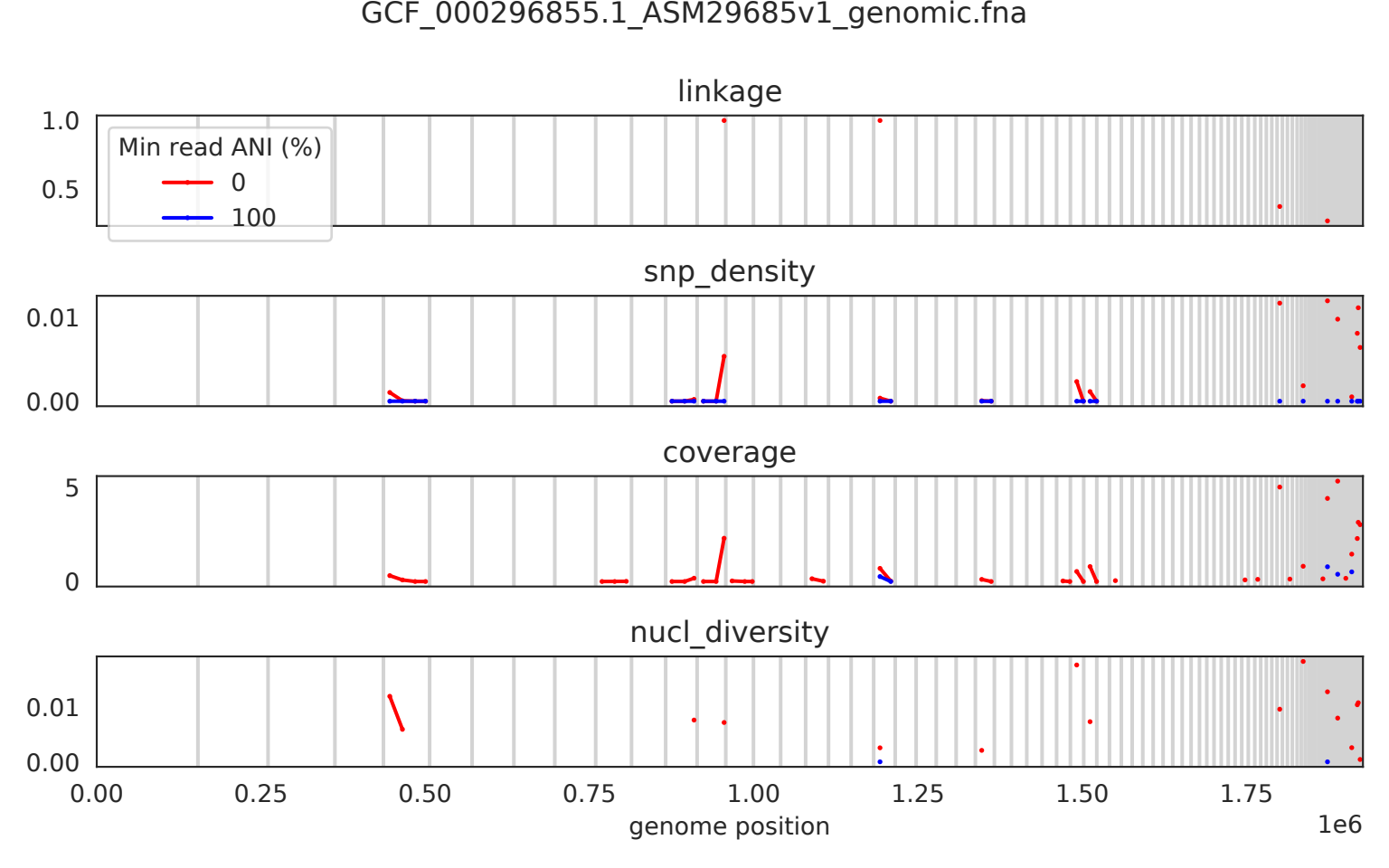

GCF_000255495.1_ASM25549v2_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.002
0.000
coverage
1.0
0.5
0.0
nucl_diversity
0.0120
0.0115
0.0110
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

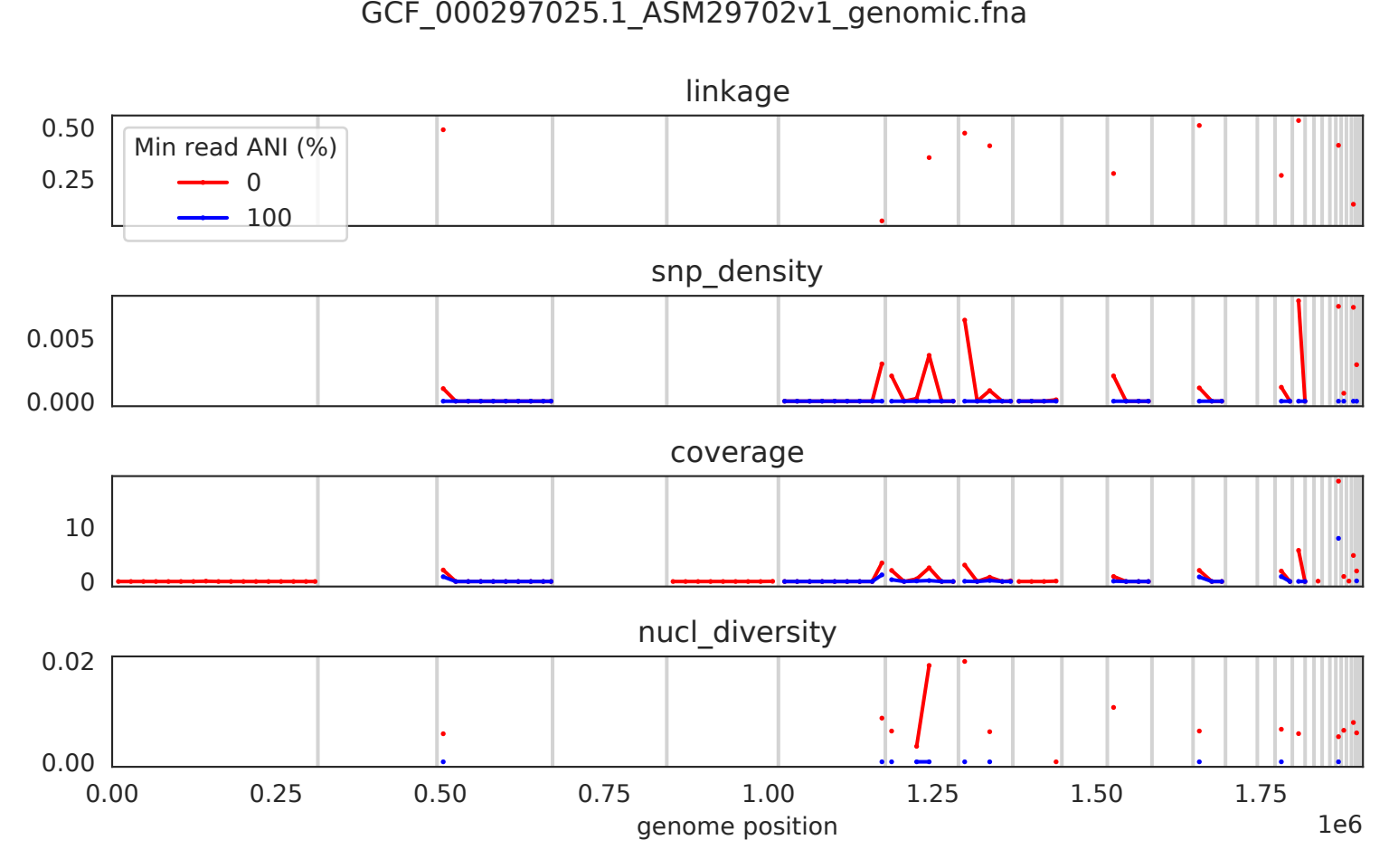

GCF_000260415.1_ASM26041v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.08
0.06
0.04
0.02
0.00
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

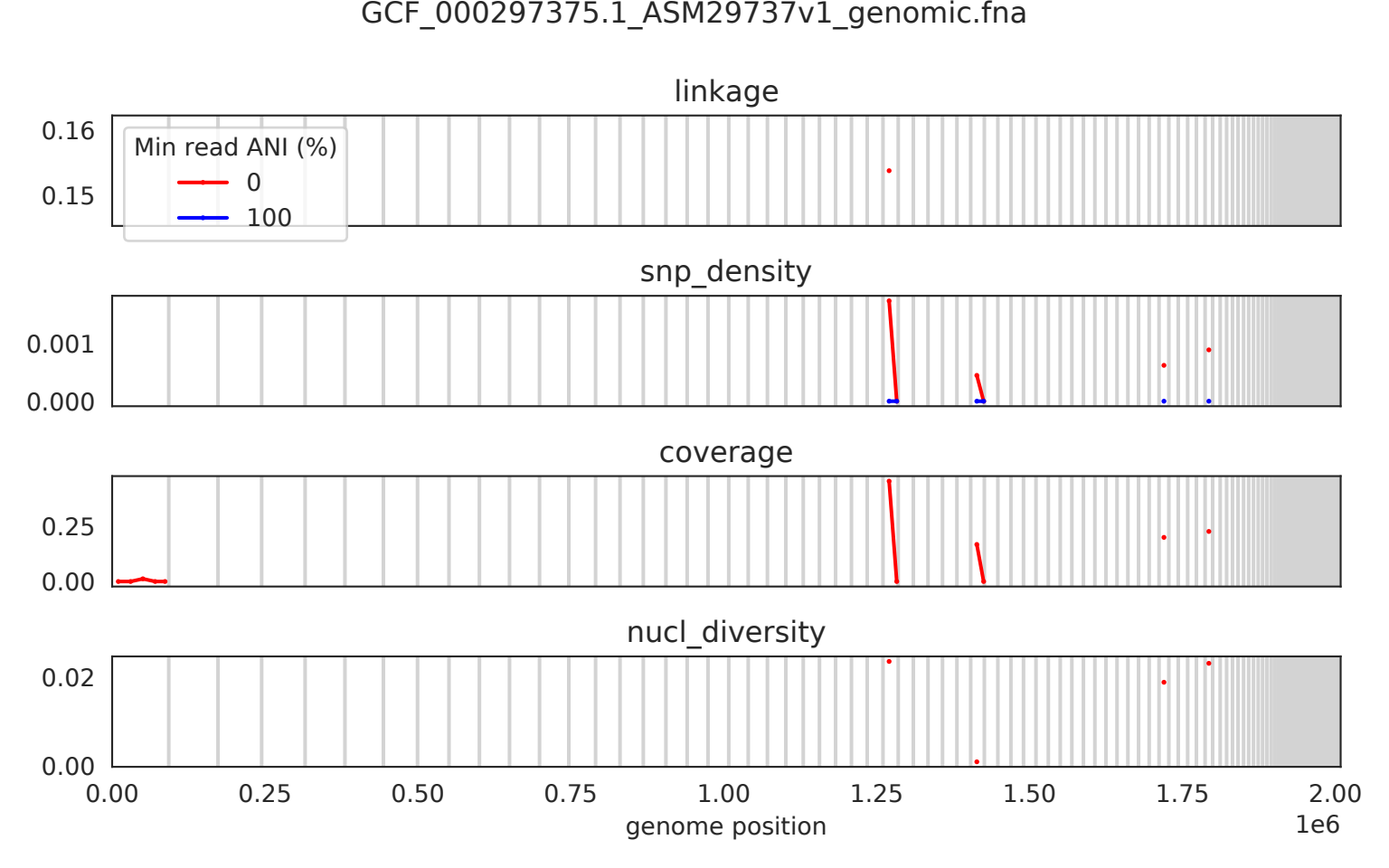

GCF_000260435.1_ASM26043v1_genomic.fna
linkage
Min read ANI (%)
0
100
0.070
0.065
snp_density
0.05
0.00
coverage
10
0
nucl_diversity
0.02
0.00
0.0
0.5
1.0
1.5
2.0
2.5
3.0
genome position
1e6

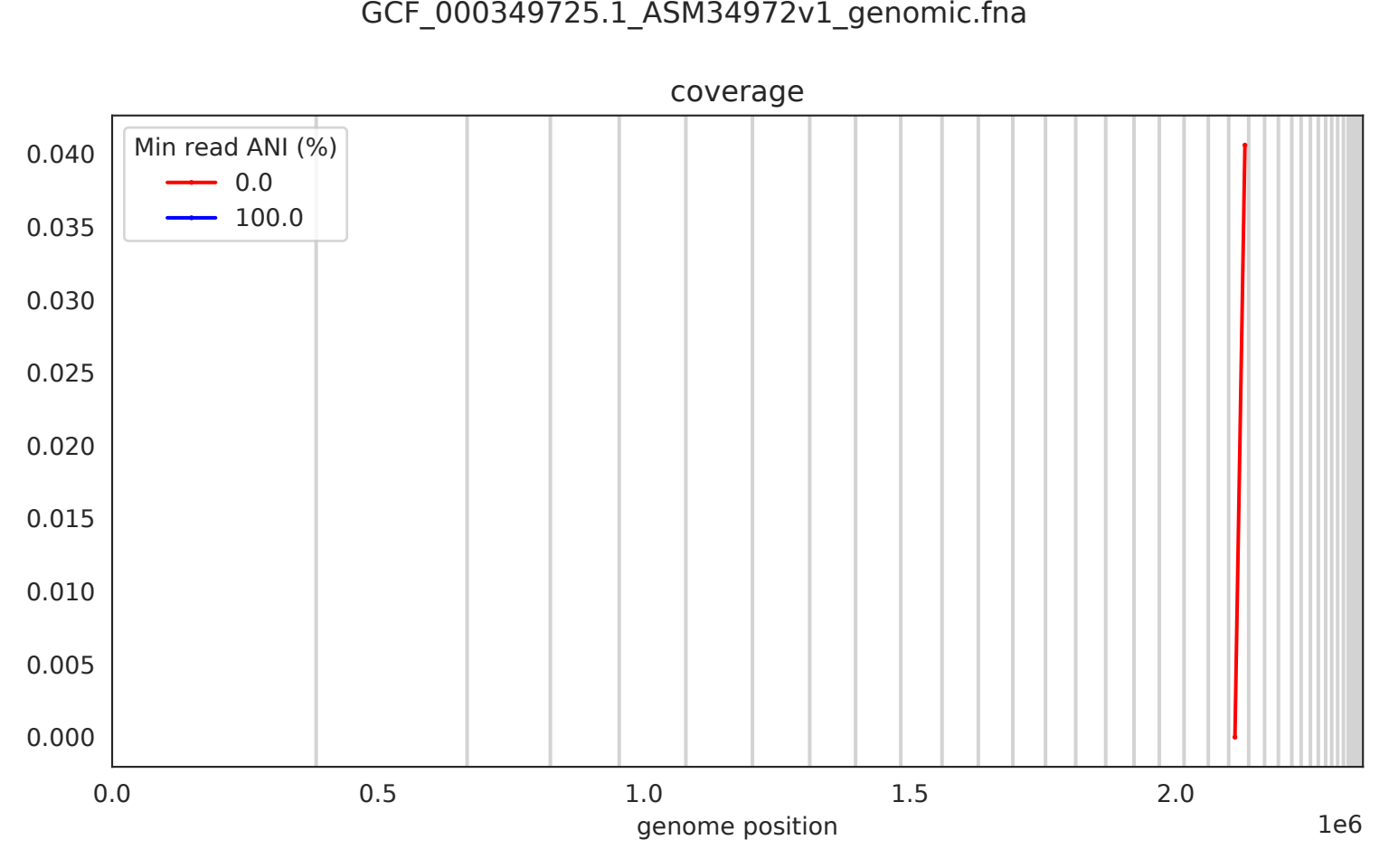

GCF_000277645.1_ASM27764v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.10
0.08
0.06
0.04
0.02
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6

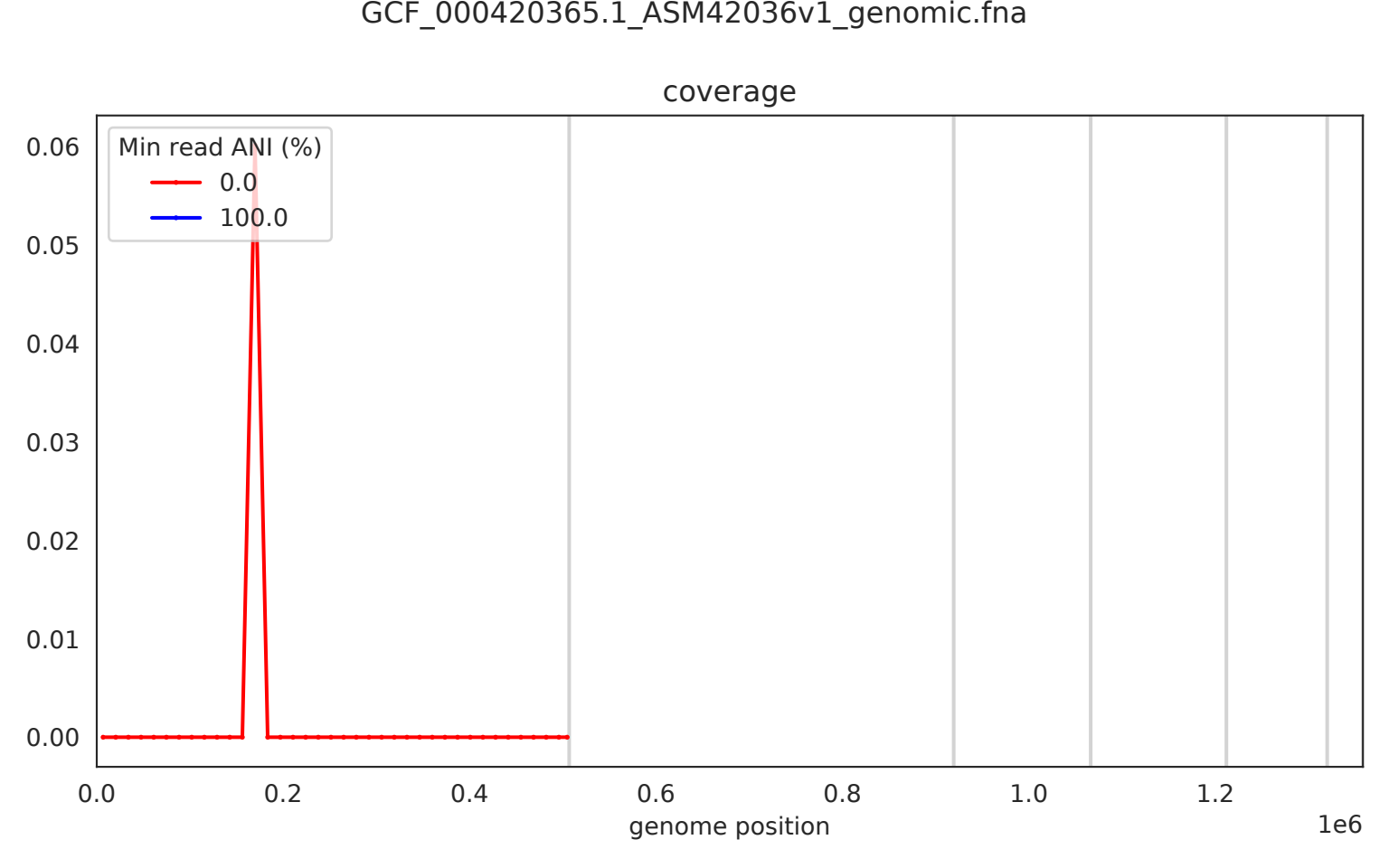

GCF_000296835.1_ASM29683v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0002
0.0000
coverage
0.2
0.1
0.0
nucl_diversity
0.0020
0.0019
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

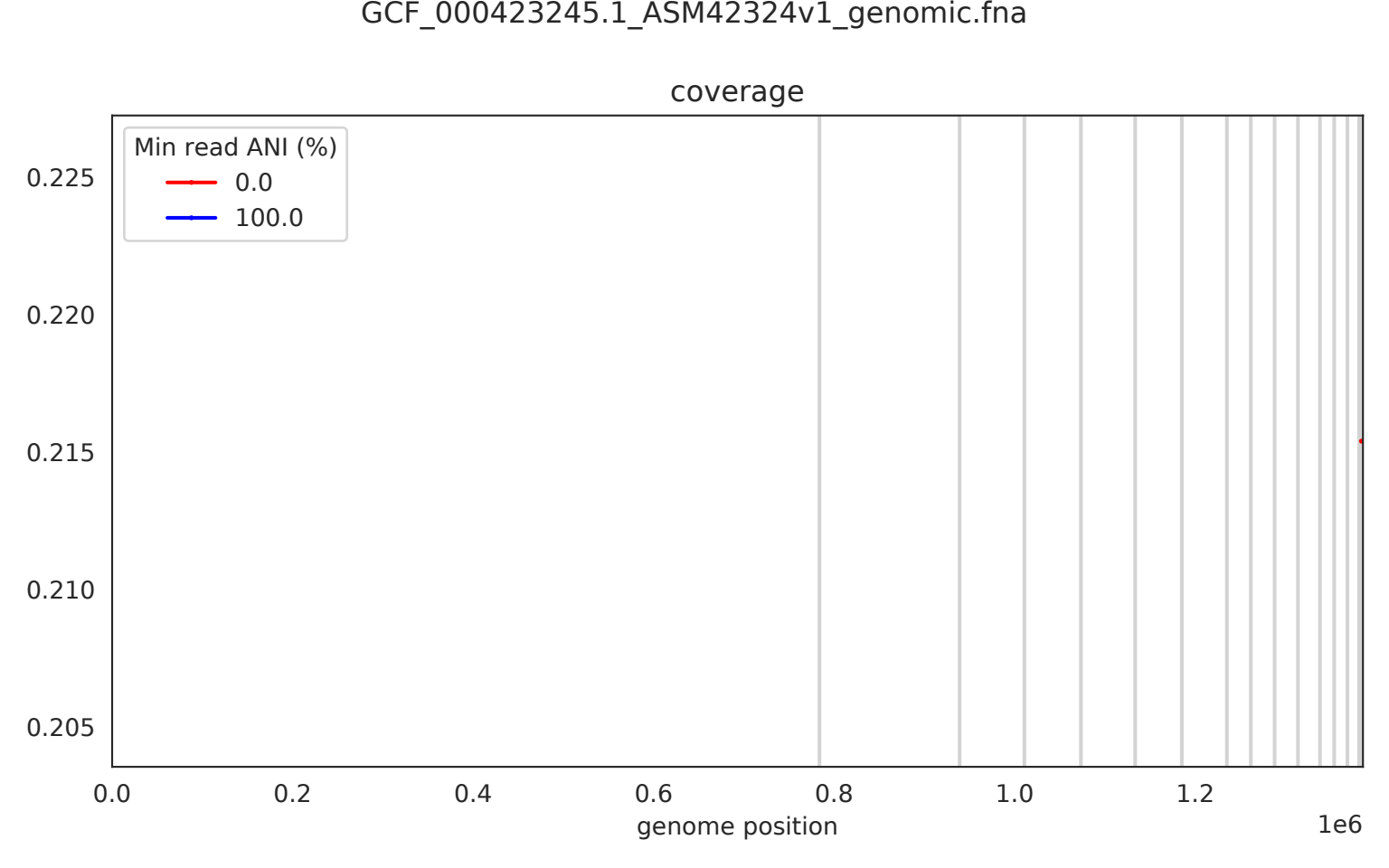

GCF_000296855.1_ASM29685v1_genomic.fna
linkage
1.0
0.5
Min read ANI (%)
0
100
snp_density
0.01
0.00
coverage
5
0
nucl_diversity
0.01
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

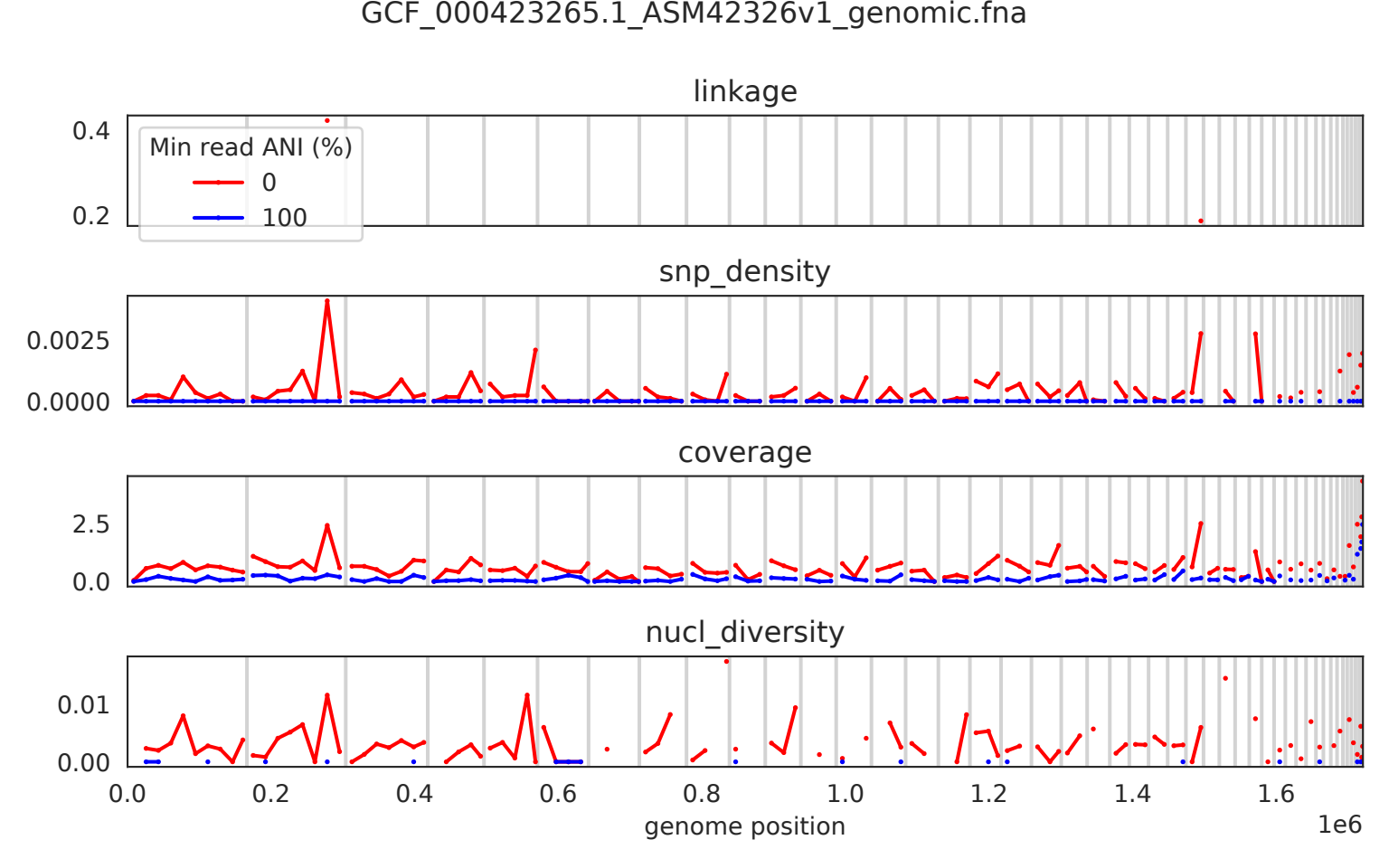

GCF_000297025.1_ASM29702v1_genomic.fna
linkage
0.50
0.25
Min read ANI (%)
0
100
snp_density
0.005
0.000
coverage
10
0
nucl_diversity
0.02
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

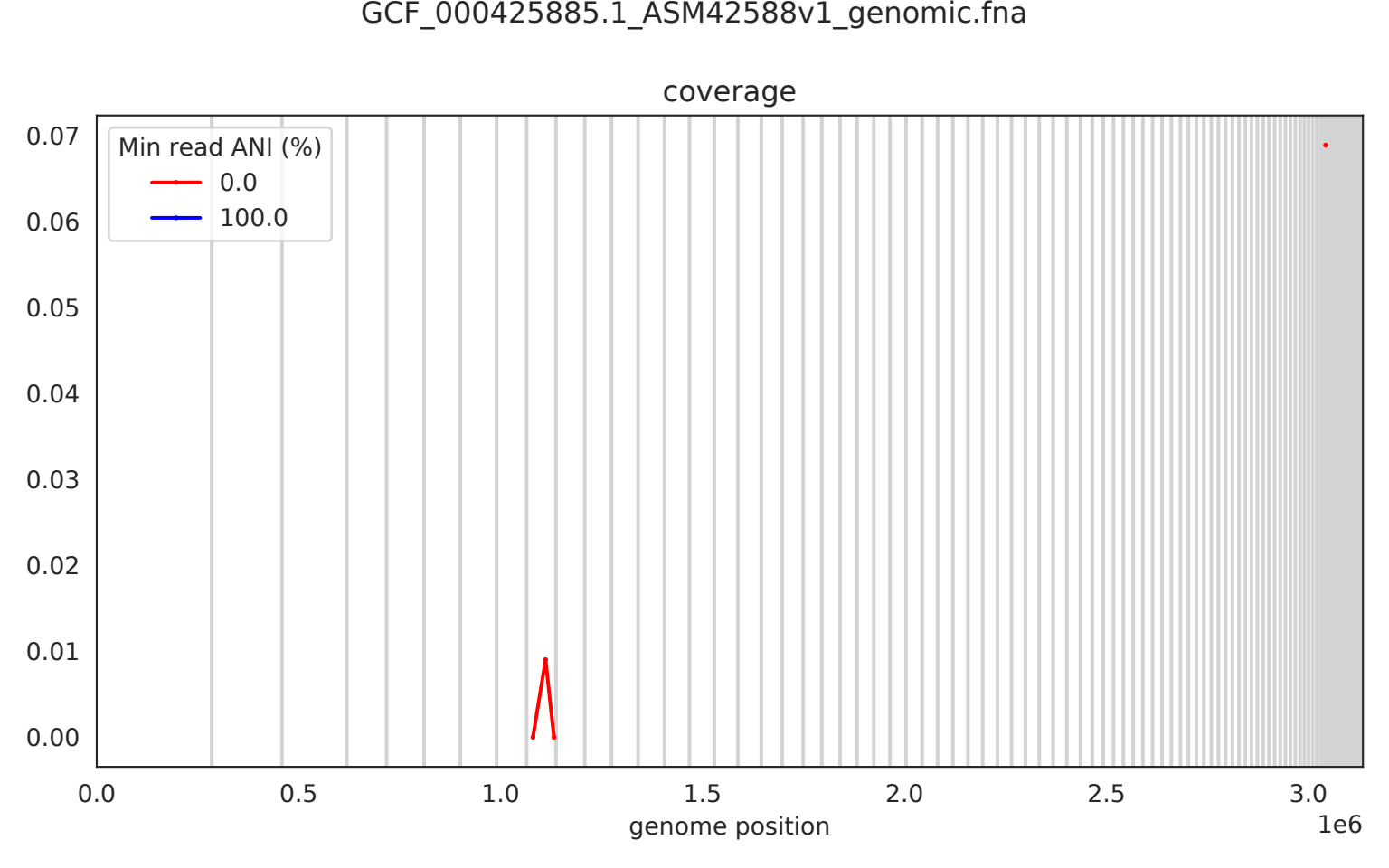

GCF_000297375.1_ASM29737v1_genomic.fna
linkage
0.16
0.15
Min read ANI (%)
0
100
snp_density
0.001
0.000
coverage
0.25
0.00
nucl_diversity
0.02
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

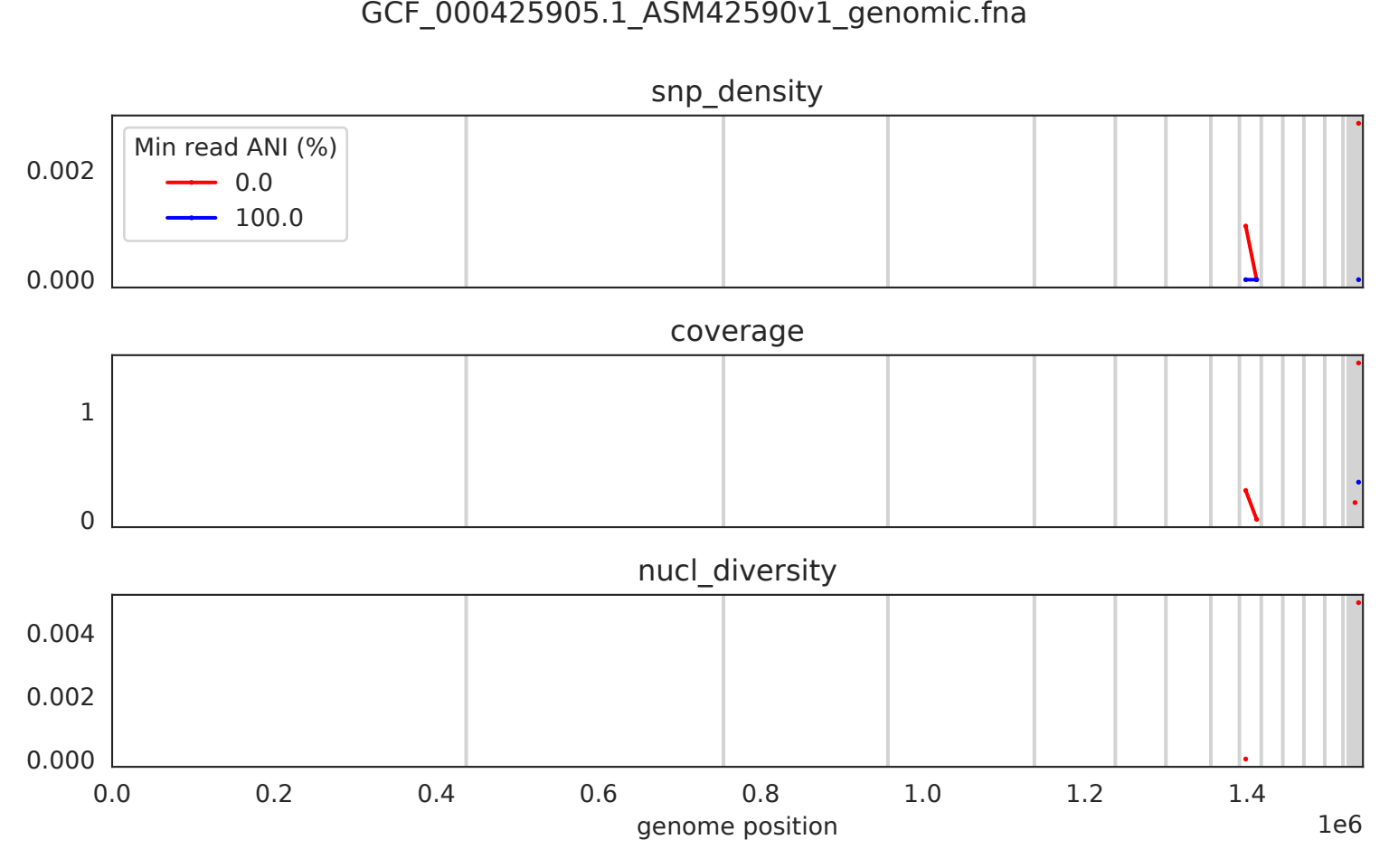

GCF_000349725.1_ASM34972v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
0.0
0.5
1.0
1.5
2.0
genome position
1e6

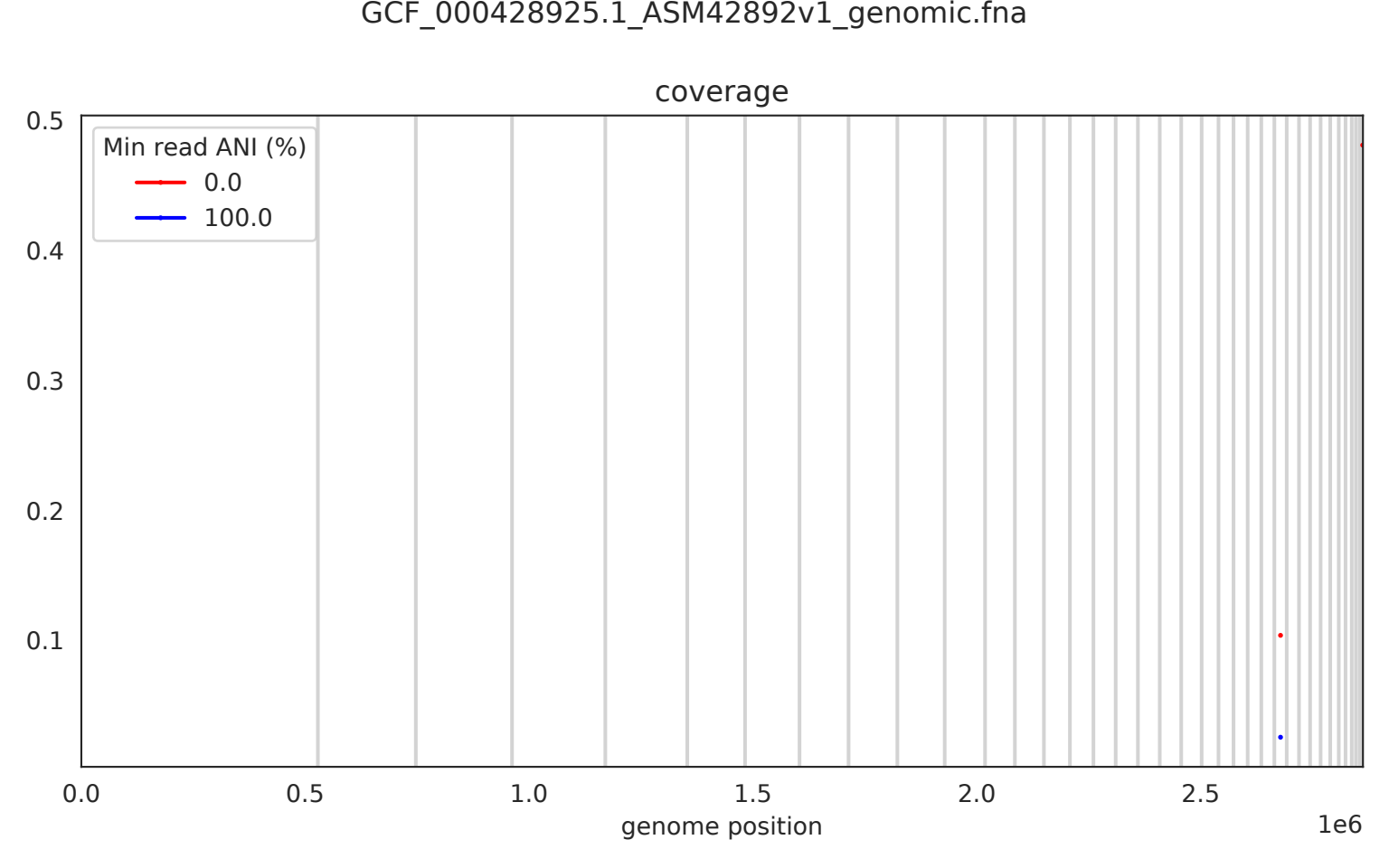

GCF_000420365.1_ASM42036v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.06
0.05
0.04
0.03
0.02
0.01
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1.2
genome position
1e6

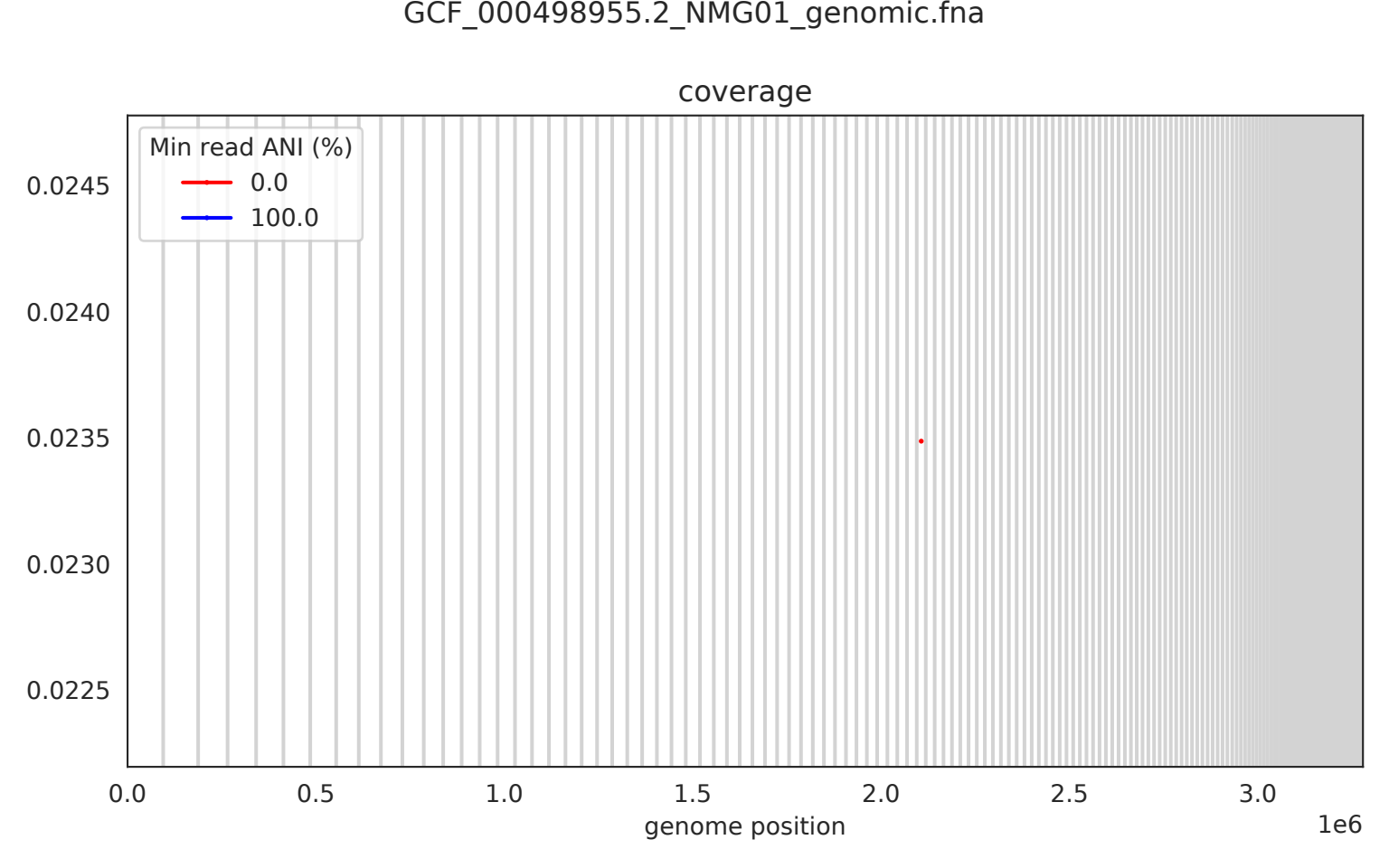

GCF_000423245.1_ASM42324v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.225
0.220
0.215
0.210
0.205
0.0
0.2
0.4
0.6
0.8
1.0
1.2
genome position
1e6

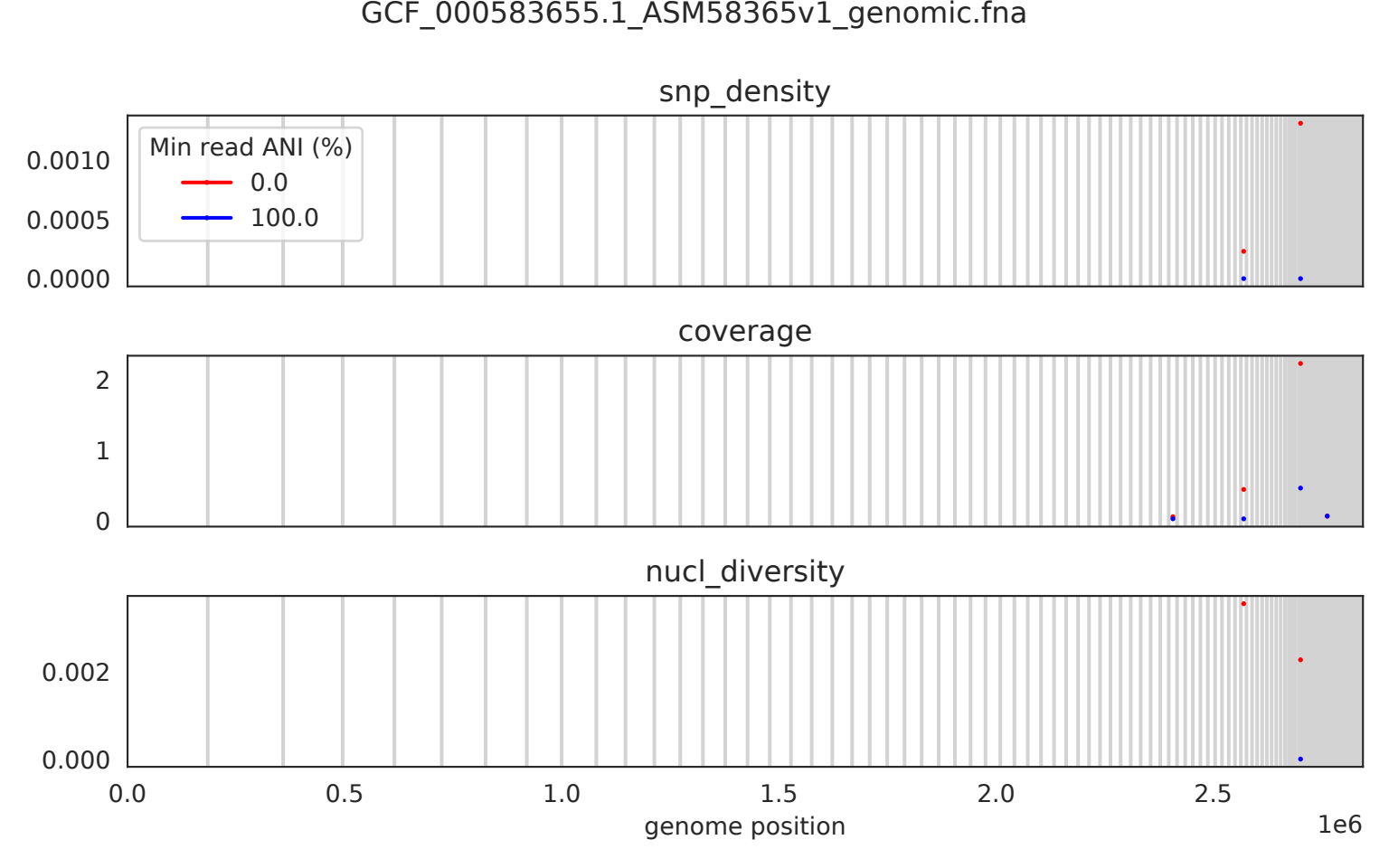

GCF_000423265.1_ASM42326v1_genomic.fna
linkage
0.4
0.2
Min read ANI (%)
0
100
snp_density
0.0025
0.0000
coverage
2.5
0.0
nucl_diversity
0.01
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6

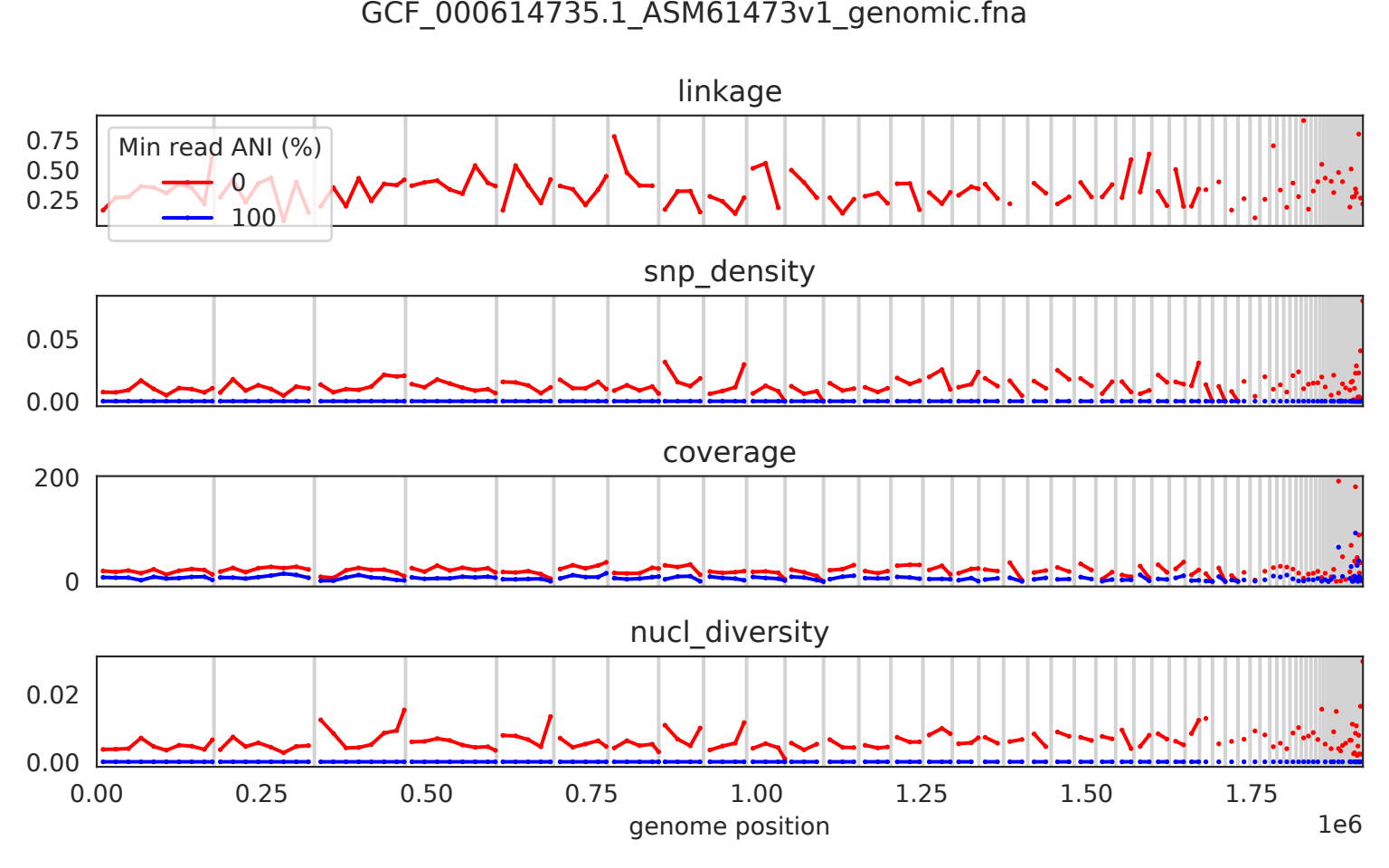

GCF_000425885.1_ASM42588v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
0.0
0.5
1.0
1.5
2.0
2.5
3.0
genome position
1e6

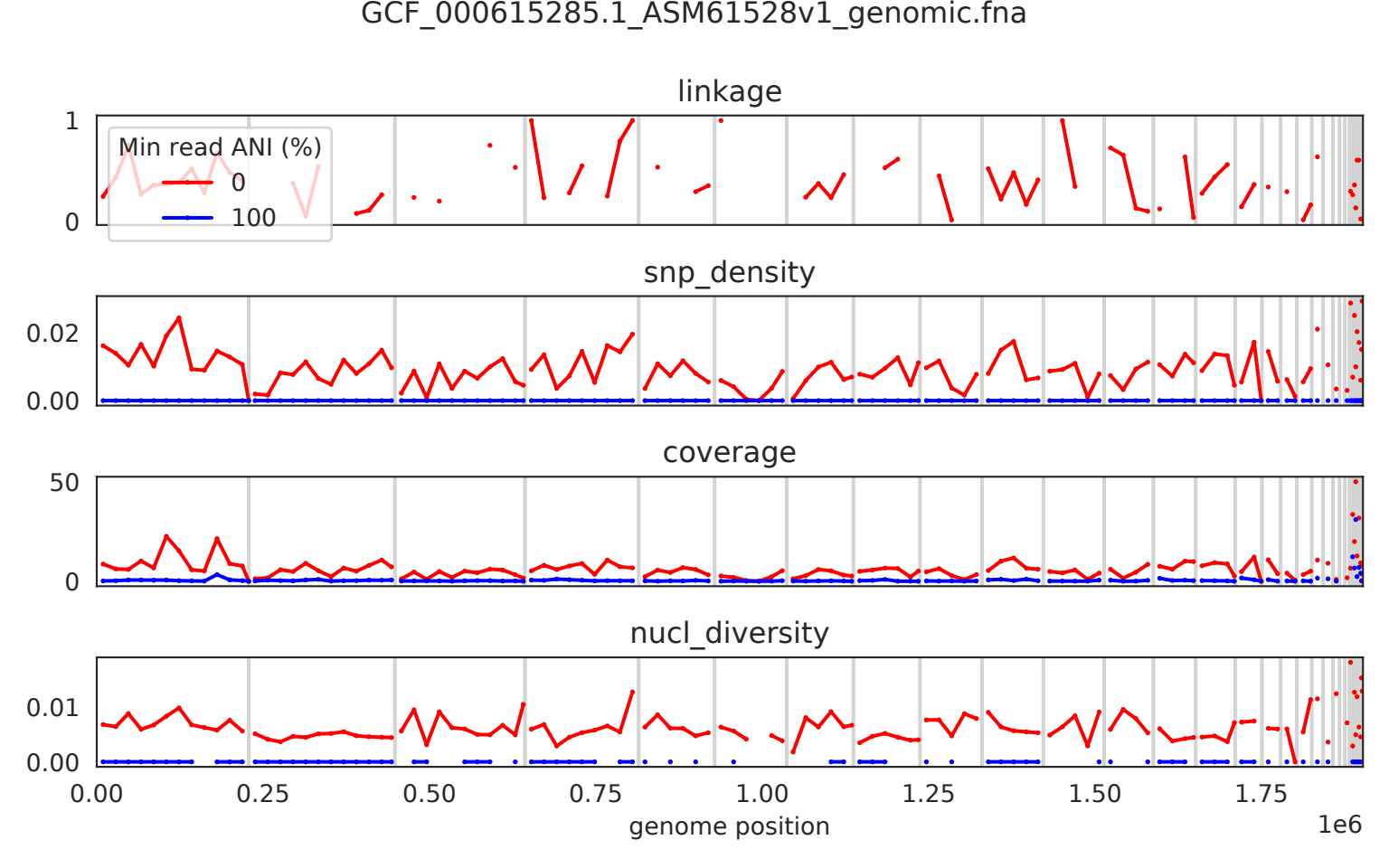

GCF_000425905.1_ASM42590v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.002
0.000
coverage
1
0
nucl_diversity
0.004
0.002
0.000
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
genome position
1e6

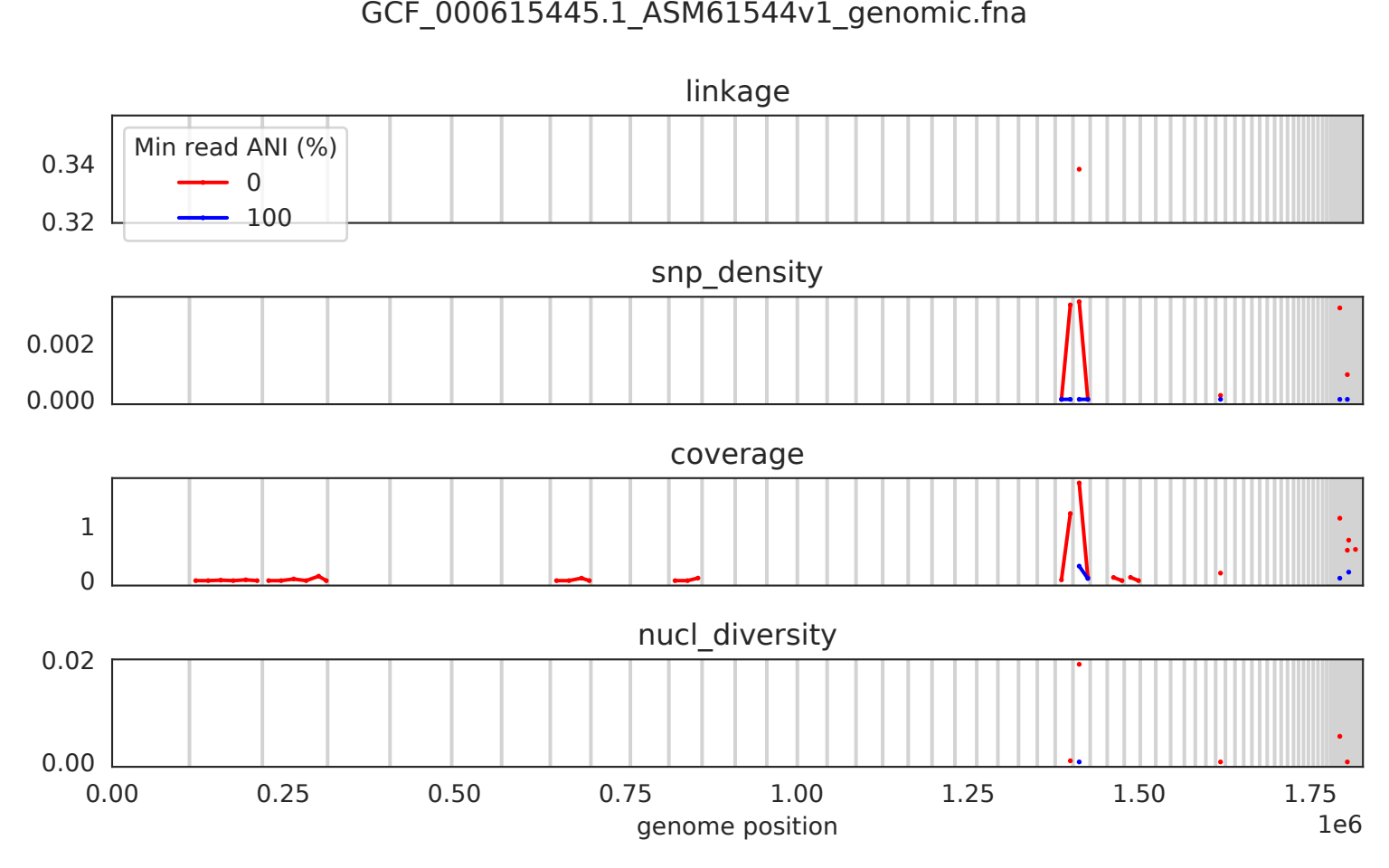

GCF_000428925.1_ASM42892v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.5
0.4
0.3
0.2
0.1
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

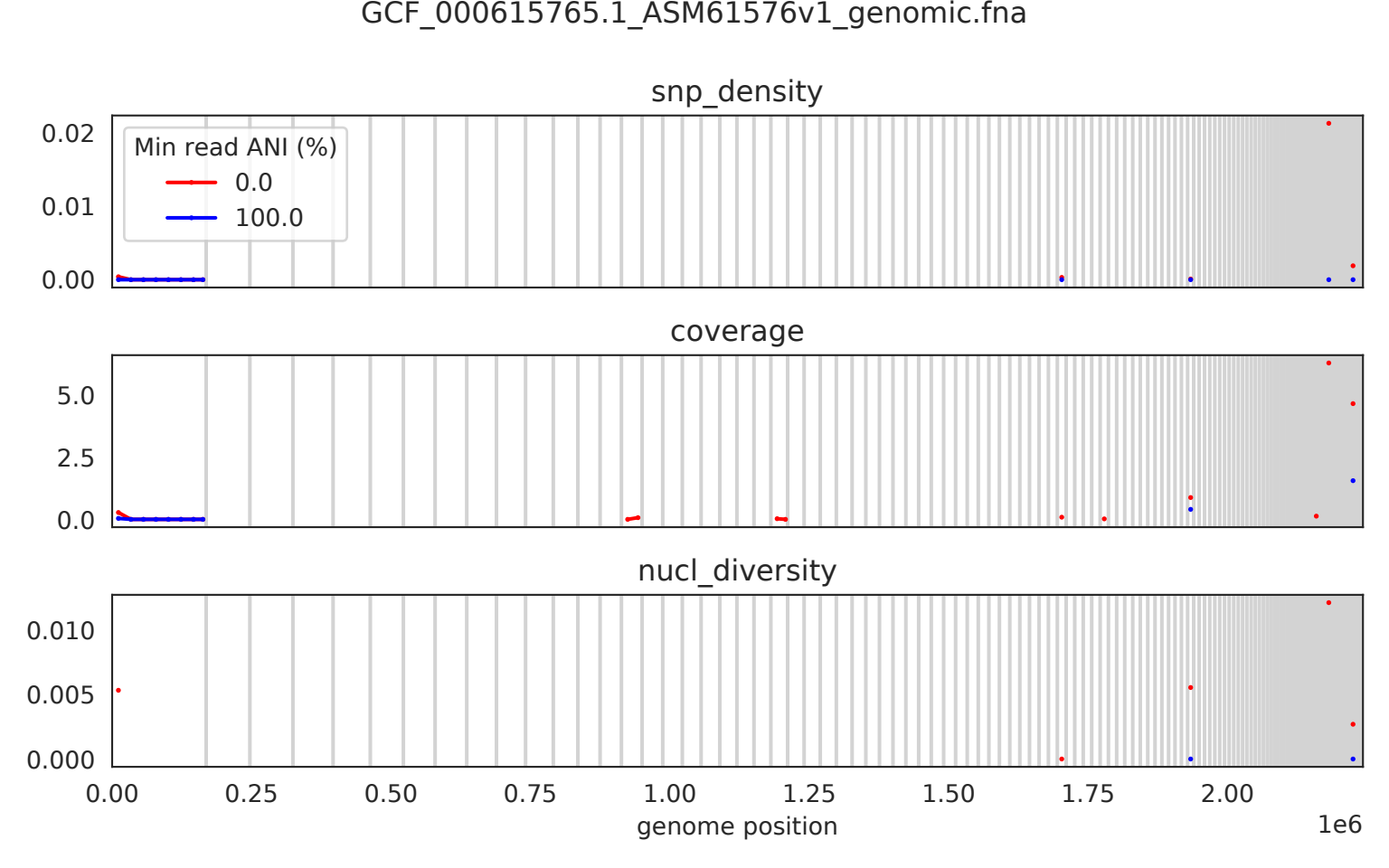

GCF_000498955.2_NMG01_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.0245
0.0240
0.0235
0.0230
0.0225
0.0
0.5
1.0
1.5
2.0
2.5
3.0
genome position
1e6

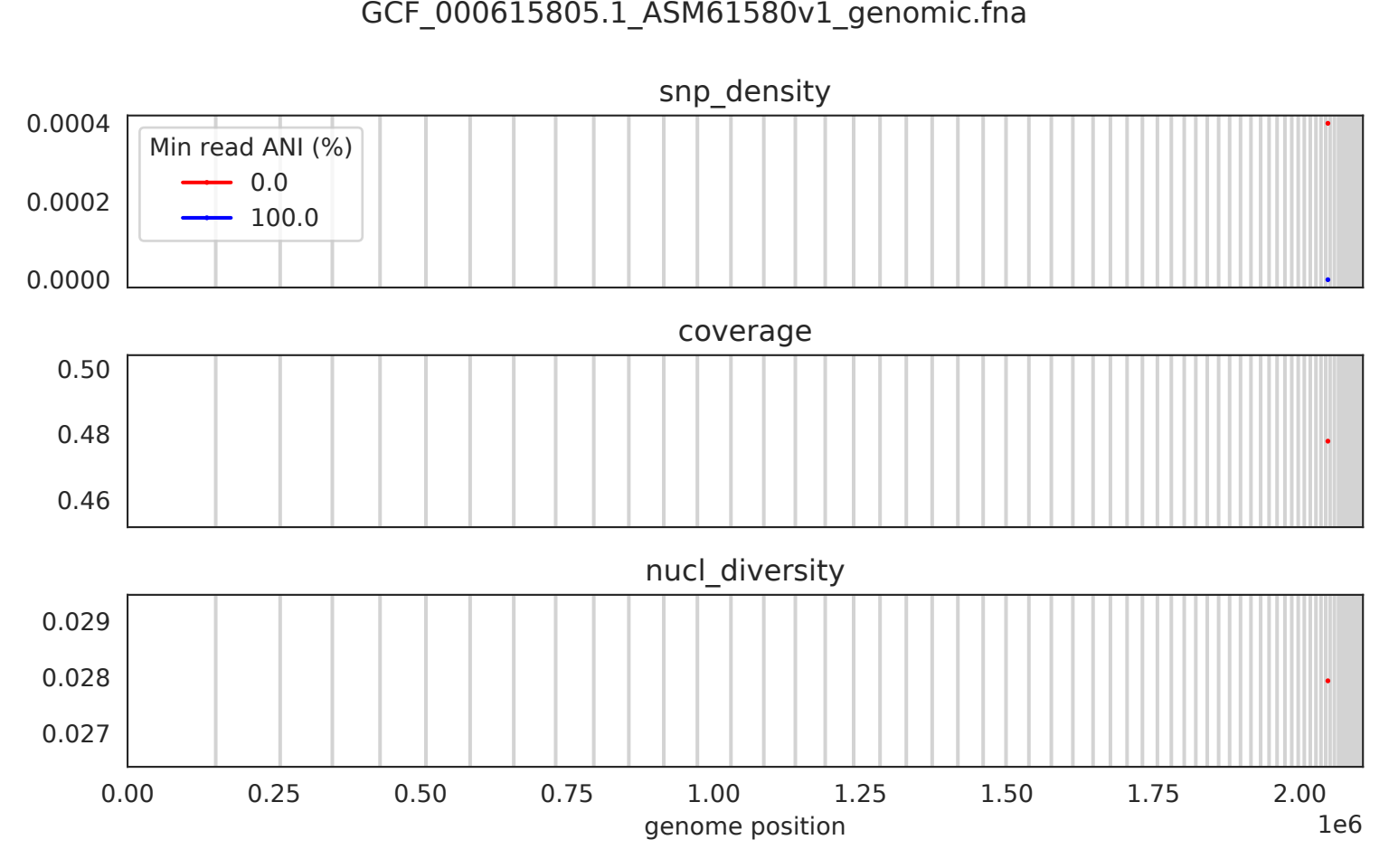

GCF_000583655.1_ASM58365v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0010
0.0005
0.0000
coverage
2
1
0
nucl_diversity
0.002
0.000
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

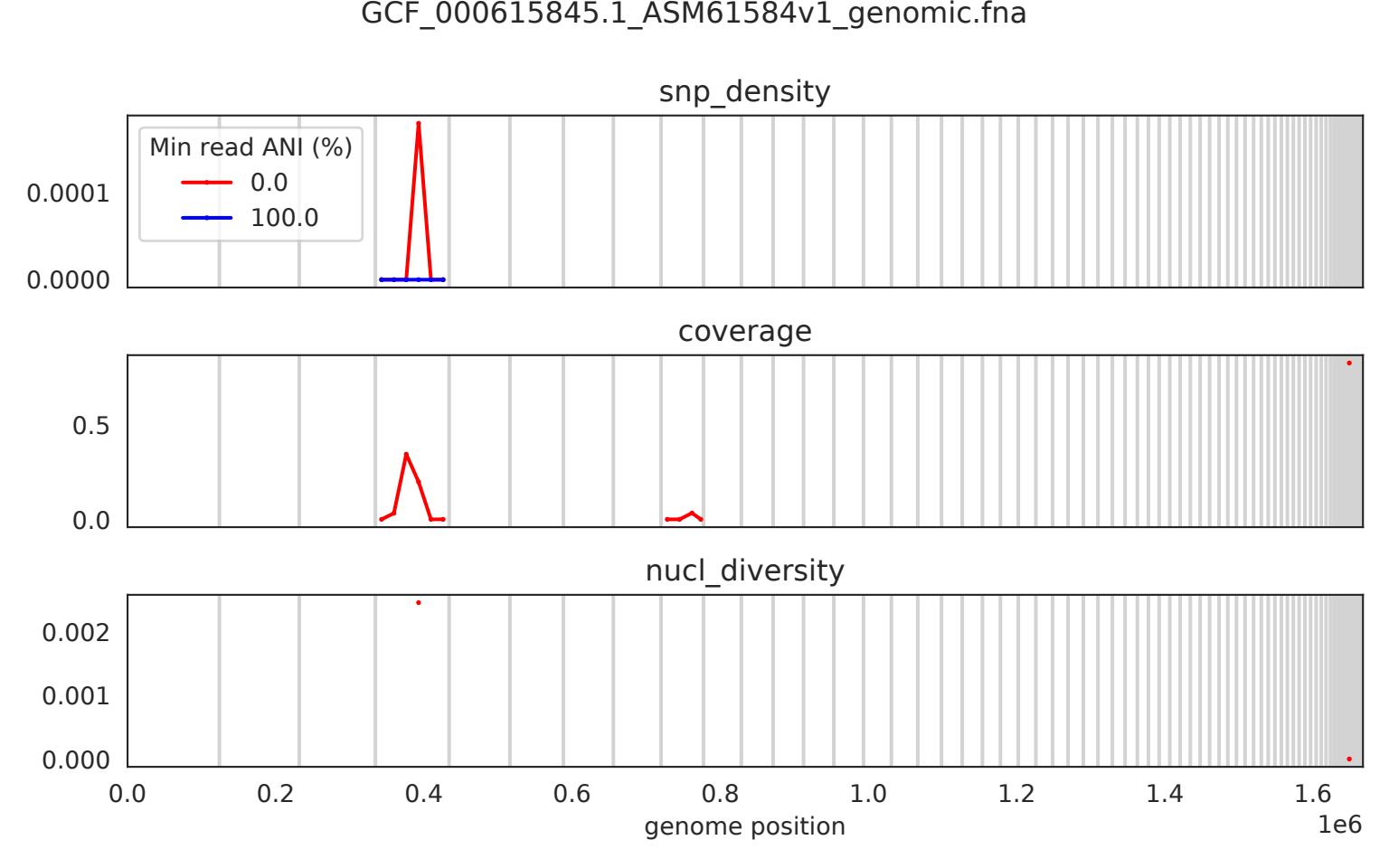

GCF_000614735.1_ASM61473v1_genomic.fna
linkage
Min read ANI (%)
0
100
0.75
0.50
0.25
snp_density
0.05
0.00
coverage
200
0
nucl_diversity
0.02
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

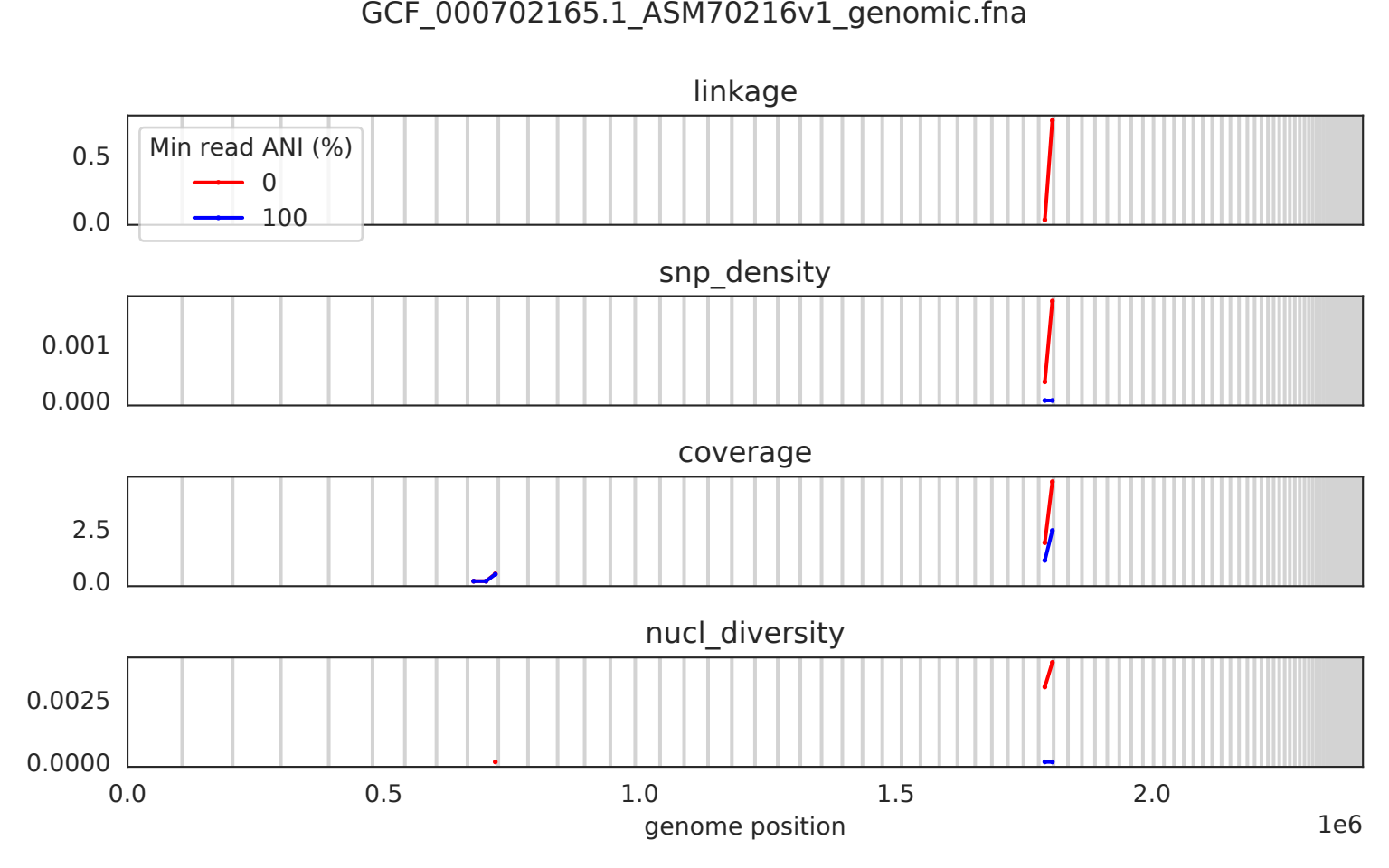

GCF_000615285.1_ASM61528v1_genomic.fna
linkage
Min read ANI (%)
0
100
1
0
snp_density
0.02
0.00
coverage
50
0
nucl_diversity
0.01
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

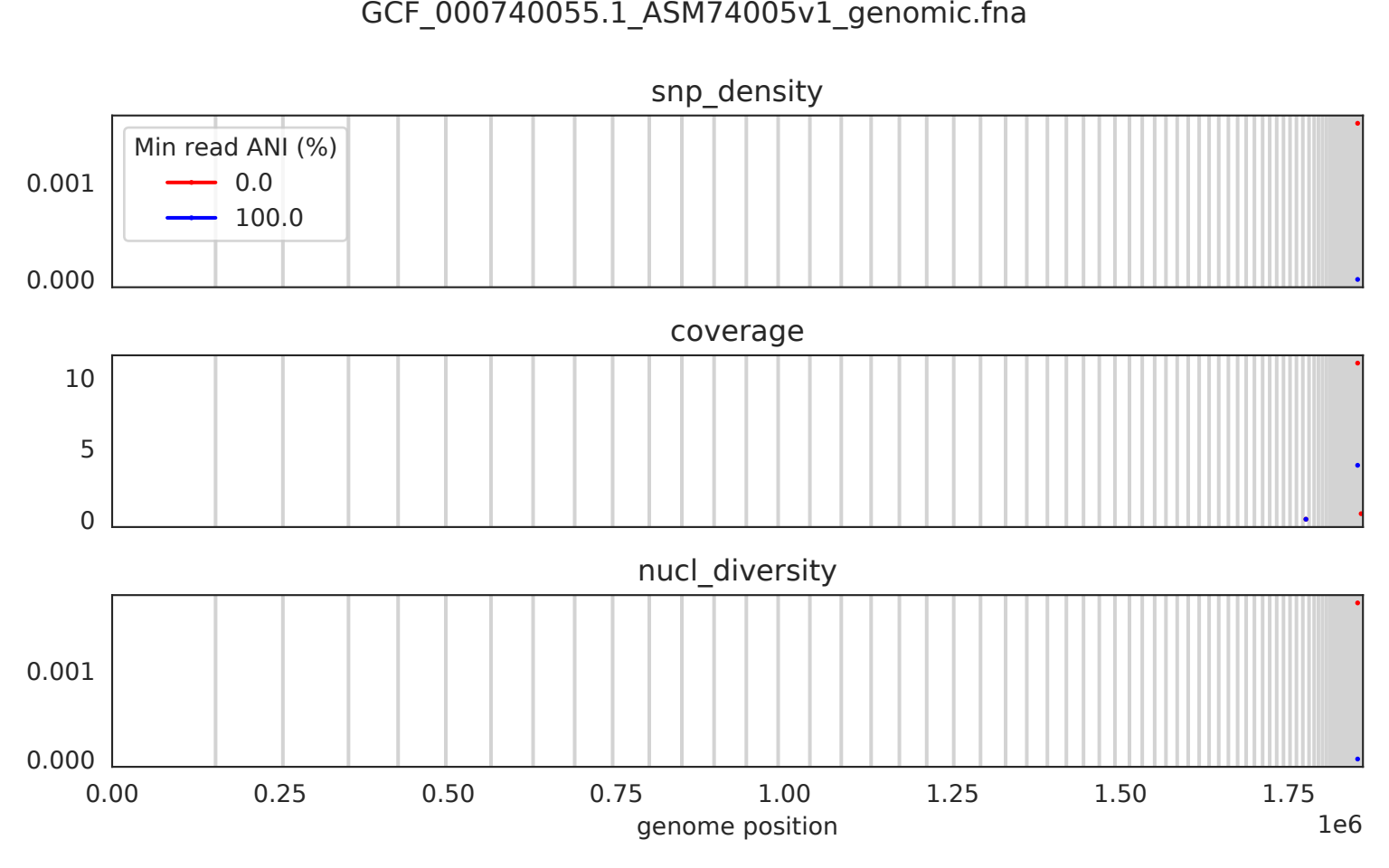

GCF_000615445.1_ASM61544v1_genomic.fna
linkage
Min read ANI (%)
0
100
0.34
0.32
snp_density
0.002
0.000
coverage
1
0
nucl_diversity
0.02
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

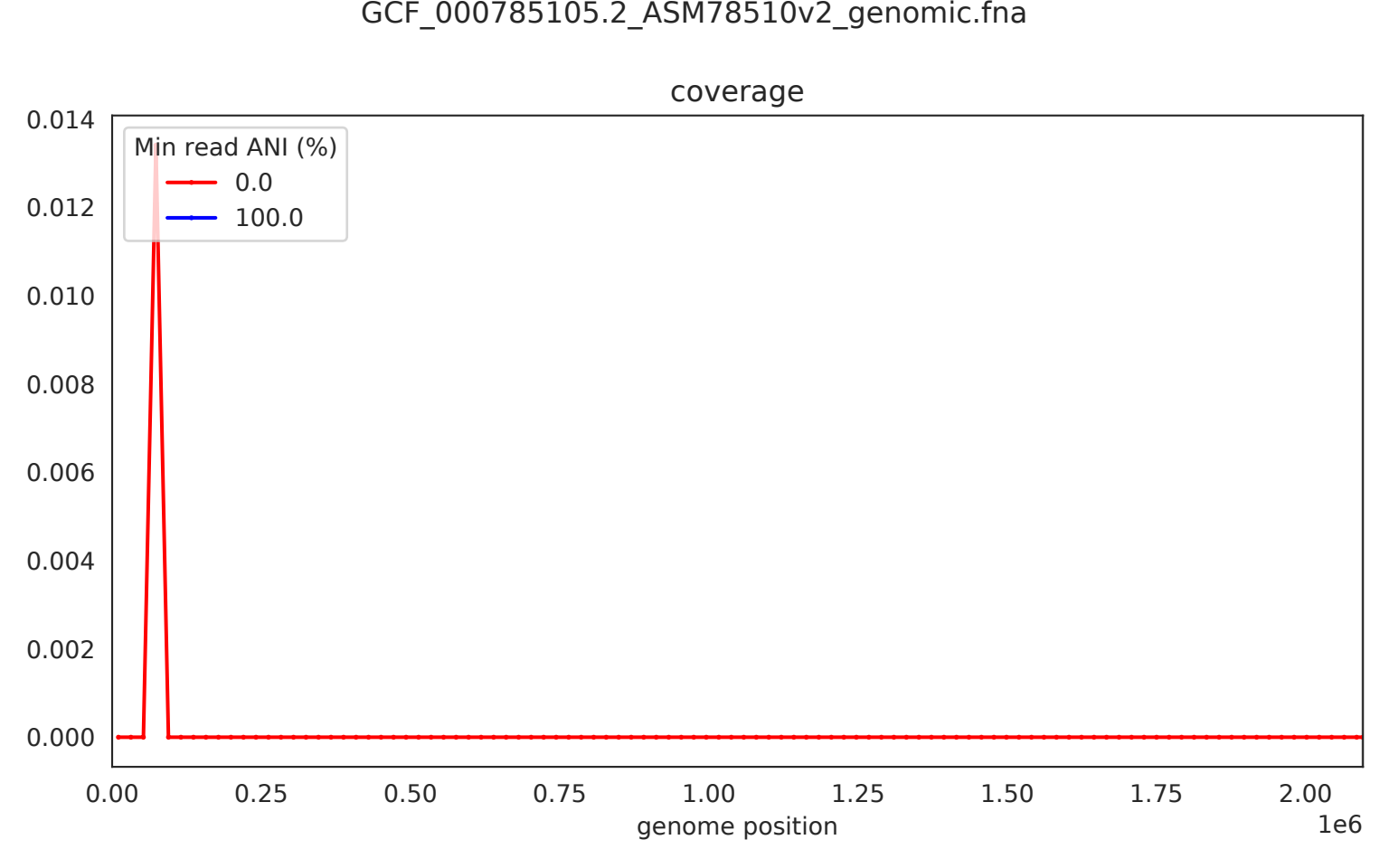

GCF_000615765.1_ASM61576v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.02
0.01
0.00
coverage
5.0
2.5
0.0
nucl_diversity
0.010
0.005
0.000
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

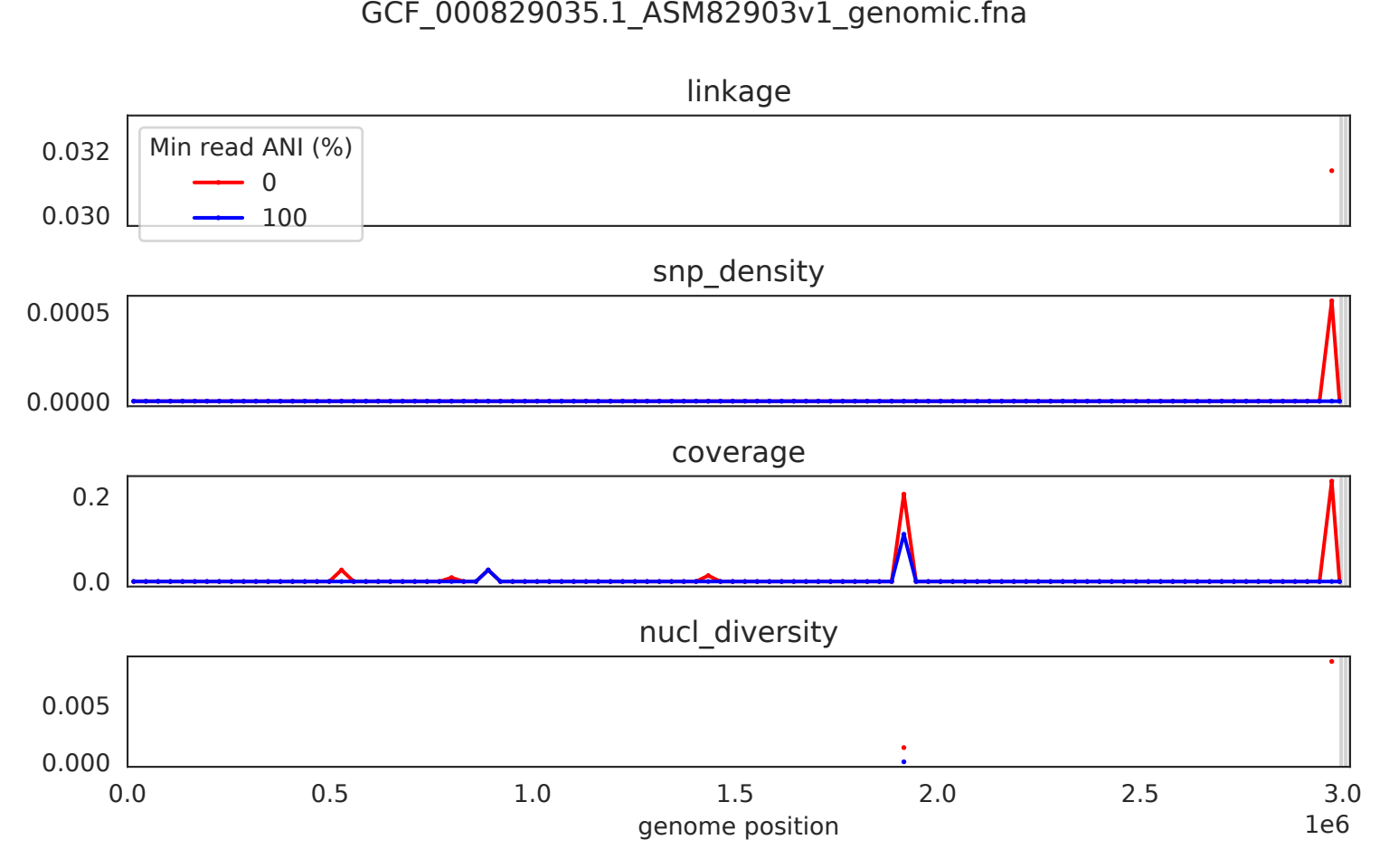

GCF_000615805.1_ASM61580v1_genomic.fna
snp_density
0.0004
0.0002
0.0000
Min read ANI (%)
0.0
100.0
coverage
0.50
0.48
0.46
nucl_diversity
0.029
0.028
0.027
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6


GCF_000615845.1_ASM61584v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0001
0.0000
coverage
0.5
0.0
nucl_diversity
0.002
0.001
0.000
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6

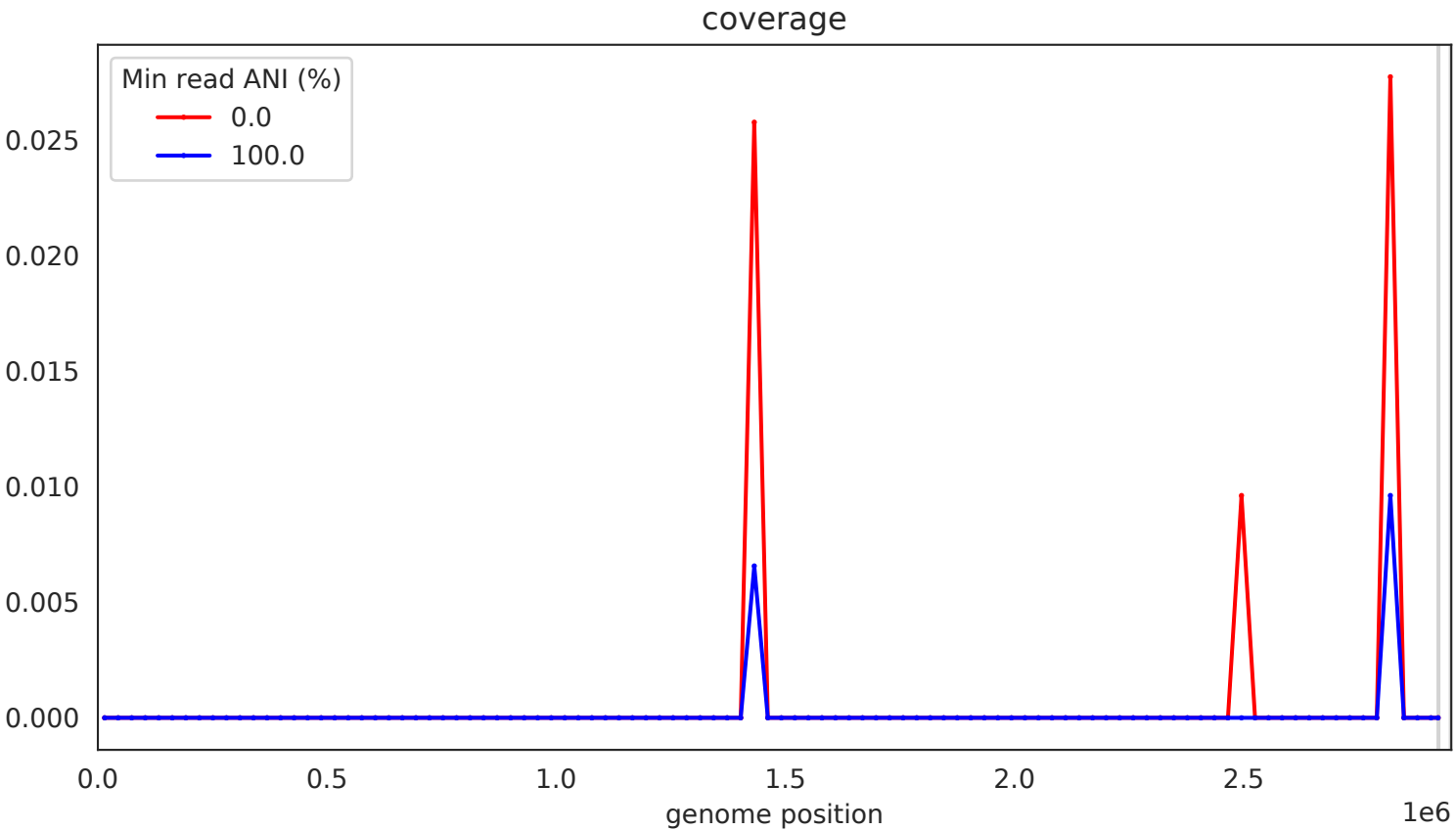

GCF_000702165.1_ASM70216v1_genomic.fna
linkage
Min read ANI (%)
0
100
0.5
0.0
snp_density
0.001
0.000
coverage
2.5
0.0
nucl_diversity
0.0025
0.0000
0.0
0.5
1.0
1.5
2.0
genome position
1e6

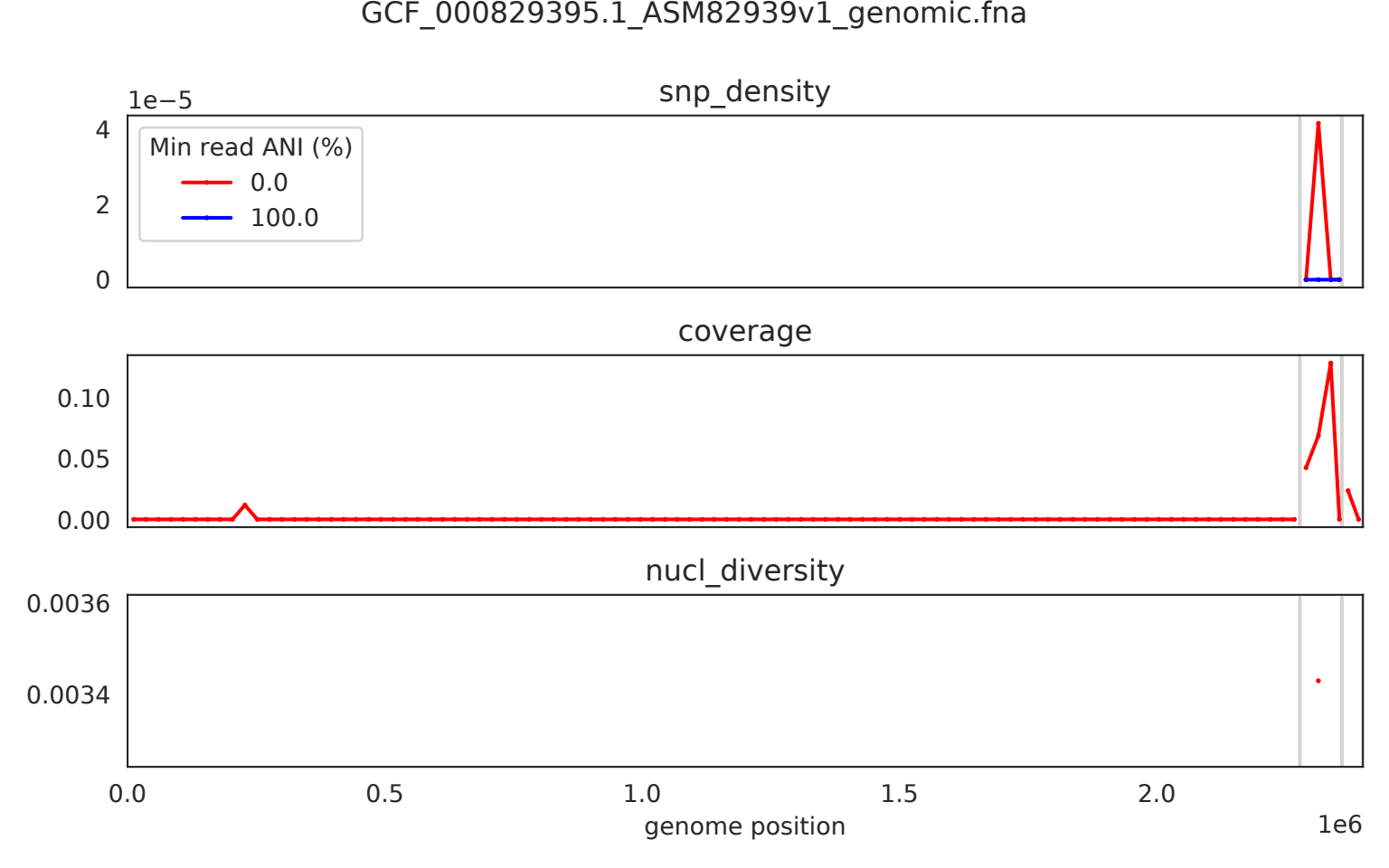

GCF_000740055.1_ASM74005v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.001
0.000
coverage
10
5
0
nucl_diversity
0.001
0.000
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

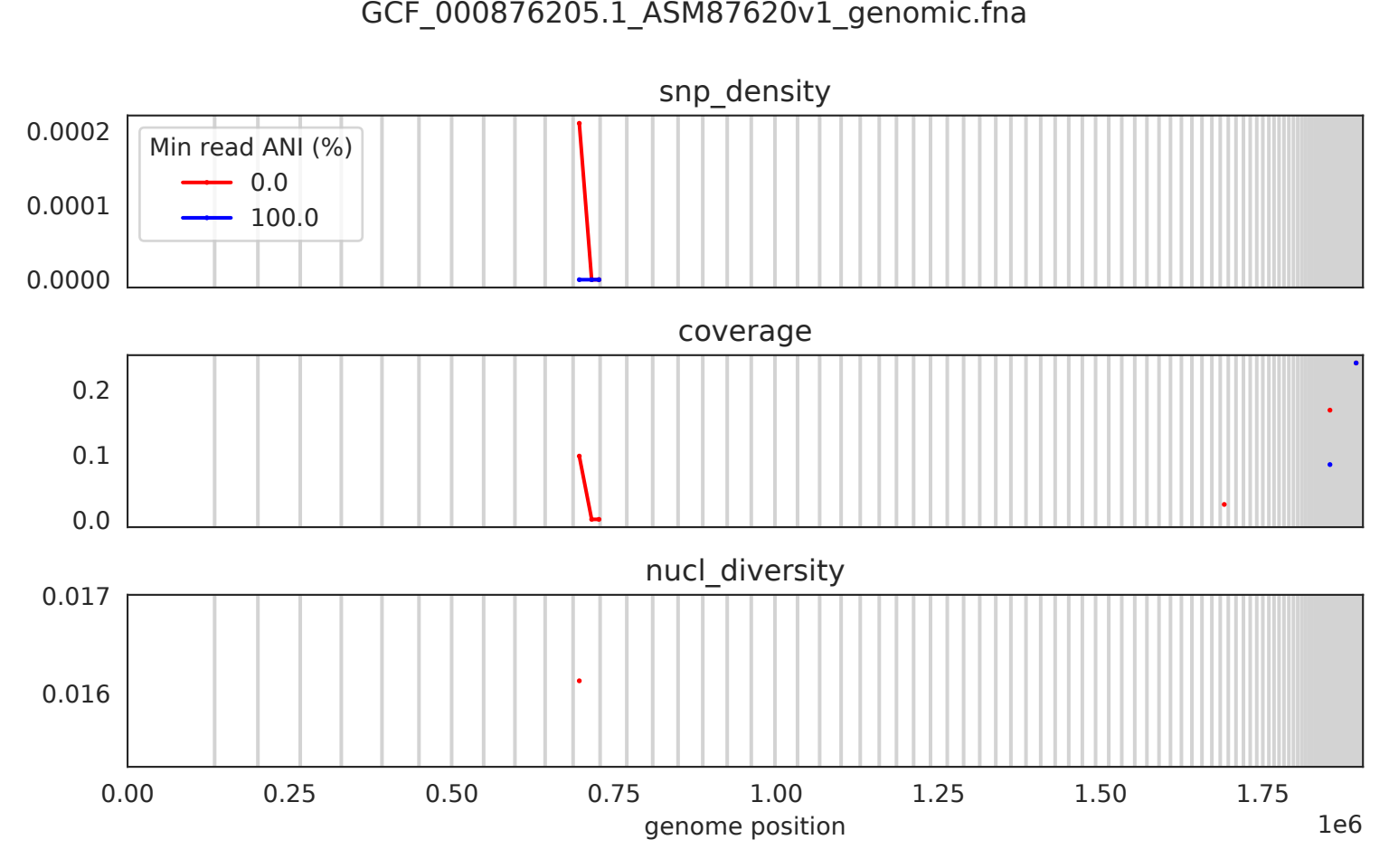

GCF_000785105.2_ASM78510v2_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.014
0.012
0.010
0.008
0.006
0.004
0.002
0.000
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

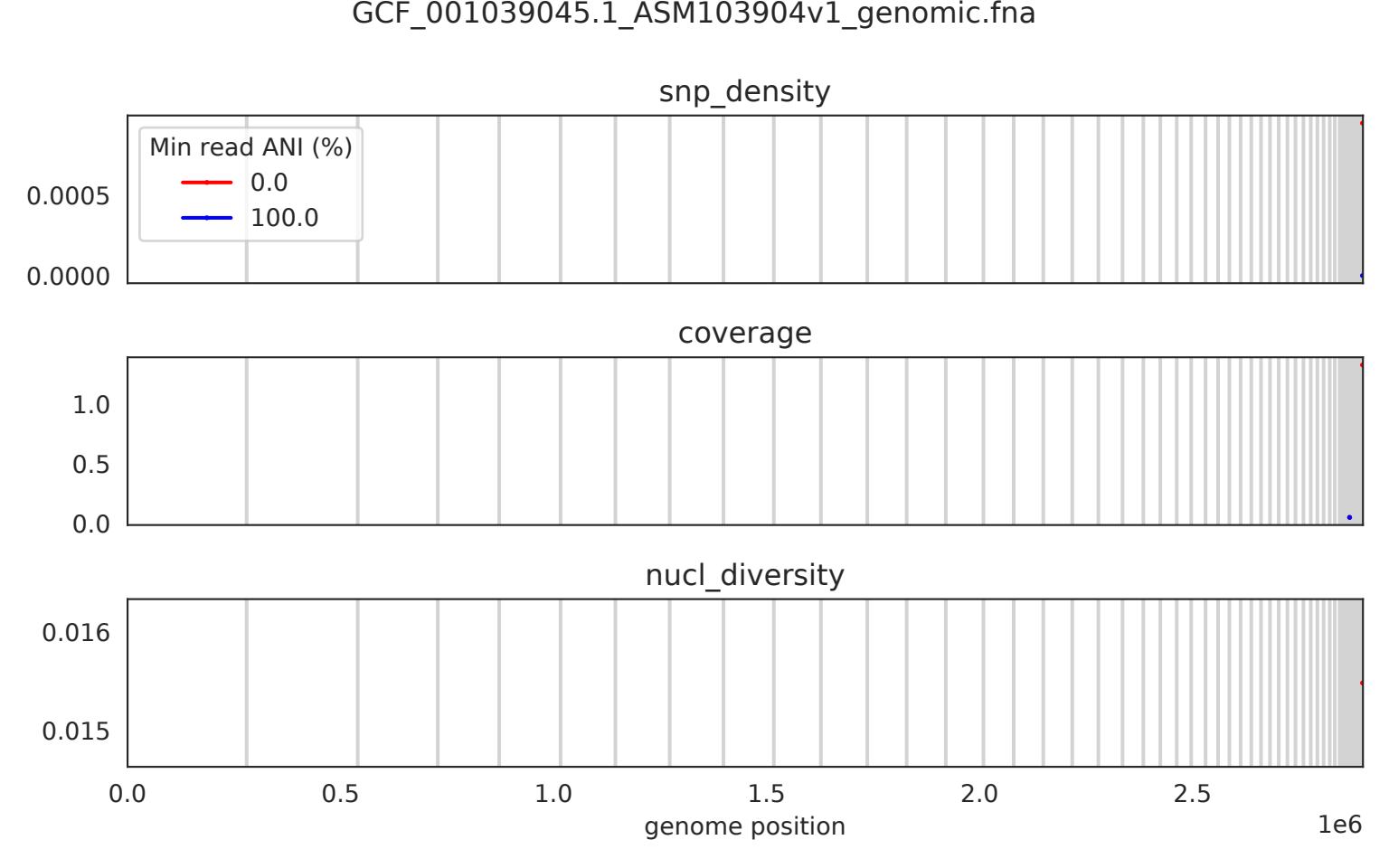

GCF_000829035.1_ASM82903v1_genomic.fna
linkage
Min read ANI (%)
0
100
0.032
0.030
snp_density
0.0005
0.0000
coverage
0.2
0.0
nucl_diversity
0.005
0.000
0.0
0.5
1.0
1.5
2.0
2.5
3.0
genome position
1e6

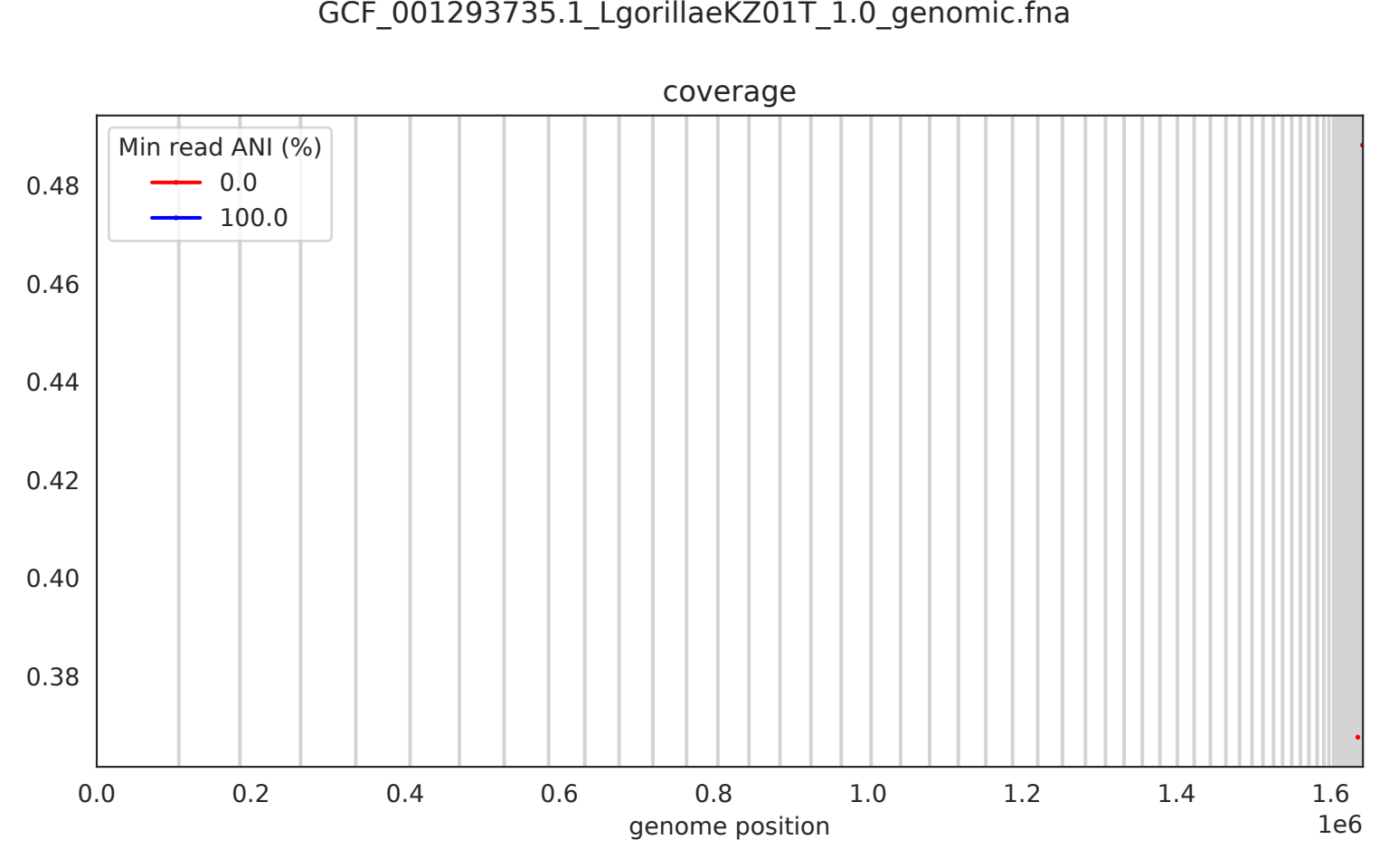
GCF_000829055.1_ASM82905v1_genomic.fna

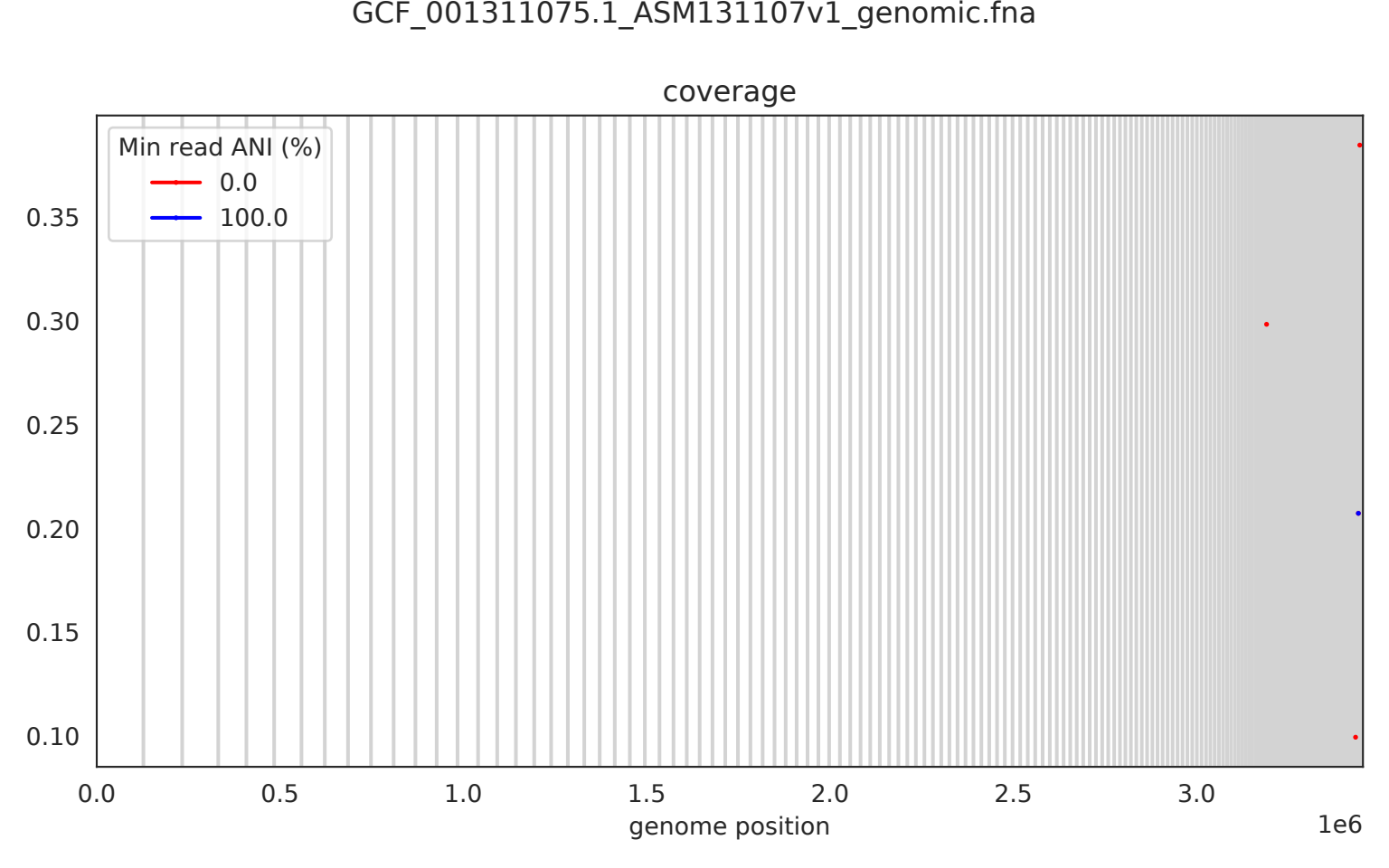


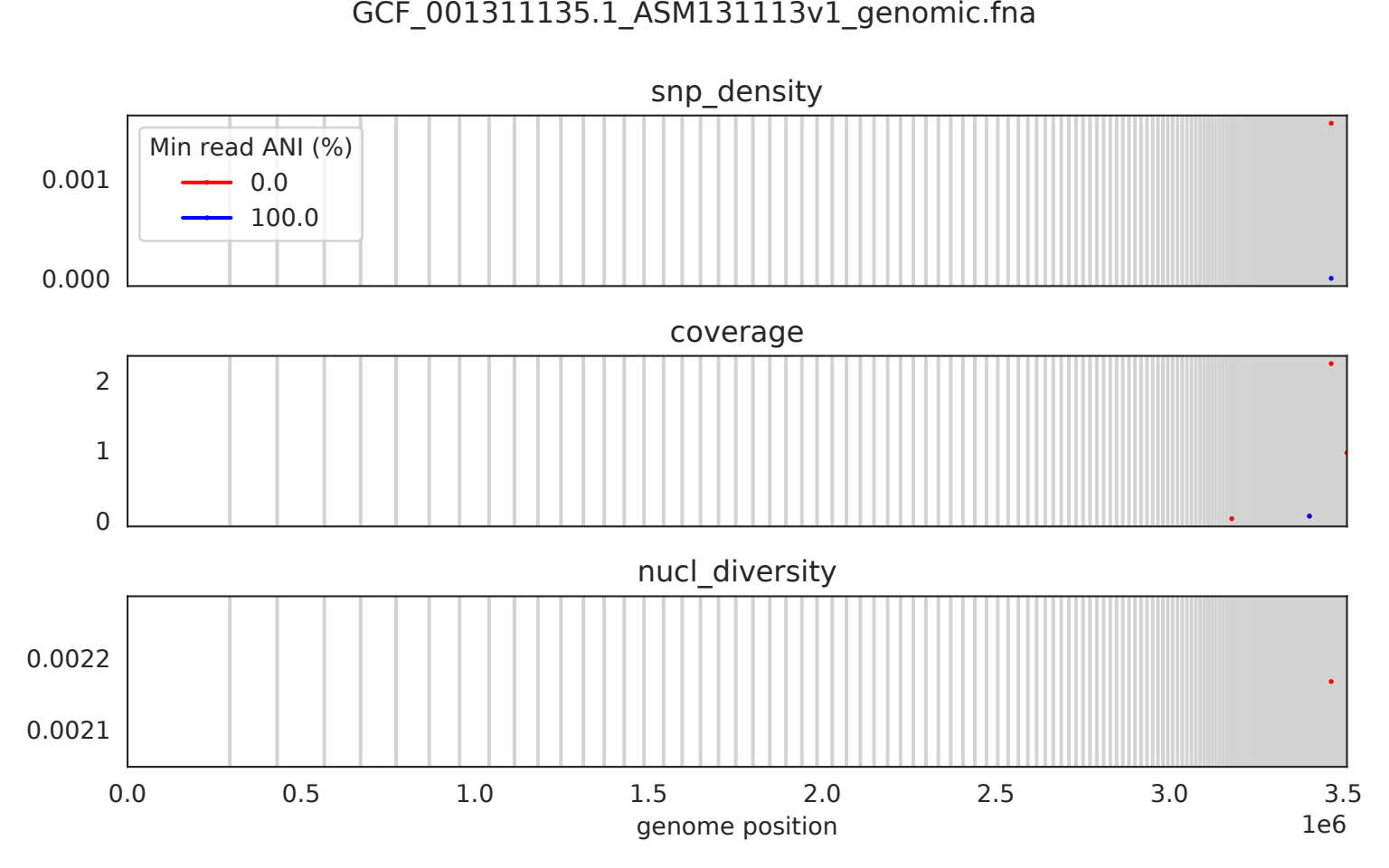

GCF_000829395.1_ASM82939v1_genomic.fna
snp_density
1e−5
4
2
0
Min read ANI (%)
0.0
100.0
coverage
0.10
0.05
0.00
nucl_diversity
0.0036
0.0034
0.0
0.5
1.0
1.5
2.0
genome position
1e6

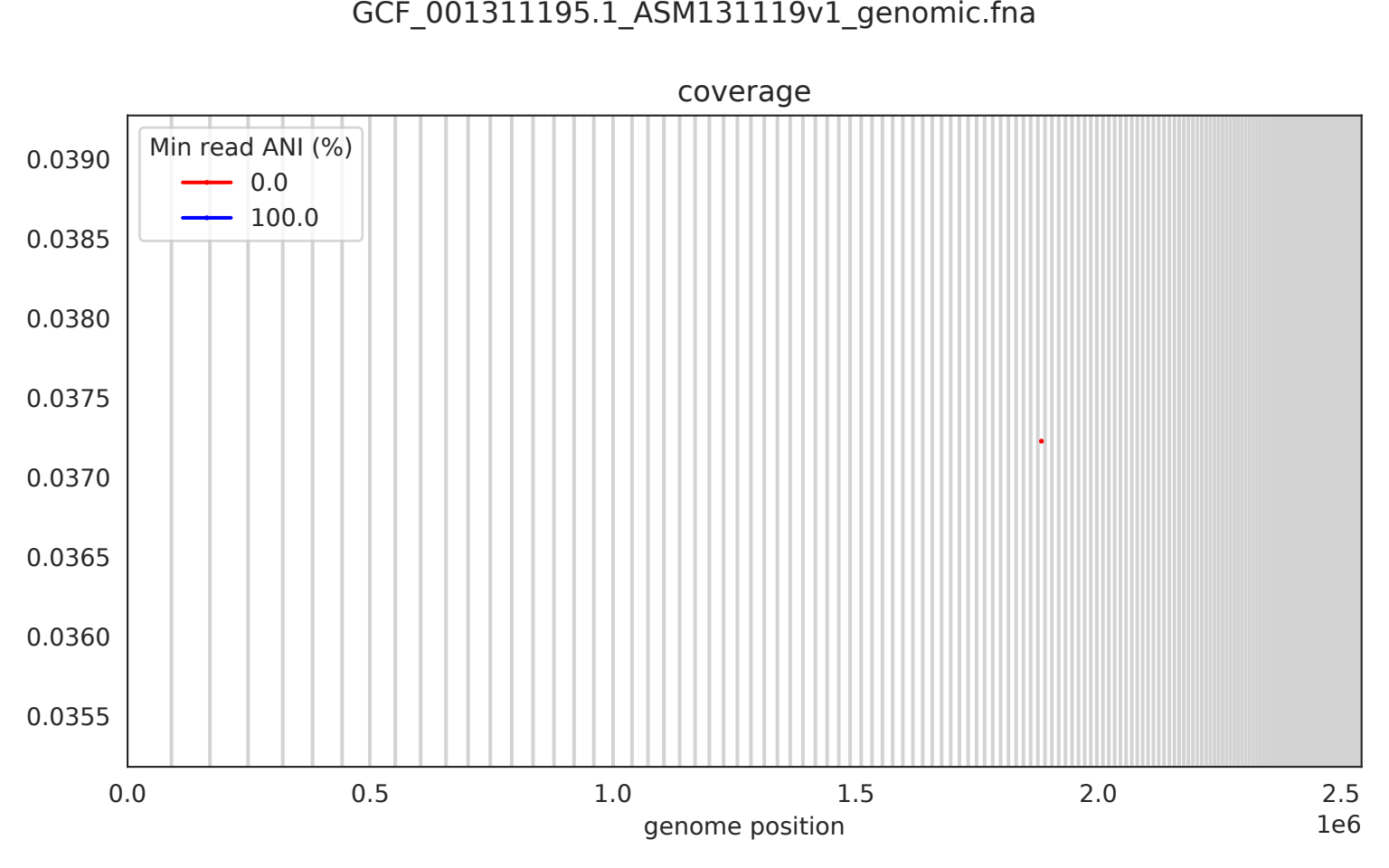

GCF_000876205.1_ASM87620v1_genomic.fna
snp_density
0.0002
0.0001
0.0000
Min read ANI (%)
0.0
100.0
coverage
0.2
0.1
0.0
nucl_diversity
0.017
0.016
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

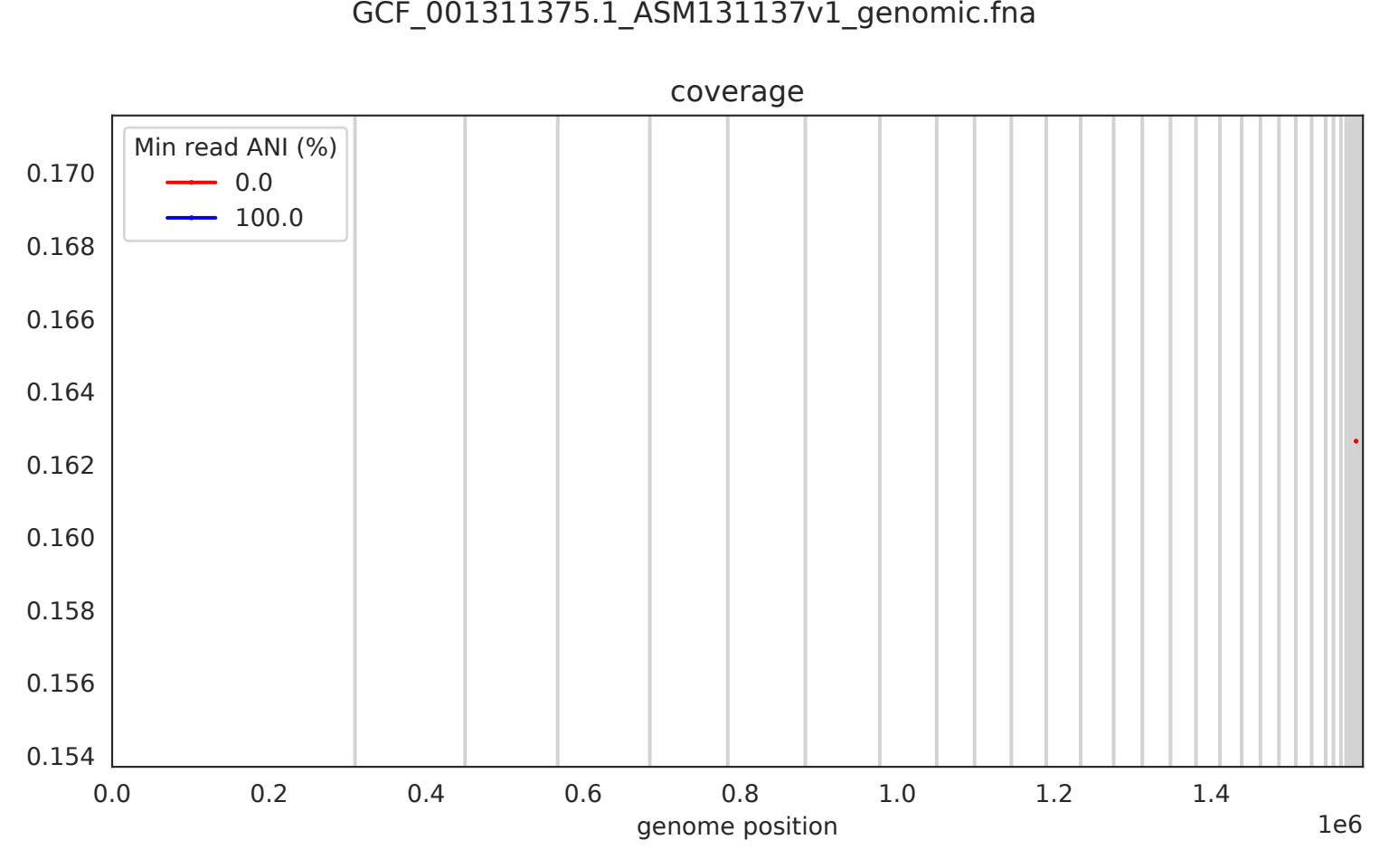

GCF_001039045.1_ASM103904v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0005
0.0000
coverage
1.0
0.5
0.0
nucl_diversity
0.016
0.015
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

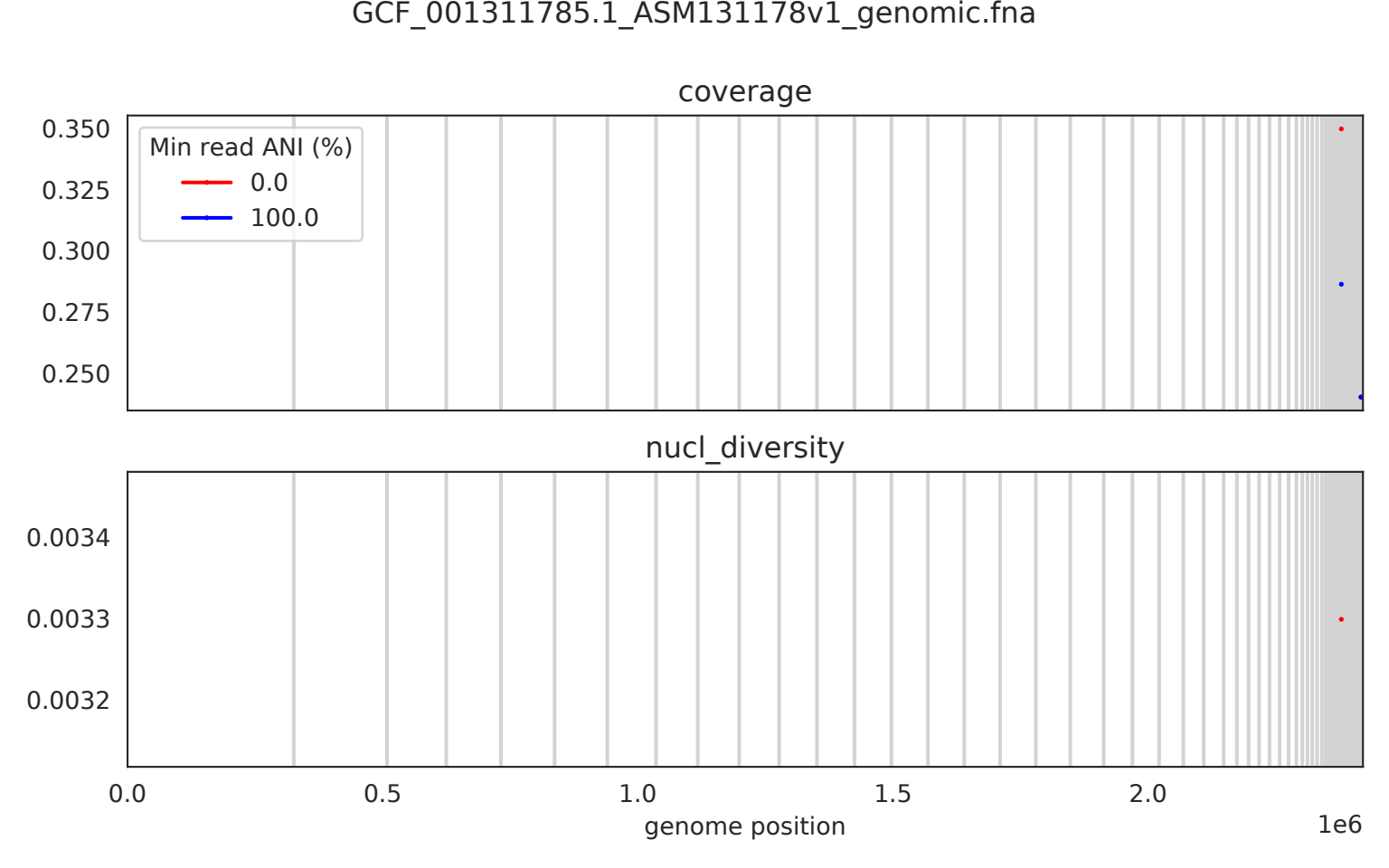

GCF_001293735.1_LgorillaeKZ01T_1.0_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.48
0.46
0.44
0.42
0.40
0.38
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6

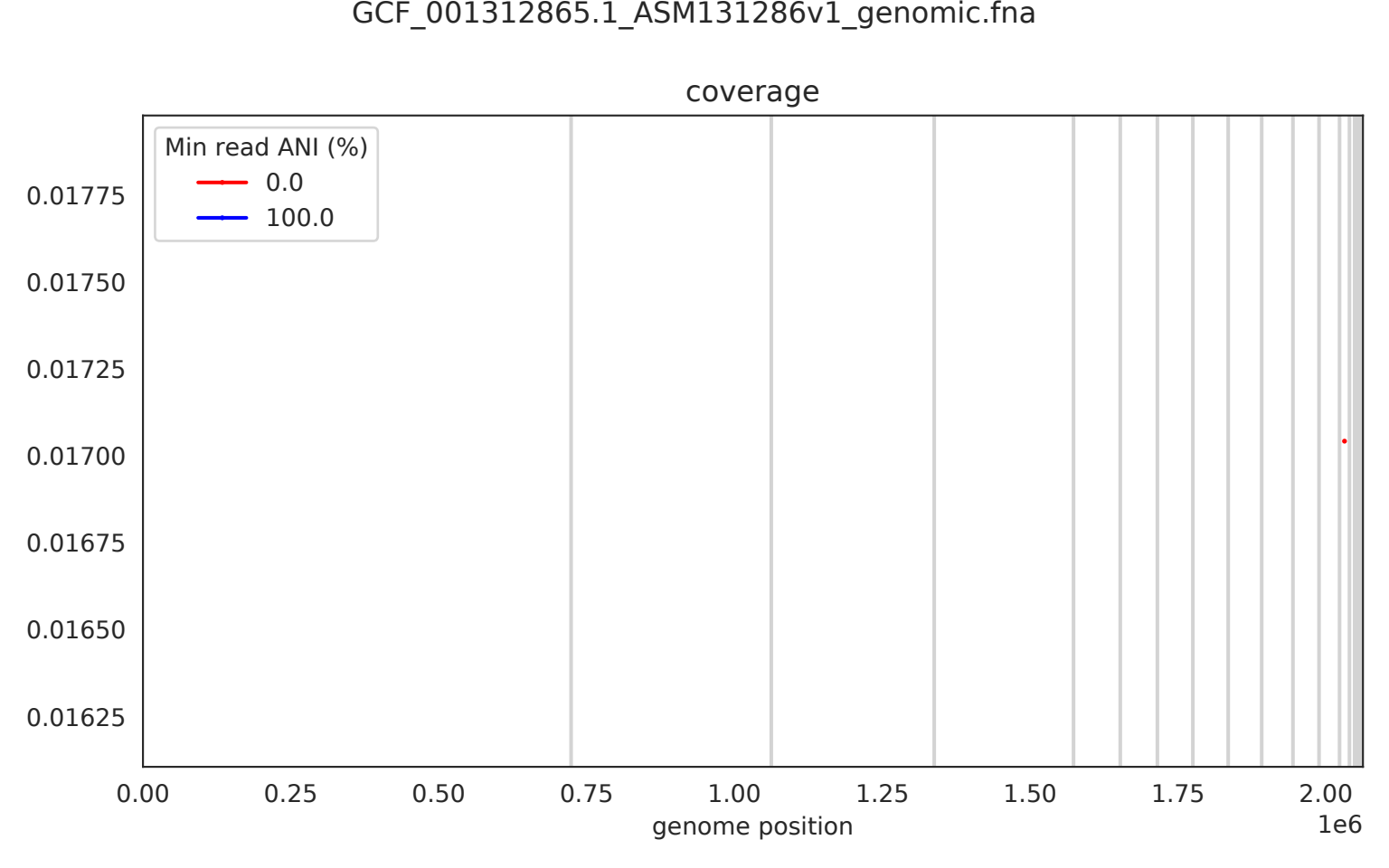

GCF_001311075.1_ASM131107v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.35
0.30
0.25
0.20
0.15
0.10
0.0
0.5
1.0
1.5
2.0
2.5
3.0
genome position
1e6

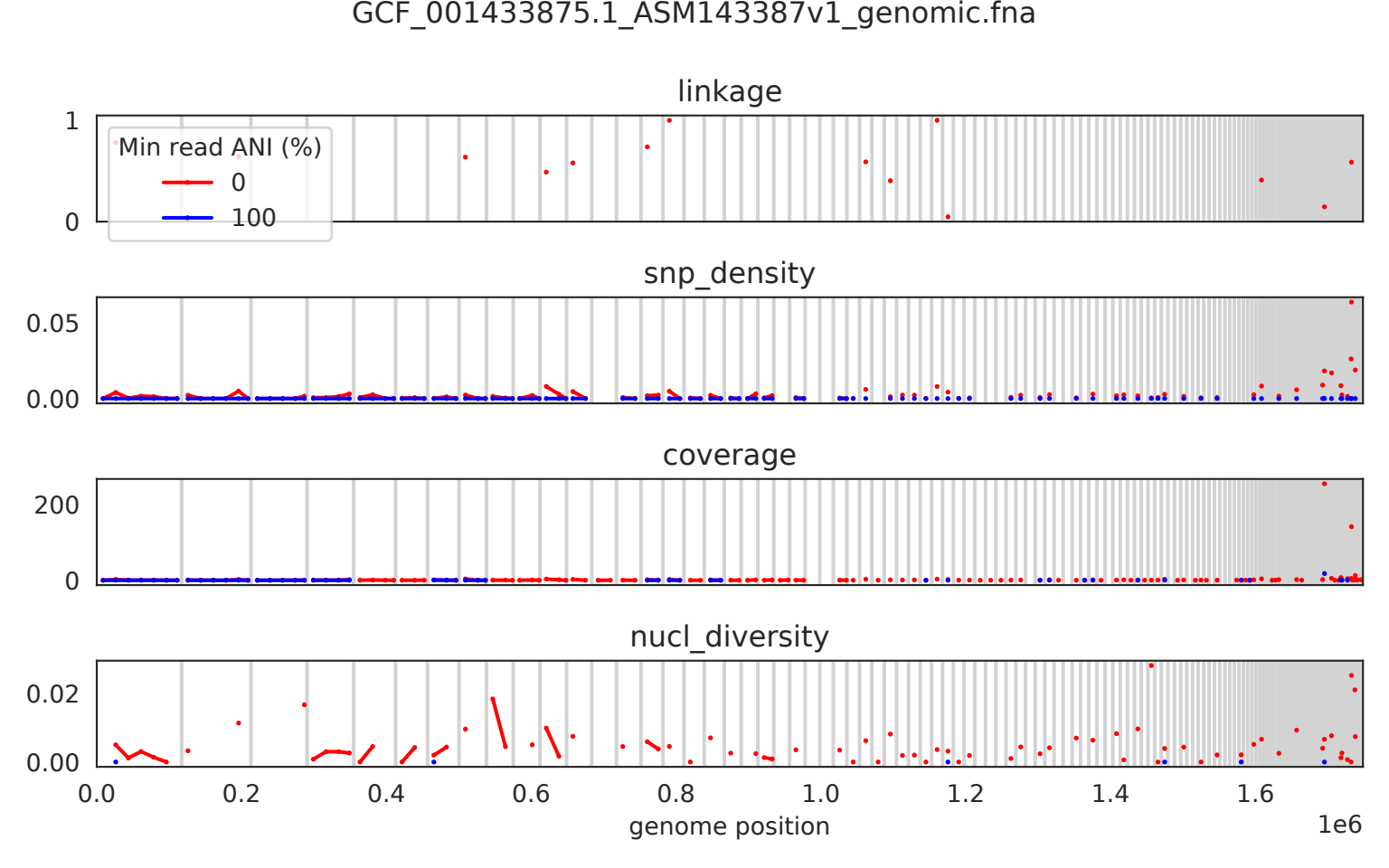

GCF_001311135.1_ASM131113v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.001
0.000
coverage
2
1
0
nucl_diversity
0.0022
0.0021
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
genome position
1e6

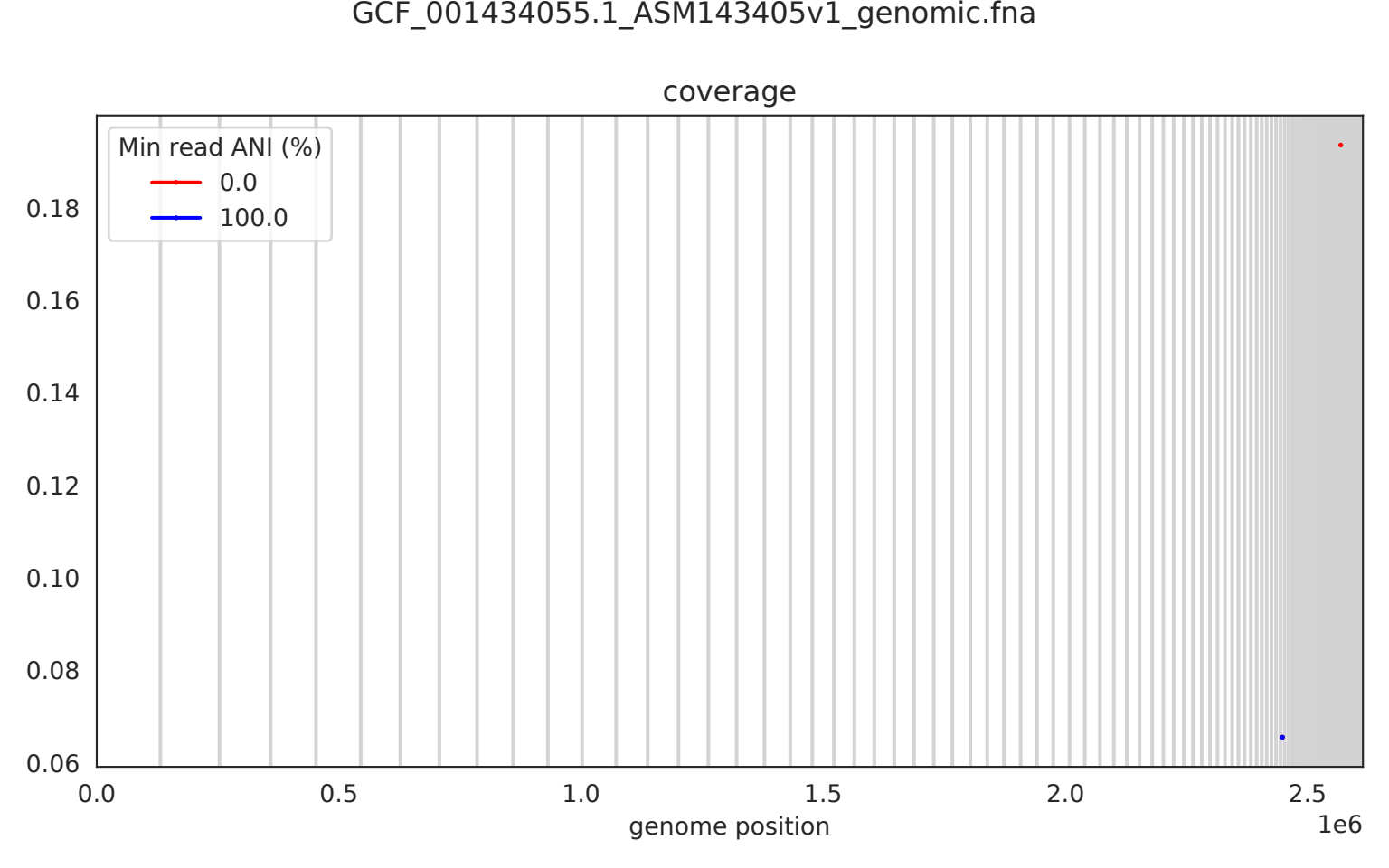

GCF_001311195.1_ASM131119v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.0390
0.0385
0.0380
0.0375
0.0370
0.0365
0.0360
0.0355
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

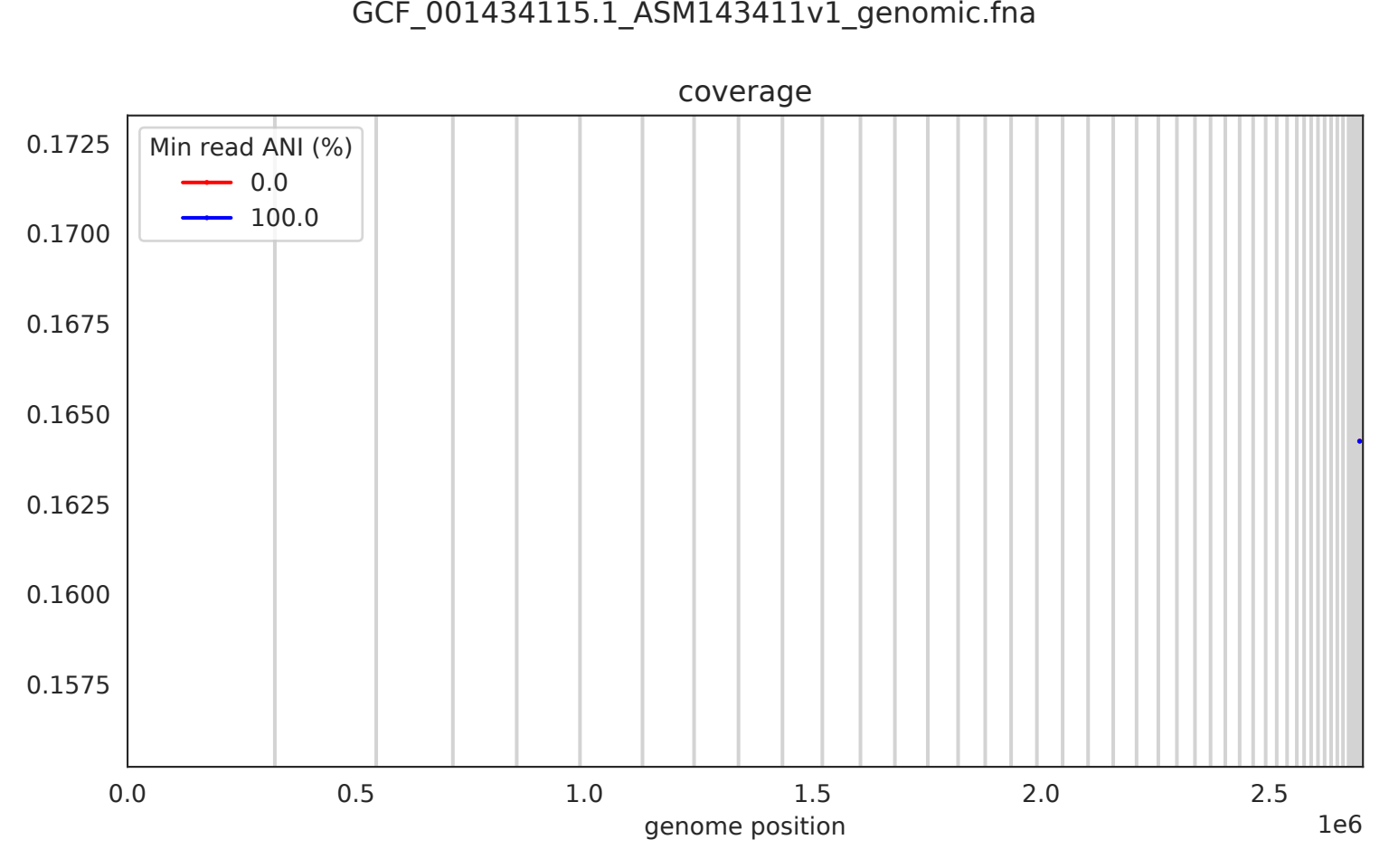

GCF_001311375.1_ASM131137v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.170
0.168
0.166
0.164
0.162
0.160
0.158
0.156
0.154
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
genome position
1e6

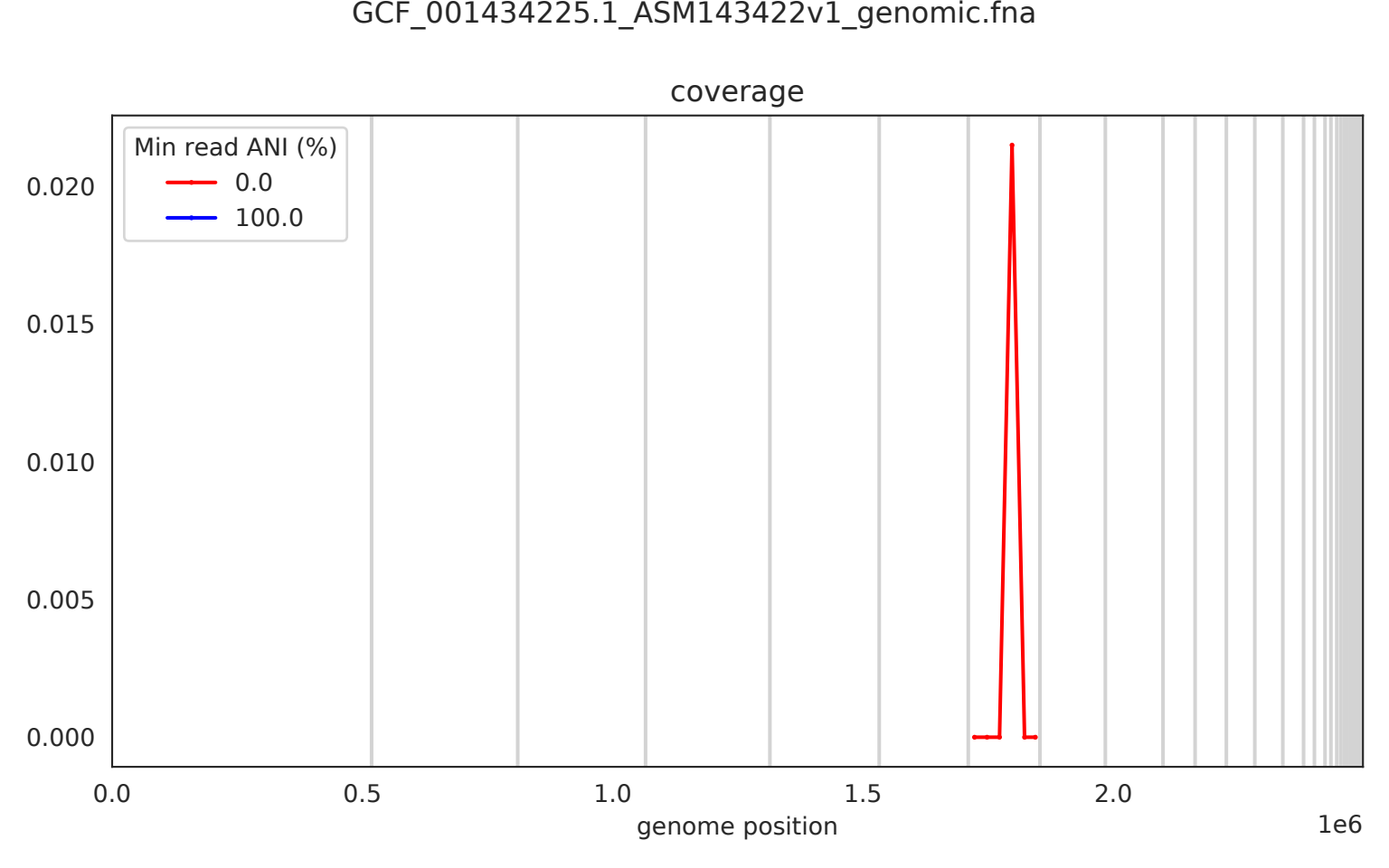

GCF_001311785.1_ASM131178v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.350
0.325
0.300
0.275
0.250
nucl_diversity
0.0034
0.0033
0.0032
0.0
0.5
1.0
1.5
2.0
genome position
1e6

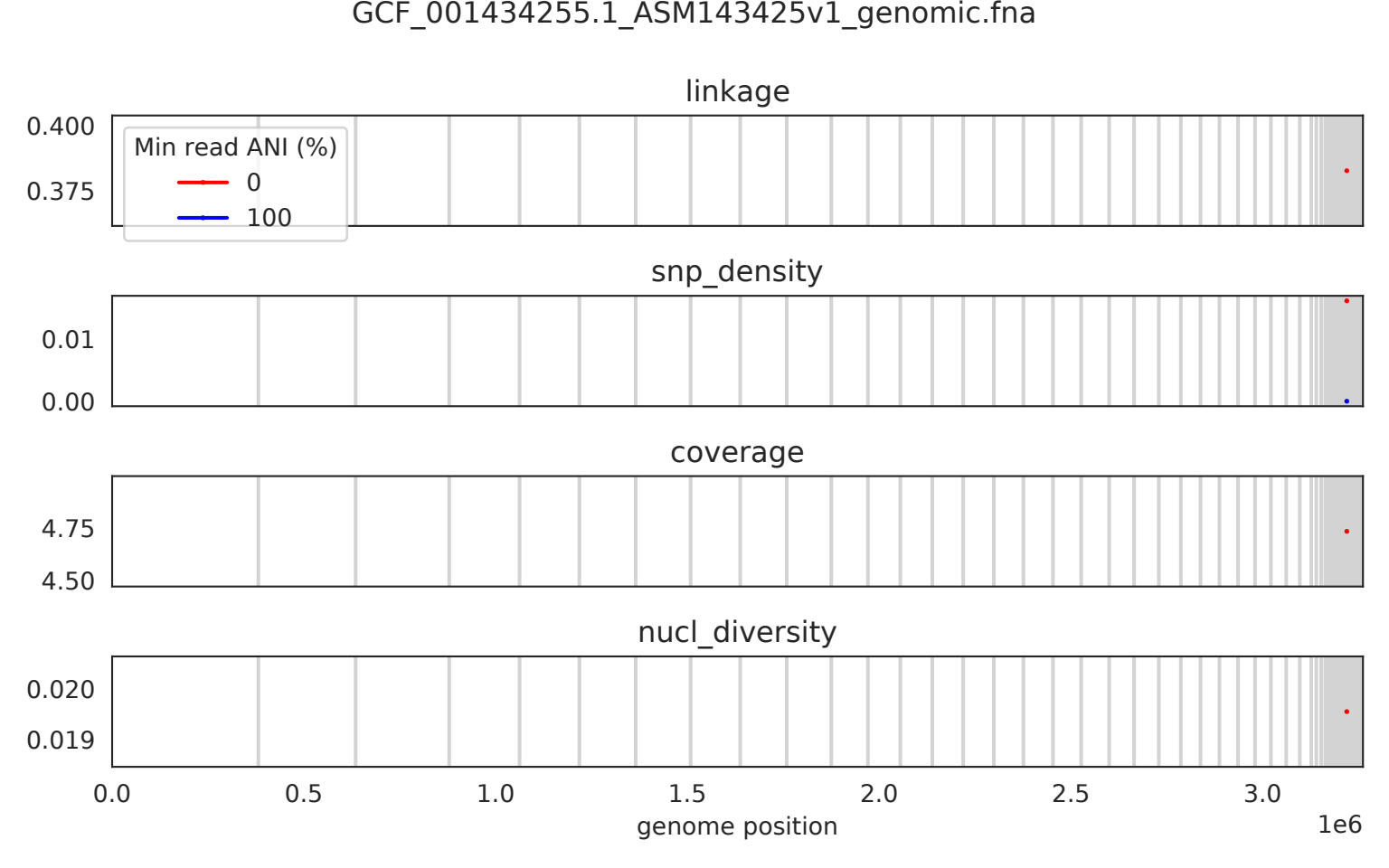

GCF_001312865.1_ASM131286v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.01775
0.01750
0.01725
0.01700
0.01675
0.01650
0.01625
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

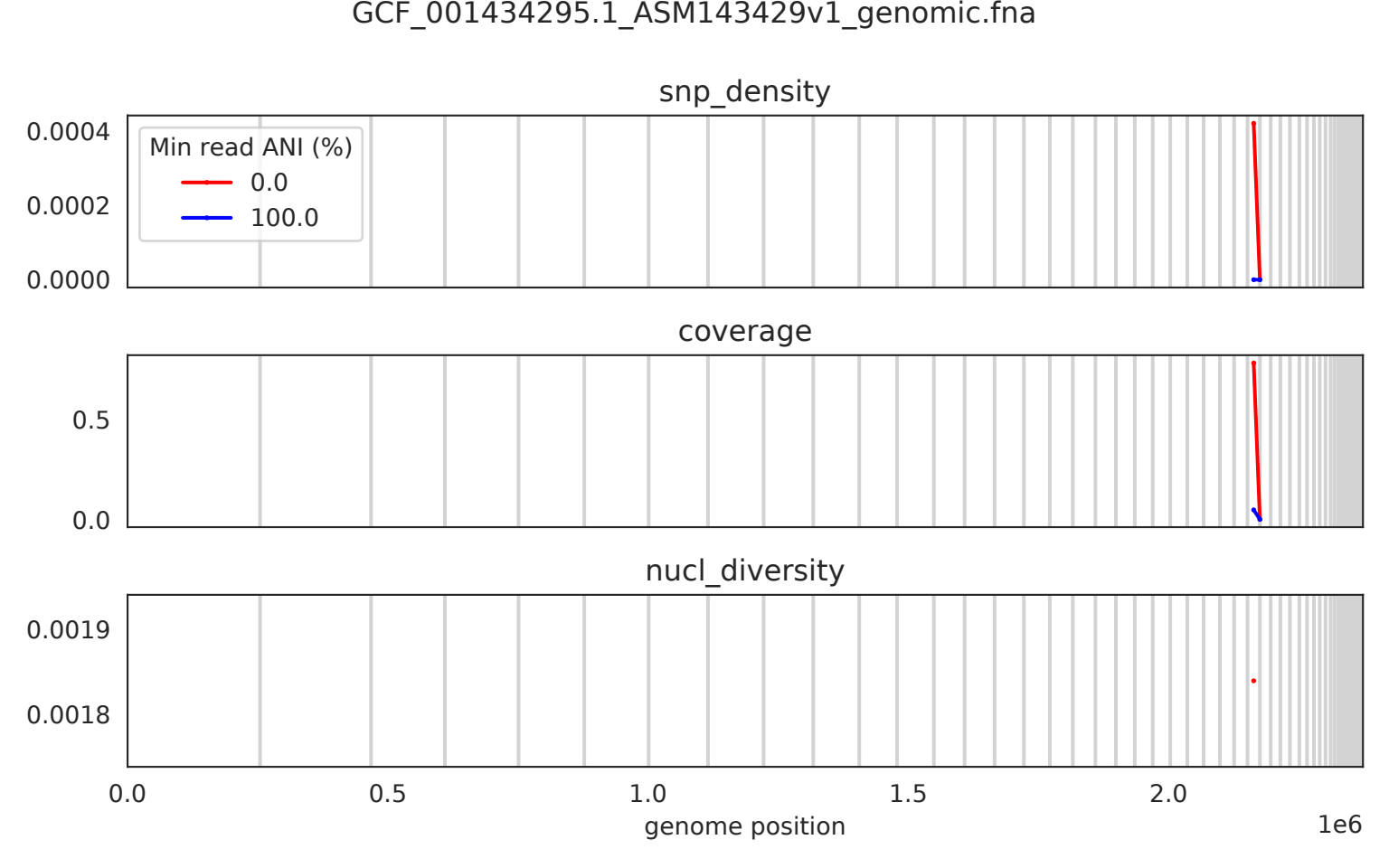

GCF_001433875.1_ASM143387v1_genomic.fna
linkage
Min read ANI (%)
0
100
1
0
snp_density
0.05
0.00
coverage
200
0
nucl_diversity
0.02
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6

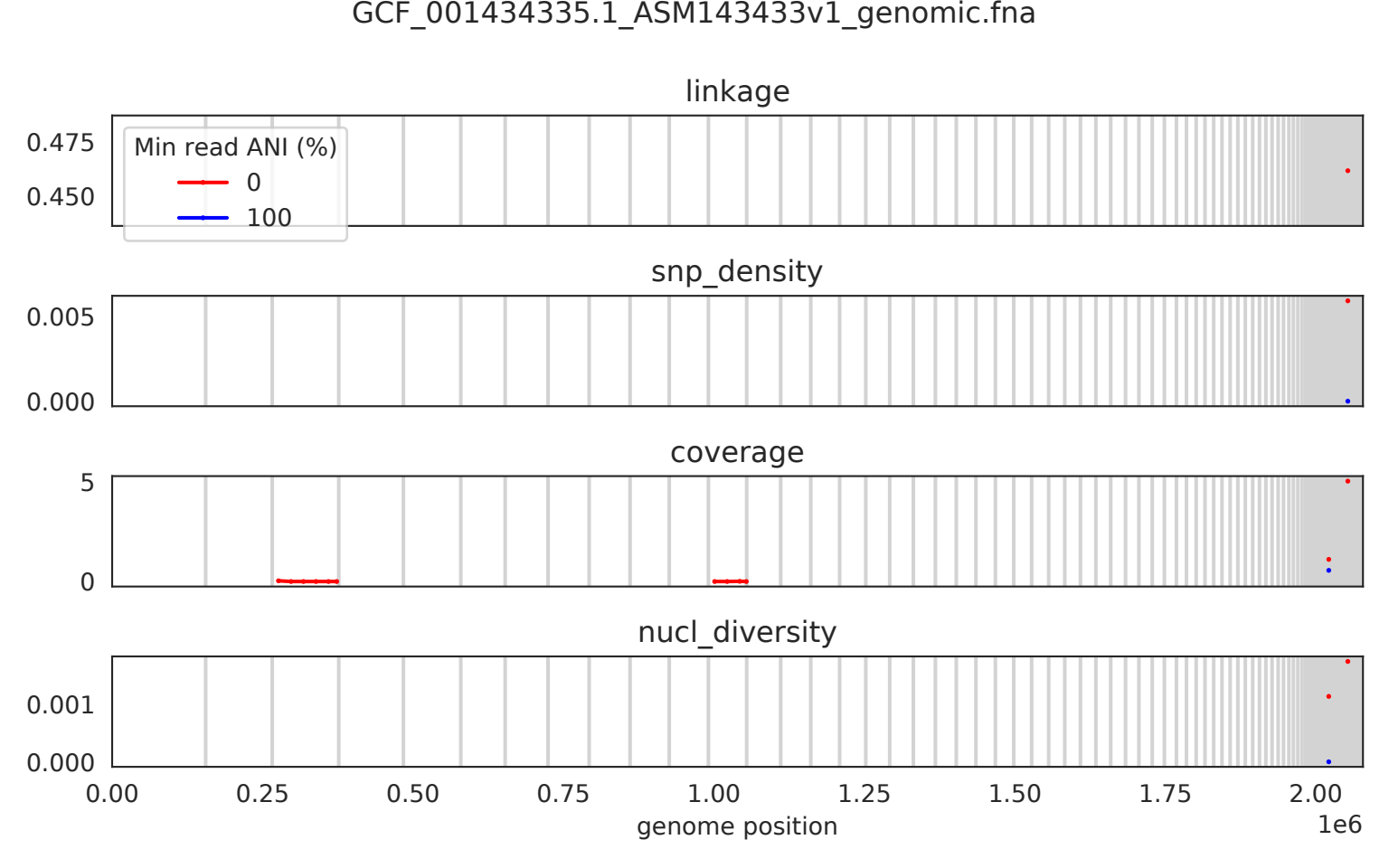

GCF_001434055.1_ASM143405v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

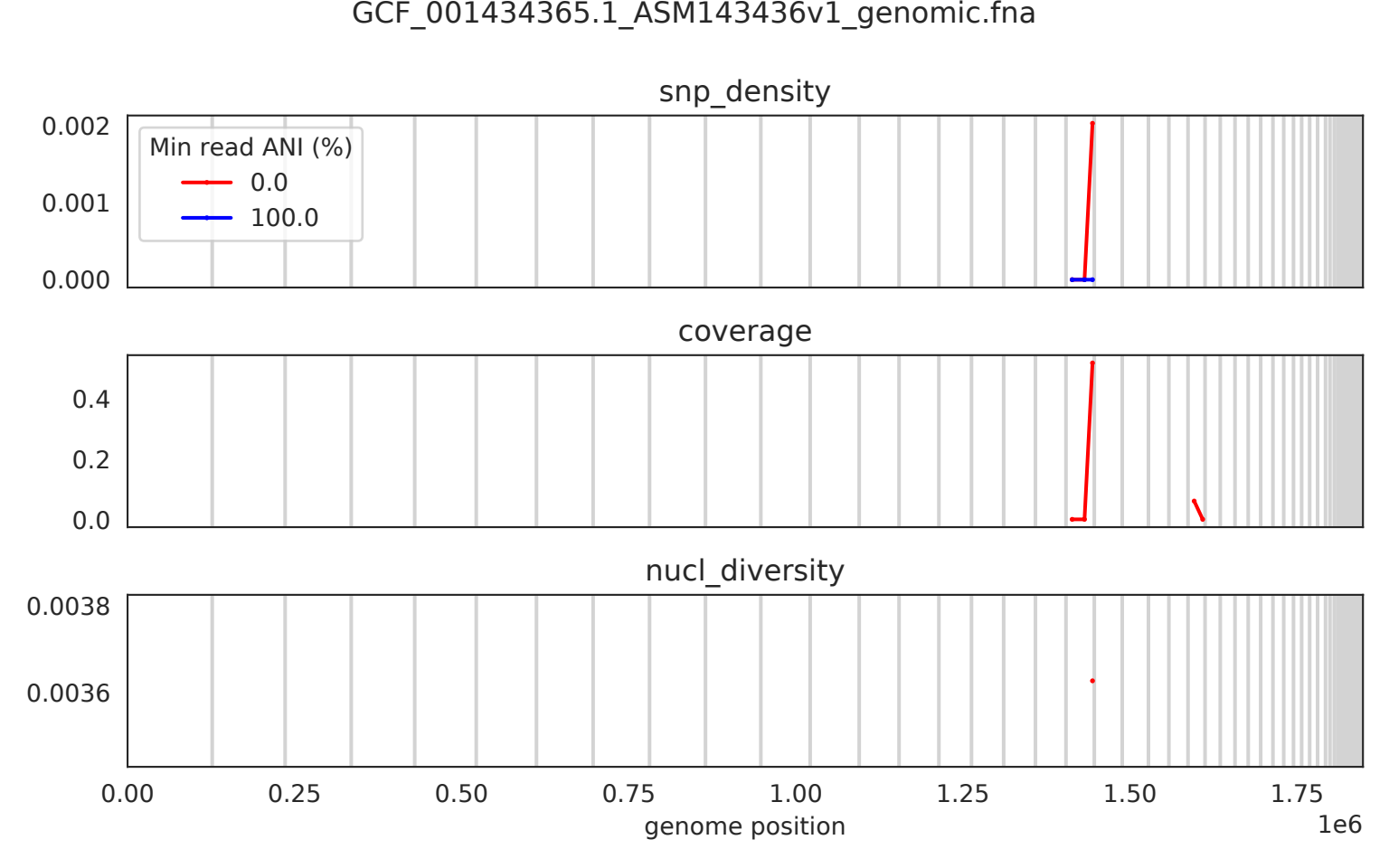

GCF_001434115.1_ASM143411v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.1725
0.1700
0.1675
0.1650
0.1625
0.1600
0.1575
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

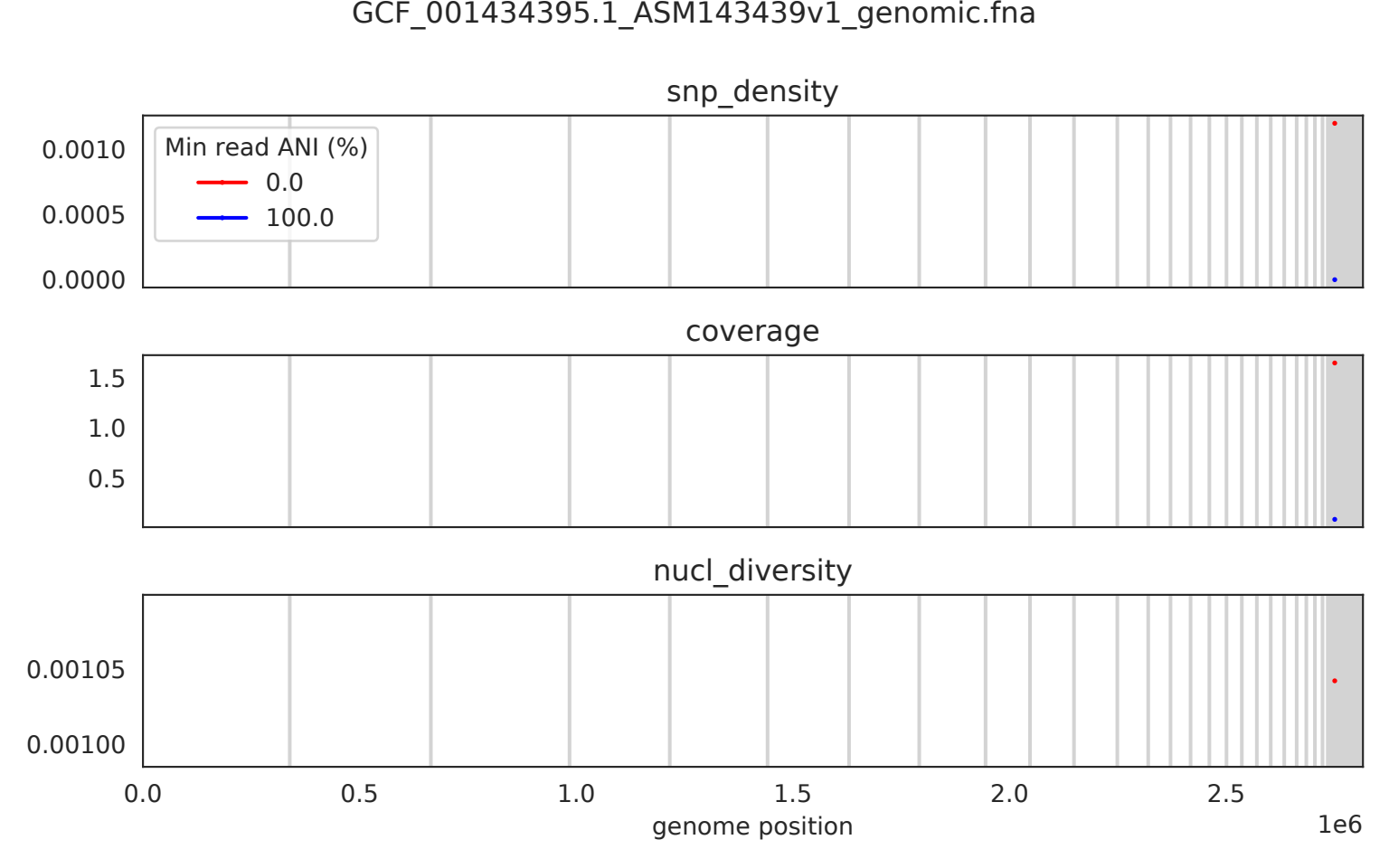

GCF_001434225.1_ASM143422v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.020
0.015
0.010
0.005
0.000
0.0
0.5
1.0
1.5
2.0
genome position
1e6

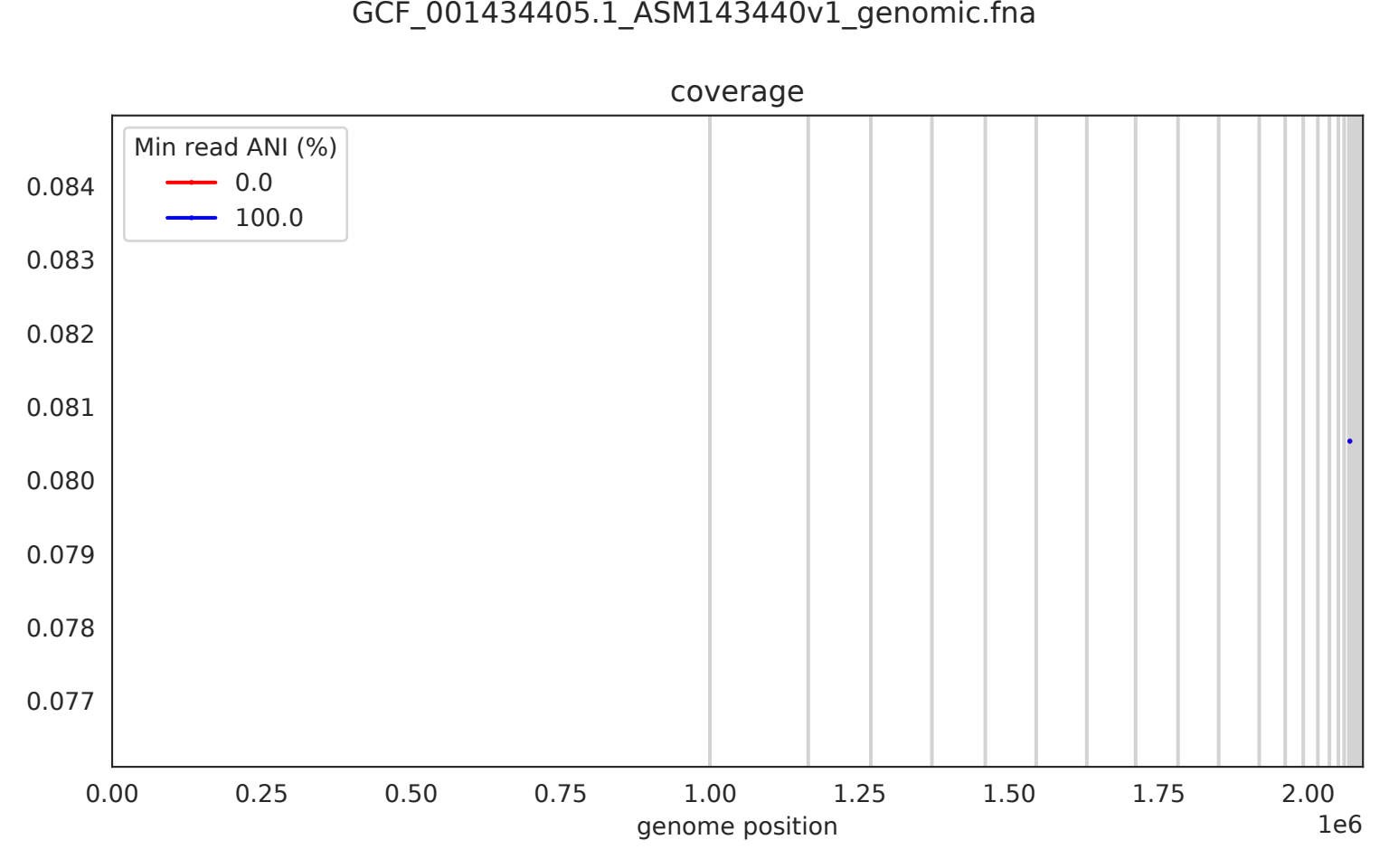

GCF_001434255.1_ASM143425v1_genomic.fna
linkage
0.400
0.375
Min read ANI (%)
0
100
snp_density
0.01
0.00
coverage
4.75
4.50
nucl_diversity
0.020
0.019
0.0
0.5
1.0
1.5
2.0
2.5
3.0
genome position
1e6

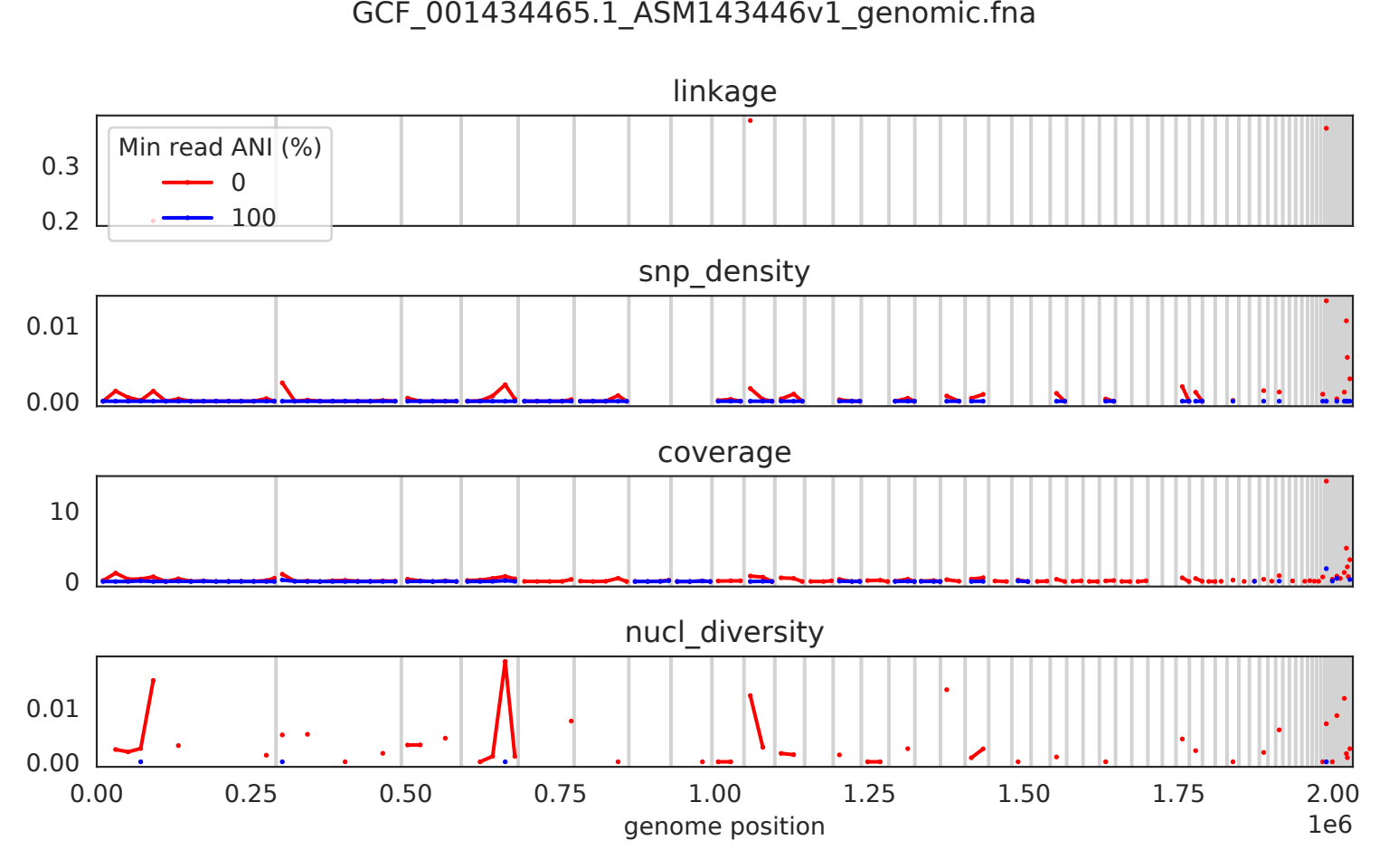

GCF_001434295.1_ASM143429v1_genomic.fna
snp_density
0.0004
0.0002
0.0000
Min read ANI (%)
0.0
100.0
coverage
0.5
0.0
nucl_diversity
0.0019
0.0018
0.0
0.5
1.0
1.5
2.0
genome position
1e6

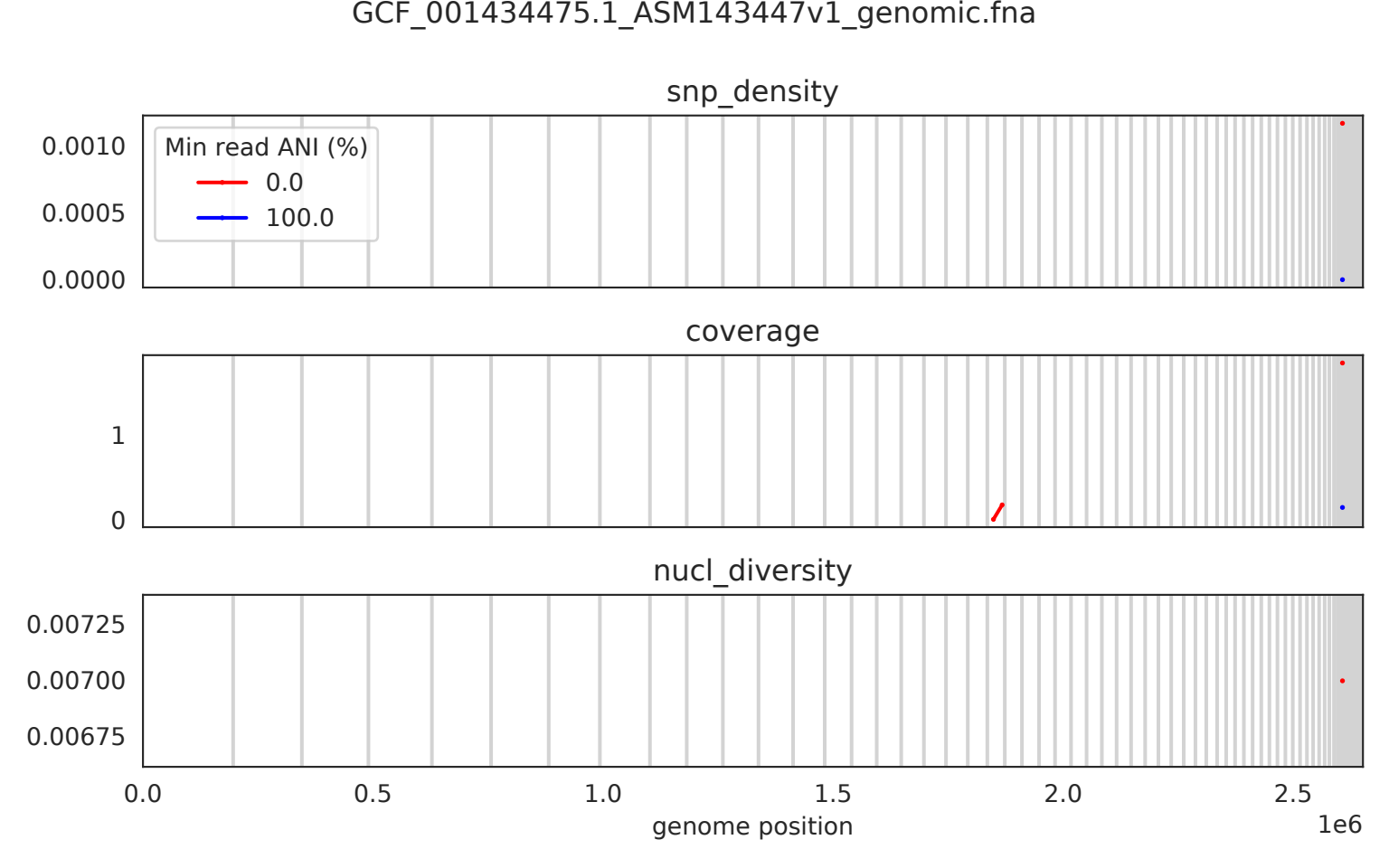

GCF_001434335.1_ASM143433v1_genomic.fna
linkage
Min read ANI (%)
0
100
0.475
0.450
snp_density
0.005
0.000
coverage
5
0
nucl_diversity
0.001
0.000
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

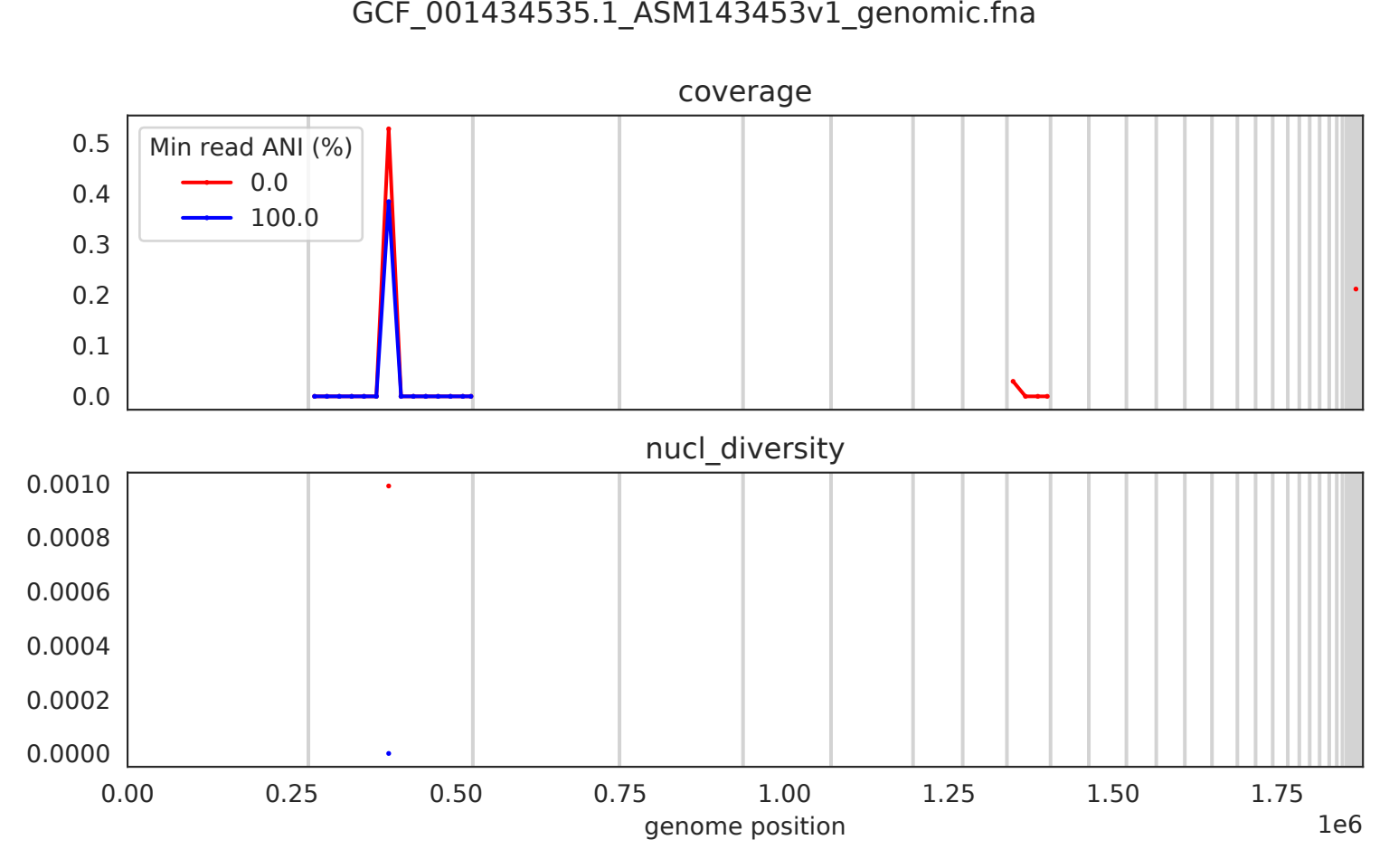

GCF_001434365.1_ASM143436v1_genomic.fna
snp_density
0.002
0.001
0.000
Min read ANI (%)
0.0
100.0
coverage
0.4
0.2
0.0
nucl_diversity
0.0038
0.0036
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

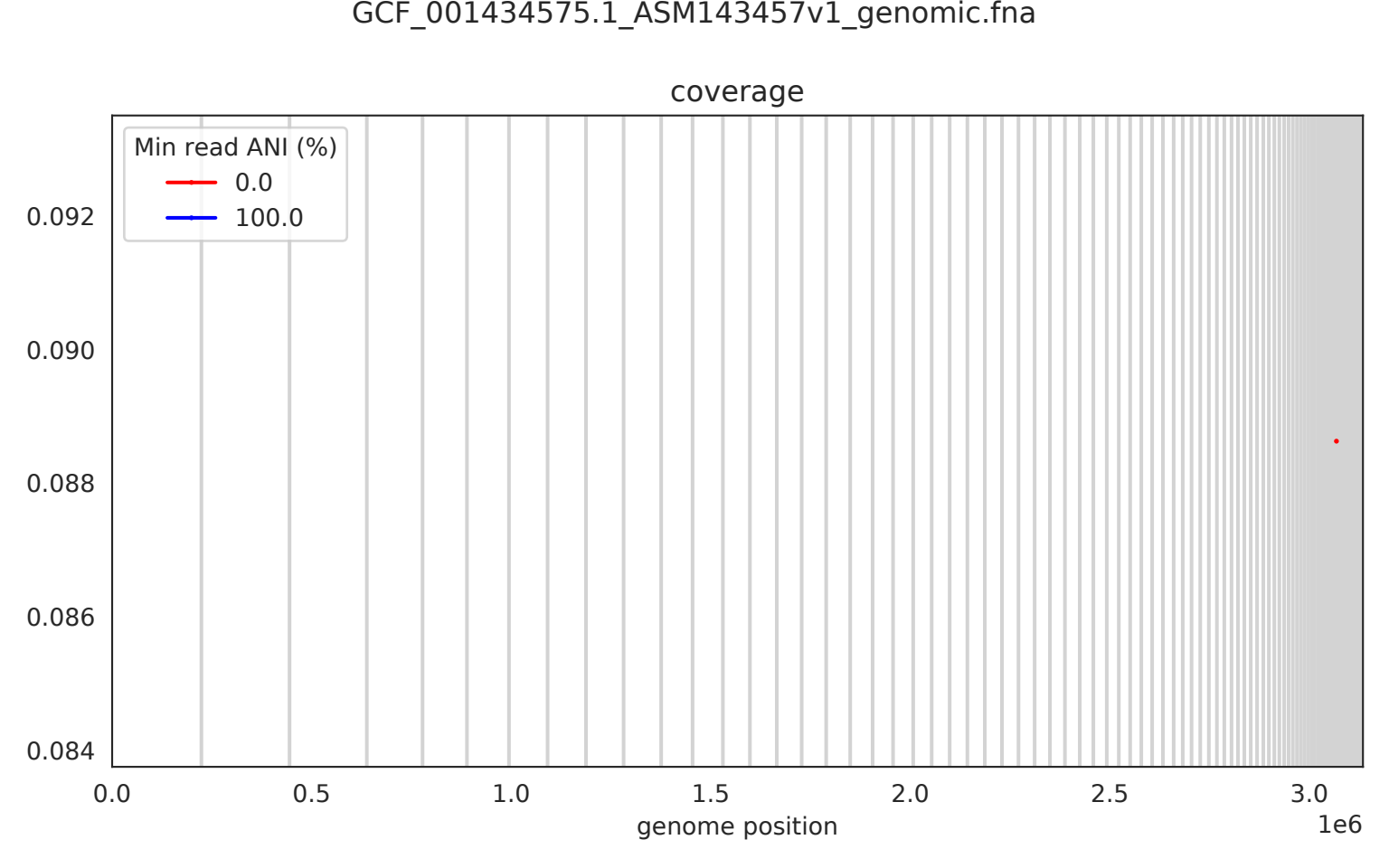

GCF_001434395.1_ASM143439v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0010
0.0005
0.0000
coverage
1.5
1.0
0.5
nucl_diversity
0.00105
0.00100
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

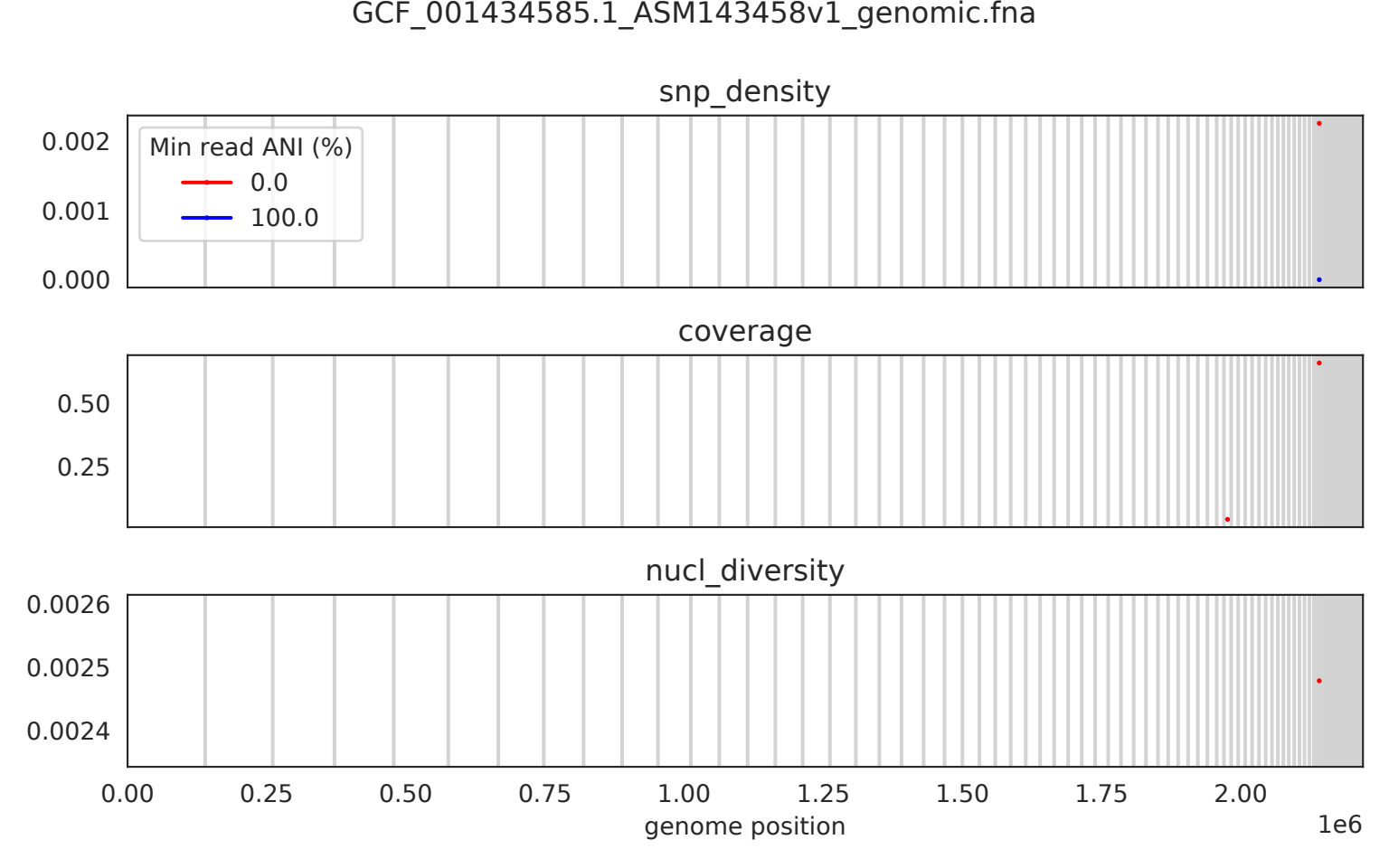

GCF_001434405.1_ASM143440v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.084
0.083
0.082
0.081
0.080
0.079
0.078
0.077
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

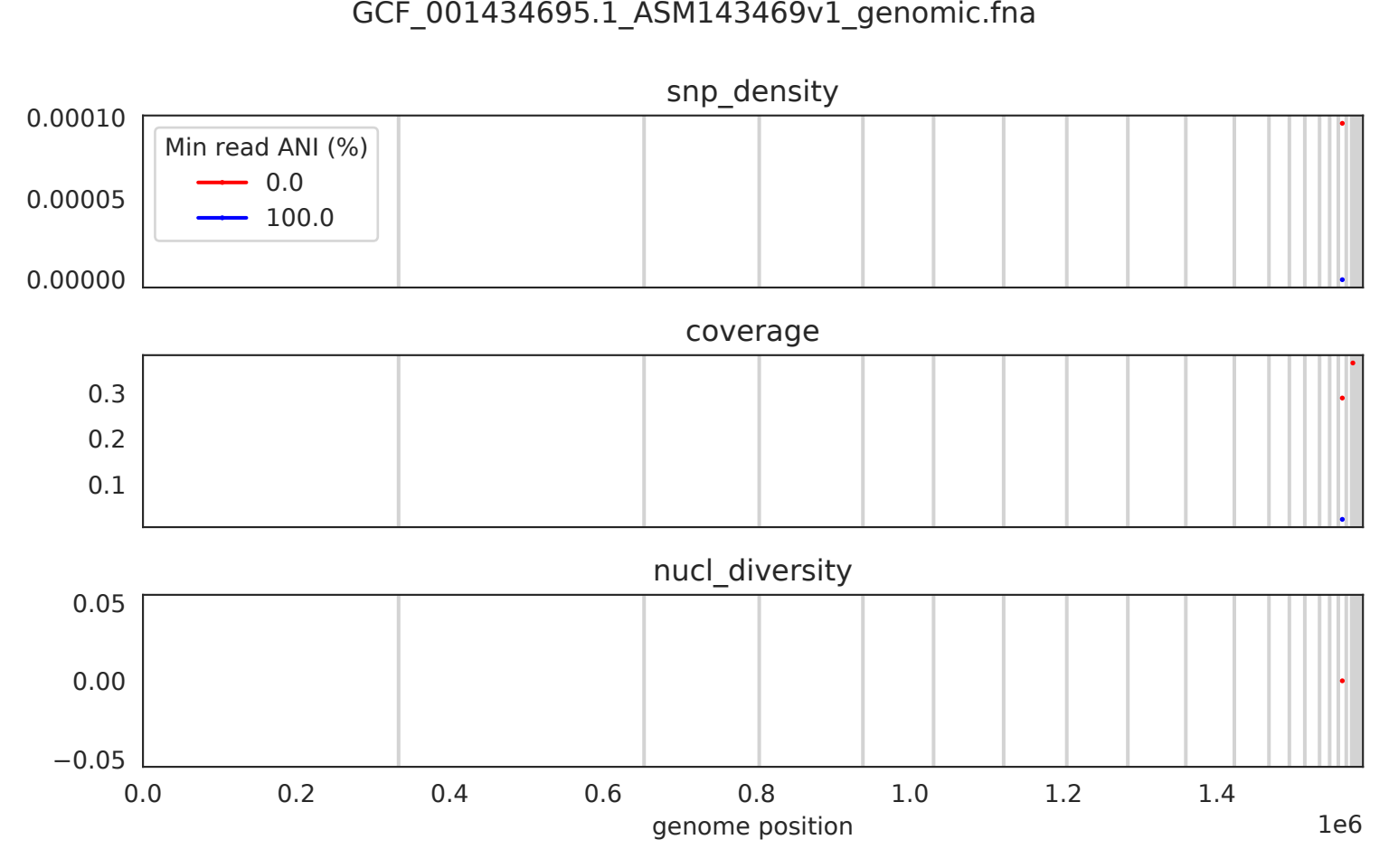

GCF_001434465.1_ASM143446v1_genomic.fna
linkage
Min read ANI (%)
0
100
0.3
0.2
snp_density
0.01
0.00
coverage
10
0
nucl_diversity
0.01
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

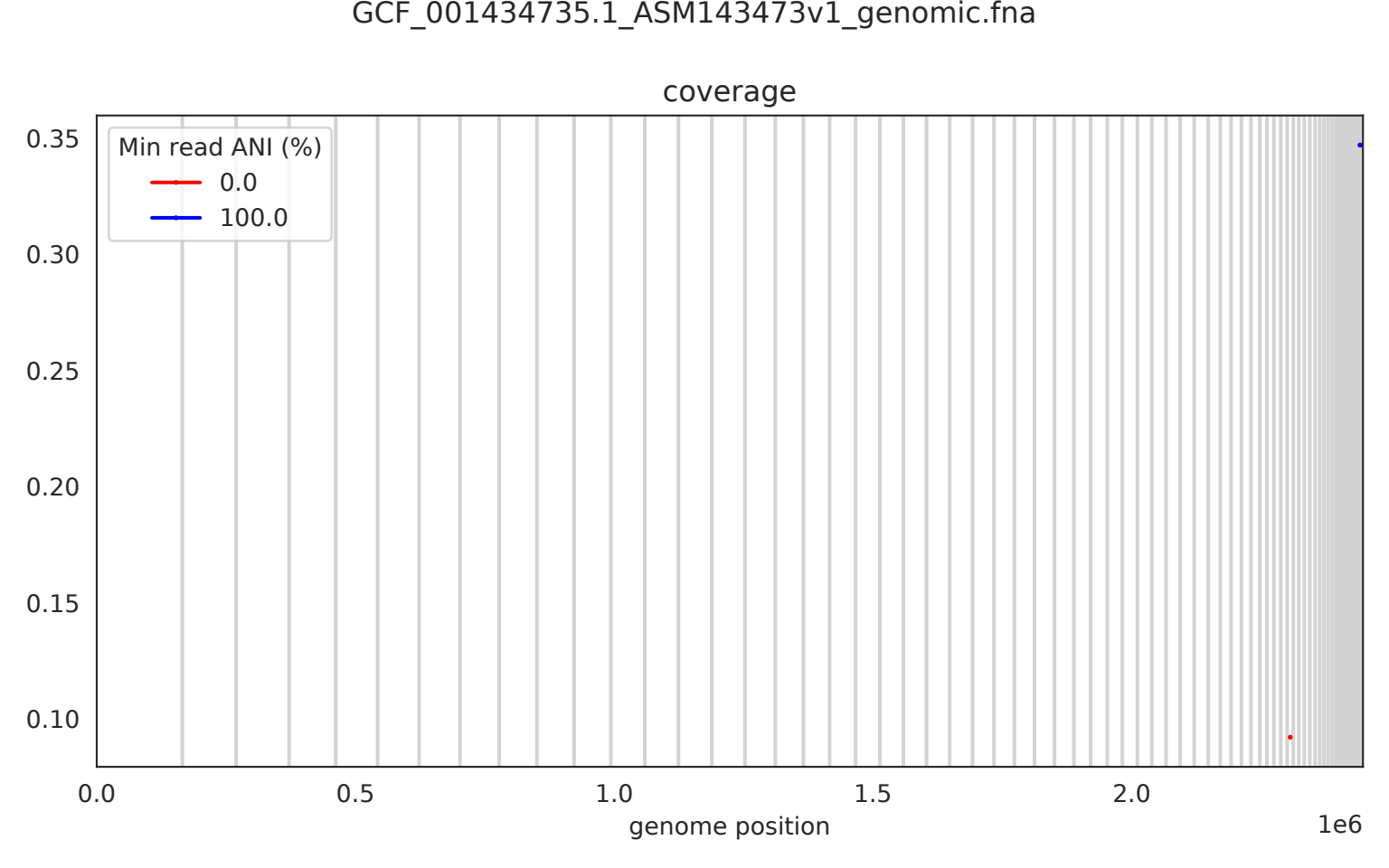

GCF_001434475.1_ASM143447v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0010
0.0005
0.0000
coverage
1
0
nucl_diversity
0.00725
0.00700
0.00675
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

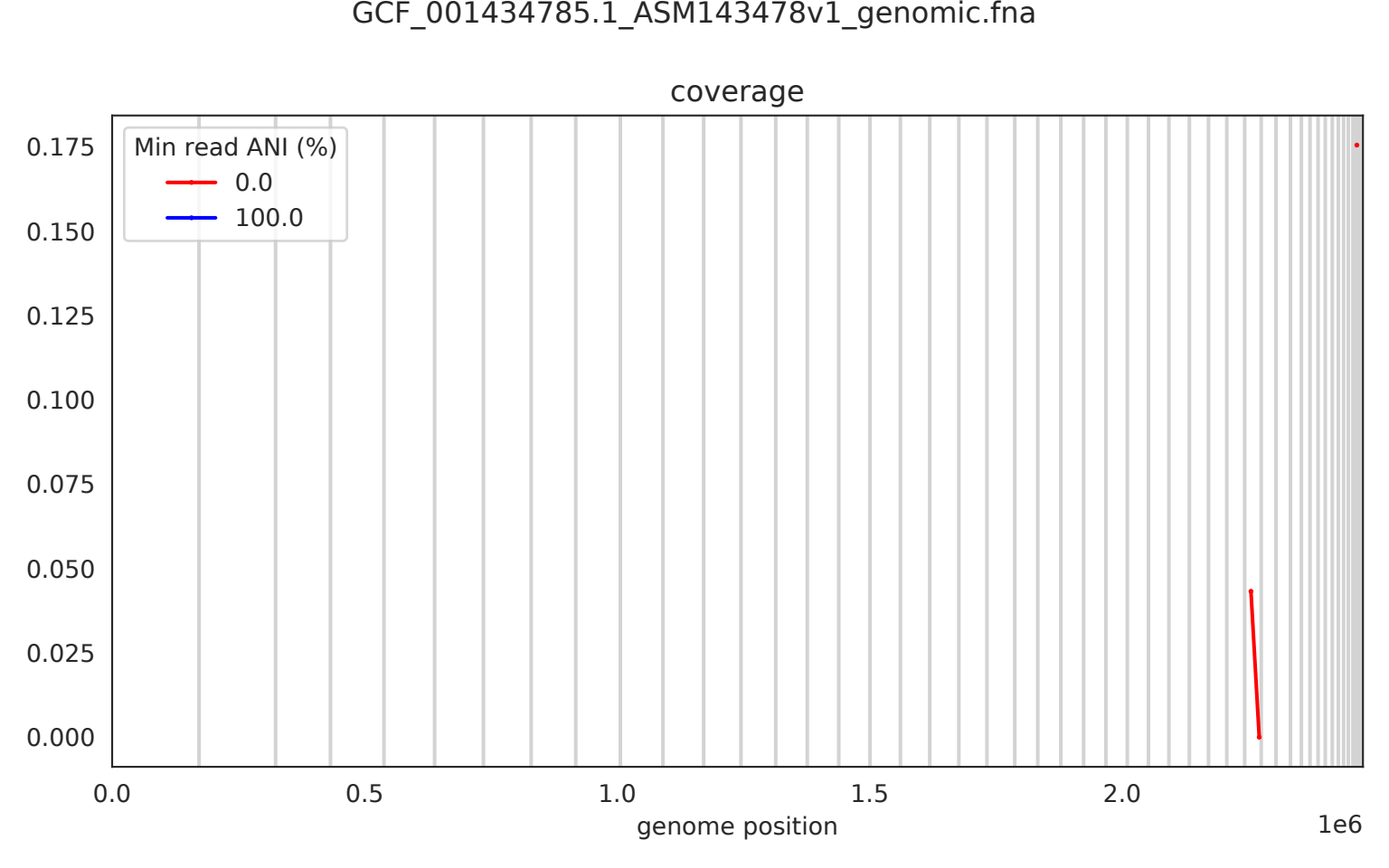

GCF_001434535.1_ASM143453v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.5
0.4
0.3
0.2
0.1
0.0
nucl_diversity
0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

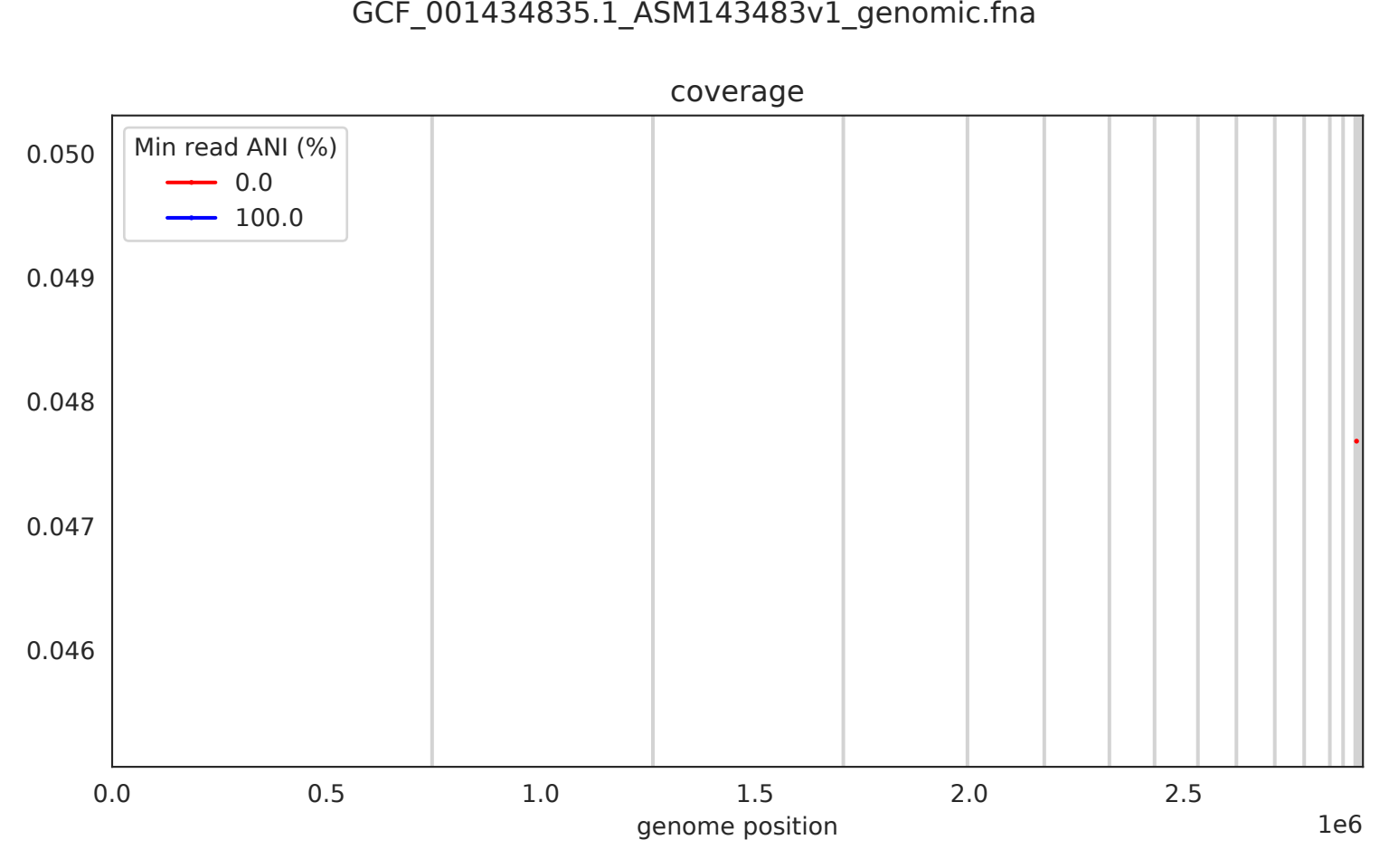

GCF_001434575.1_ASM143457v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.092
0.090
0.088
0.086
0.084
0.0
0.5
1.0
1.5
2.0
2.5
3.0
genome position
1e6

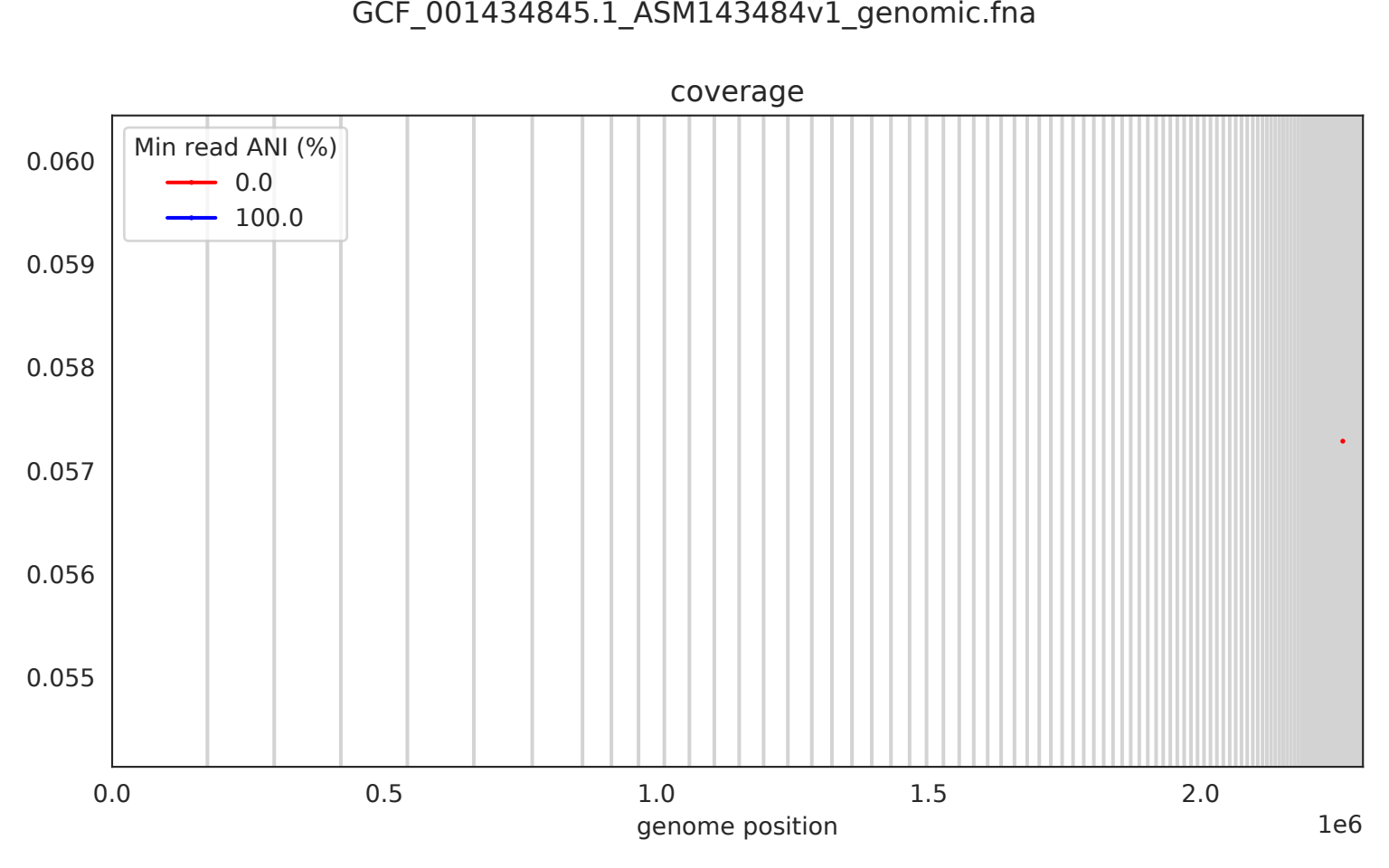

GCF_001434585.1_ASM143458v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.002
0.001
0.000
coverage
0.50
0.25
nucl_diversity
0.0026
0.0025
0.0024
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

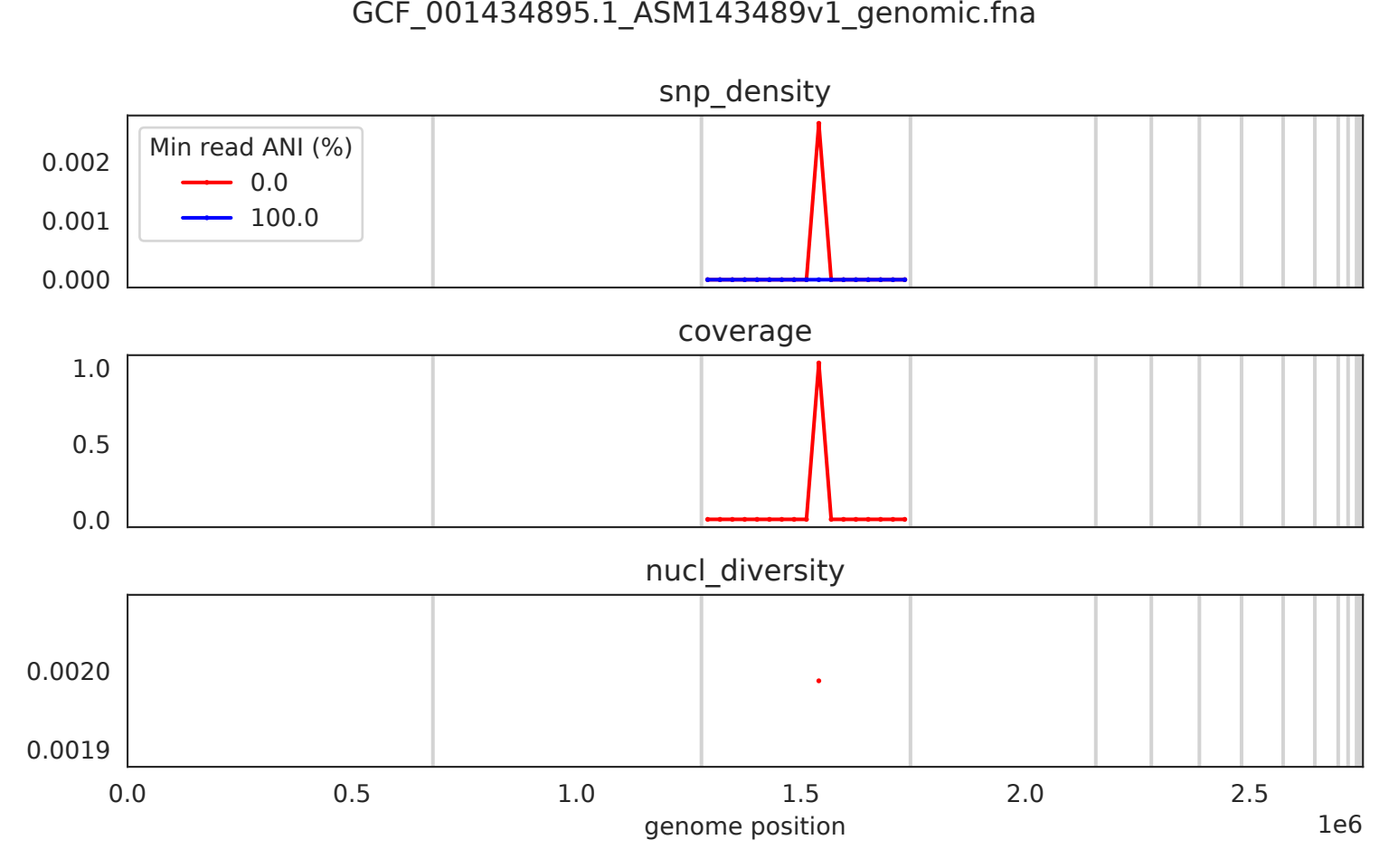

GCF_001434695.1_ASM143469v1_genomic.fna
snp_density
0.00010
0.00005
0.00000
Min read ANI (%)
0.0
100.0
coverage
0.3
0.2
0.1
nucl_diversity
0.05
0.00
−0.05
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
genome position
1e6

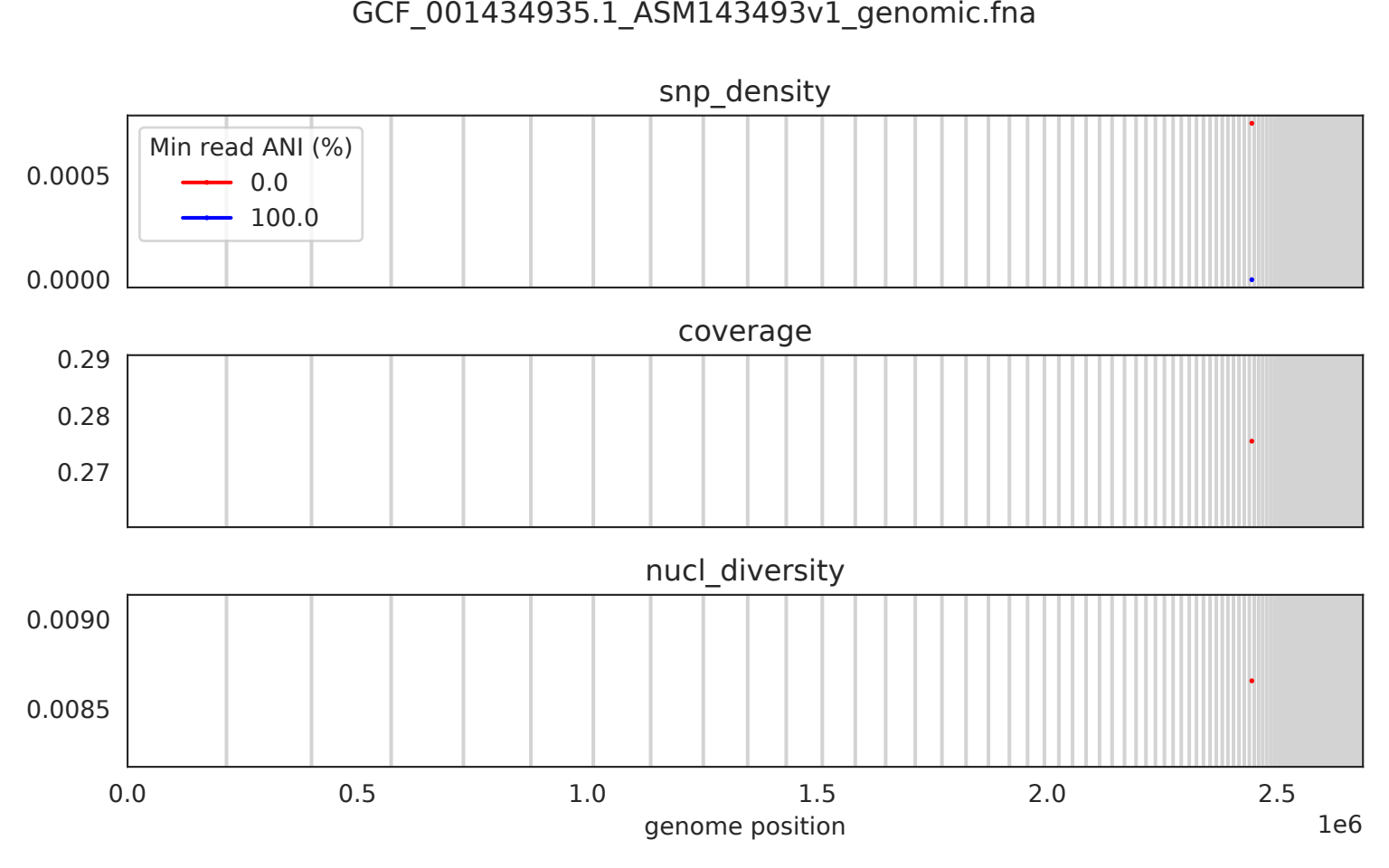

GCF_001434735.1_ASM143473v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.35
0.30
0.25
0.20
0.15
0.10
0.0
0.5
1.0
1.5
2.0
genome position
1e6

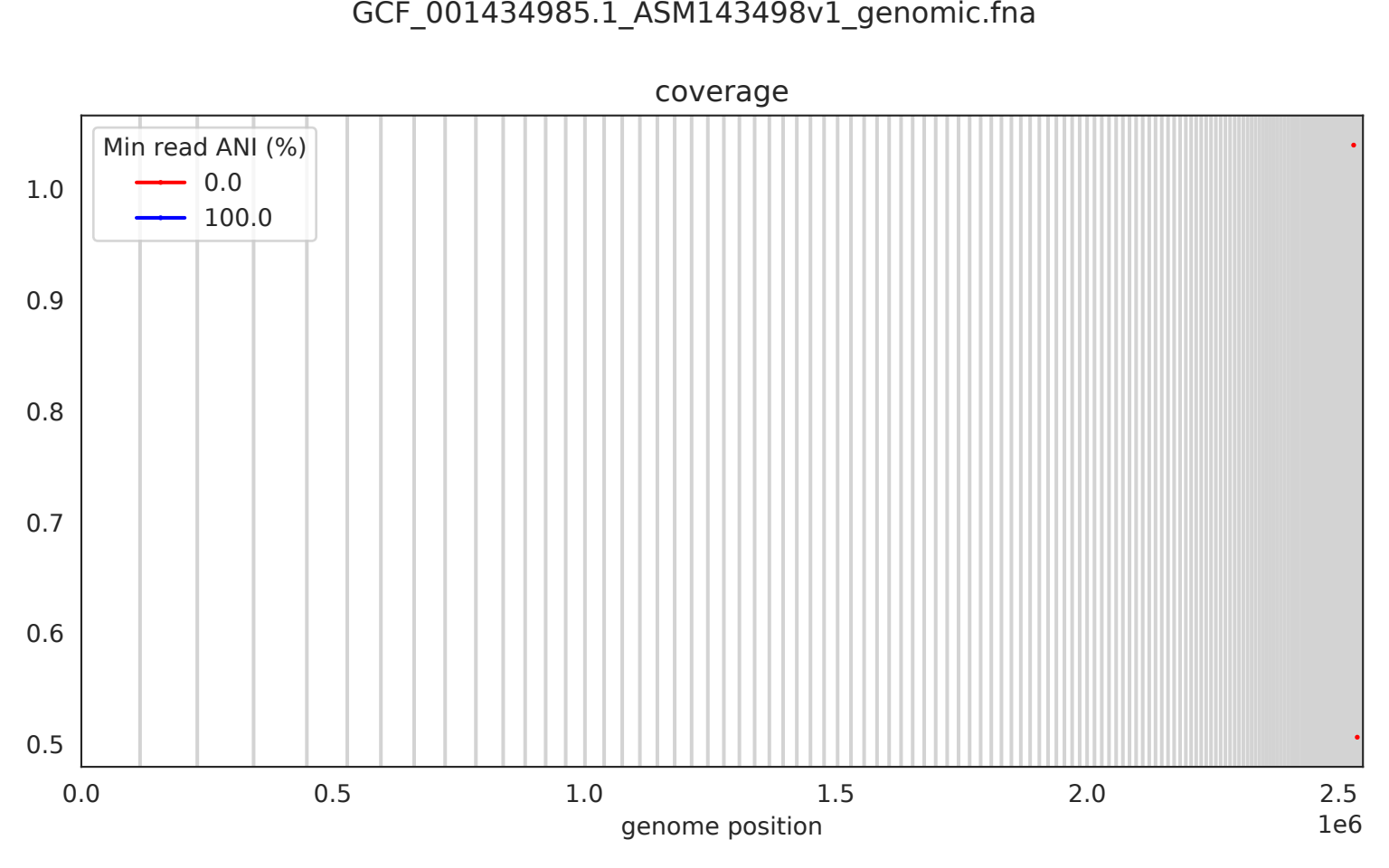

GCF_001434785.1_ASM143478v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.175
0.150
0.125
0.100
0.075
0.050
0.025
0.000
0.0
0.5
1.0
1.5
2.0
genome position
1e6

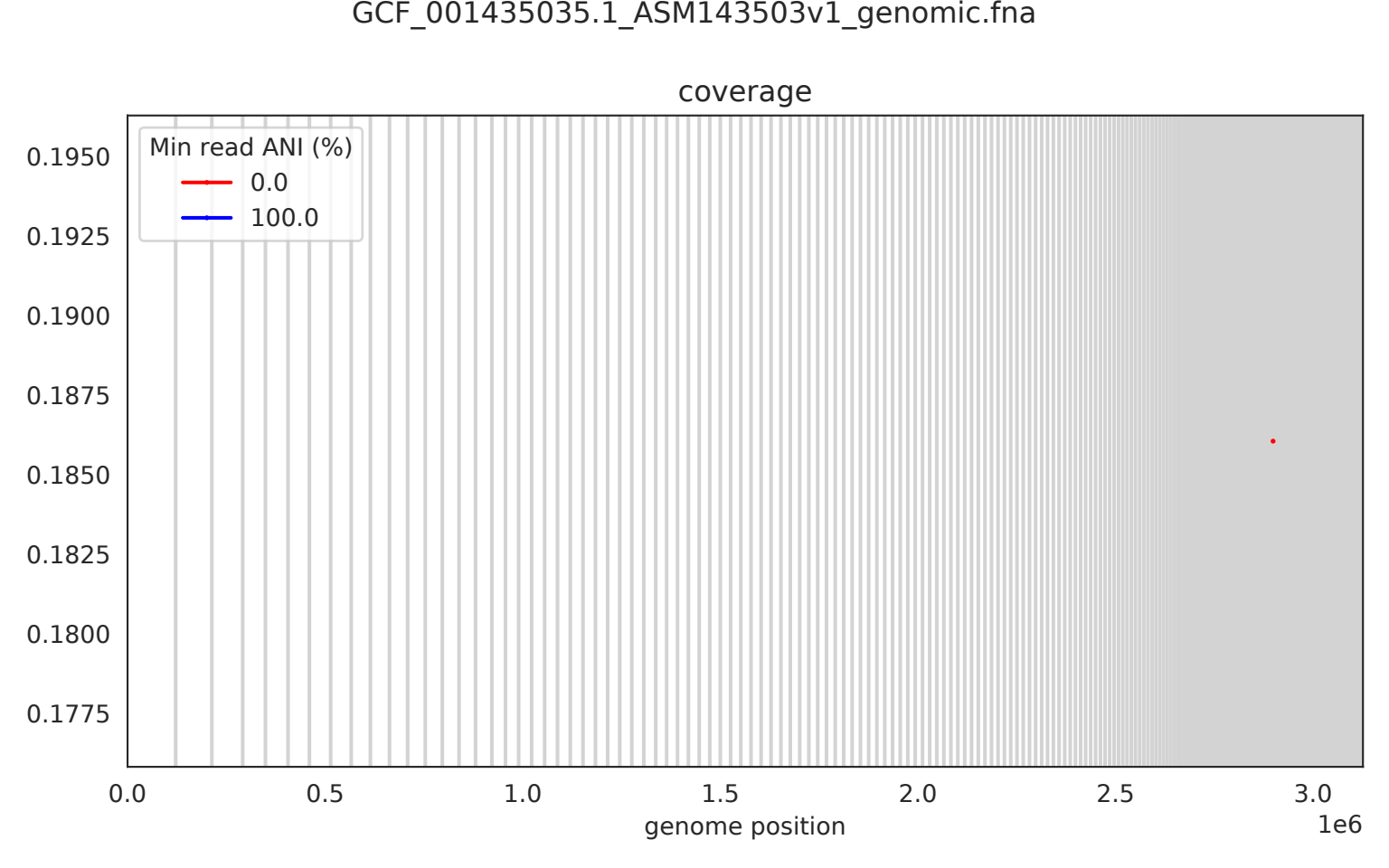

GCF_001434835.1_ASM143483v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.050
0.049
0.048
0.047
0.046
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

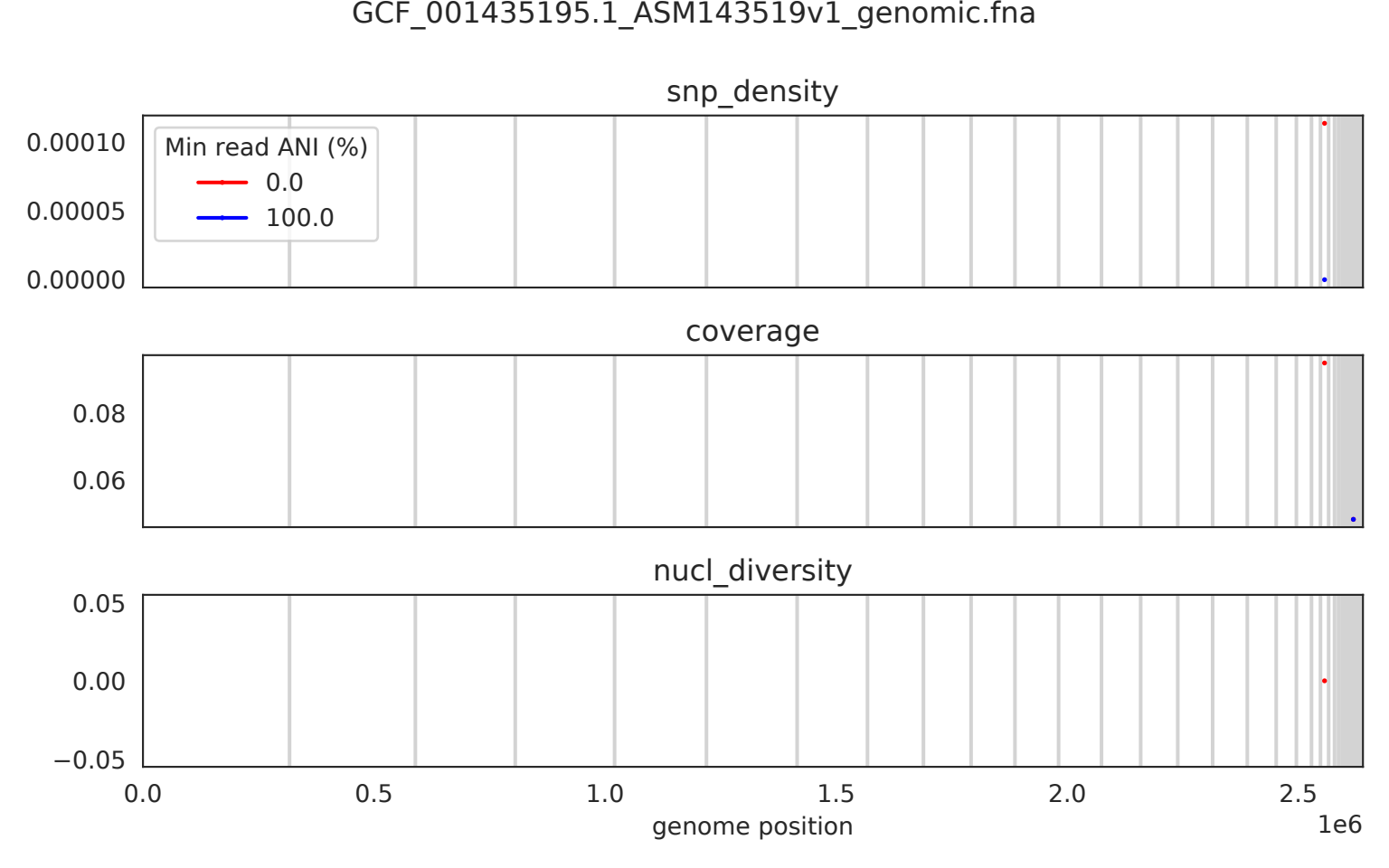

GCF_001434845.1_ASM143484v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.060
0.059
0.058
0.057
0.056
0.055
0.0
0.5
1.0
1.5
2.0
genome position
1e6

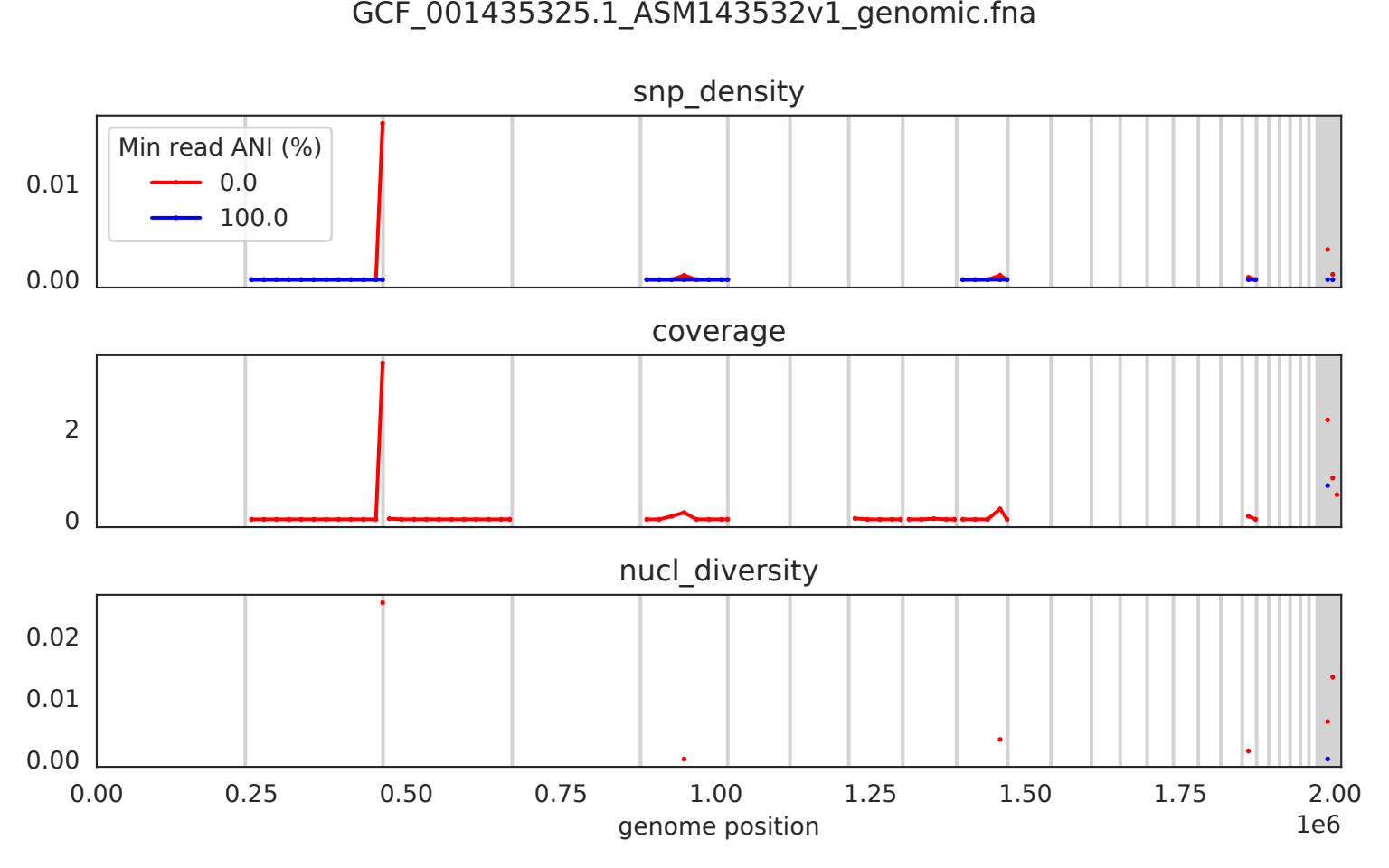

GCF_001434895.1_ASM143489v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.002
0.001
0.000
coverage
1.0
0.5
0.0
nucl_diversity
0.0020
0.0019
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

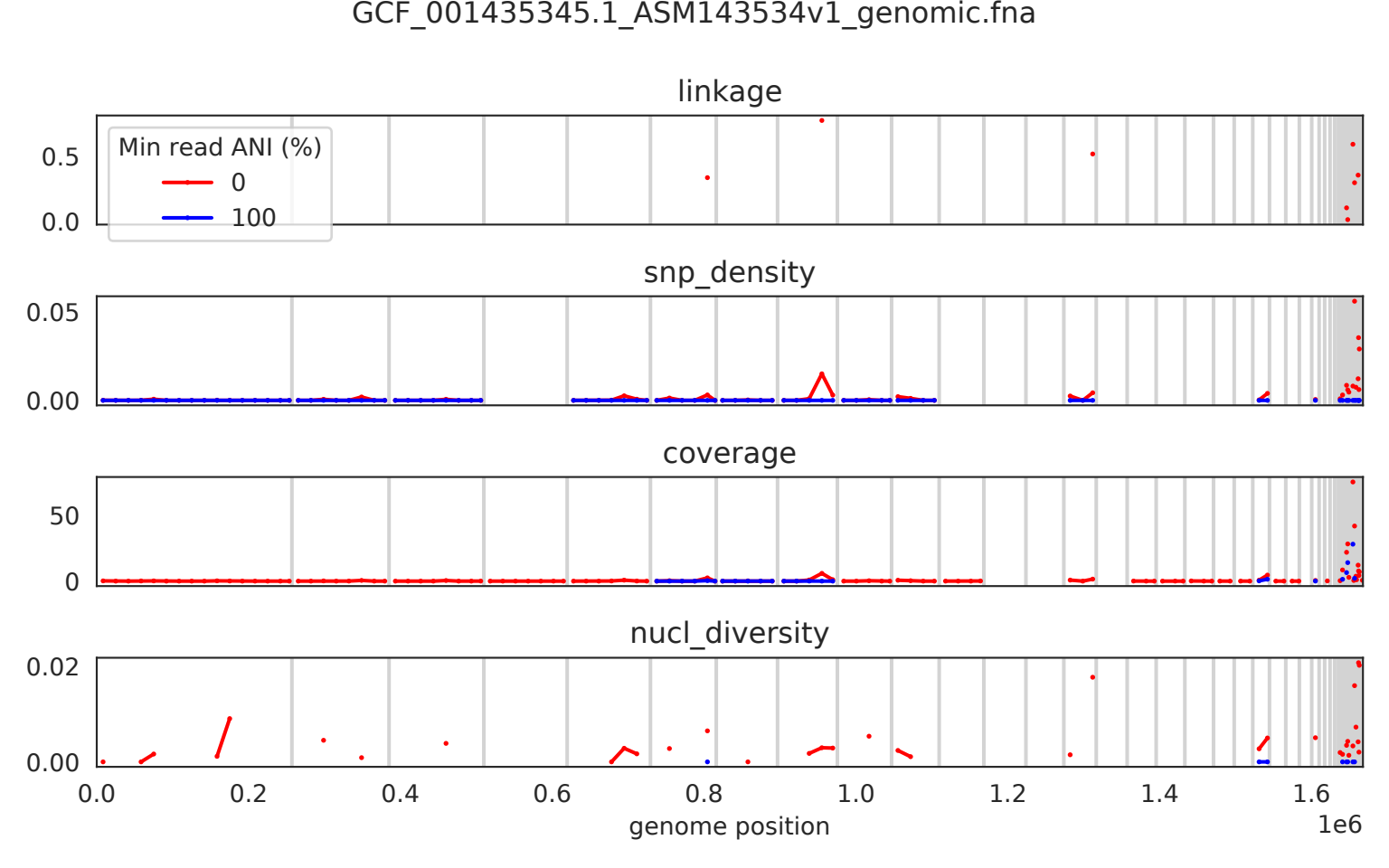

GCF_001434935.1_ASM143493v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0005
0.0000
coverage
0.29
0.28
0.27
nucl_diversity
0.0090
0.0085
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

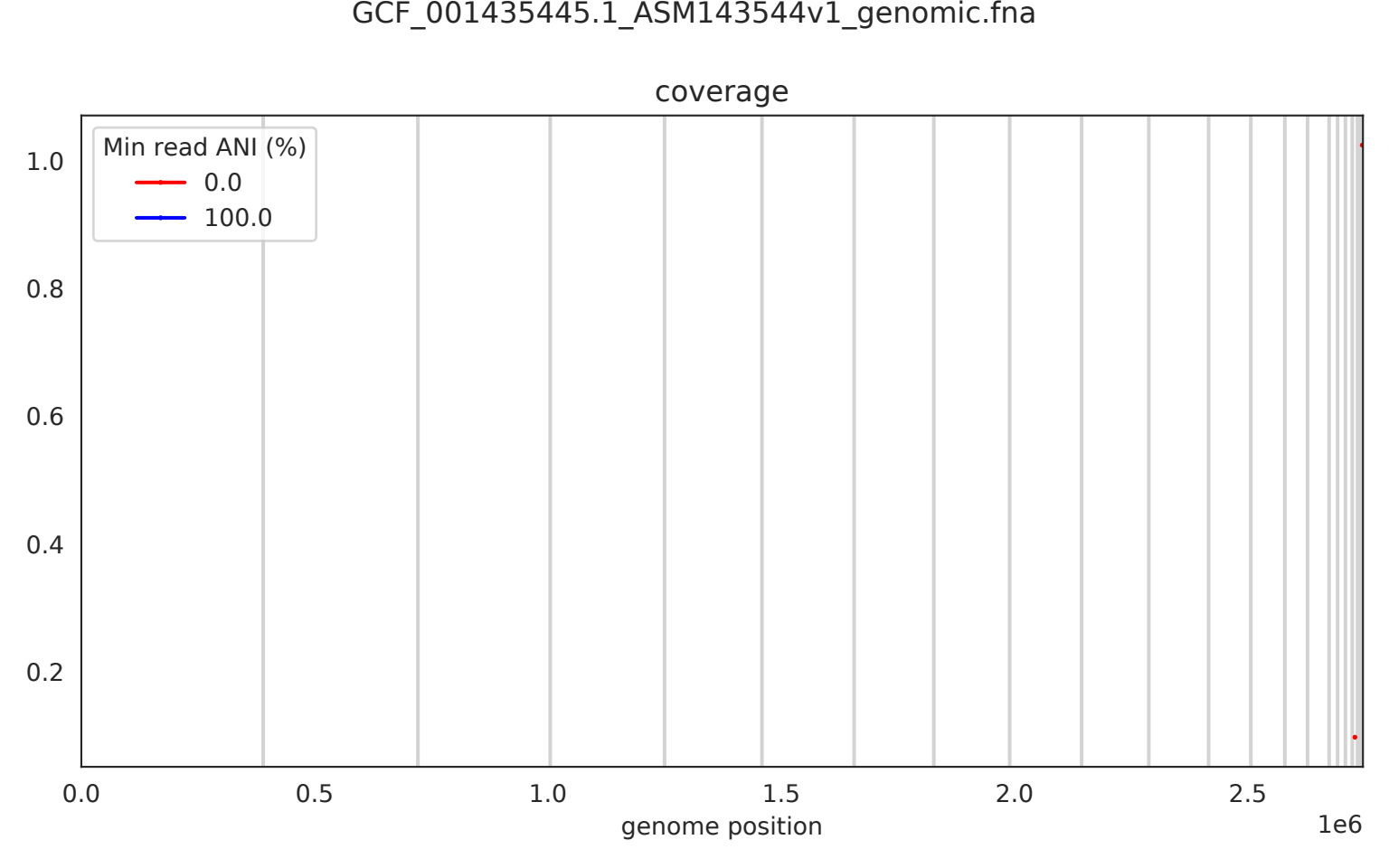

GCF_001434985.1_ASM143498v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
1.0
0.9
0.8
0.7
0.6
0.5
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

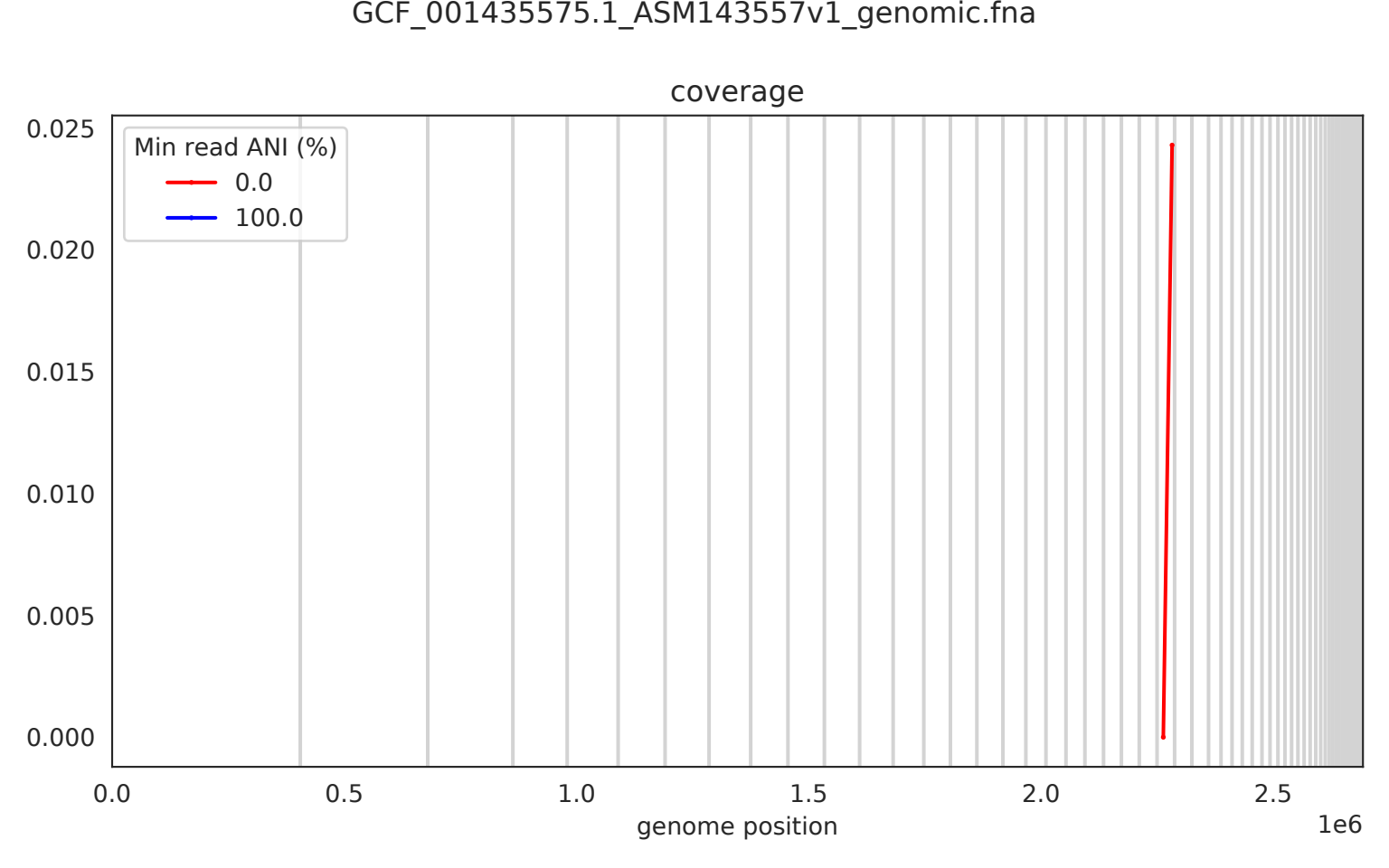

GCF_001435035.1_ASM143503v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.1950
0.1925
0.1900
0.1875
0.1850
0.1825
0.1800
0.1775
0.0
0.5
1.0
1.5
2.0
2.5
3.0
genome position
1e6

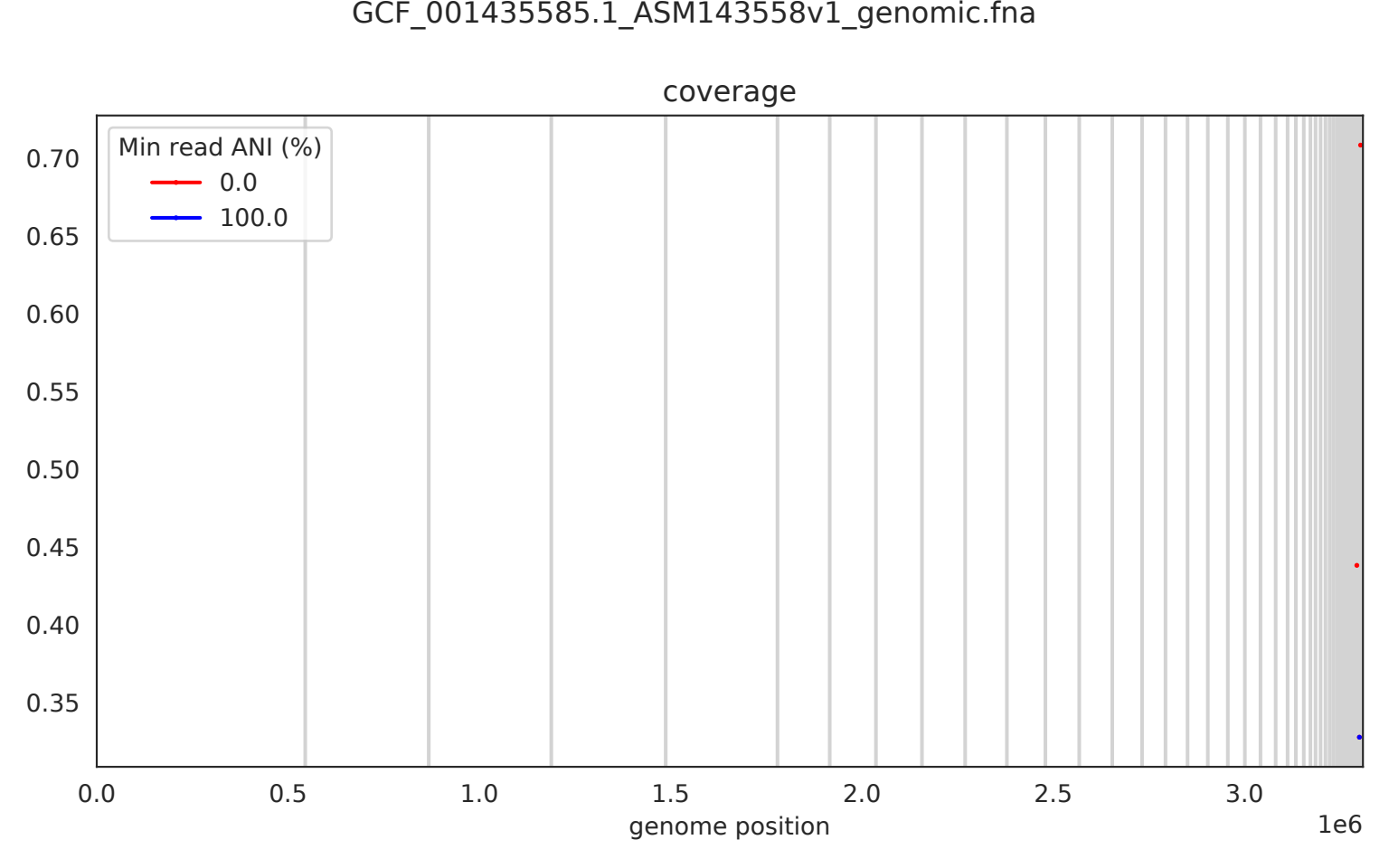

GCF_001435195.1_ASM143519v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.00010
0.00005
0.00000
coverage
0.08
0.06
nucl_diversity
0.05
0.00
−0.05
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

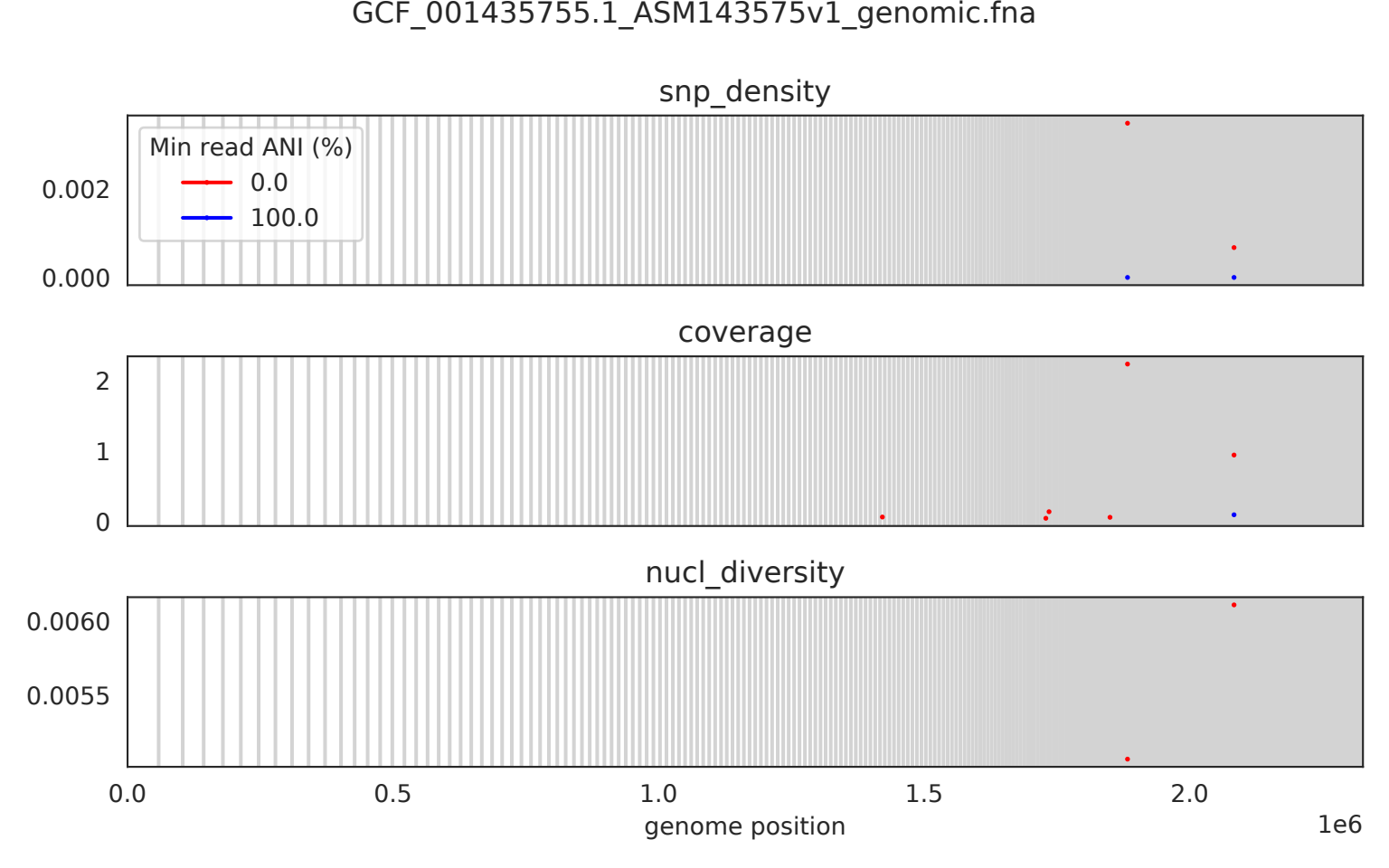

GCF_001435325.1_ASM143532v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.01
0.00
coverage
2
0
nucl_diversity
0.02
0.01
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

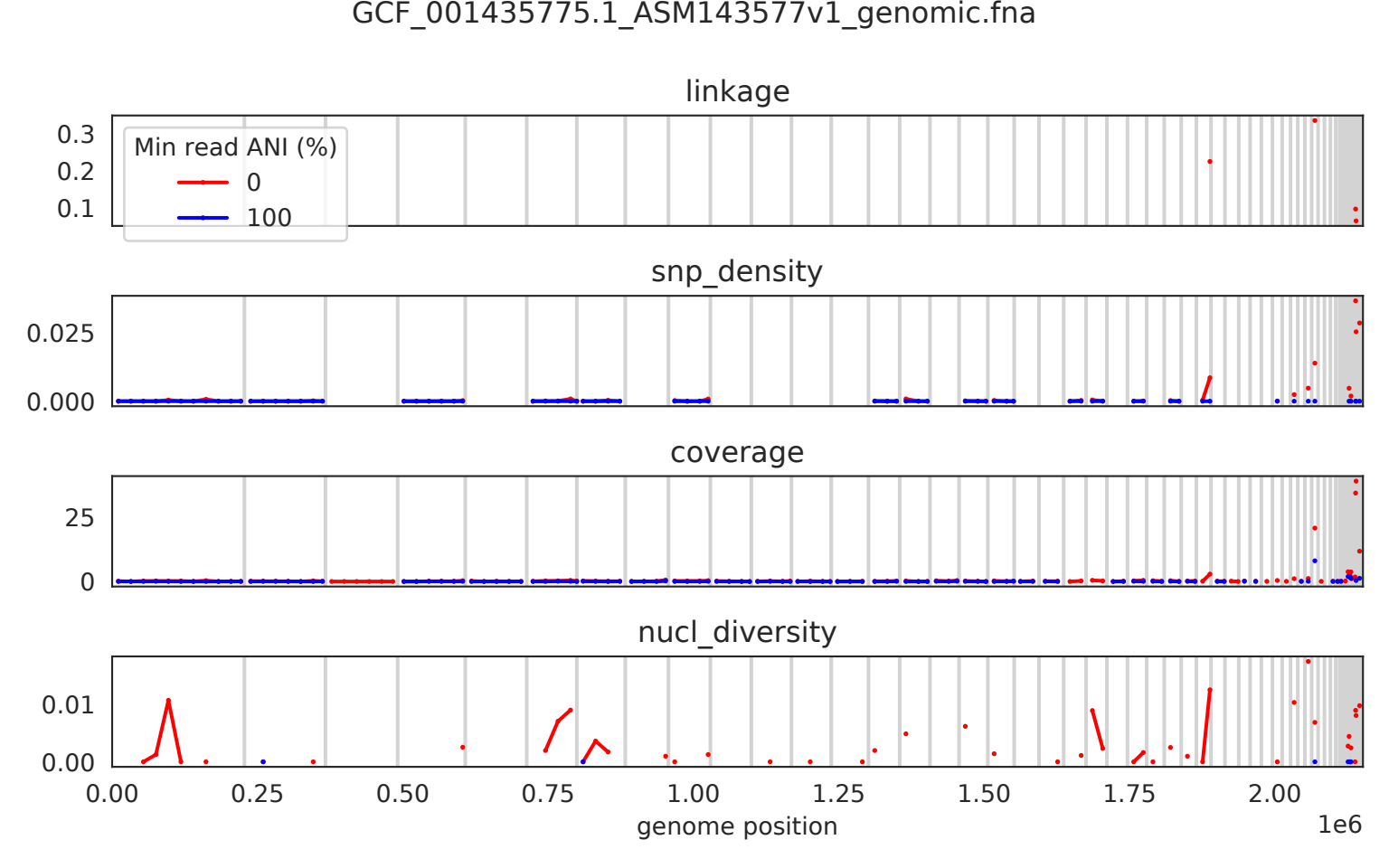

GCF_001435345.1_ASM143534v1_genomic.fna
linkage
Min read ANI (%)
0
100
0.5
0.0
snp_density
0.05
0.00
coverage
50
0
nucl_diversity
0.02
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6

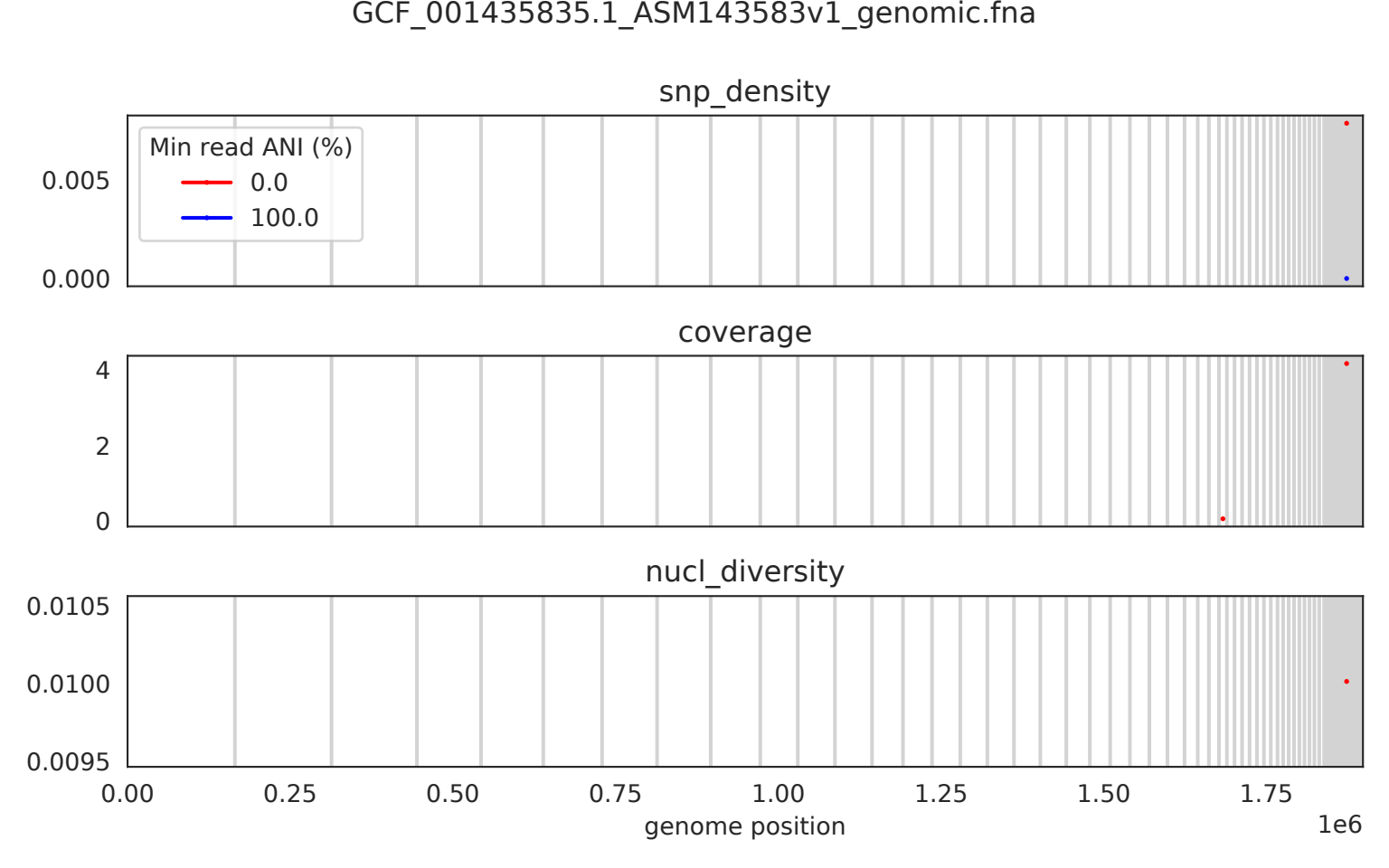

GCF_001435445.1_ASM143544v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
1.0
0.8
0.6
0.4
0.2
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

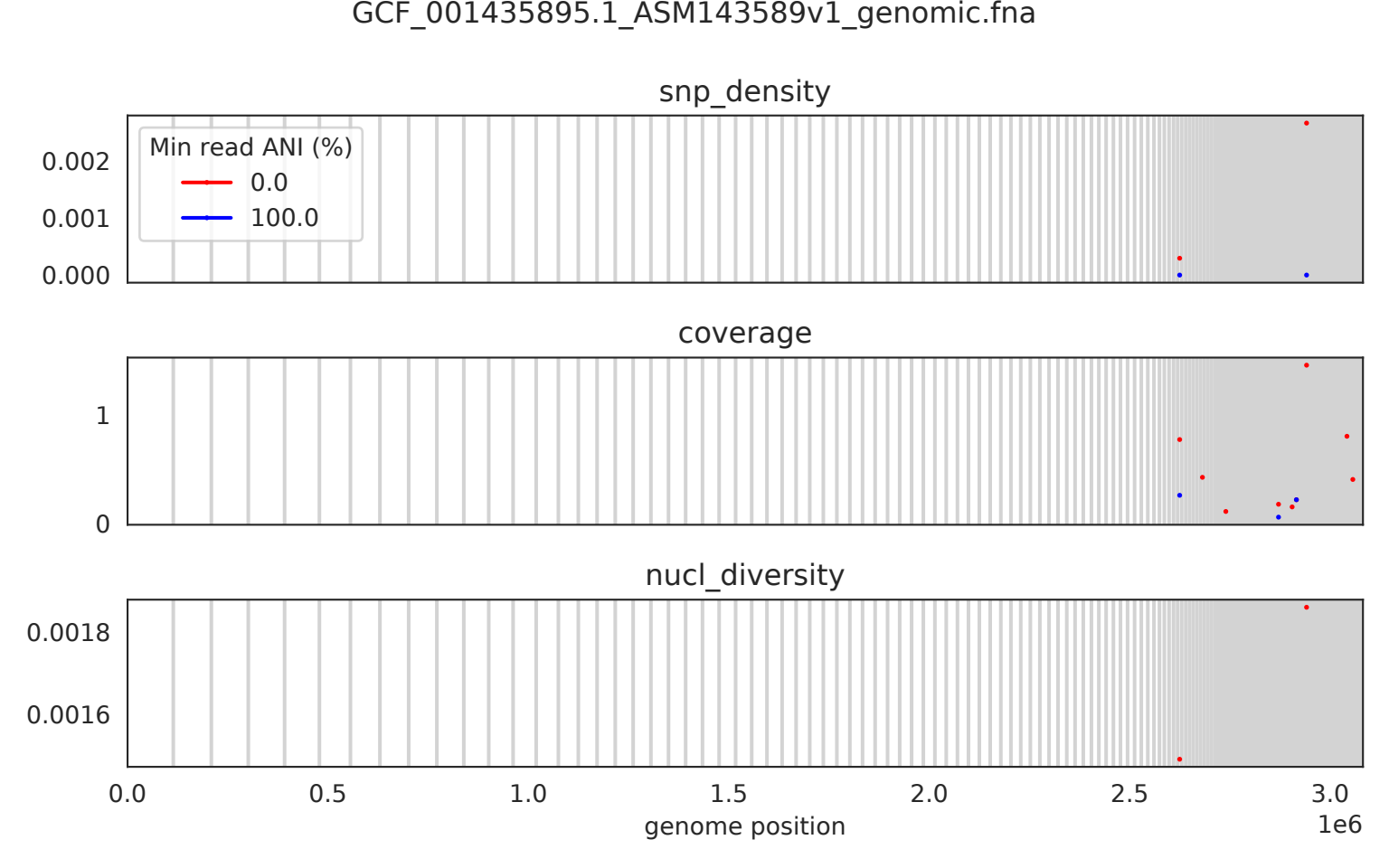

GCF_001435575.1_ASM143557v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.025
0.020
0.015
0.010
0.005
0.000
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

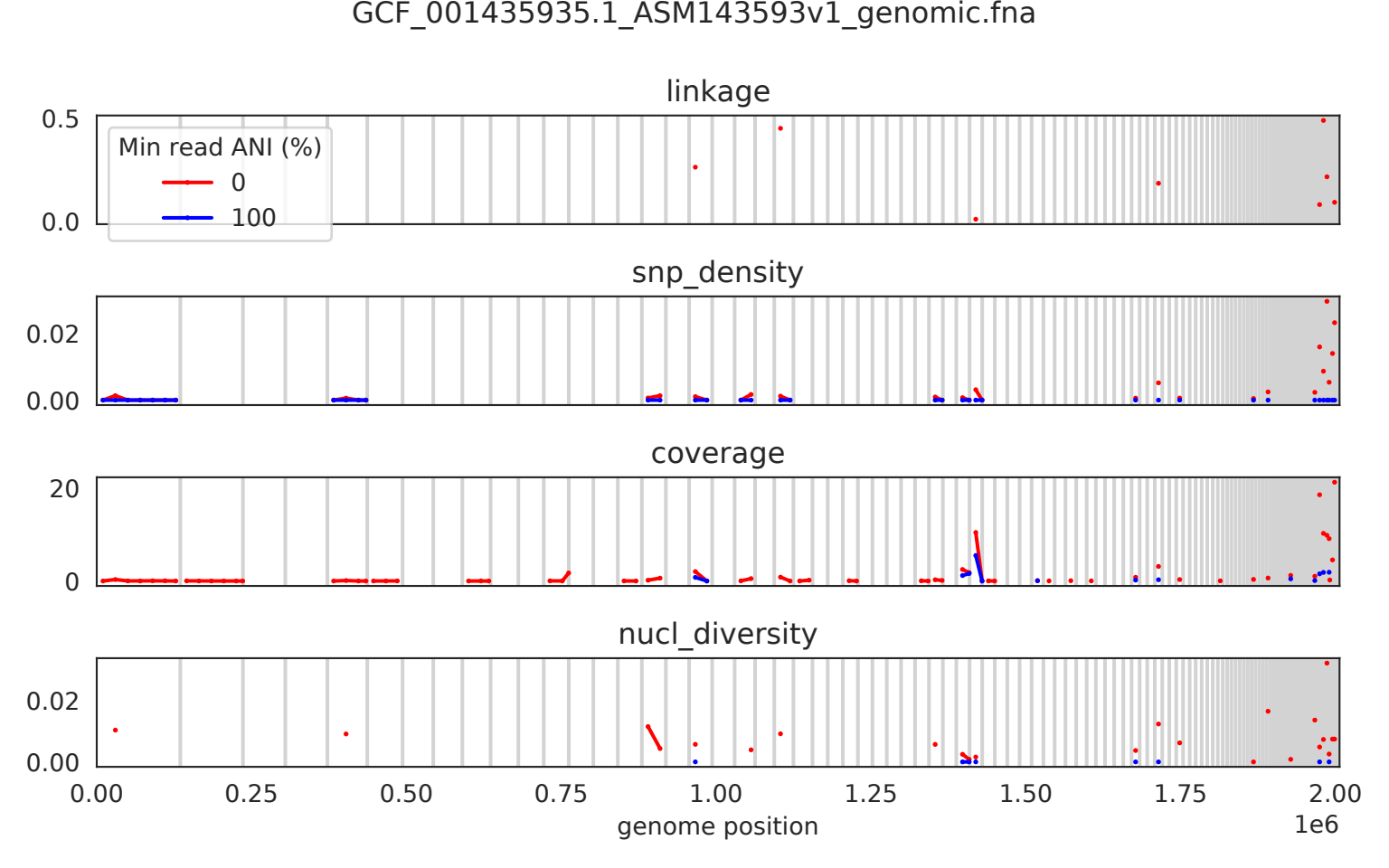

GCF_001435585.1_ASM143558v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.0
0.5
1.0
1.5
2.0
2.5
3.0
genome position
1e6

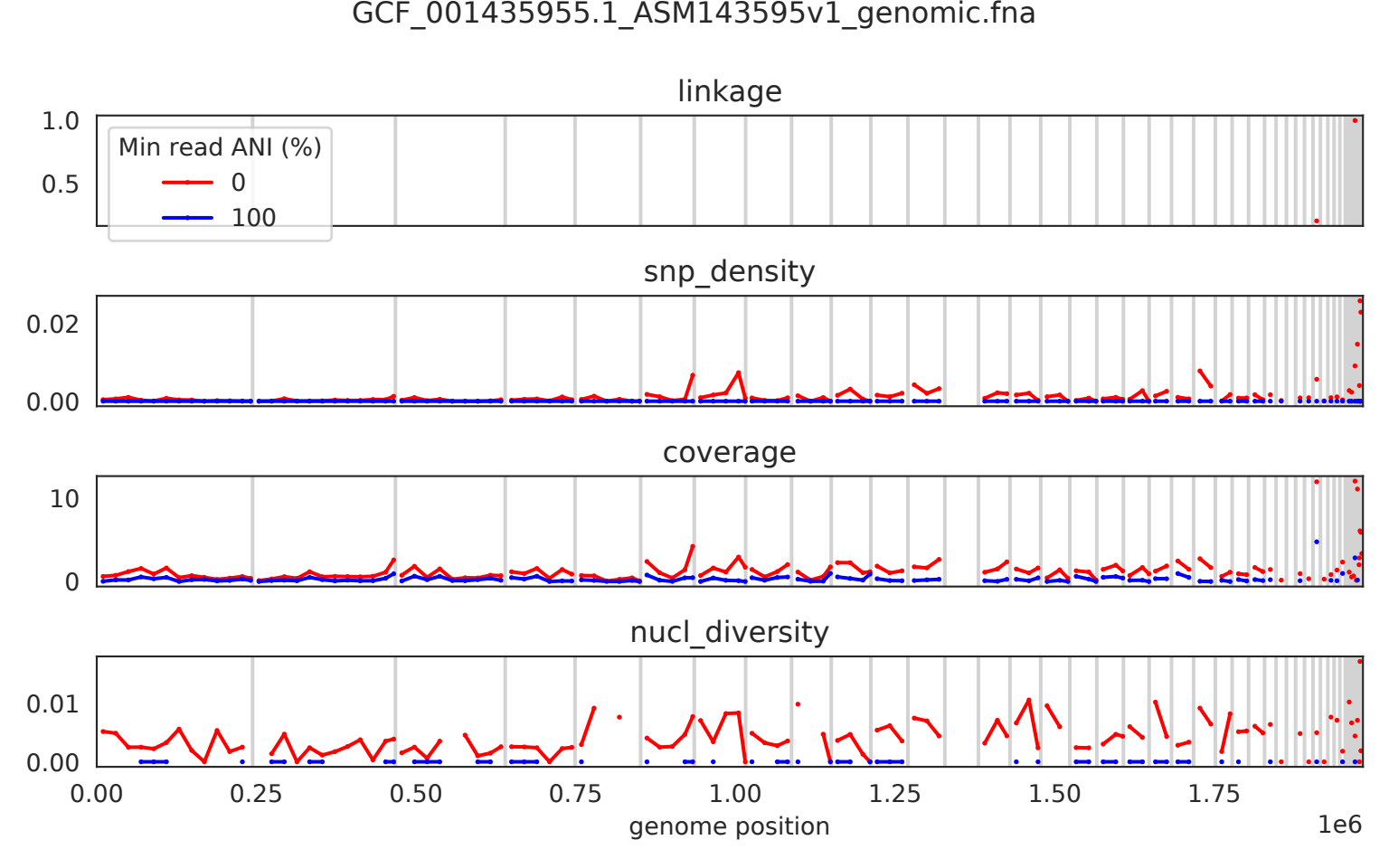

GCF_001435755.1_ASM143575v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.002
0.000
coverage
2
1
0
nucl_diversity
0.0060
0.0055
0.0
0.5
1.0
1.5
2.0
genome position
1e6

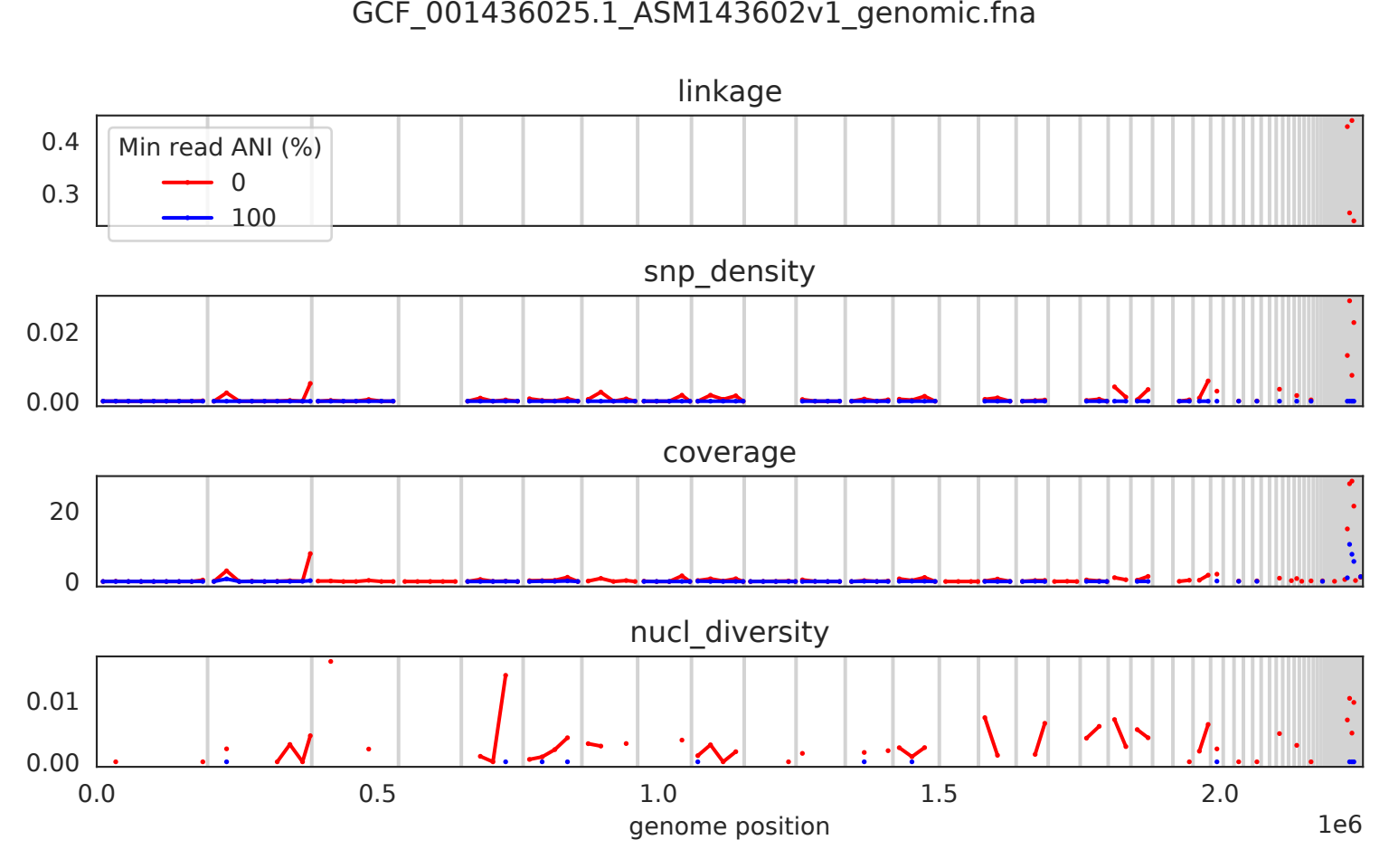

GCF_001435775.1_ASM143577v1_genomic.fna
linkage
Min read ANI (%)
0
100
0.3
0.2
0.1
snp_density
0.025
0.000
coverage
25
0
nucl_diversity
0.01
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

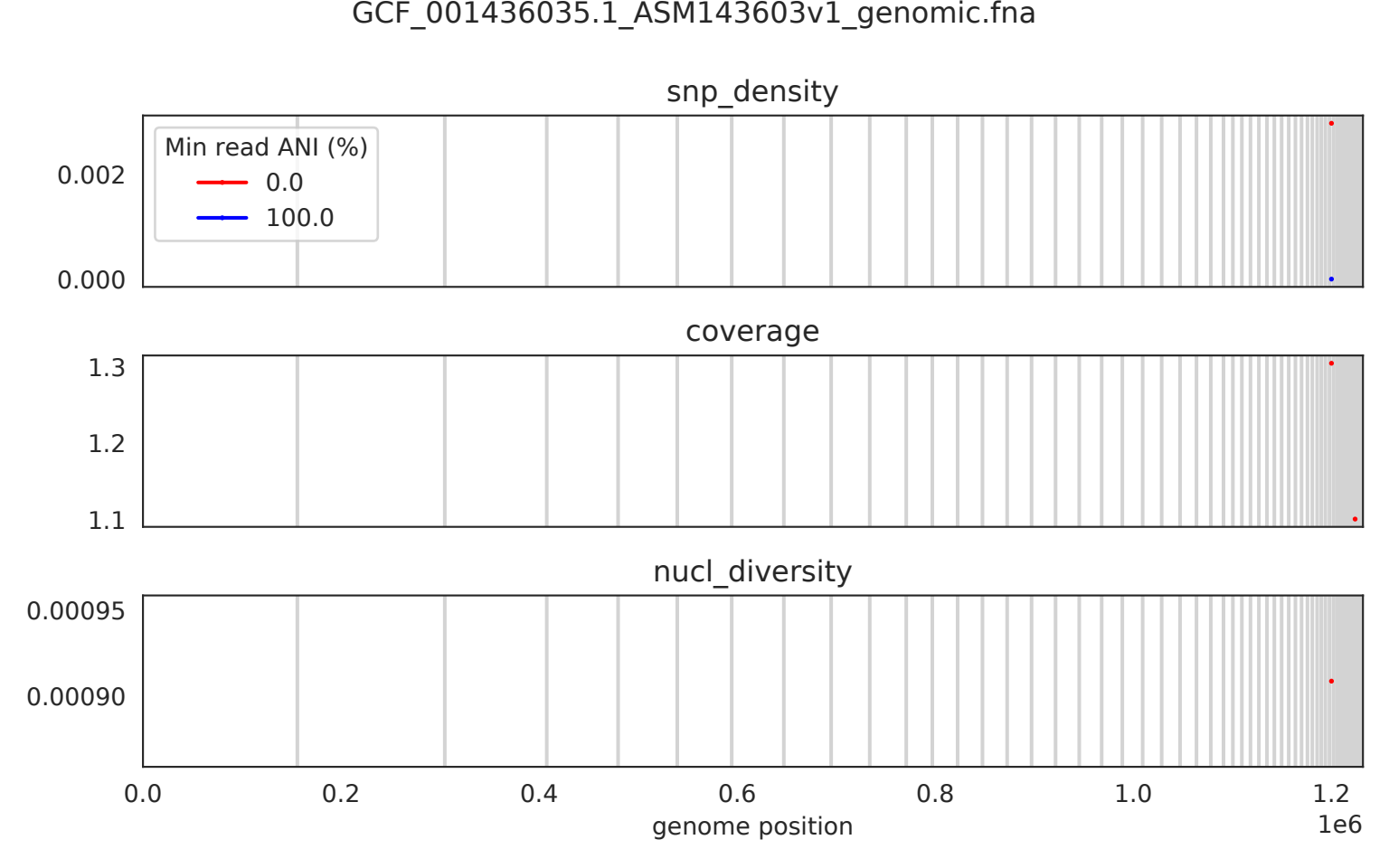

GCF_001435835.1_ASM143583v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.005
0.000
coverage
4
2
0
nucl_diversity
0.0105
0.0100
0.0095
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

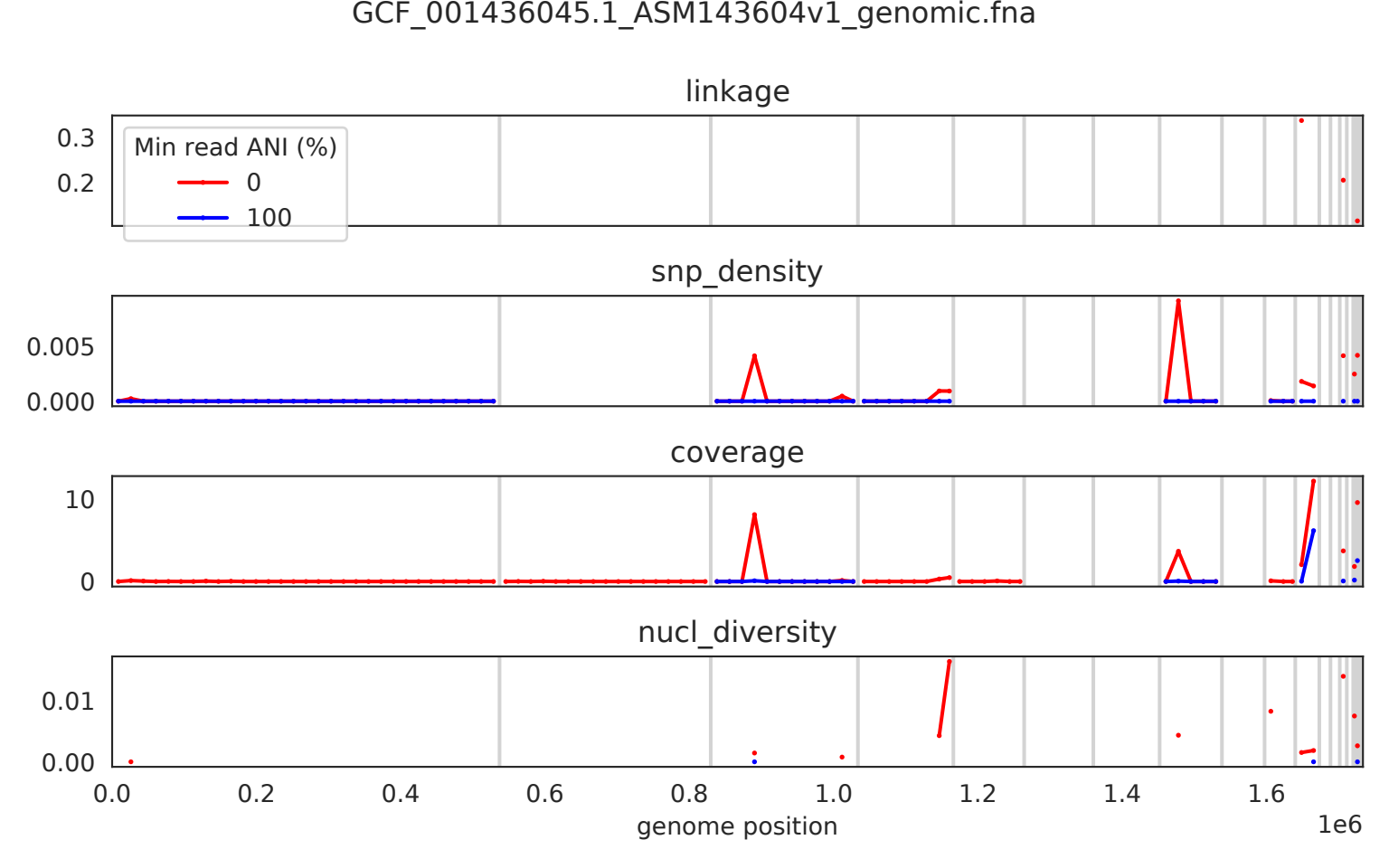

GCF_001435895.1_ASM143589v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.002
0.001
0.000
coverage
1
0
nucl_diversity
0.0018
0.0016
0.0
0.5
1.0
1.5
2.0
2.5
3.0
genome position
1e6

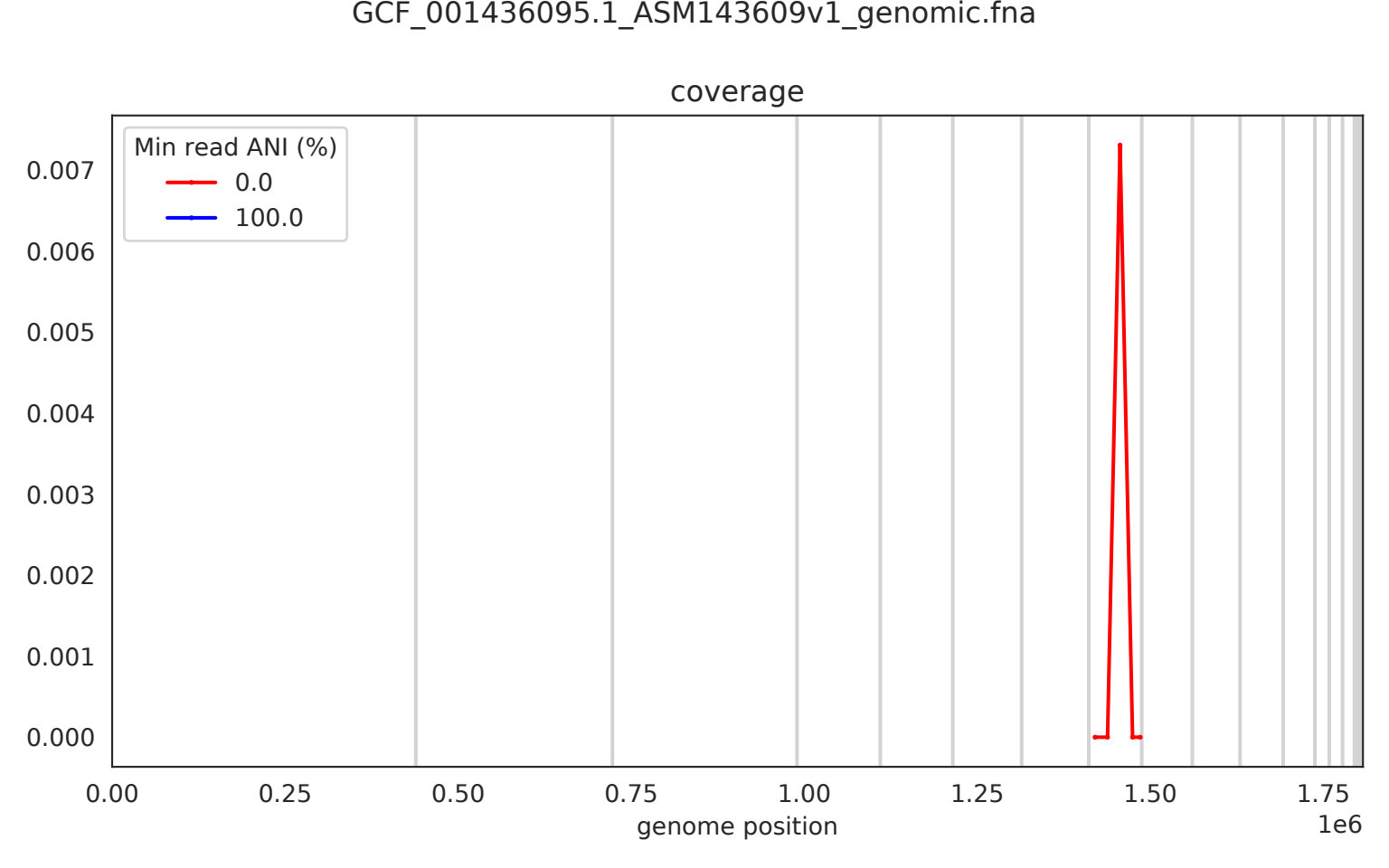

GCF_001435935.1_ASM143593v1_genomic.fna
linkage
Min read ANI (%)
0
100
0.5
0.0
snp_density
0.02
0.00
coverage
20
0
nucl_diversity
0.02
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

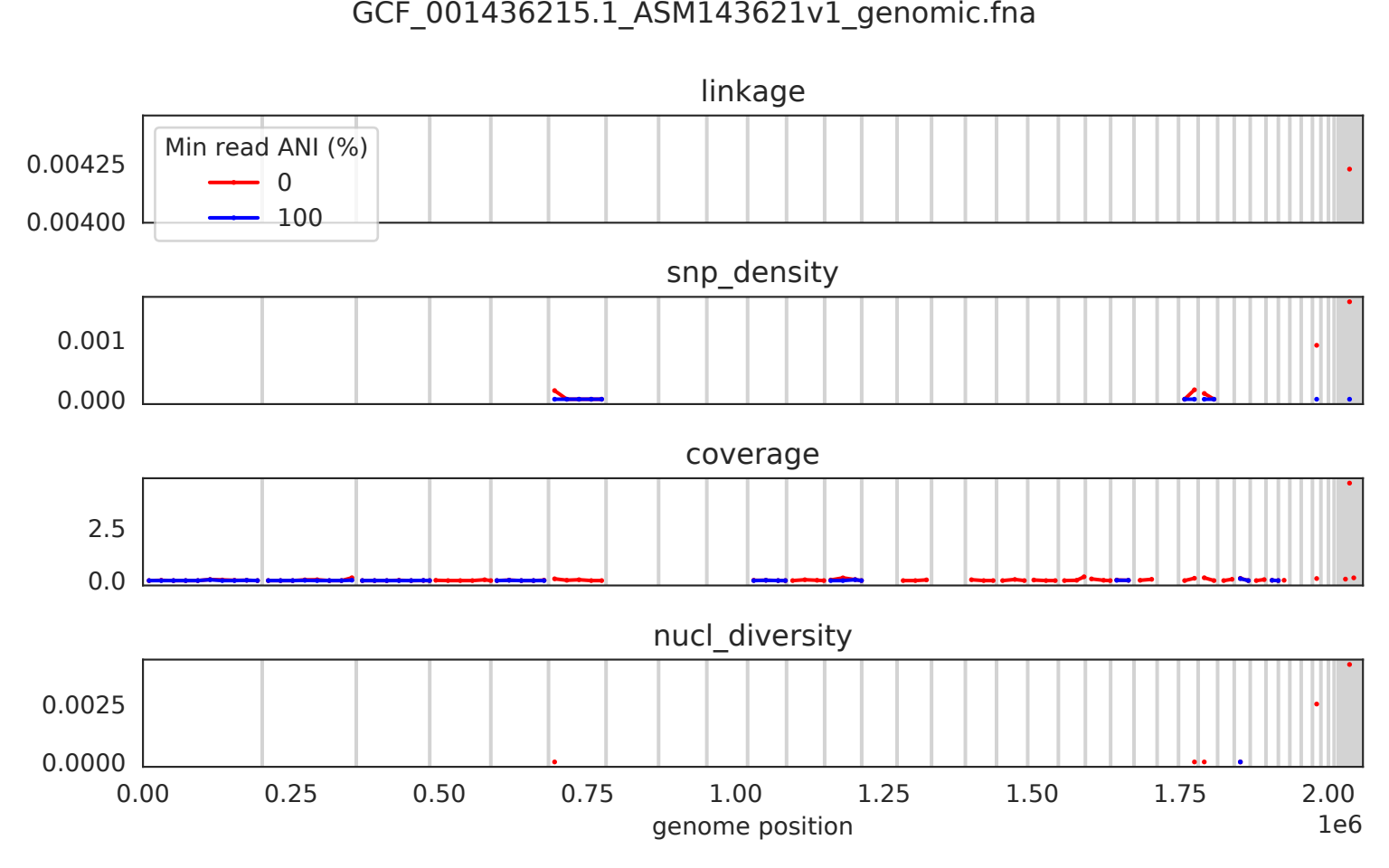

GCF_001435955.1_ASM143595v1_genomic.fna
linkage
1.0
0.5
Min read ANI (%)
0
100
snp_density
0.02
0.00
coverage
10
0
nucl_diversity
0.01
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

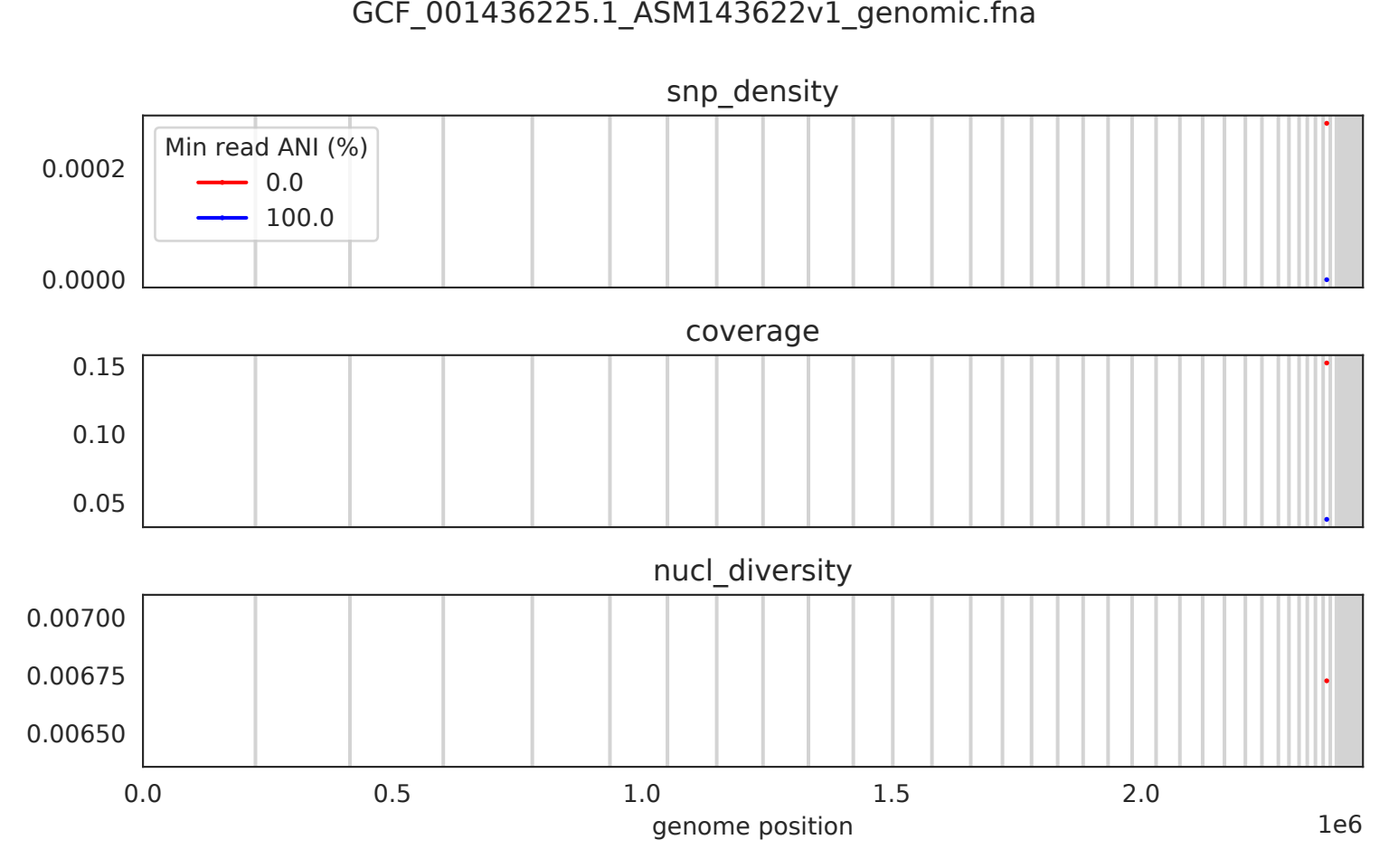

GCF_001436025.1_ASM143602v1_genomic.fna
linkage
Min read ANI (%)
0
100
0.4
0.3
snp_density
0.02
0.00
coverage
20
0
nucl_diversity
0.01
0.00
0.0
0.5
1.0
1.5
2.0
genome position
1e6

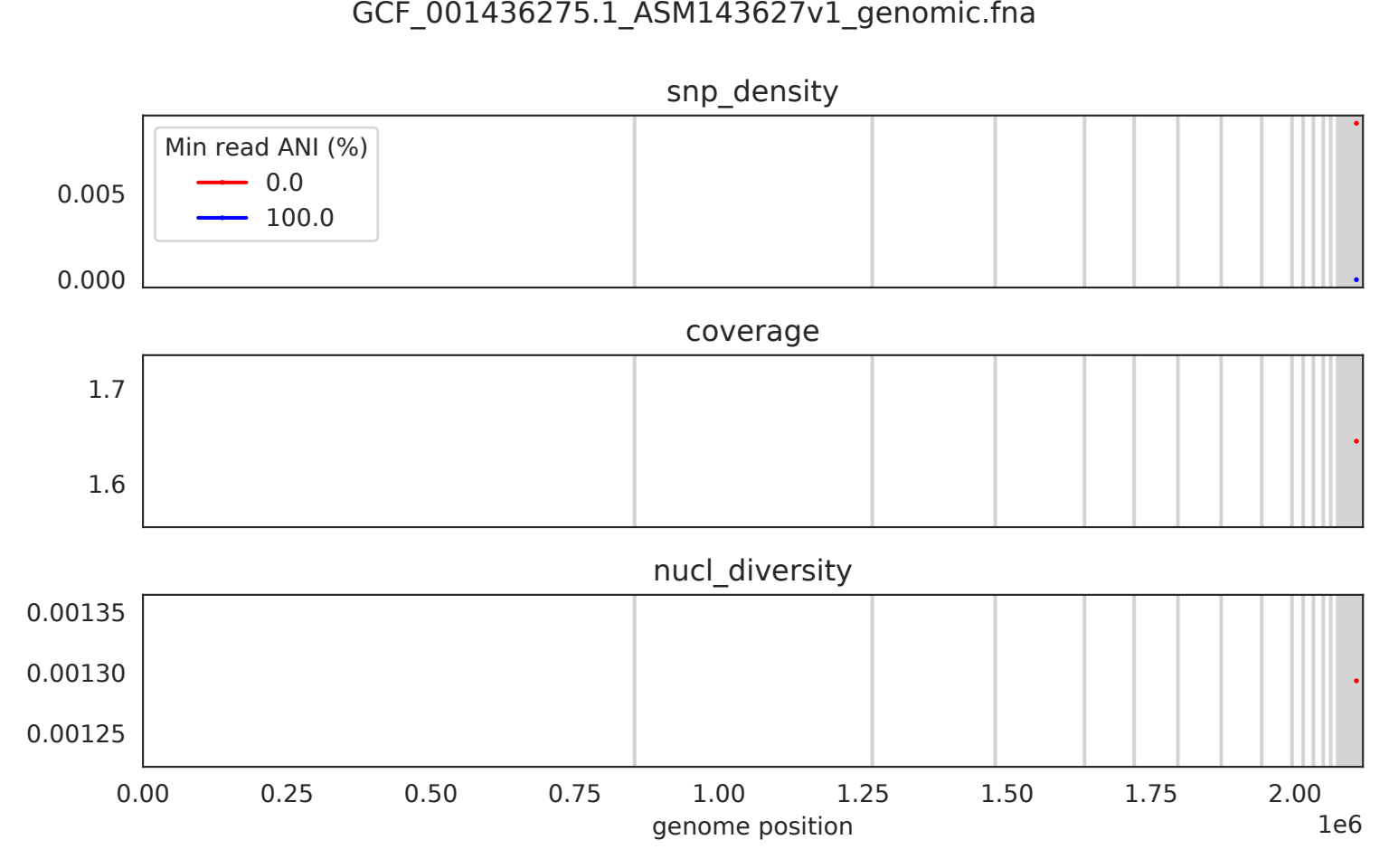

GCF_001436035.1_ASM143603v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.002
0.000
coverage
1.3
1.2
1.1
nucl_diversity
0.00095
0.00090
0.0
0.2
0.4
0.6
0.8
1.0
1.2
genome position
1e6

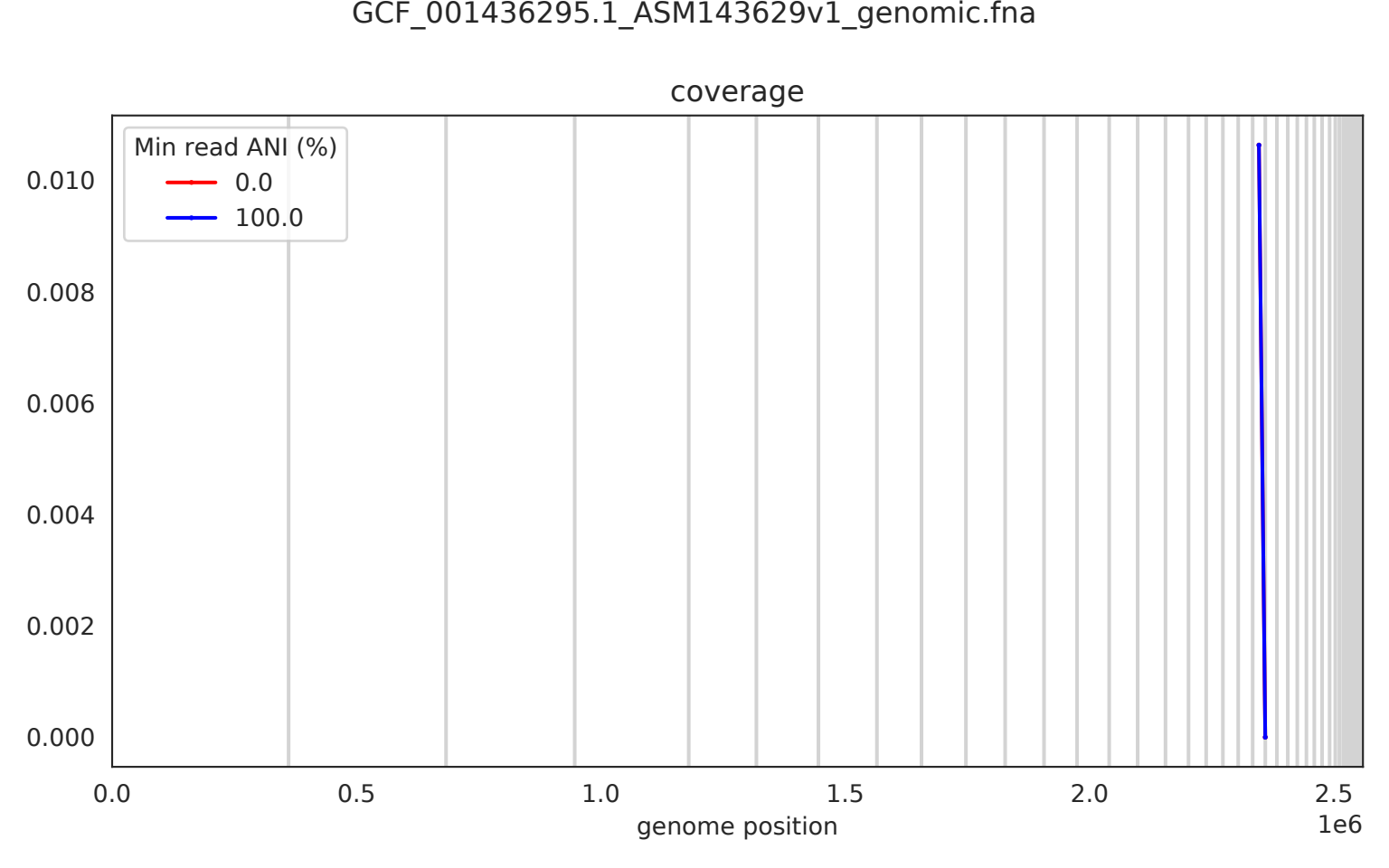

GCF_001436045.1_ASM143604v1_genomic.fna
linkage
Min read ANI (%)
0
100
0.3
0.2
snp_density
0.005
0.000
coverage
10
0
nucl_diversity
0.01
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6

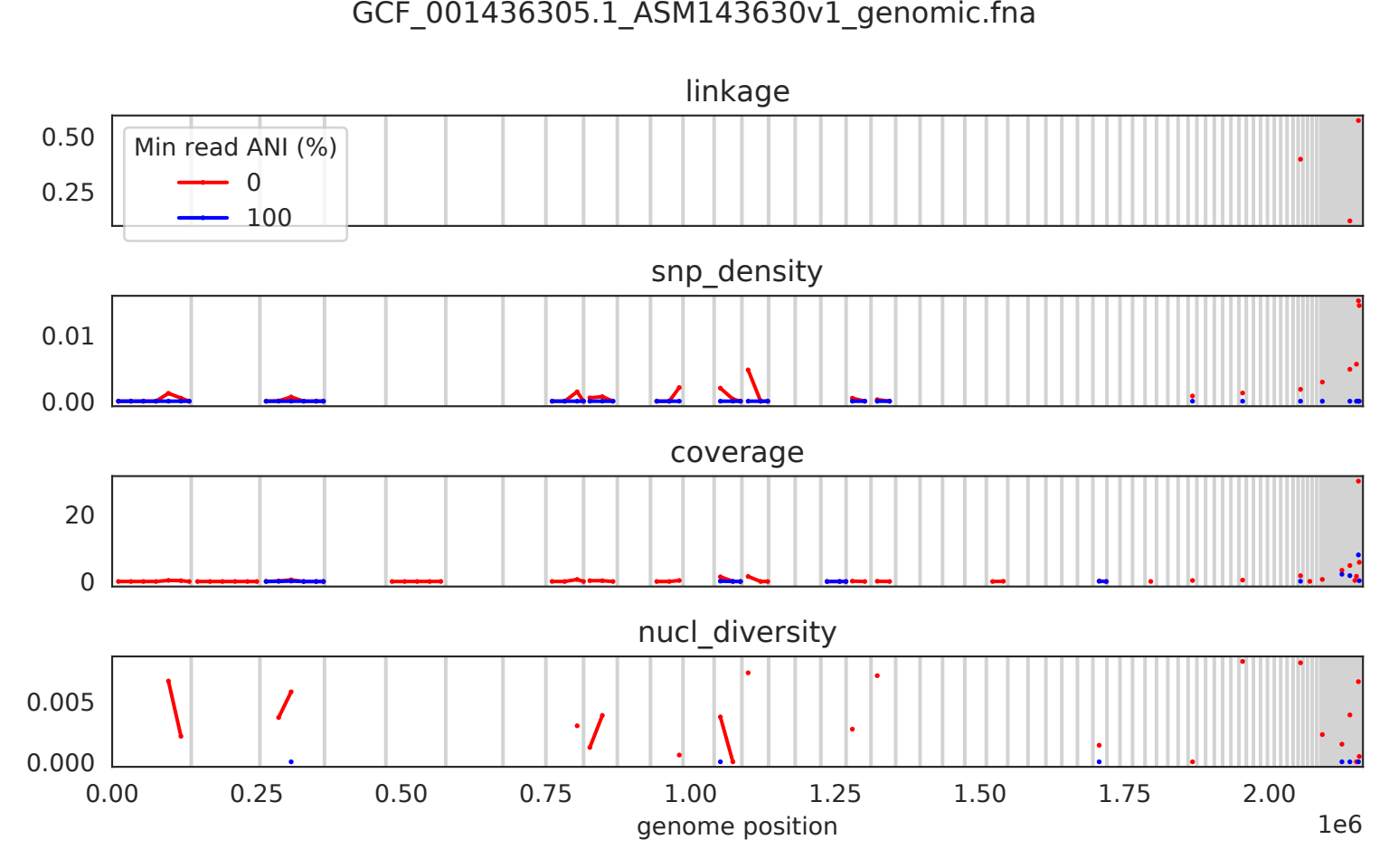

GCF_001436095.1_ASM143609v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0.000
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

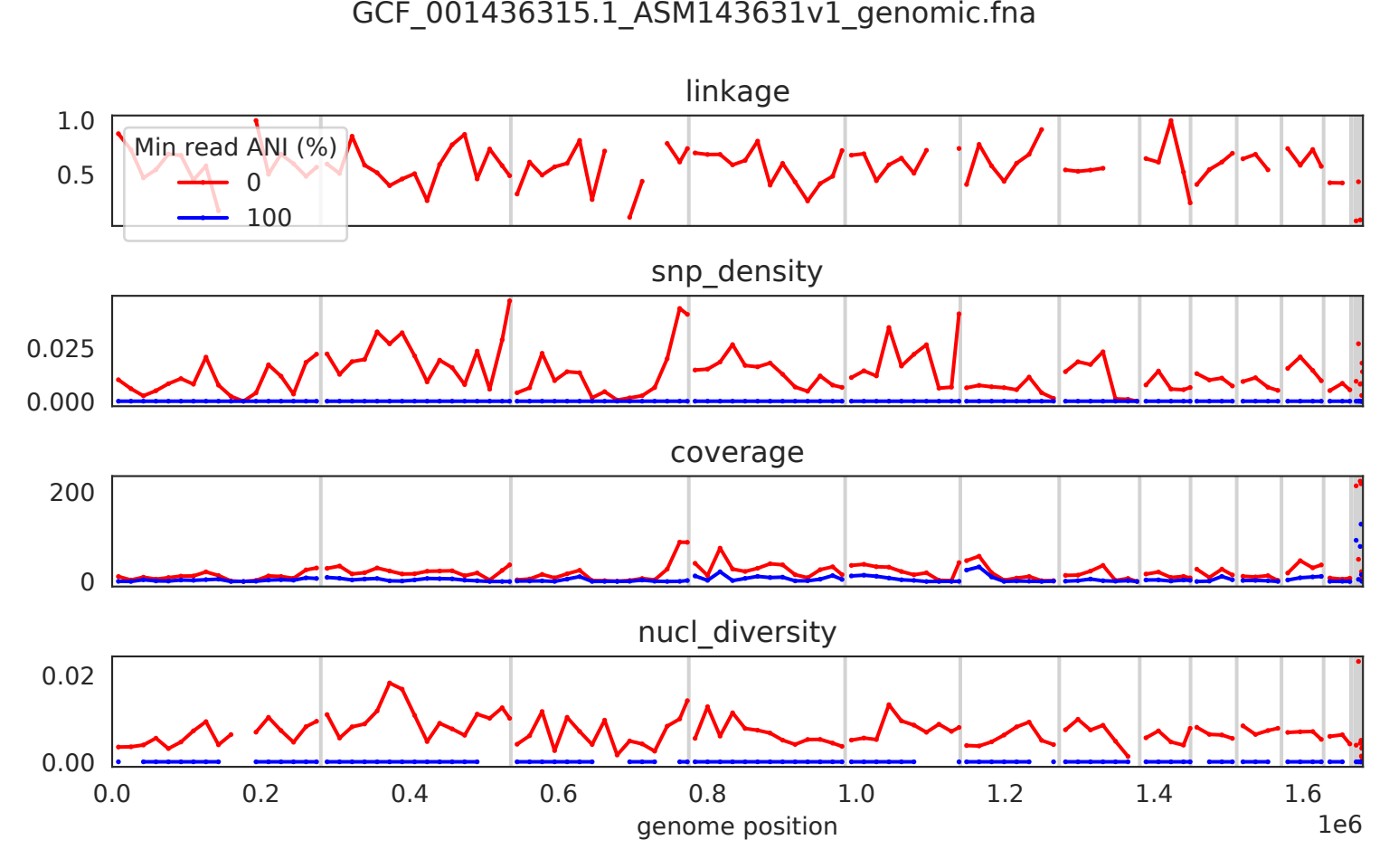

GCF_001436215.1_ASM143621v1_genomic.fna
linkage
Min read ANI (%)
0
100
0.00425
0.00400
snp_density
0.001
0.000
coverage
2.5
0.0
nucl_diversity
0.0025
0.0000
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

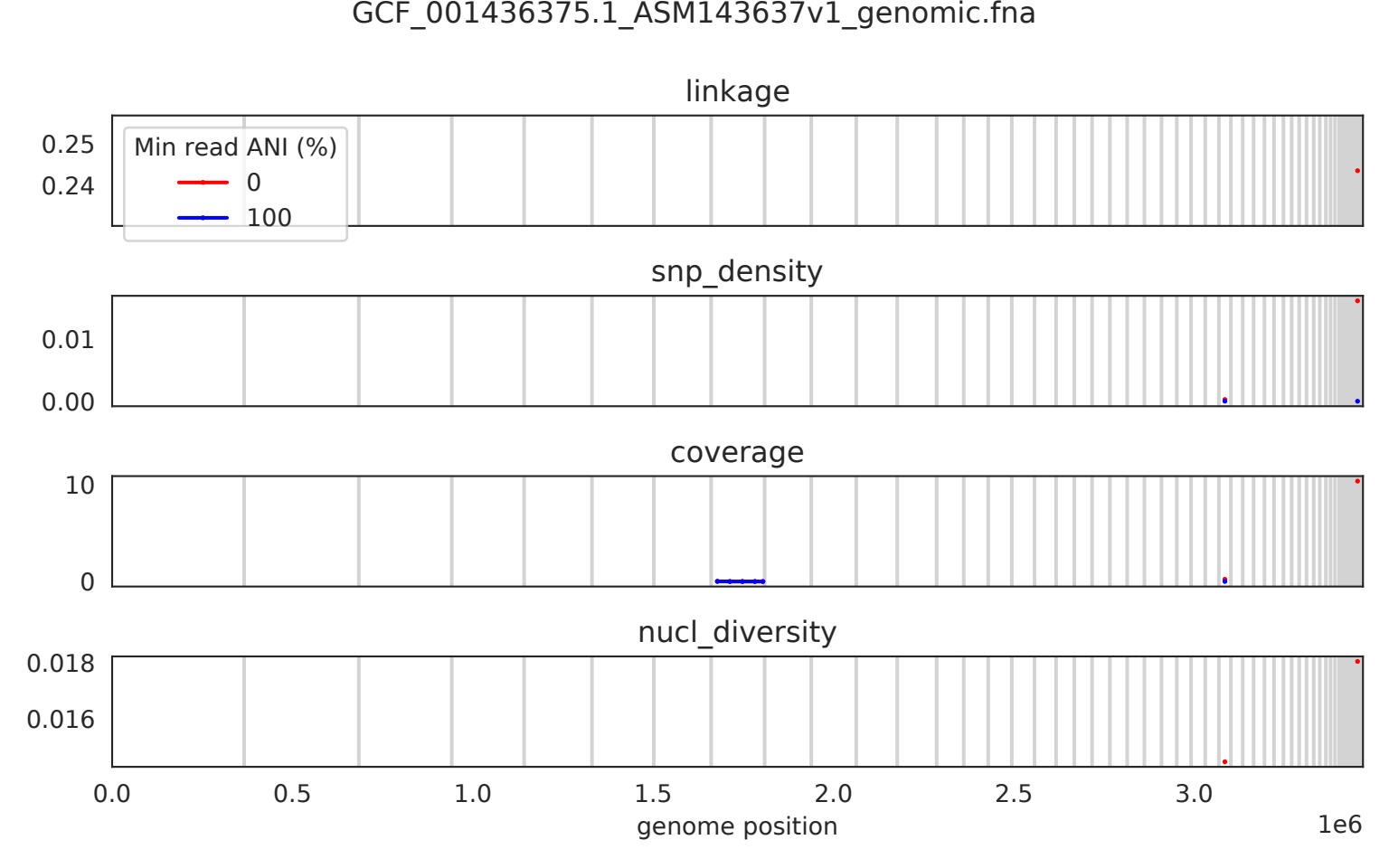

GCF_001436225.1_ASM143622v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0002
0.0000
coverage
0.15
0.10
0.05
nucl_diversity
0.00700
0.00675
0.00650
0.0
0.5
1.0
1.5
2.0
genome position
1e6

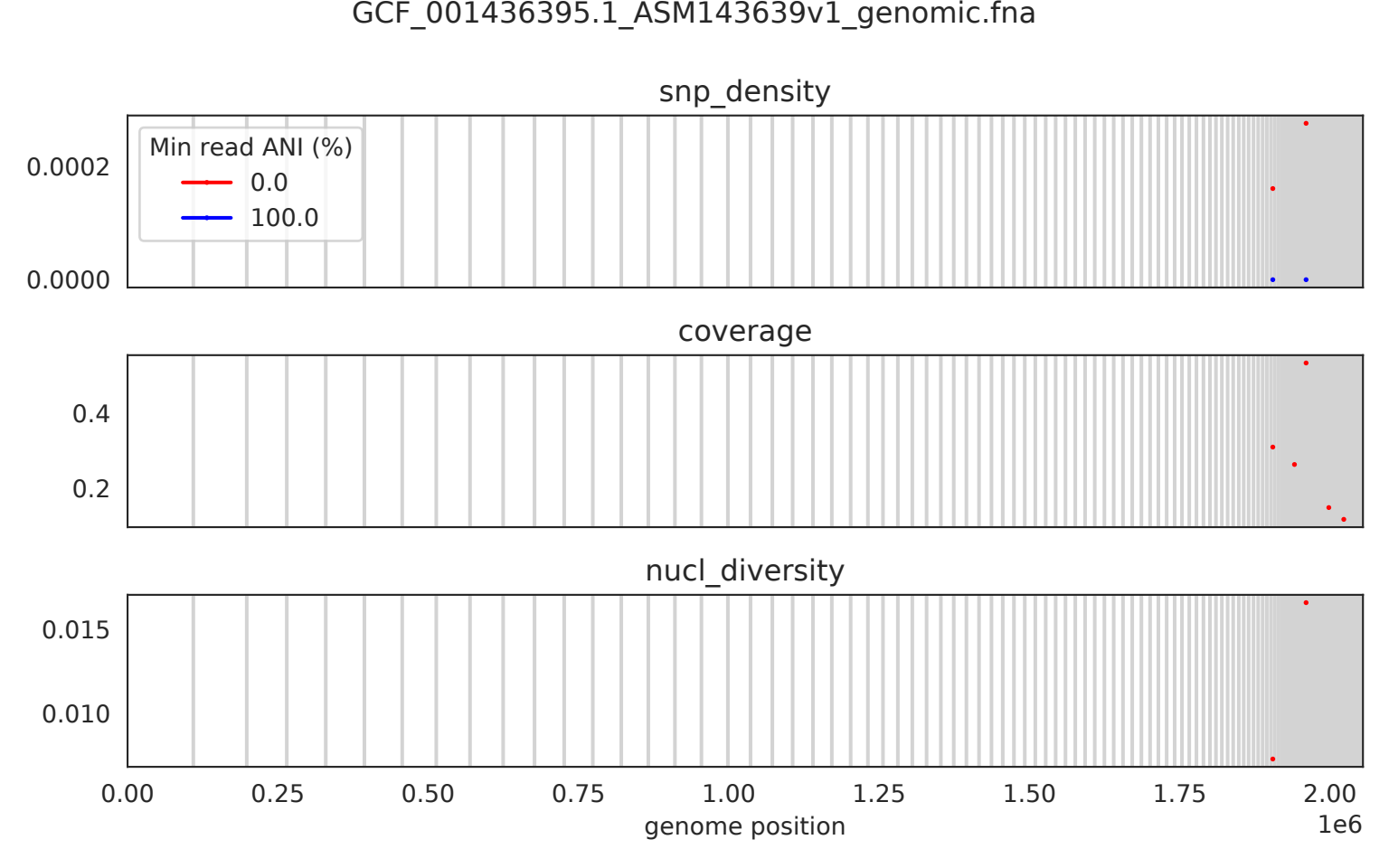

GCF_001436275.1_ASM143627v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.005
0.000
coverage
1.7
1.6
nucl_diversity
0.00135
0.00130
0.00125
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

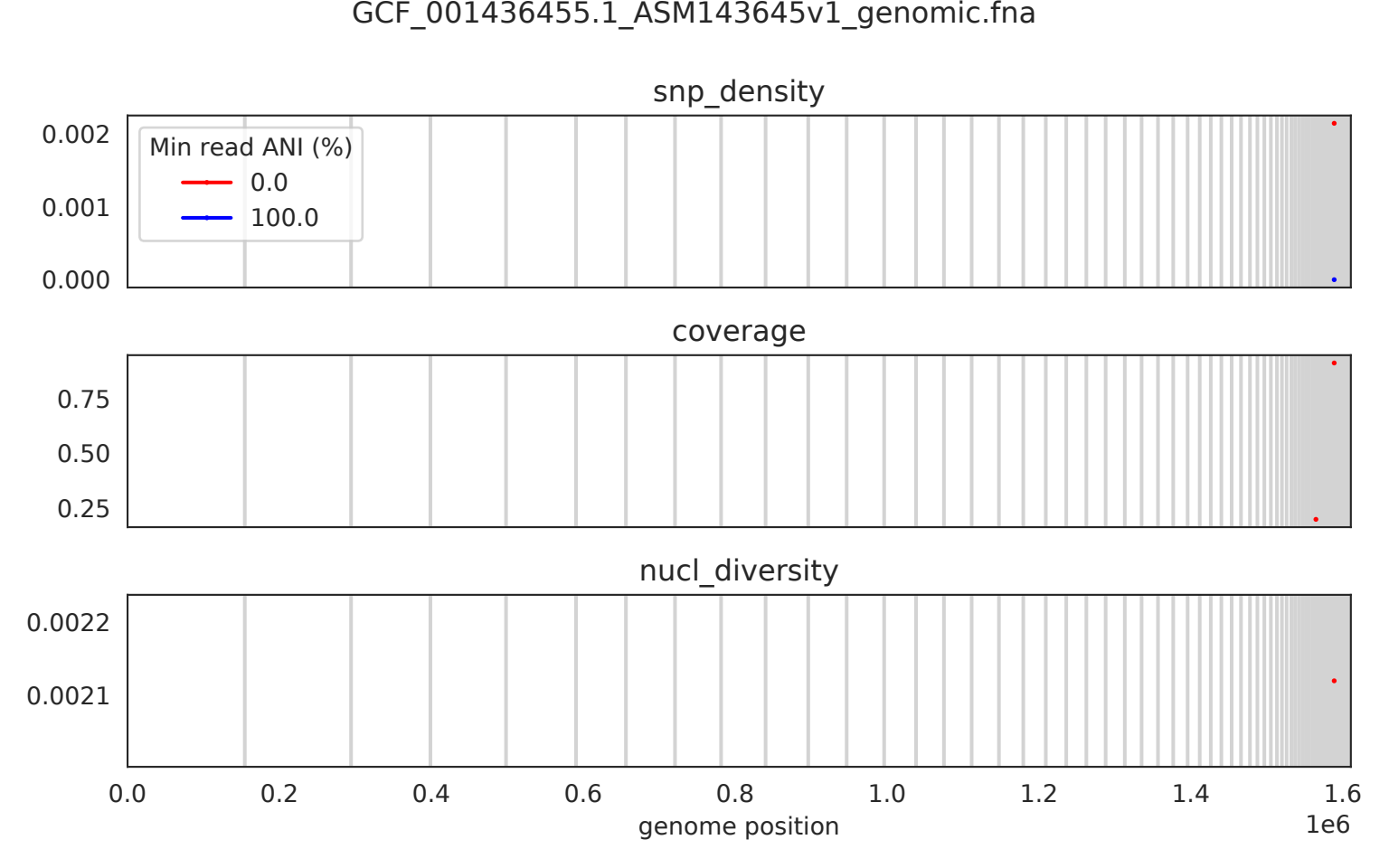

GCF_001436295.1_ASM143629v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.010
0.008
0.006
0.004
0.002
0.000
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

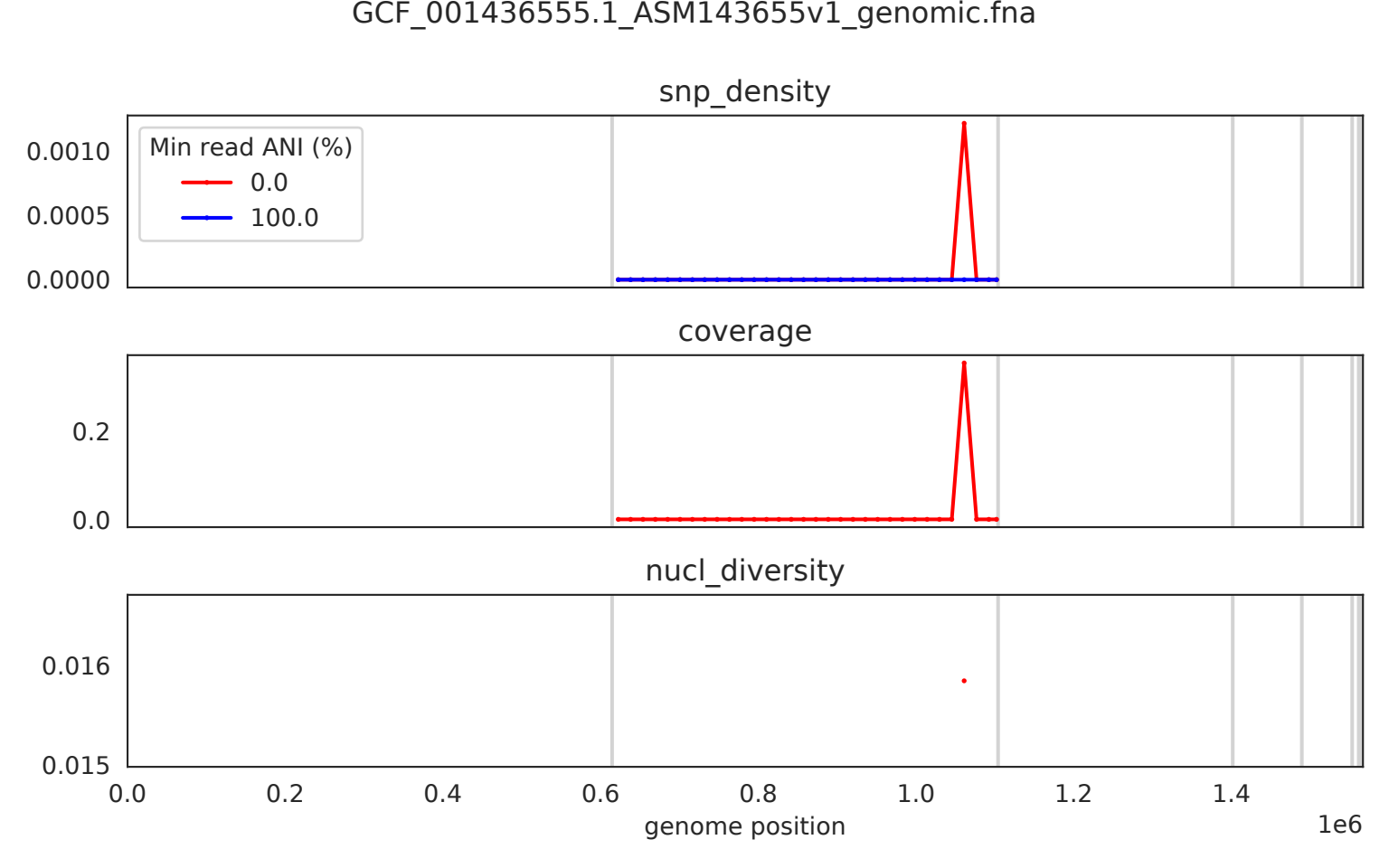

GCF_001436305.1_ASM143630v1_genomic.fna
linkage
Min read ANI (%)
0
100
0.50
0.25
snp_density
0.01
0.00
coverage
20
0
nucl_diversity
0.005
0.000
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

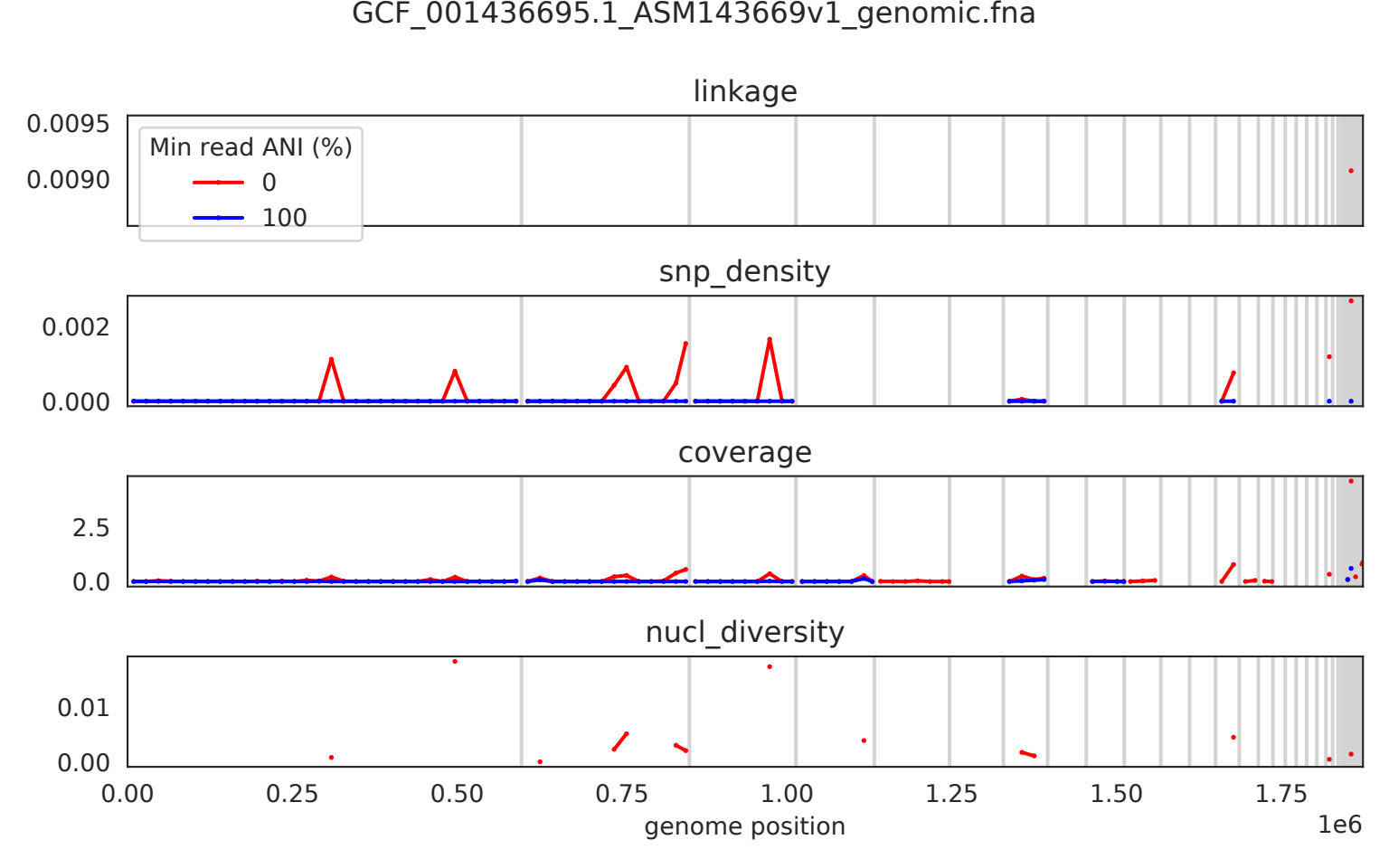

GCF_001436315.1_ASM143631v1_genomic.fna
linkage
1.0
0.5
Min read ANI (%)
0
100
snp_density
0.025
0.000
coverage
200
0
nucl_diversity
0.02
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6

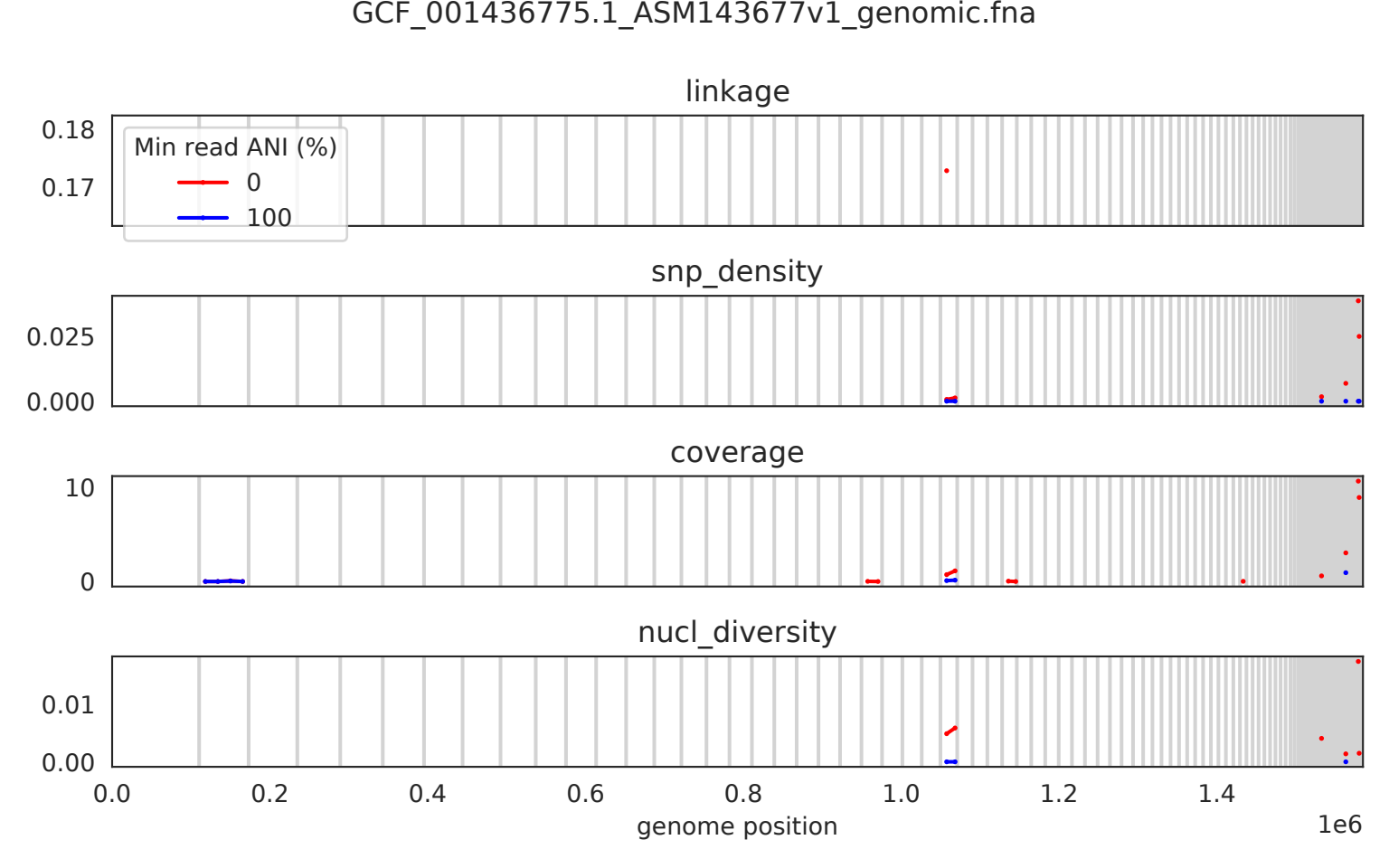

GCF_001436375.1_ASM143637v1_genomic.fna
linkage
Min read ANI (%)
0
100
0.25
0.24
snp_density
0.01
0.00
coverage
10
0
nucl_diversity
0.018
0.016
0.0
0.5
1.0
1.5
2.0
2.5
3.0
genome position
1e6

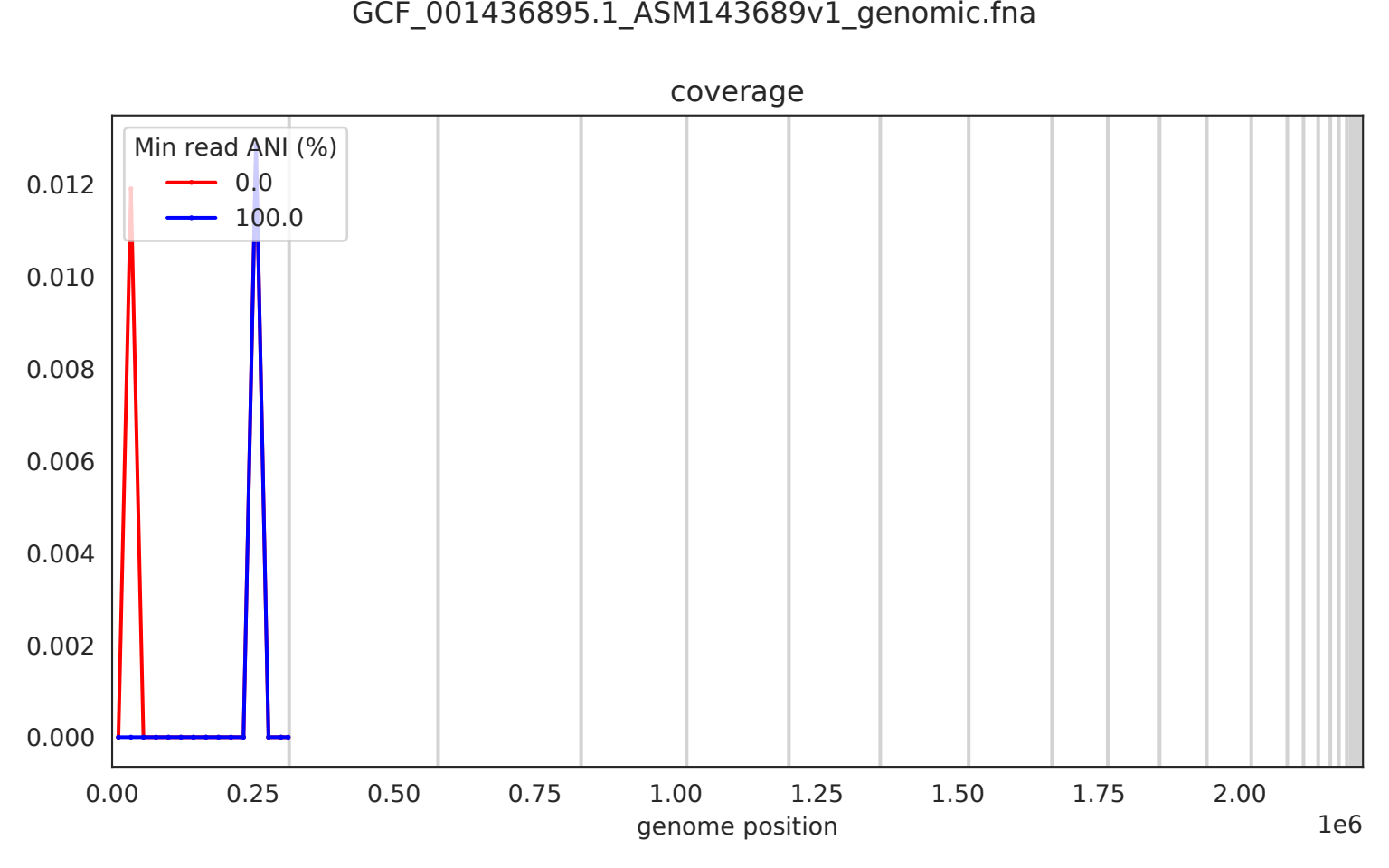

GCF_001436395.1_ASM143639v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0002
0.0000
coverage
0.4
0.2
nucl_diversity
0.015
0.010
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

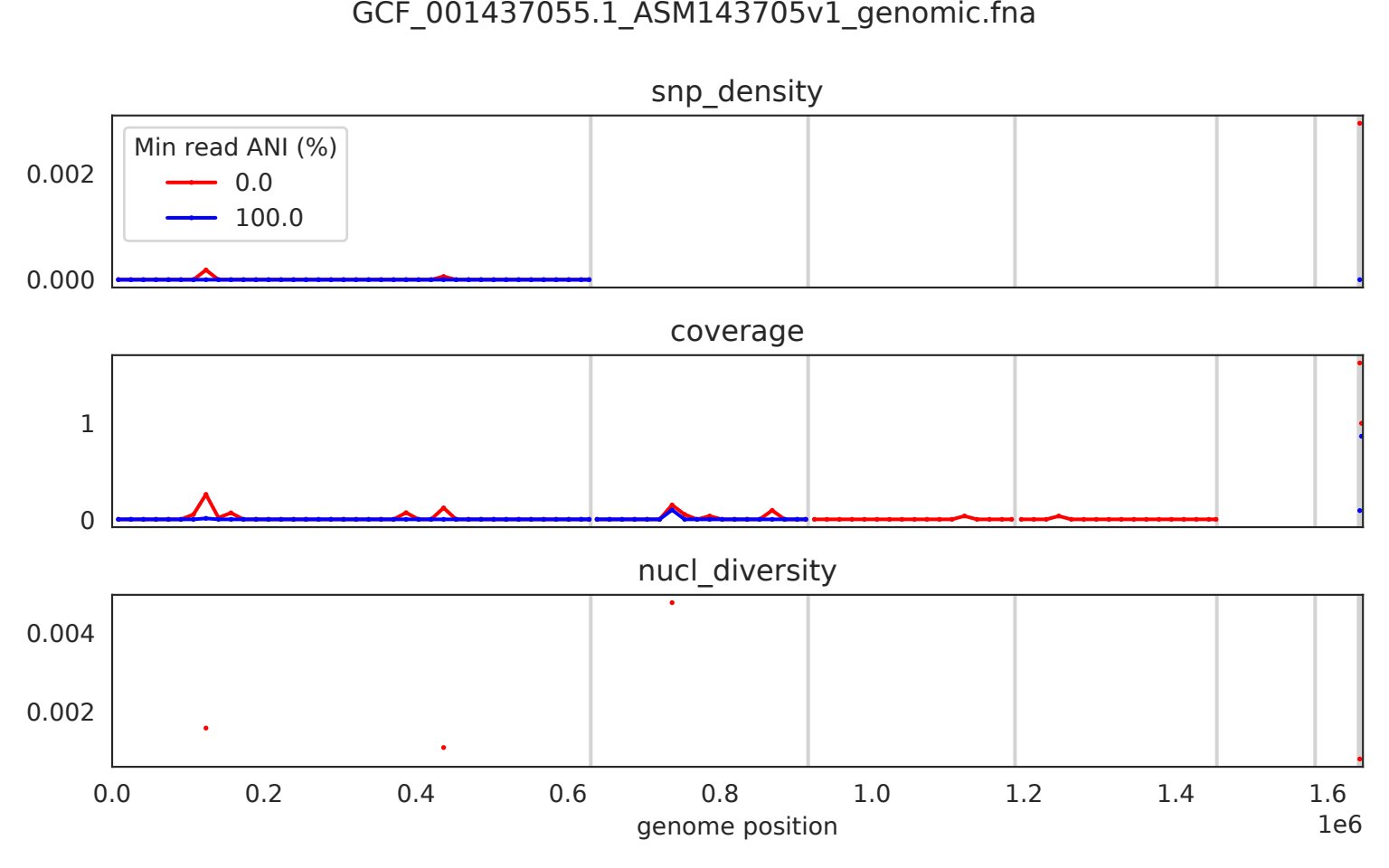

GCF_001436455.1_ASM143645v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.002
0.001
0.000
coverage
0.75
0.50
0.25
nucl_diversity
0.0022
0.0021
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6

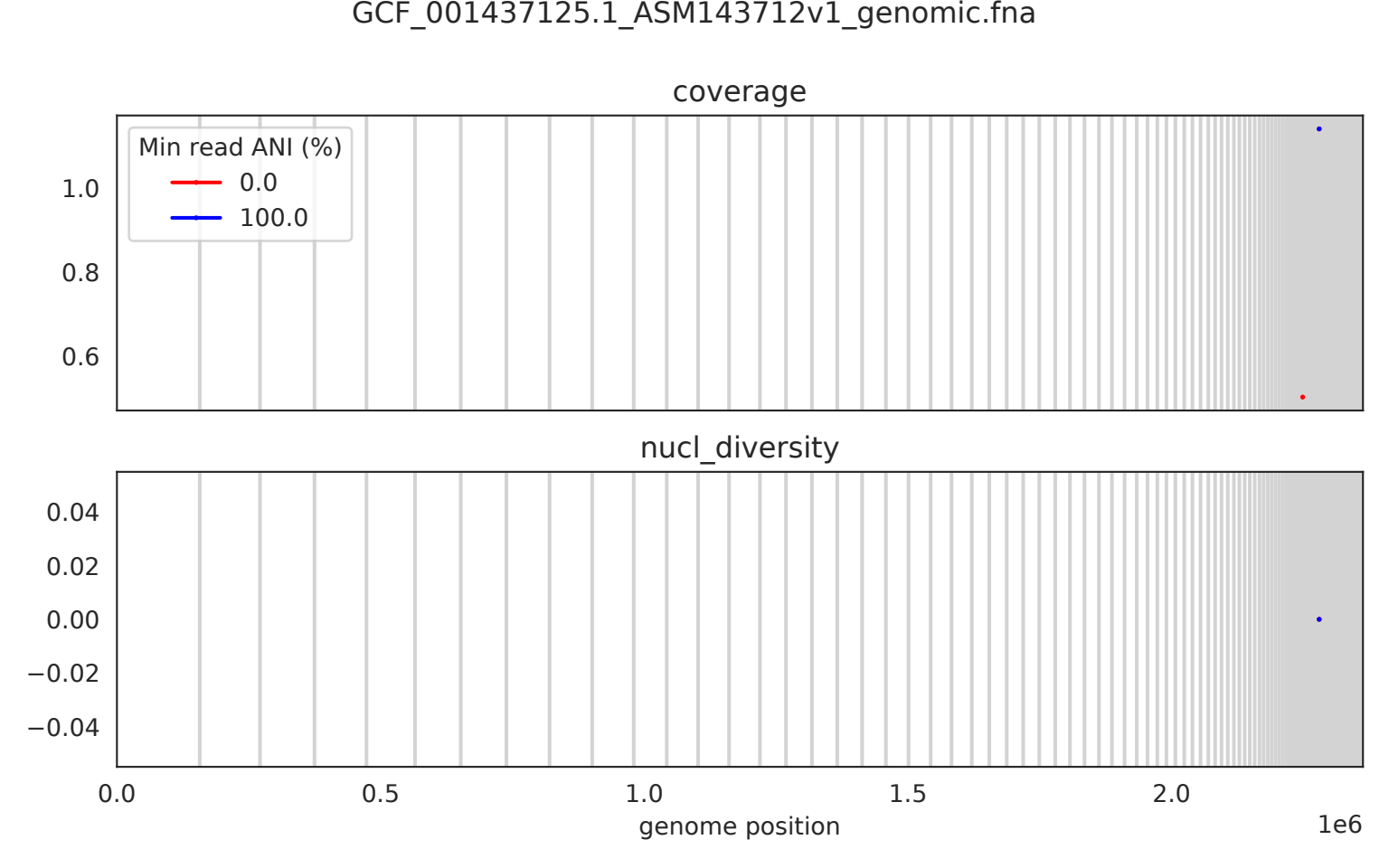

GCF_001436555.1_ASM143655v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0010
0.0005
0.0000
coverage
0.2
0.0
nucl_diversity
0.016
0.015
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
genome position
1e6

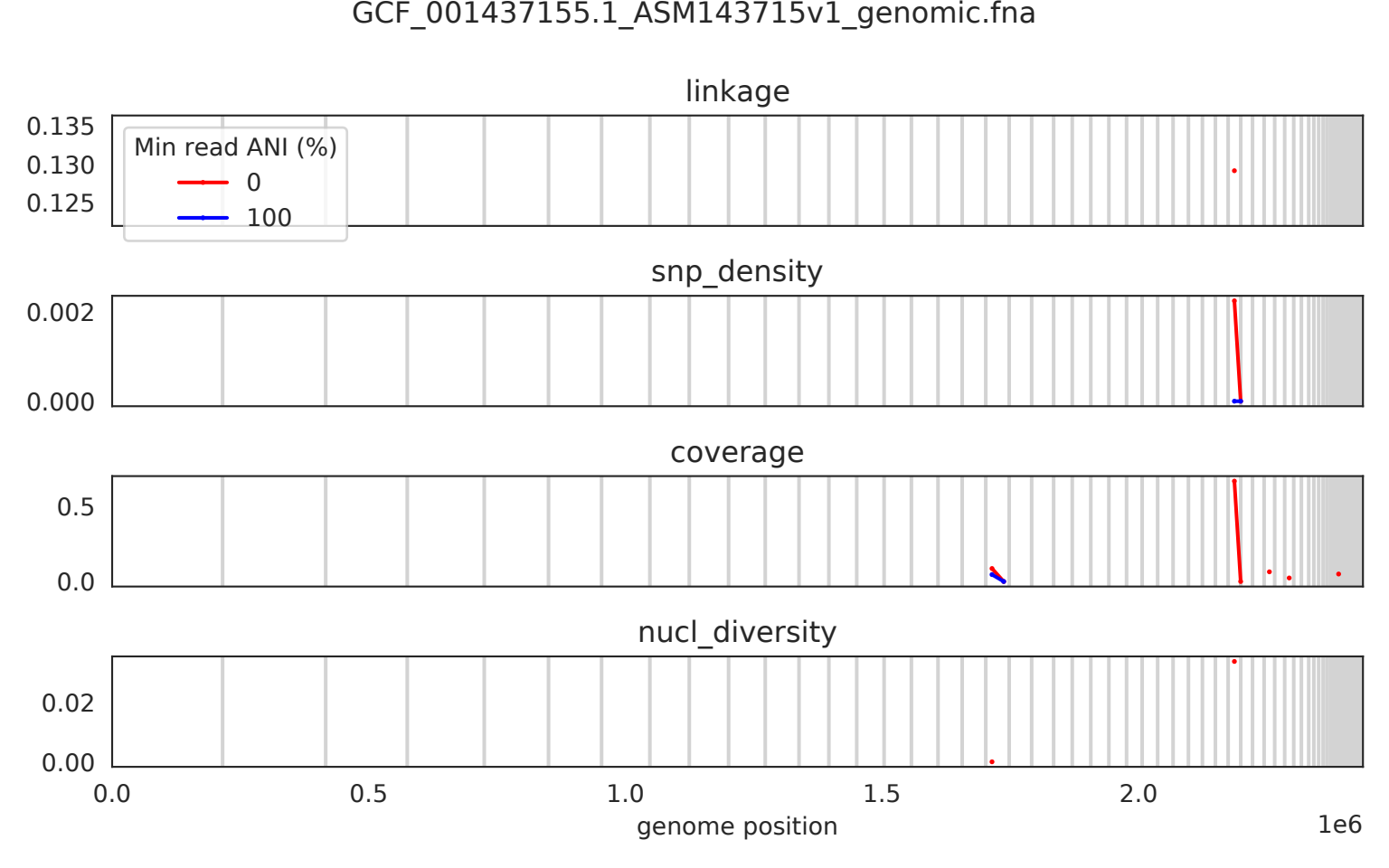

GCF_001436695.1_ASM143669v1_genomic.fna
linkage
0.0095
0.0090
Min read ANI (%)
0
100
snp_density
0.002
0.000
coverage
2.5
0.0
nucl_diversity
0.01
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

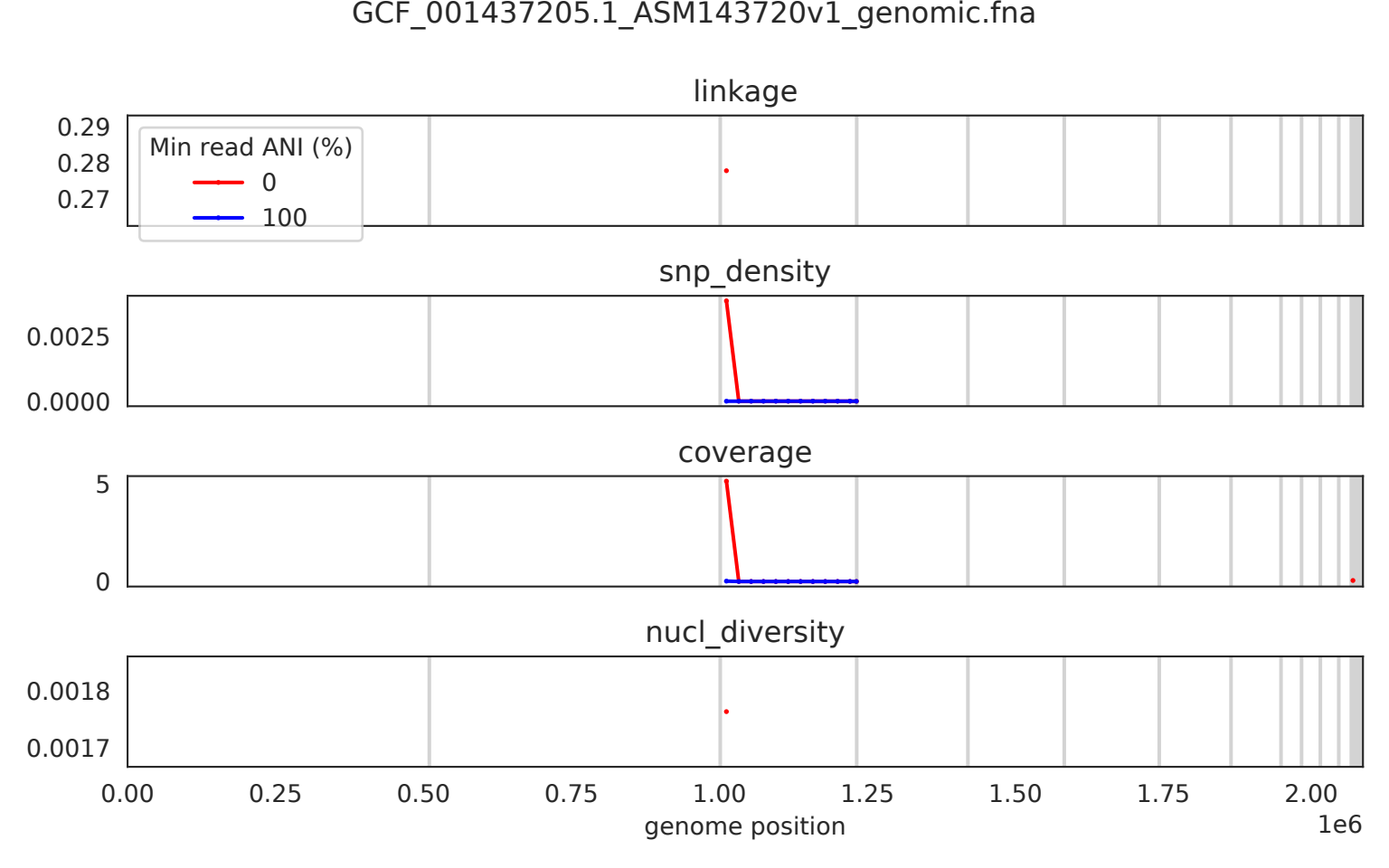

GCF_001436775.1_ASM143677v1_genomic.fna
linkage
0.18
0.17
Min read ANI (%)
0
100
snp_density
0.025
0.000
coverage
10
0
nucl_diversity
0.01
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
genome position
1e6

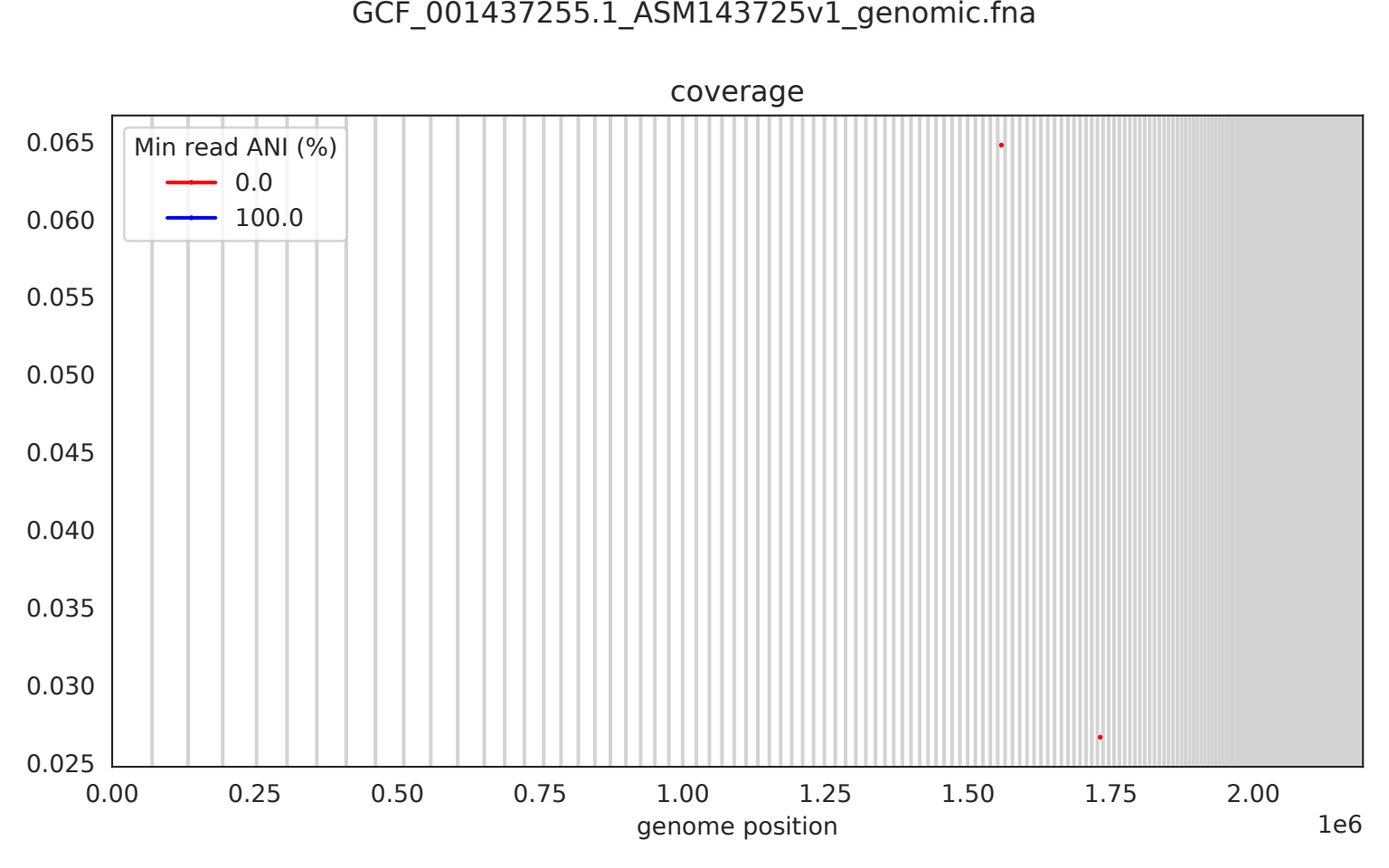

GCF_001436895.1_ASM143689v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.012
0.010
0.008
0.006
0.004
0.002
0.000
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

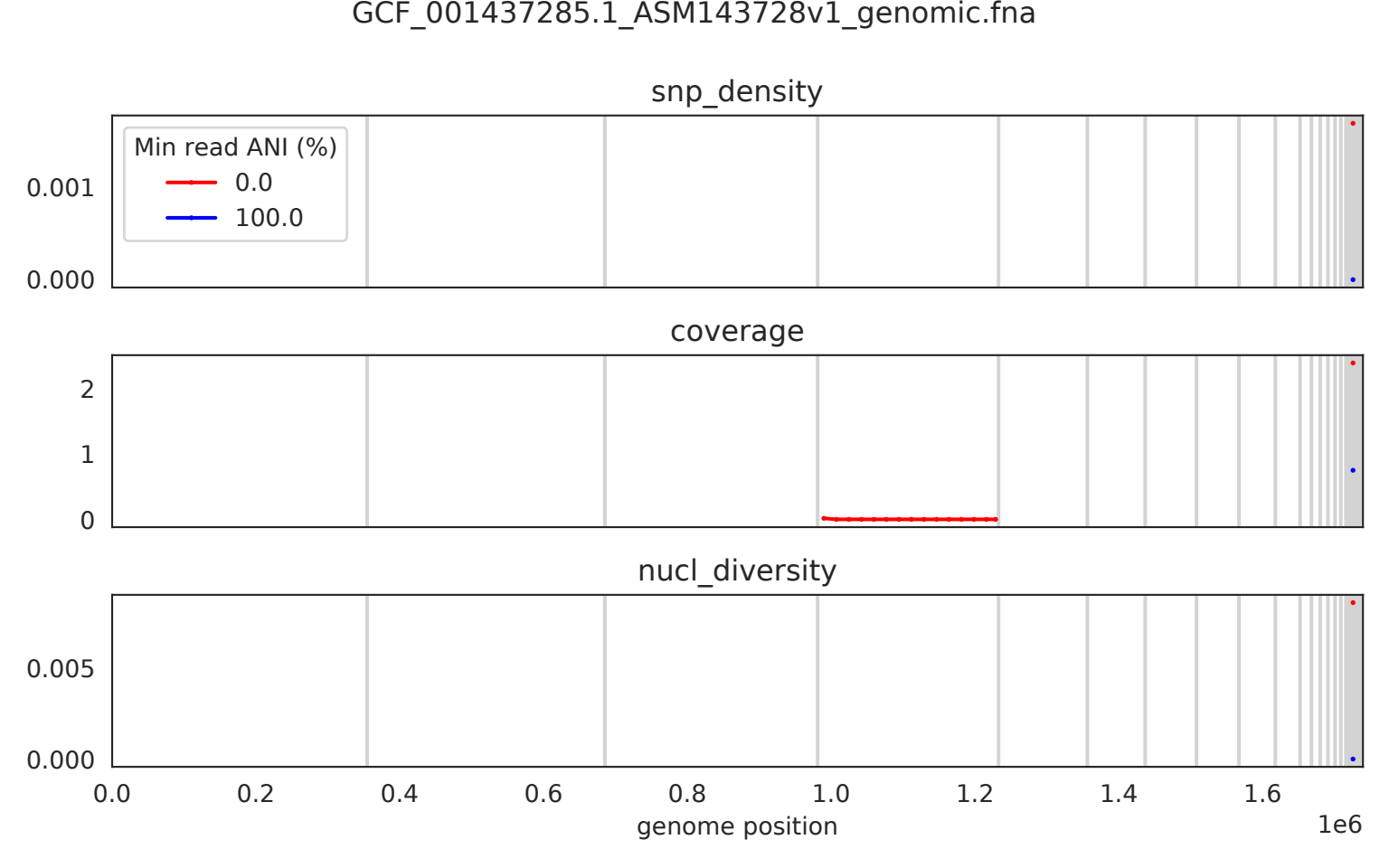

GCF_001437055.1_ASM143705v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.002
0.000
coverage
1
0
nucl_diversity
0.004
0.002
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6

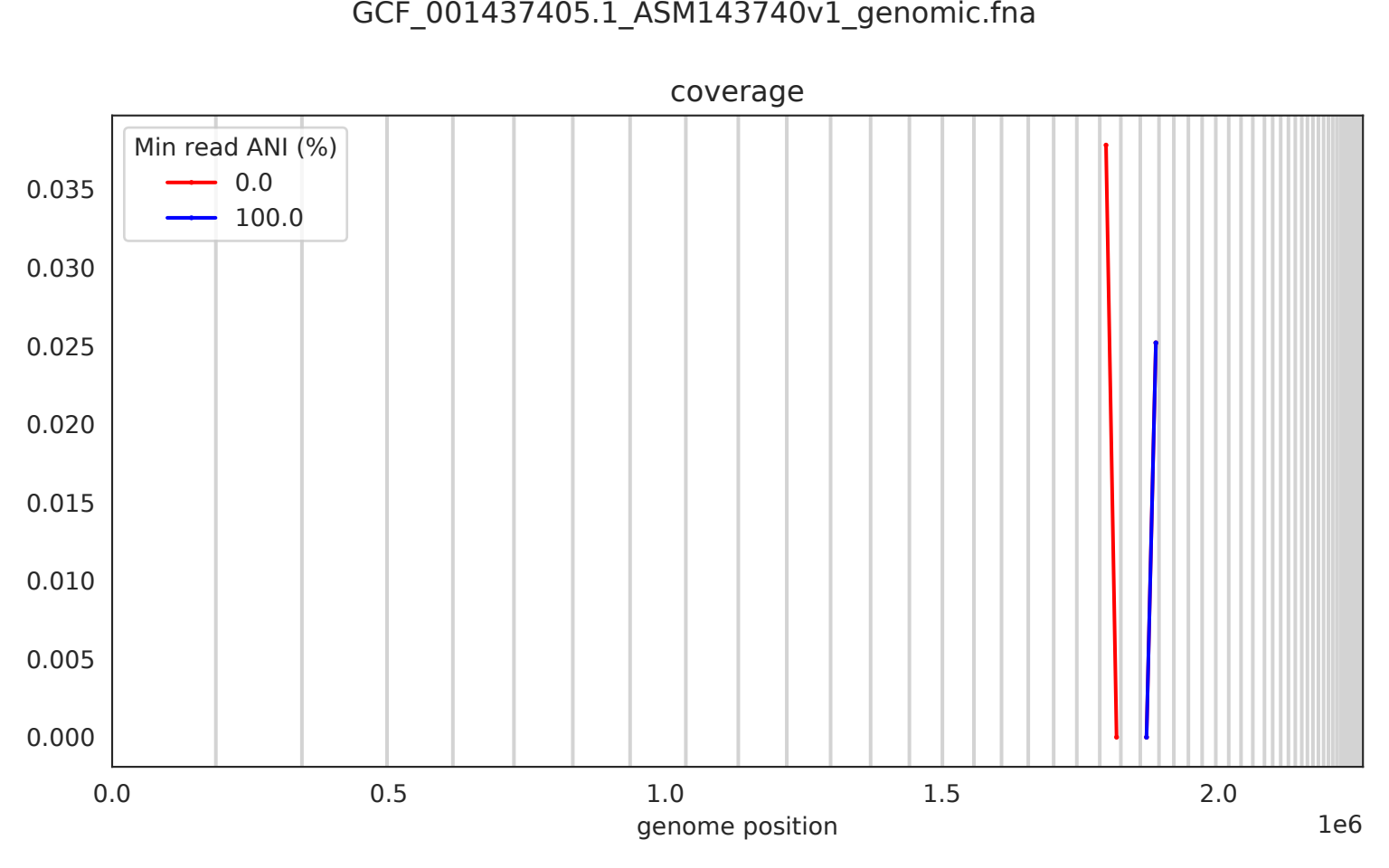

GCF_001437125.1_ASM143712v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
1.0
0.8
0.6
nucl_diversity
0.04
0.02
0.00
−0.02
−0.04
0.0
0.5
1.0
1.5
2.0
genome position
1e6

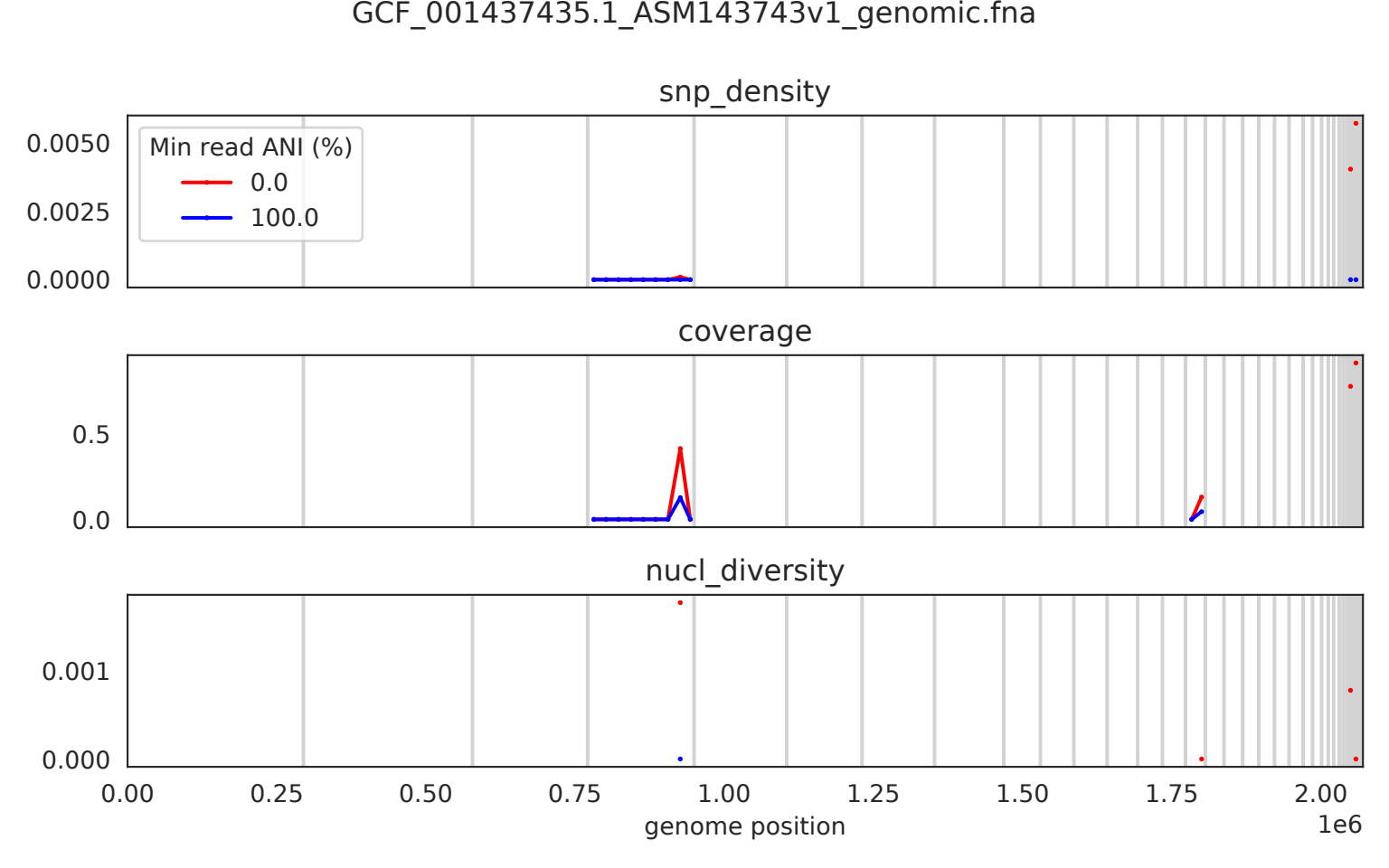

GCF_001437155.1_ASM143715v1_genomic.fna
linkage
0.135
0.130
0.125
Min read ANI (%)
0
100
snp_density
0.002
0.000
coverage
0.5
0.0
nucl_diversity
0.02
0.00
0.0
0.5
1.0
1.5
2.0
genome position
1e6

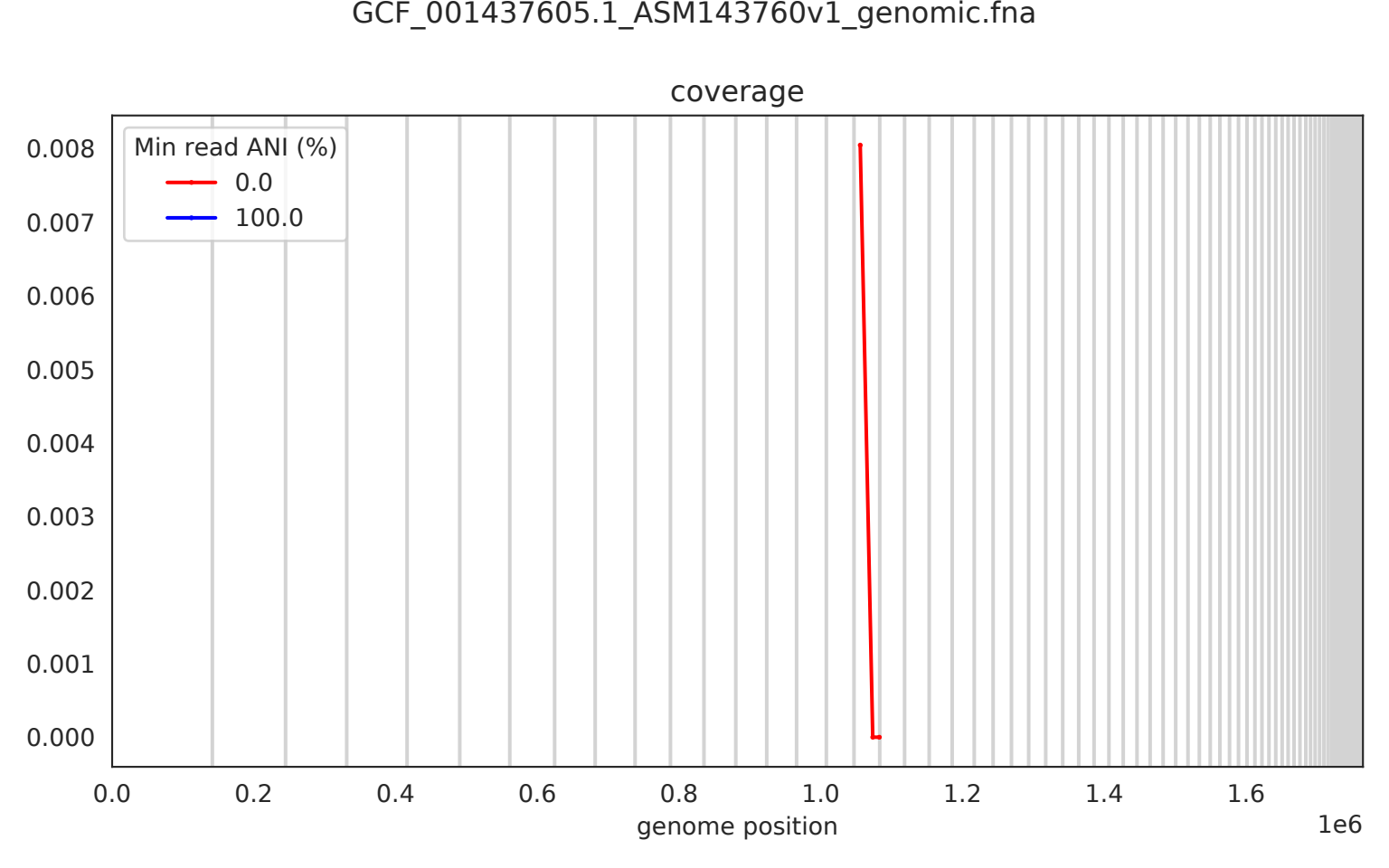

GCF_001437205.1_ASM143720v1_genomic.fna
linkage
0.29
0.28
0.27
Min read ANI (%)
0
100
snp_density
0.0025
0.0000
coverage
5
0
nucl_diversity
0.0018
0.0017
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

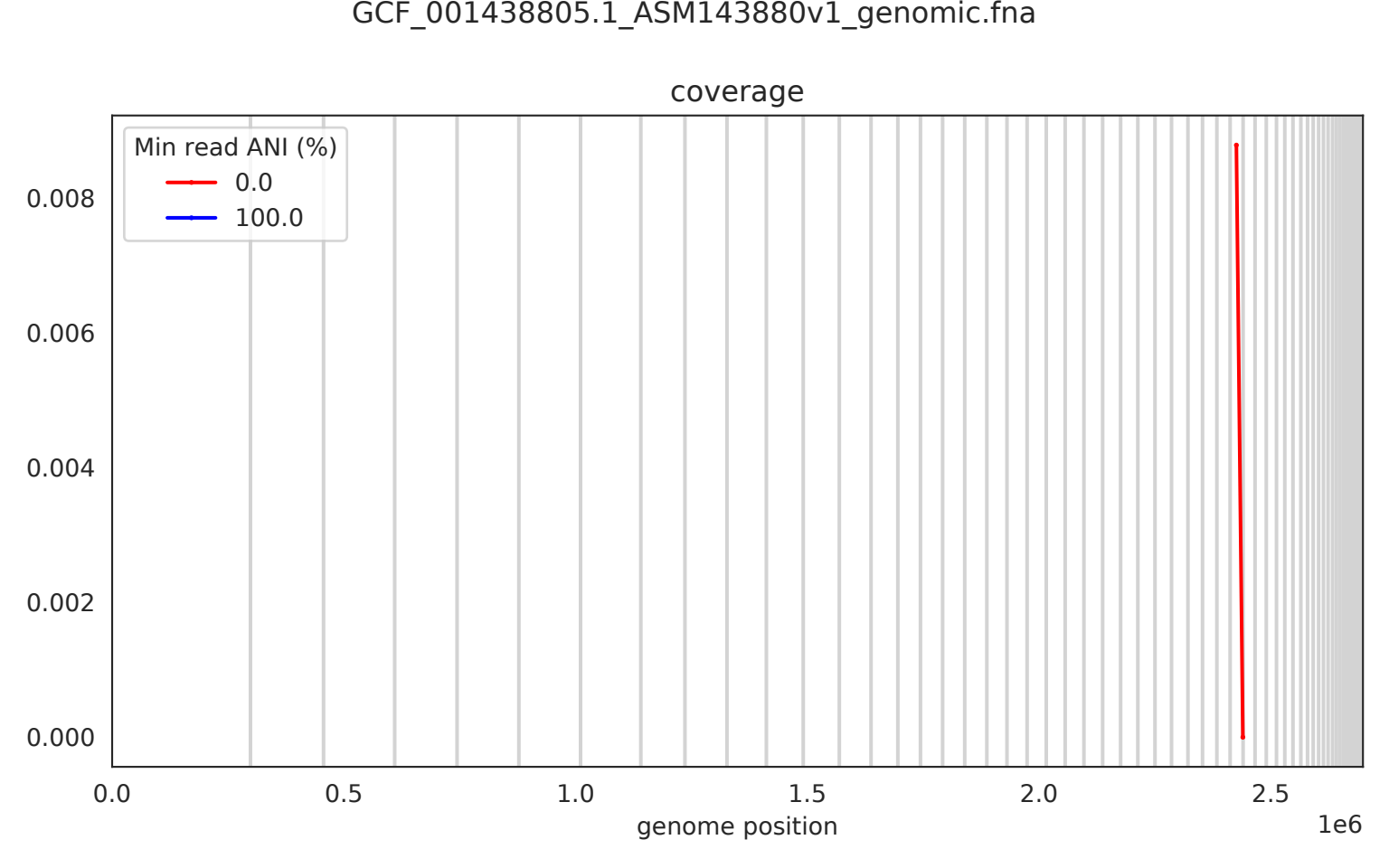

GCF_001437255.1_ASM143725v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.065
0.060
0.055
0.050
0.045
0.040
0.035
0.030
0.025
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

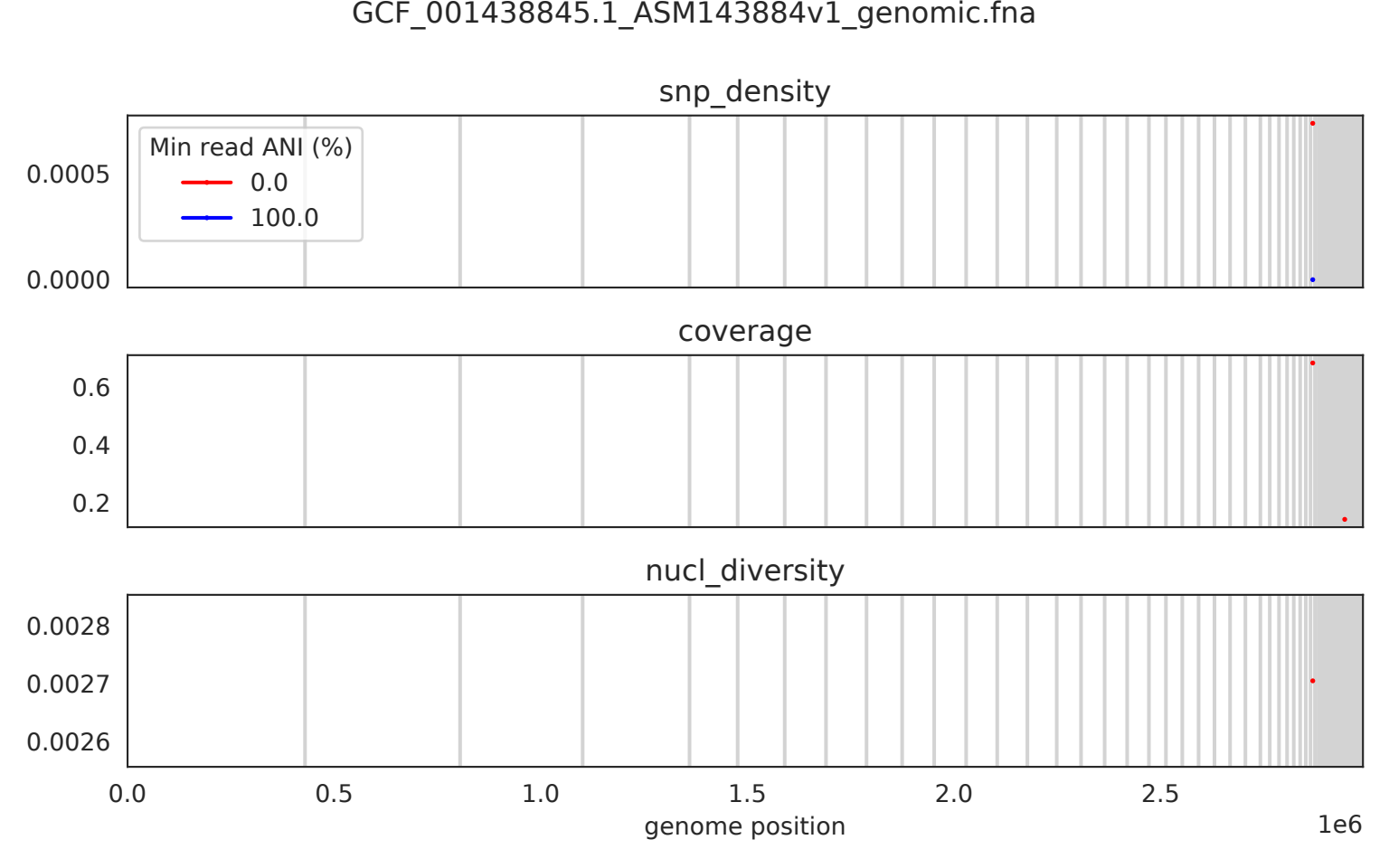

GCF_001437285.1_ASM143728v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.001
0.000
coverage
2
1
0
nucl_diversity
0.005
0.000
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6

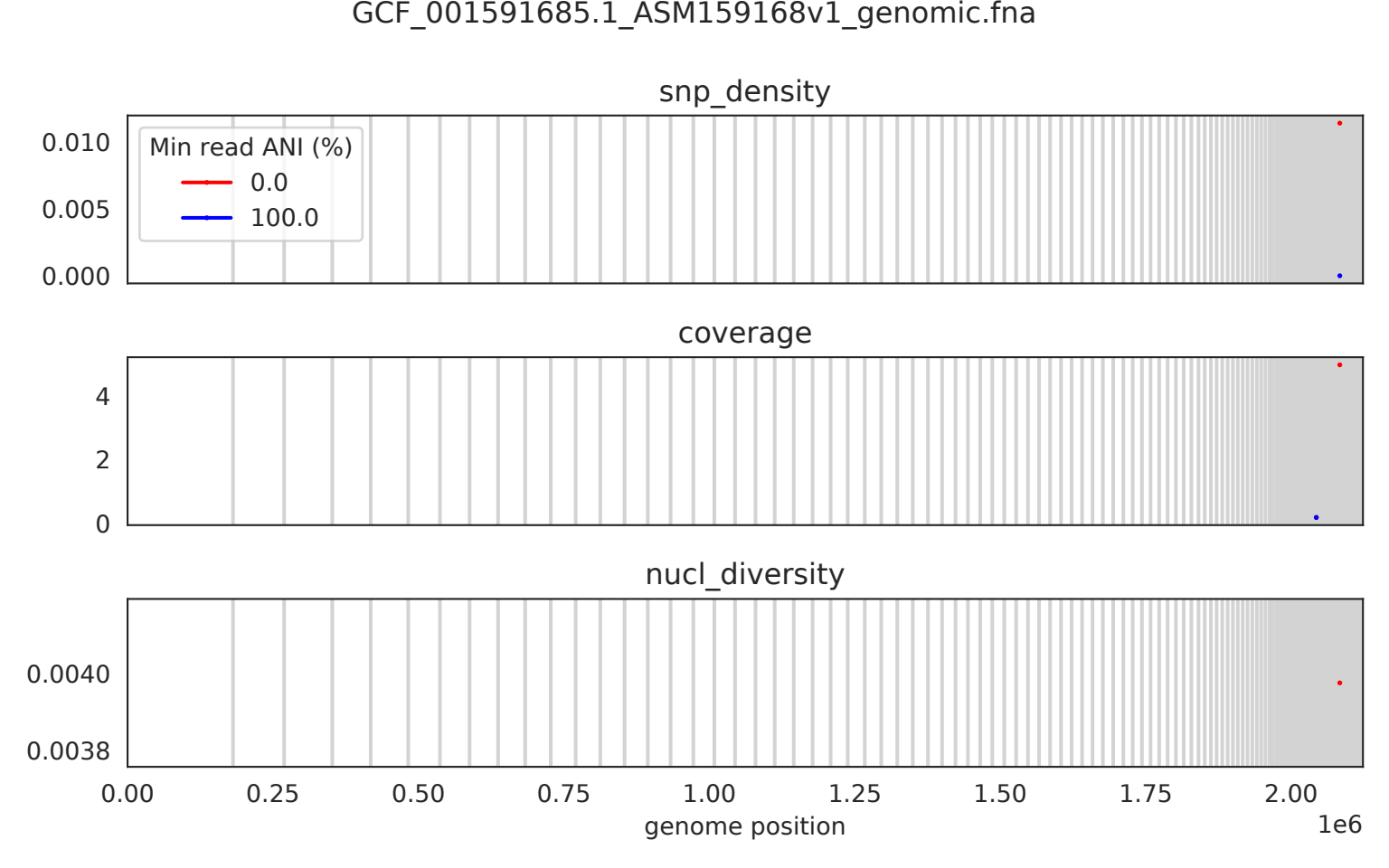

GCF_001437405.1_ASM143740v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
0.0
0.5
1.0
1.5
2.0
genome position
1e6

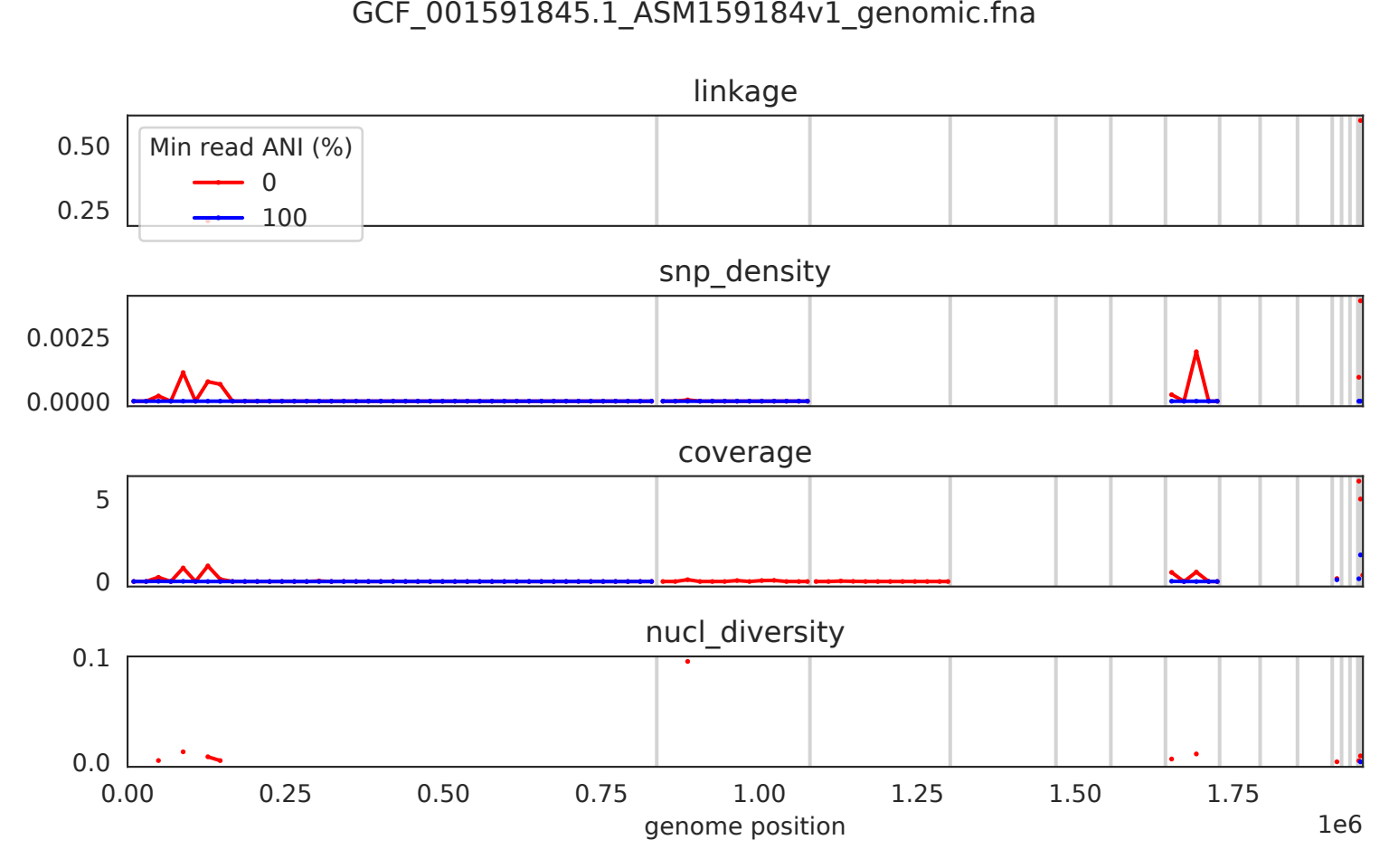

GCF_001437435.1_ASM143743v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0050
0.0025
0.0000
coverage
0.5
0.0
nucl_diversity
0.001
0.000
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

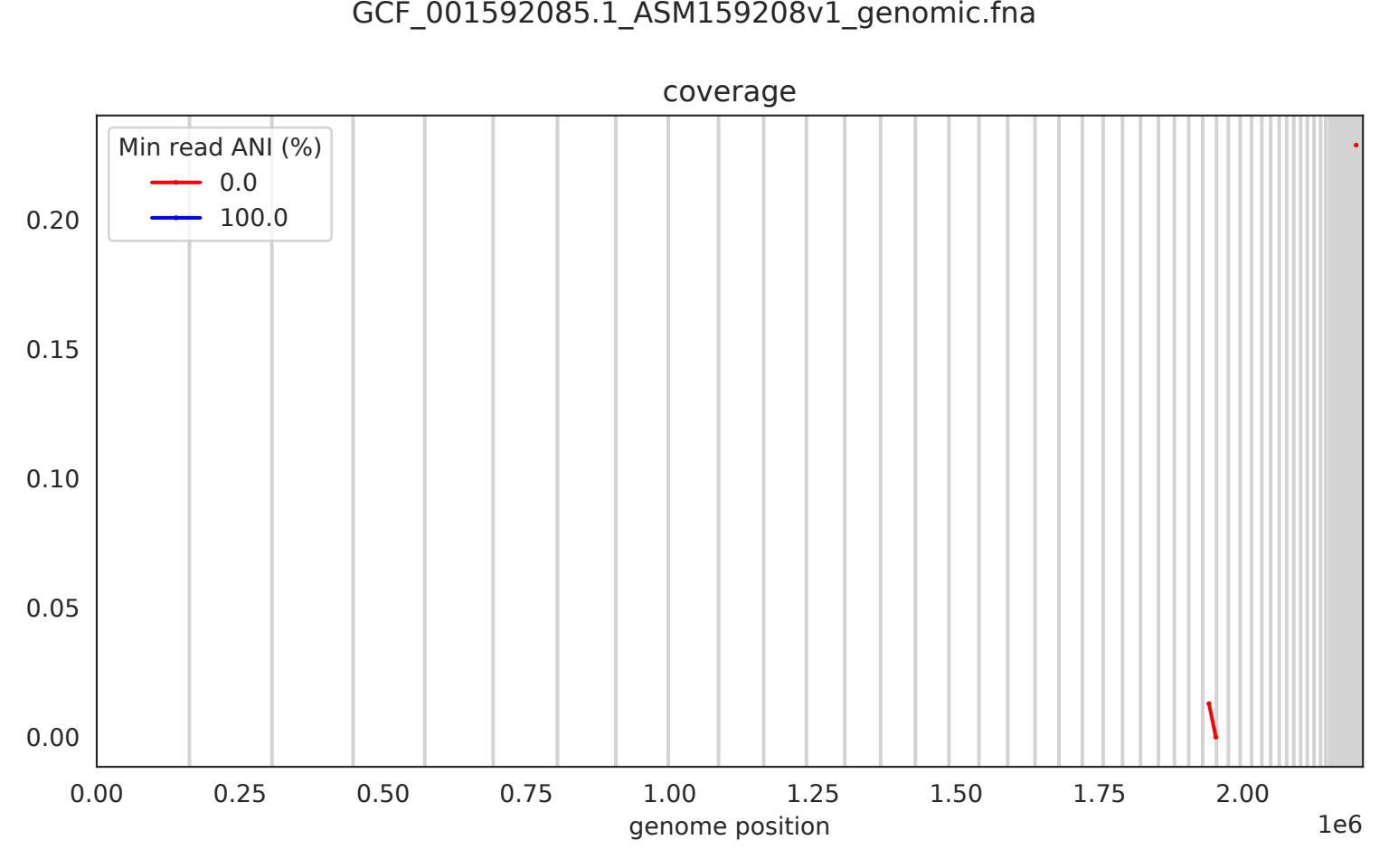

GCF_001437605.1_ASM143760v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0.000
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6

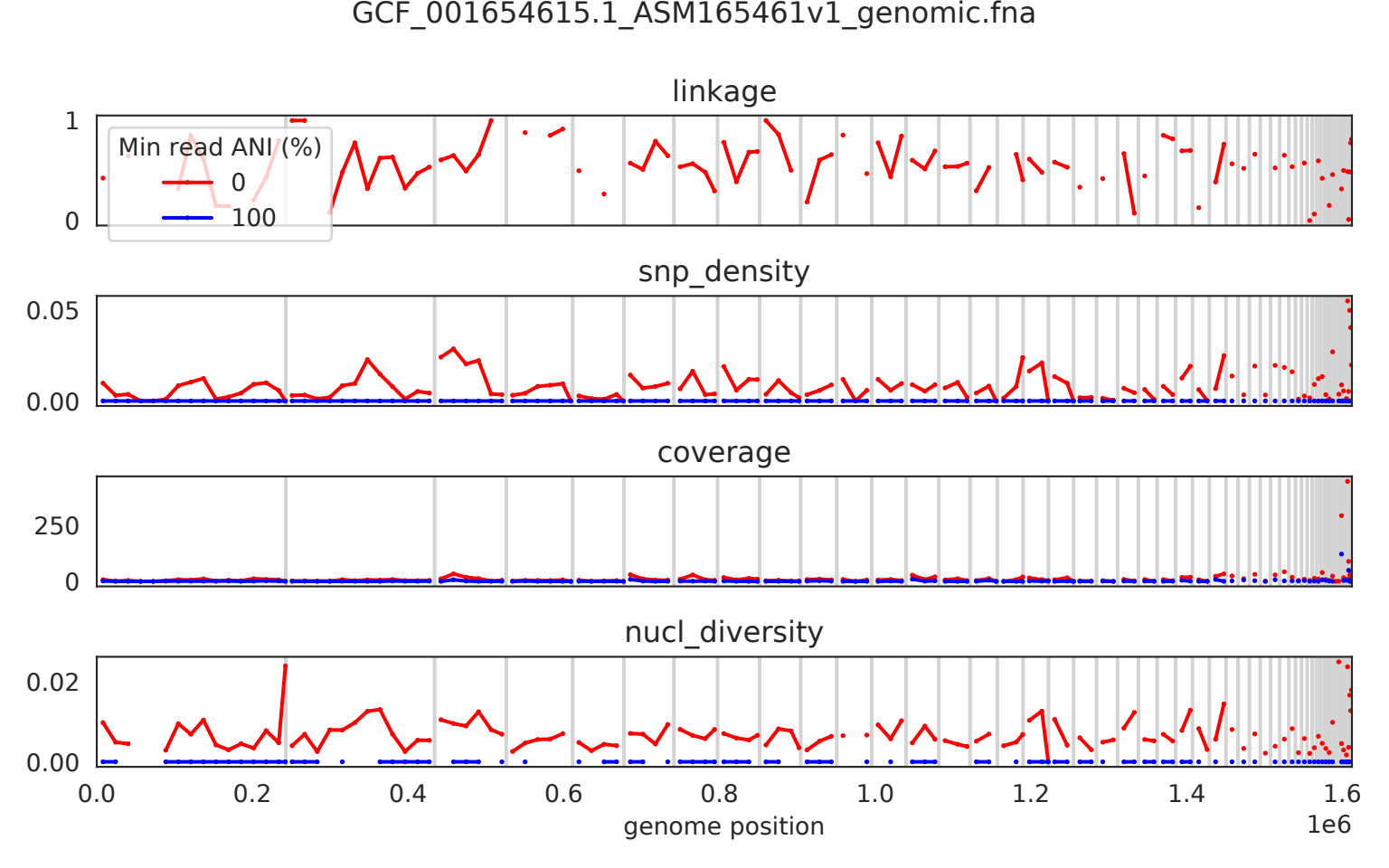

GCF_001438805.1_ASM143880v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.008
0.006
0.004
0.002
0.000
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

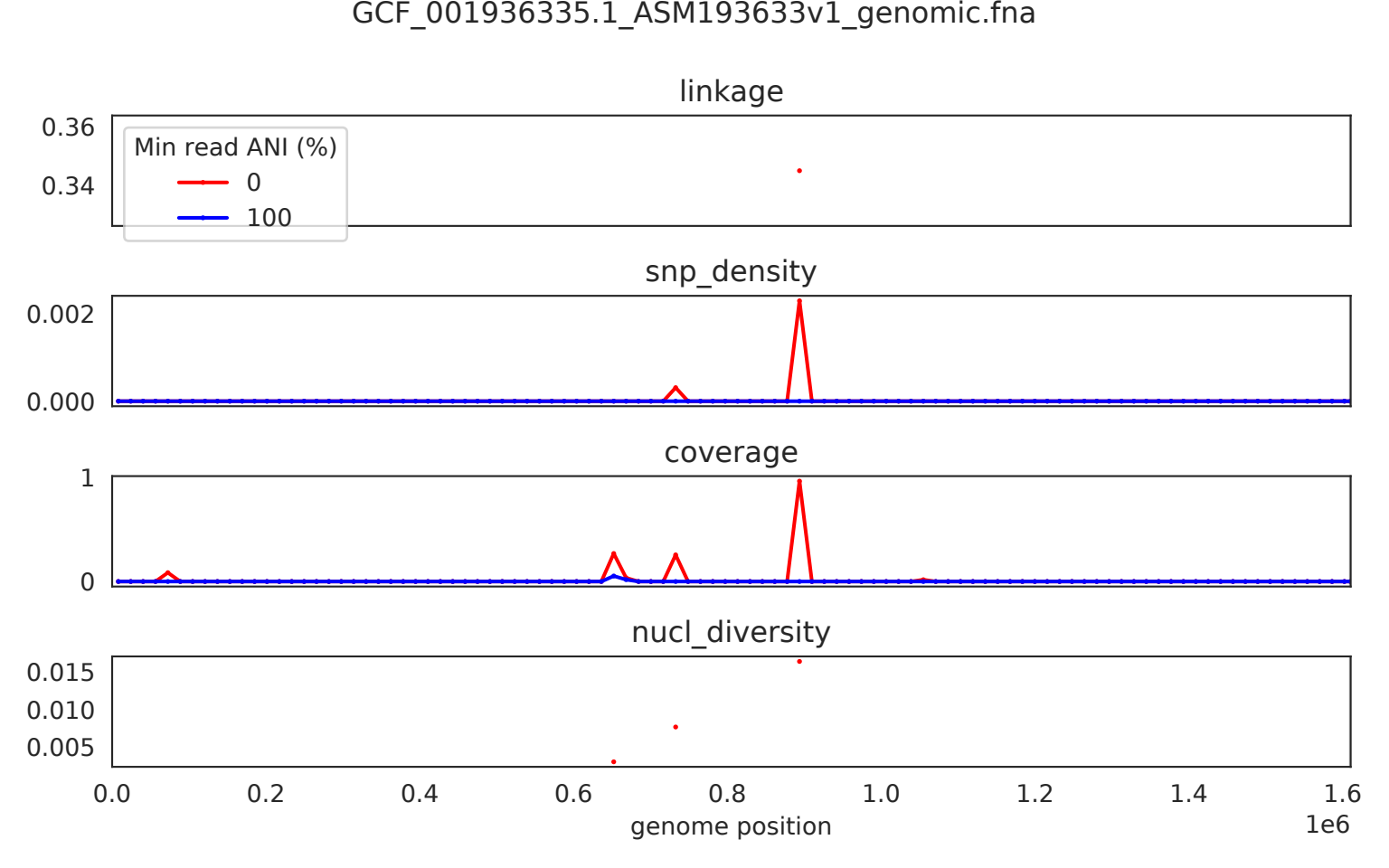

GCF_001438845.1_ASM143884v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0005
0.0000
coverage
0.6
0.4
0.2
nucl_diversity
0.0028
0.0027
0.0026
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

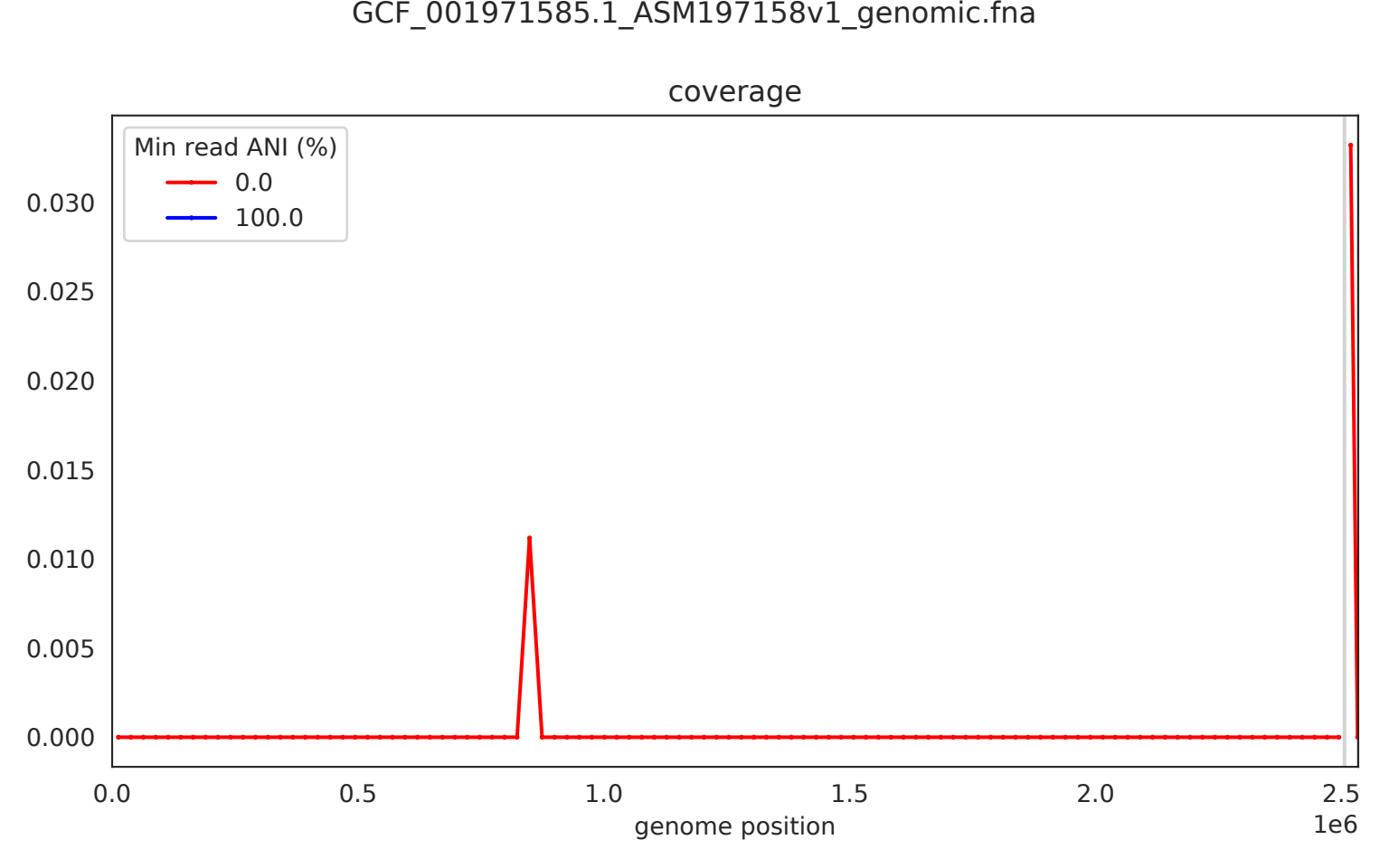

GCF_001591685.1_ASM159168v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.010
0.005
0.000
coverage
4
2
0
nucl_diversity
0.0040
0.0038
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

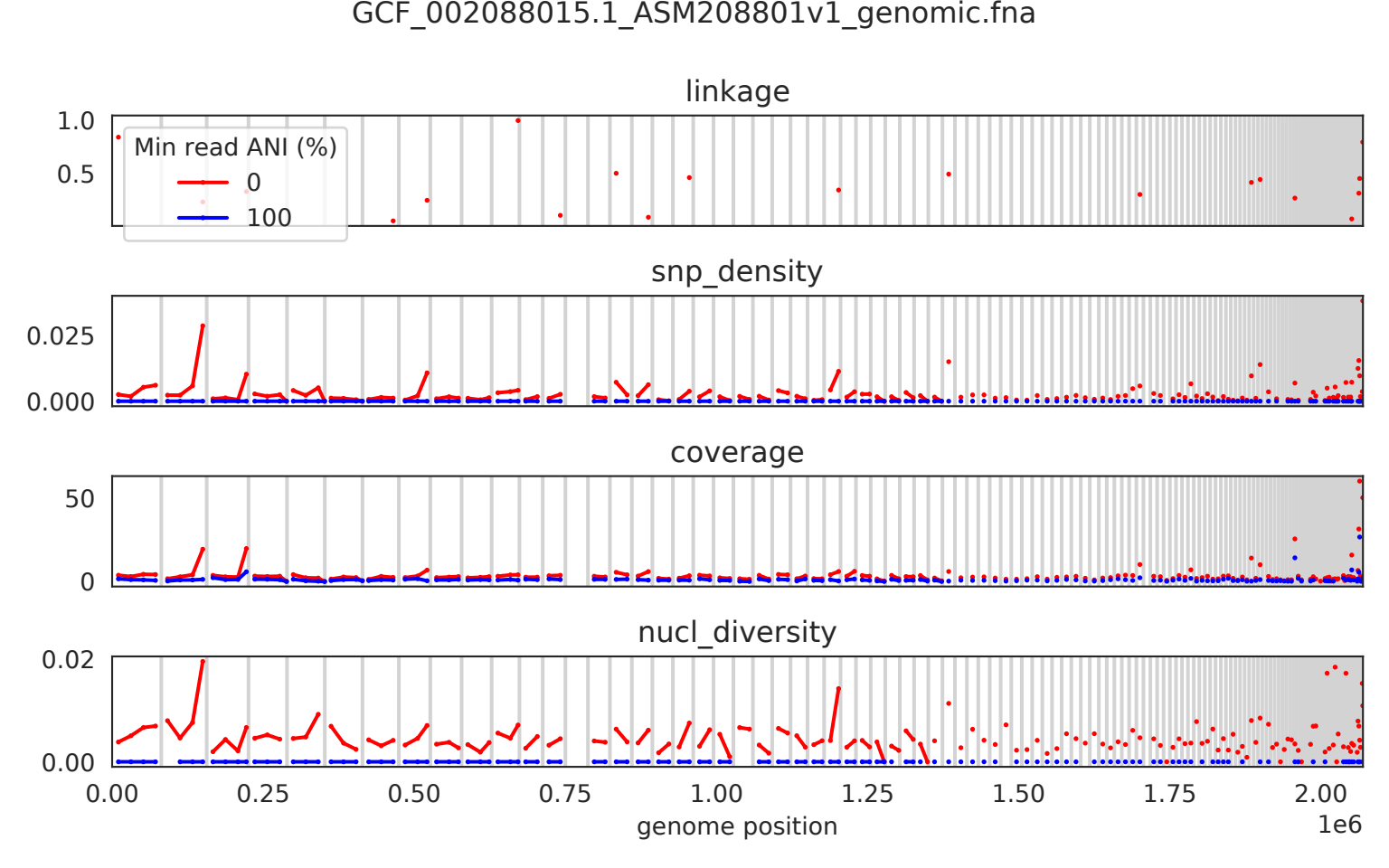

GCF_001591845.1_ASM159184v1_genomic.fna
linkage
Min read ANI (%)
0
100
0.50
0.25
snp_density
0.0025
0.0000
coverage
5
0
nucl_diversity
0.1
0.0
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

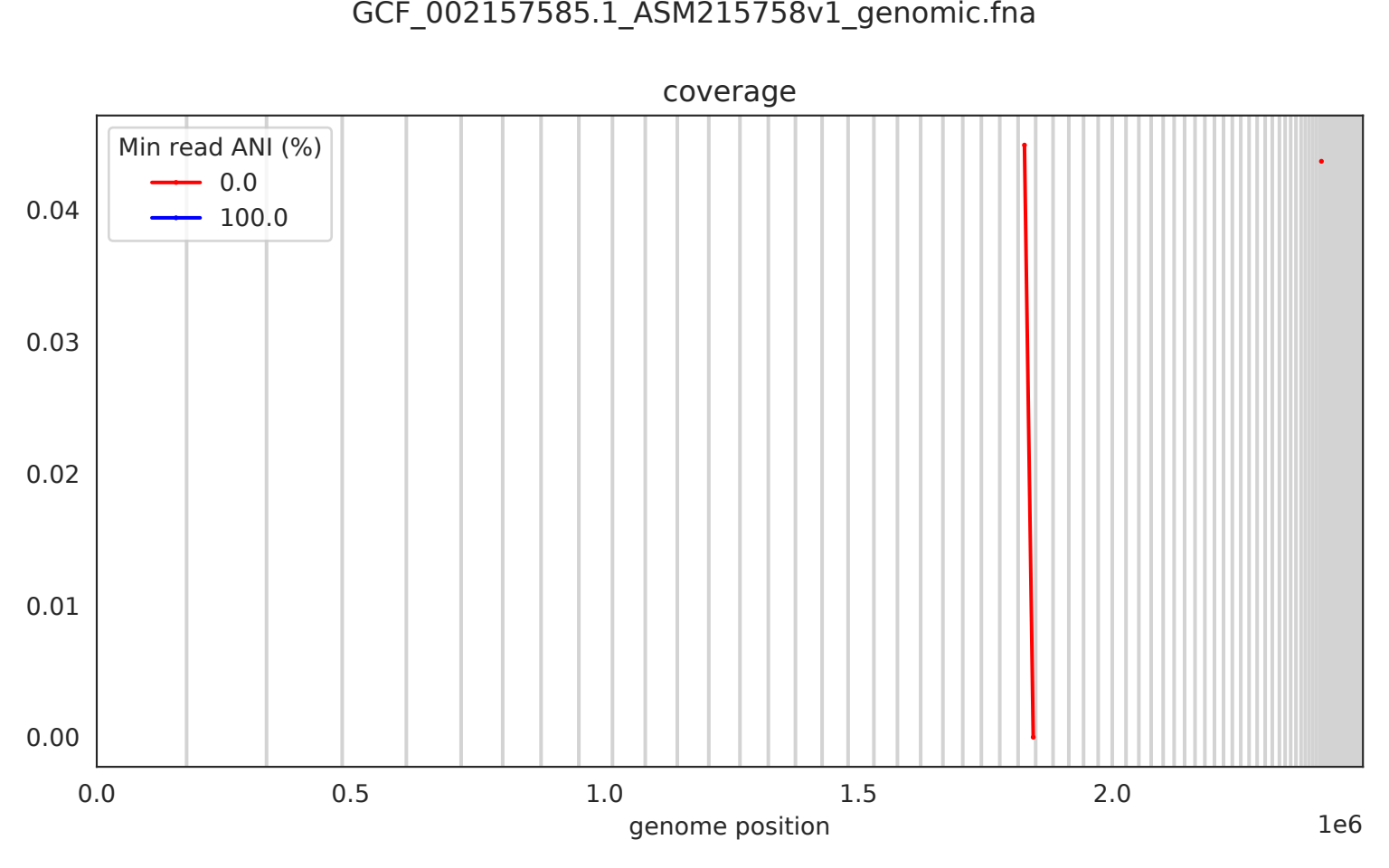

GCF_001592085.1_ASM159208v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.20
0.15
0.10
0.05
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

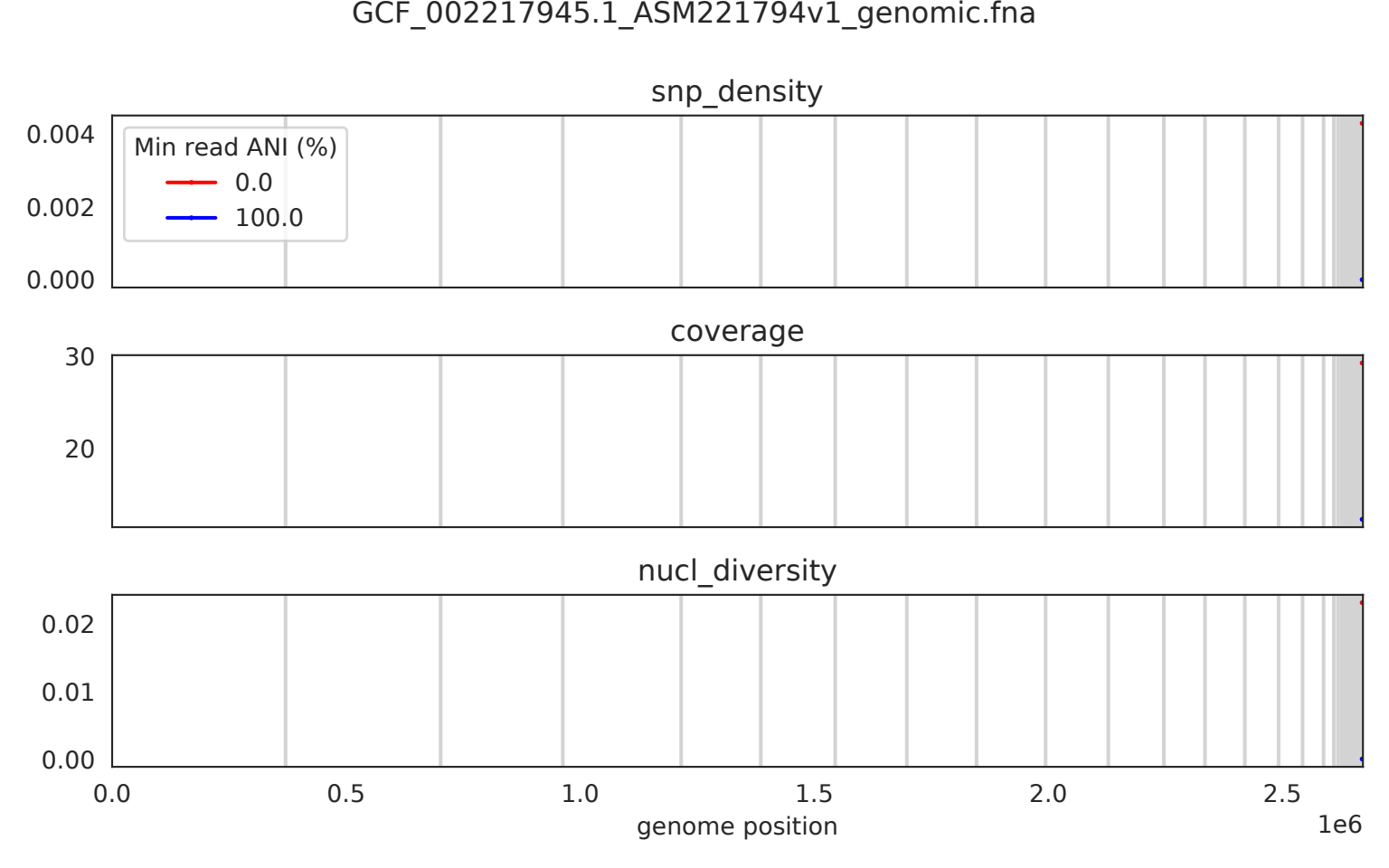

GCF_001654615.1_ASM165461v1_genomic.fna
linkage
Min read ANI (%)
0
100
1
0
snp_density
0.05
0.00
coverage
250
0
nucl_diversity
0.02
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6

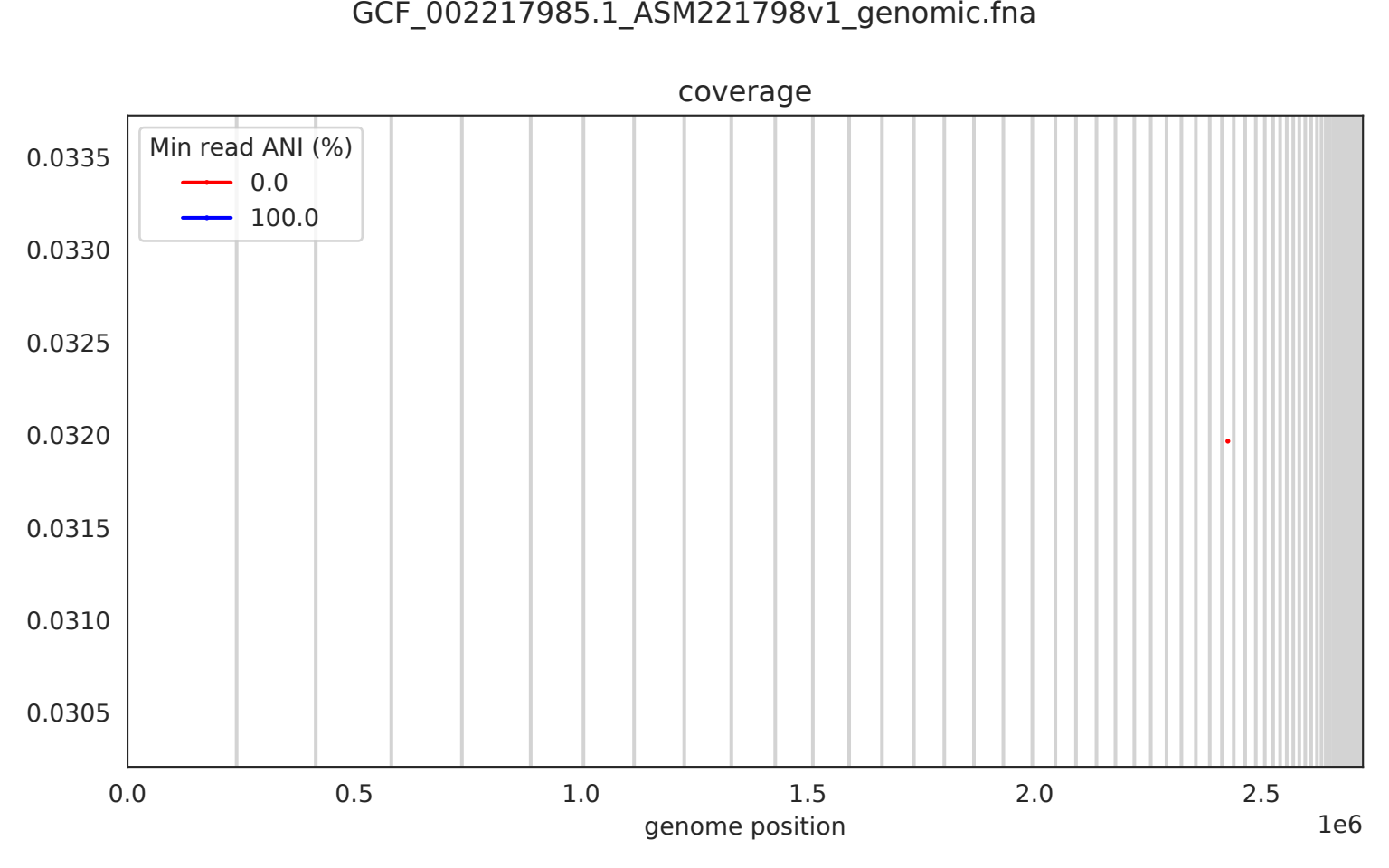

GCF_001936335.1_ASM193633v1_genomic.fna
linkage
0.36
0.34
Min read ANI (%)
0
100
snp_density
0.002
0.000
coverage
1
0
nucl_diversity
0.015
0.010
0.005
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6

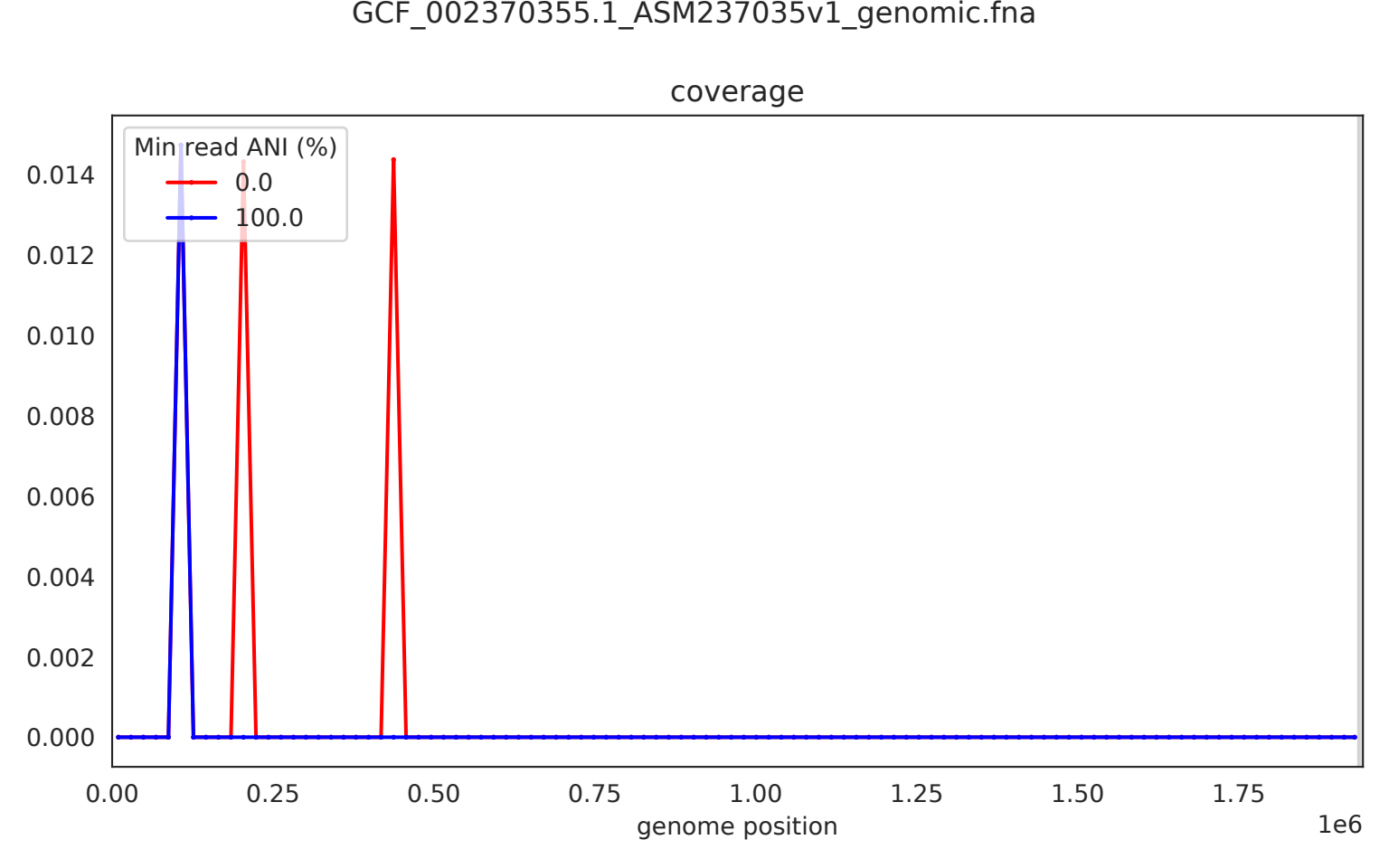

GCF_001971585.1_ASM197158v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.030
0.025
0.020
0.015
0.010
0.005
0.000
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

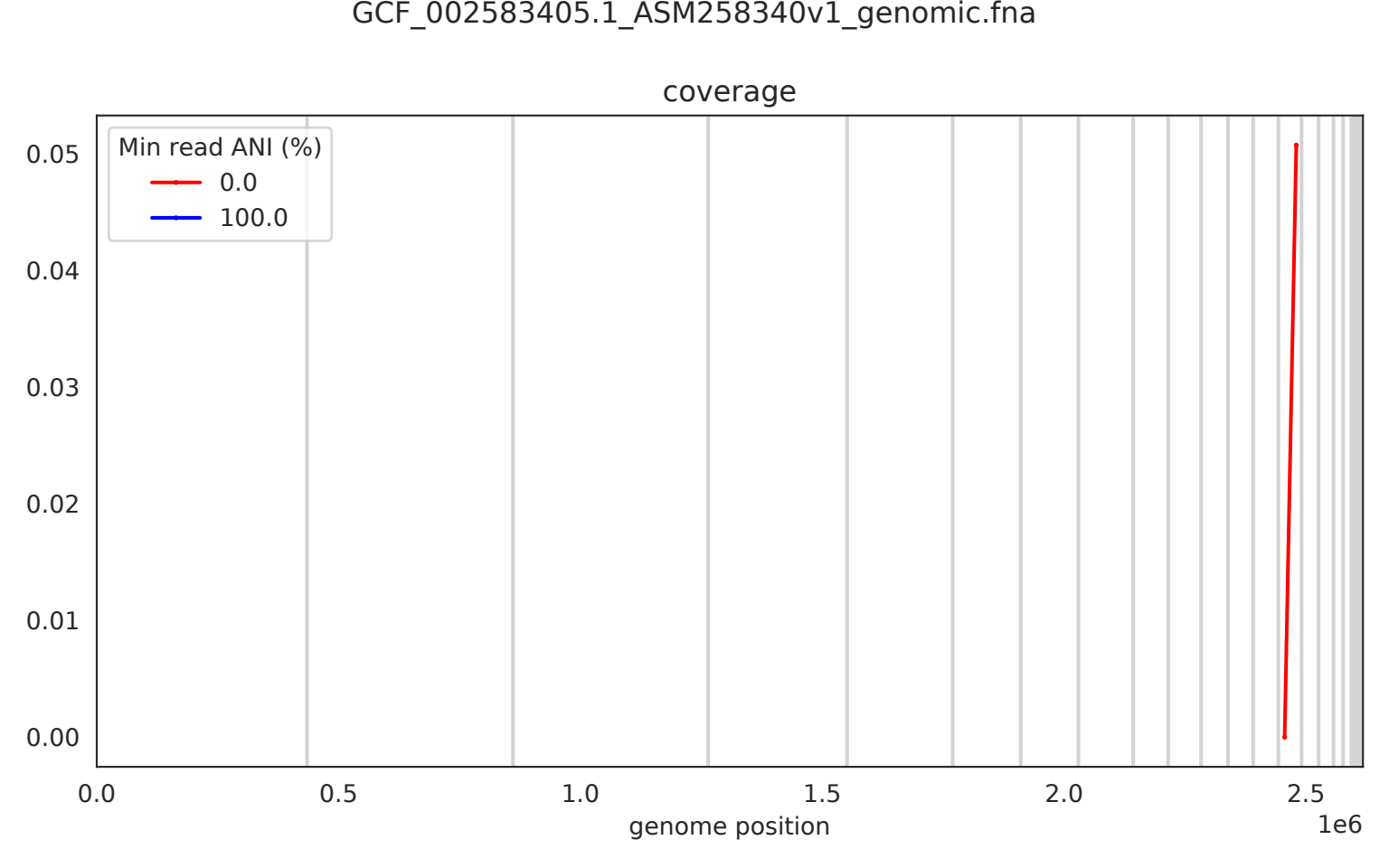

GCF_002088015.1_ASM208801v1_genomic.fna
linkage
1.0
0.5
Min read ANI (%)
0
100
snp_density
0.025
0.000
coverage
50
0
nucl_diversity
0.02
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

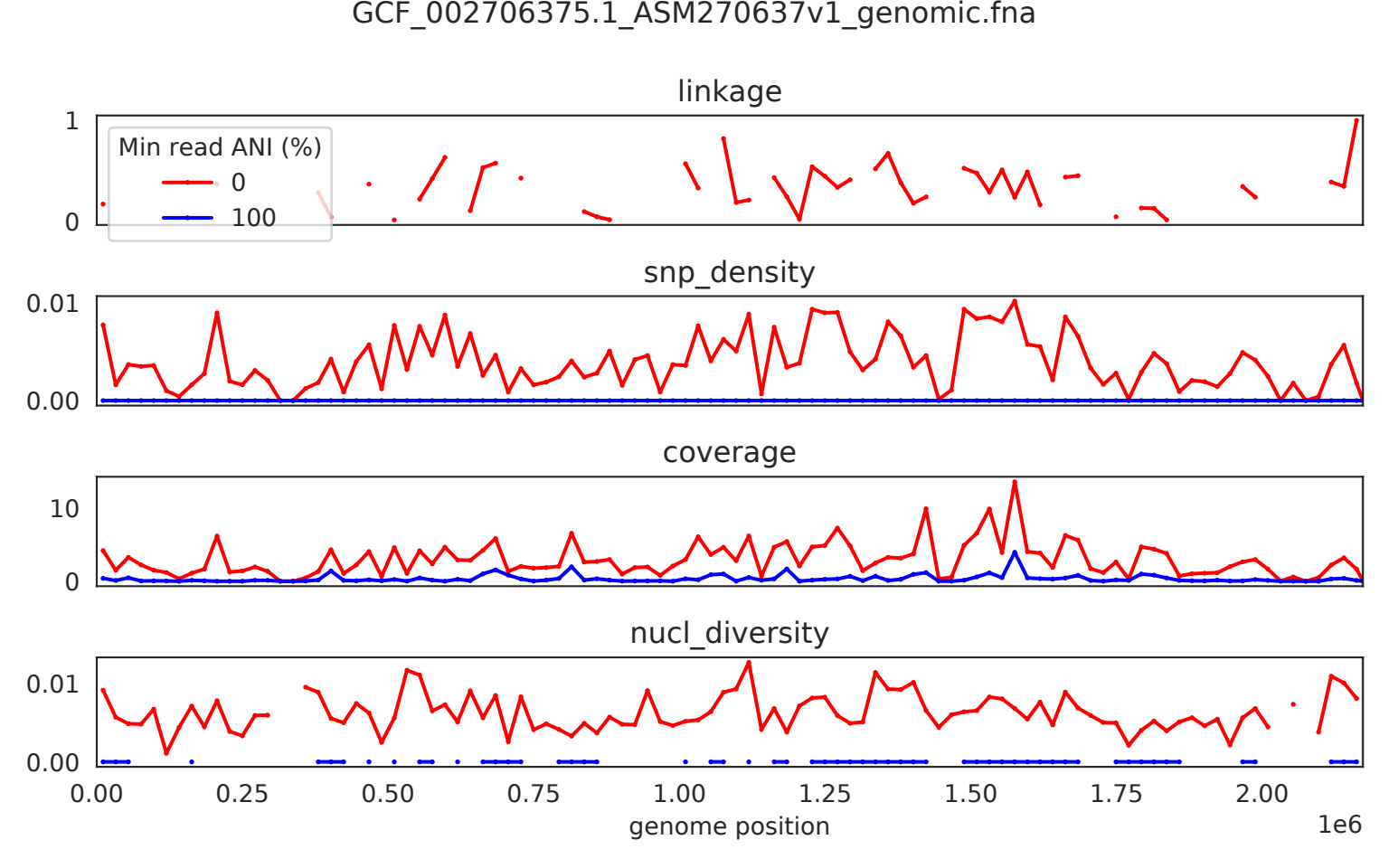

GCF_002157585.1_ASM215758v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.04
0.03
0.02
0.01
0.00
0.0
0.5
1.0
1.5
2.0
genome position
1e6

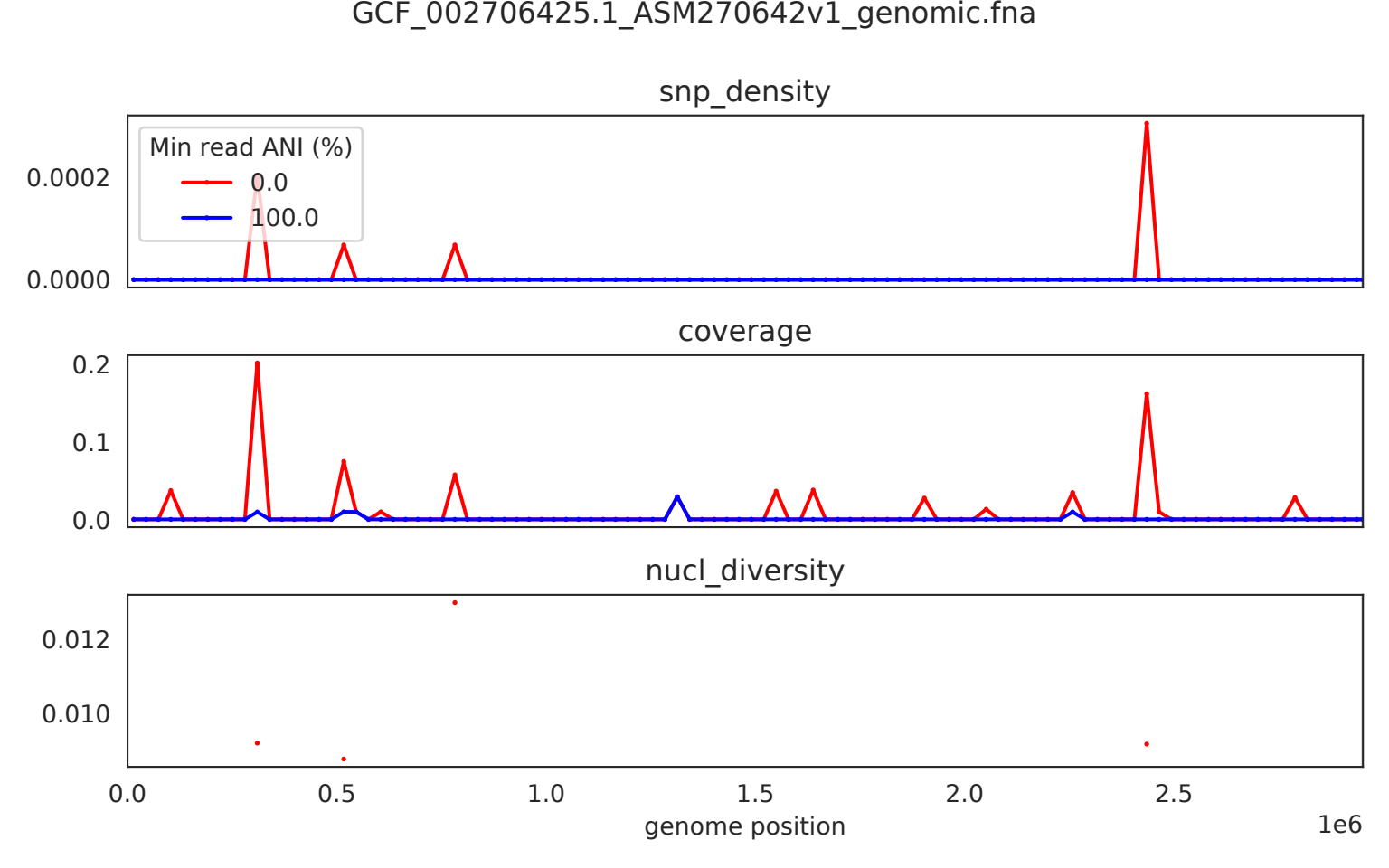

GCF_002217945.1_ASM221794v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.004
0.002
0.000
coverage
30
20
nucl_diversity
0.02
0.01
0.00
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

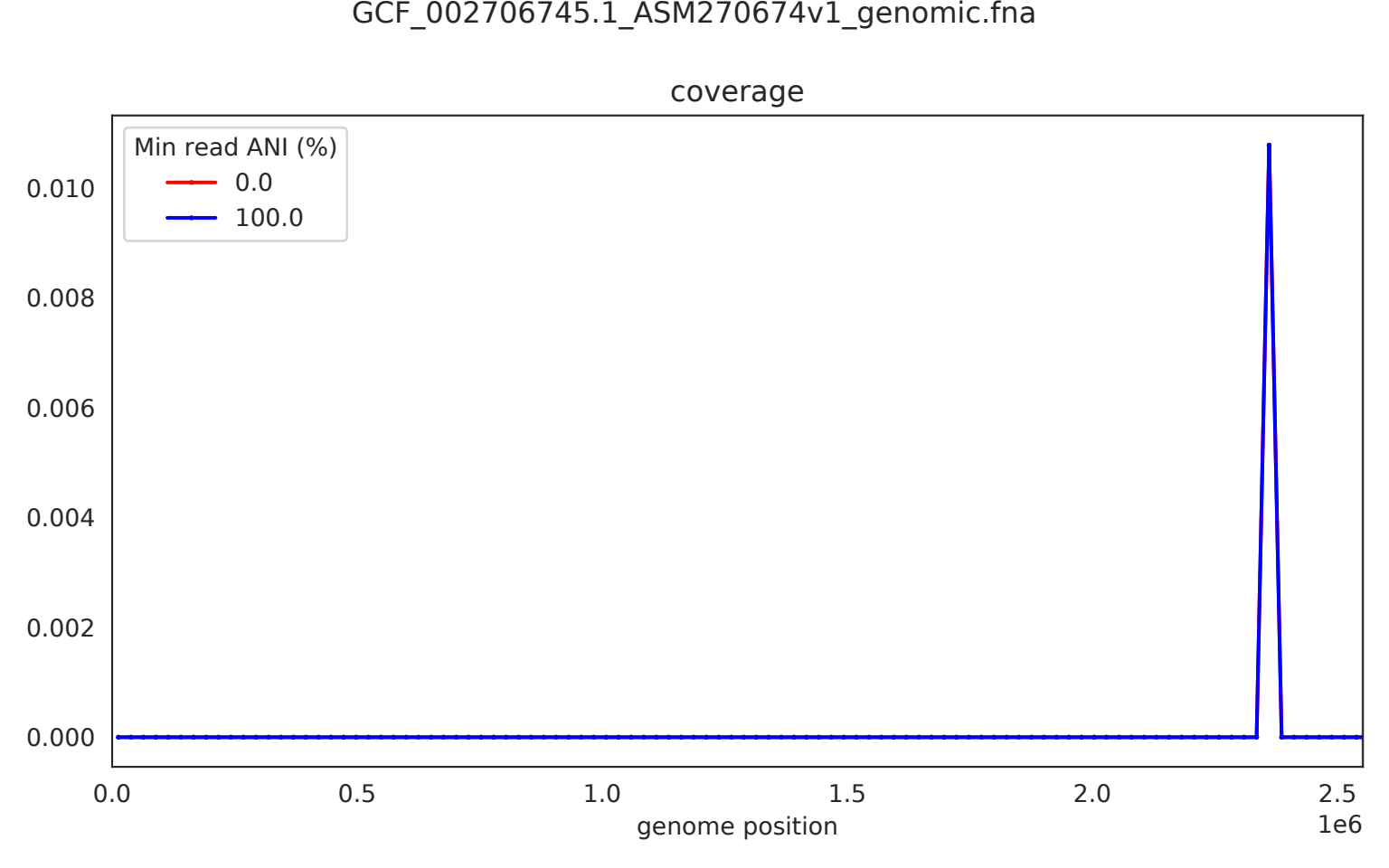

GCF_002217985.1_ASM221798v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.0335
0.0330
0.0325
0.0320
0.0315
0.0310
0.0305
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

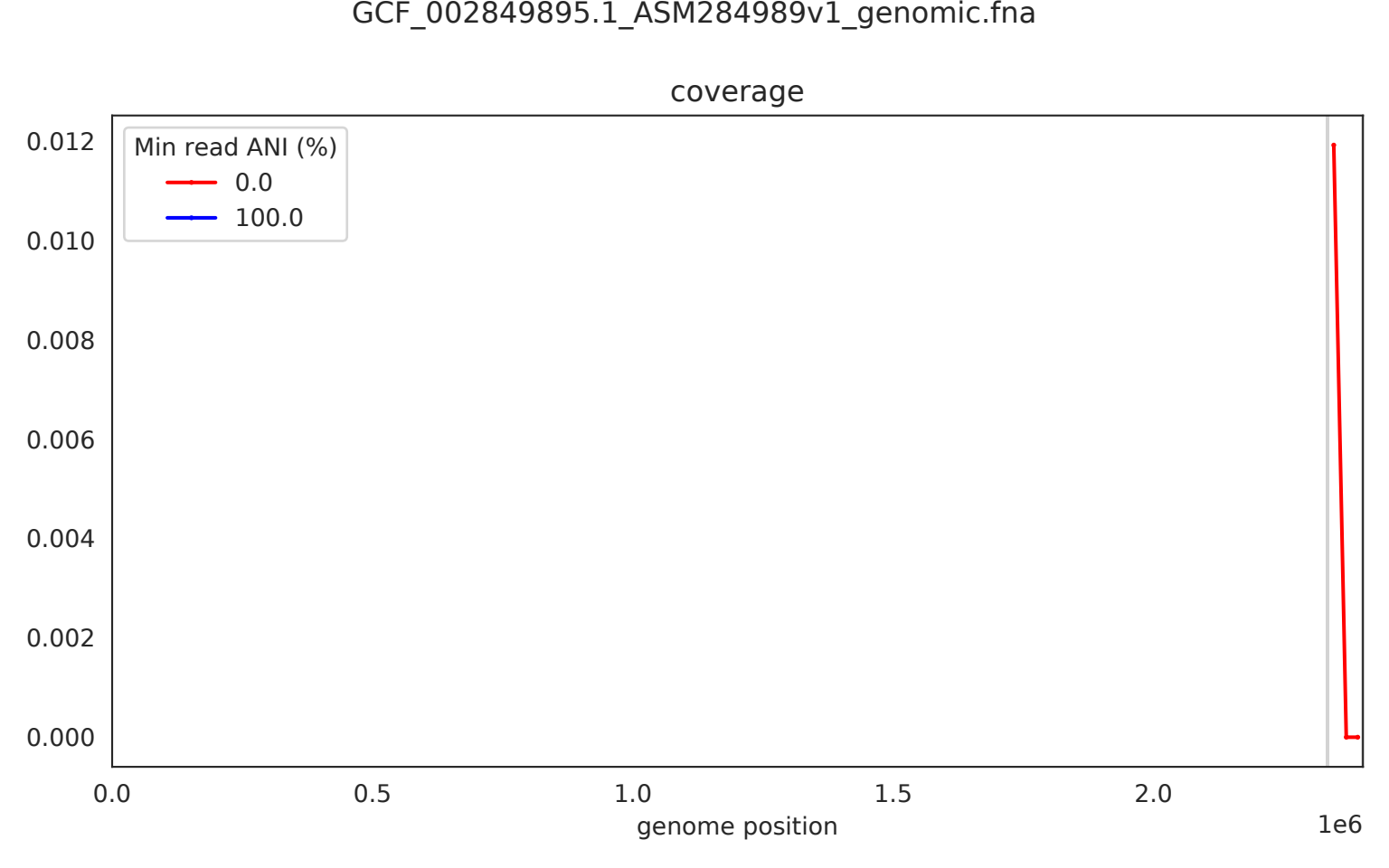

GCF_002370355.1_ASM237035v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.014
0.012
0.010
0.008
0.006
0.004
0.002
0.000
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

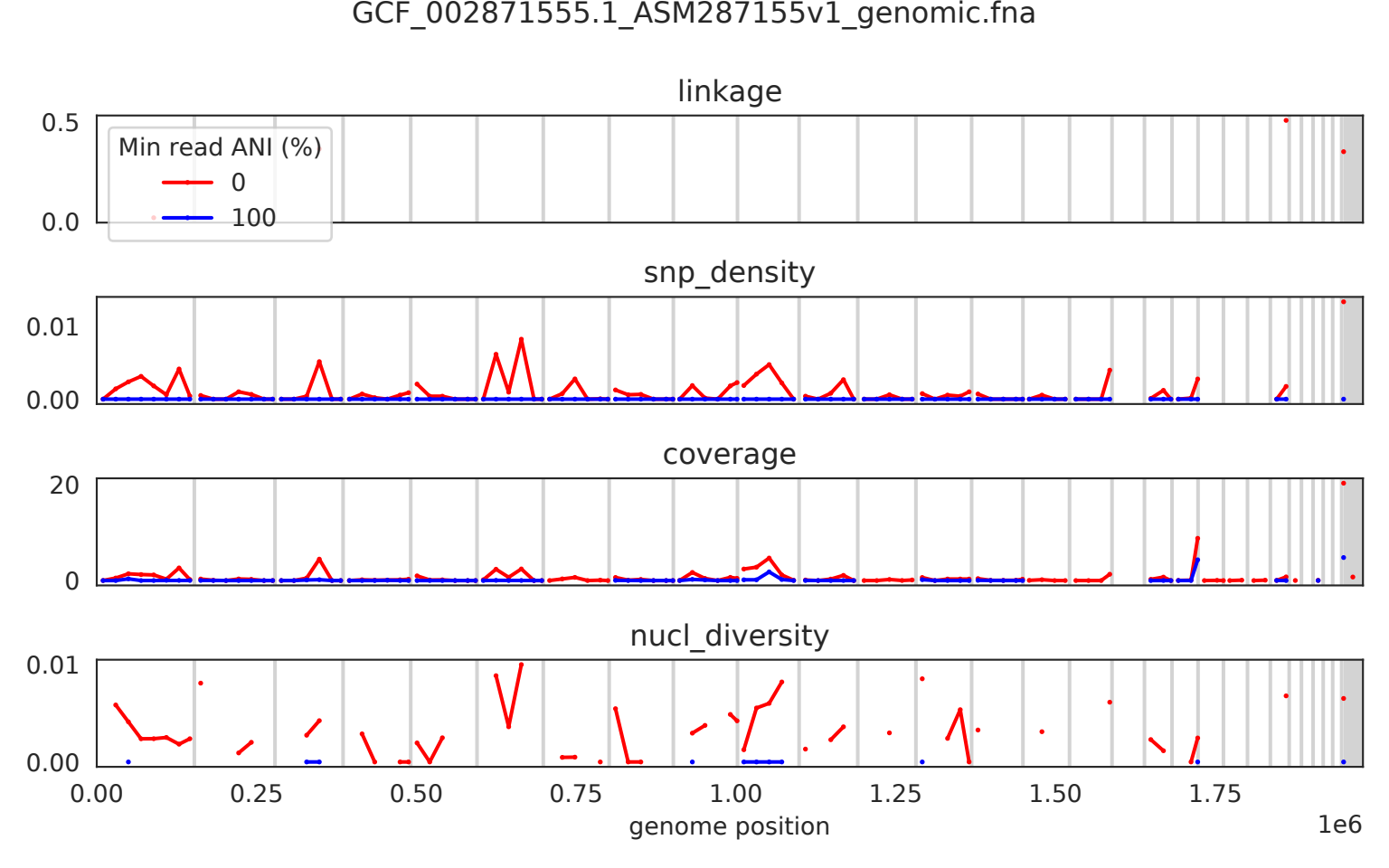

GCF_002583405.1_ASM258340v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.05
0.04
0.03
0.02
0.01
0.00
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

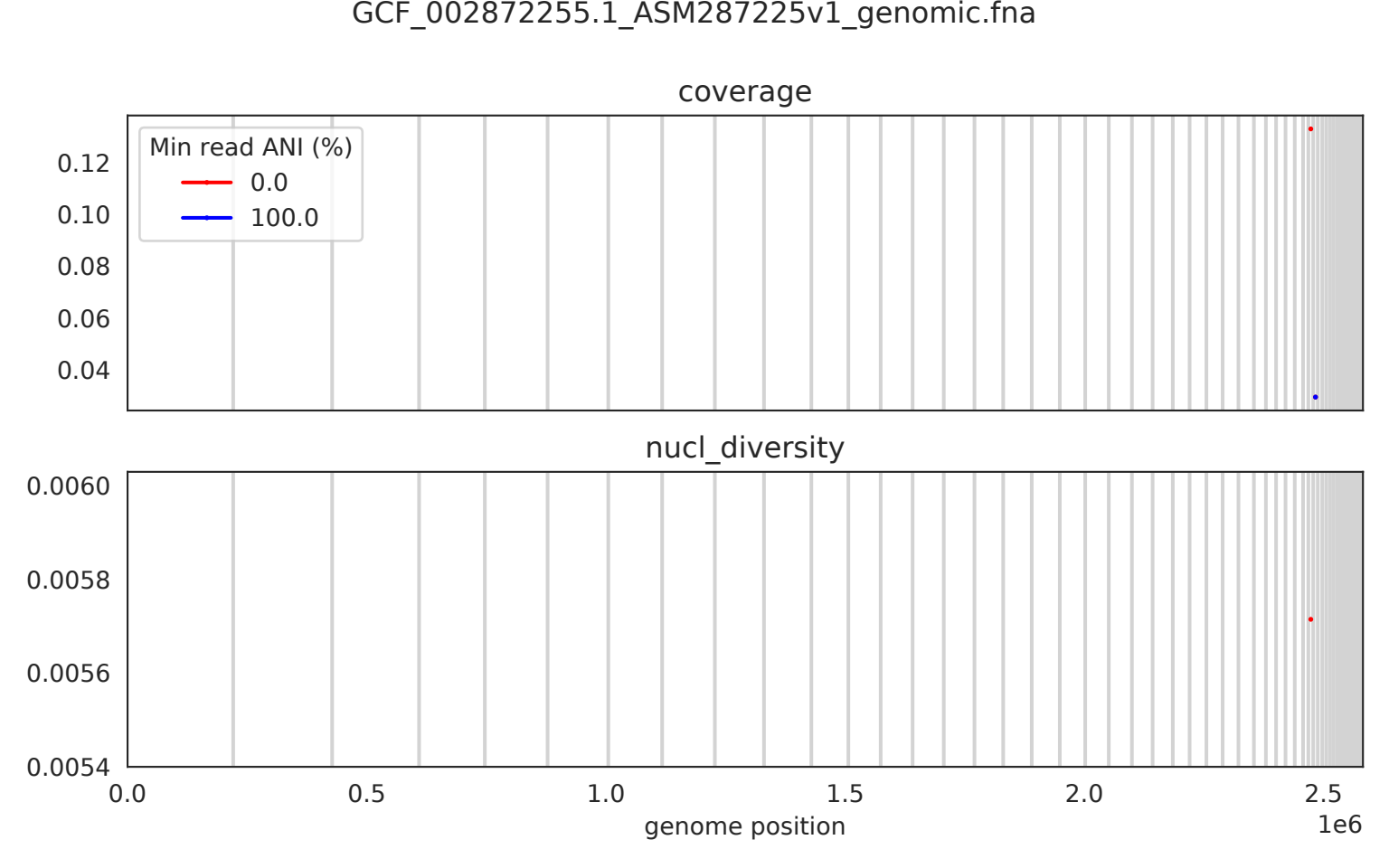

GCF_002706375.1_ASM270637v1_genomic.fna
linkage
Min read ANI (%)
0
100
1
0
snp_density
0.01
0.00
coverage
10
0
nucl_diversity
0.01
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

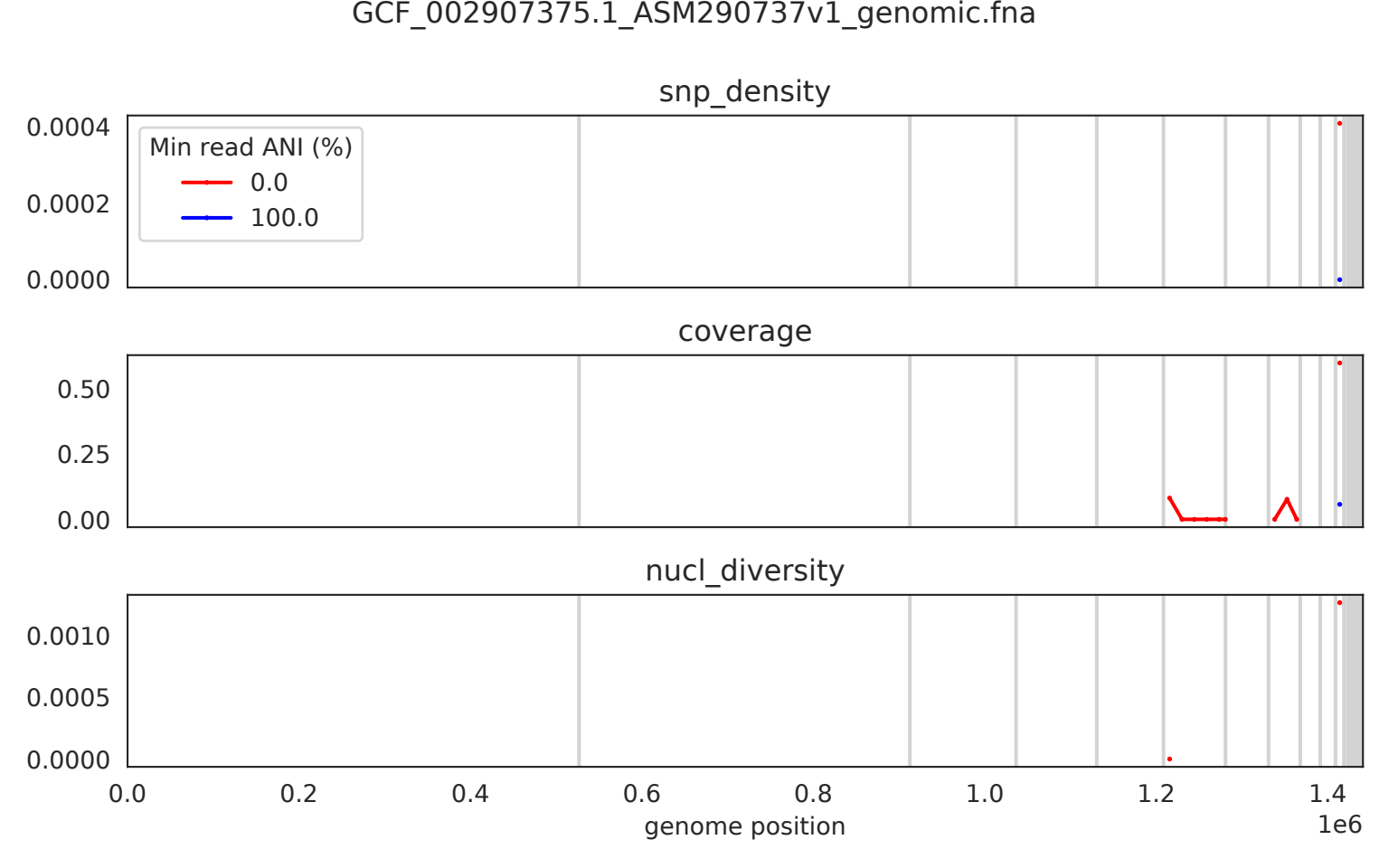

GCF_002706425.1_ASM270642v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0002
0.0000
coverage
0.2
0.1
0.0
nucl_diversity
0.012
0.010
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

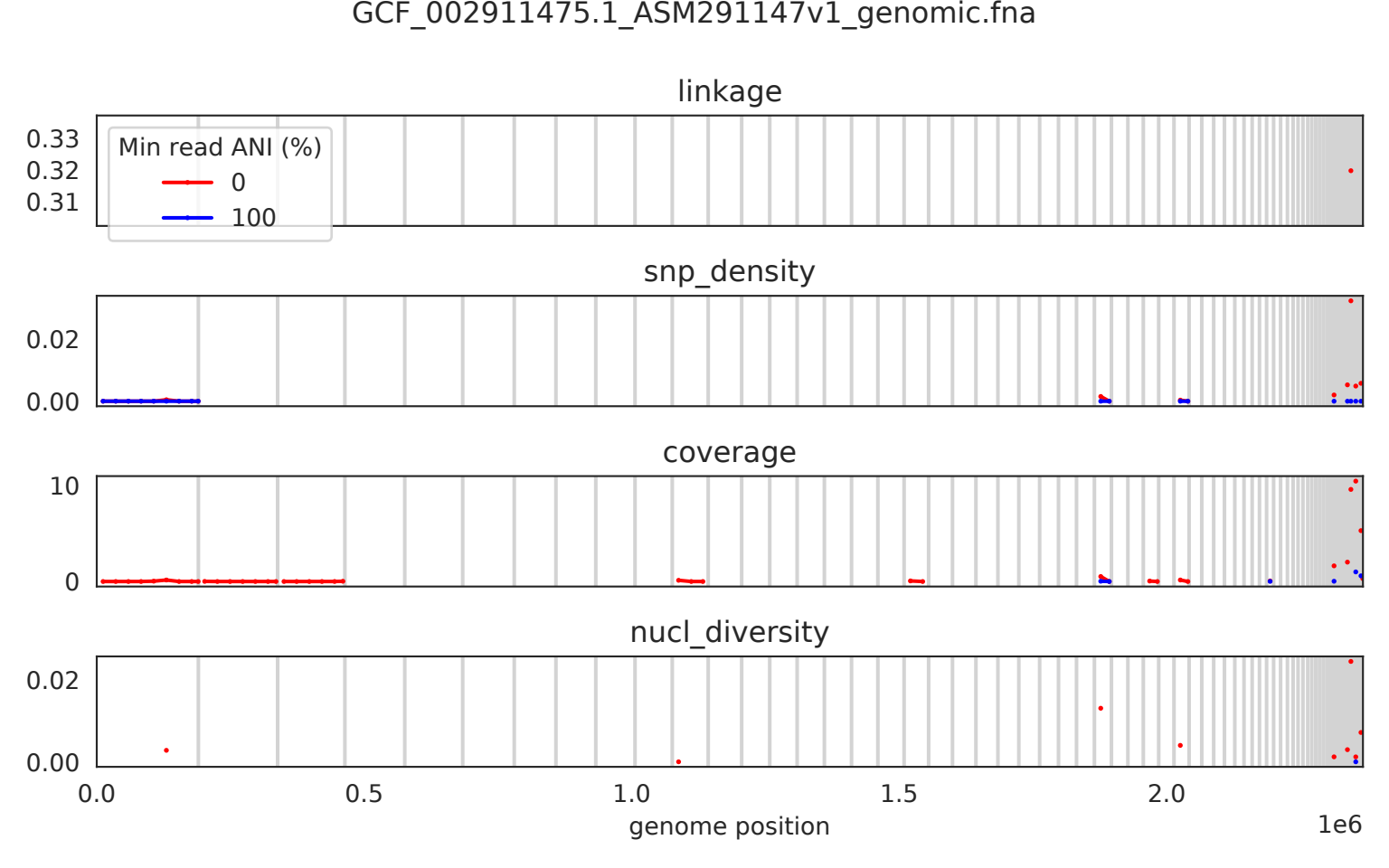

GCF_002706745.1_ASM270674v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.010
0.008
0.006
0.004
0.002
0.000
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

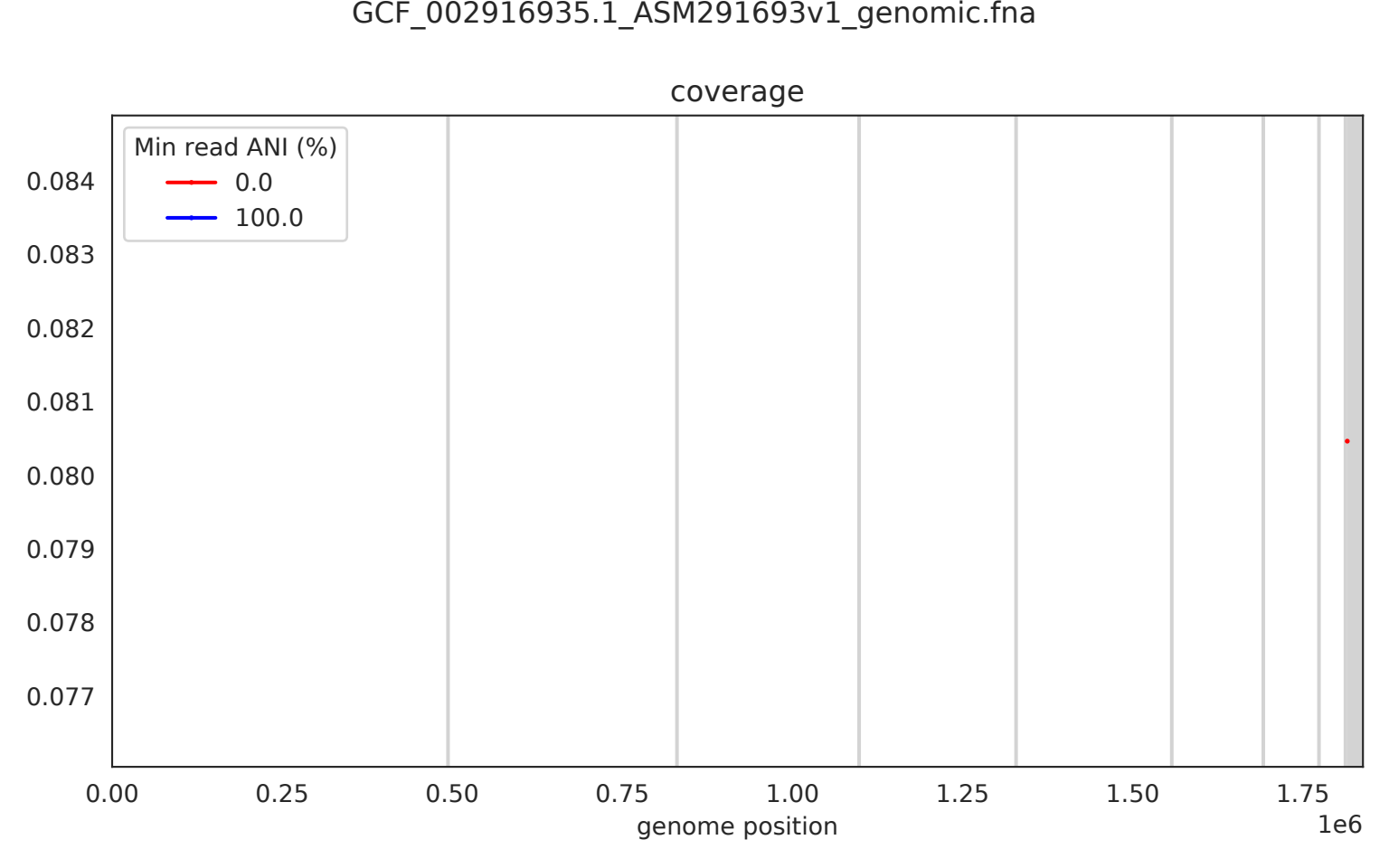

GCF_002849895.1_ASM284989v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.012
0.010
0.008
0.006
0.004
0.002
0.000
0.0
0.5
1.0
1.5
2.0
genome position
1e6

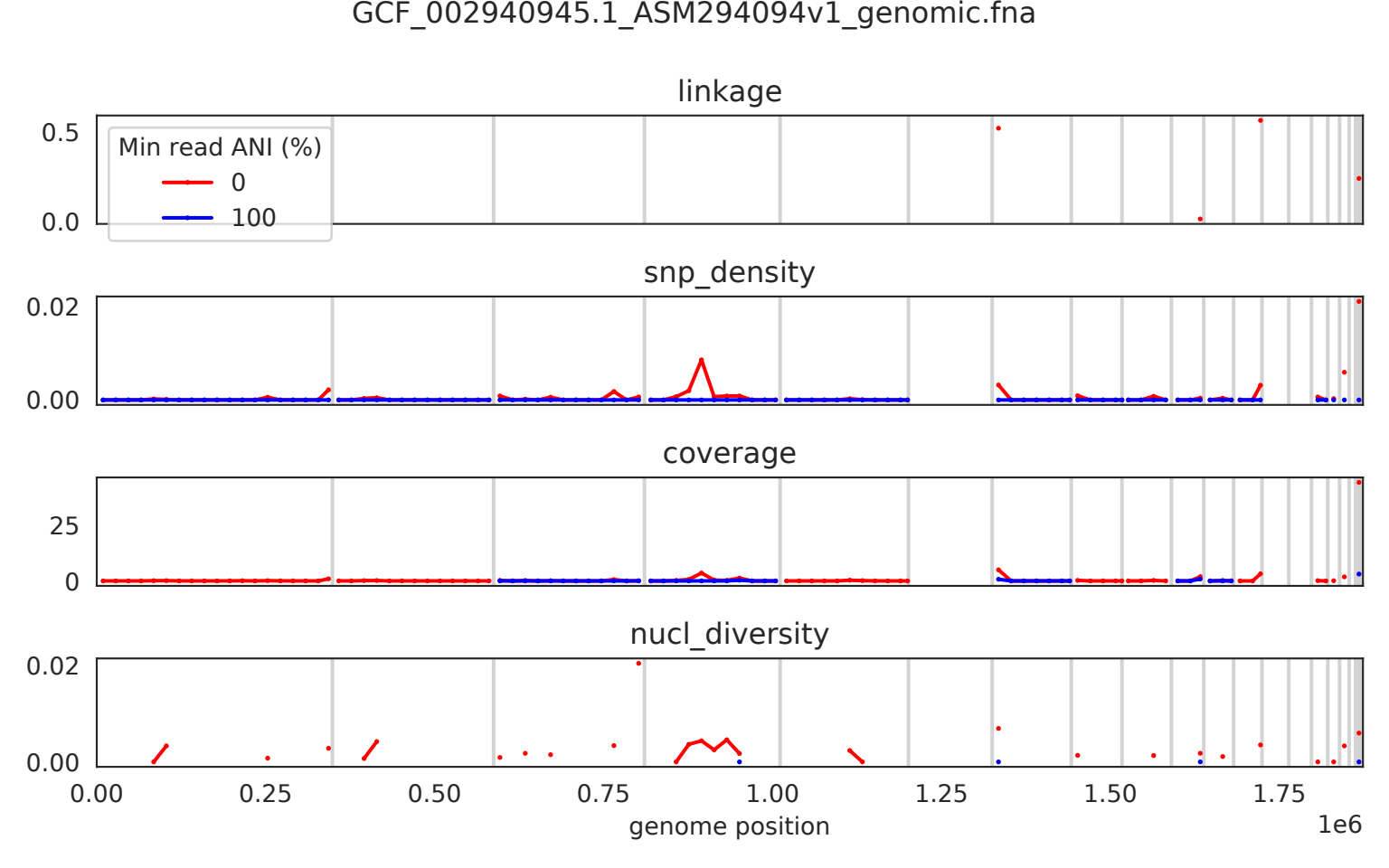

GCF_002871555.1_ASM287155v1_genomic.fna
linkage
0.5
0.0
Min read ANI (%)
0
100
snp_density
0.01
0.00
coverage
20
0
nucl_diversity
0.01
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

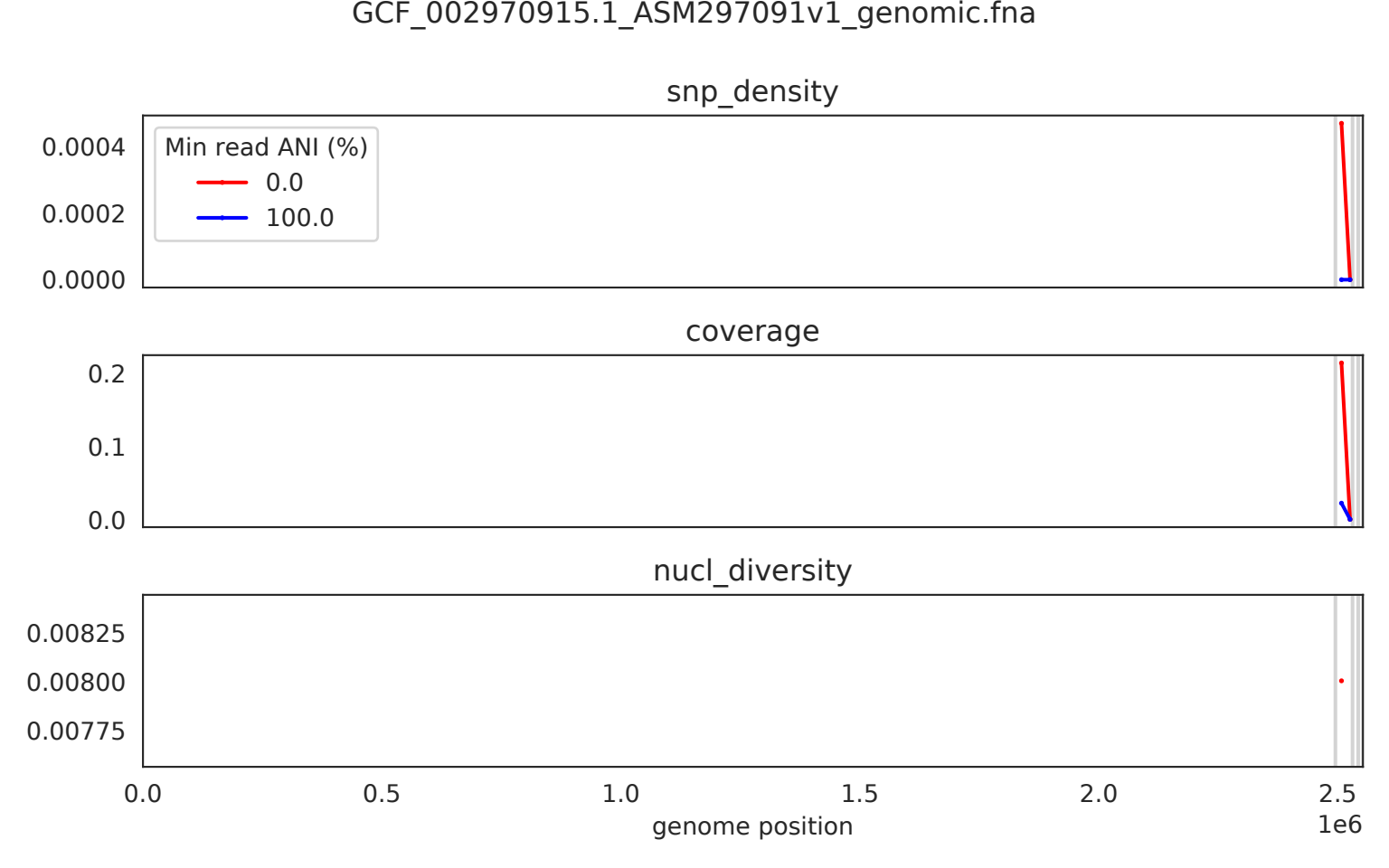

GCF_002872255.1_ASM287225v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.12
0.10
0.08
0.06
0.04
nucl_diversity
0.0060
0.0058
0.0056
0.0054
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

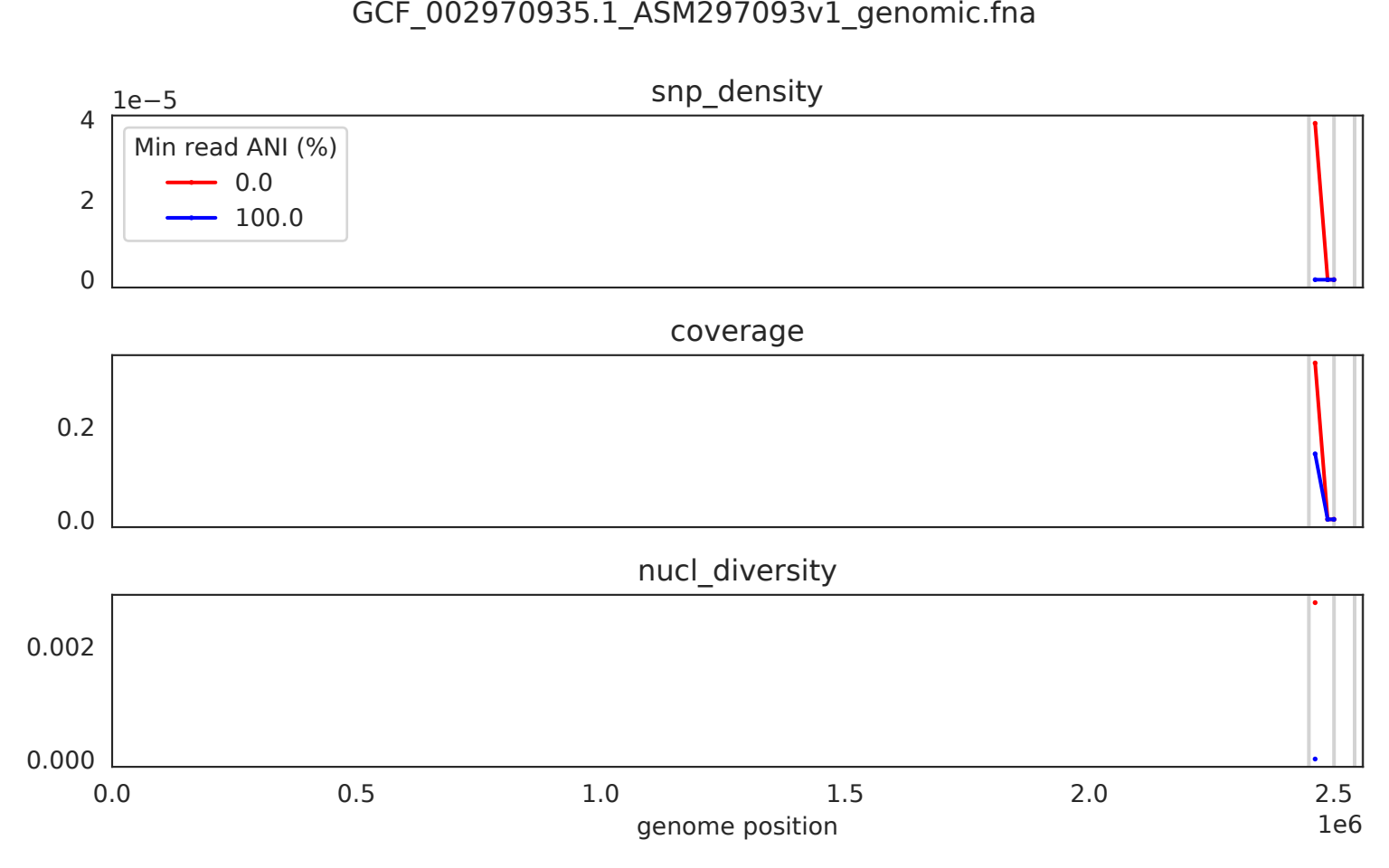

GCF_002907375.1_ASM290737v1_genomic.fna
snp_density
0.0004
0.0002
0.0000
Min read ANI (%)
0.0
100.0
coverage
0.50
0.25
0.00
nucl_diversity
0.0010
0.0005
0.0000
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
genome position
1e6

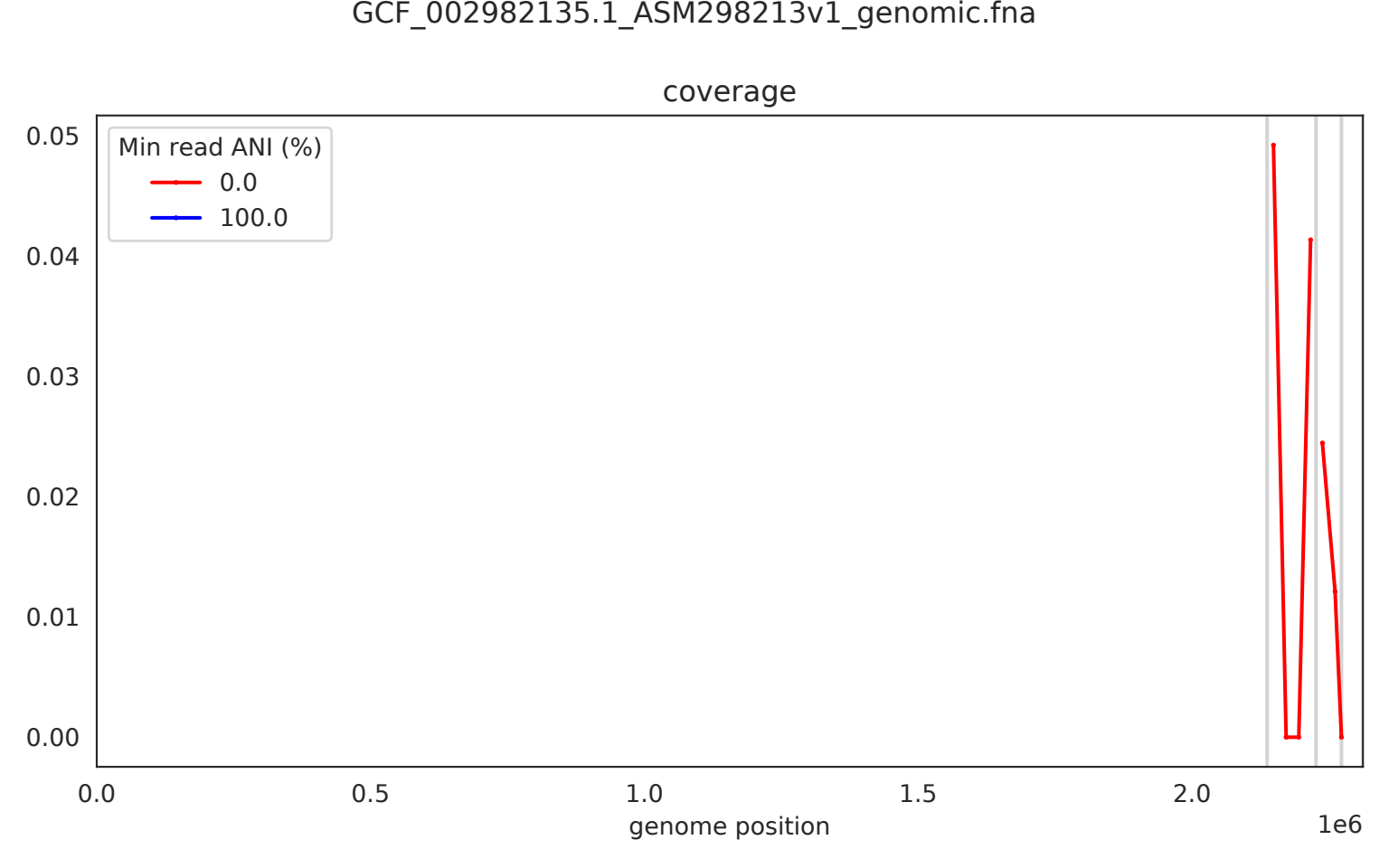

GCF_002911475.1_ASM291147v1_genomic.fna
linkage
Min read ANI (%)
0
100
0.33
0.32
0.31
snp_density
0.02
0.00
coverage
10
0
nucl_diversity
0.02
0.00
0.0
0.5
1.0
1.5
2.0
genome position
1e6

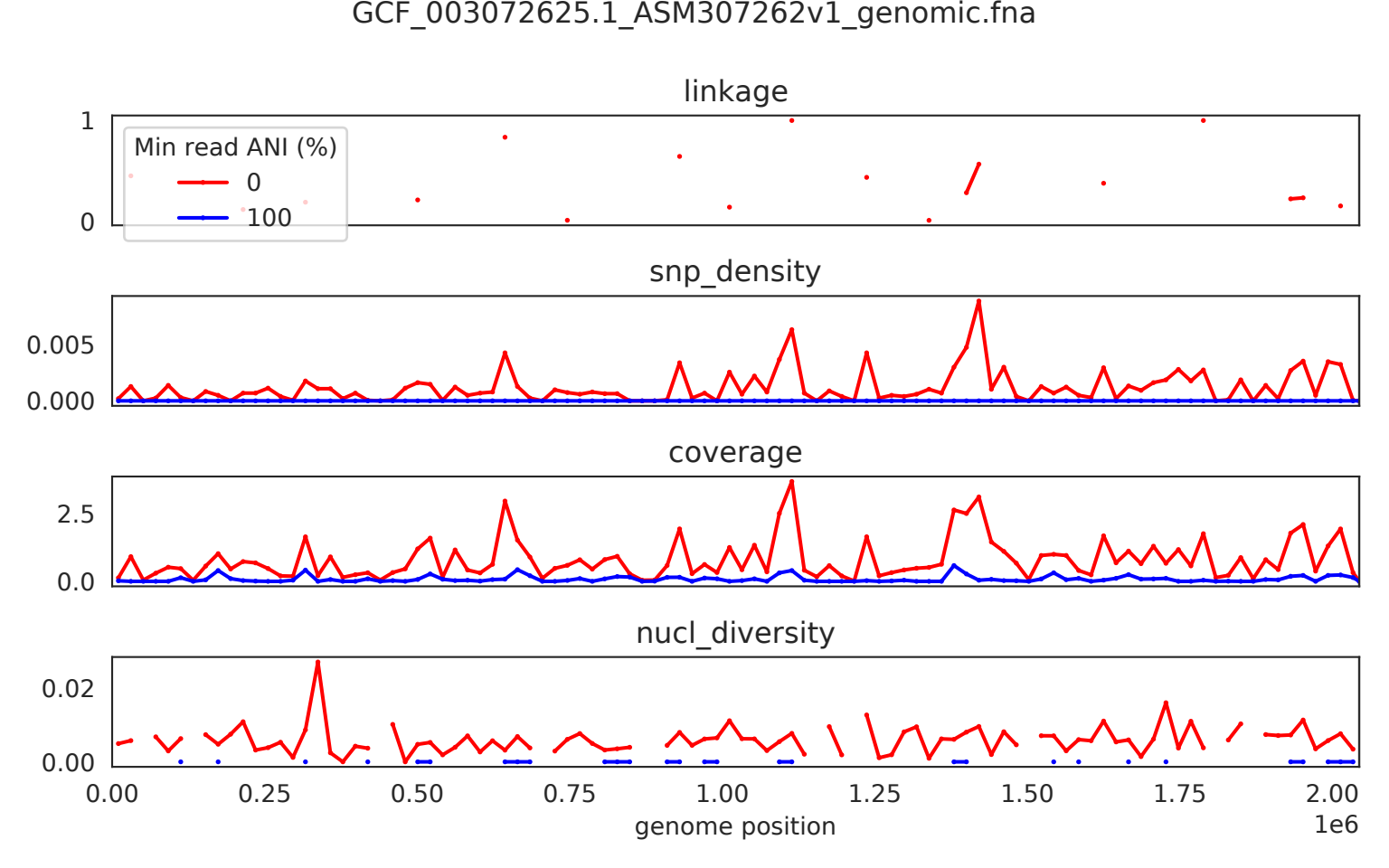

GCF_002916935.1_ASM291693v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.084
0.083
0.082
0.081
0.080
0.079
0.078
0.077
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

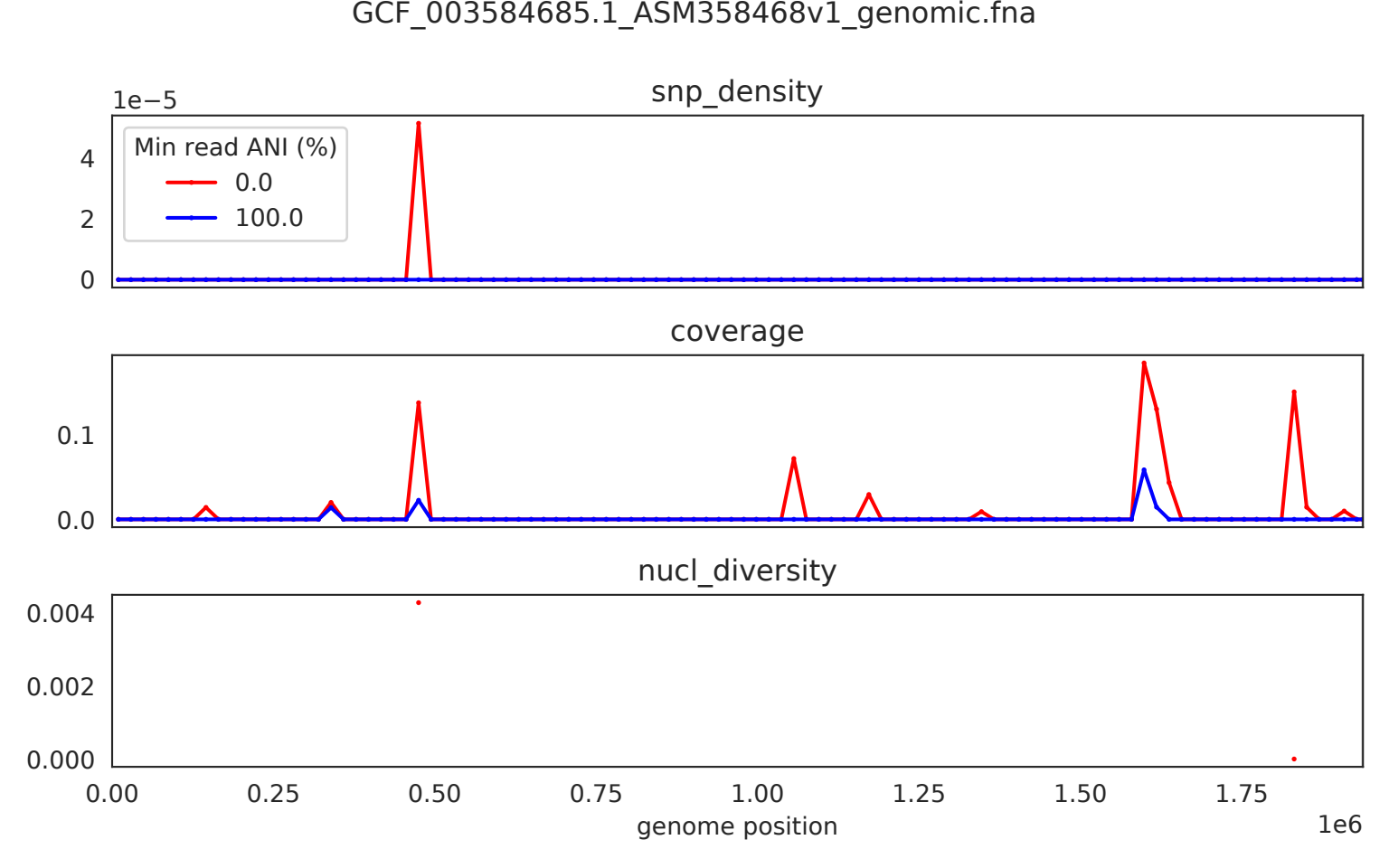

GCF_002940945.1_ASM294094v1_genomic.fna
linkage
Min read ANI (%)
0
100
0.5
0.0
snp_density
0.02
0.00
coverage
25
0
nucl_diversity
0.02
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

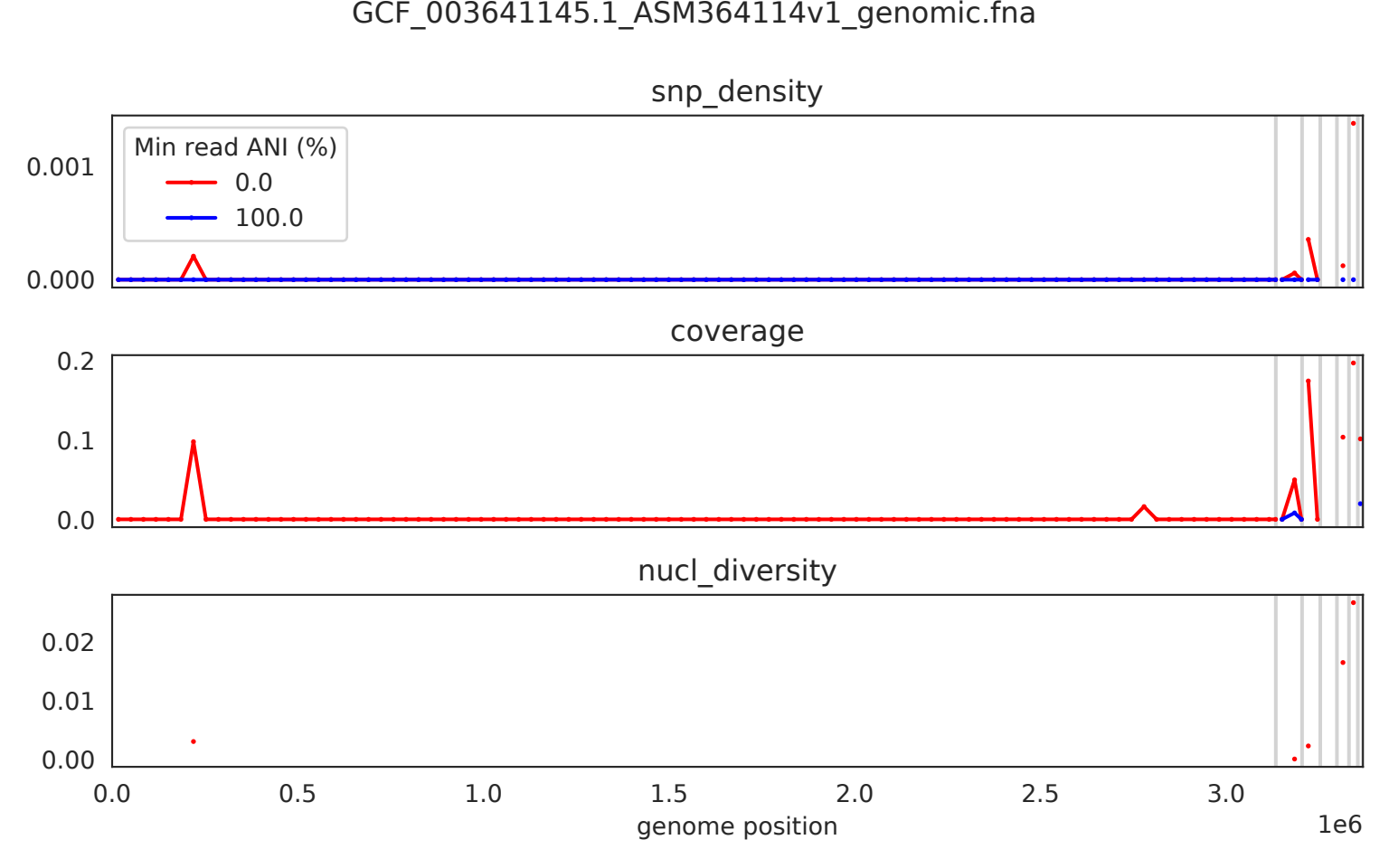

GCF_002970915.1_ASM297091v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0004
0.0002
0.0000
coverage
0.2
0.1
0.0
nucl_diversity
0.00825
0.00800
0.00775
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

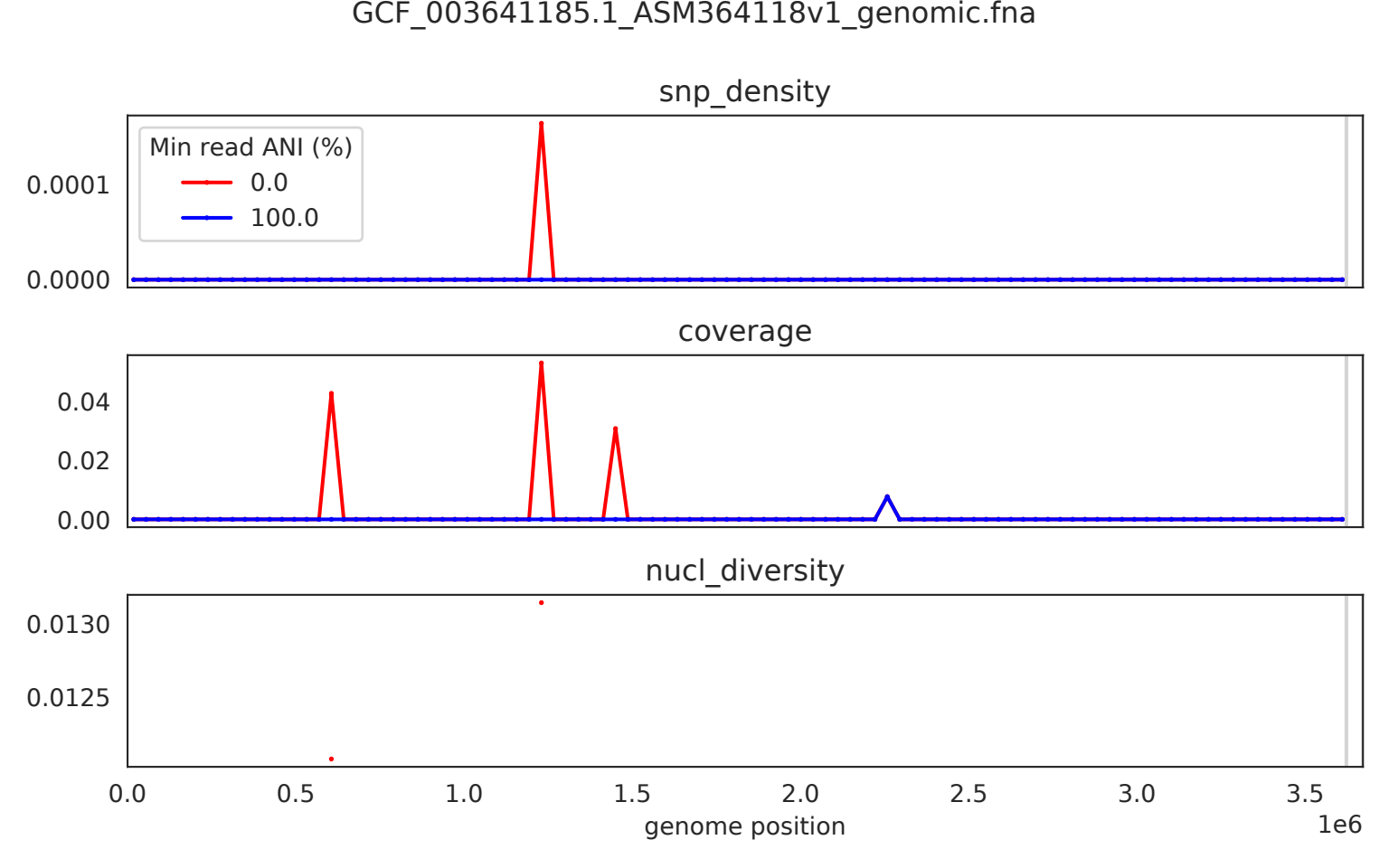

GCF_002970935.1_ASM297093v1_genomic.fna
snp_density
1e−5
4
2
0
Min read ANI (%)
0.0
100.0
coverage
0.2
0.0
nucl_diversity
0.002
0.000
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

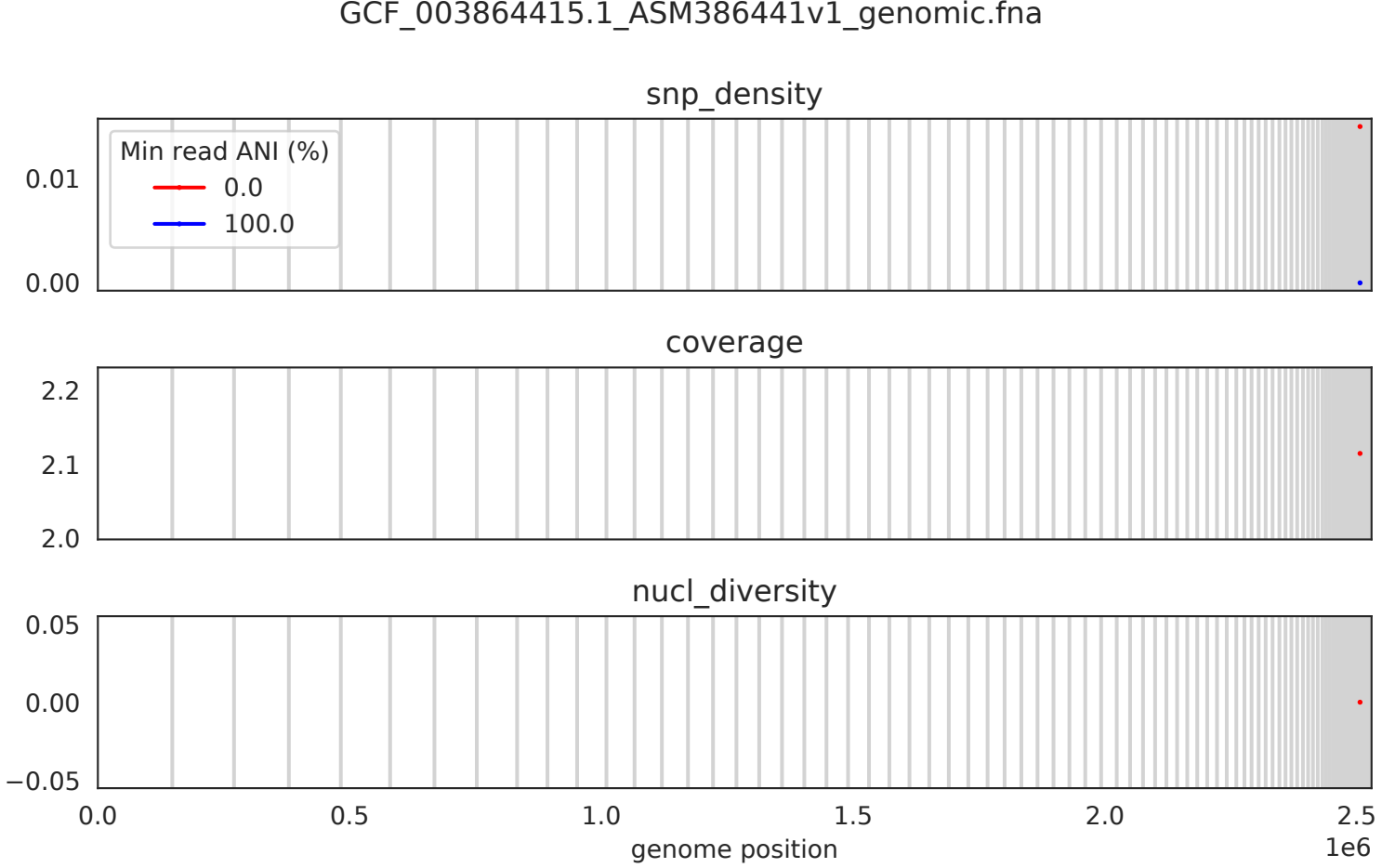

GCF_002982135.1_ASM298213v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.05
0.04
0.03
0.02
0.01
0.00
0.0
0.5
1.0
1.5
2.0
genome position
1e6

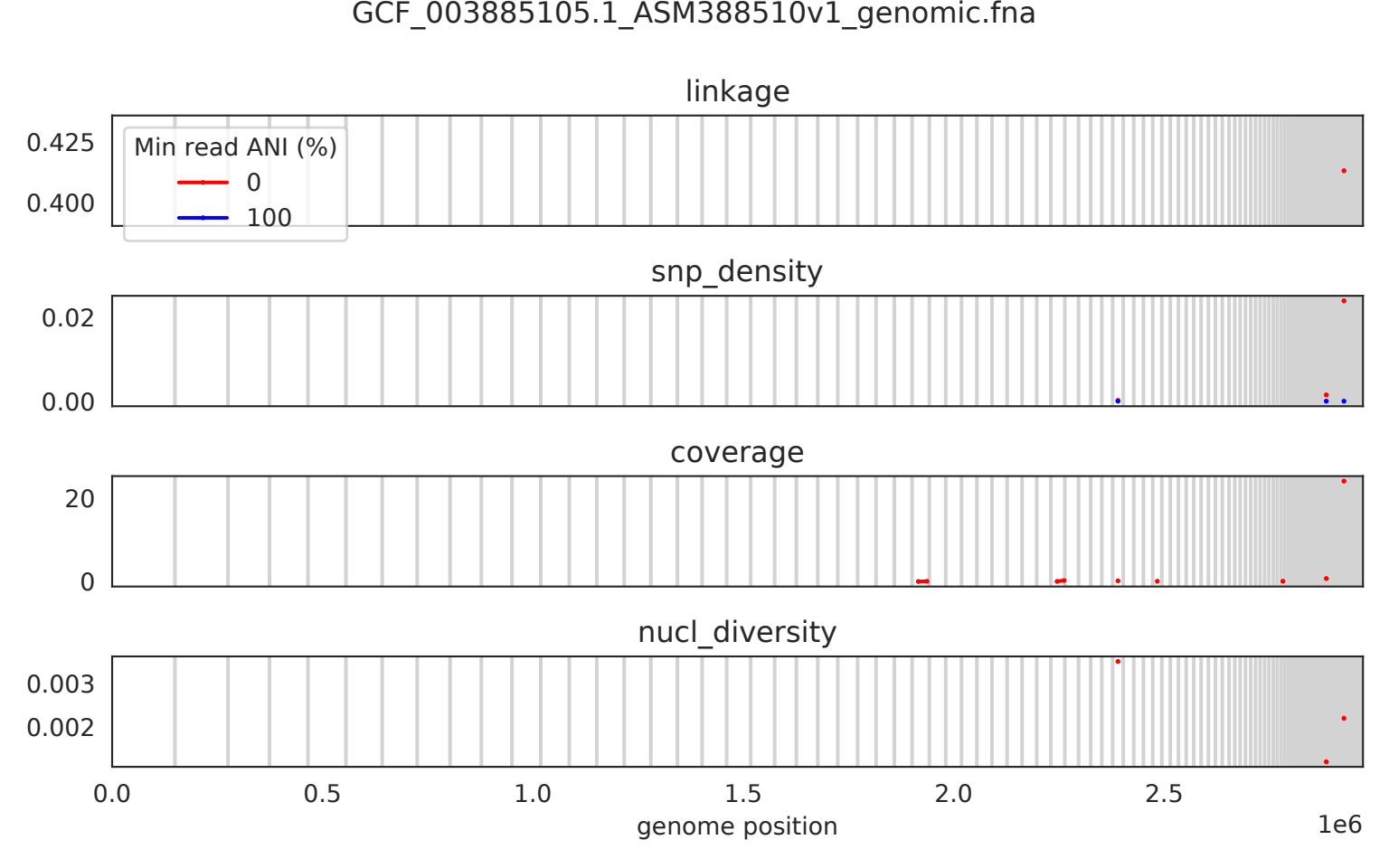

GCF_003072625.1_ASM307262v1_genomic.fna
linkage
1
0
Min read ANI (%)
0
100
snp_density
0.005
0.000
coverage
2.5
0.0
nucl_diversity
0.02
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

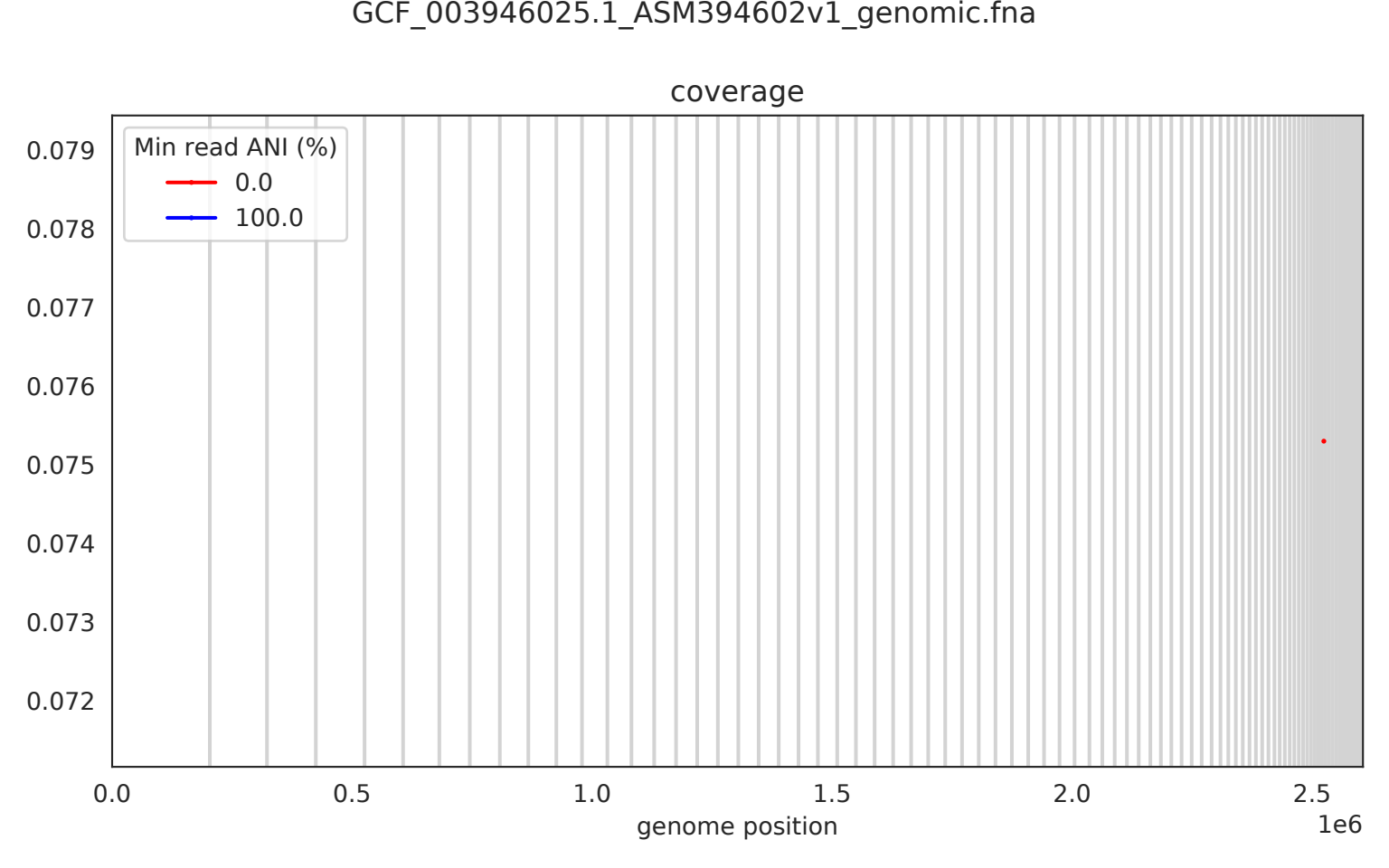

GCF_003584685.1_ASM358468v1_genomic.fna
snp_density
1e−5
Min read ANI (%)
0.0
100.0
4
2
0
coverage
0.1
0.0
nucl_diversity
0.004
0.002
0.000
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

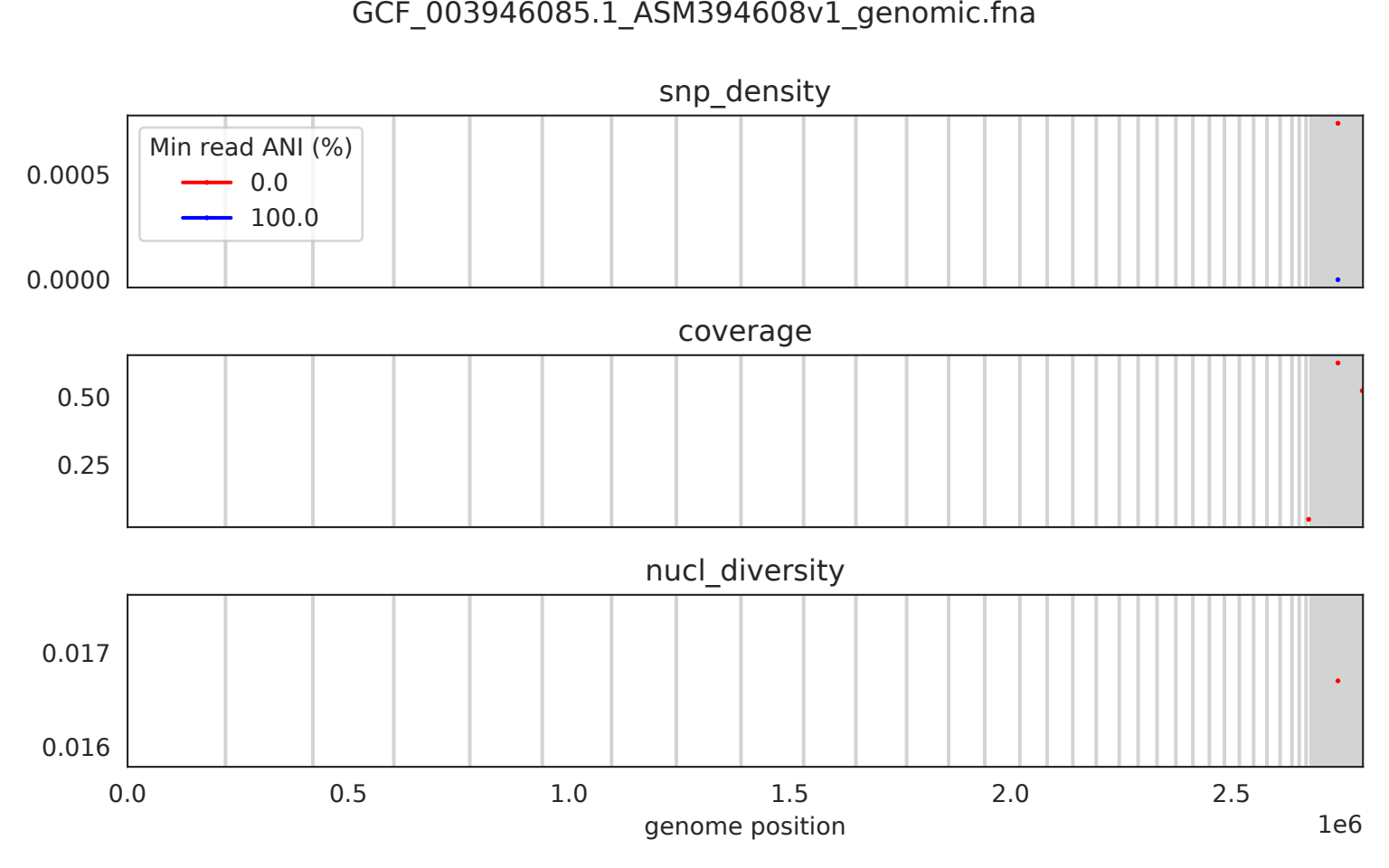

GCF_003641145.1_ASM364114v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.001
0.000
coverage
0.2
0.1
0.0
nucl_diversity
0.02
0.01
0.00
0.0
0.5
1.0
1.5
2.0
2.5
3.0
genome position
1e6

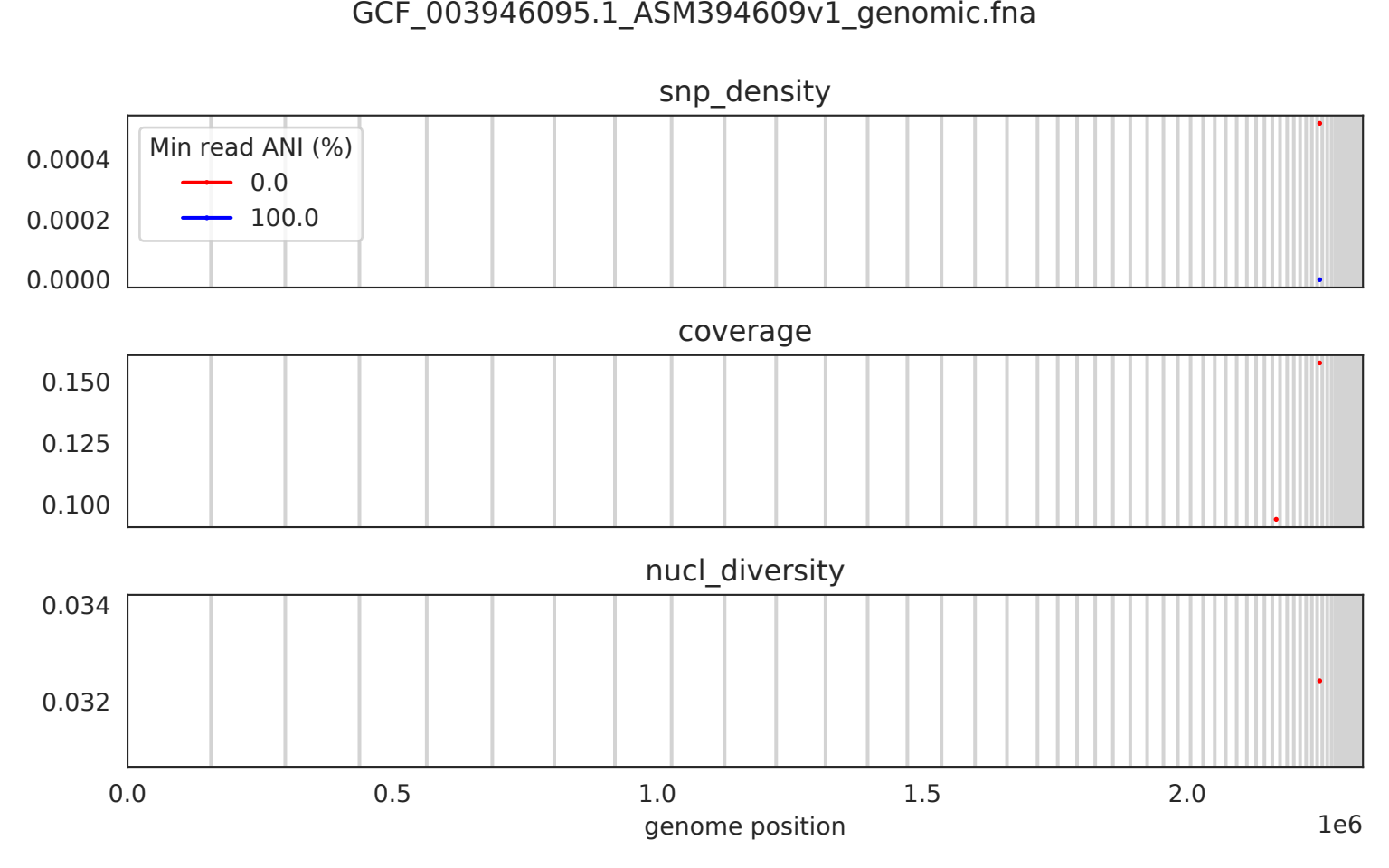

GCF_003641185.1_ASM364118v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0001
0.0000
coverage
0.04
0.02
0.00
nucl_diversity
0.0130
0.0125
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
genome position
1e6

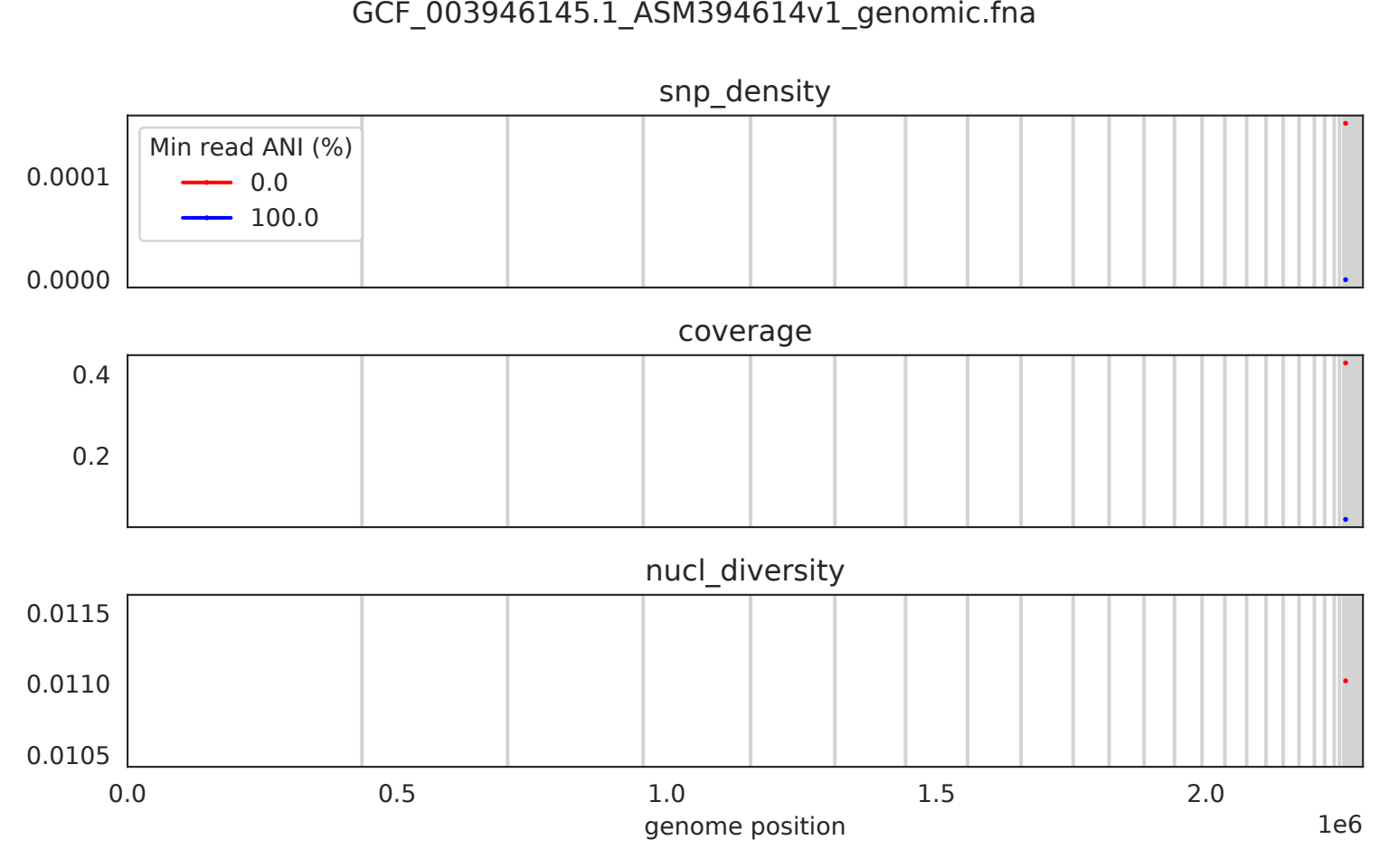

GCF_003864415.1_ASM386441v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.01
0.00
coverage
2.2
2.1
2.0
nucl_diversity
0.05
0.00
−0.05
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

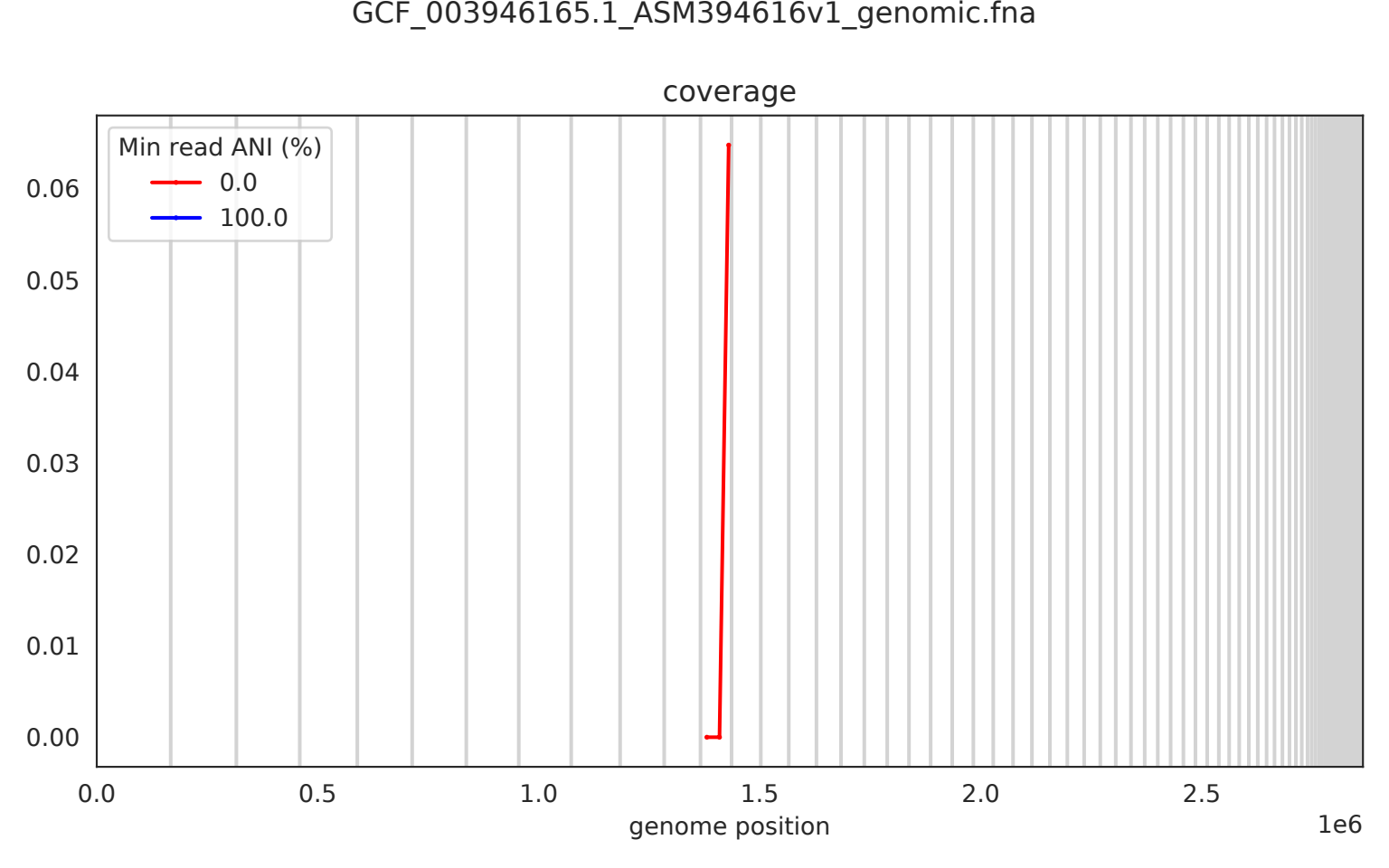

GCF_003885105.1_ASM388510v1_genomic.fna
linkage
0.425
0.400
Min read ANI (%)
0
100
snp_density
0.02
0.00
coverage
20
0
nucl_diversity
0.003
0.002
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

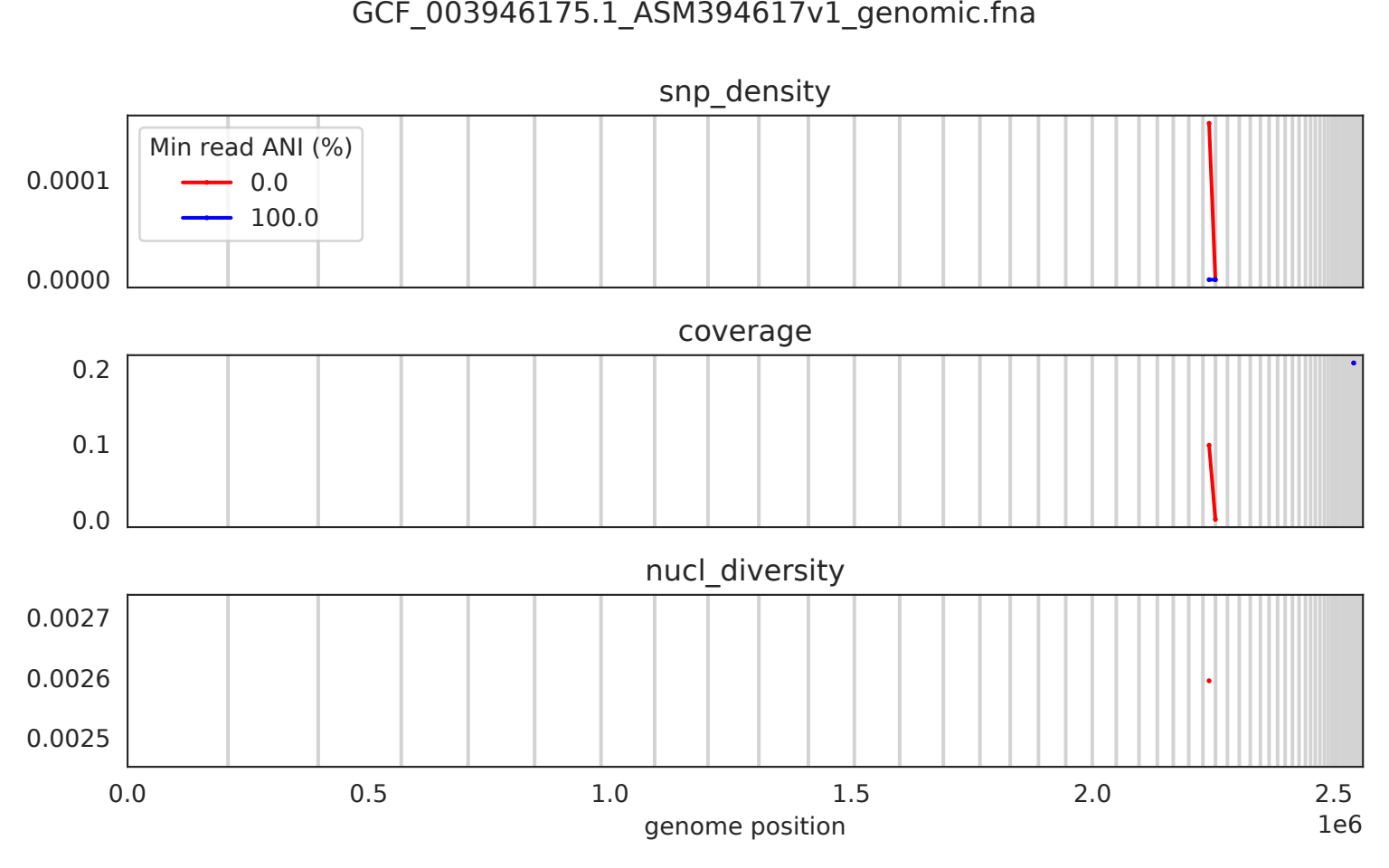

GCF_003946025.1_ASM394602v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.079
0.078
0.077
0.076
0.075
0.074
0.073
0.072
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

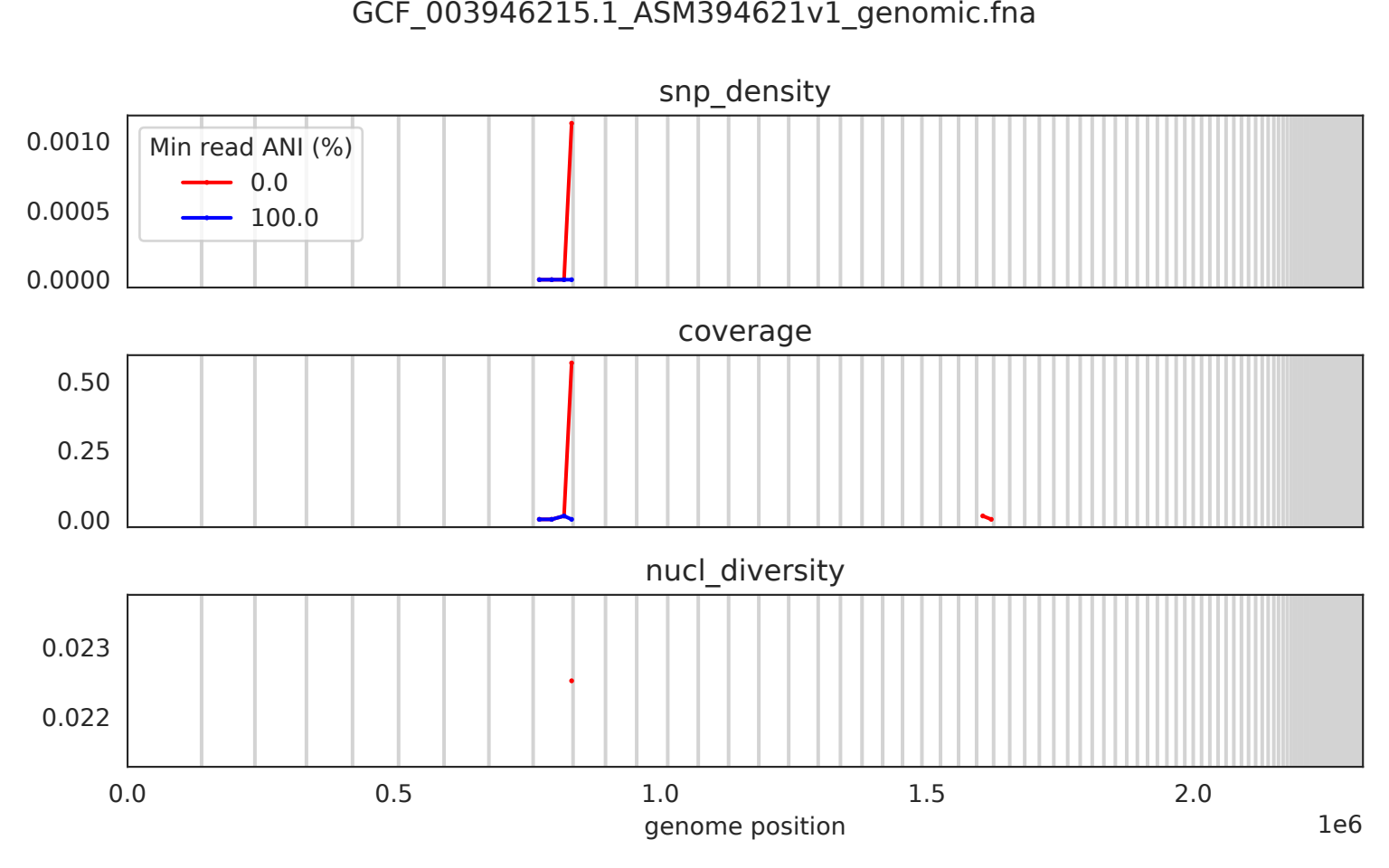

GCF_003946085.1_ASM394608v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0005
0.0000
coverage
0.50
0.25
nucl_diversity
0.017
0.016
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

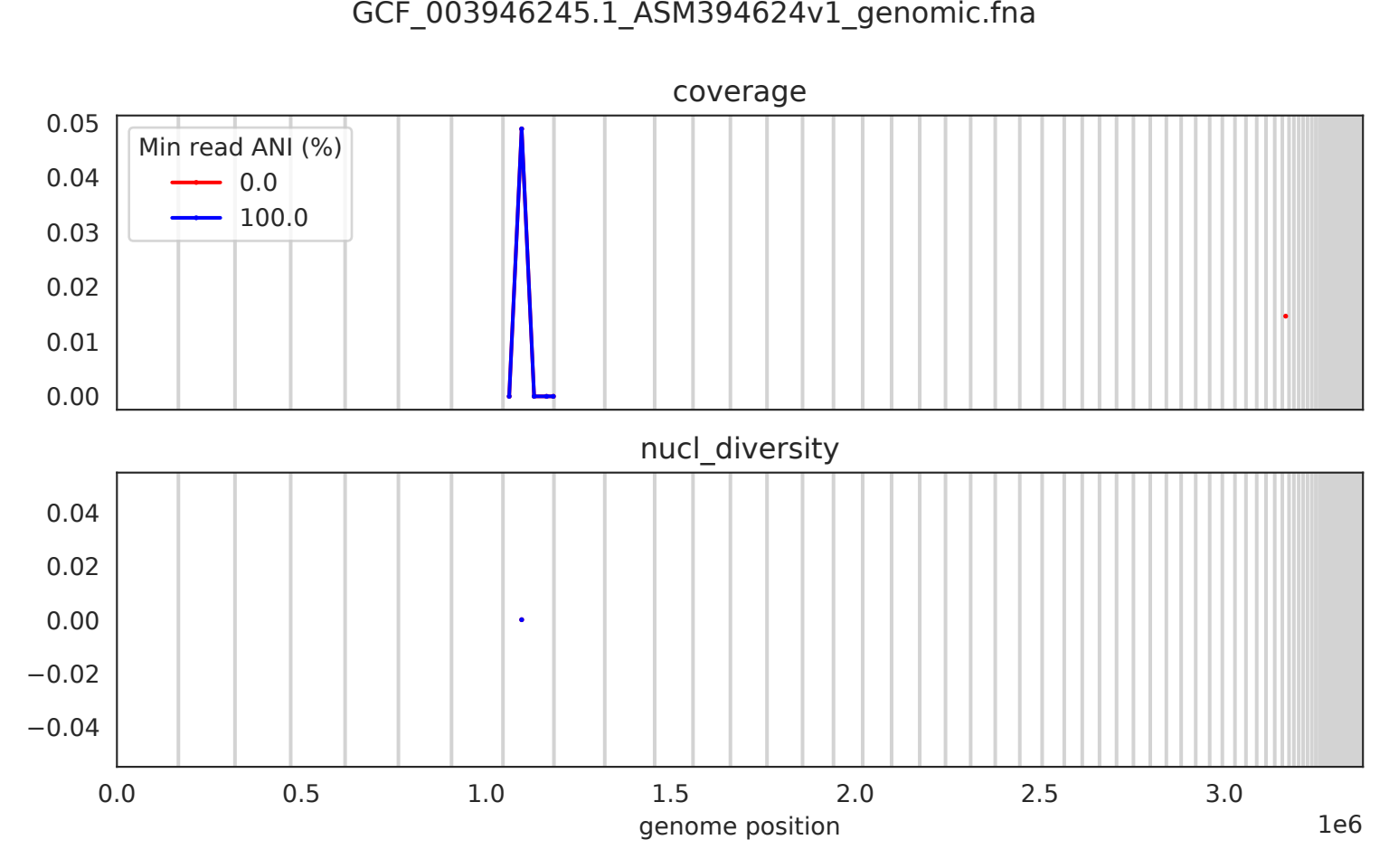

GCF_003946095.1_ASM394609v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0004
0.0002
0.0000
coverage
0.150
0.125
0.100
nucl_diversity
0.034
0.032
0.0
0.5
1.0
1.5
2.0
genome position
1e6

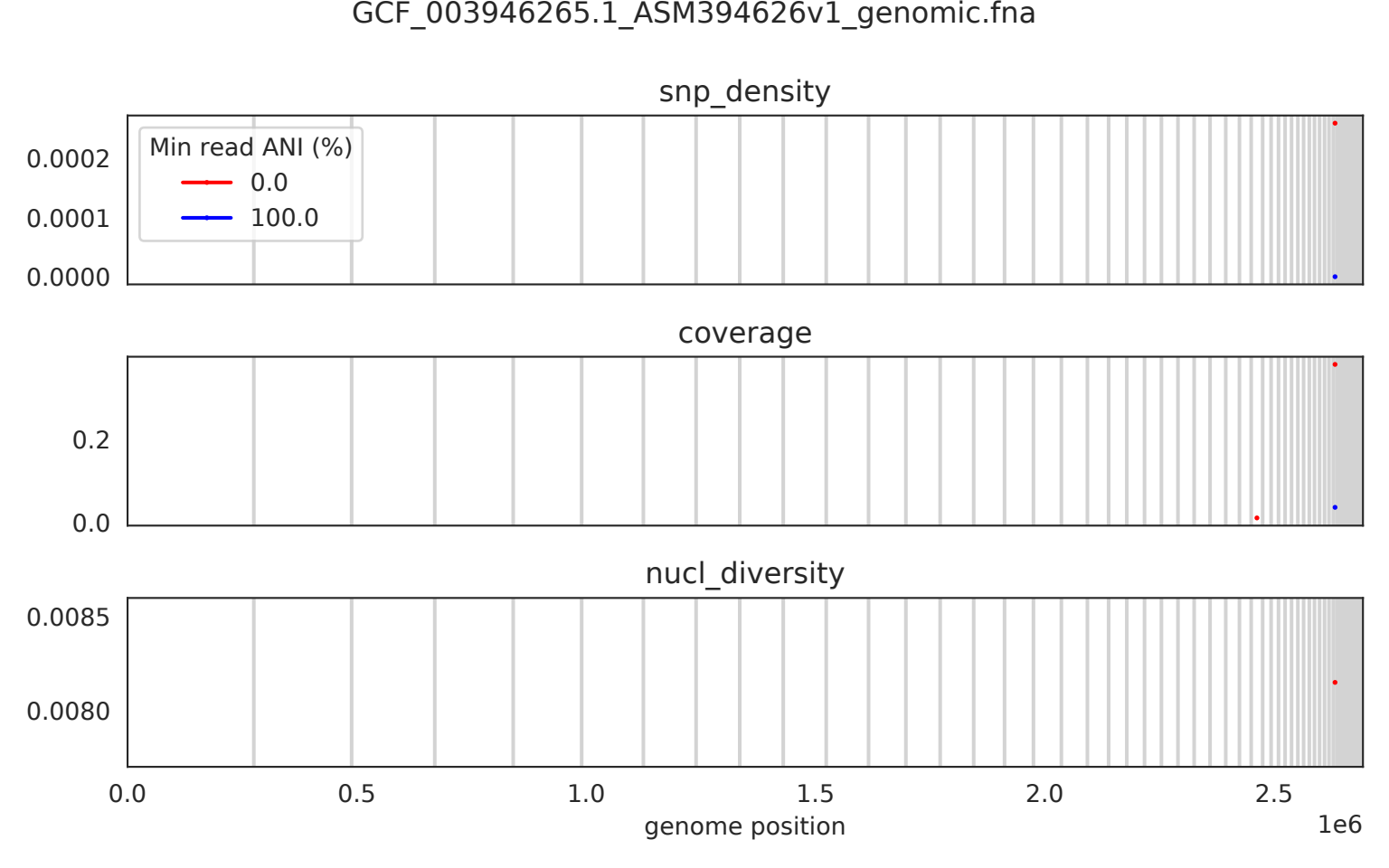

GCF_003946145.1_ASM394614v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0001
0.0000
coverage
0.4
0.2
nucl_diversity
0.0115
0.0110
0.0105
0.0
0.5
1.0
1.5
2.0
genome position
1e6

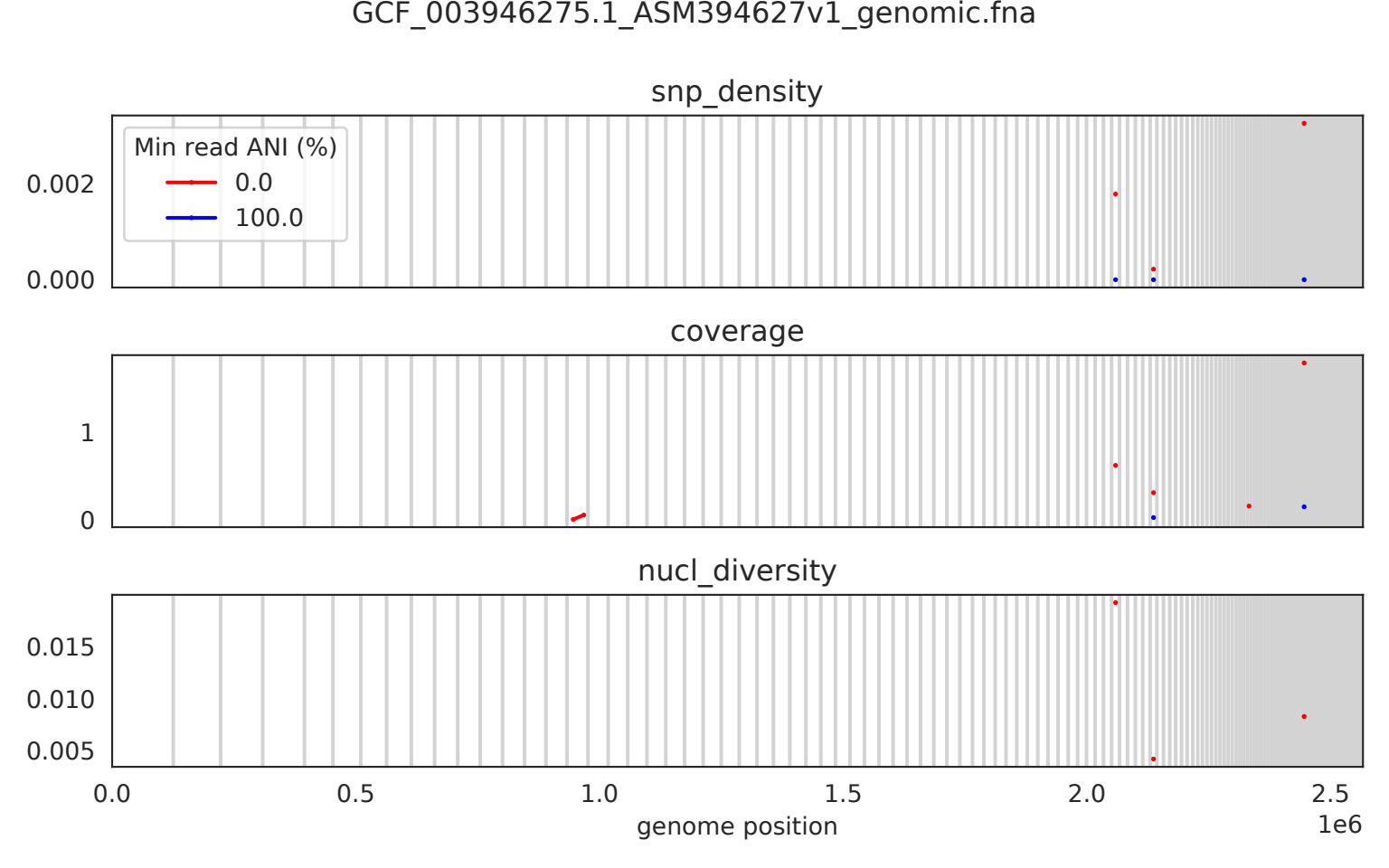

GCF_003946165.1_ASM394616v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.06
0.05
0.04
0.03
0.02
0.01
0.00
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

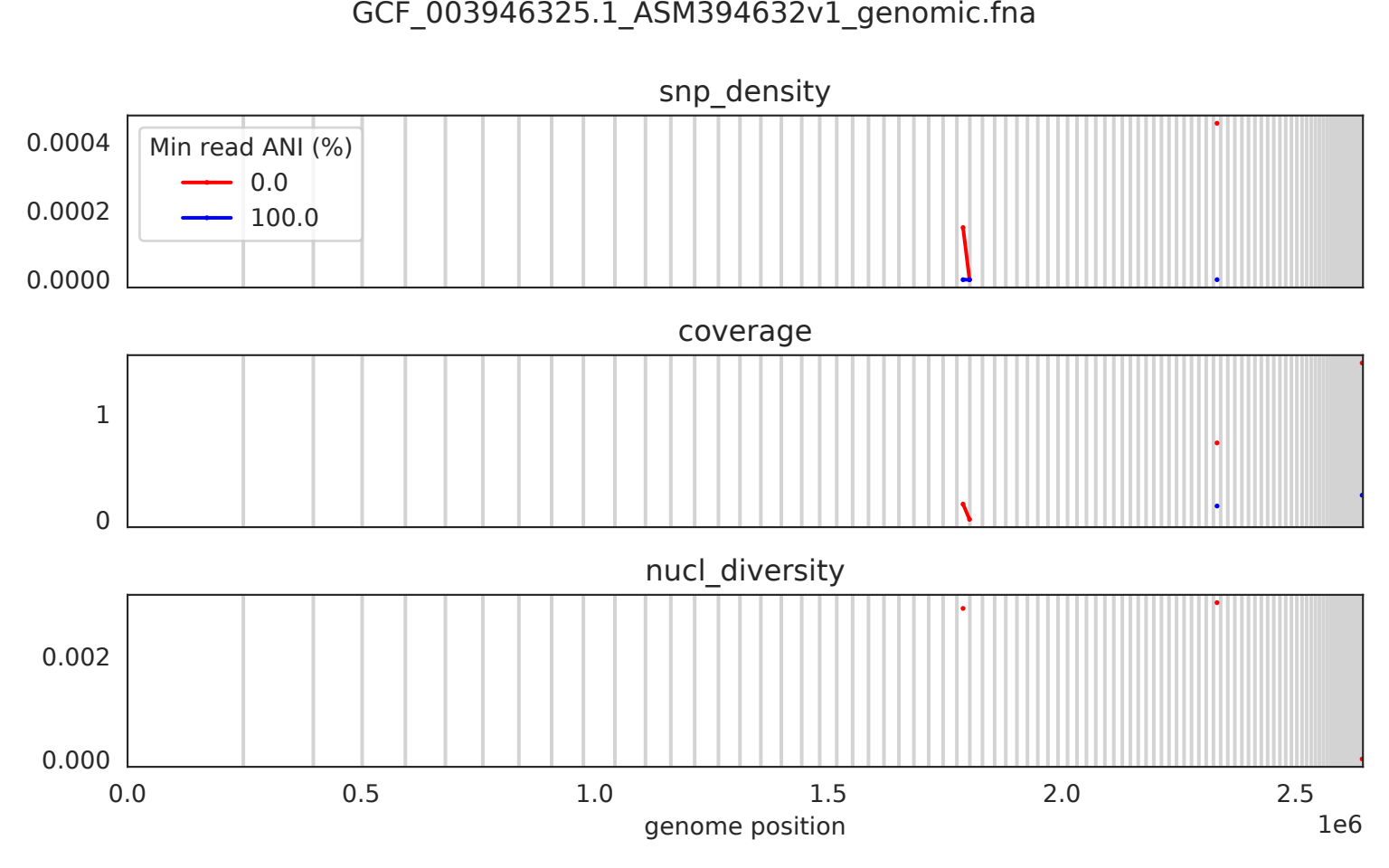

GCF_003946175.1_ASM394617v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0001
0.0000
coverage
0.2
0.1
0.0
nucl_diversity
0.0027
0.0026
0.0025
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

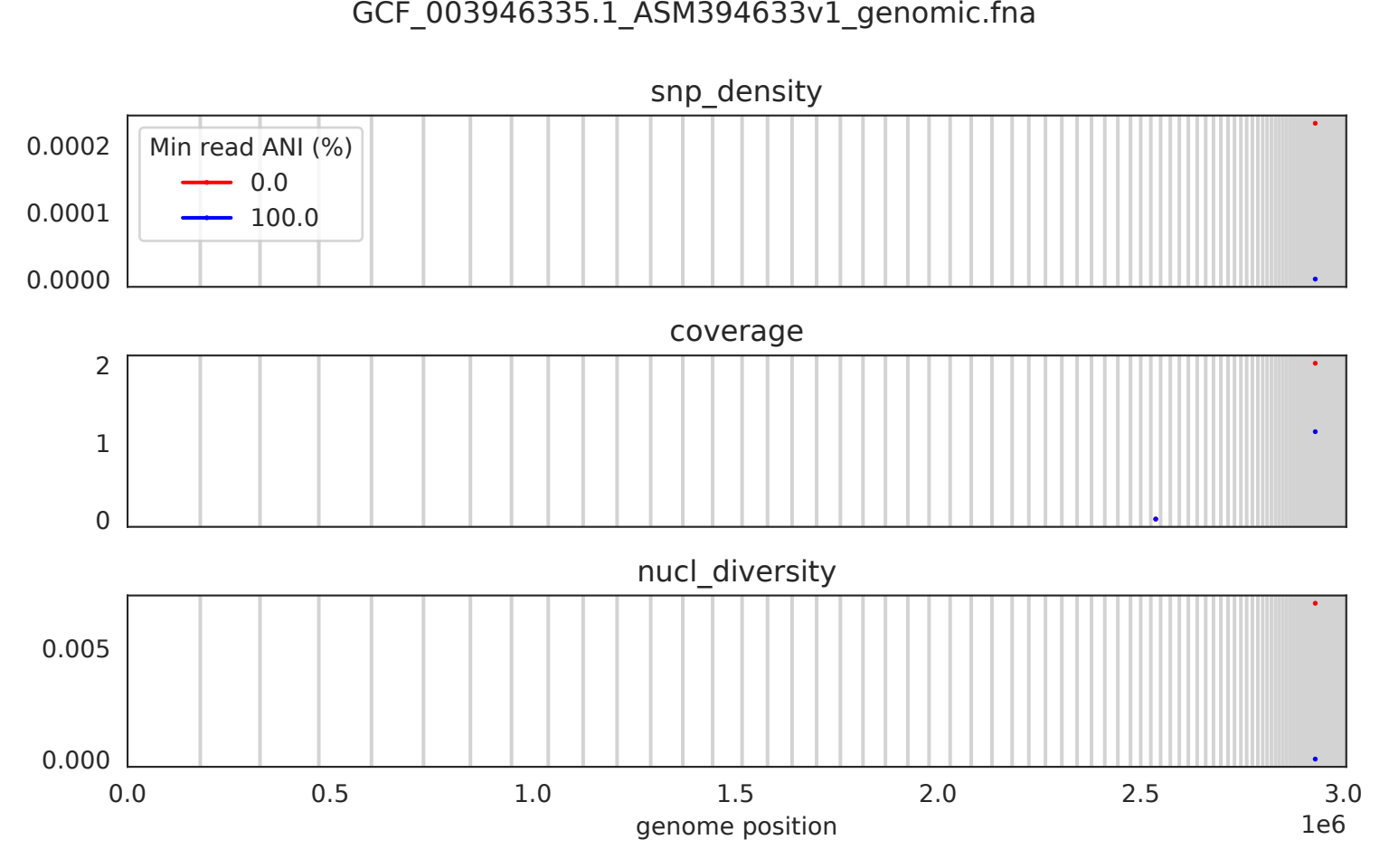

GCF_003946215.1_ASM394621v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0010
0.0005
0.0000
coverage
0.50
0.25
0.00
nucl_diversity
0.023
0.022
0.0
0.5
1.0
1.5
2.0
genome position
1e6

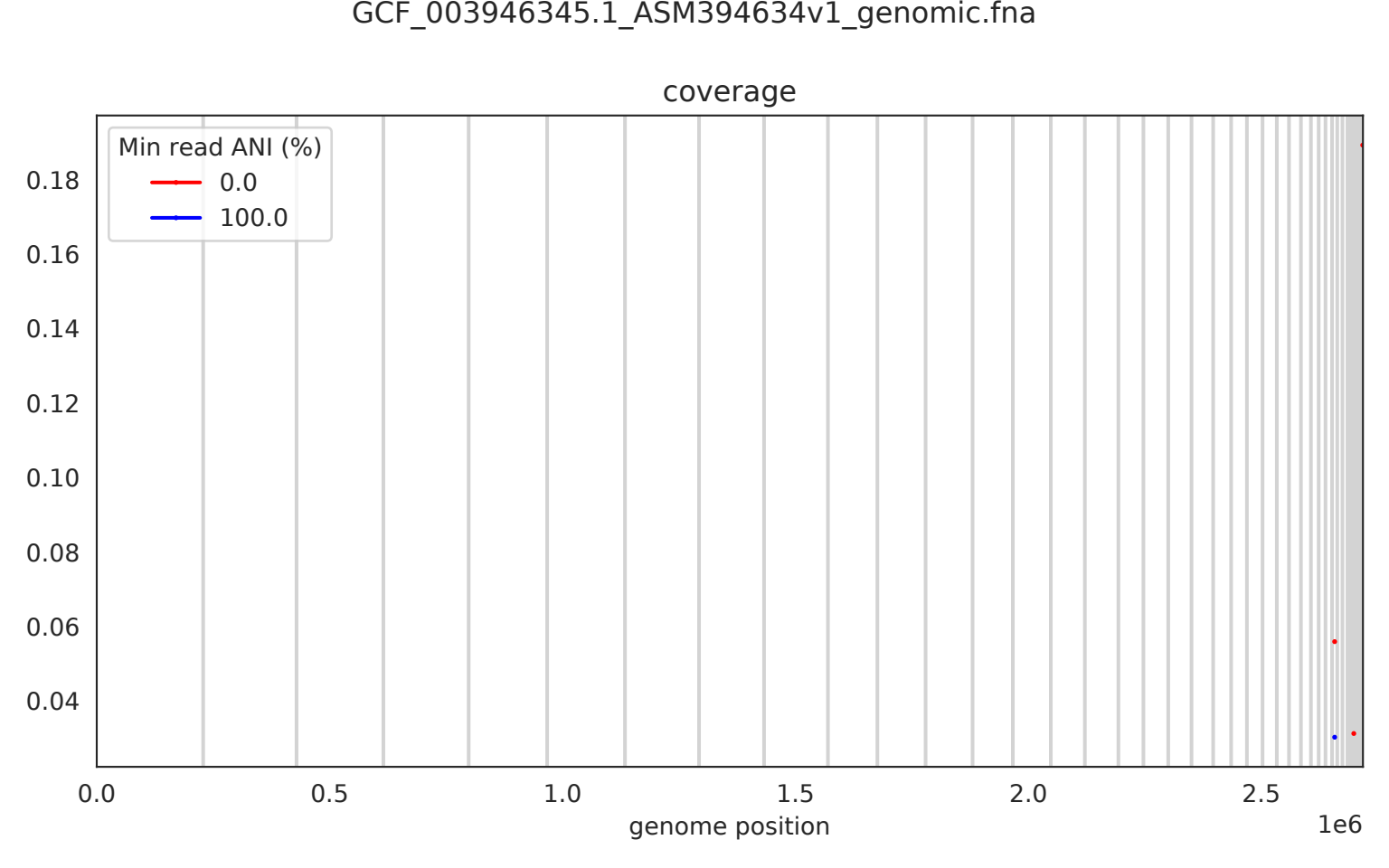

GCF_003946245.1_ASM394624v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.05
0.04
0.03
0.02
0.01
0.00
nucl_diversity
0.04
0.02
0.00
−0.02
−0.04
0.0
0.5
1.0
1.5
2.0
2.5
3.0
genome position
1e6

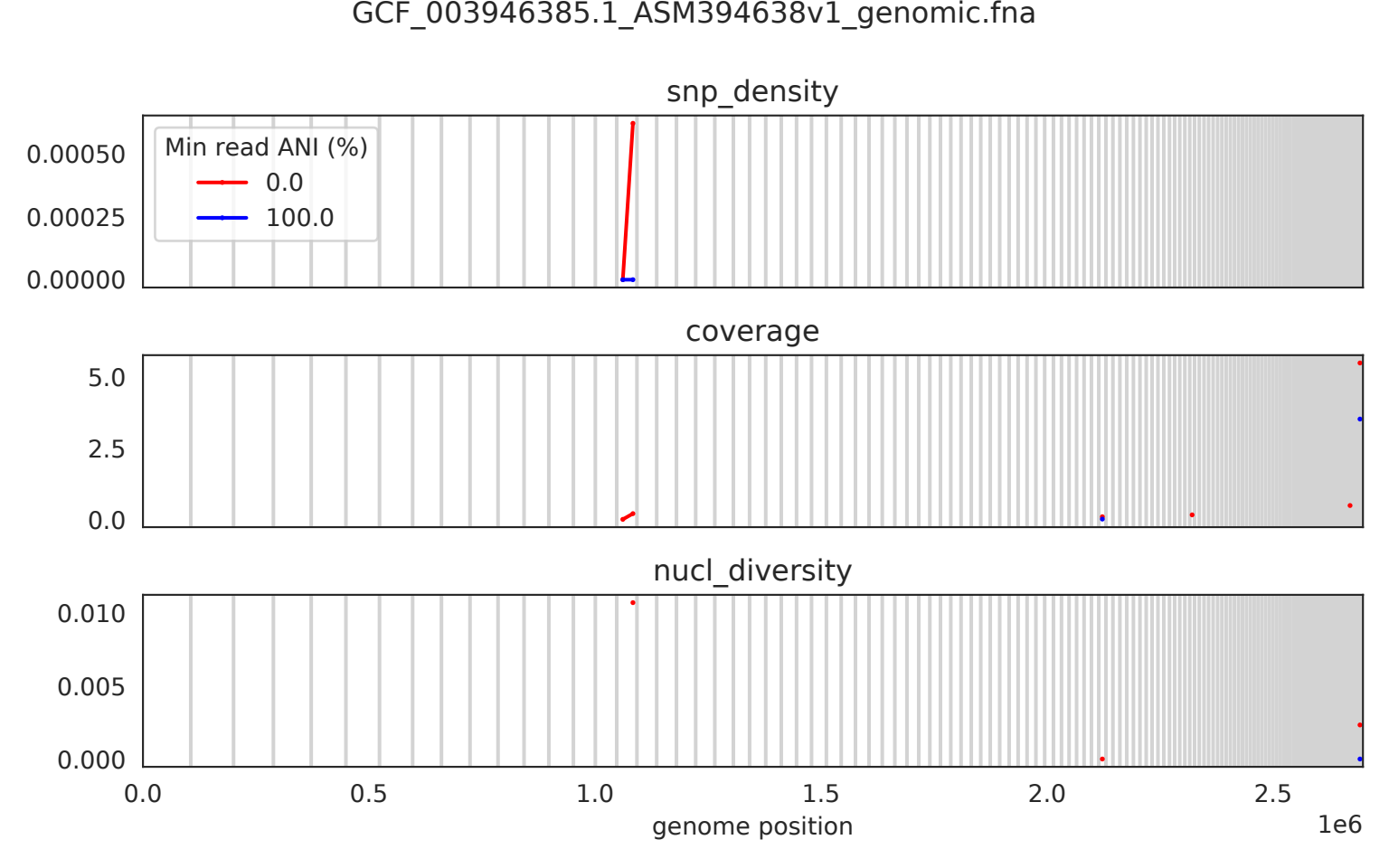

GCF_003946265.1_ASM394626v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0002
0.0001
0.0000
coverage
0.2
0.0
nucl_diversity
0.0085
0.0080
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

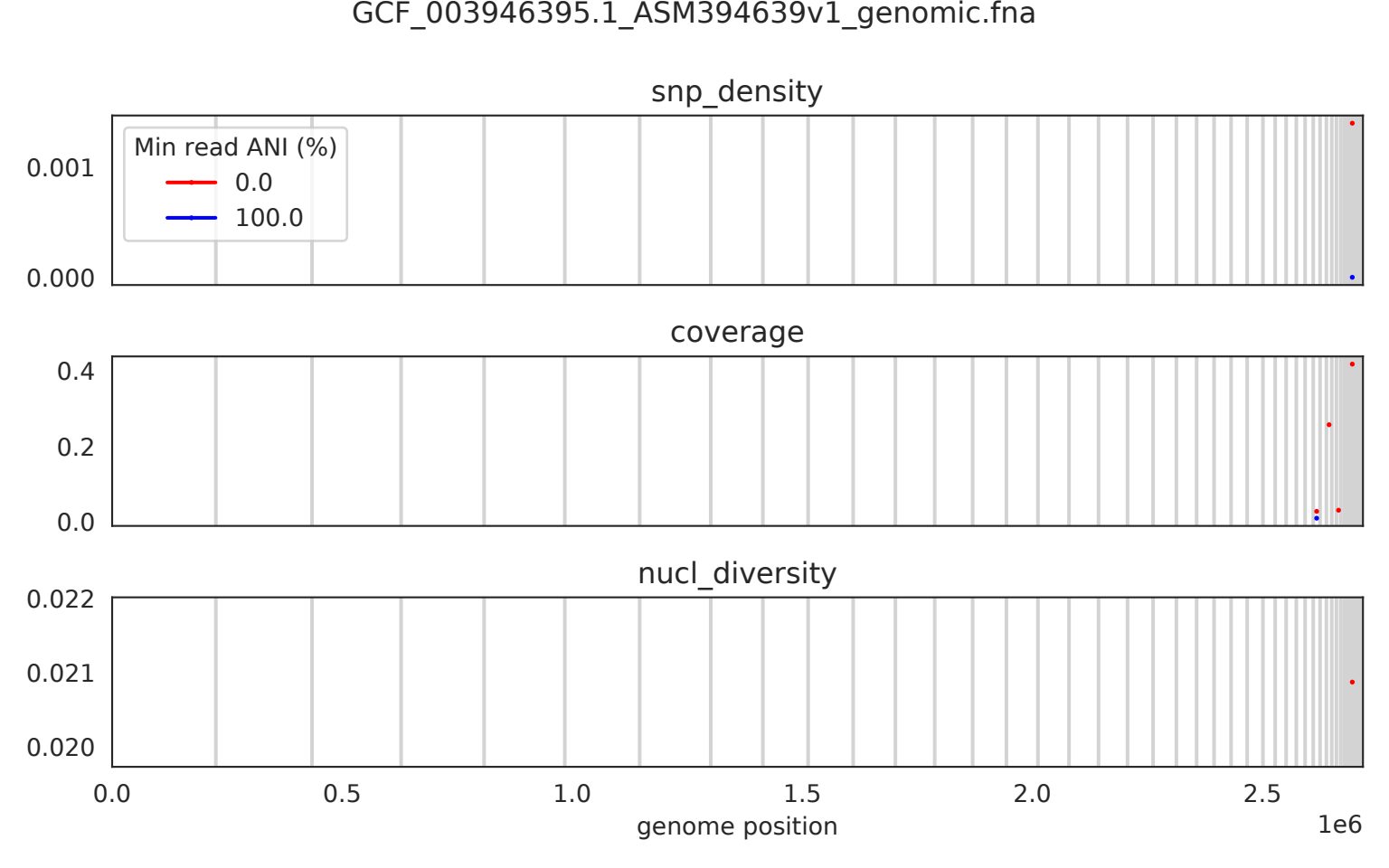

GCF_003946275.1_ASM394627v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.002
0.000
coverage
1
0
nucl_diversity
0.015
0.010
0.005
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

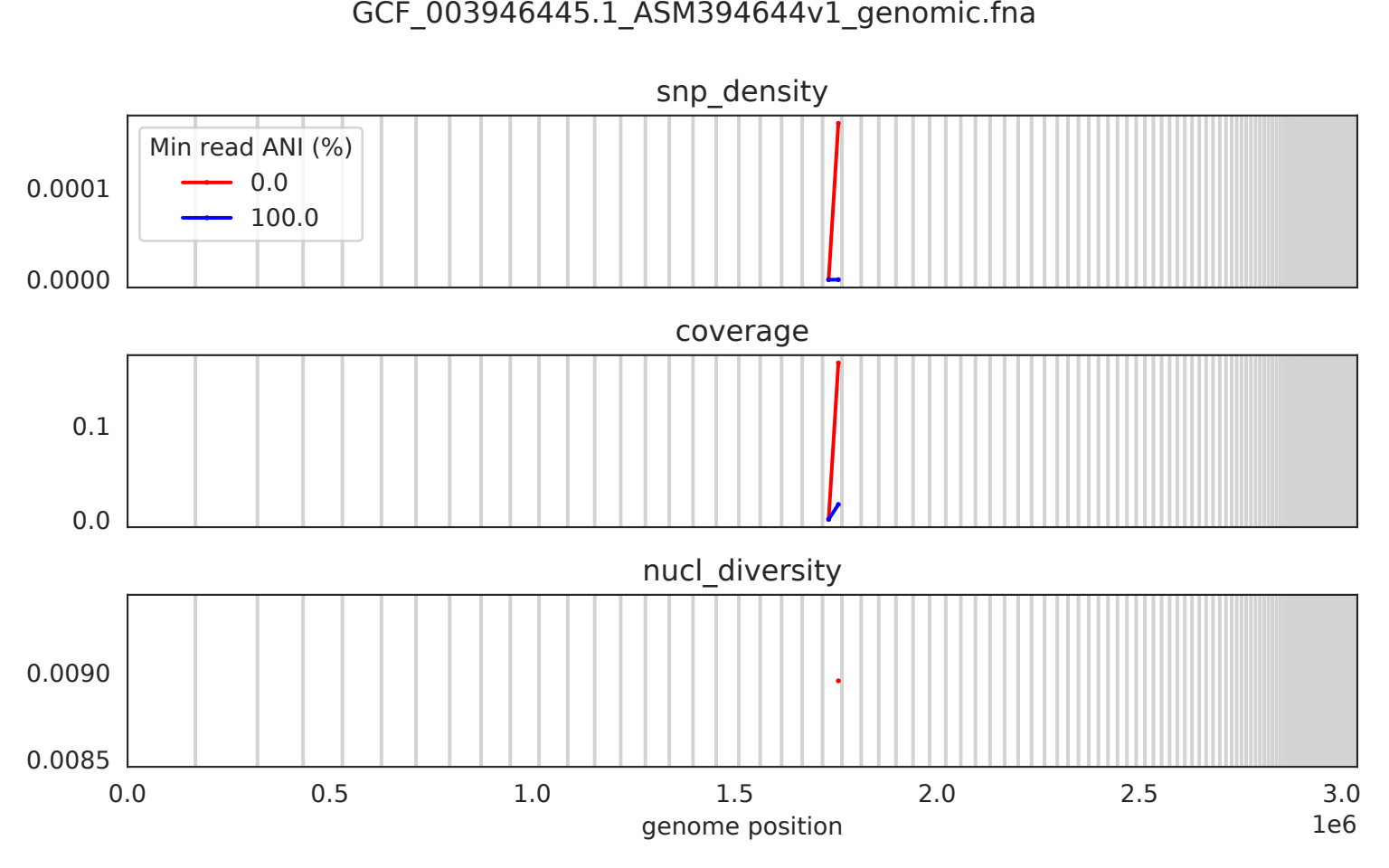

GCF_003946325.1_ASM394632v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0004
0.0002
0.0000
coverage
1
0
nucl_diversity
0.002
0.000
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

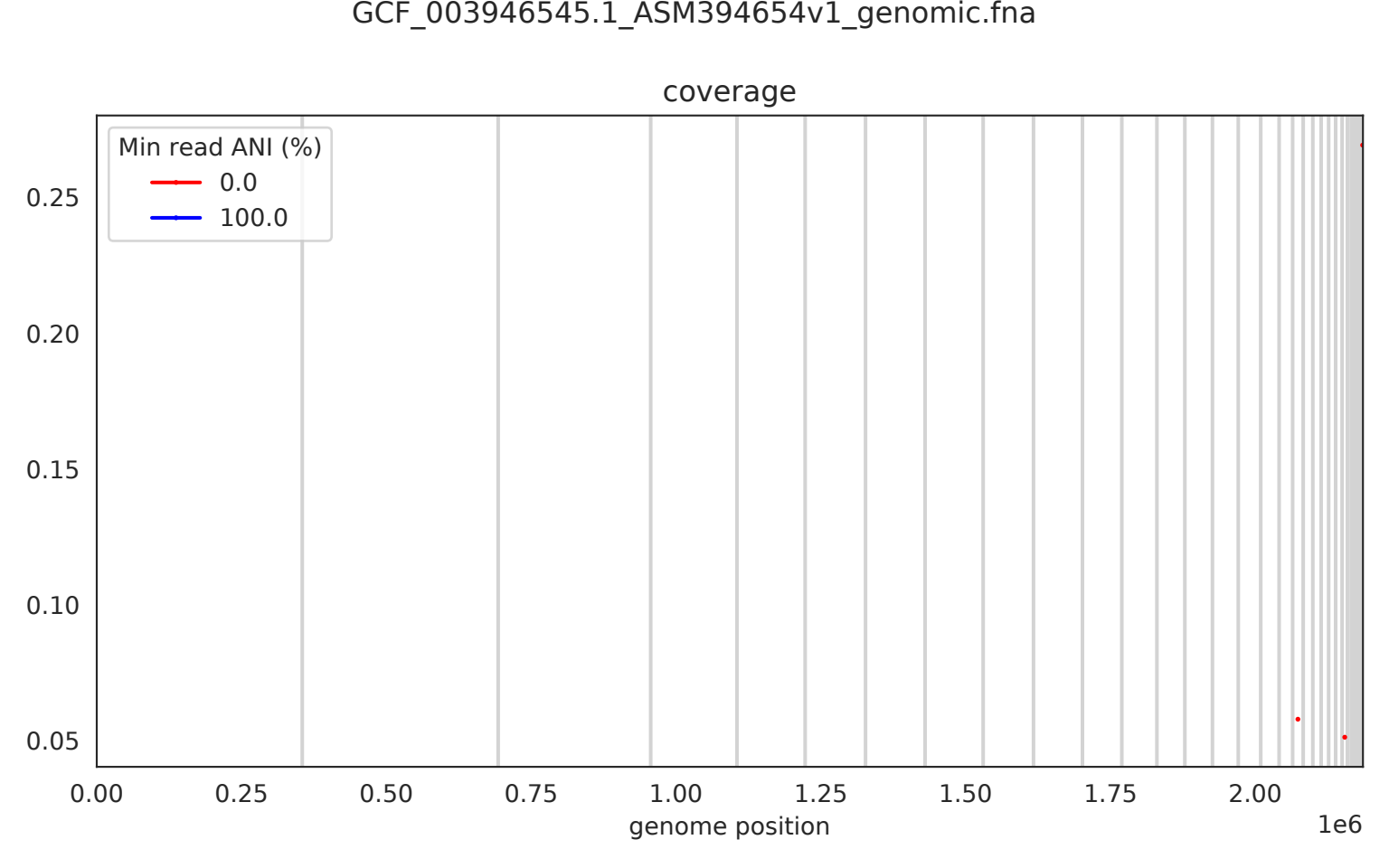

GCF_003946335.1_ASM394633v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0002
0.0001
0.0000
coverage
2
1
0
nucl_diversity
0.005
0.000
0.0
0.5
1.0
1.5
2.0
2.5
3.0
genome position
1e6

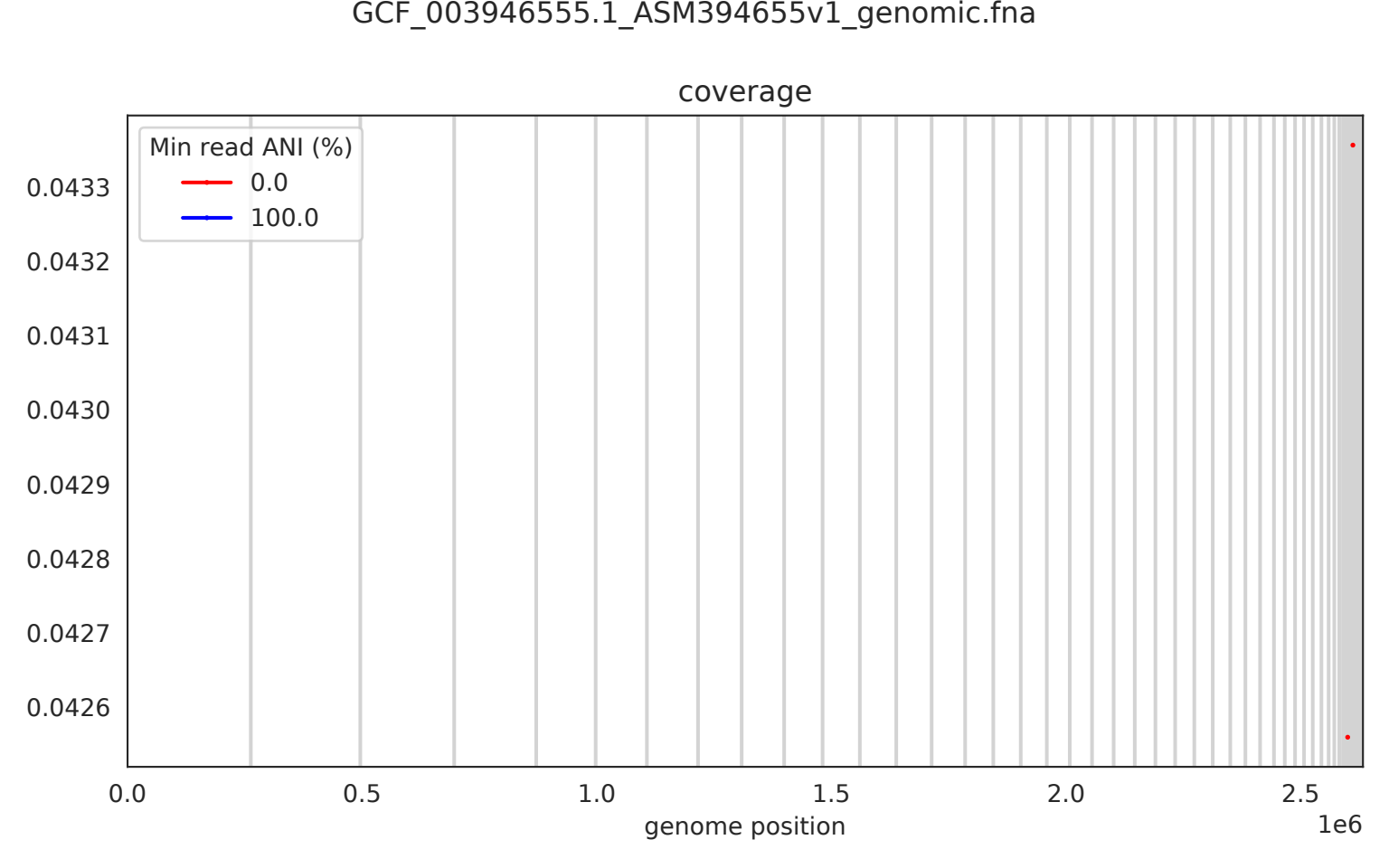

GCF_003946345.1_ASM394634v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

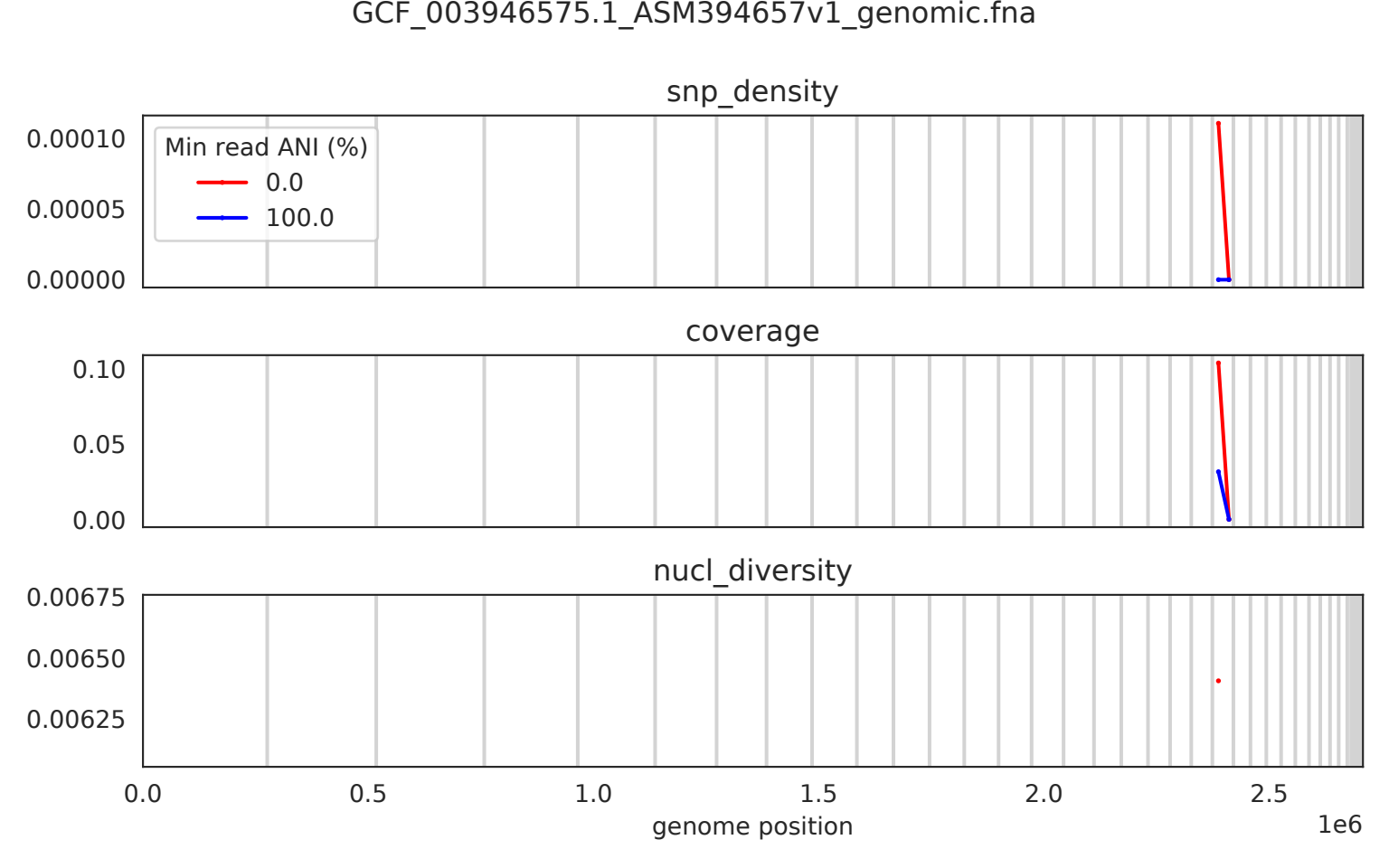

GCF_003946385.1_ASM394638v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.00050
0.00025
0.00000
coverage
5.0
2.5
0.0
nucl_diversity
0.010
0.005
0.000
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

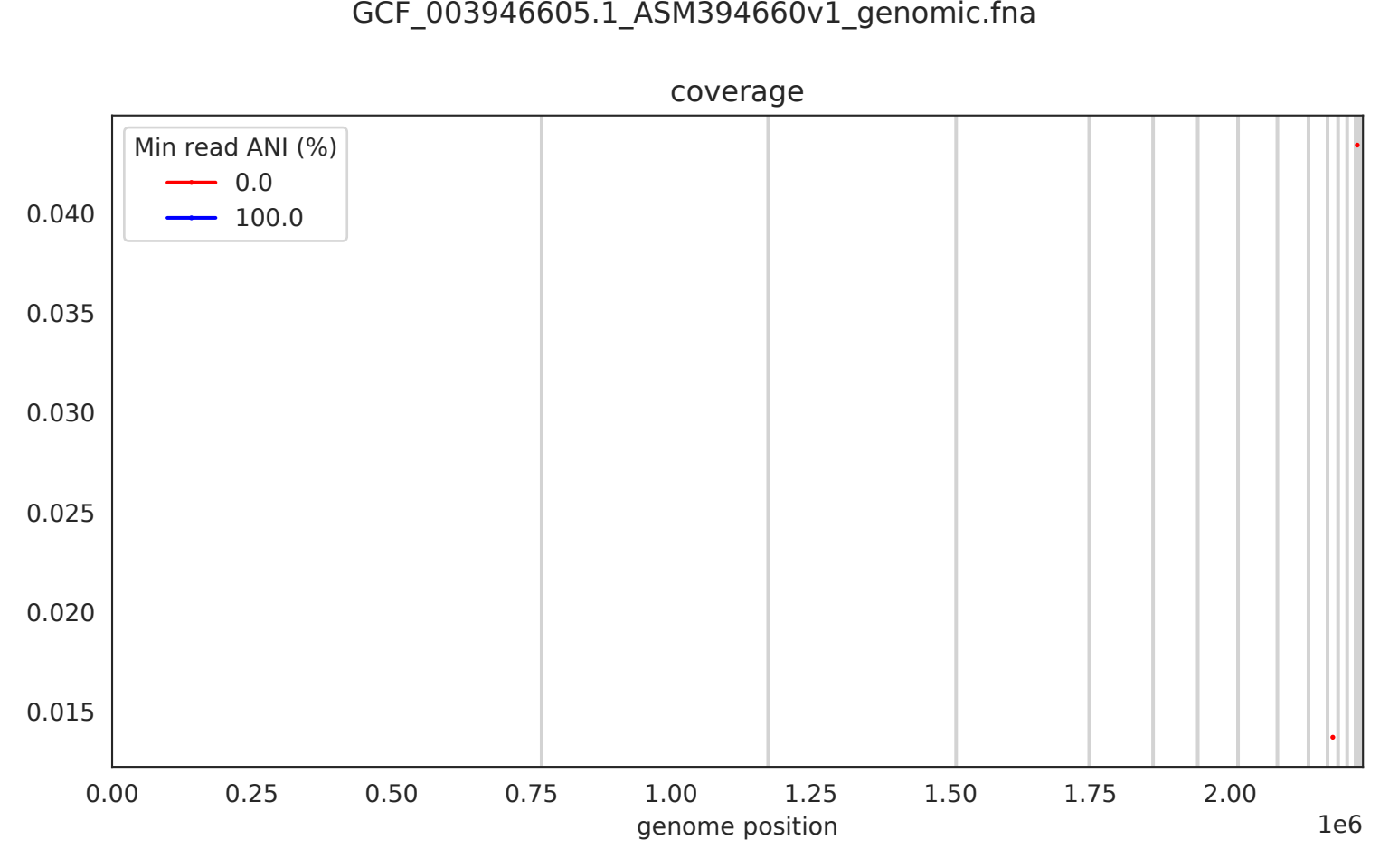

GCF_003946395.1_ASM394639v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.001
0.000
coverage
0.4
0.2
0.0
nucl_diversity
0.022
0.021
0.020
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

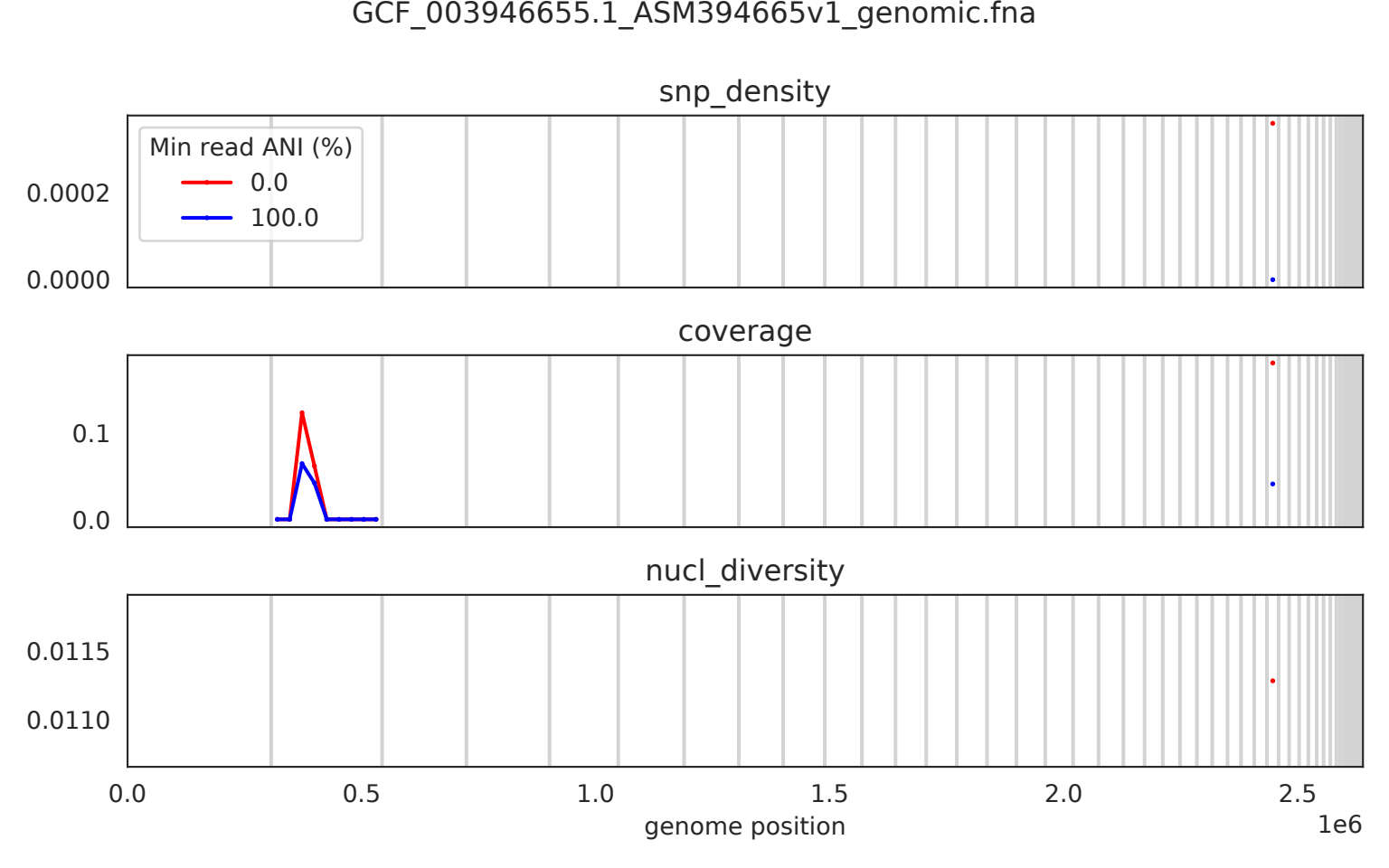

GCF_003946445.1_ASM394644v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0001
0.0000
coverage
0.1
0.0
nucl_diversity
0.0090
0.0085
0.0
0.5
1.0
1.5
2.0
2.5
3.0
genome position
1e6

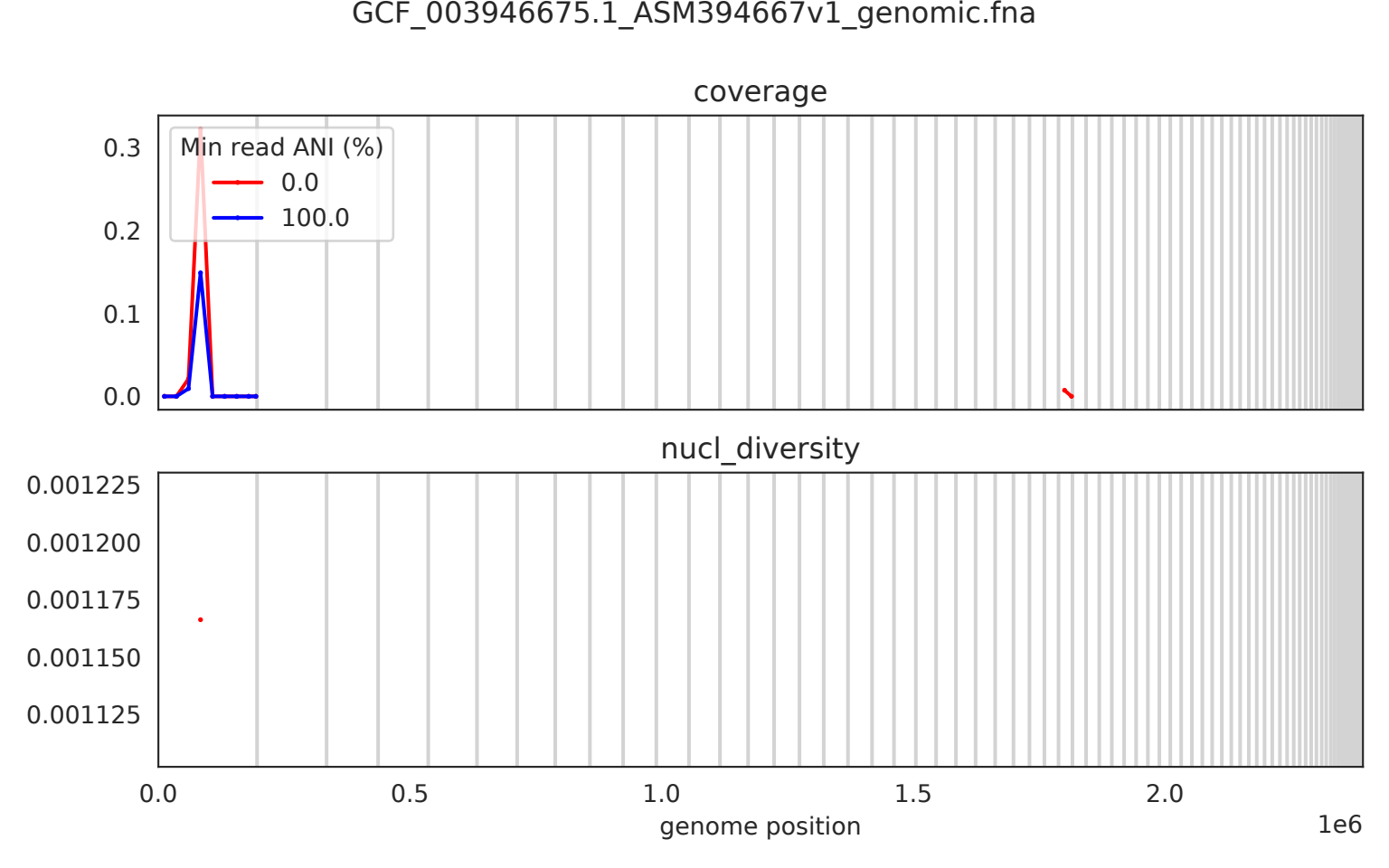

GCF_003946545.1_ASM394654v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.25
0.20
0.15
0.10
0.05
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

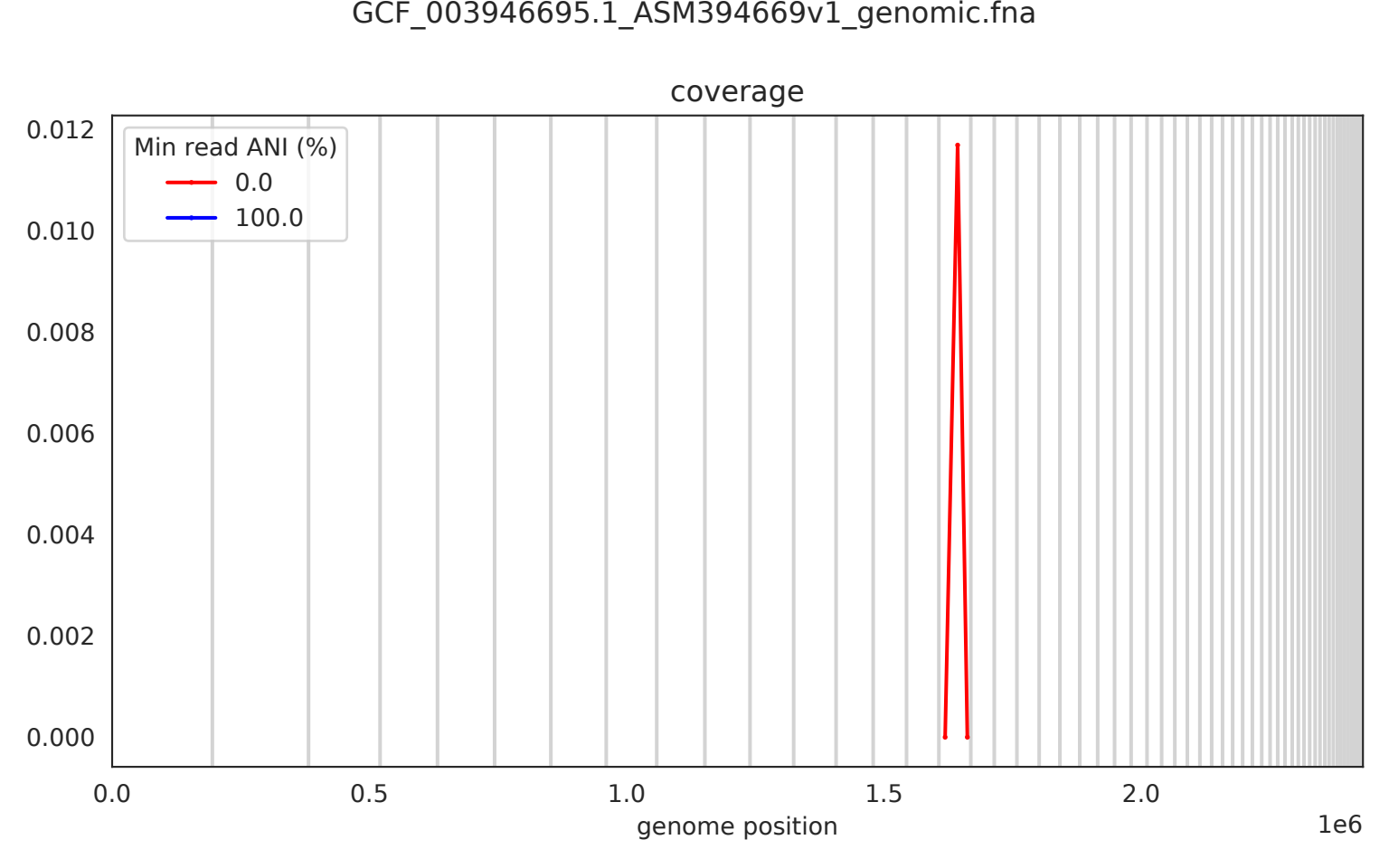

GCF_003946555.1_ASM394655v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.0433
0.0432
0.0431
0.0430
0.0429
0.0428
0.0427
0.0426
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

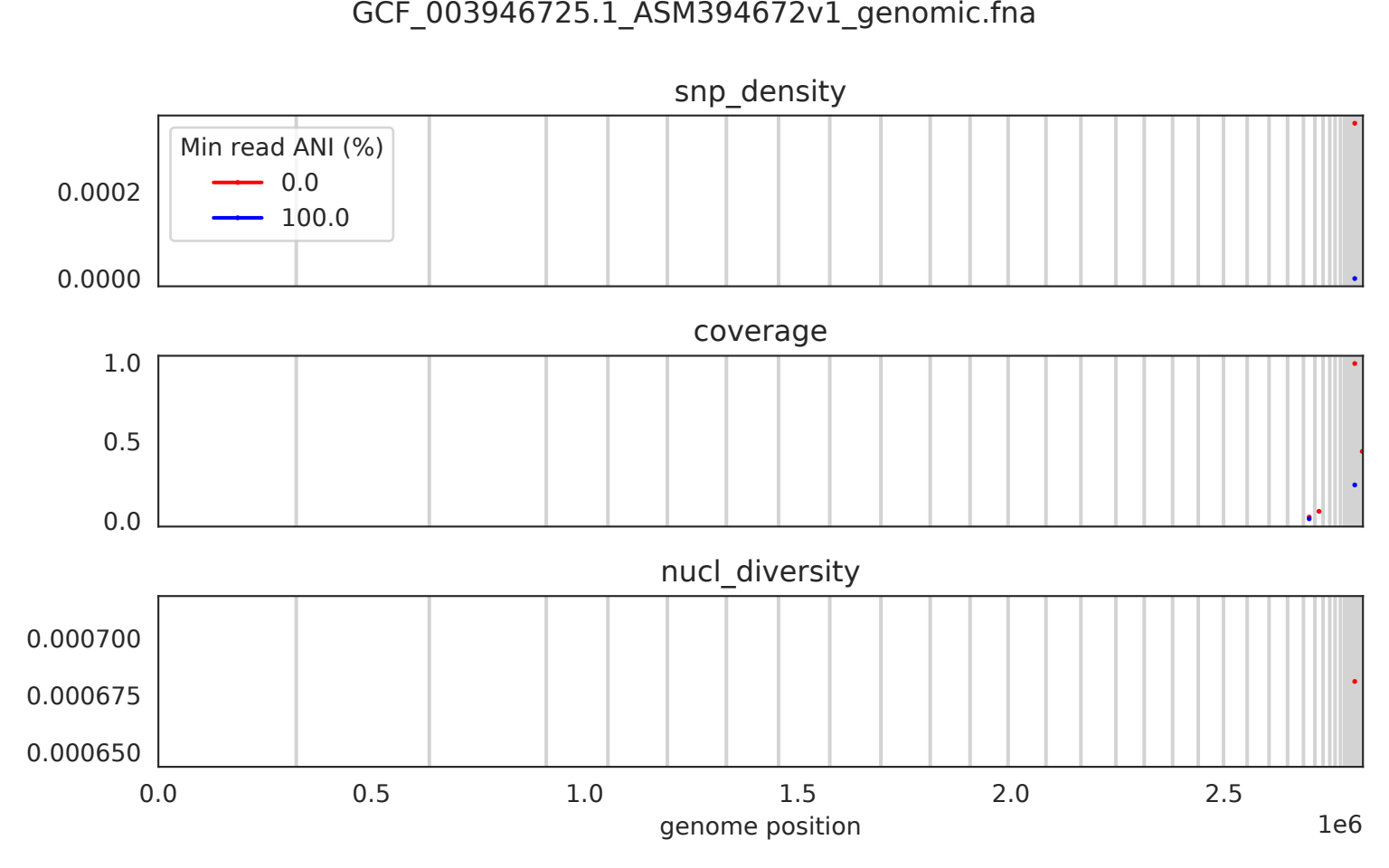

GCF_003946575.1_ASM394657v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.00010
0.00005
0.00000
coverage
0.10
0.05
0.00
nucl_diversity
0.00675
0.00650
0.00625
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

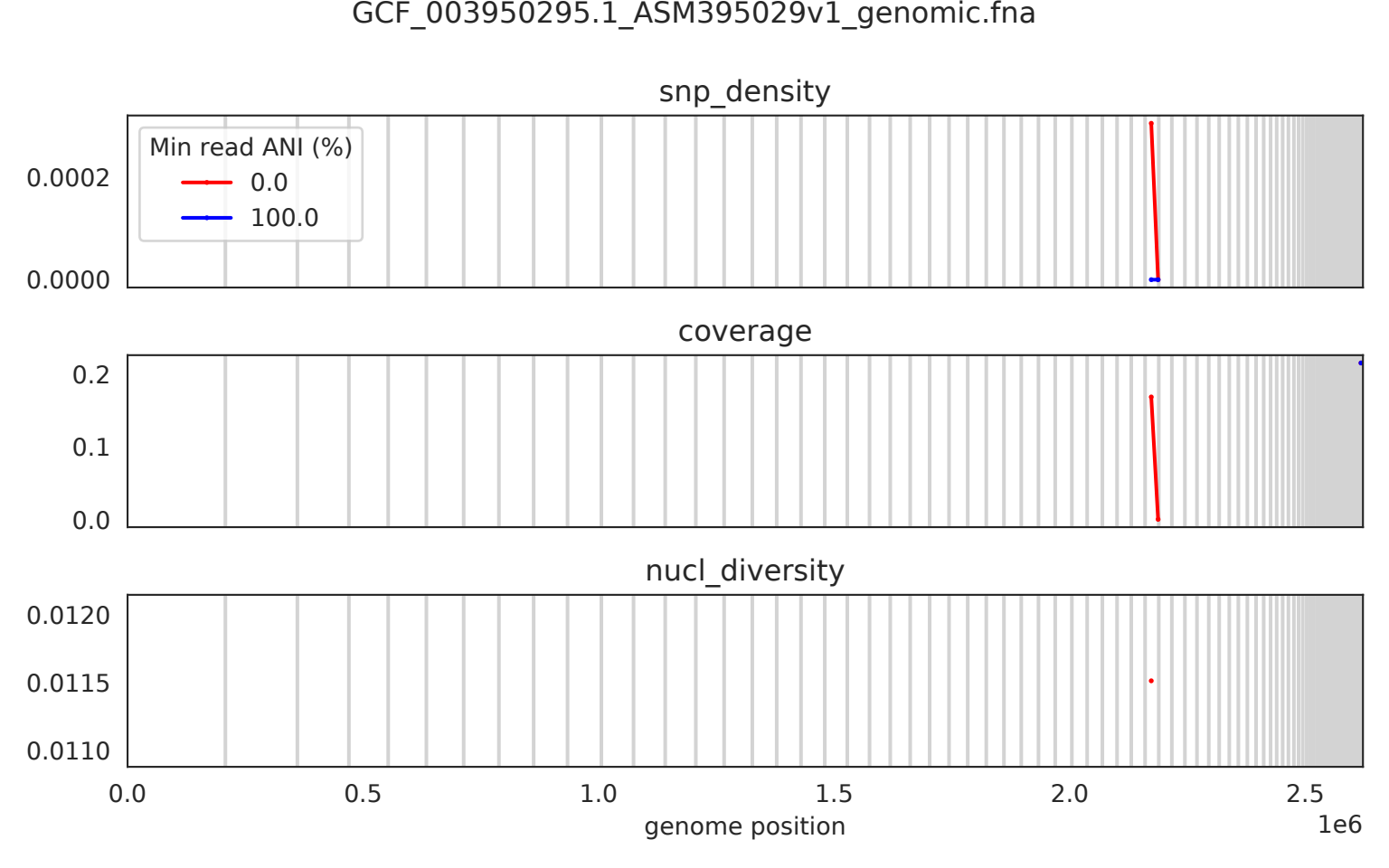

GCF_003946605.1_ASM394660v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.040
0.035
0.030
0.025
0.020
0.015
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

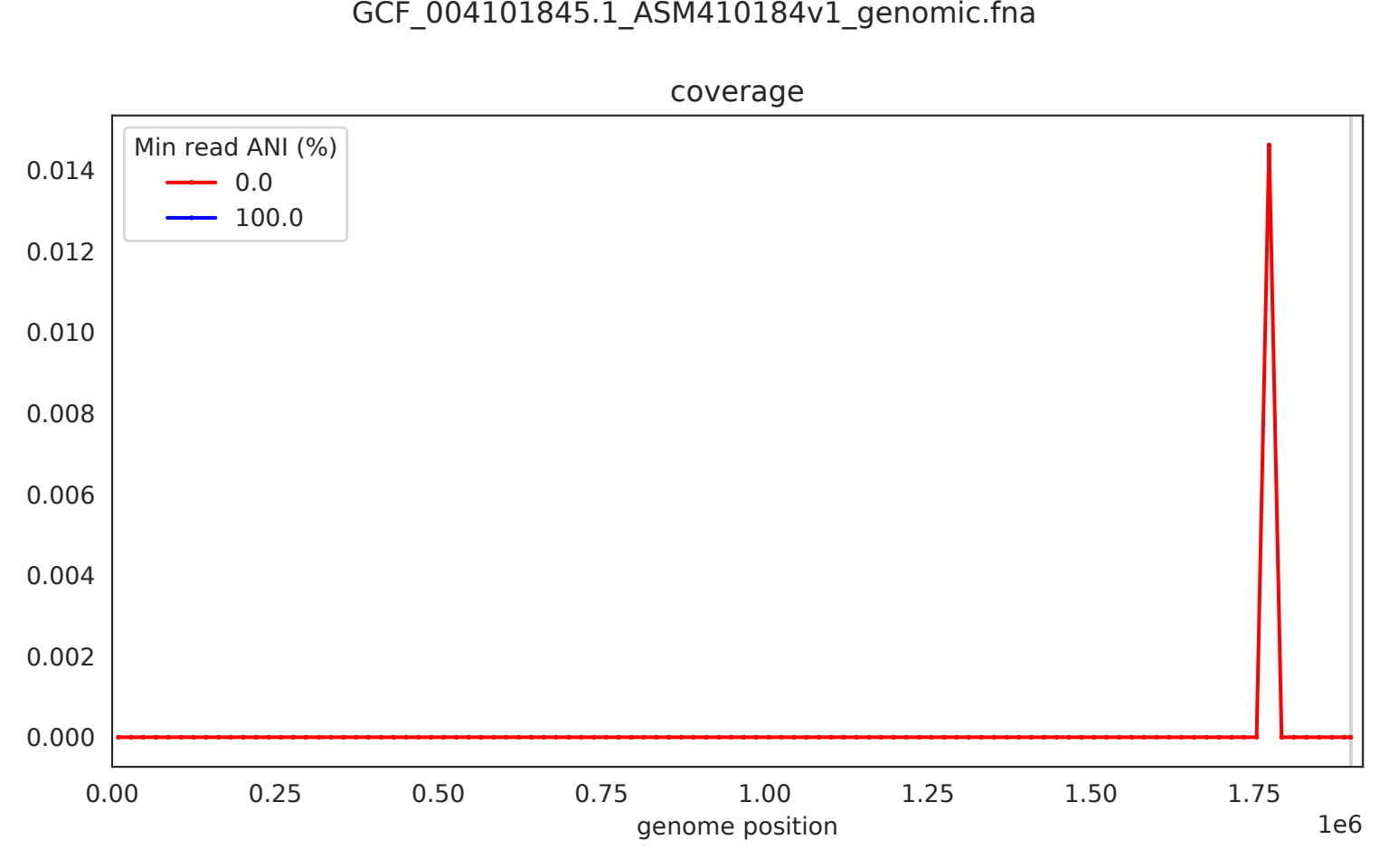

GCF_003946655.1_ASM394665v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0002
0.0000
coverage
0.1
0.0
nucl_diversity
0.0115
0.0110
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

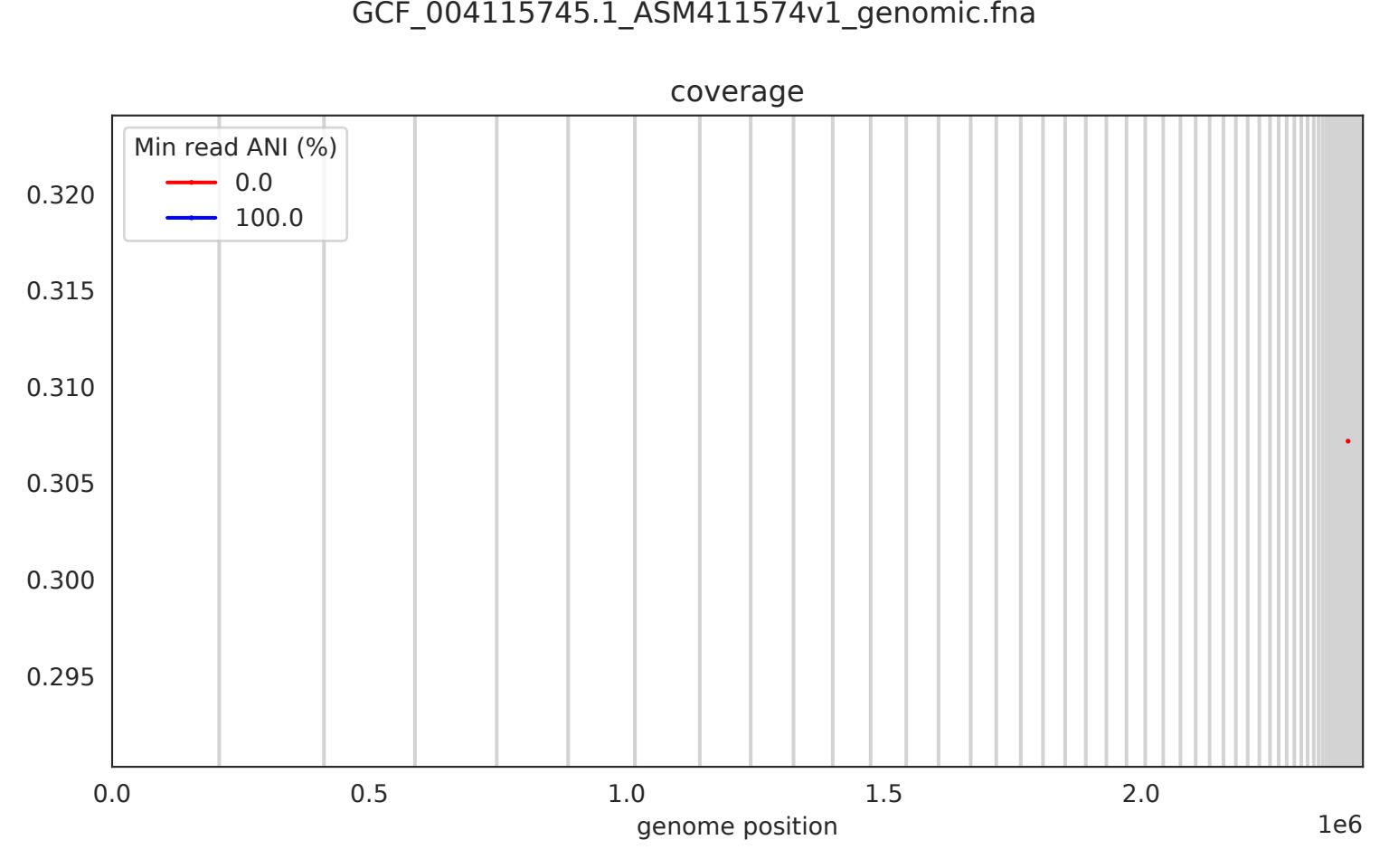

GCF_003946675.1_ASM394667v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.3
0.2
0.1
0.0
nucl_diversity
0.001225
0.001200
0.001175
0.001150
0.001125
0.0
0.5
1.0
1.5
2.0
genome position
1e6

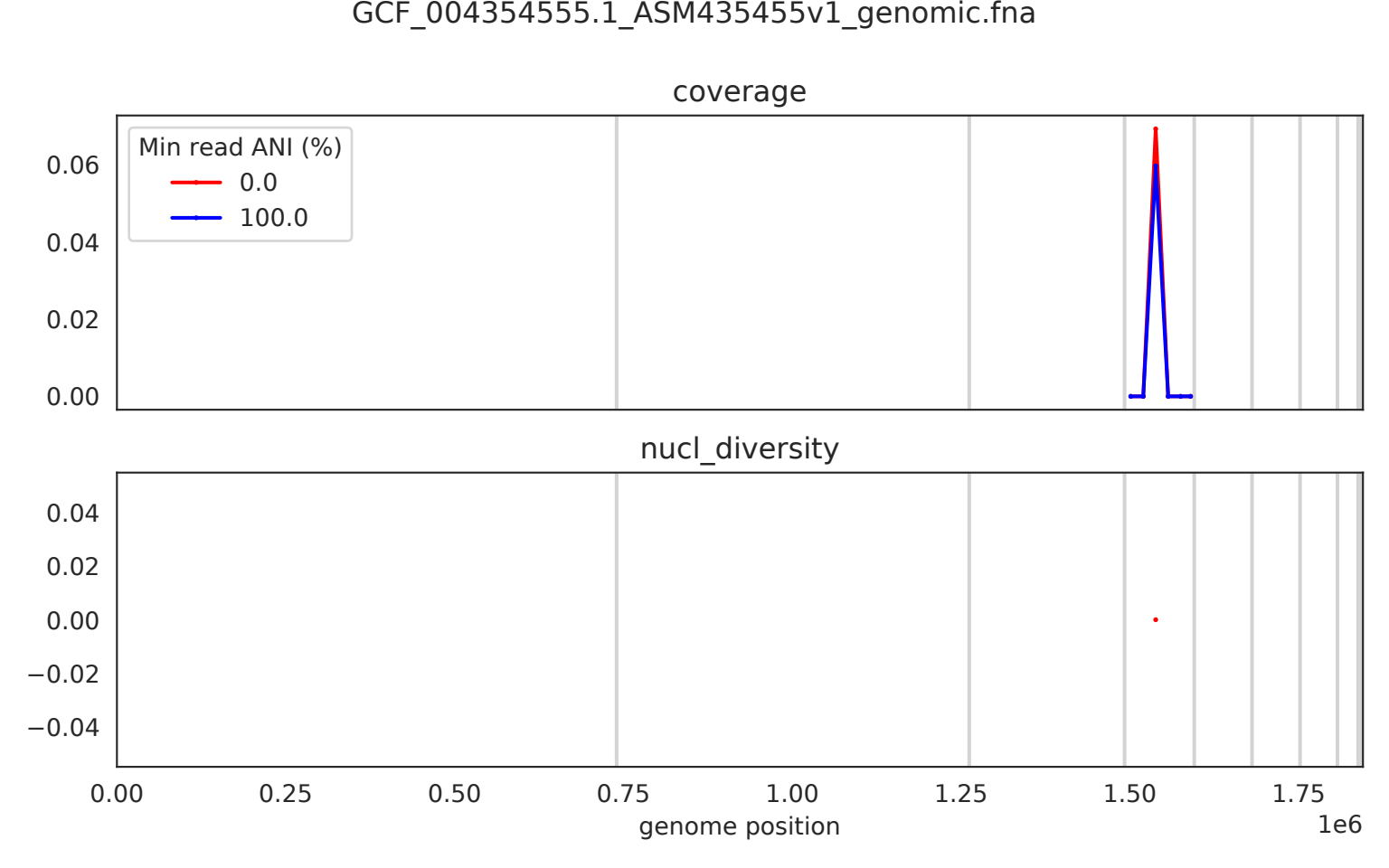

GCF_003946695.1_ASM394669v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.012
0.010
0.008
0.006
0.004
0.002
0.000
0.0
0.5
1.0
1.5
2.0
genome position
1e6

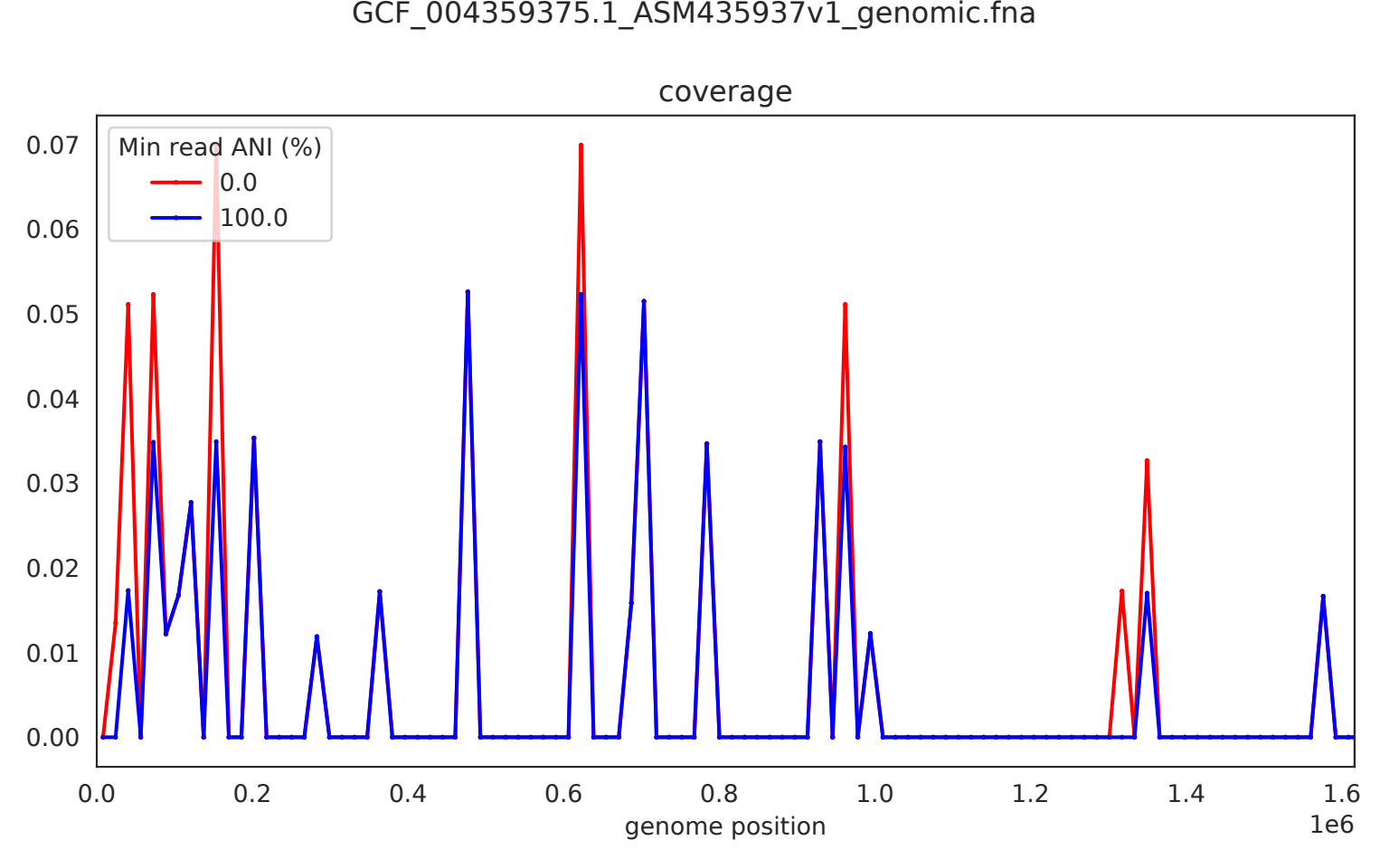

GCF_003946725.1_ASM394672v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0002
0.0000
coverage
1.0
0.5
0.0
nucl_diversity
0.000700
0.000675
0.000650
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

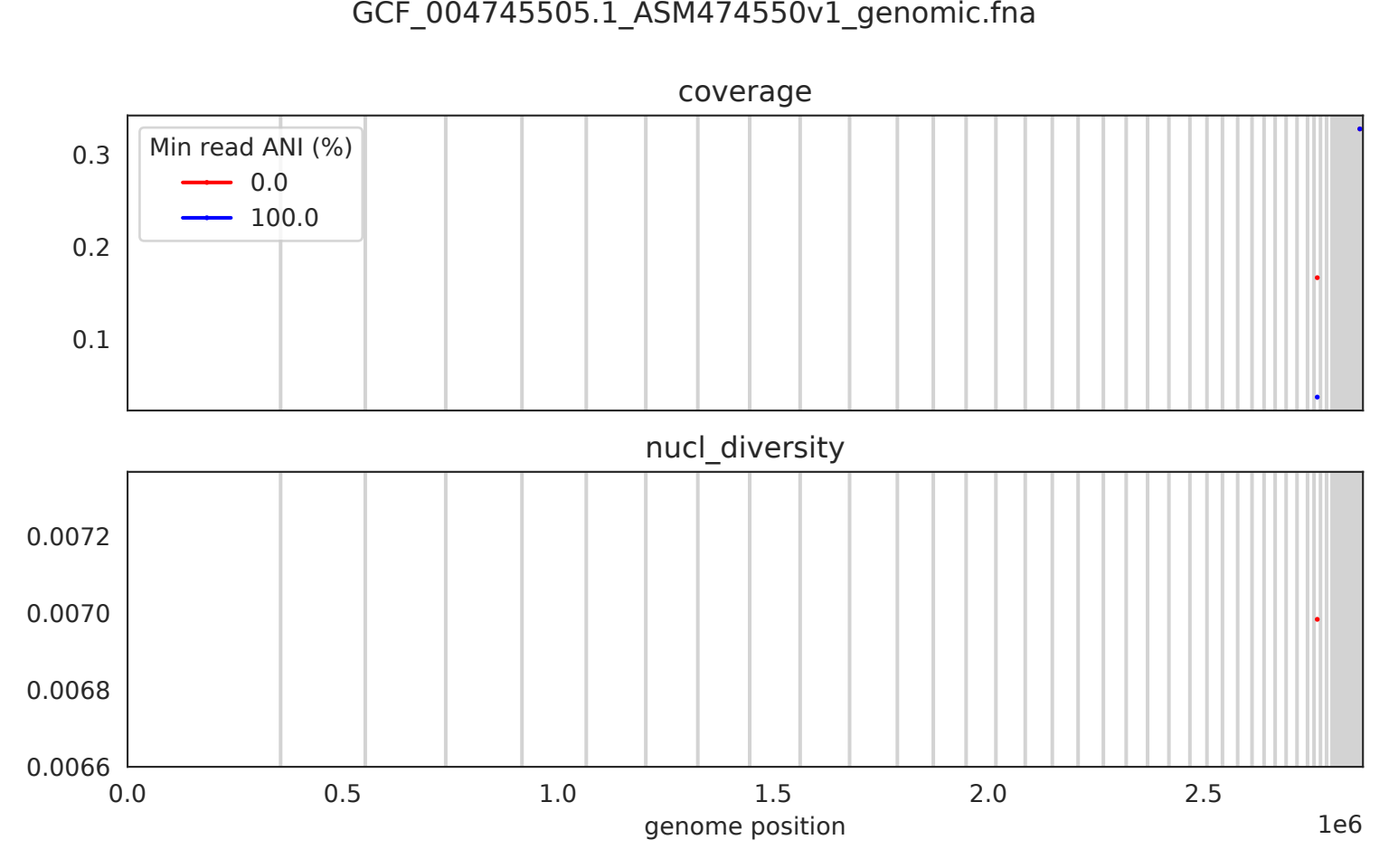

GCF_003950295.1_ASM395029v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0002
0.0000
coverage
0.2
0.1
0.0
nucl_diversity
0.0120
0.0115
0.0110
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

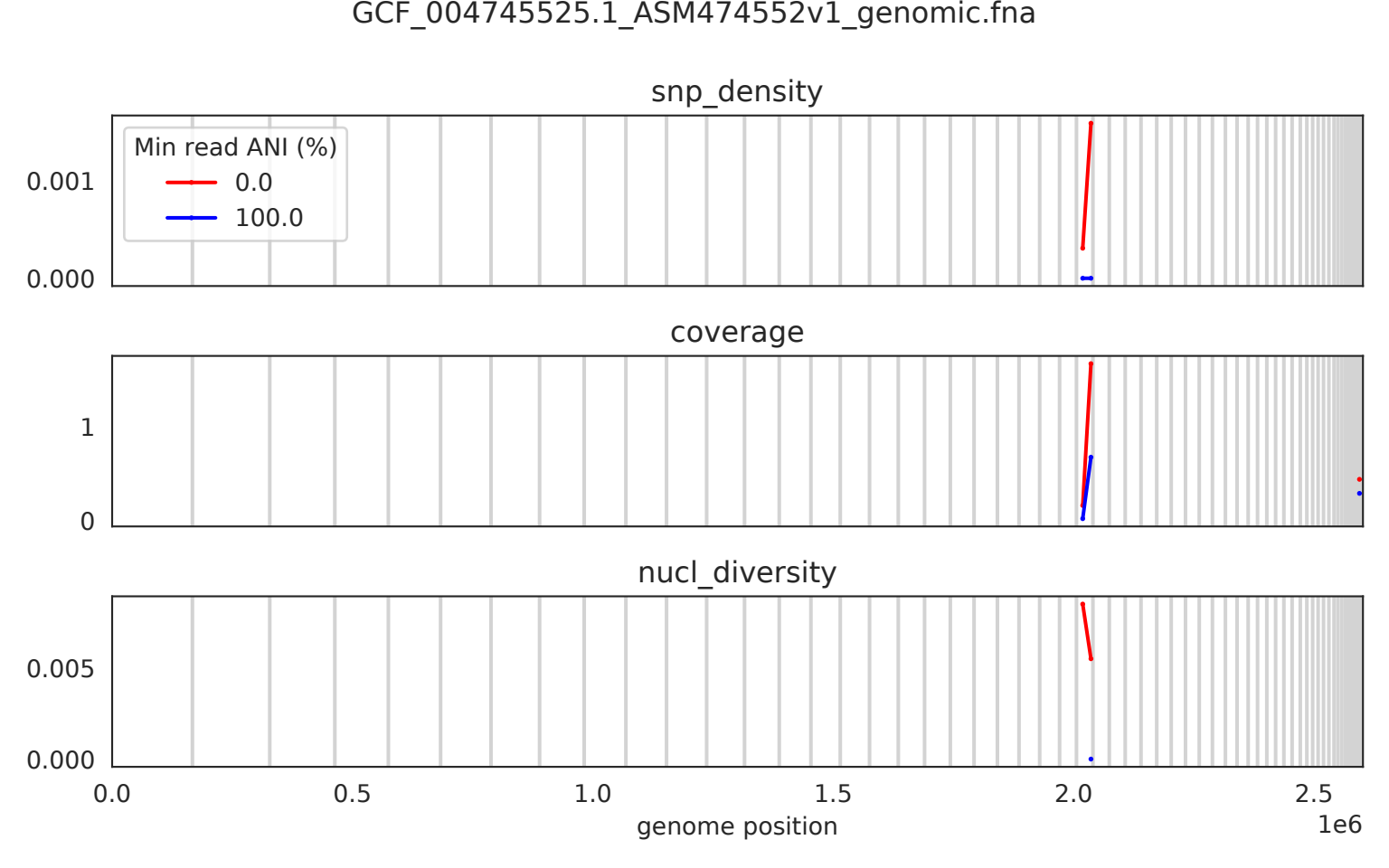

GCF_004101845.1_ASM410184v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.014
0.012
0.010
0.008
0.006
0.004
0.002
0.000
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

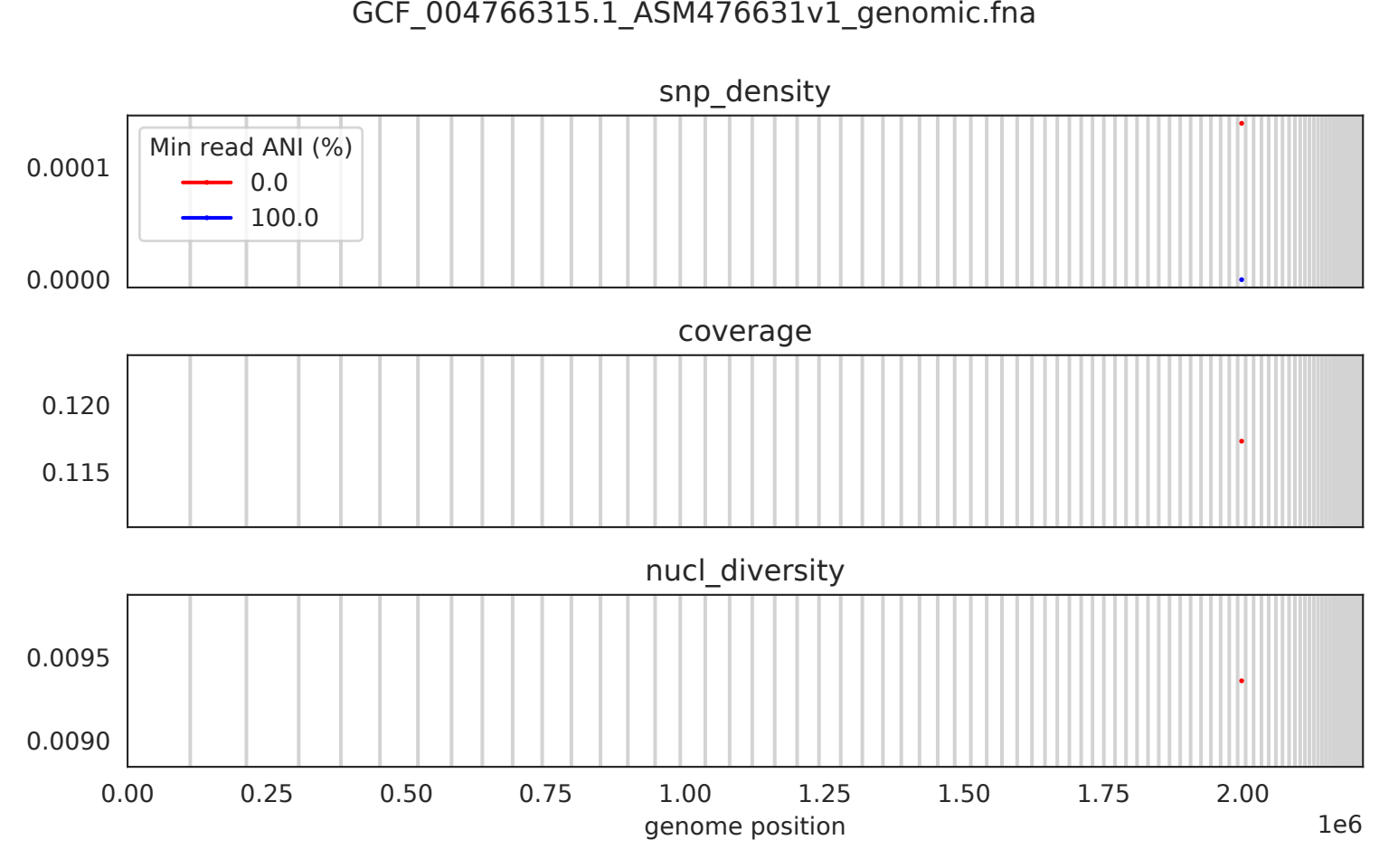

GCF_004115745.1_ASM411574v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.320
0.315
0.310
0.305
0.300
0.295
0.0
0.5
1.0
1.5
2.0
genome position
1e6

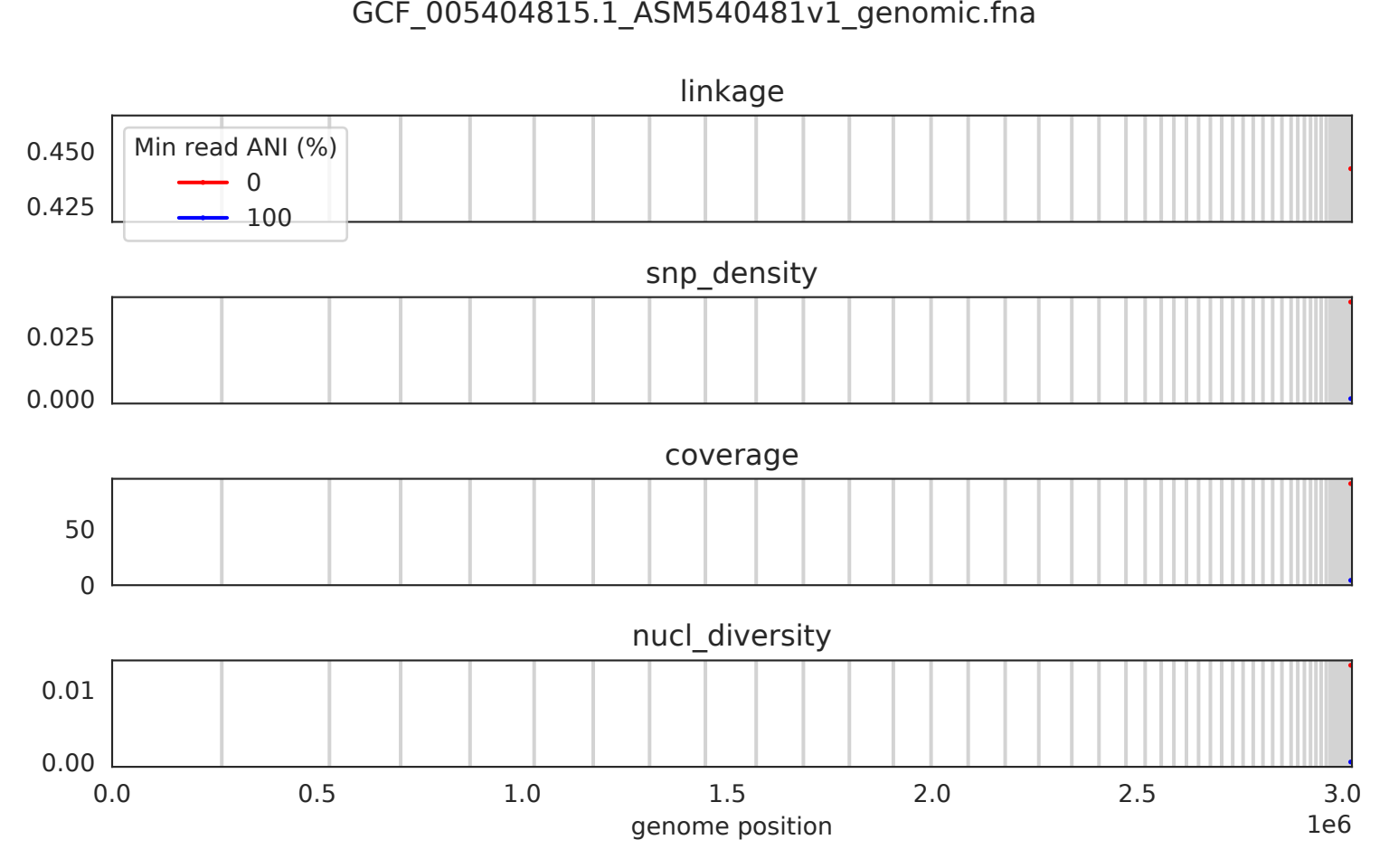

GCF_004354555.1_ASM435455v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.06
0.04
0.02
0.00
nucl_diversity
0.04
0.02
0.00
−0.02
−0.04
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

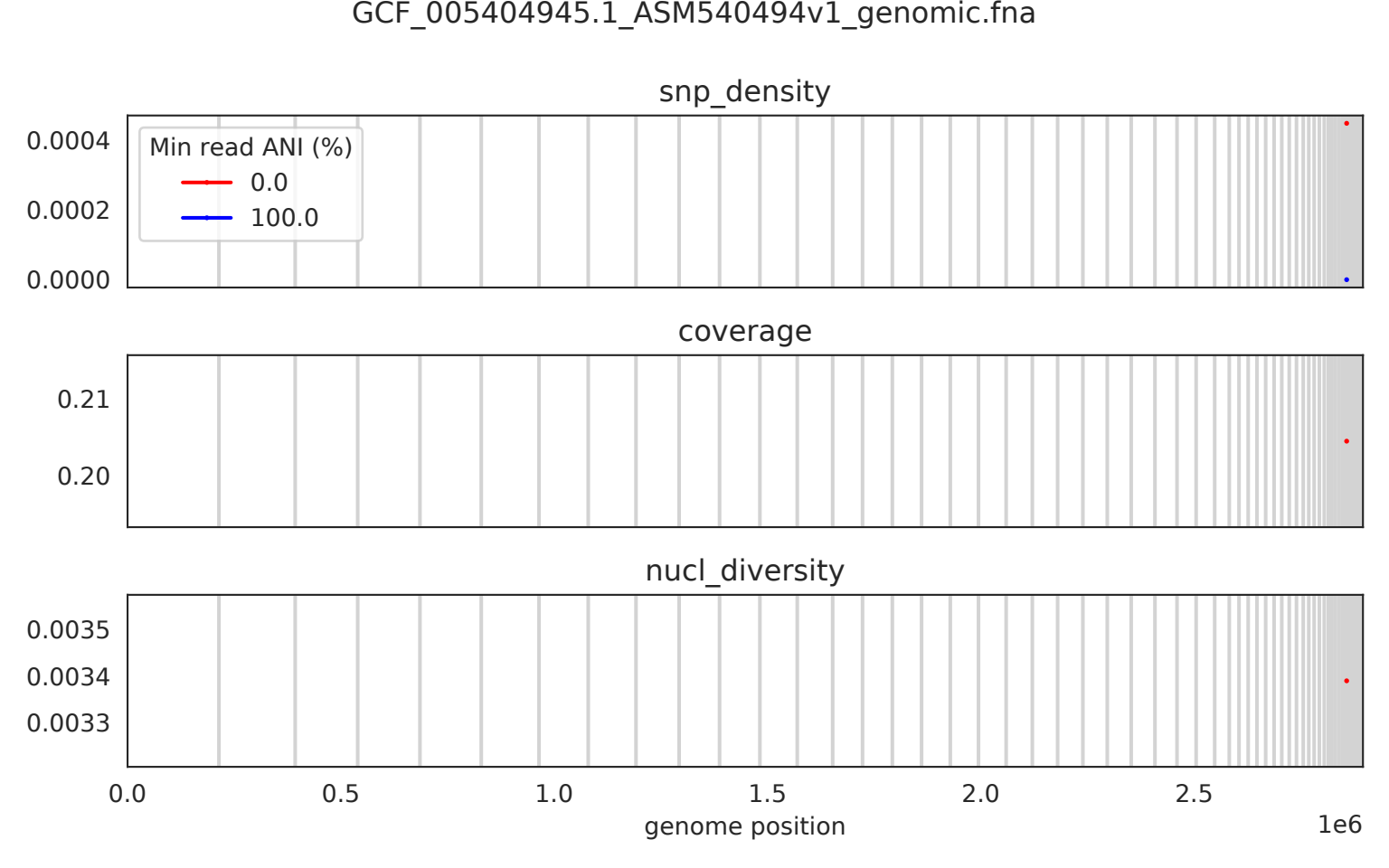

GCF_004359375.1_ASM435937v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6

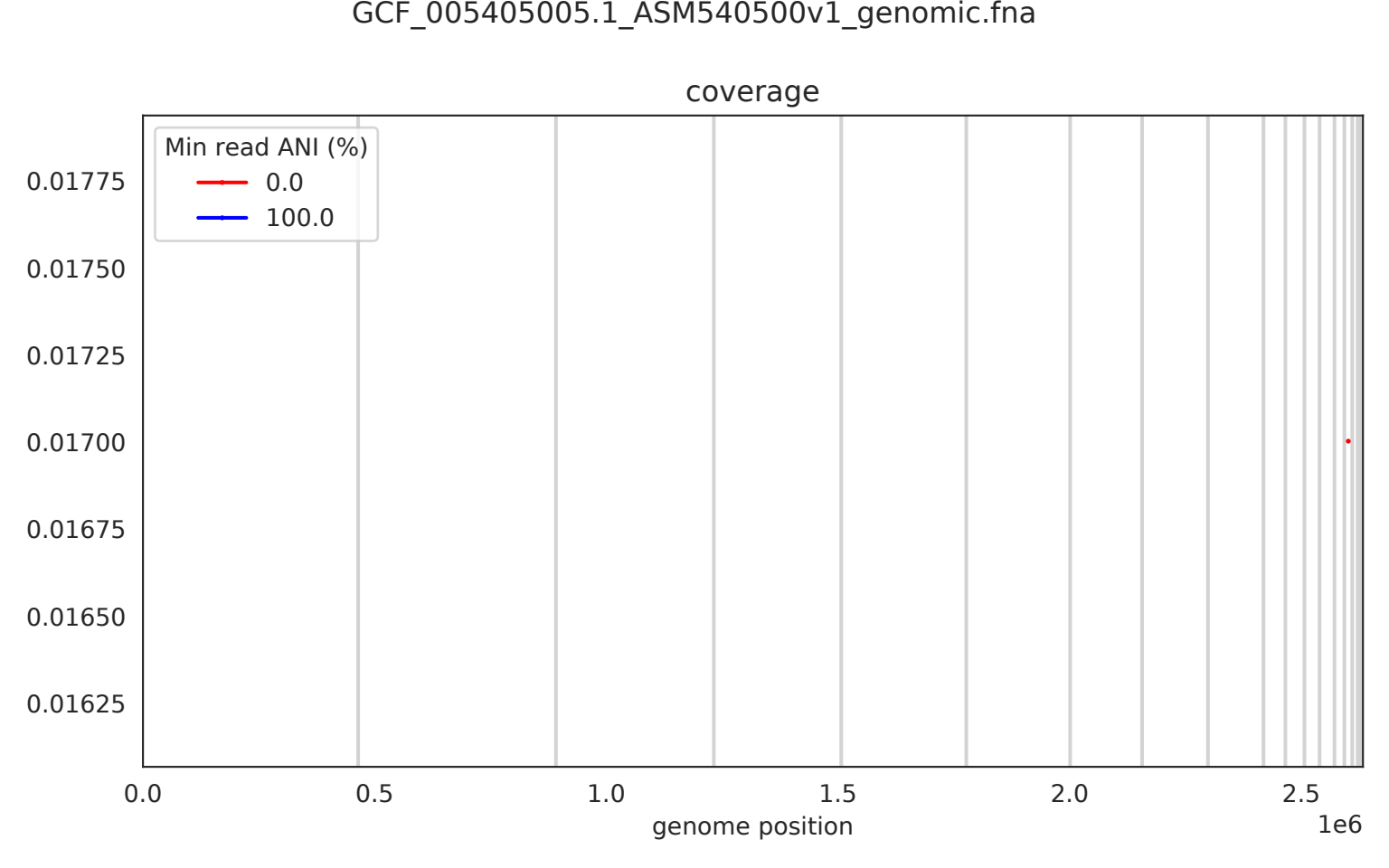

GCF_004745505.1_ASM474550v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.3
0.2
0.1
nucl_diversity
0.0072
0.0070
0.0068
0.0066
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

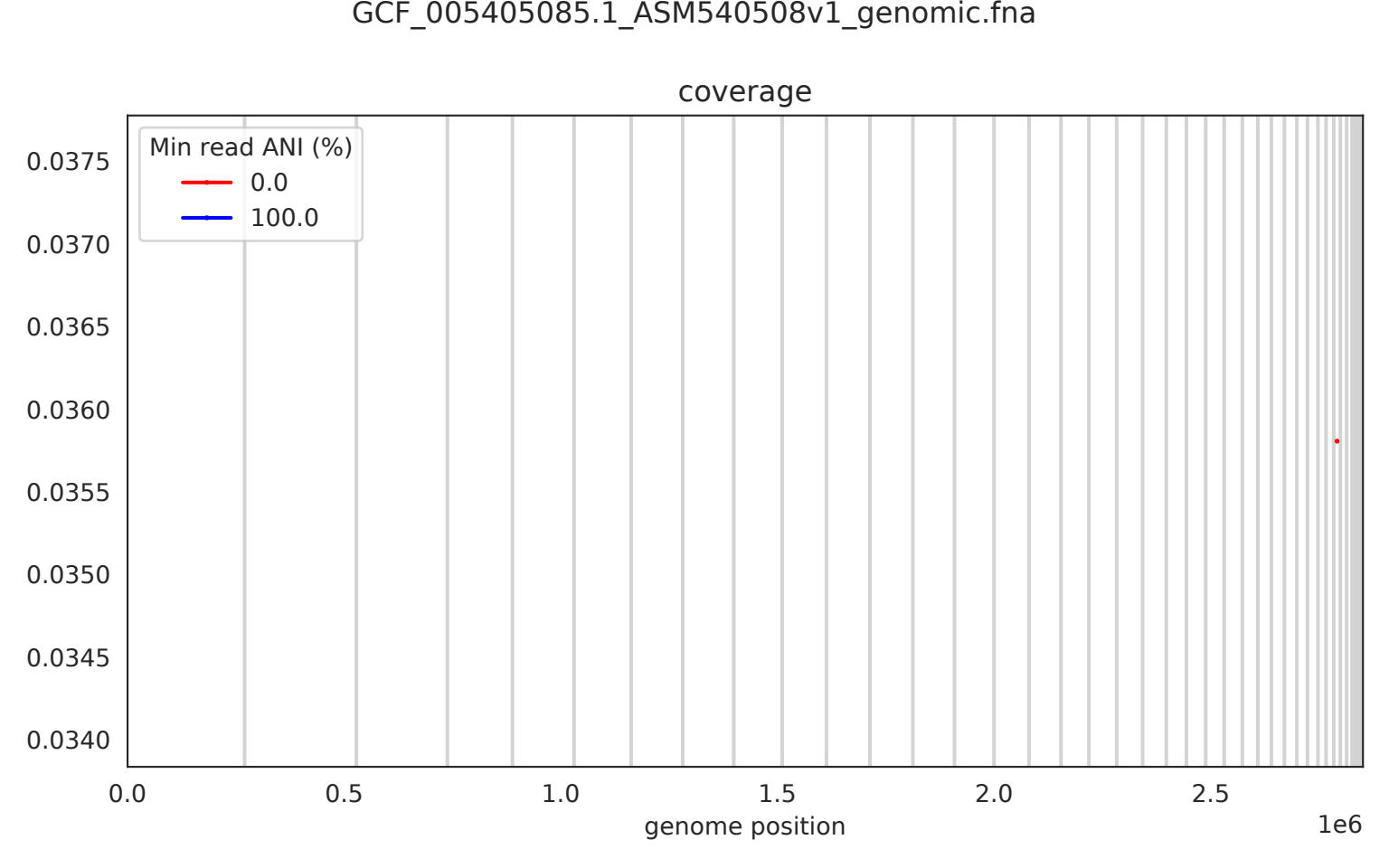

GCF_004745525.1_ASM474552v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.001
0.000
coverage
1
0
nucl_diversity
0.005
0.000
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

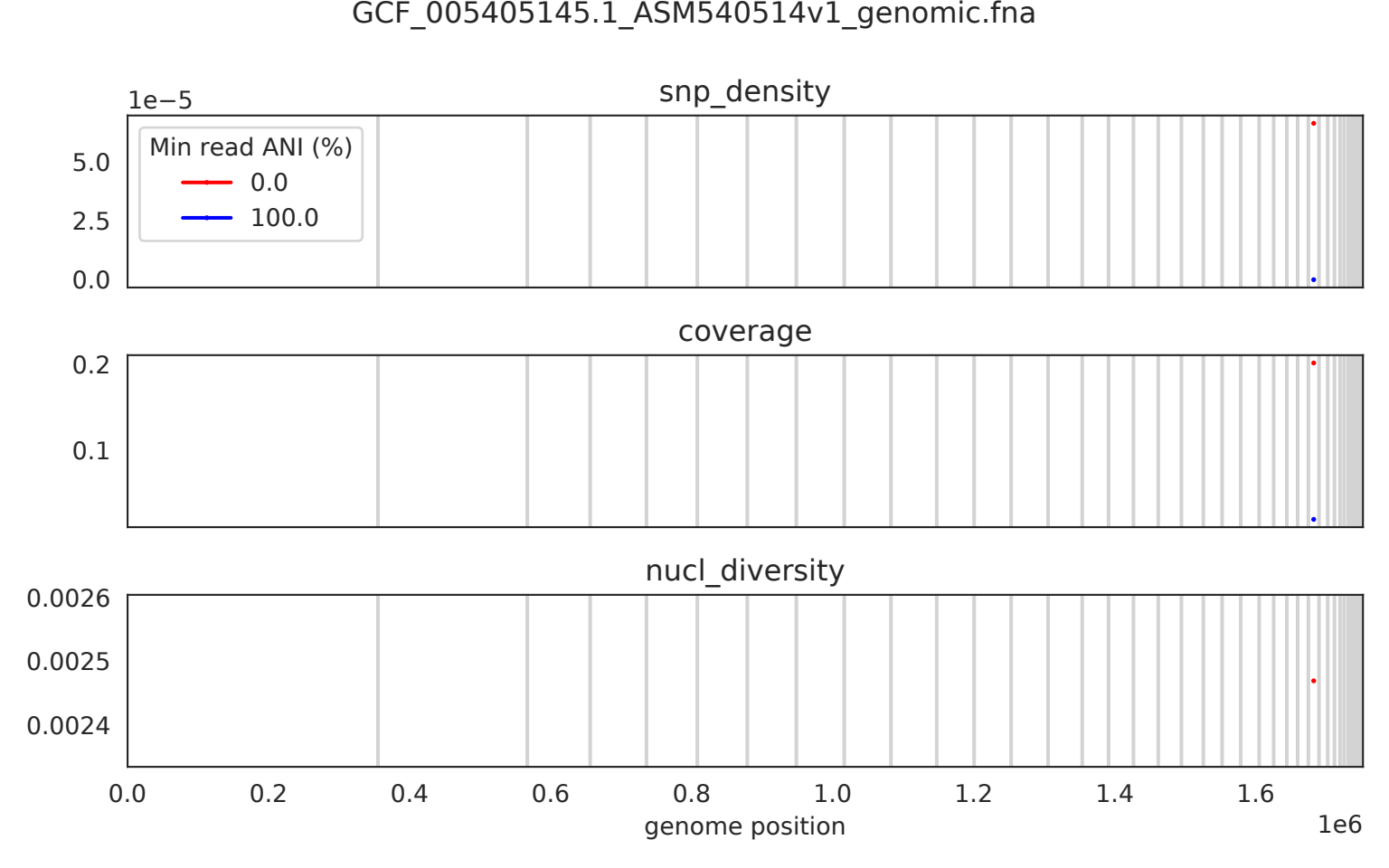

GCF_004766315.1_ASM476631v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0001
0.0000
coverage
0.120
0.115
nucl_diversity
0.0095
0.0090
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

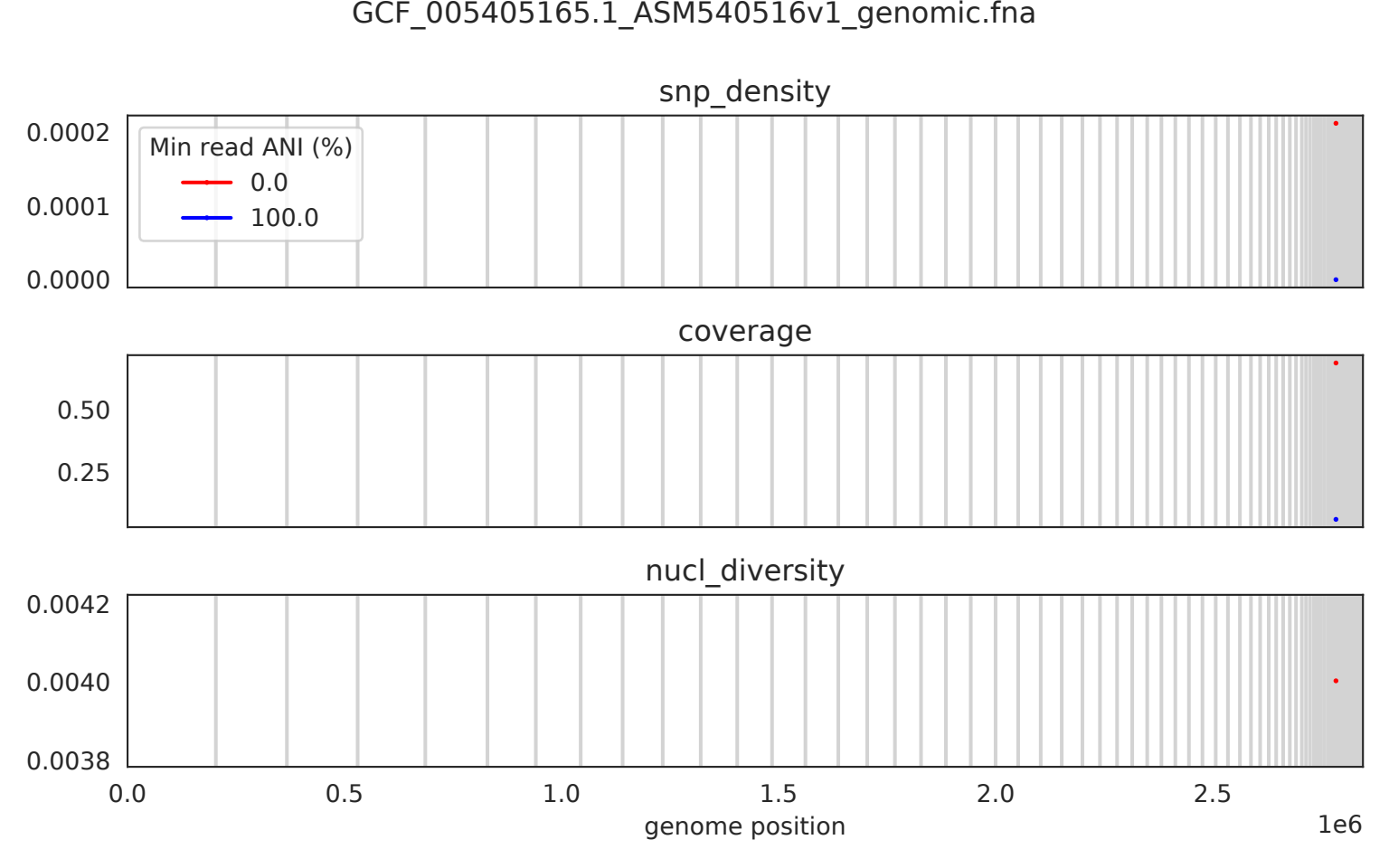

GCF_005404815.1_ASM540481v1_genomic.fna
linkage
Min read ANI (%)
0
100
0.450
0.425
snp_density
0.025
0.000
coverage
50
0
nucl_diversity
0.01
0.00
0.0
0.5
1.0
1.5
2.0
2.5
3.0
genome position
1e6

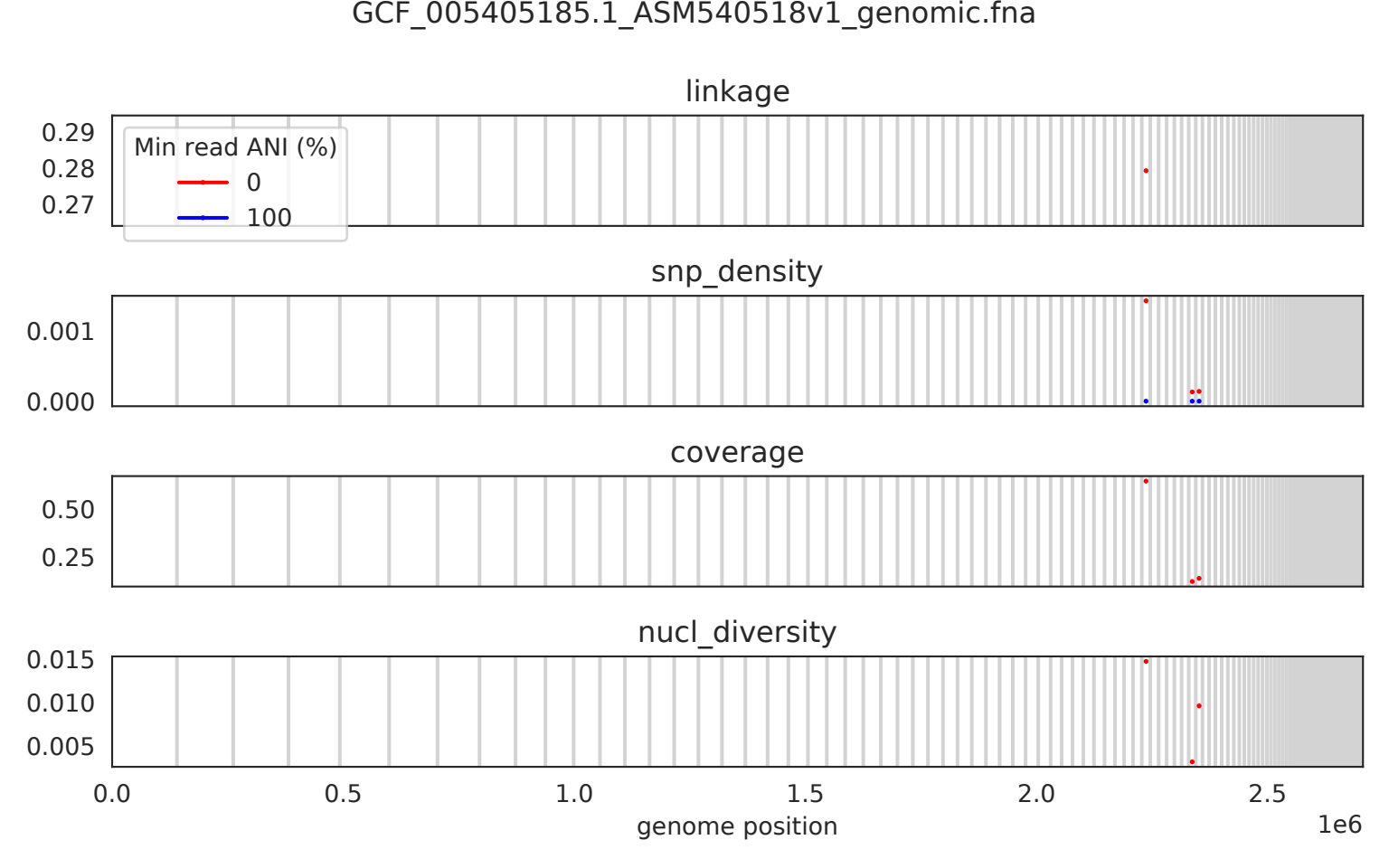

GCF_005404945.1_ASM540494v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0004
0.0002
0.0000
coverage
0.21
0.20
nucl_diversity
0.0035
0.0034
0.0033
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

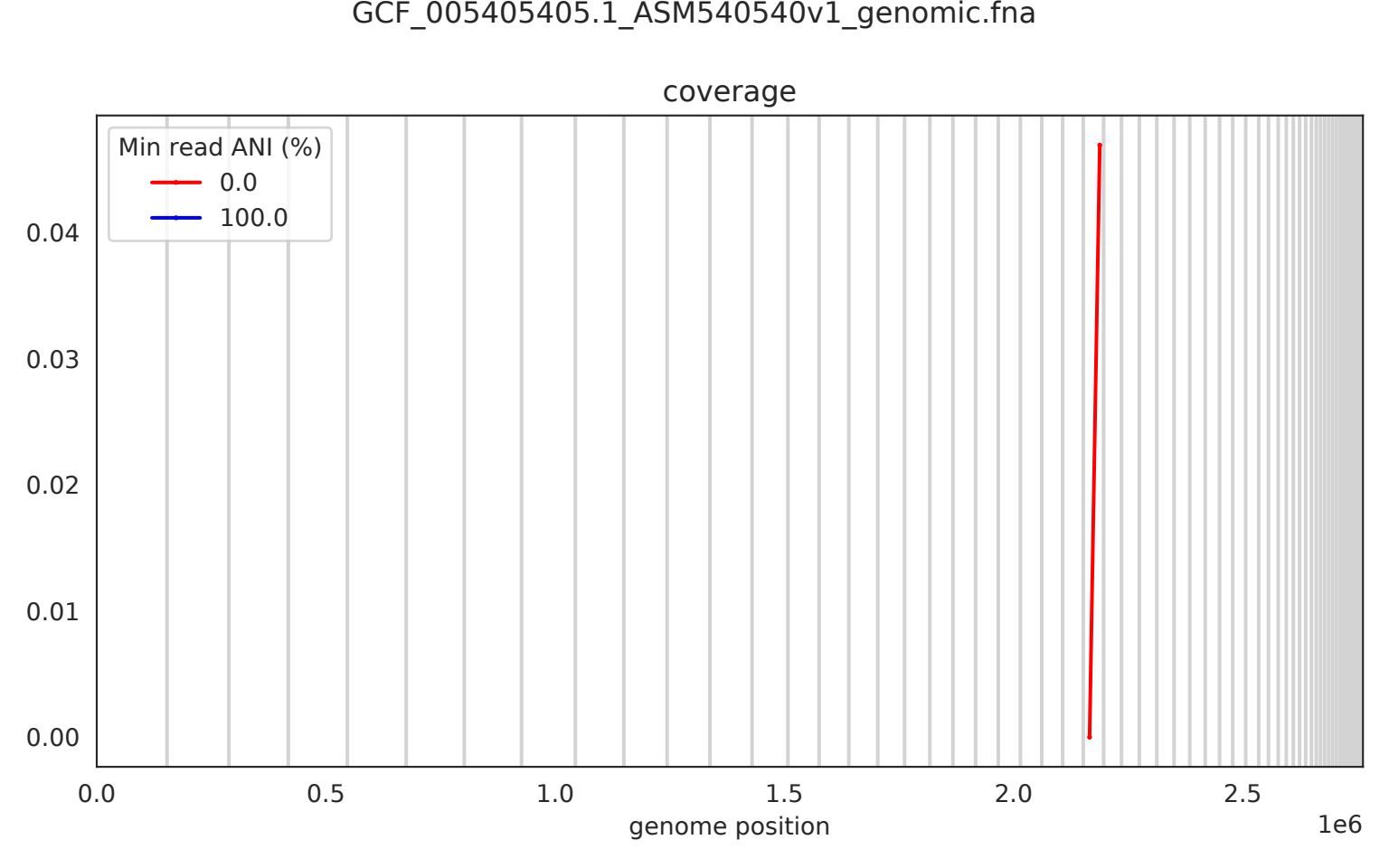

GCF_005405005.1_ASM540500v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.01775
0.01750
0.01725
0.01700
0.01675
0.01650
0.01625
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

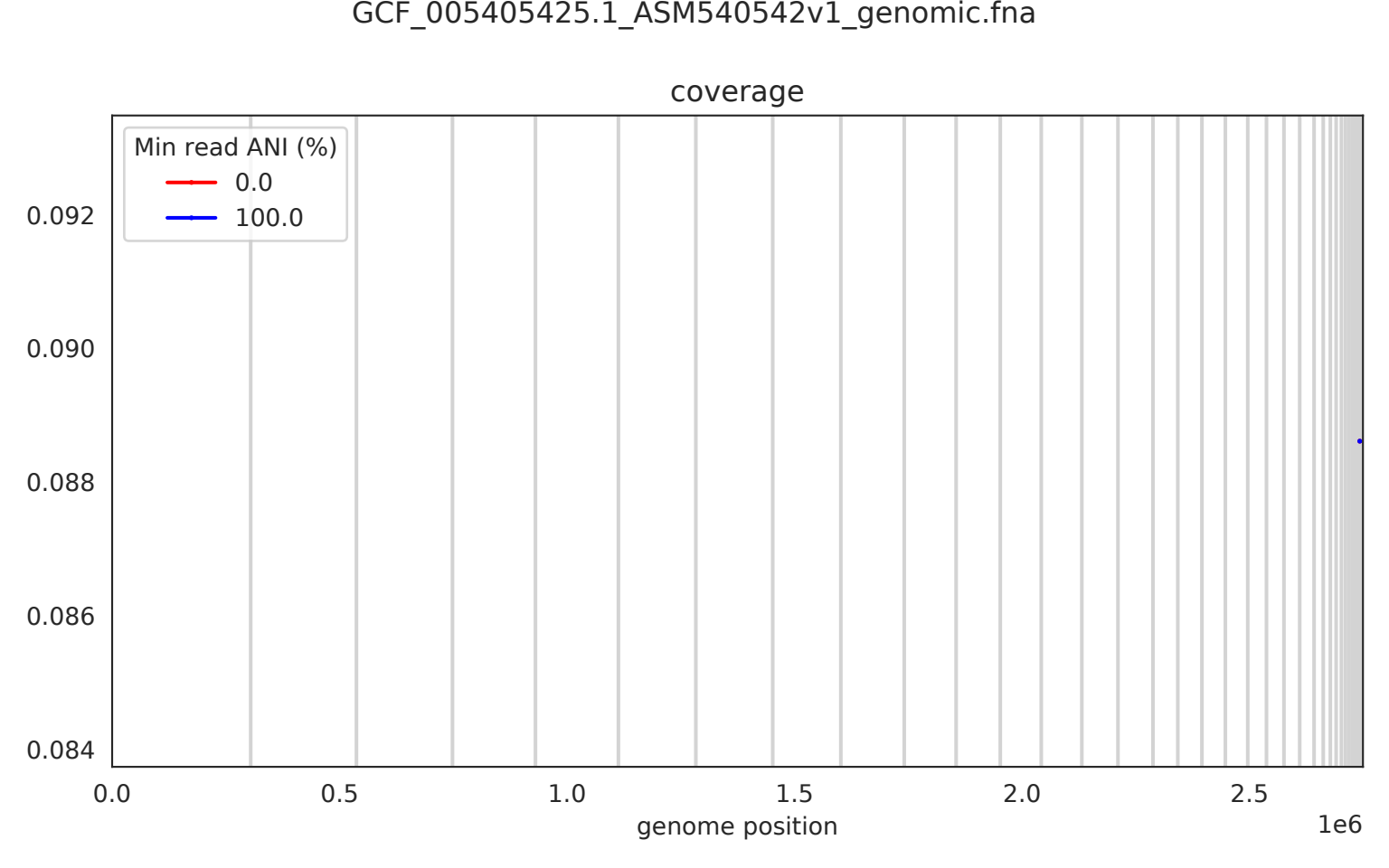

GCF_005405085.1_ASM540508v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.0375
0.0370
0.0365
0.0360
0.0355
0.0350
0.0345
0.0340
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

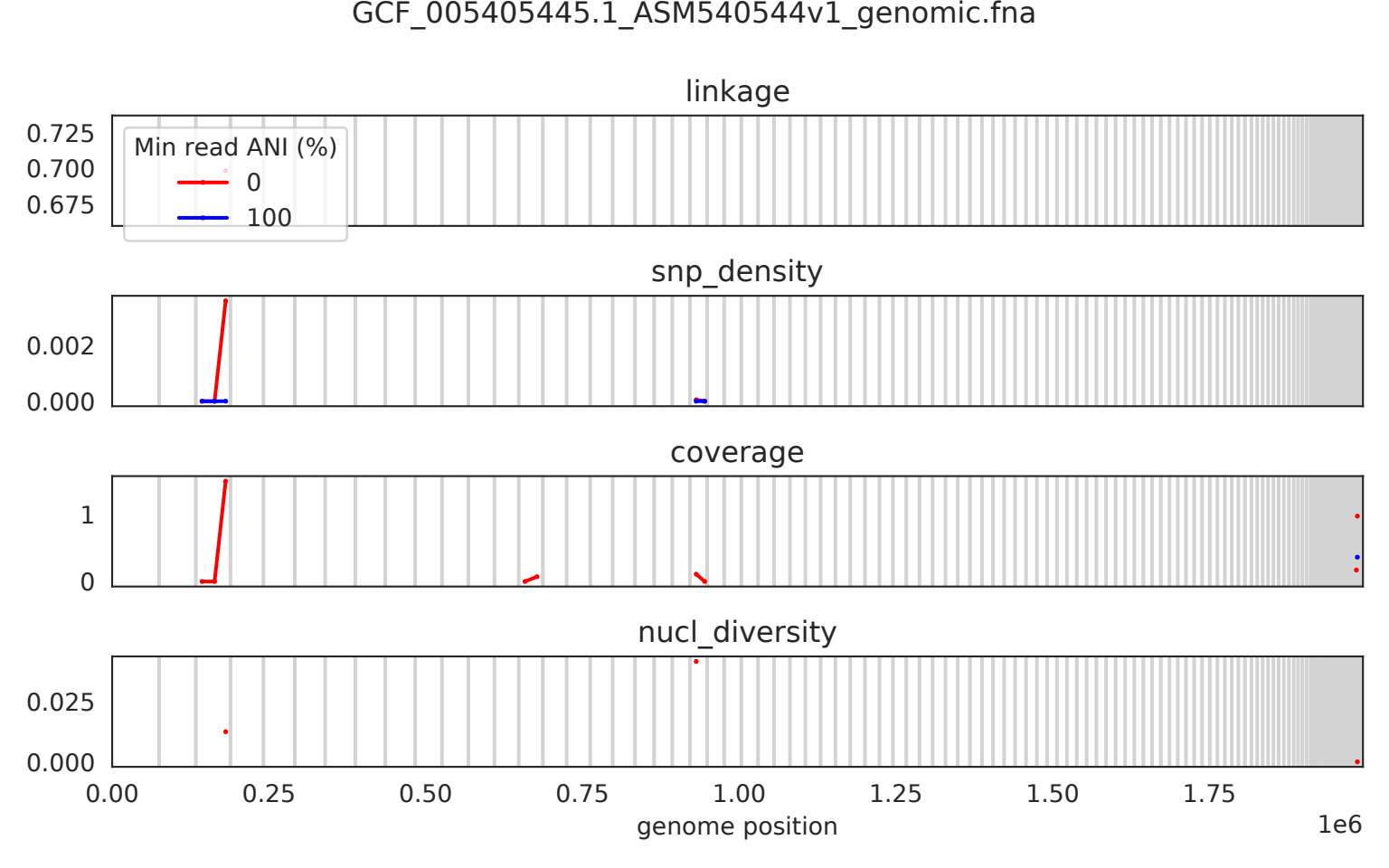

GCF_005405145.1_ASM540514v1_genomic.fna
snp_density
1e−5
5.0
2.5
0.0
Min read ANI (%)
0.0
100.0
coverage
0.2
0.1
nucl_diversity
0.0026
0.0025
0.0024
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6

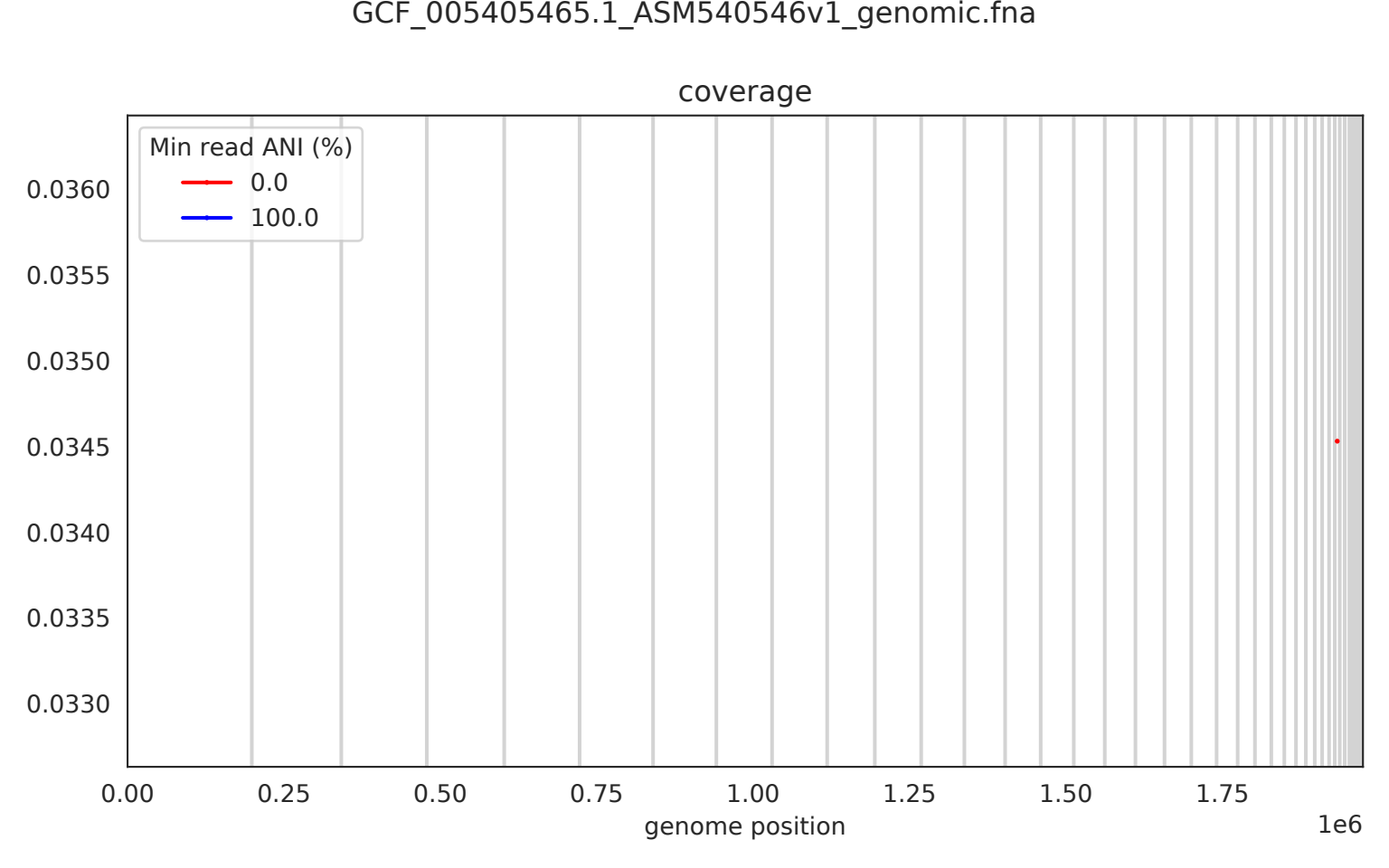

GCF_005405165.1_ASM540516v1_genomic.fna
snp_density
0.0002
0.0001
0.0000
Min read ANI (%)
0.0
100.0
coverage
0.50
0.25
nucl_diversity
0.0042
0.0040
0.0038
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

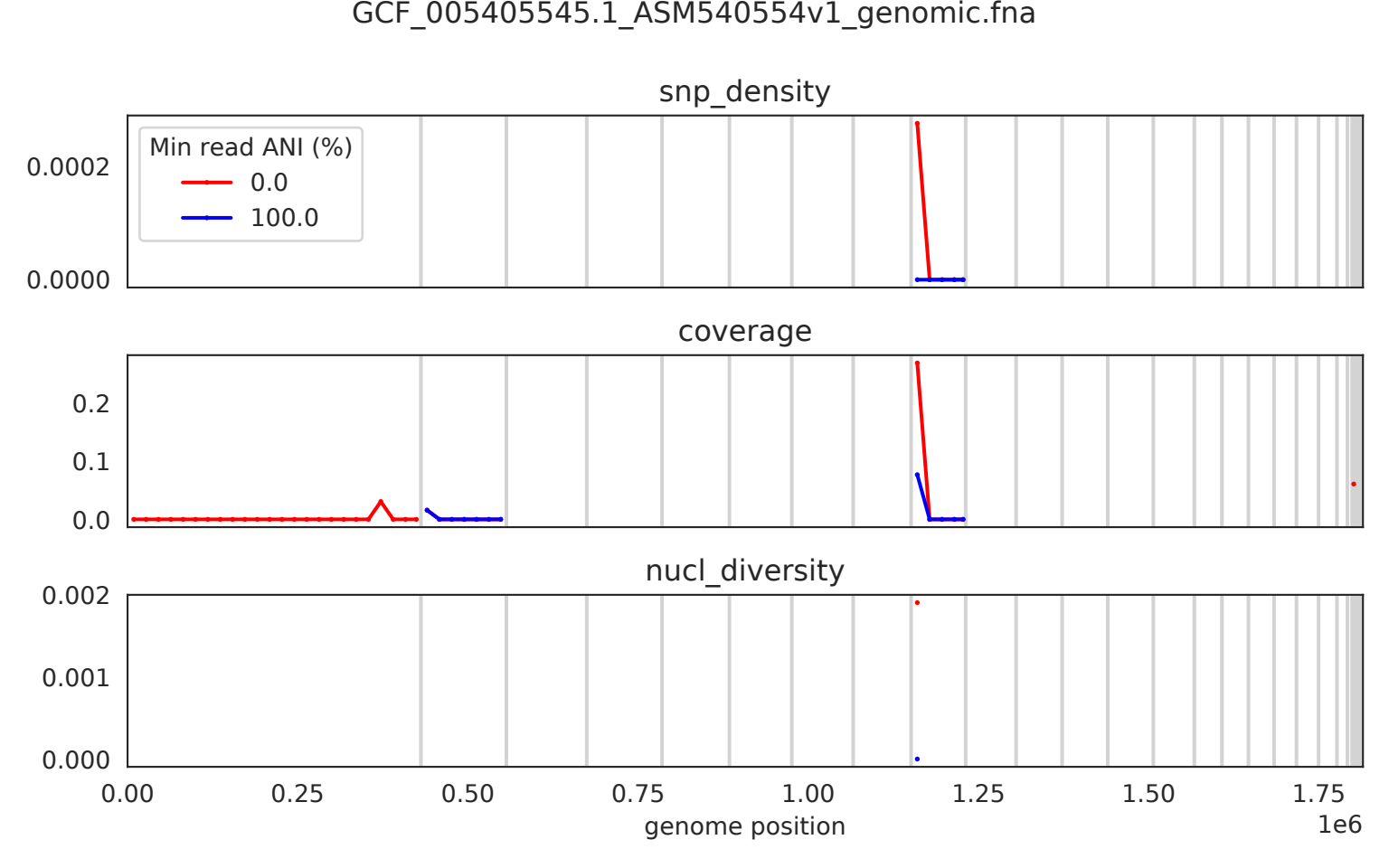

GCF_005405185.1_ASM540518v1_genomic.fna
linkage
0.29
0.28
0.27
Min read ANI (%)
0
100
snp_density
0.001
0.000
coverage
0.50
0.25
nucl_diversity
0.015
0.010
0.005
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

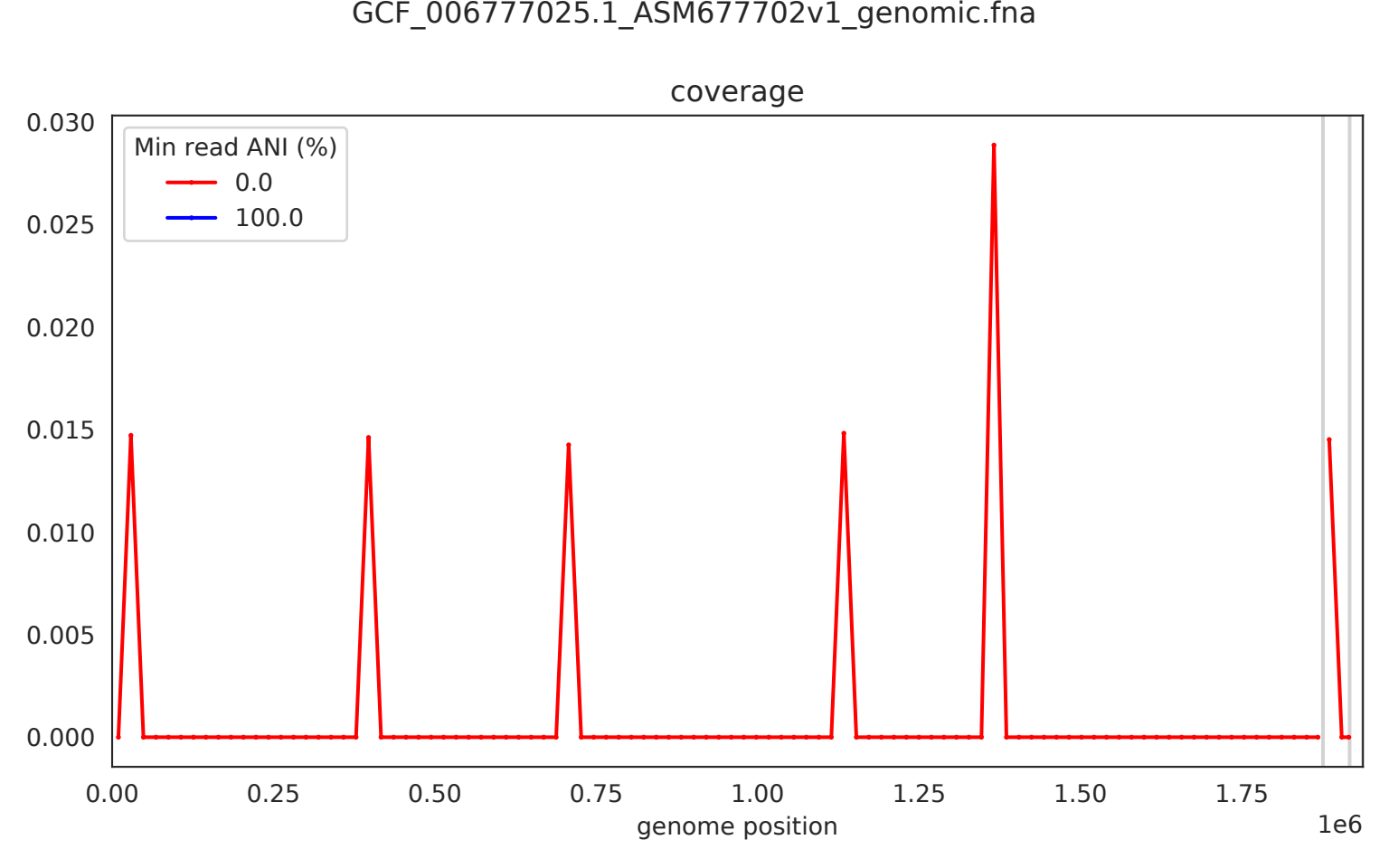

GCF_005405405.1_ASM540540v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.04
0.03
0.02
0.01
0.00
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

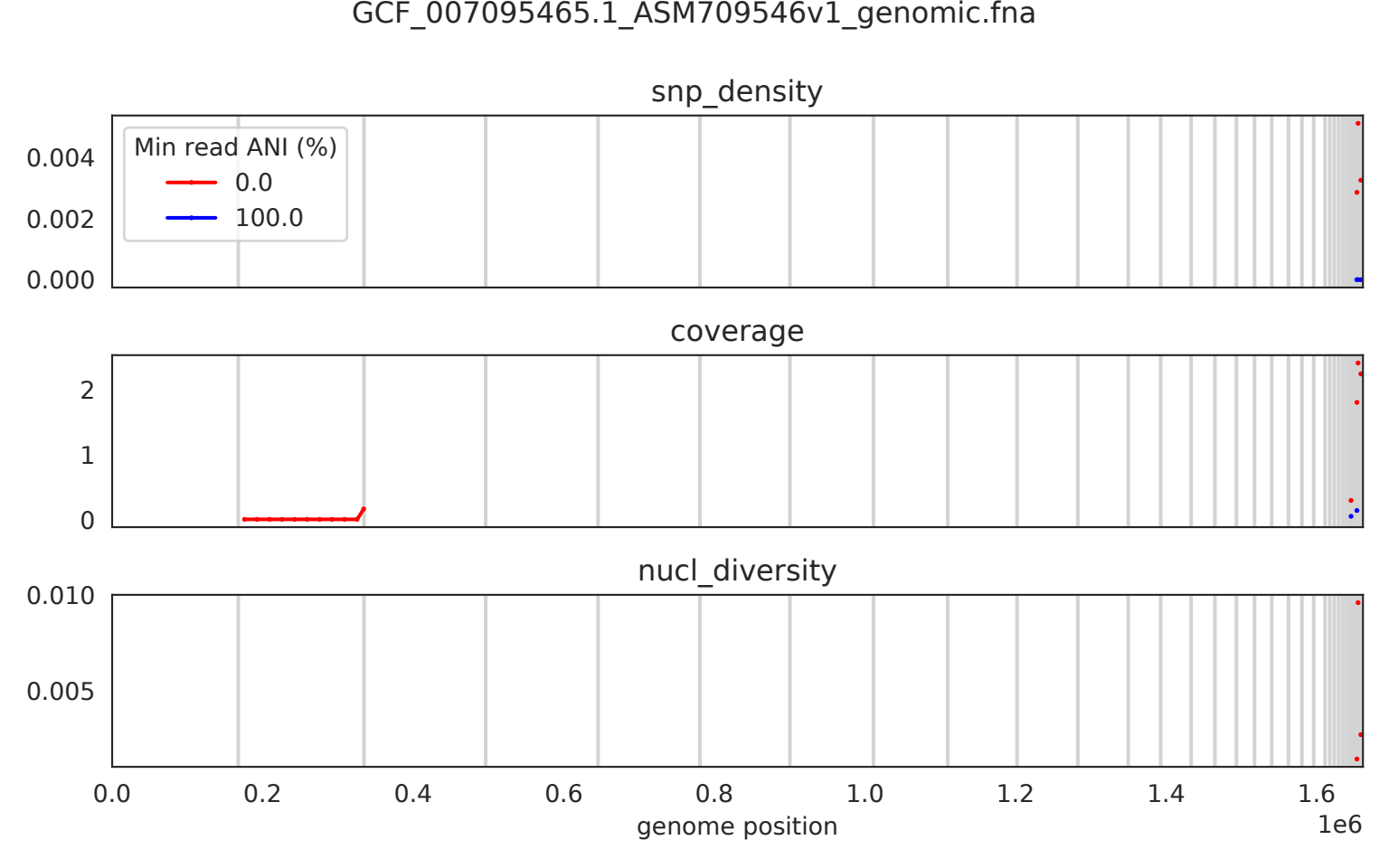

GCF_005405425.1_ASM540542v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.092
0.090
0.088
0.086
0.084
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

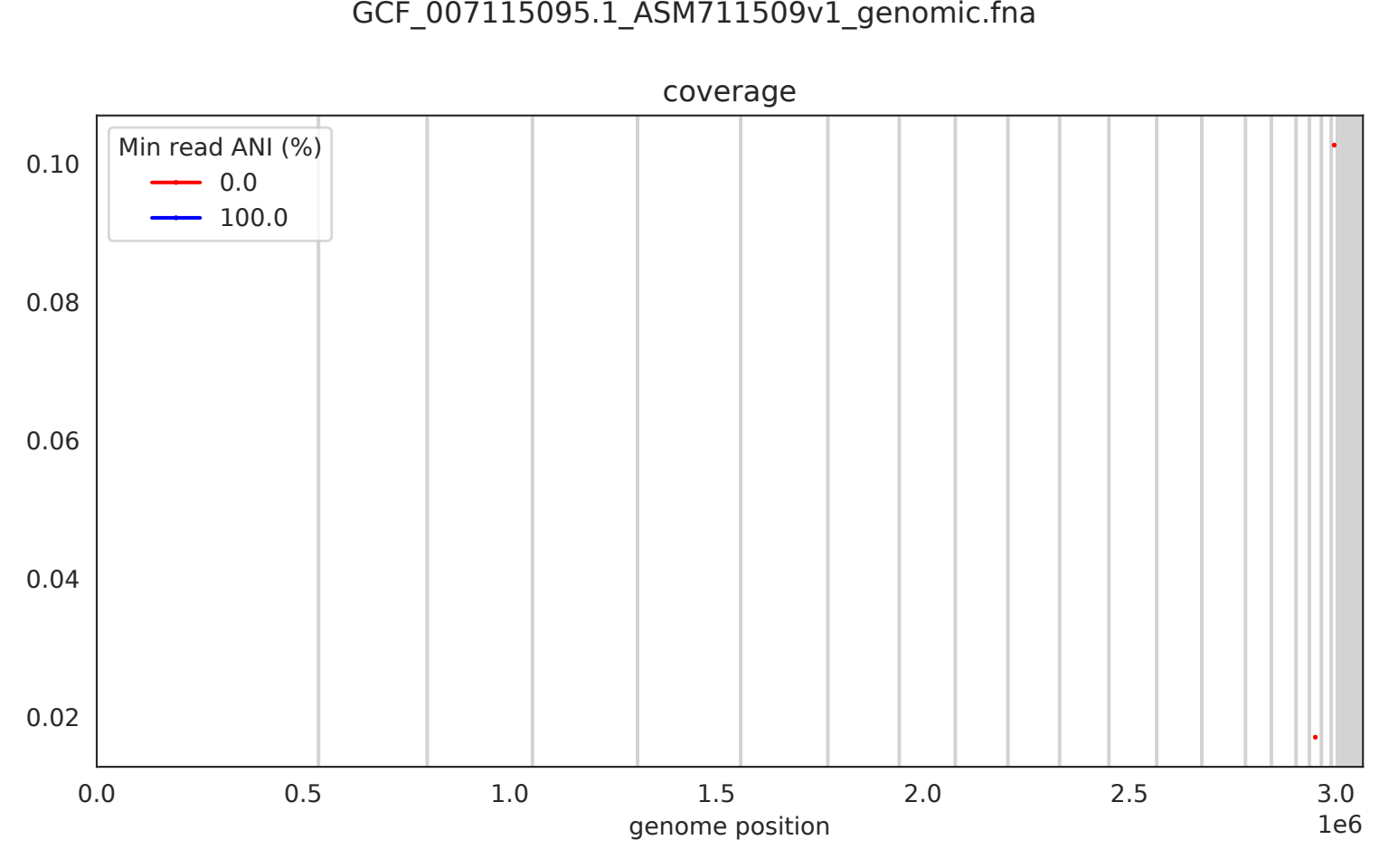

GCF_005405445.1_ASM540544v1_genomic.fna
linkage
0.725
0.700
0.675
Min read ANI (%)
0
100
snp_density
0.002
0.000
coverage
1
0
nucl_diversity
0.025
0.000
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

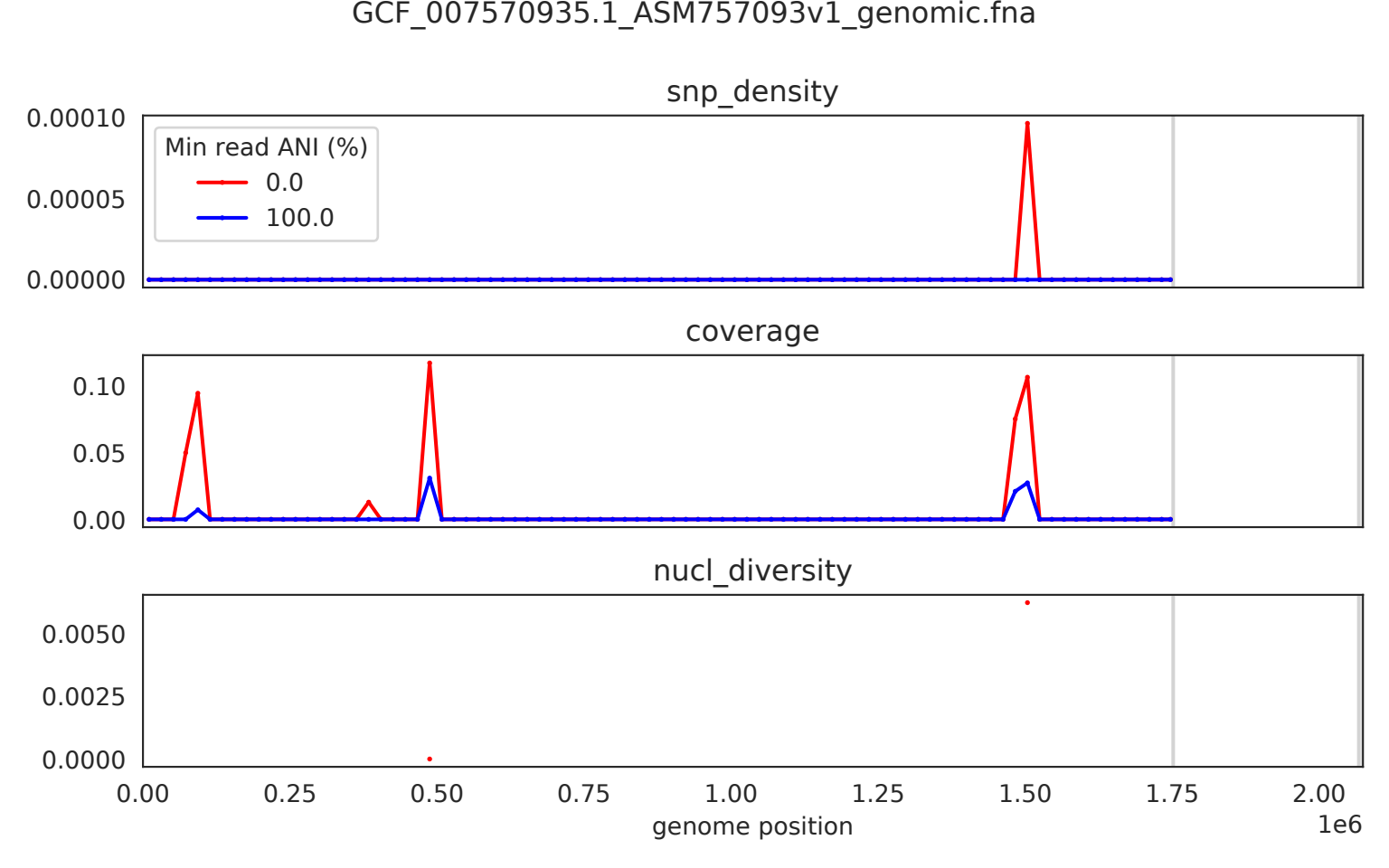

GCF_005405465.1_ASM540546v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.0360
0.0355
0.0350
0.0345
0.0340
0.0335
0.0330
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

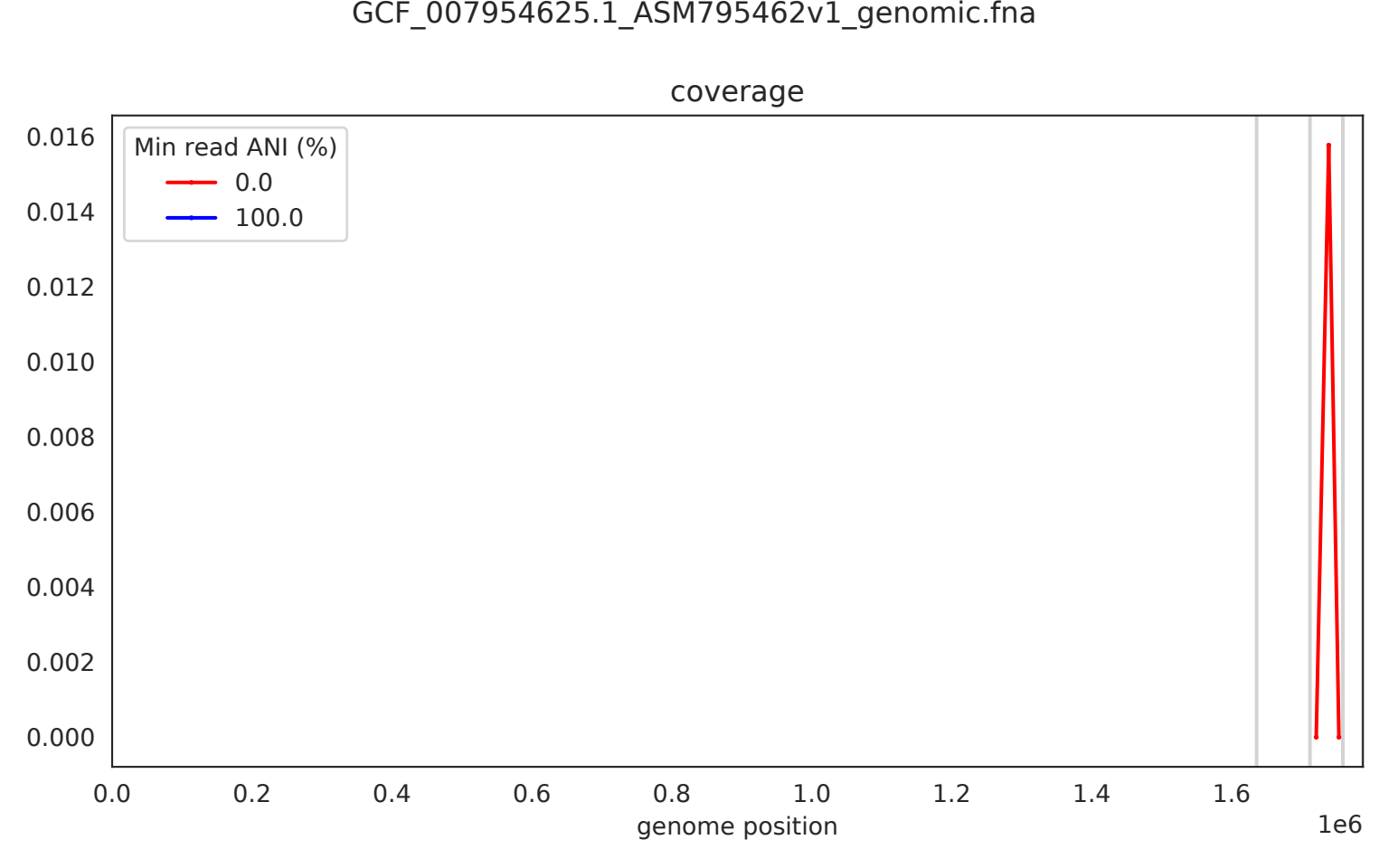

GCF_005405545.1_ASM540554v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0002
0.0000
coverage
0.2
0.1
0.0
nucl_diversity
0.002
0.001
0.000
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

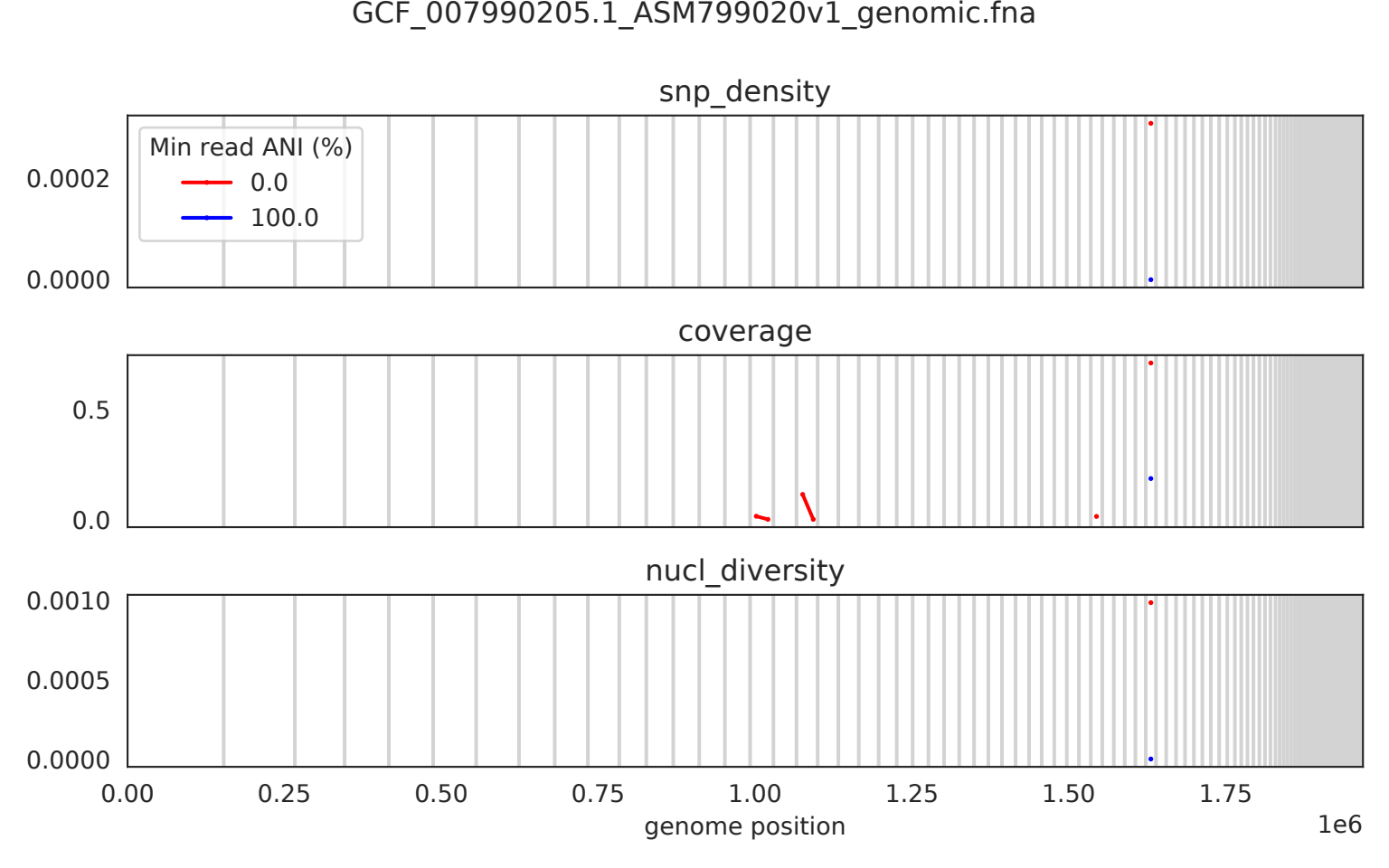

GCF_006777025.1_ASM677702v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.030
0.025
0.020
0.015
0.010
0.005
0.000
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

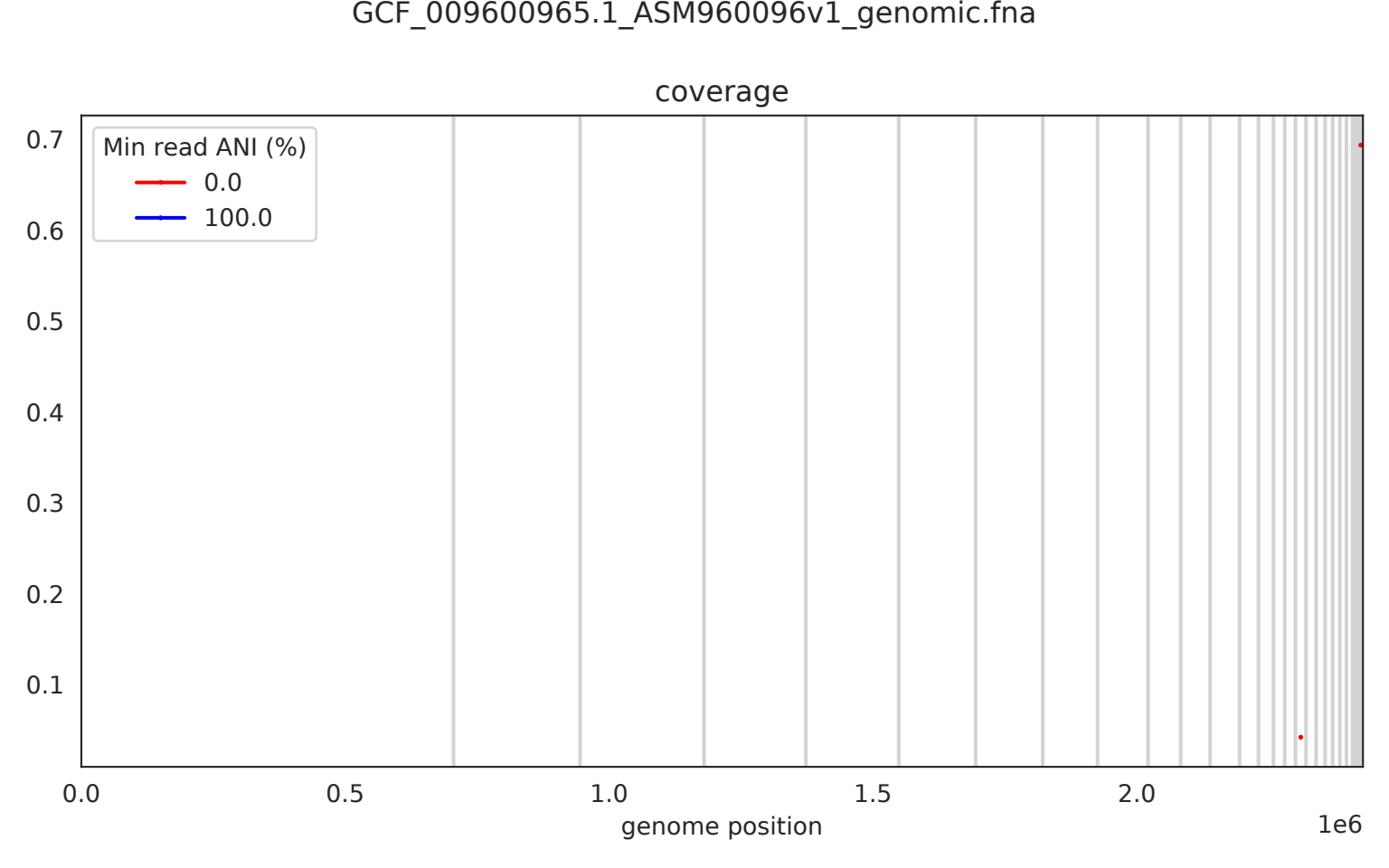

GCF_007095465.1_ASM709546v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.004
0.002
0.000
coverage
2
1
0
nucl_diversity
0.010
0.005
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6

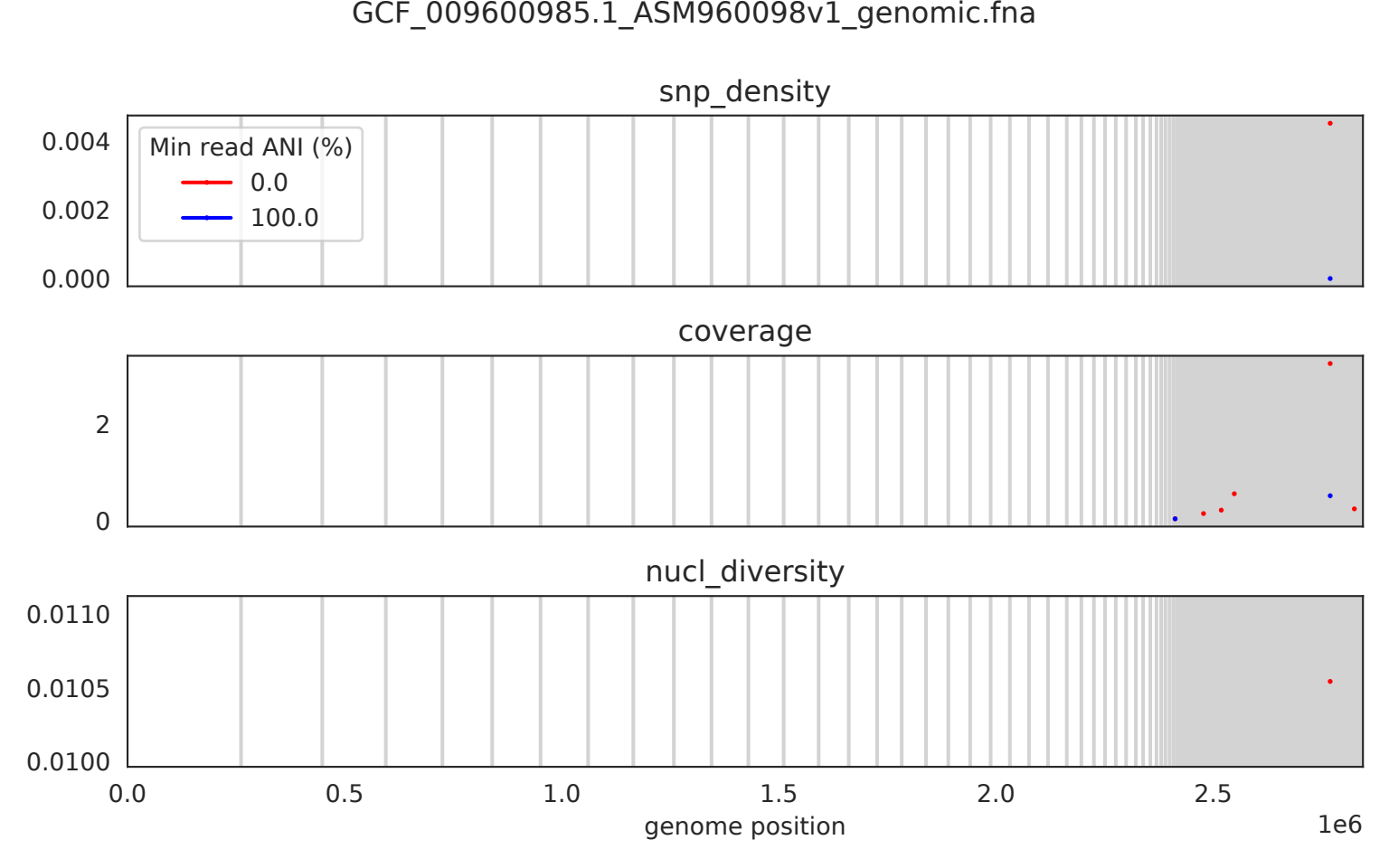

GCF_007115095.1_ASM711509v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.10
0.08
0.06
0.04
0.02
0.0
0.5
1.0
1.5
2.0
2.5
3.0
genome position
1e6

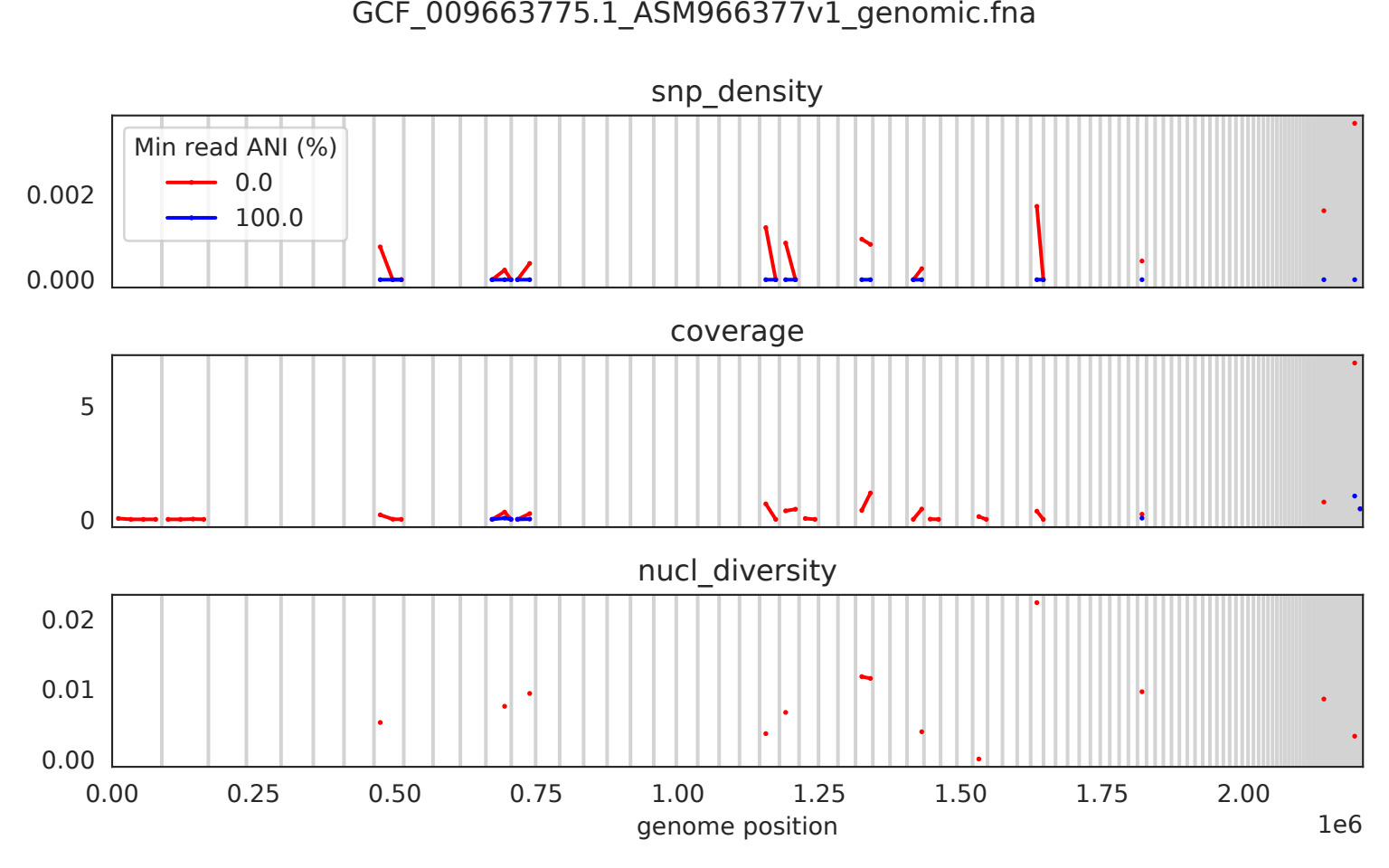

GCF_007570935.1_ASM757093v1_genomic.fna
snp_density
0.00010
0.00005
0.00000
Min read ANI (%)
0.0
100.0
coverage
0.10
0.05
0.00
nucl_diversity
0.0050
0.0025
0.0000
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

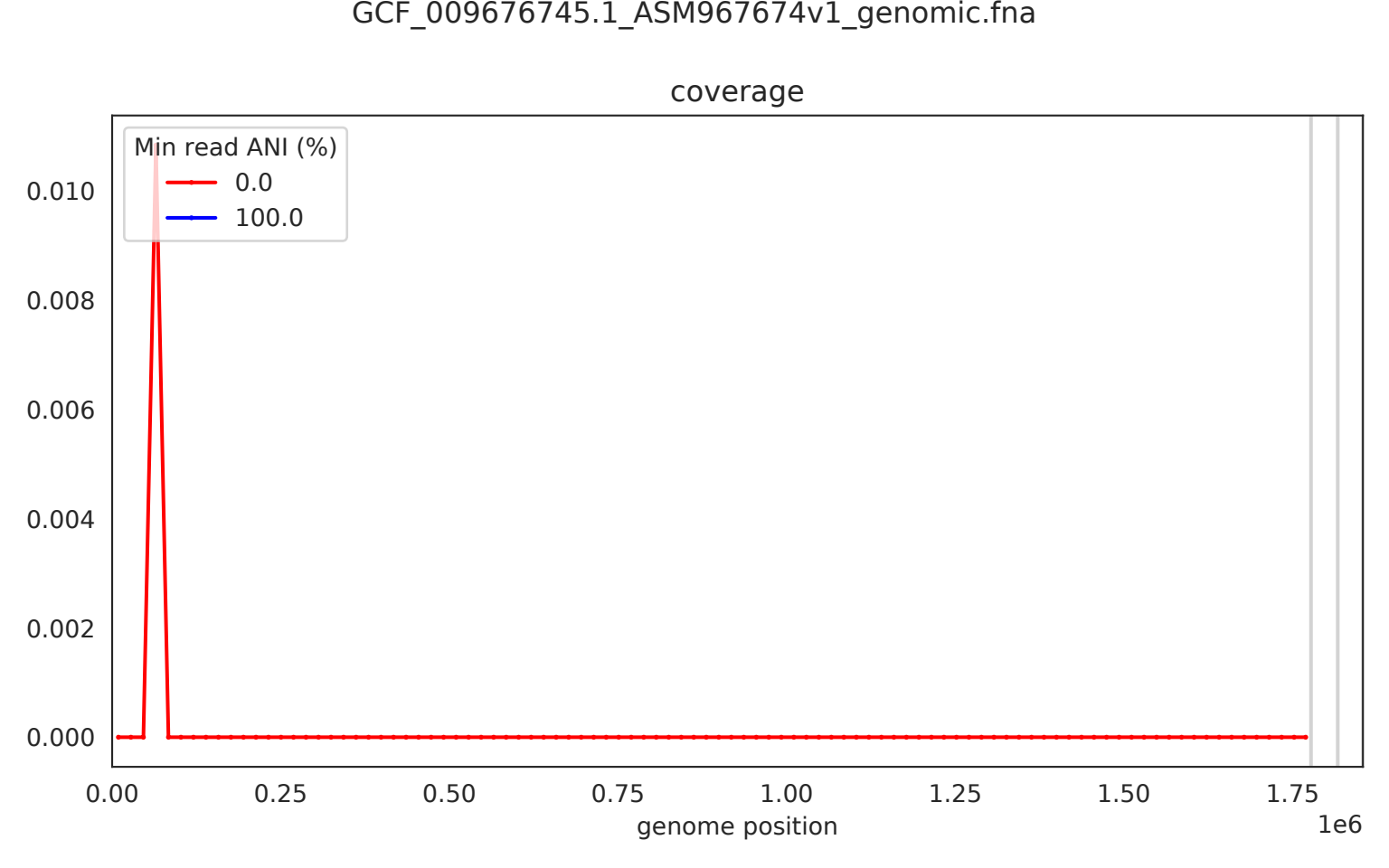

GCF_007954625.1_ASM795462v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.016
0.014
0.012
0.010
0.008
0.006
0.004
0.002
0.000
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6

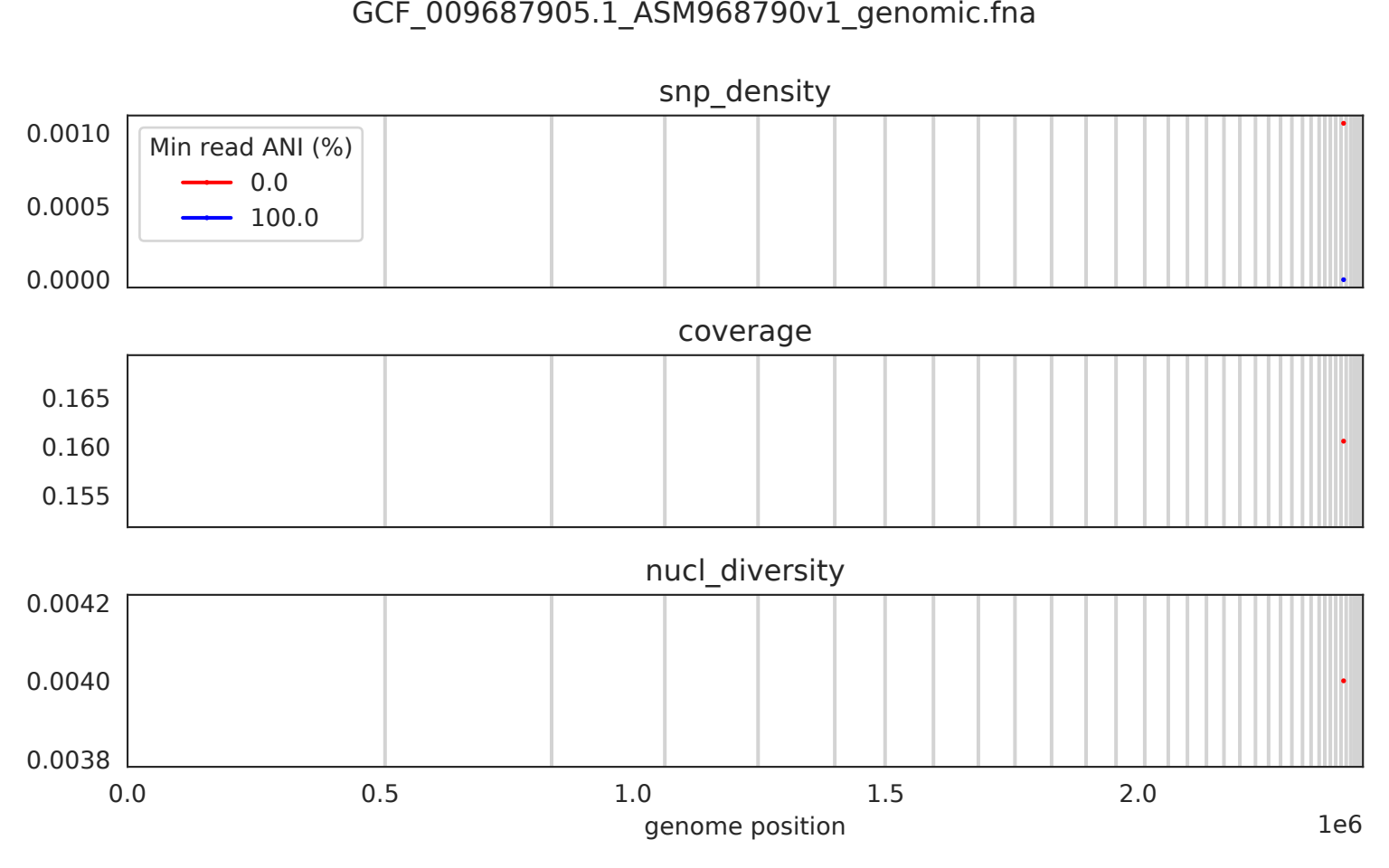

GCF_007990205.1_ASM799020v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0002
0.0000
coverage
0.5
0.0
nucl_diversity
0.0010
0.0005
0.0000
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

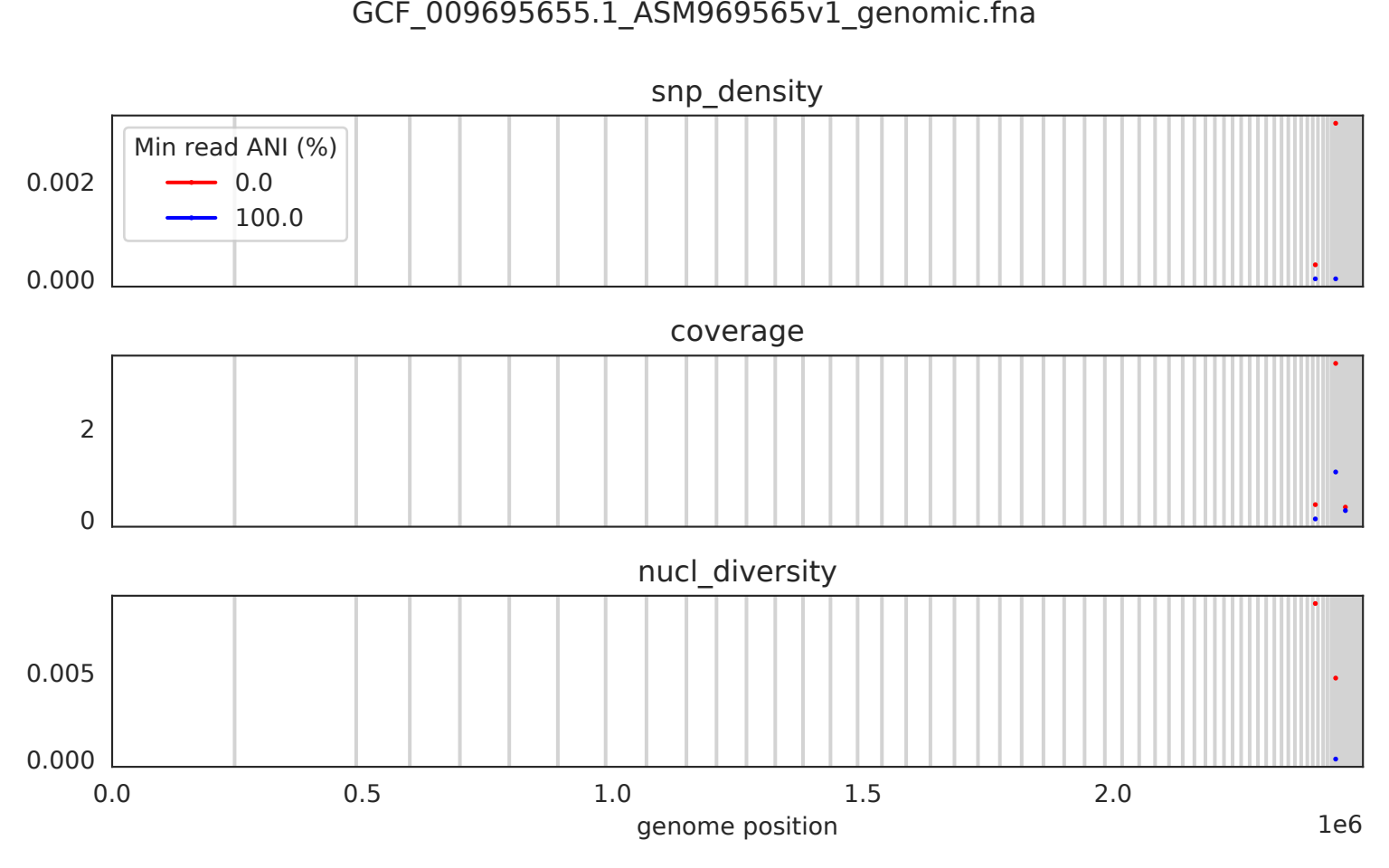

GCF_009600965.1_ASM960096v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.5
1.0
1.5
2.0
genome position
1e6

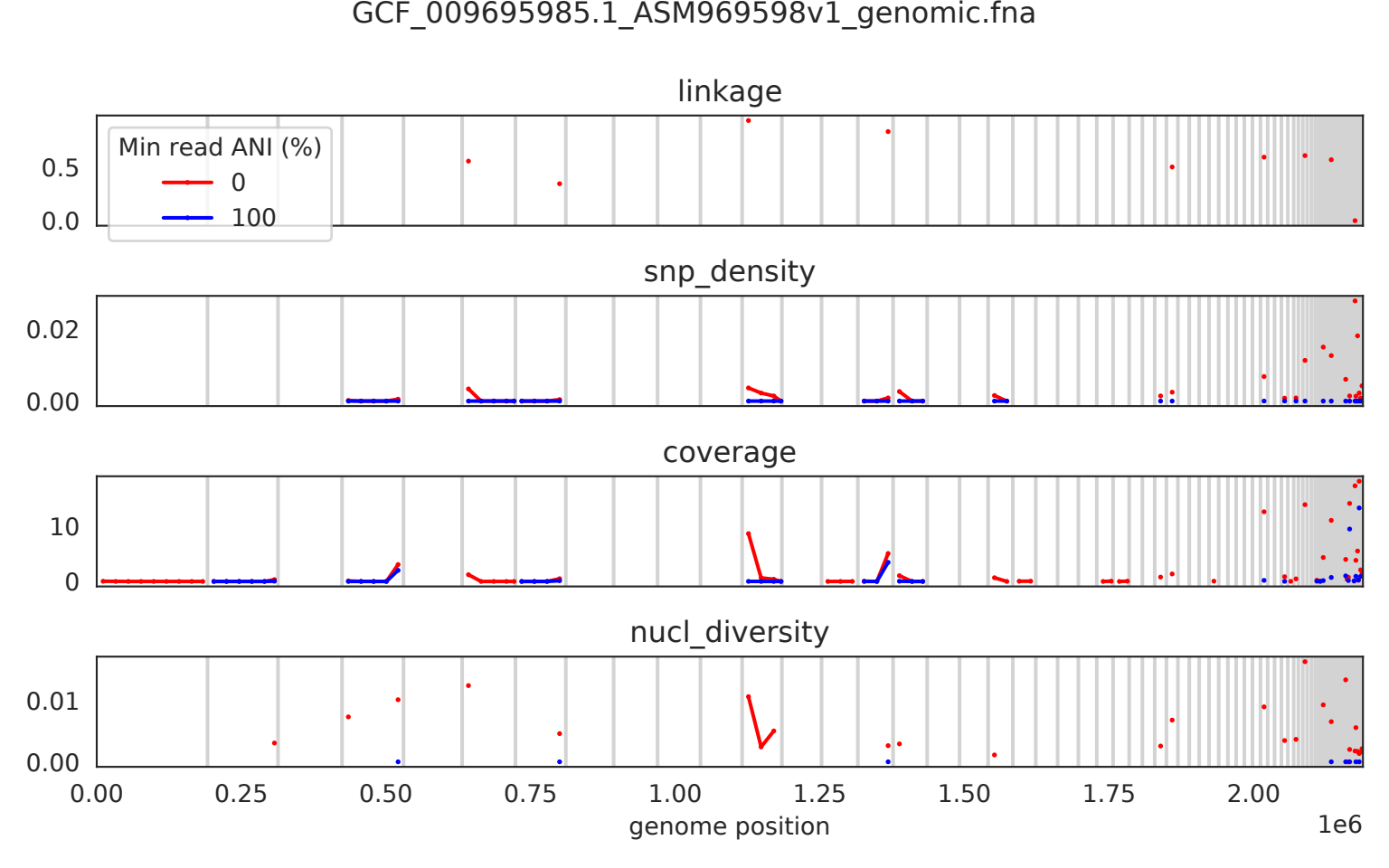

GCF_009600985.1_ASM960098v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.004
0.002
0.000
coverage
2
0
nucl_diversity
0.0110
0.0105
0.0100
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

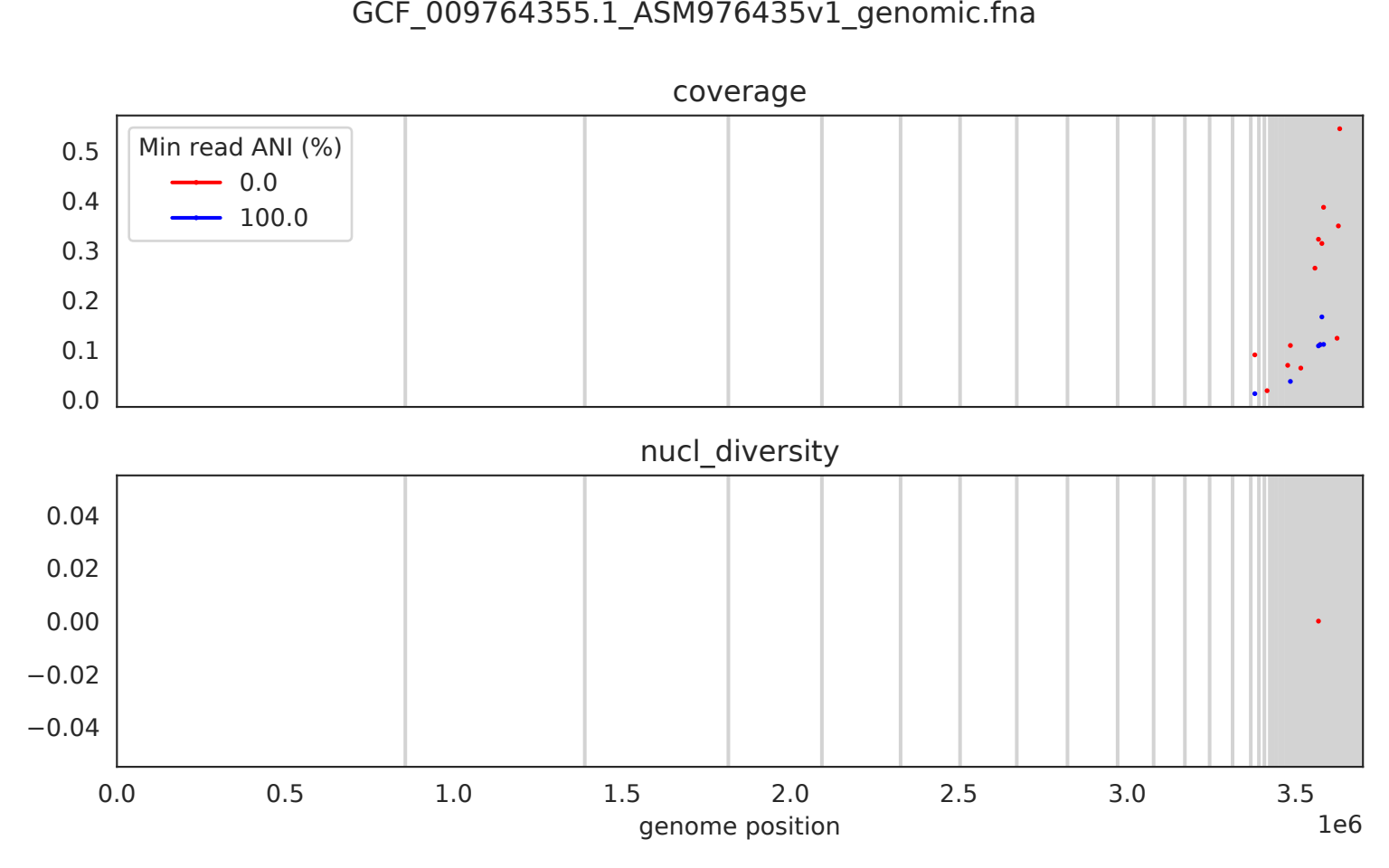

GCF_009663775.1_ASM966377v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.002
0.000
coverage
5
0
nucl_diversity
0.02
0.01
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

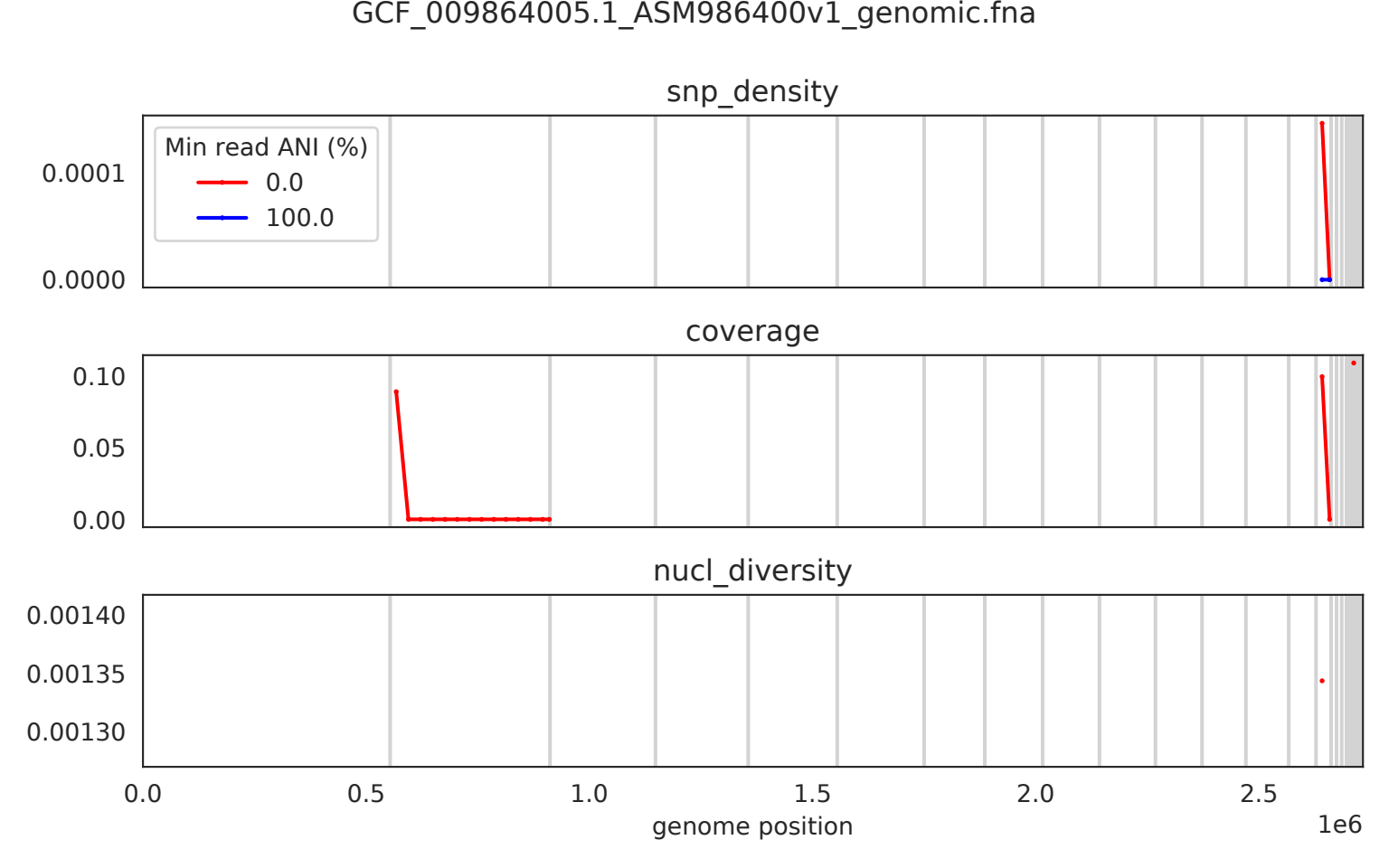

GCF_009676745.1_ASM967674v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.010
0.008
0.006
0.004
0.002
0.000
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

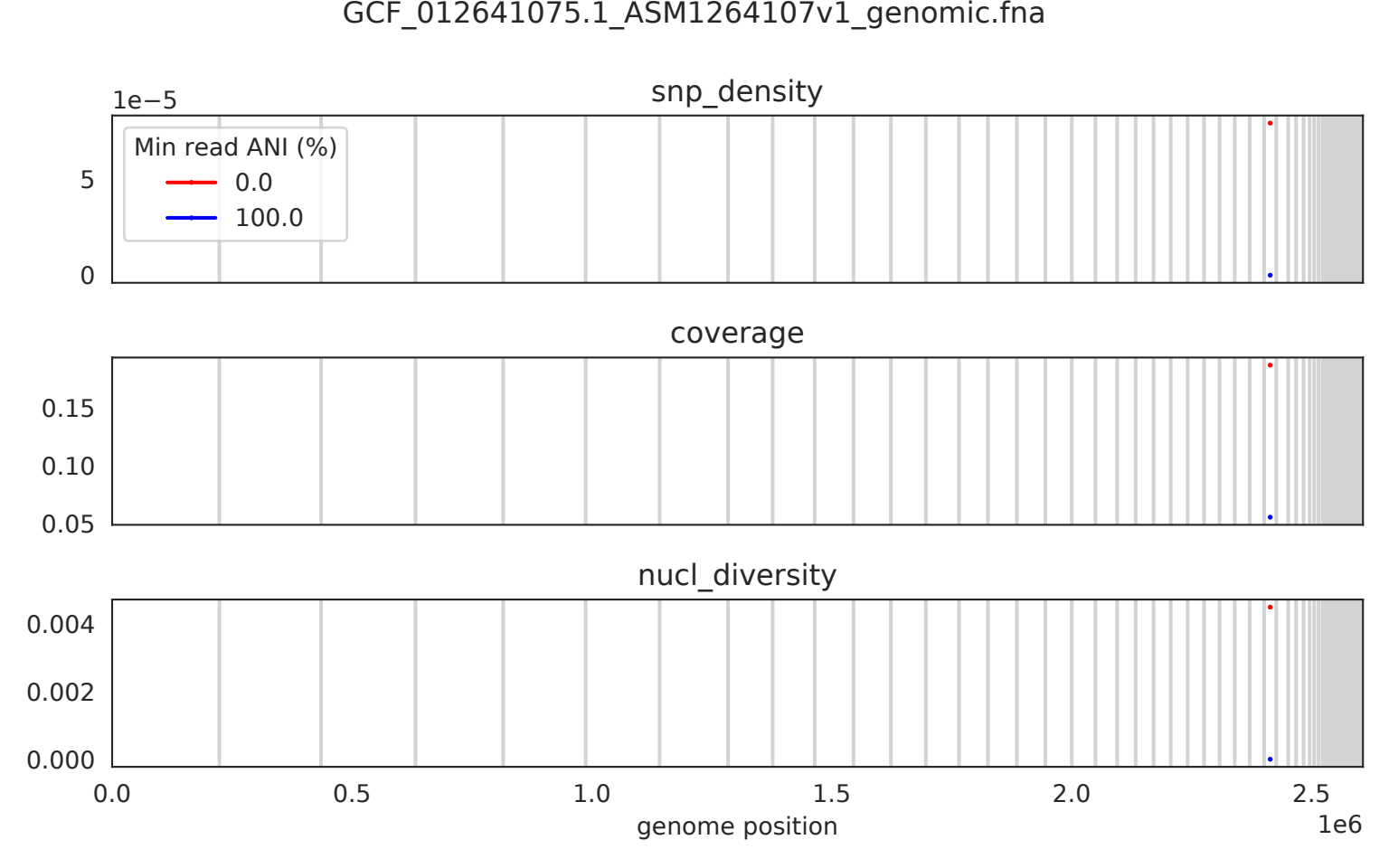

GCF_009687905.1_ASM968790v1_genomic.fna
snp_density
0.0010
0.0005
0.0000
Min read ANI (%)
0.0
100.0
coverage
0.165
0.160
0.155
nucl_diversity
0.0042
0.0040
0.0038
0.0
0.5
1.0
1.5
2.0
genome position
1e6

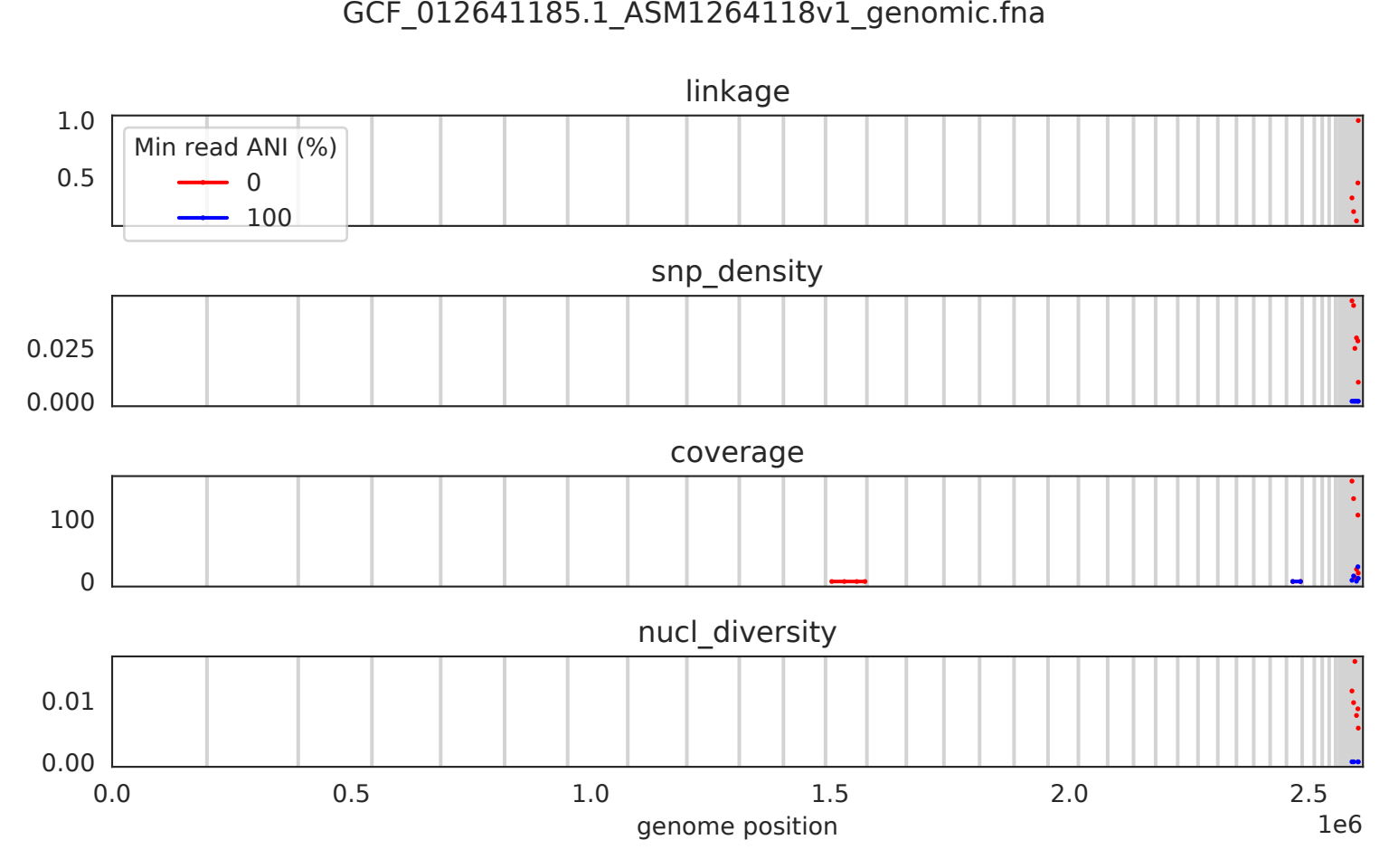

GCF_009695655.1_ASM969565v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.002
0.000
coverage
2
0
nucl_diversity
0.005
0.000
0.0
0.5
1.0
1.5
2.0
genome position
1e6

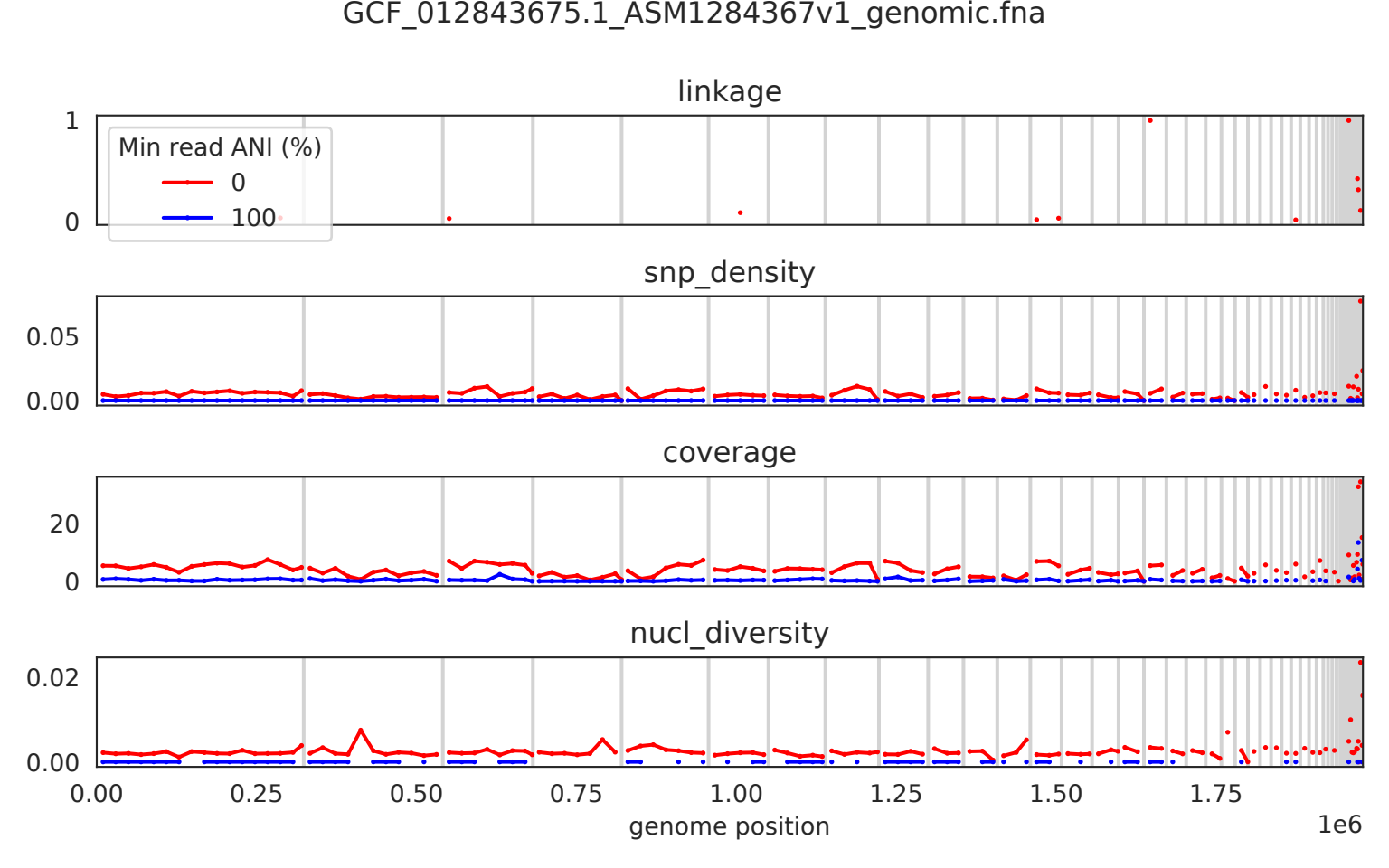

GCF_009695985.1_ASM969598v1_genomic.fna
linkage
Min read ANI (%)
0
100
0.5
0.0
snp_density
0.02
0.00
coverage
10
0
nucl_diversity
0.01
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

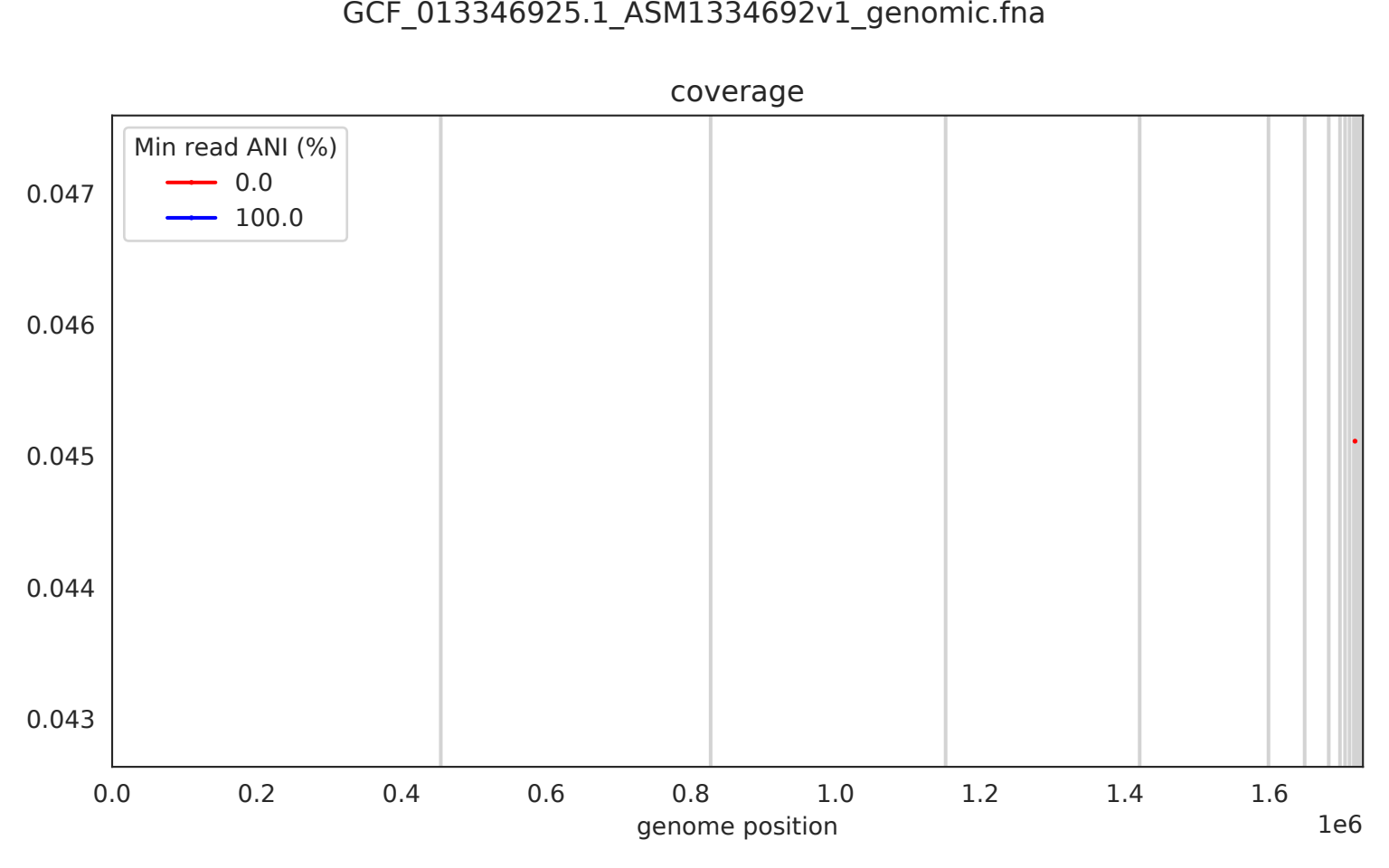

GCF_009764355.1_ASM976435v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.5
0.4
0.3
0.2
0.1
0.0
nucl_diversity
0.04
0.02
0.00
−0.02
−0.04
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
genome position
1e6

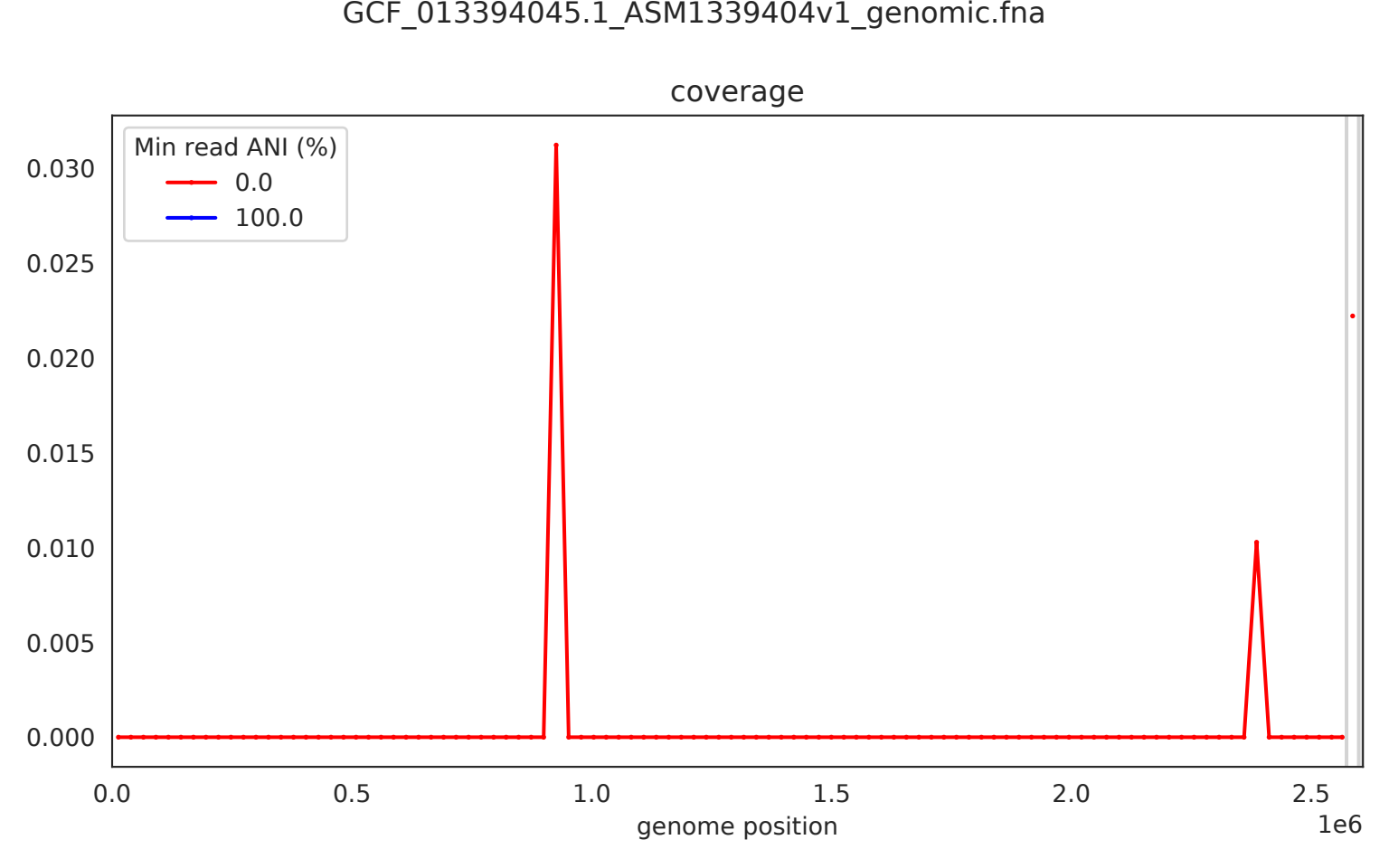

GCF_009864005.1_ASM986400v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0001
0.0000
coverage
0.10
0.05
0.00
nucl_diversity
0.00140
0.00135
0.00130
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

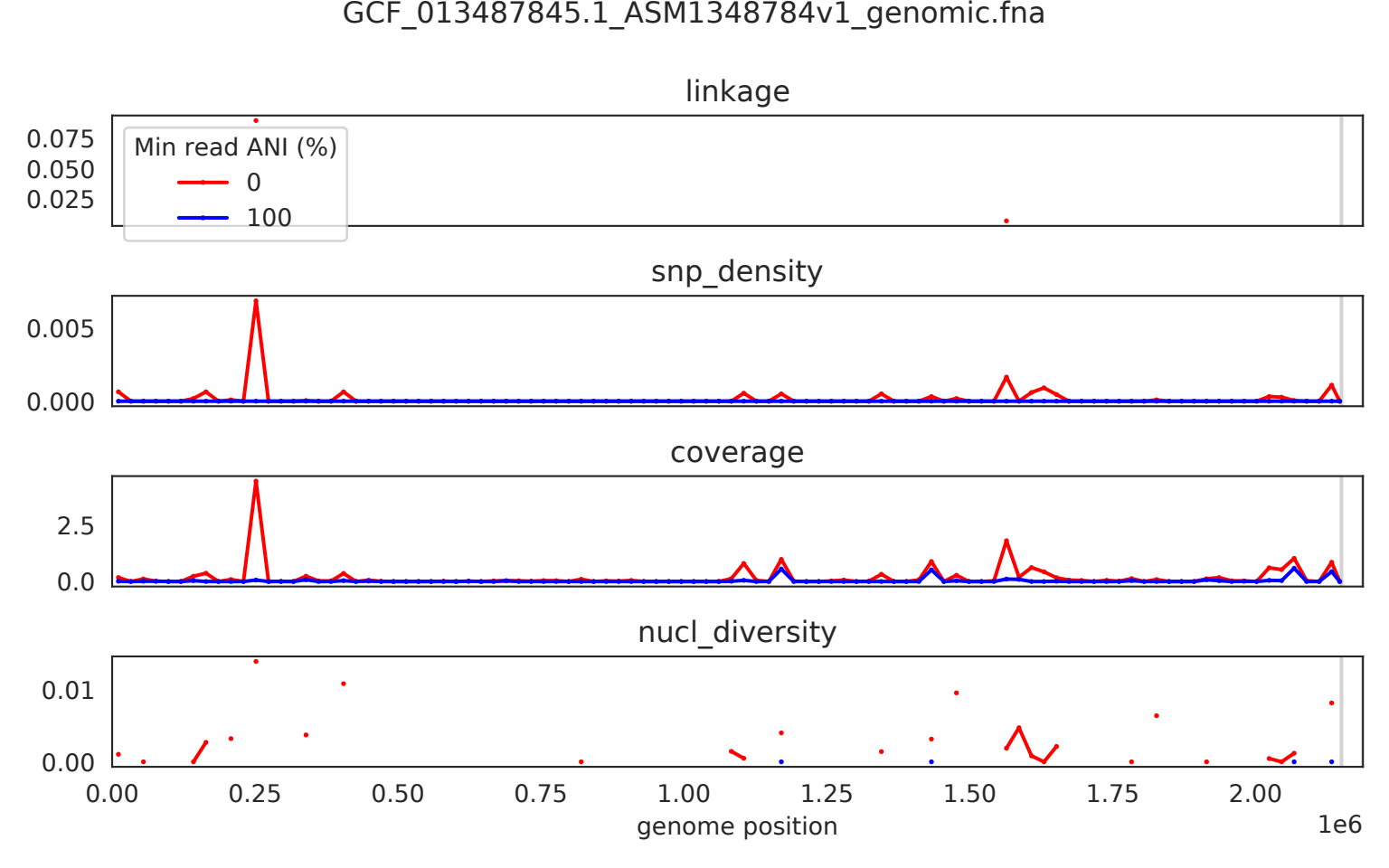

GCF_012641075.1_ASM1264107v1_genomic.fna
snp_density
1e−5
Min read ANI (%)
0.0
100.0
5
0
coverage
0.15
0.10
0.05
nucl_diversity
0.004
0.002
0.000
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

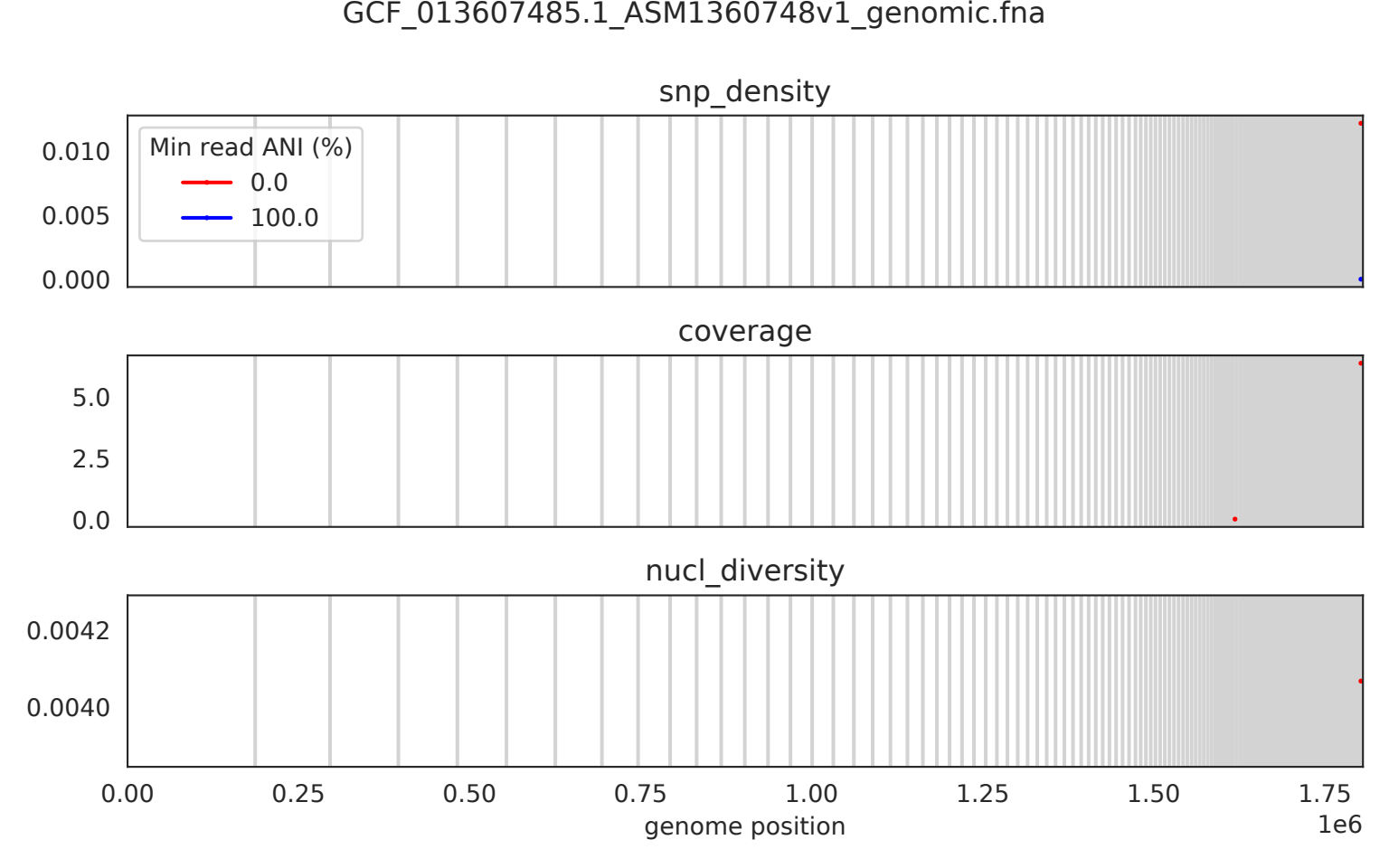

GCF_012641185.1_ASM1264118v1_genomic.fna
linkage
1.0
0.5
Min read ANI (%)
0
100
snp_density
0.025
0.000
coverage
100
0
nucl_diversity
0.01
0.00
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

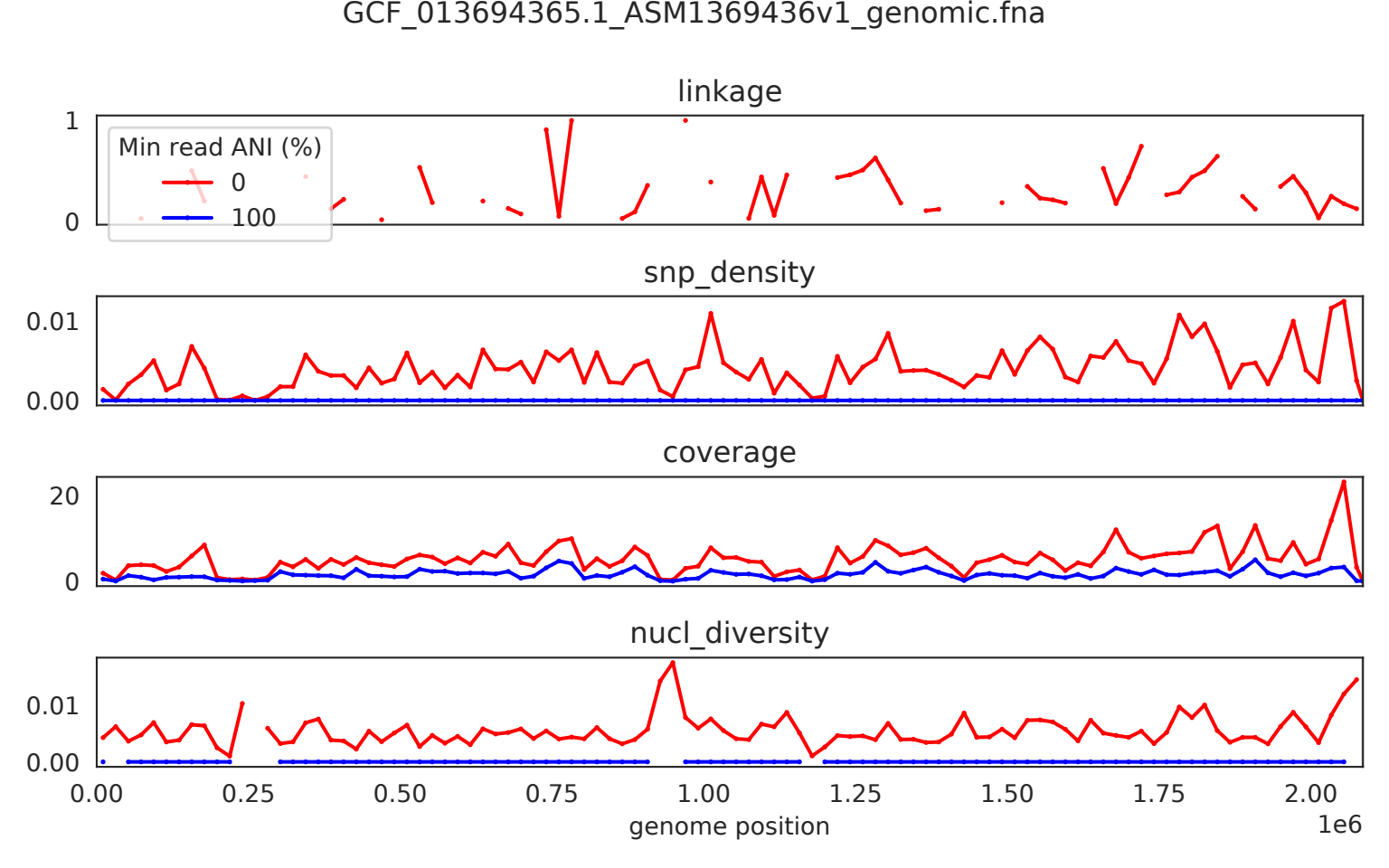

GCF_012843675.1_ASM1284367v1_genomic.fna
linkage
1
0
Min read ANI (%)
0
100
snp_density
0.05
0.00
coverage
20
0
nucl_diversity
0.02
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

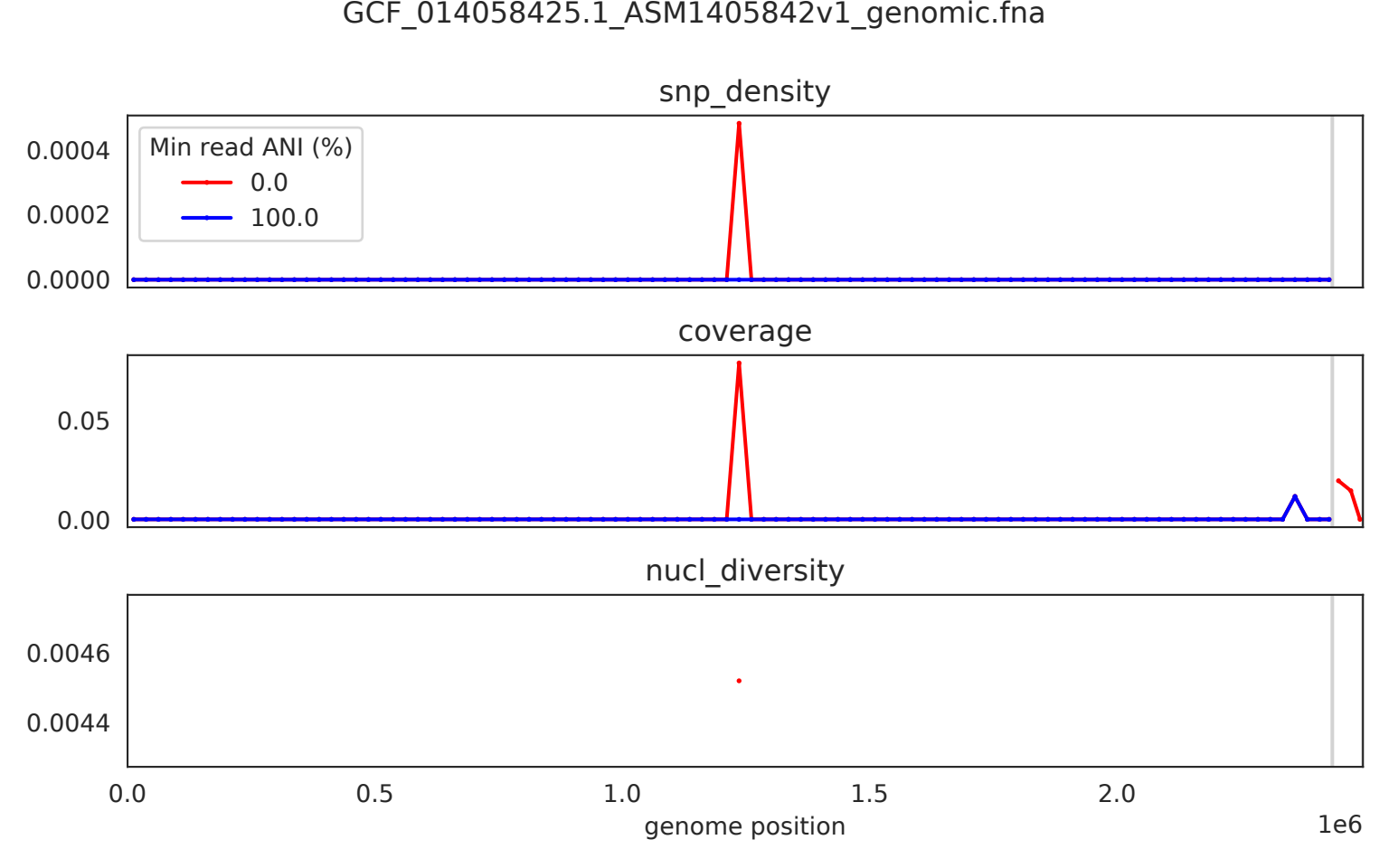

GCF_013346925.1_ASM1334692v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.047
0.046
0.045
0.044
0.043
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6

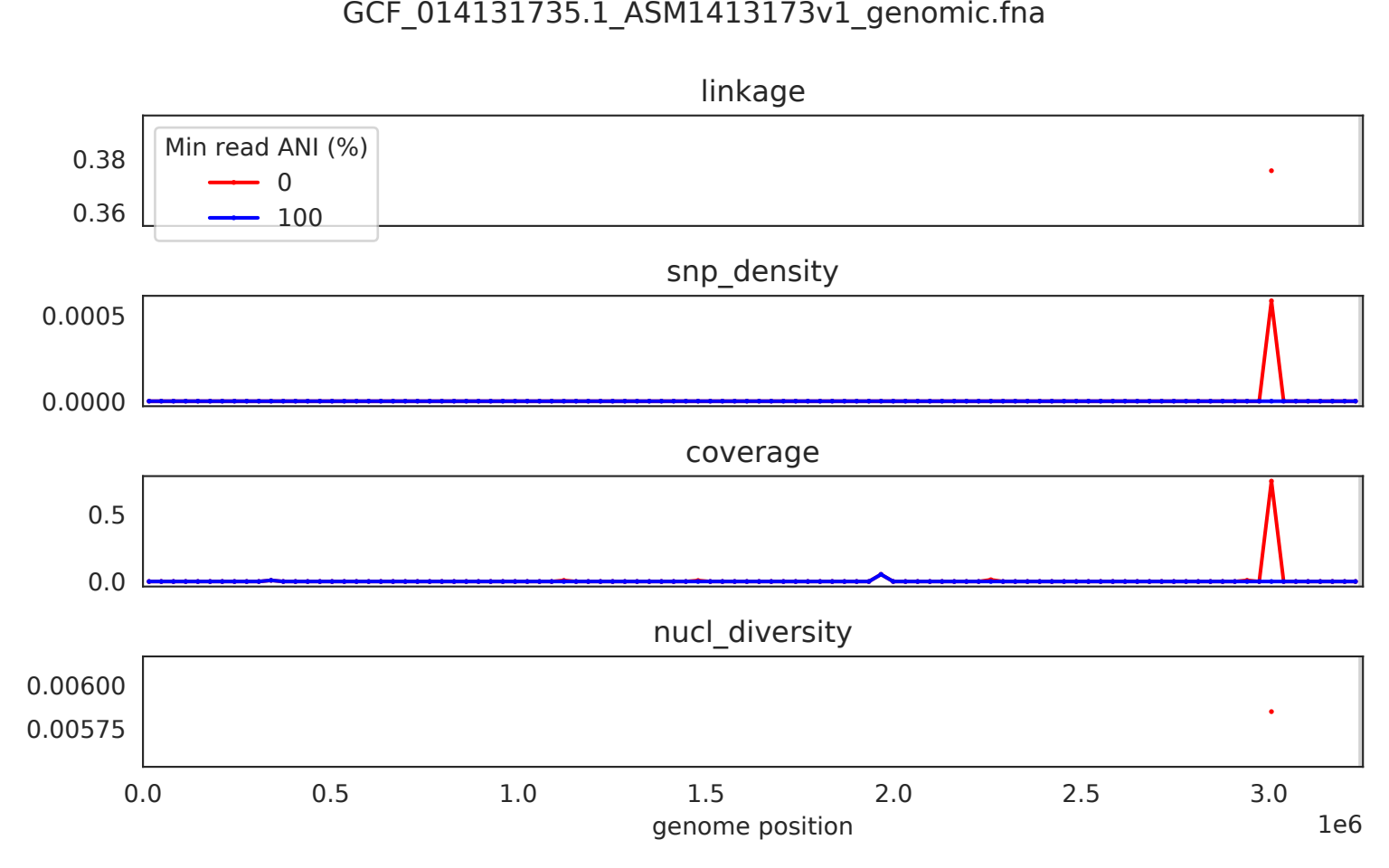

GCF_013394045.1_ASM1339404v1_genomic.fna
coverage
Min read ANI (%)
0.0
100.0
0.030
0.025
0.020
0.015
0.010
0.005
0.000
0.0
0.5
1.0
1.5
2.0
2.5
genome position
1e6

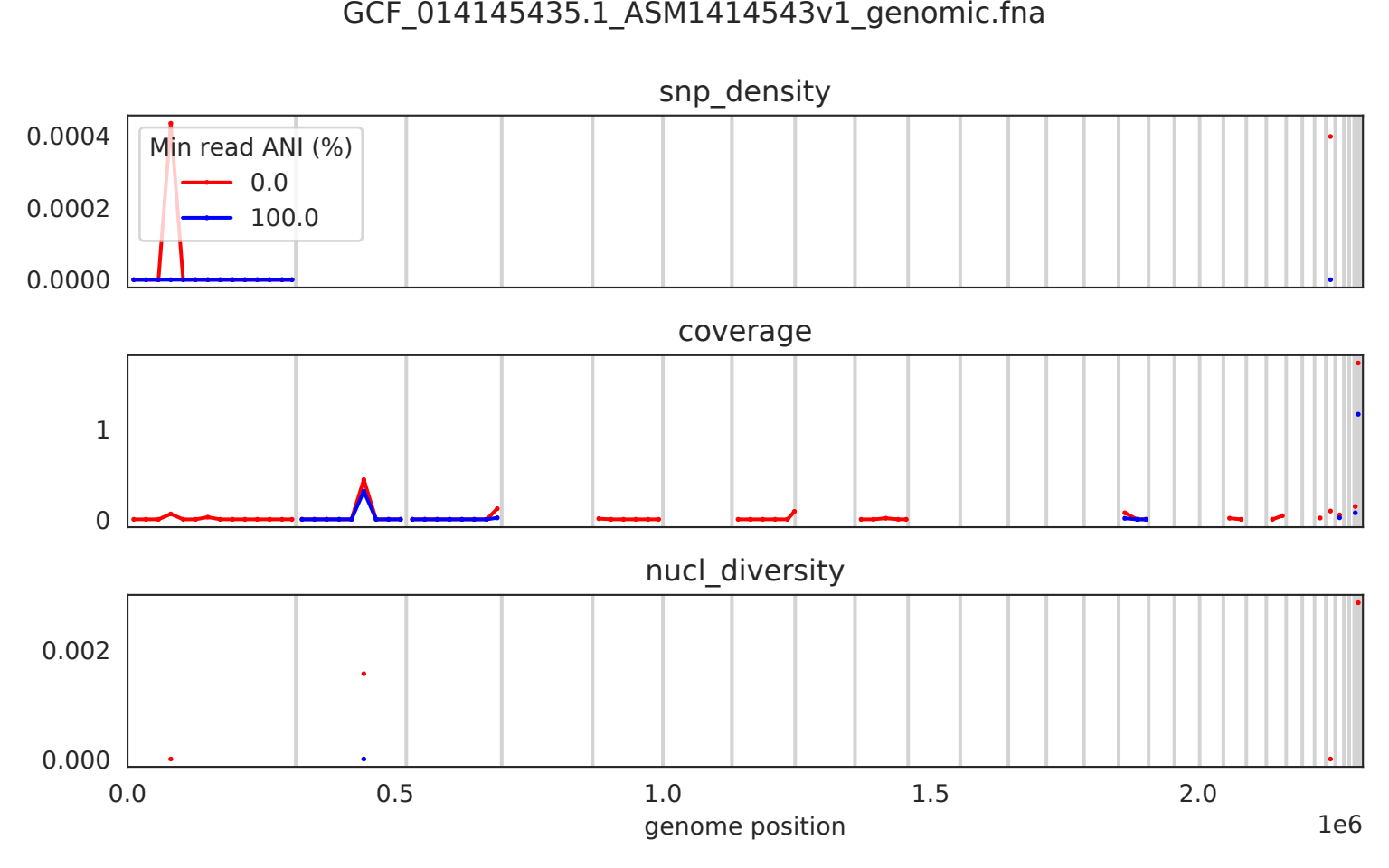

GCF_013487845.1_ASM1348784v1_genomic.fna
linkage
Min read ANI (%)
0
100
0.075
0.050
0.025
snp_density
0.005
0.000
coverage
2.5
0.0
nucl_diversity
0.01
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

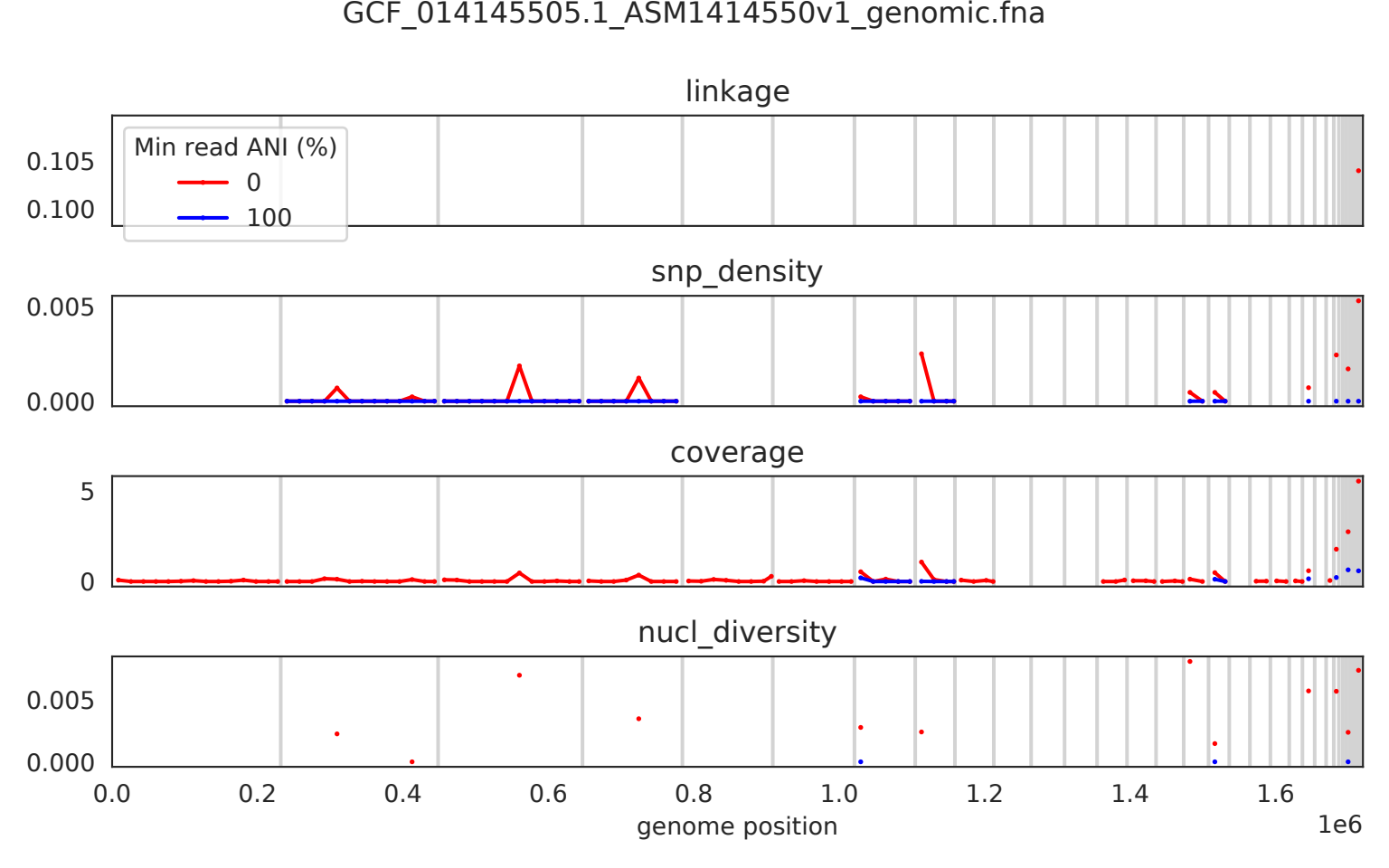

GCF_013607485.1_ASM1360748v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.010
0.005
0.000
coverage
5.0
2.5
0.0
nucl_diversity
0.0042
0.0040
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

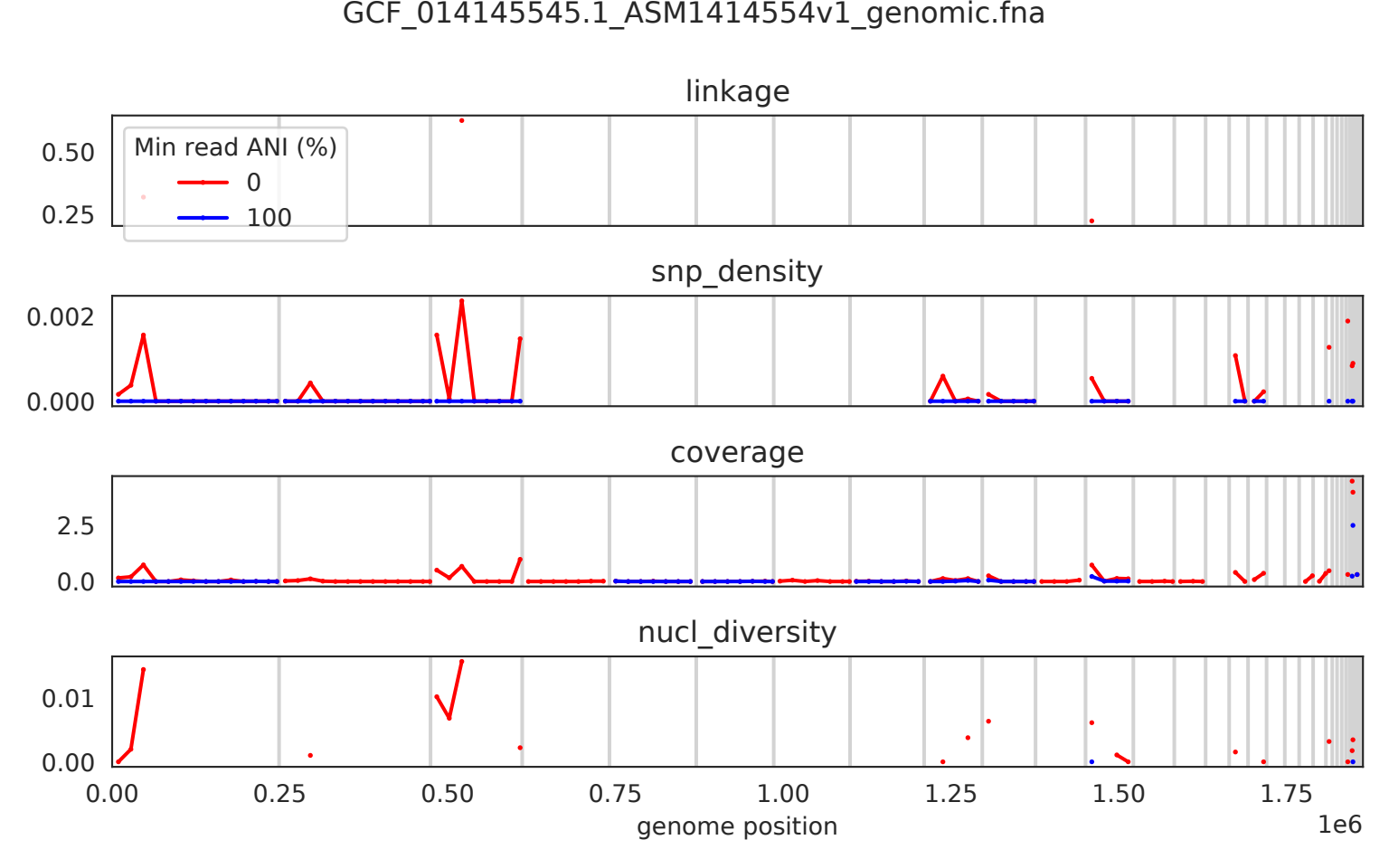

GCF_013694365.1_ASM1369436v1_genomic.fna
linkage
Min read ANI (%)
0
100
1
0
snp_density
0.01
0.00
coverage
20
0
nucl_diversity
0.01
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

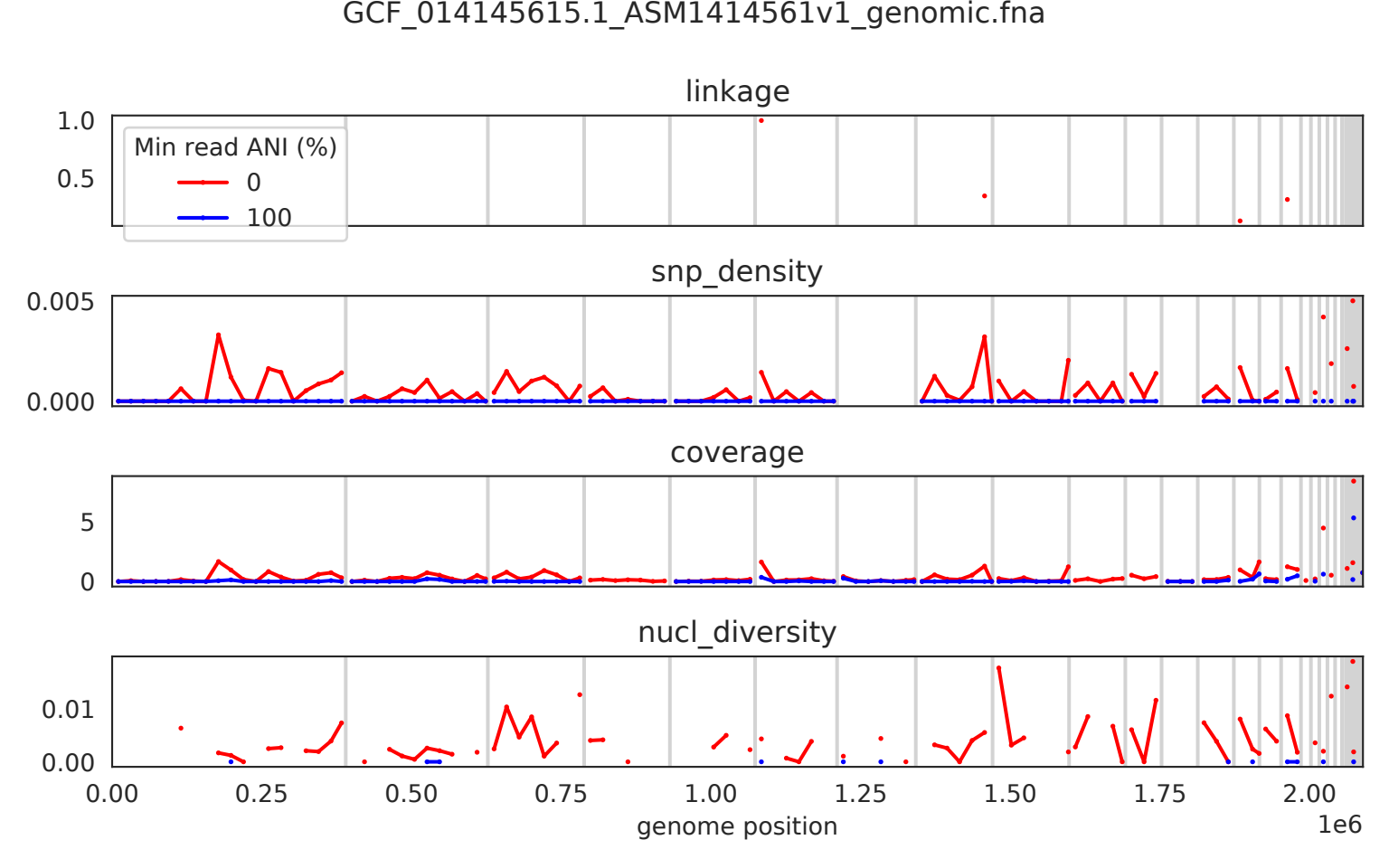

GCF_014058425.1_ASM1405842v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0004
0.0002
0.0000
coverage
0.05
0.00
nucl_diversity
0.0046
0.0044
0.0
0.5
1.0
1.5
2.0
genome position
1e6

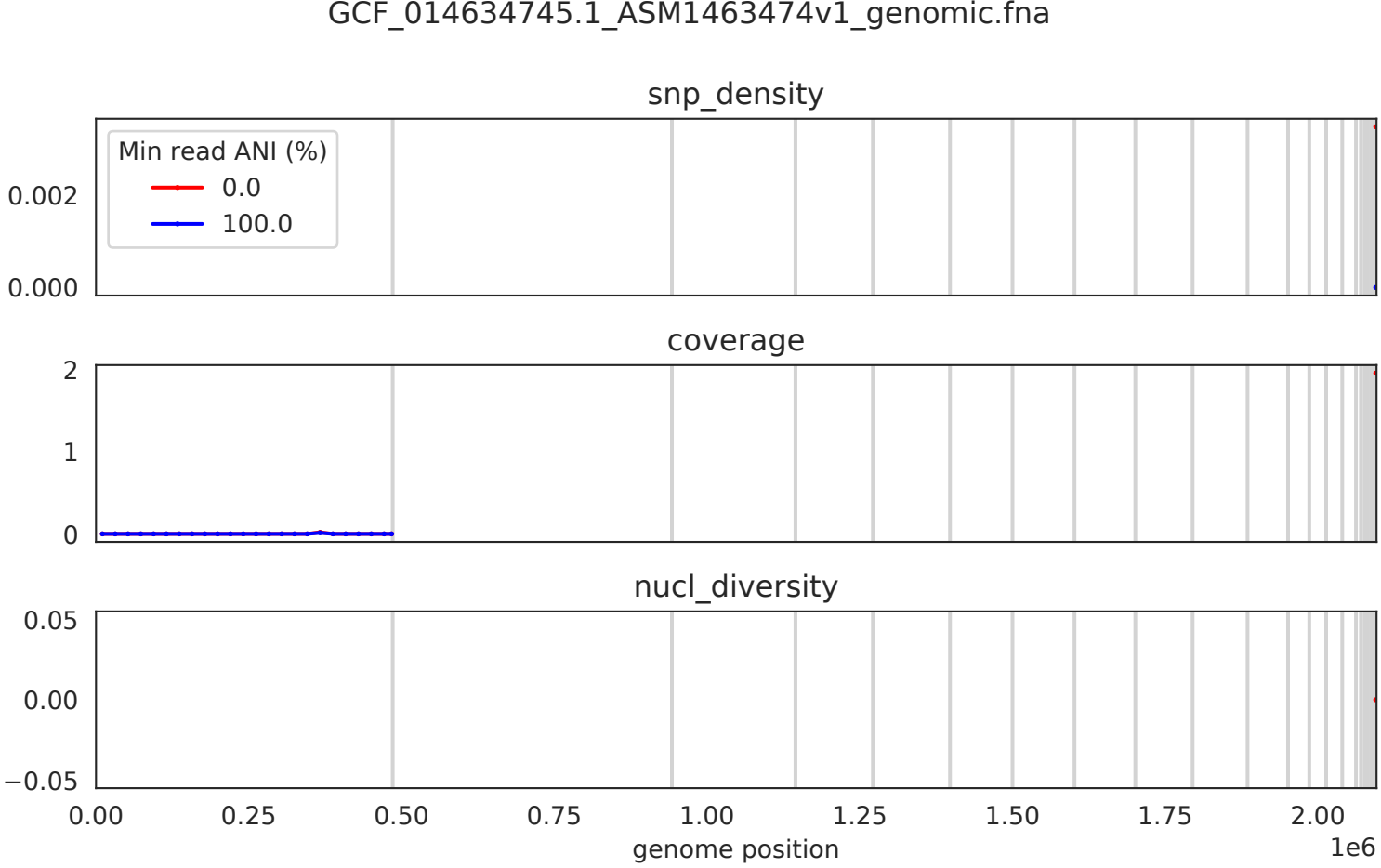

GCF_014131735.1_ASM1413173v1_genomic.fna
linkage
Min read ANI (%)
0
100
0.38
0.36
snp_density
0.0005
0.0000
coverage
0.5
0.0
nucl_diversity
0.00600
0.00575
0.0
0.5
1.0
1.5
2.0
2.5
3.0
genome position
1e6

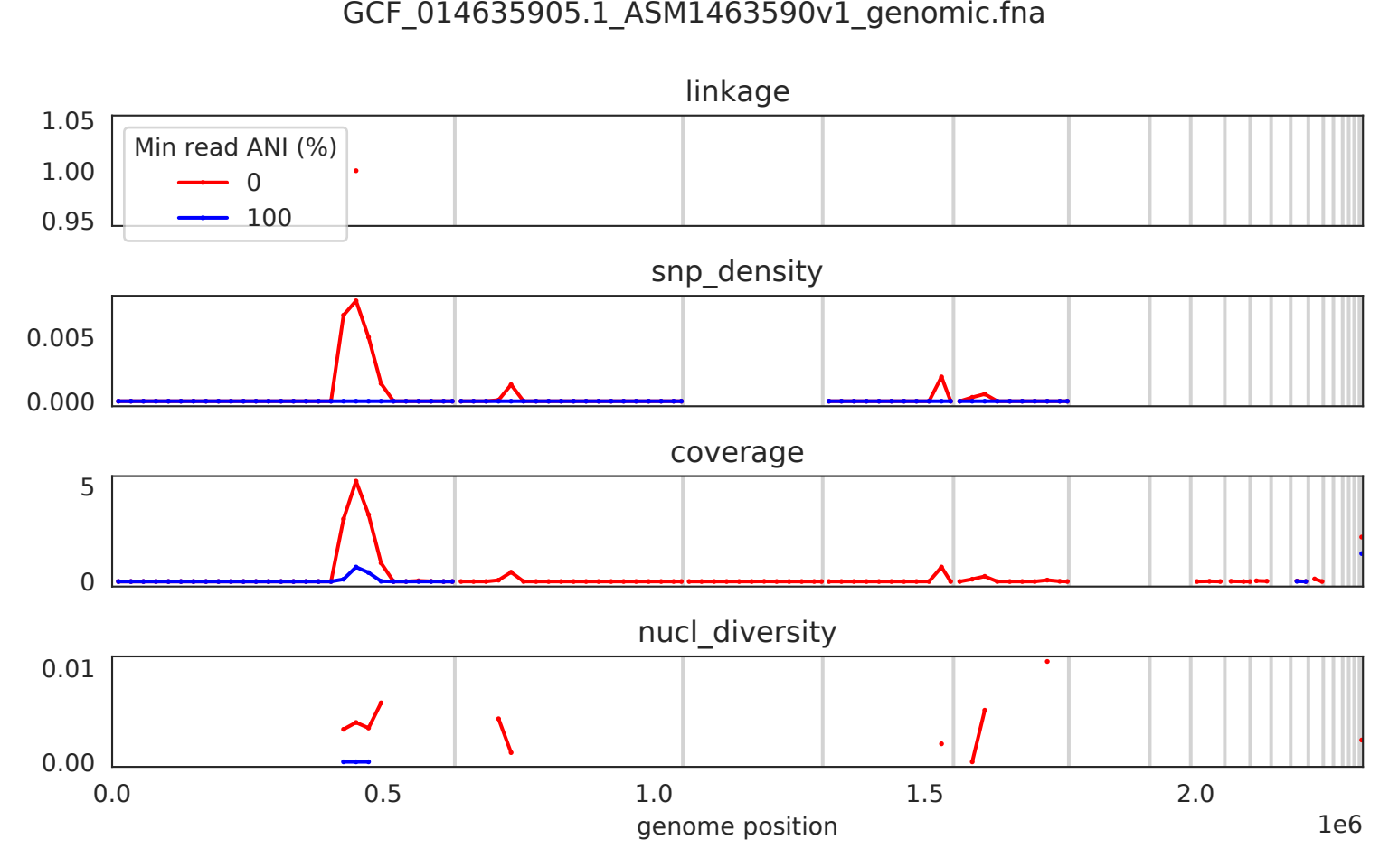

GCF_014145435.1_ASM1414543v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0004
0.0002
0.0000
coverage
1
0
nucl_diversity
0.002
0.000
0.0
0.5
1.0
1.5
2.0
genome position
1e6

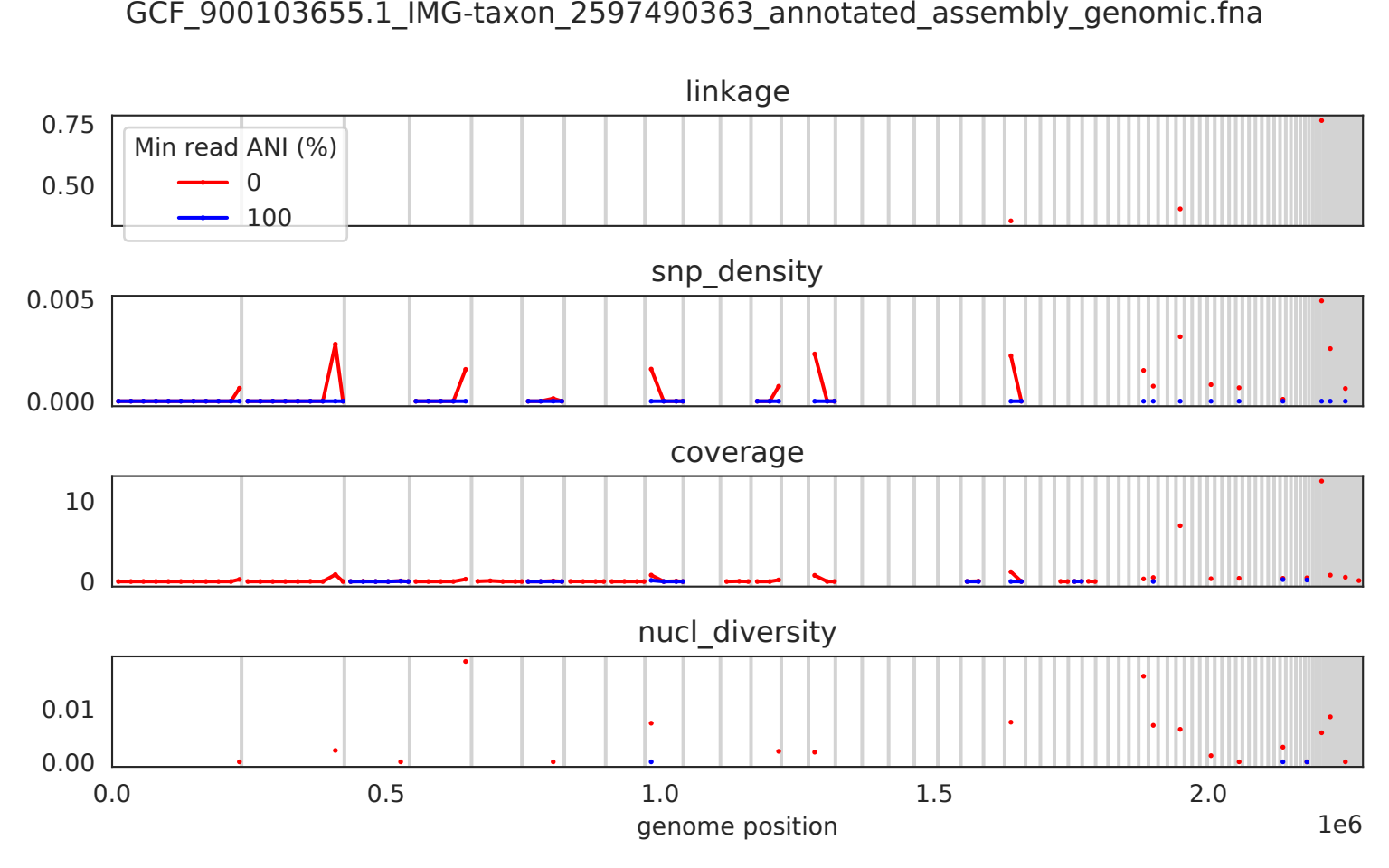

GCF_014145505.1_ASM1414550v1_genomic.fna
linkage
Min read ANI (%)
0
100
0.105
0.100
snp_density
0.005
0.000
coverage
5
0
nucl_diversity
0.005
0.000
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6

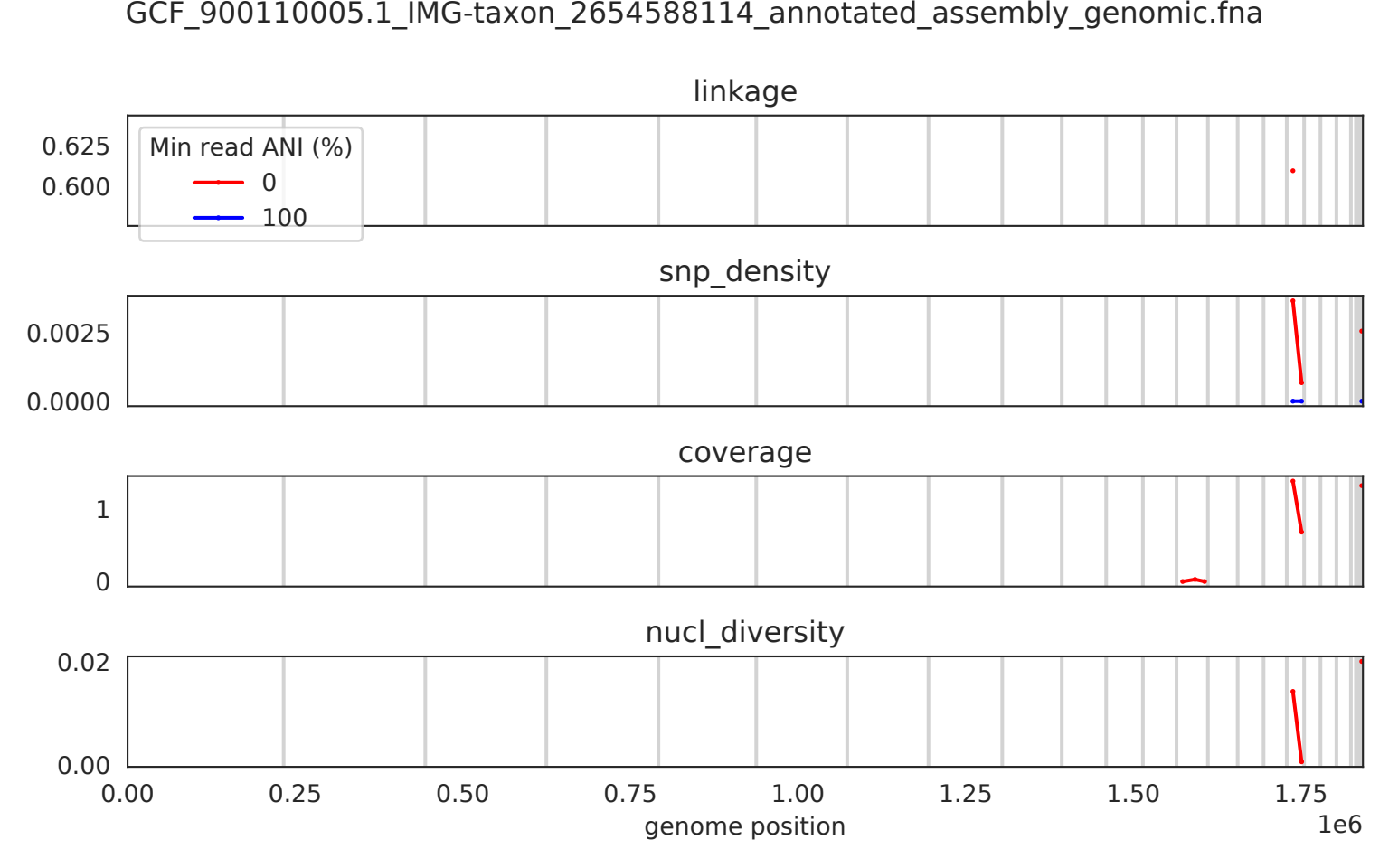

GCF_014145545.1_ASM1414554v1_genomic.fna
linkage
Min read ANI (%)
0
100
0.50
0.25
snp_density
0.002
0.000
coverage
2.5
0.0
nucl_diversity
0.01
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

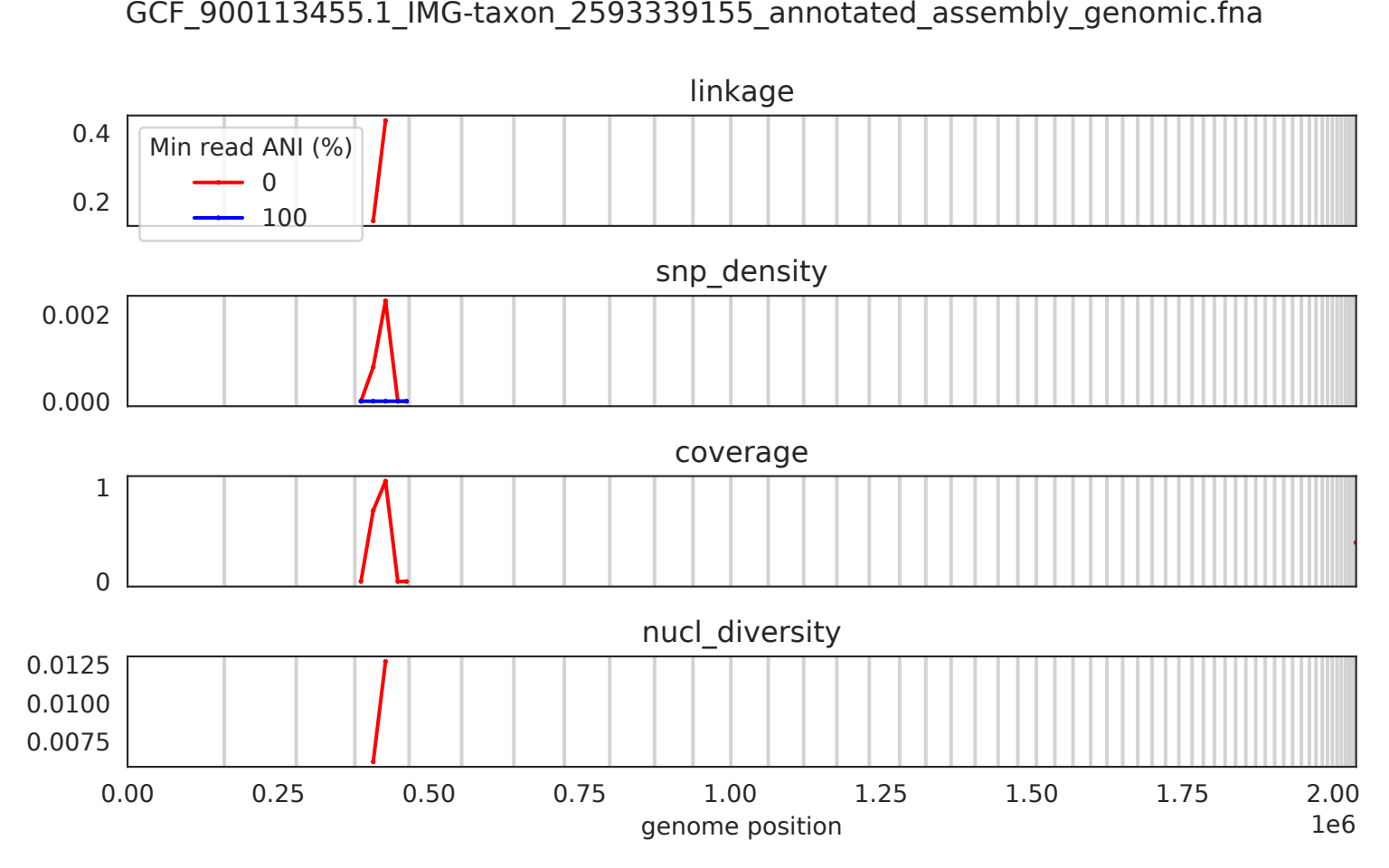

GCF_014145615.1_ASM1414561v1_genomic.fna
linkage
1.0
0.5
Min read ANI (%)
0
100
snp_density
0.005
0.000
coverage
5
0
nucl_diversity
0.01
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

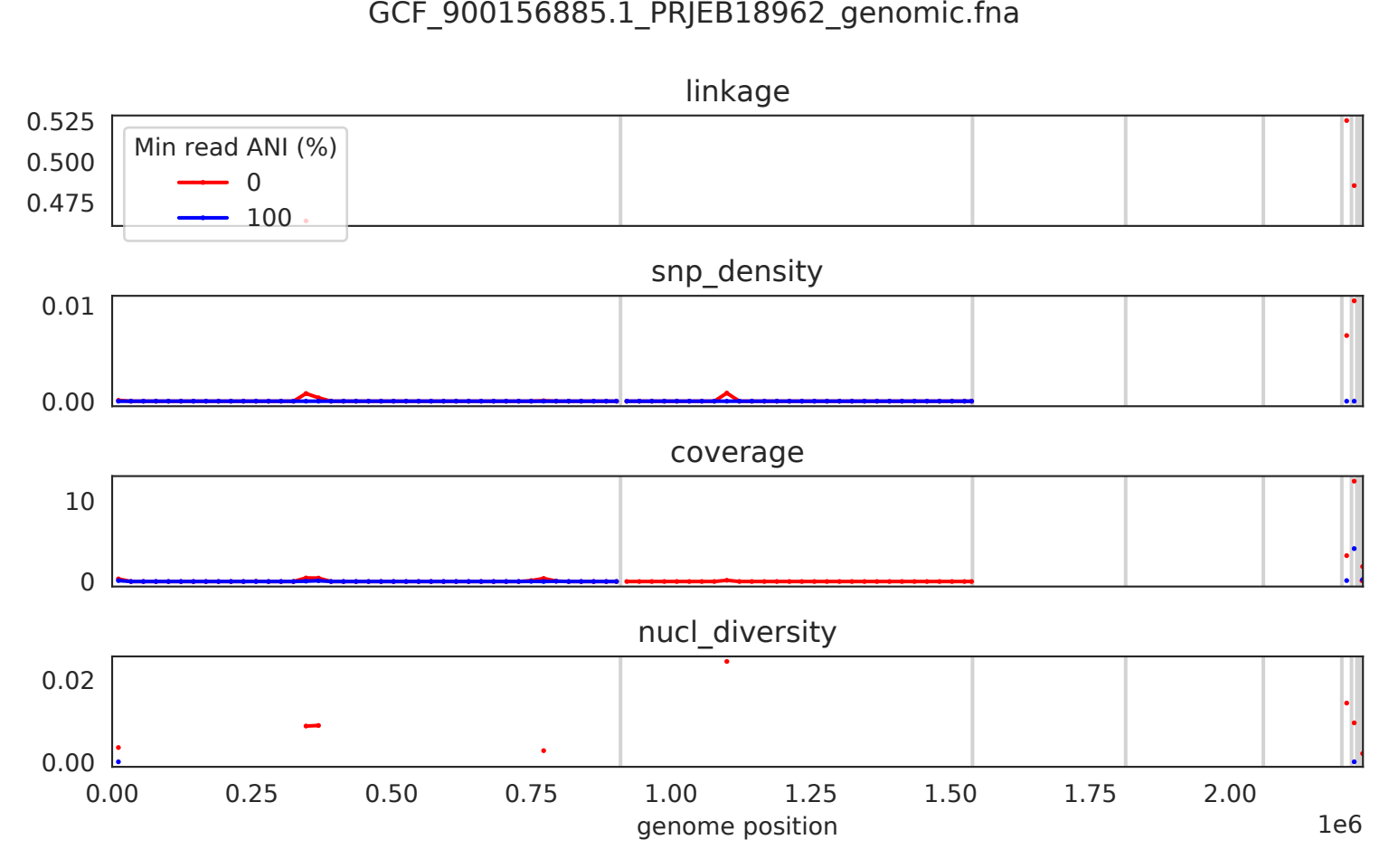

GCF_014634745.1_ASM1463474v1_genomic.fna
snp_density
Min read ANI (%)
0.0
100.0
0.002
0.000
coverage
2
1
0
nucl_diversity
0.05
0.00
−0.05
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

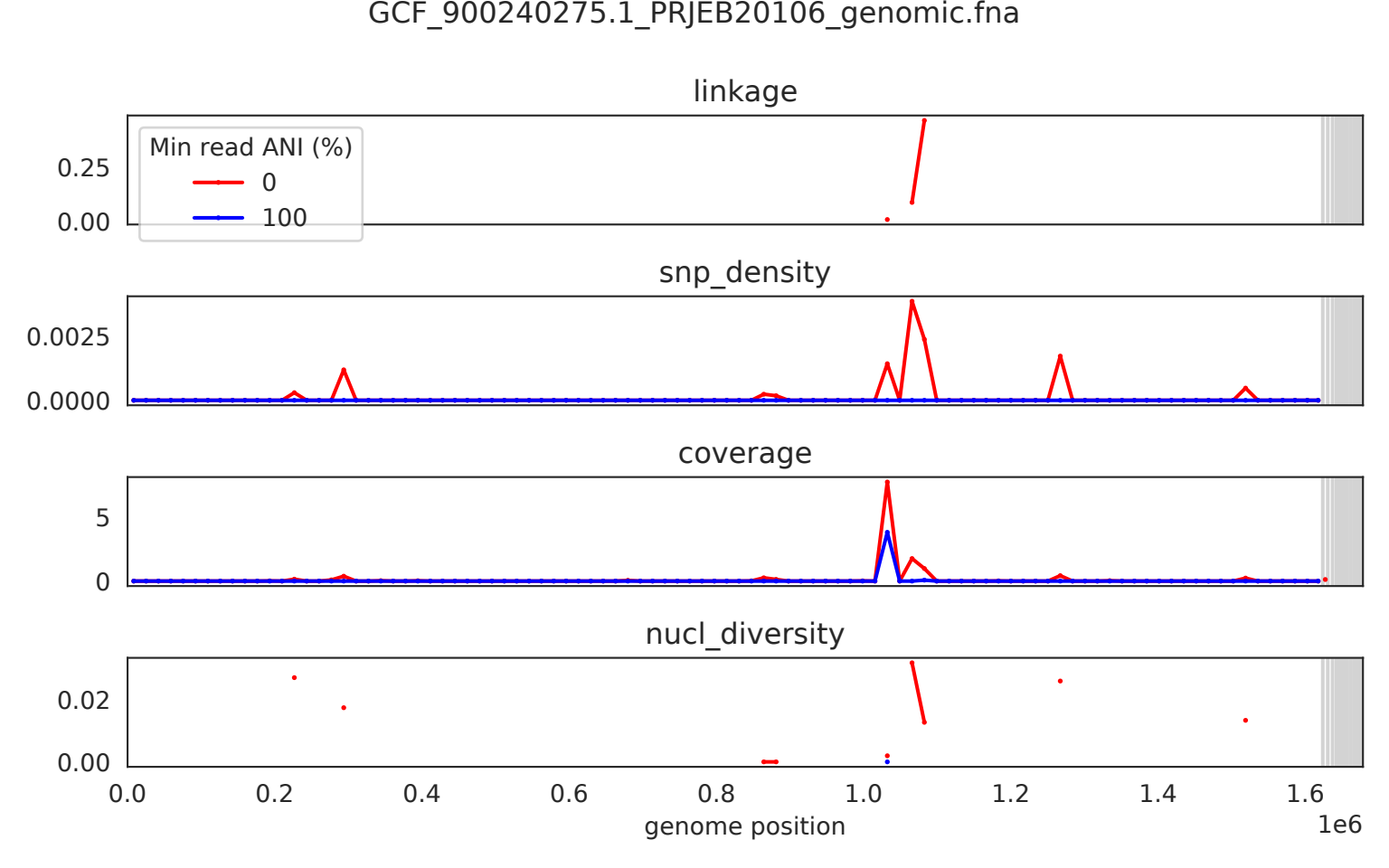

GCF_014635905.1_ASM1463590v1_genomic.fna
linkage
1.05
1.00
0.95
Min read ANI (%)
0
100
snp_density
0.005
0.000
coverage
5
0
nucl_diversity
0.01
0.00
0.0
0.5
1.0
1.5
2.0
genome position
1e6

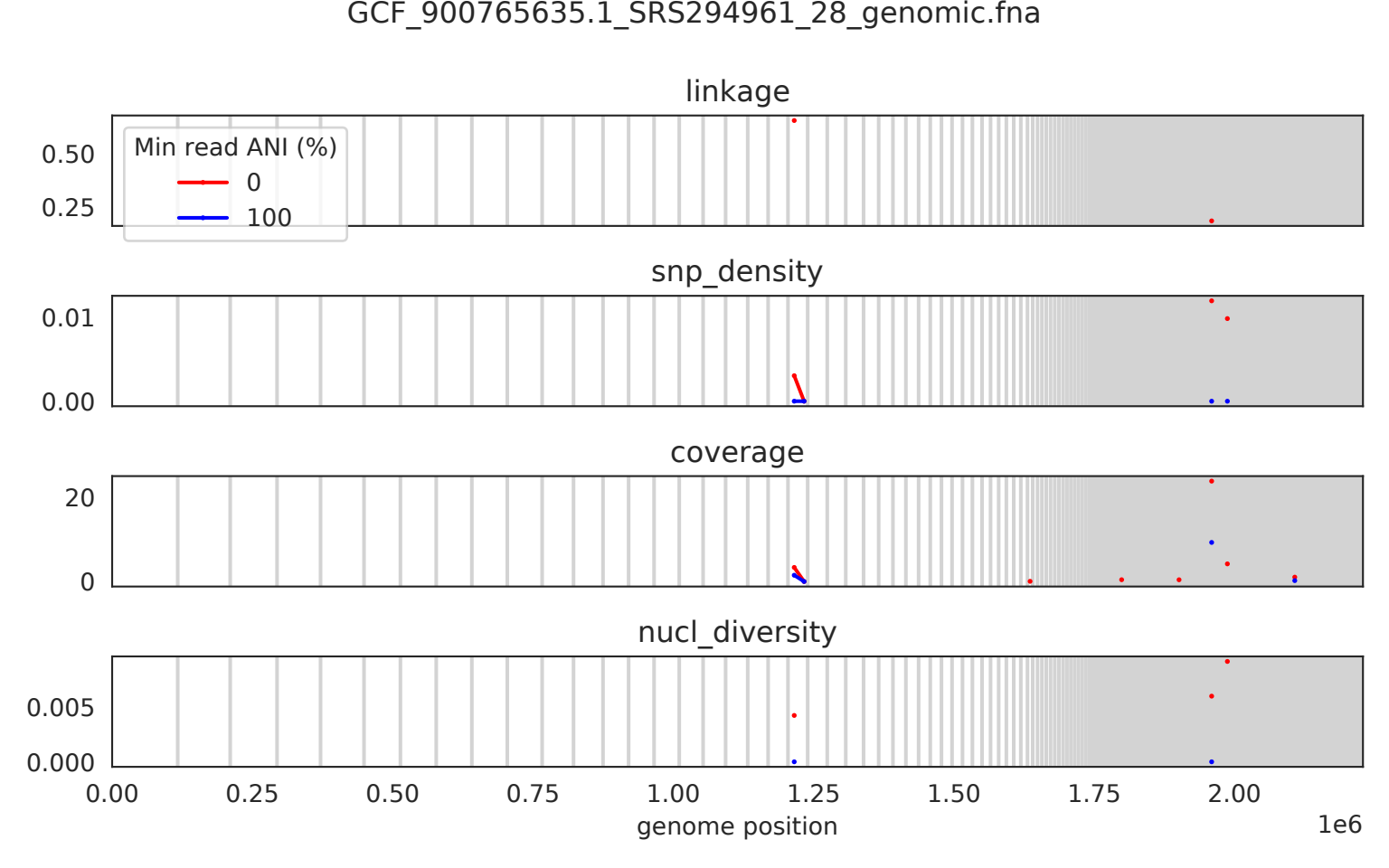

GCF_900103655.1_IMG-taxon_2597490363_annotated_assembly_genomic.fna
linkage
0.75
0.50
Min read ANI (%)
0
100
snp_density
0.005
0.000
coverage
10
0
nucl_diversity
0.01
0.00
0.0
0.5
1.0
1.5
2.0
genome position
1e6

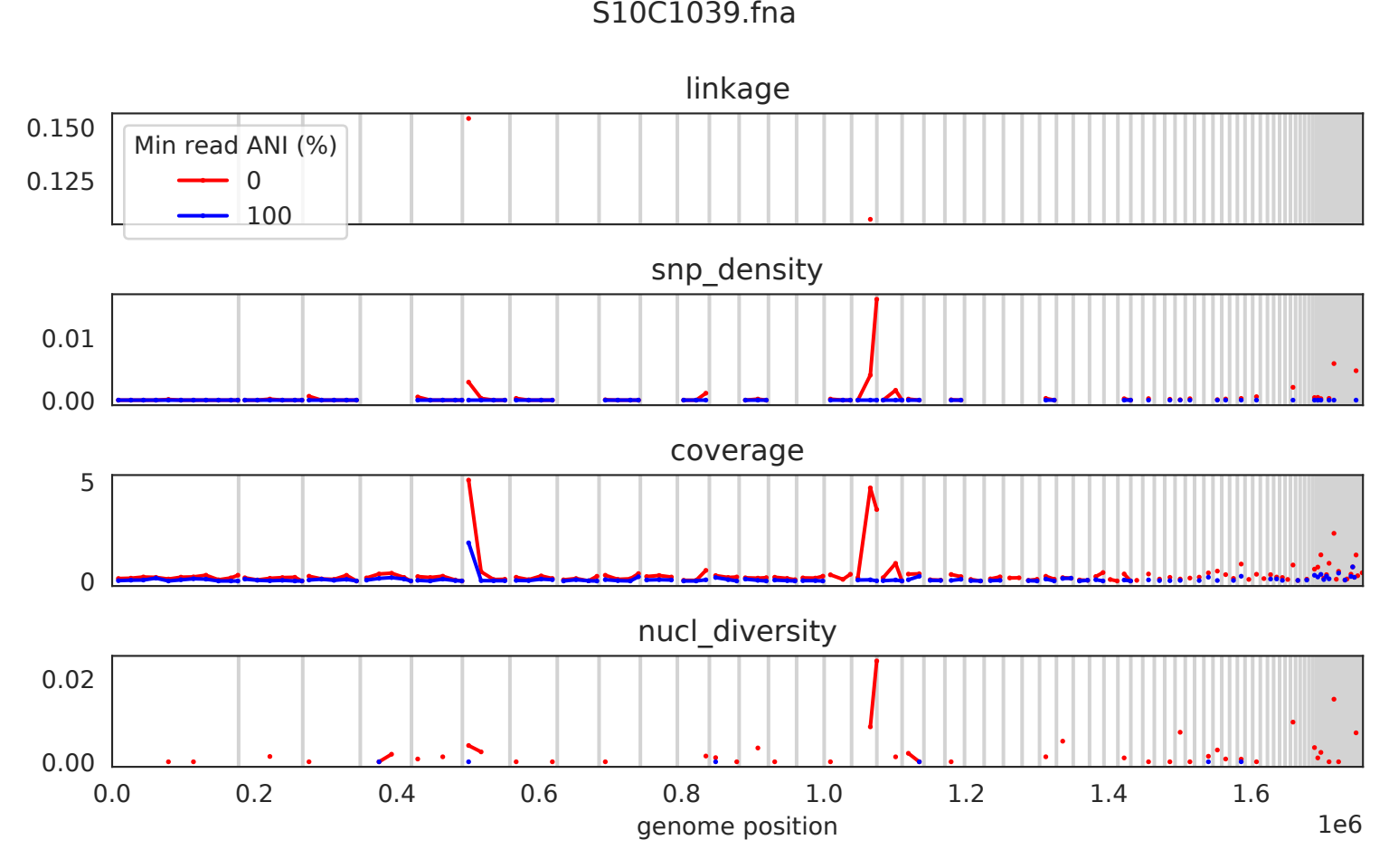

GCF_900110005.1_IMG-taxon_2654588114_annotated_assembly_genomic.fna
linkage
Min read ANI (%)
0
100
0.625
0.600
snp_density
0.0025
0.0000
coverage
1
0
nucl_diversity
0.02
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

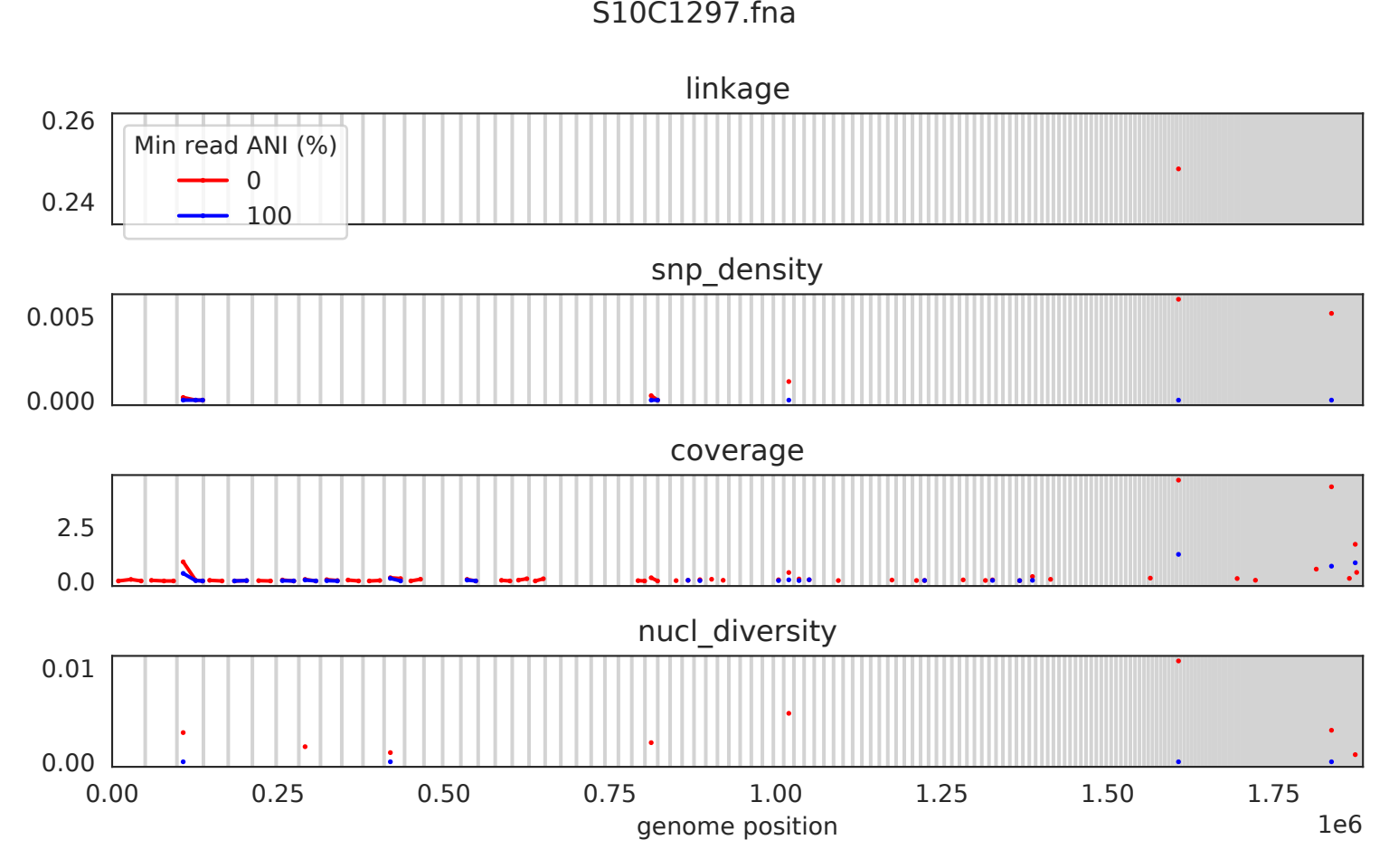

GCF_900113455.1_IMG-taxon_2593339155_annotated_assembly_genomic.fna
linkage
0.4
0.2
Min read ANI (%)
0
100
snp_density
0.002
0.000
coverage
1
0
nucl_diversity
0.0125
0.0100
0.0075
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

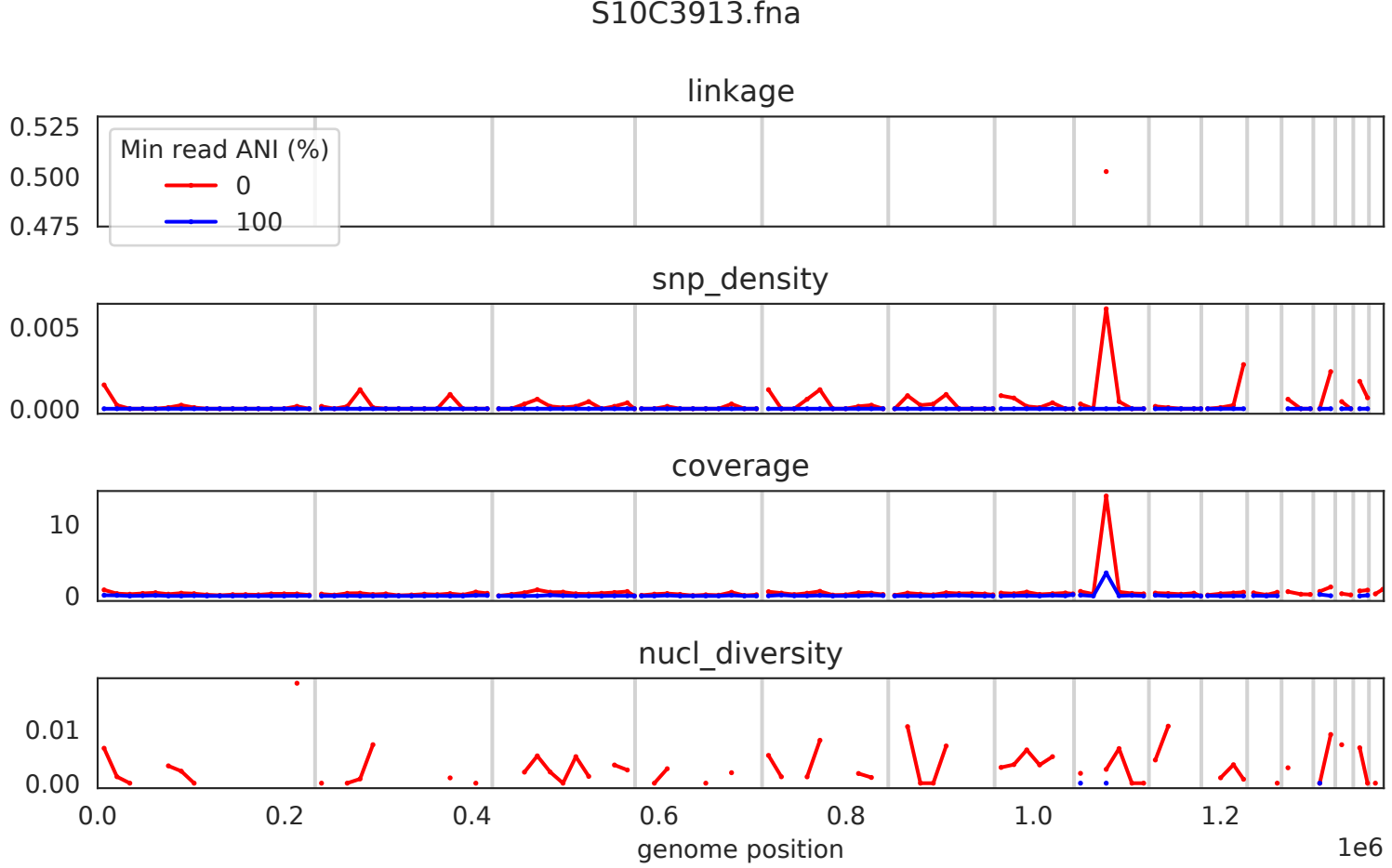

GCF_900156885.1_PRJEB18962_genomic.fna
linkage
0.525
0.500
0.475
Min read ANI (%)
0
100
snp_density
0.01
0.00
coverage
10
0
nucl_diversity
0.02
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

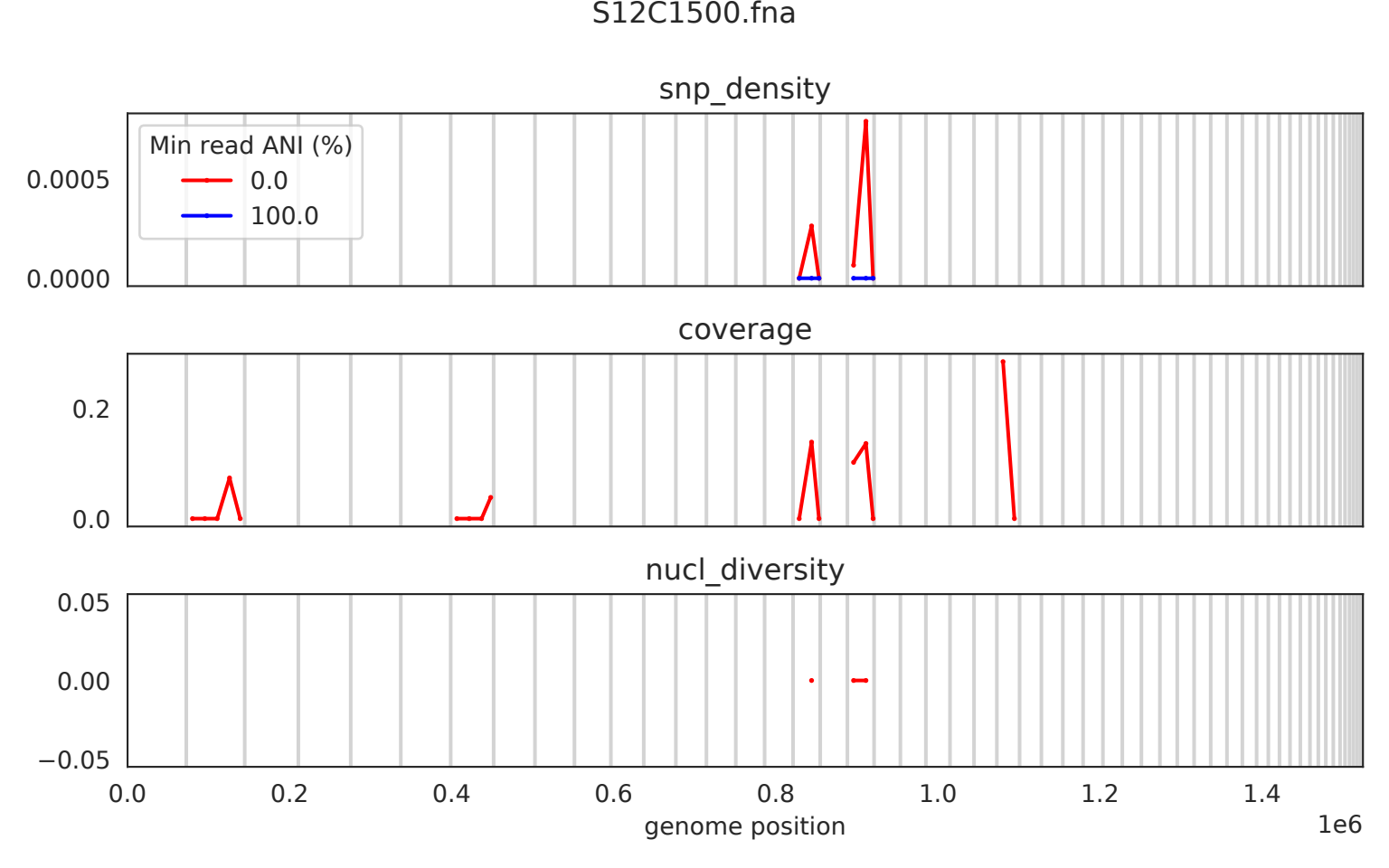

GCF_900240275.1_PRJEB20106_genomic.fna
linkage
Min read ANI (%)
0
100
0.25
0.00
snp_density
0.0025
0.0000
coverage
5
0
nucl_diversity
0.02
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6

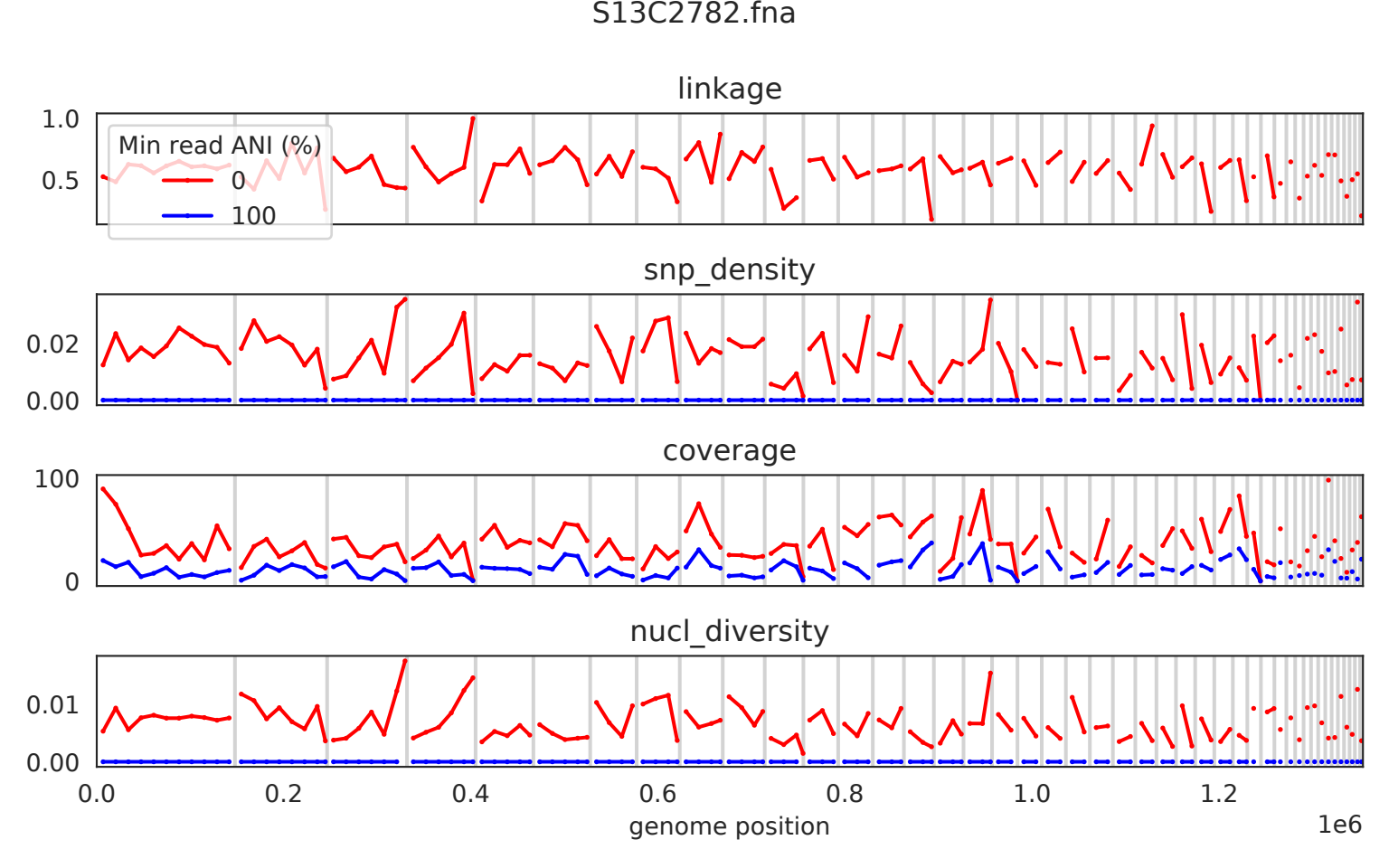

GCF_900765635.1_SRS294961_28_genomic.fna
linkage
Min read ANI (%)
0
100
0.50
0.25
snp_density
0.01
0.00
coverage
20
0
nucl_diversity
0.005
0.000
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

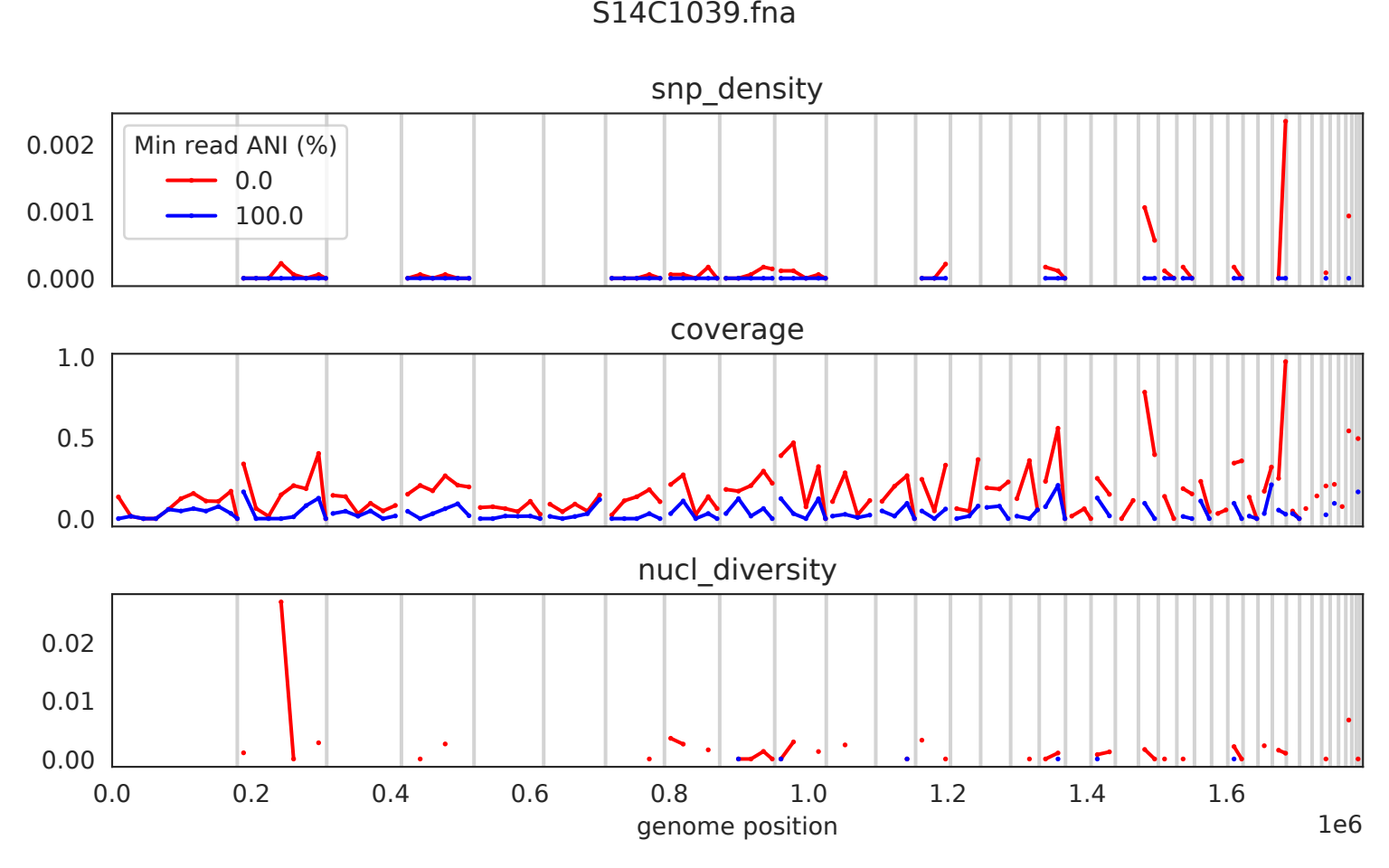

S10C1039.fna
linkage
0.150
0.125
Min read ANI (%)
0
100
snp_density
0.01
0.00
coverage
5
0
nucl_diversity
0.02
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6

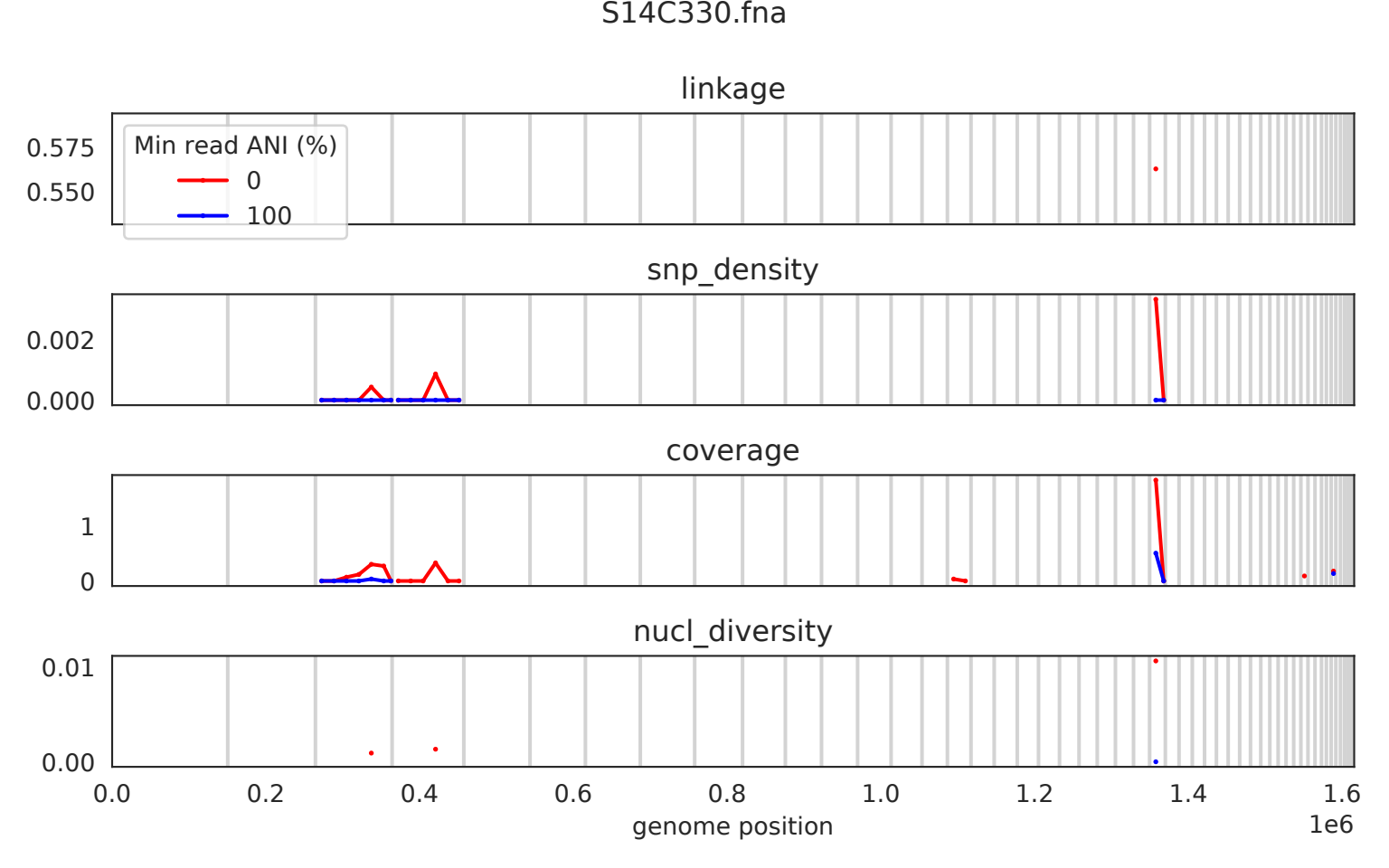

S10C1297.fna
linkage
0.26
0.24
Min read ANI (%)
0
100
snp_density
0.005
0.000
coverage
2.5
0.0
nucl_diversity
0.01
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

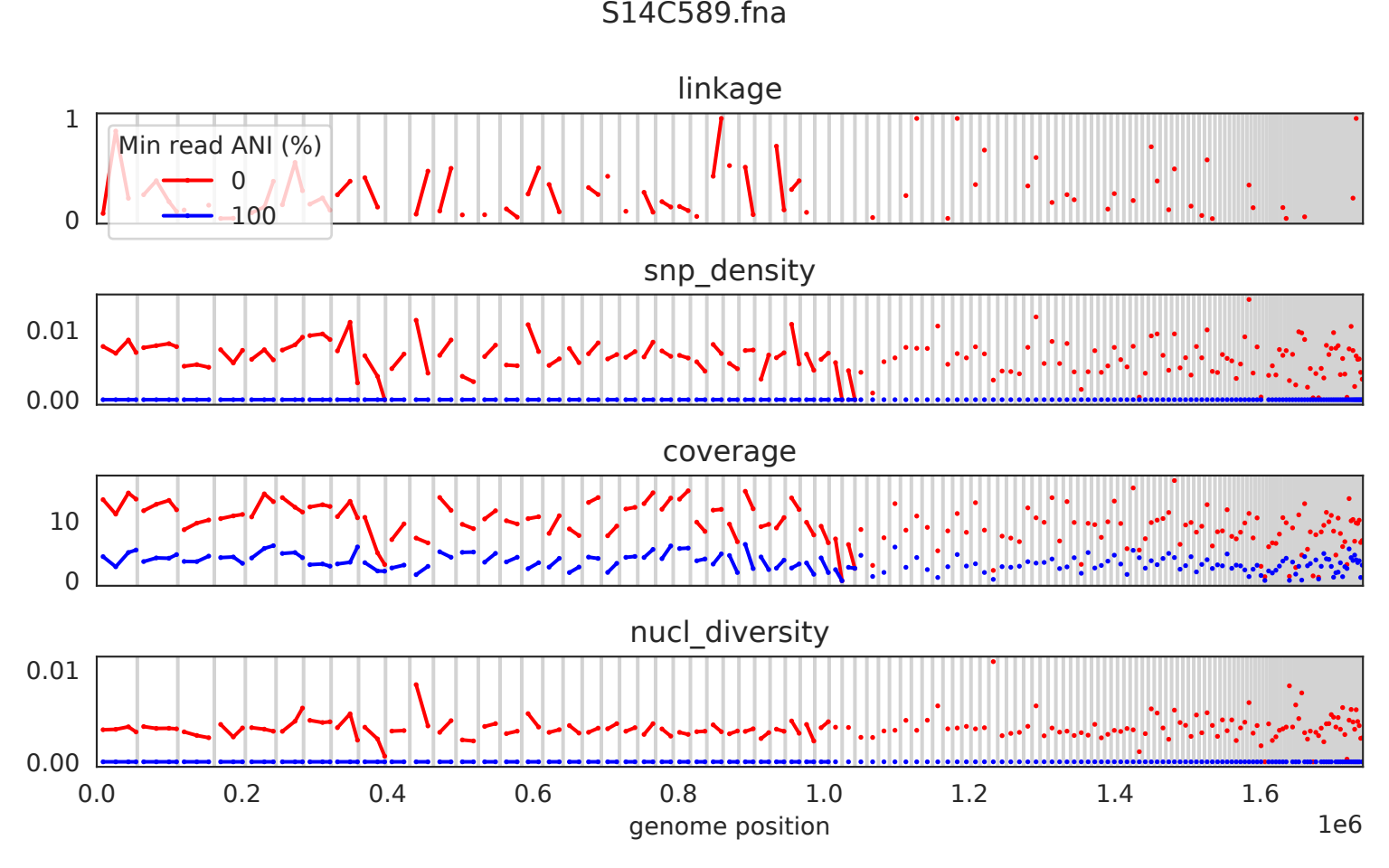

S10C3913.fna
linkage
0.525
0.500
0.475
Min read ANI (%)
0
100
snp_density
0.005
0.000
coverage
10
0
nucl_diversity
0.01
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1.2
genome position
1e6

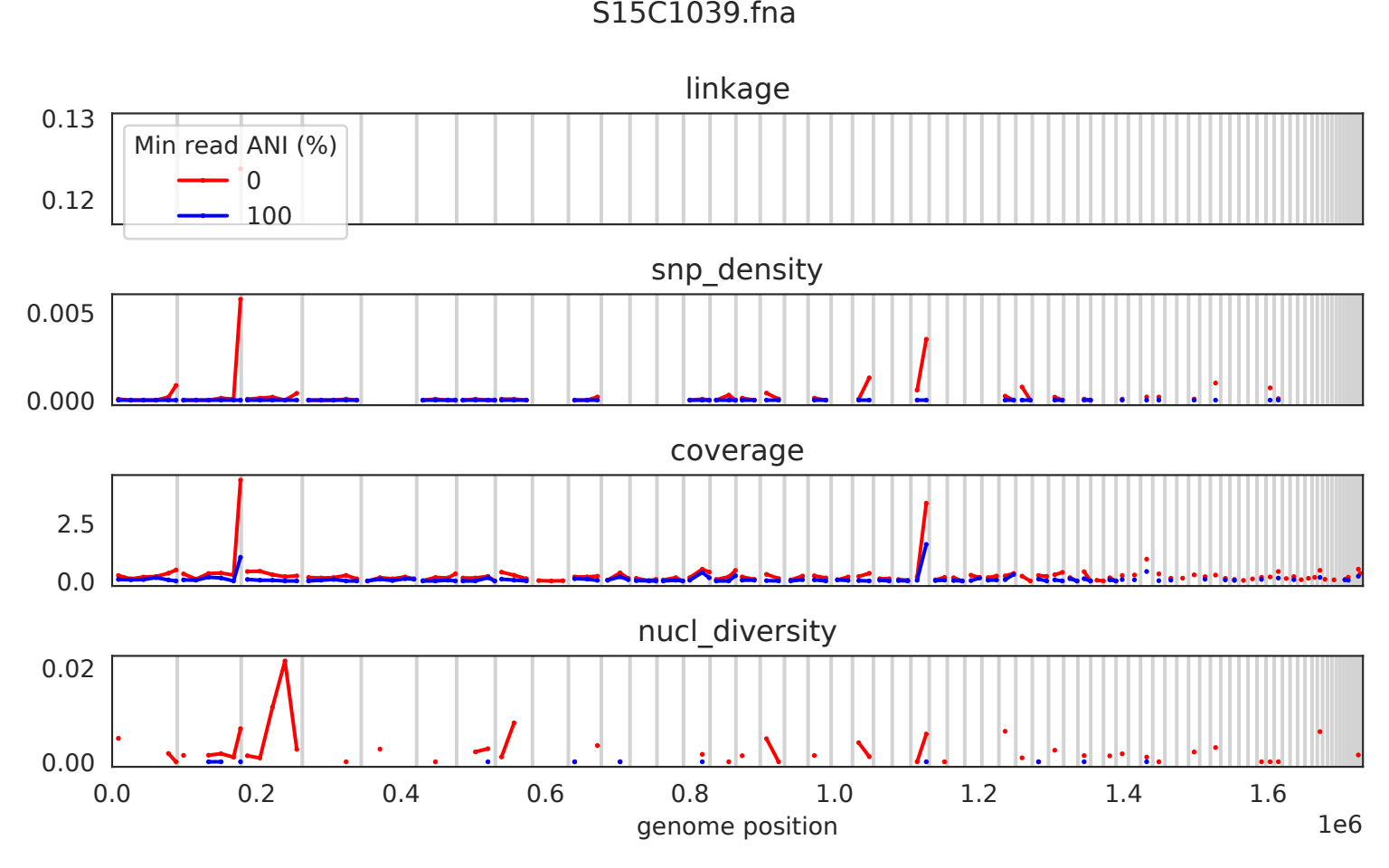

S12C1500.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0005
0.0000
coverage
0.2
0.0
nucl_diversity
0.05
0.00
−0.05
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
genome position
1e6

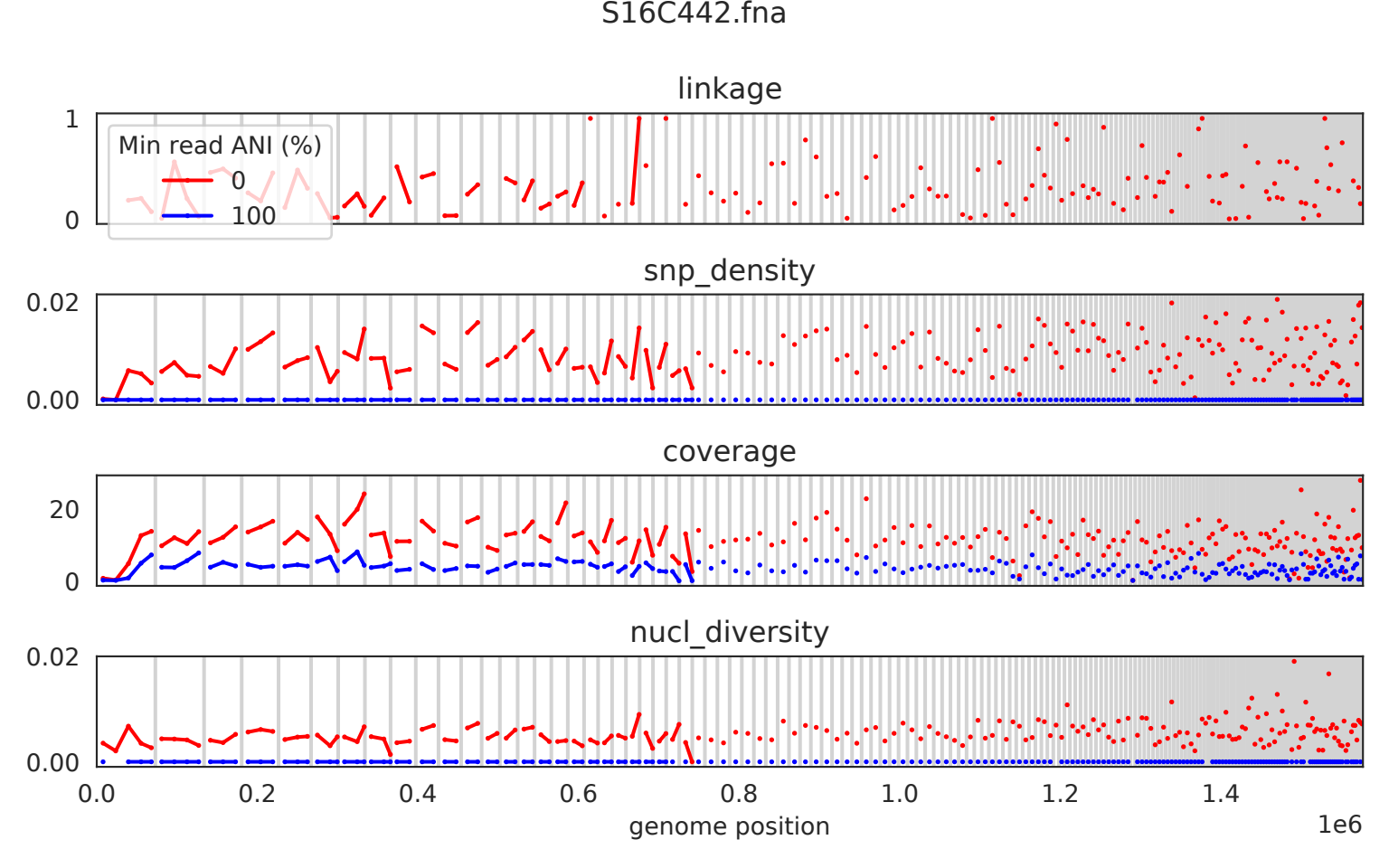

S13C2782.fna
linkage
1.0
0.5
Min read ANI (%)
0
100
snp_density
0.02
0.00
coverage
100
0
nucl_diversity
0.01
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1.2
genome position
1e6

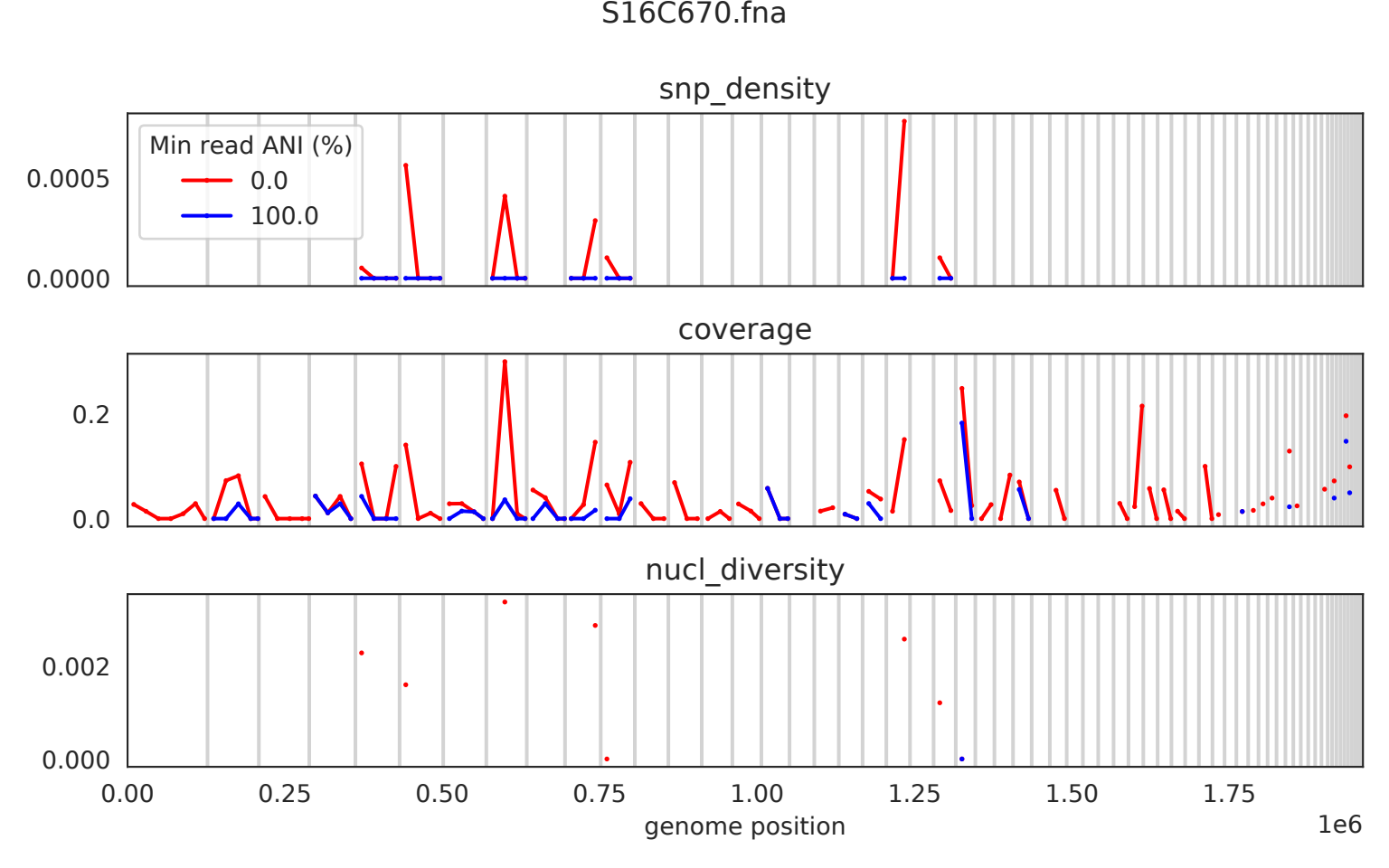

S14C1039.fna
snp_density
Min read ANI (%)
0.0
100.0
0.002
0.001
0.000
coverage
1.0
0.5
0.0
nucl_diversity
0.02
0.01
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6

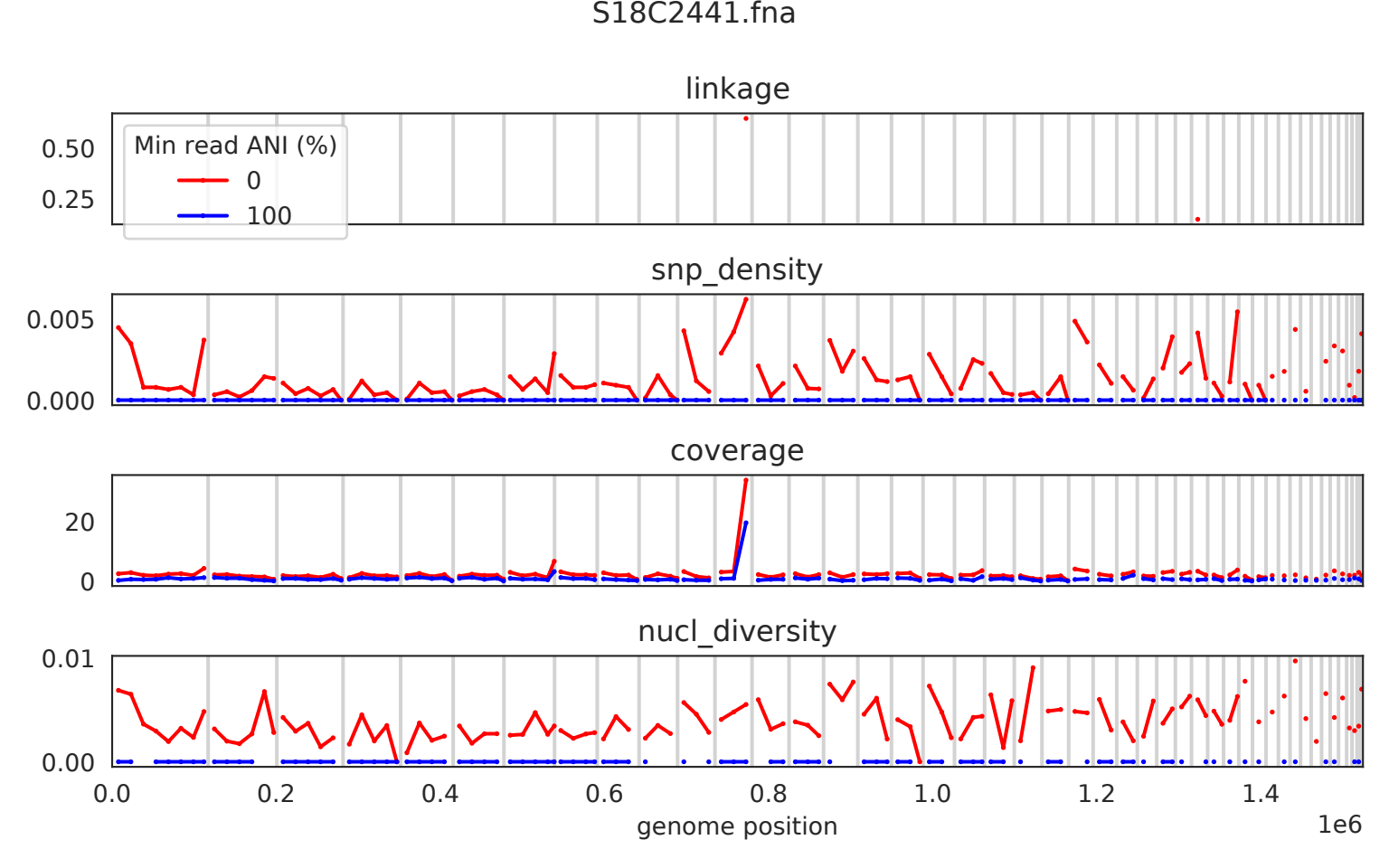

S14C330.fna
linkage
Min read ANI (%)
0
100
0.575
0.550
snp_density
0.002
0.000
coverage
1
0
nucl_diversity
0.01
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6

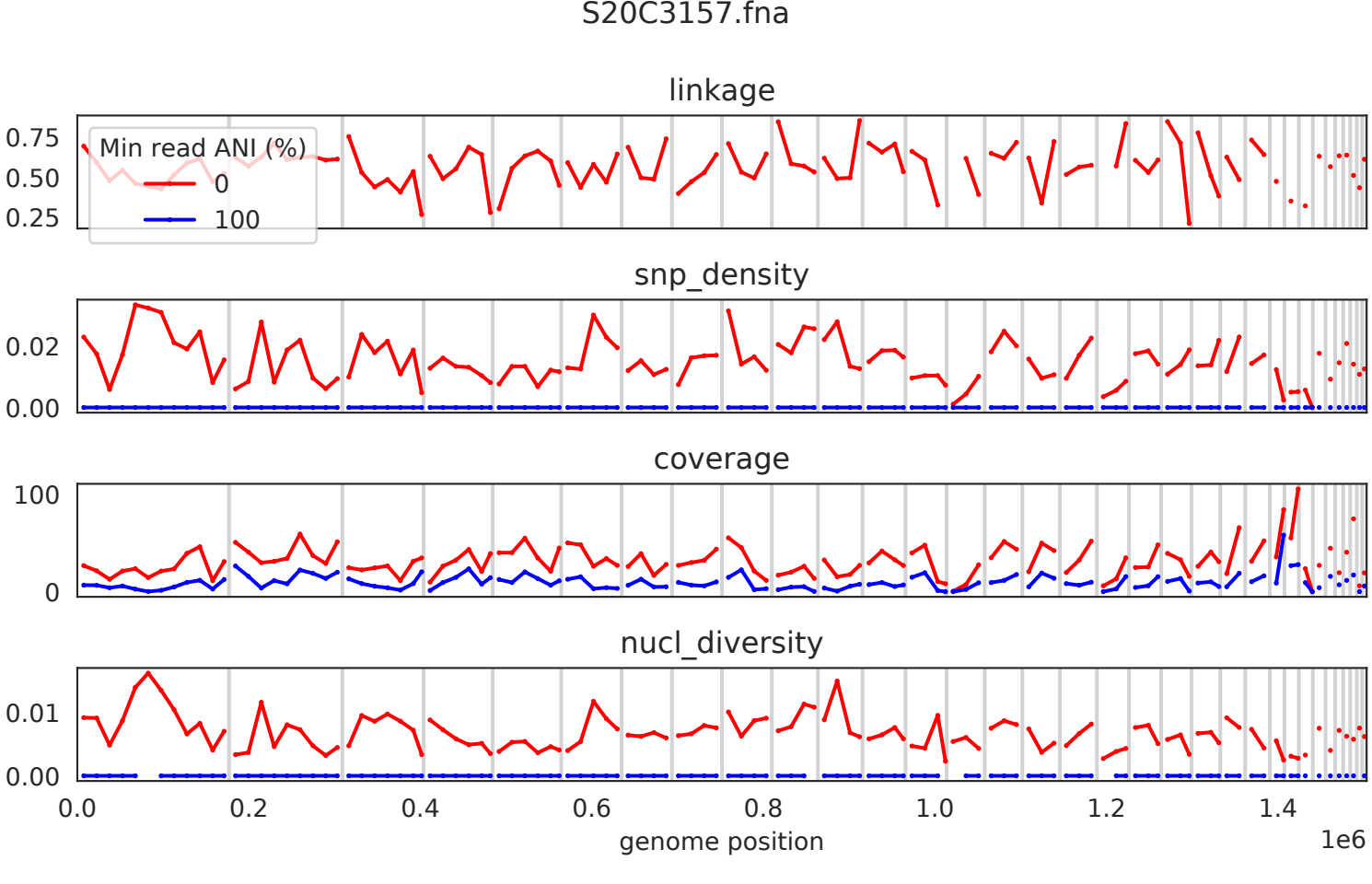

S14C589.fna
linkage
Min read ANI (%)
0
100
1
0
snp_density
0.01
0.00
coverage
10
0
nucl_diversity
0.01
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6

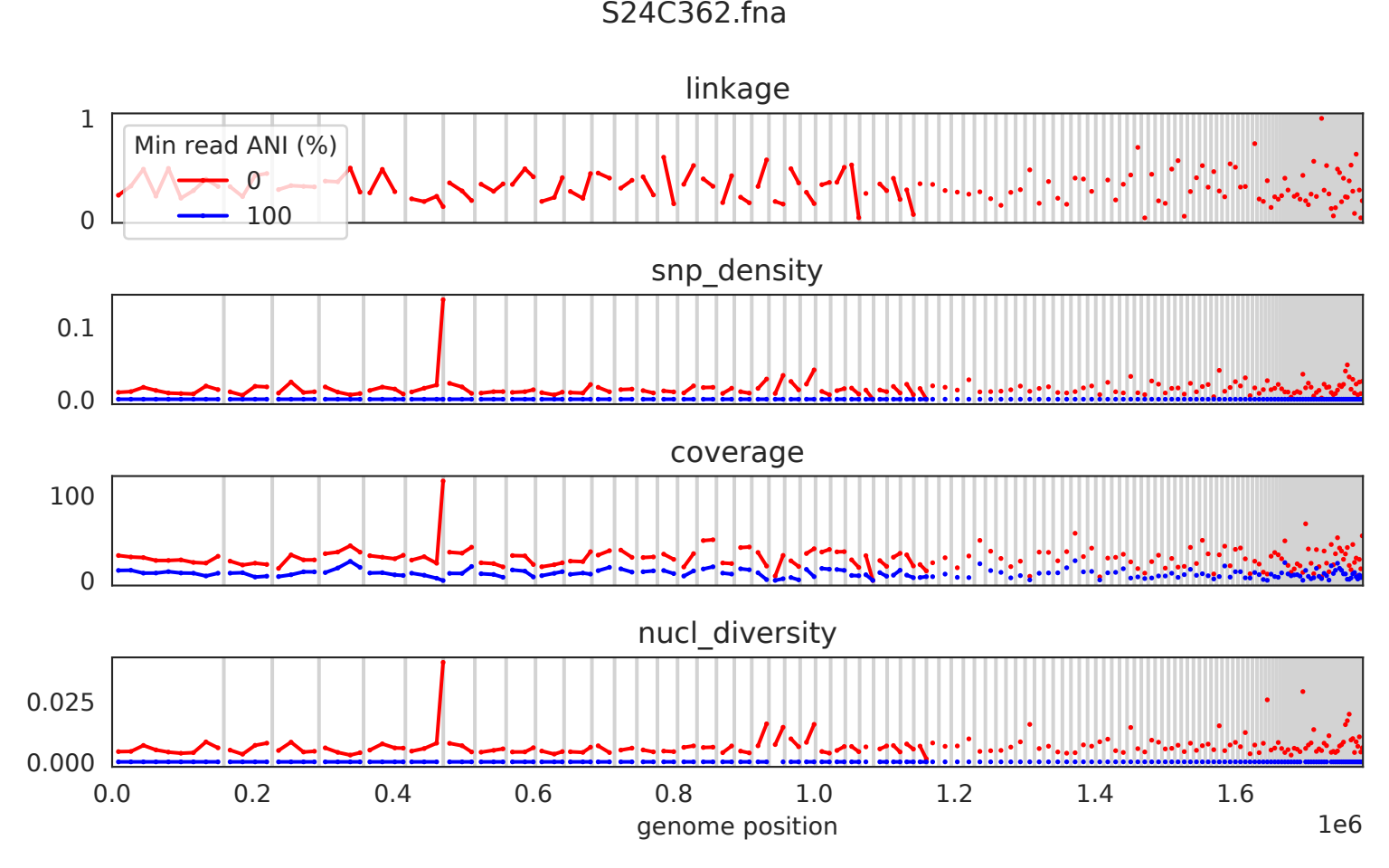

S15C1039.fna
linkage
0.13
0.12
Min read ANI (%)
0
100
snp_density
0.005
0.000
coverage
2.5
0.0
nucl_diversity
0.02
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6

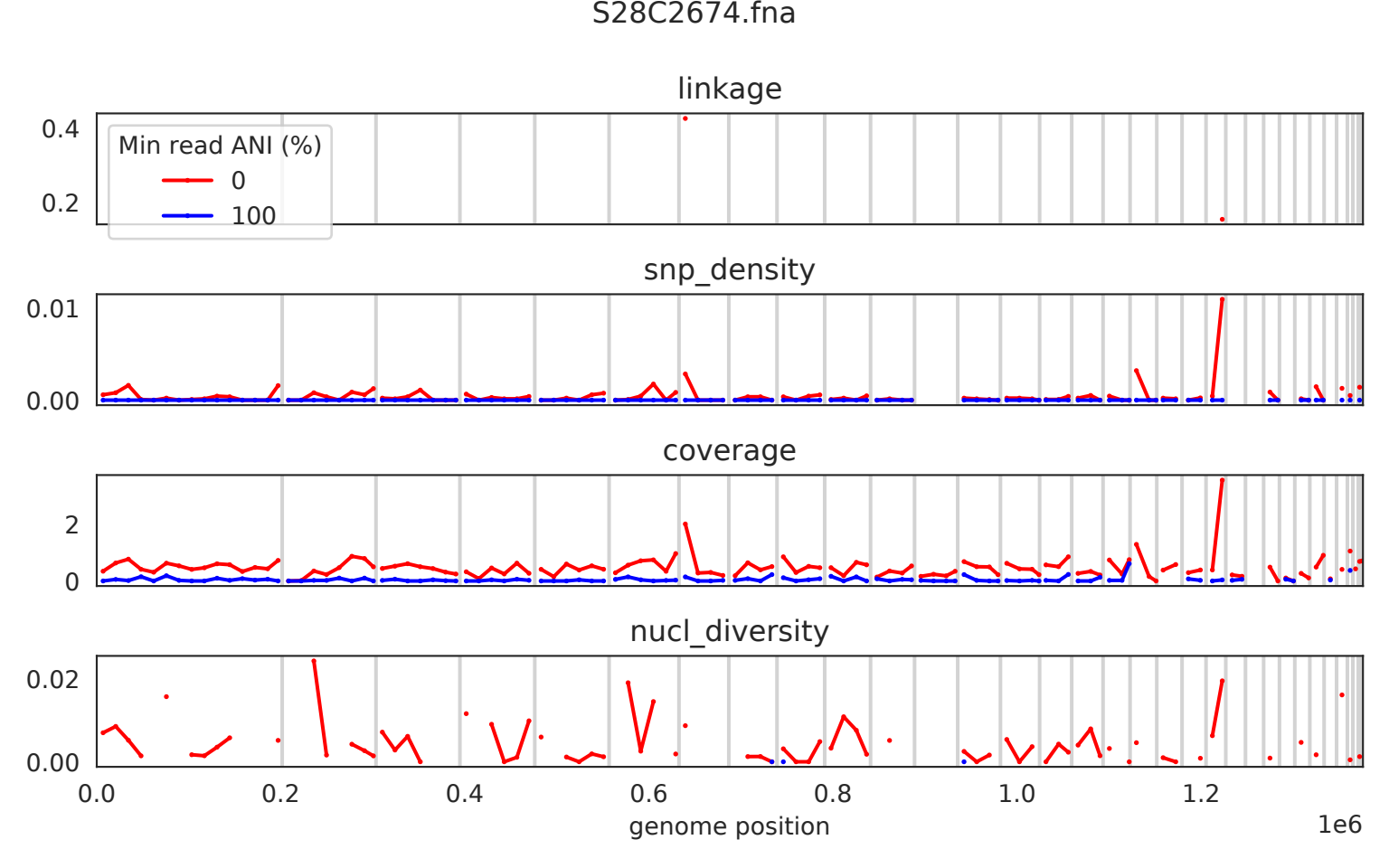

S16C442.fna
linkage
1
0
Min read ANI (%)
0
100
snp_density
0.02
0.00
coverage
20
0
nucl_diversity
0.02
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
genome position
1e6

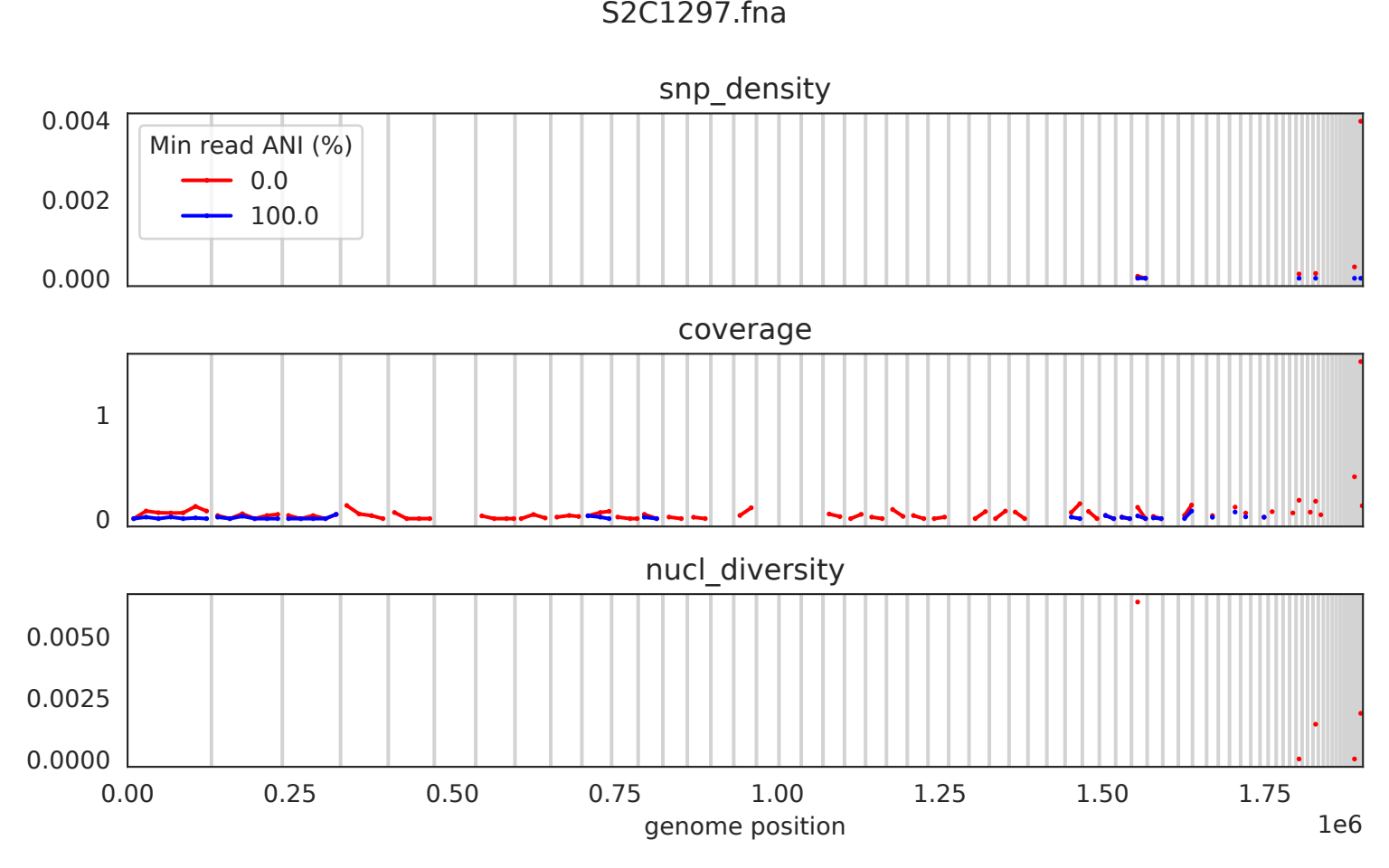

S16C670.fna
snp_density
Min read ANI (%)
0.0
100.0
0.0005
0.0000
coverage
0.2
0.0
nucl_diversity
0.002
0.000
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

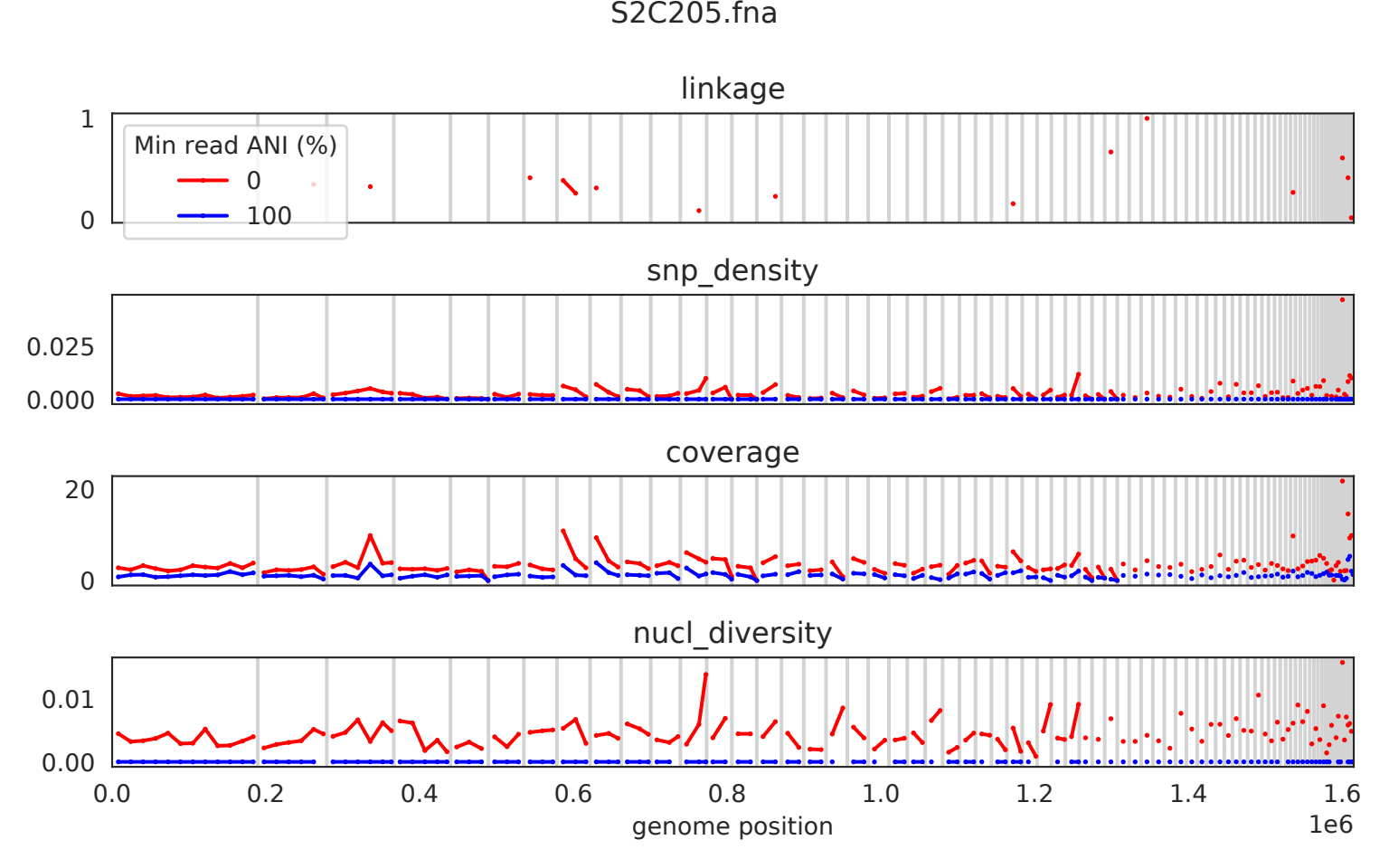

S18C2441.fna
linkage
Min read ANI (%)
0
100
0.50
0.25
snp_density
0.005
0.000
coverage
20
0
nucl_diversity
0.01
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
genome position
1e6

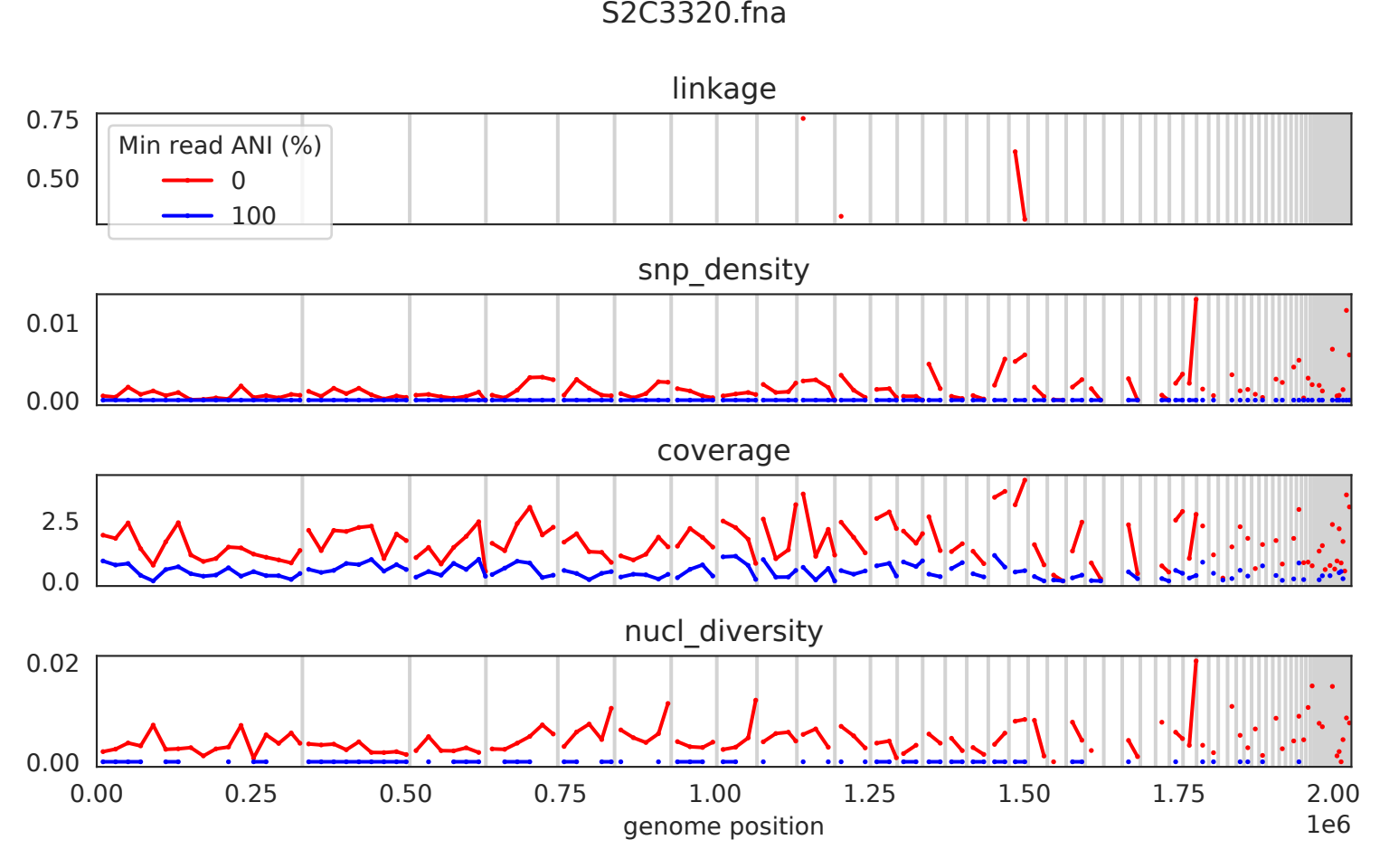

S20C3157.fna
linkage
Min read ANI (%)
0
100
0.75
0.50
0.25
snp_density
0.02
0.00
coverage
100
0
nucl_diversity
0.01
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
genome position
1e6

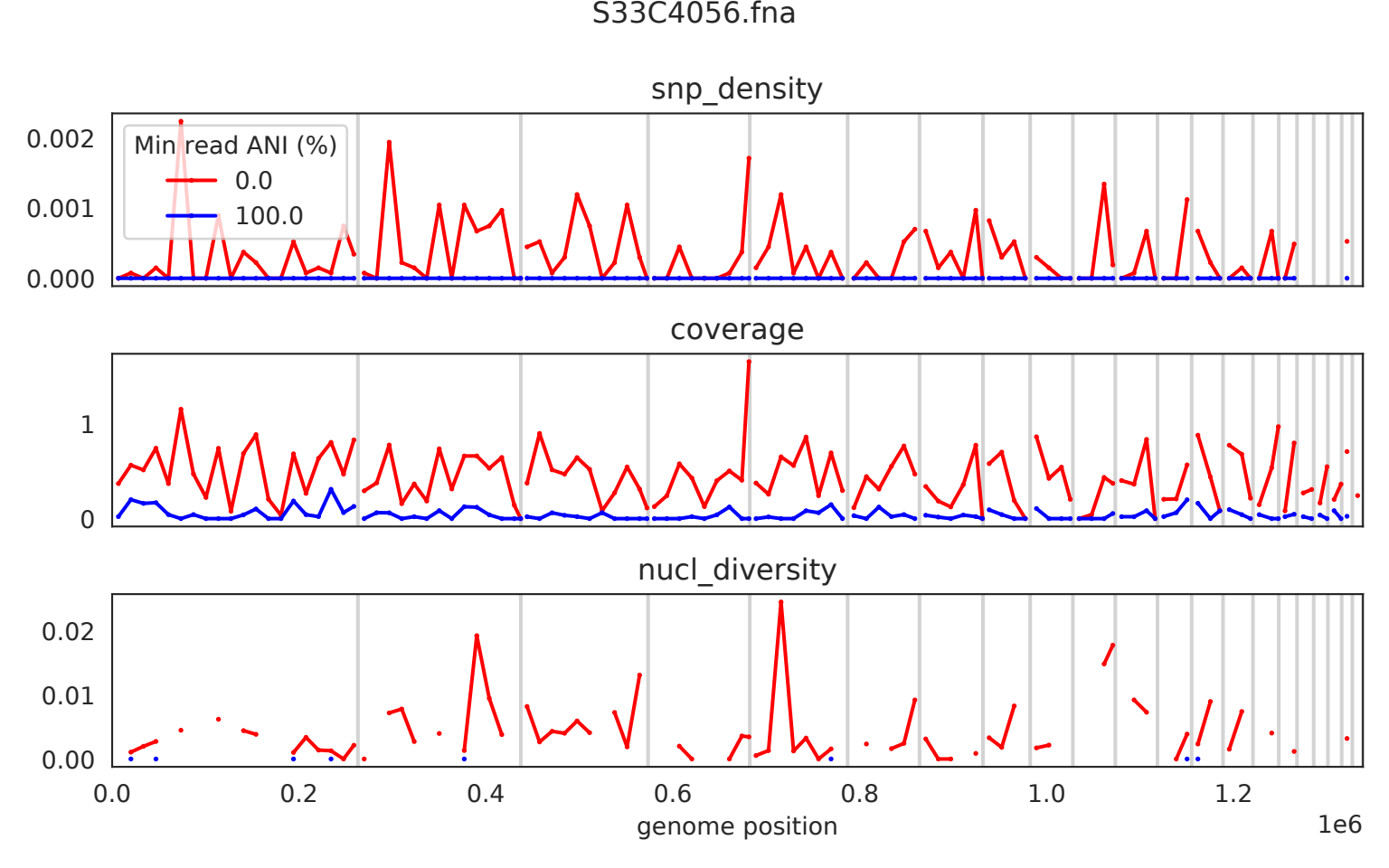

S24C362.fna
linkage
1
0
Min read ANI (%)
0
100
snp_density
0.1
0.0
coverage
100
0
nucl_diversity
0.025
0.000
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6

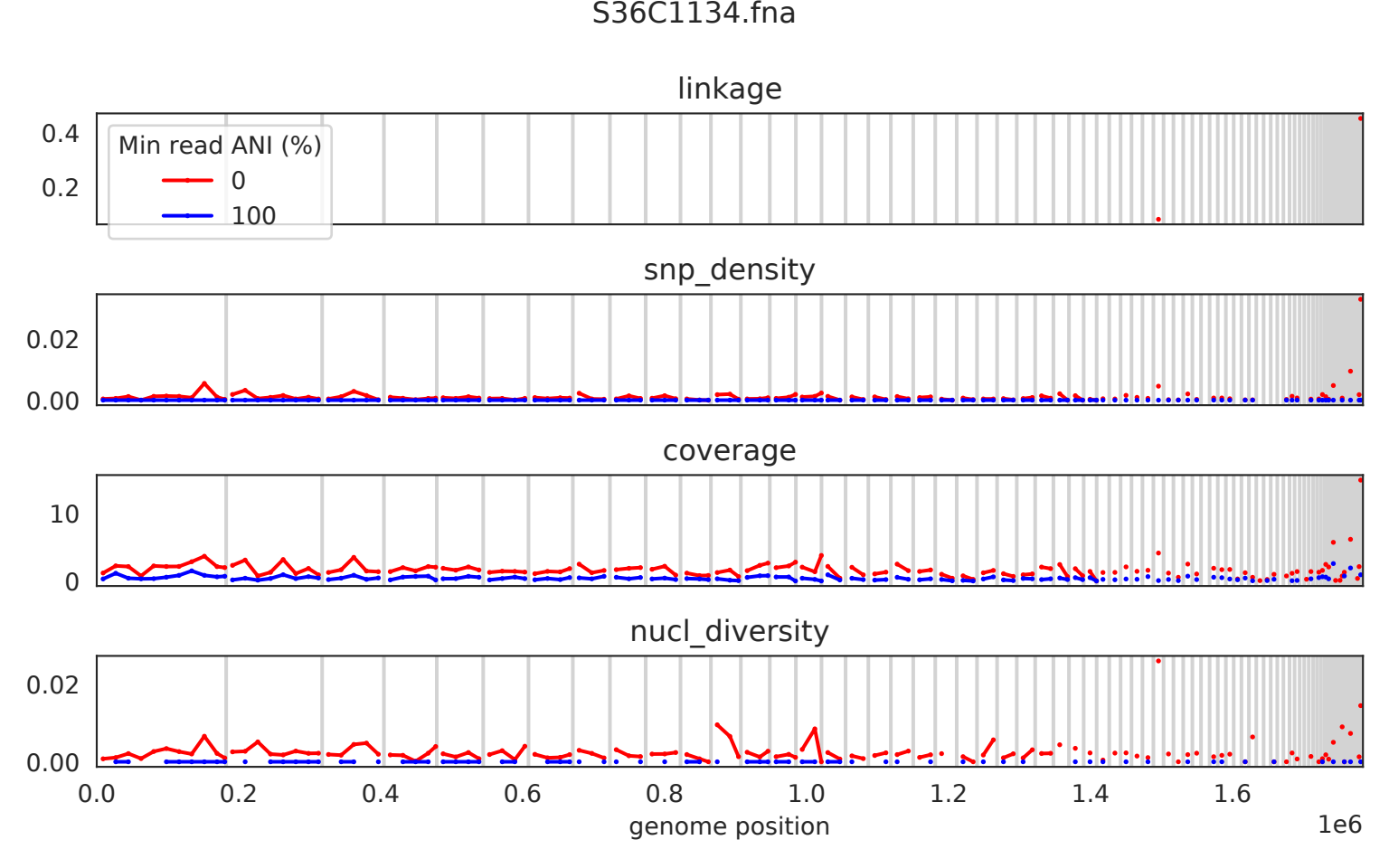

S28C2674.fna
linkage
0.4
0.2
Min read ANI (%)
0
100
snp_density
0.01
0.00
coverage
2
0
nucl_diversity
0.02
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1.2
genome position
1e6

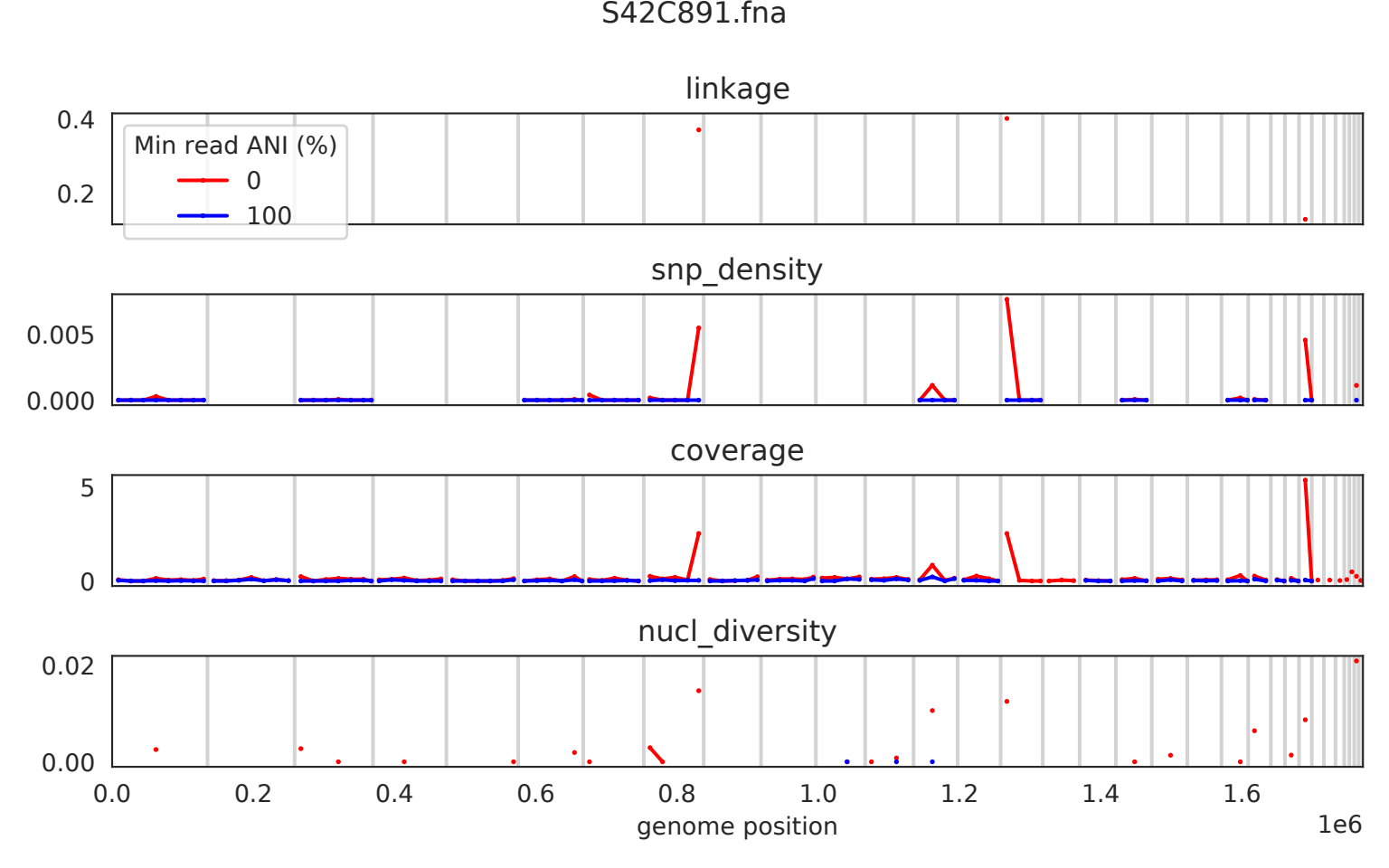

S2C1297.fna
snp_density
0.004
0.002
0.000
Min read ANI (%)
0.0
100.0
coverage
1
0
nucl_diversity
0.0050
0.0025
0.0000
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
genome position
1e6

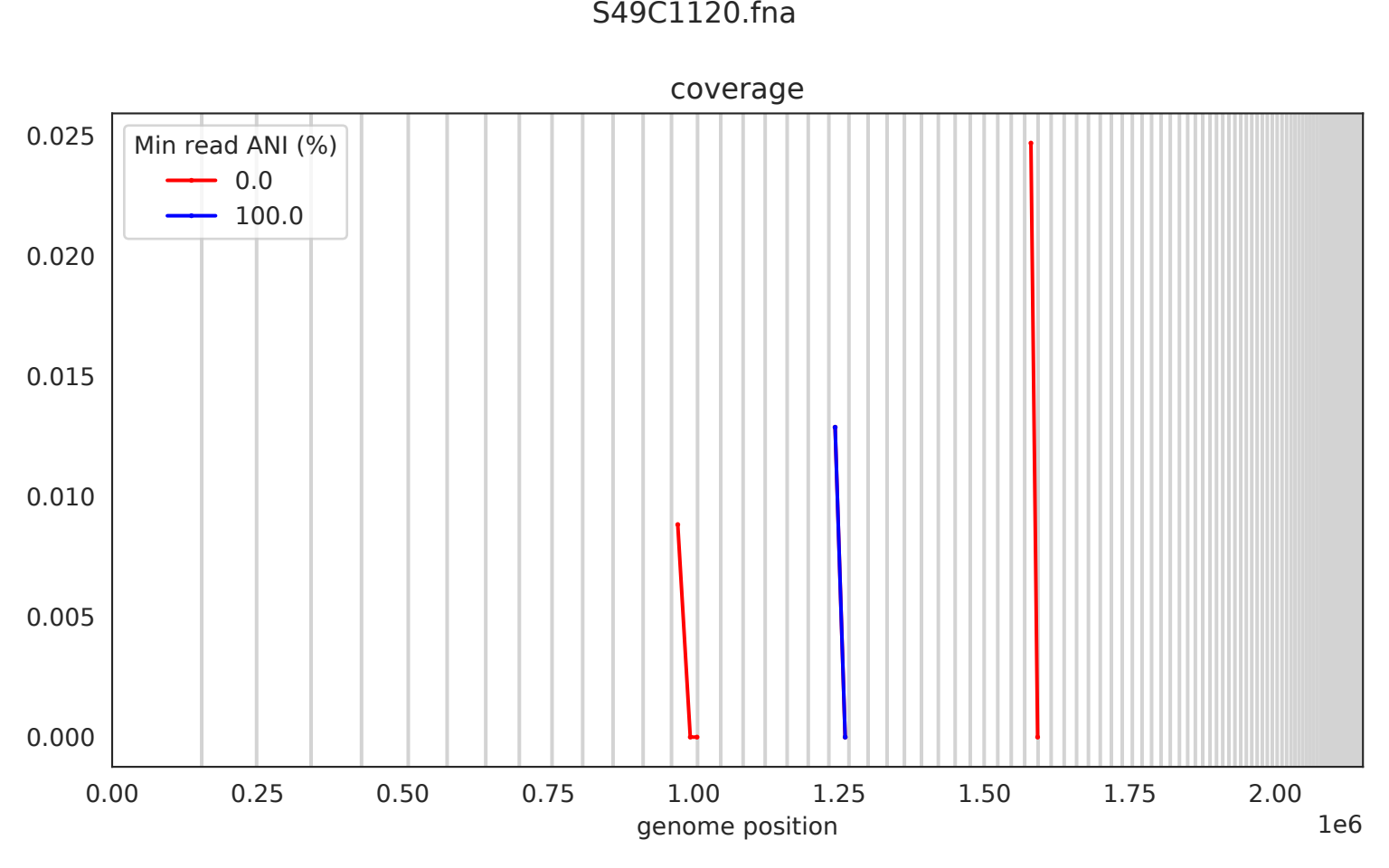

S2C205.fna
linkage
1
0
Min read ANI (%)
0
100
snp_density
0.025
0.000
coverage
20
0
nucl_diversity
0.01
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6

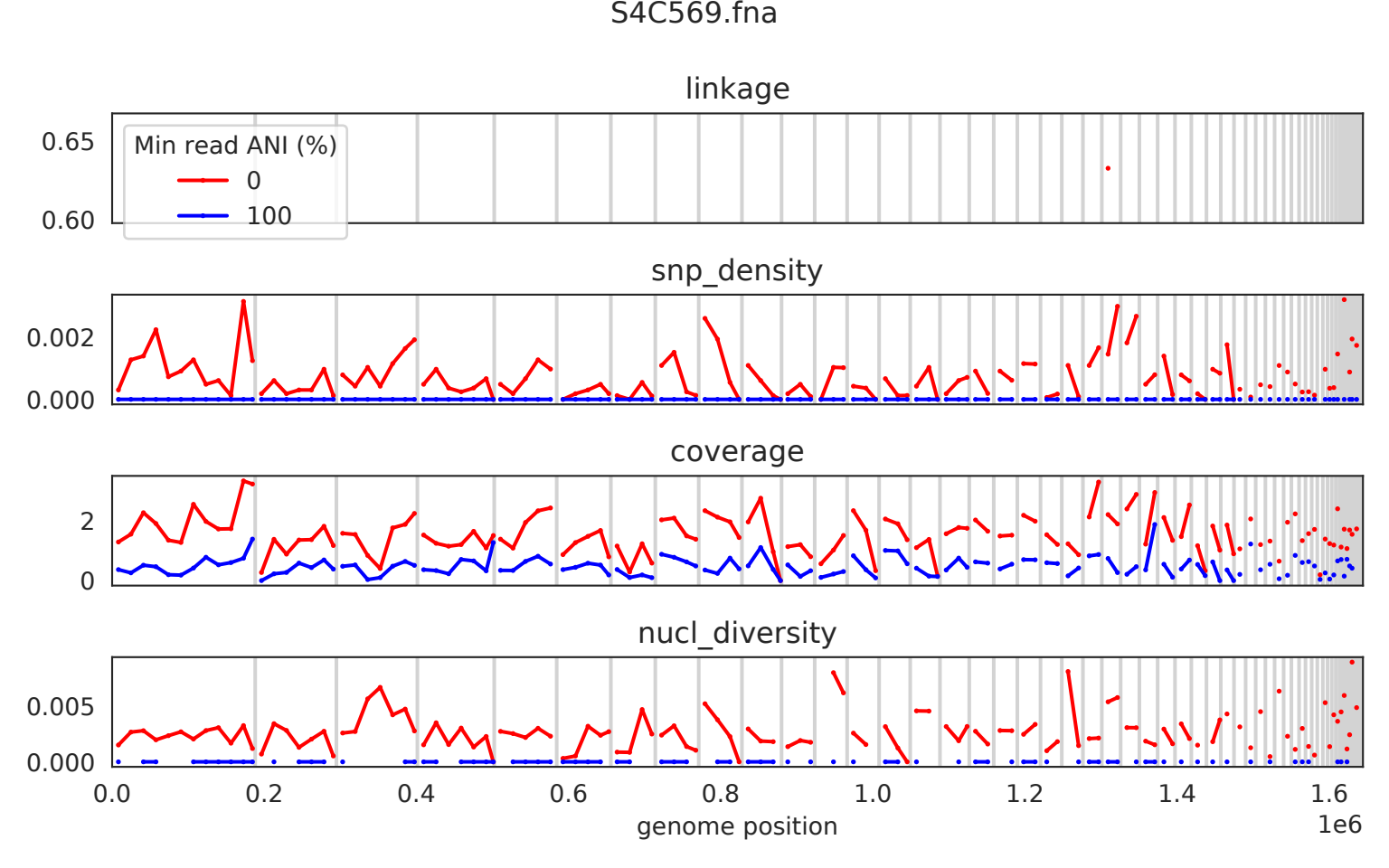

S2C3320.fna
linkage
0.75
0.50
Min read ANI (%)
0
100
snp_density
0.01
0.00
coverage
2.5
0.0
nucl_diversity
0.02
0.00
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6

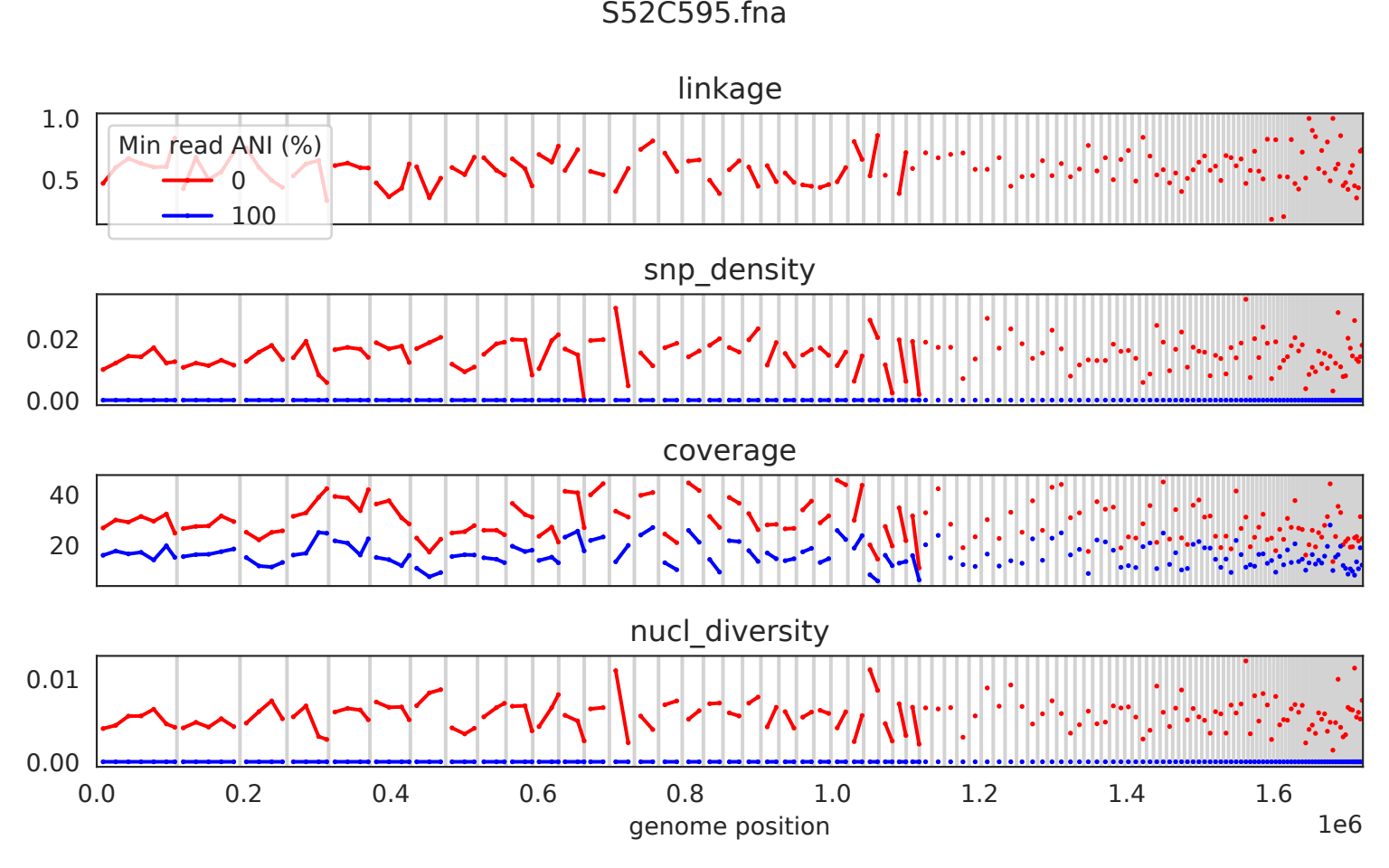

S33C4056.fna
snp_density
Min read ANI (%)
0.0
100.0
0.002
0.001
0.000
coverage
1
0
nucl_diversity
0.02
0.01
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1.2
genome position
1e6

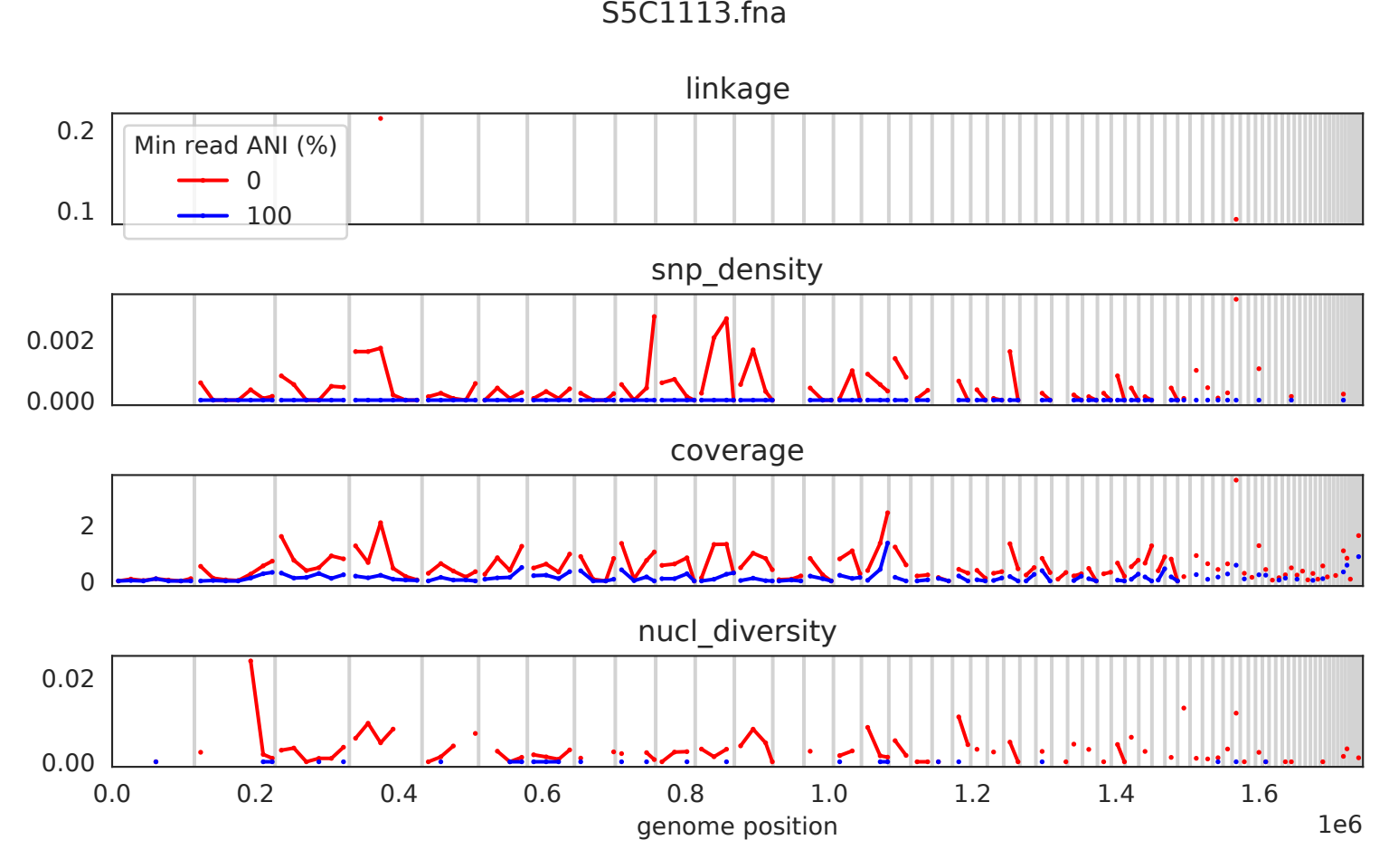

S36C1134.fna
linkage
Min read ANI (%)
0
100
0.4
0.2
snp_density
0.02
0.00
coverage
10
0
nucl_diversity
0.02
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6

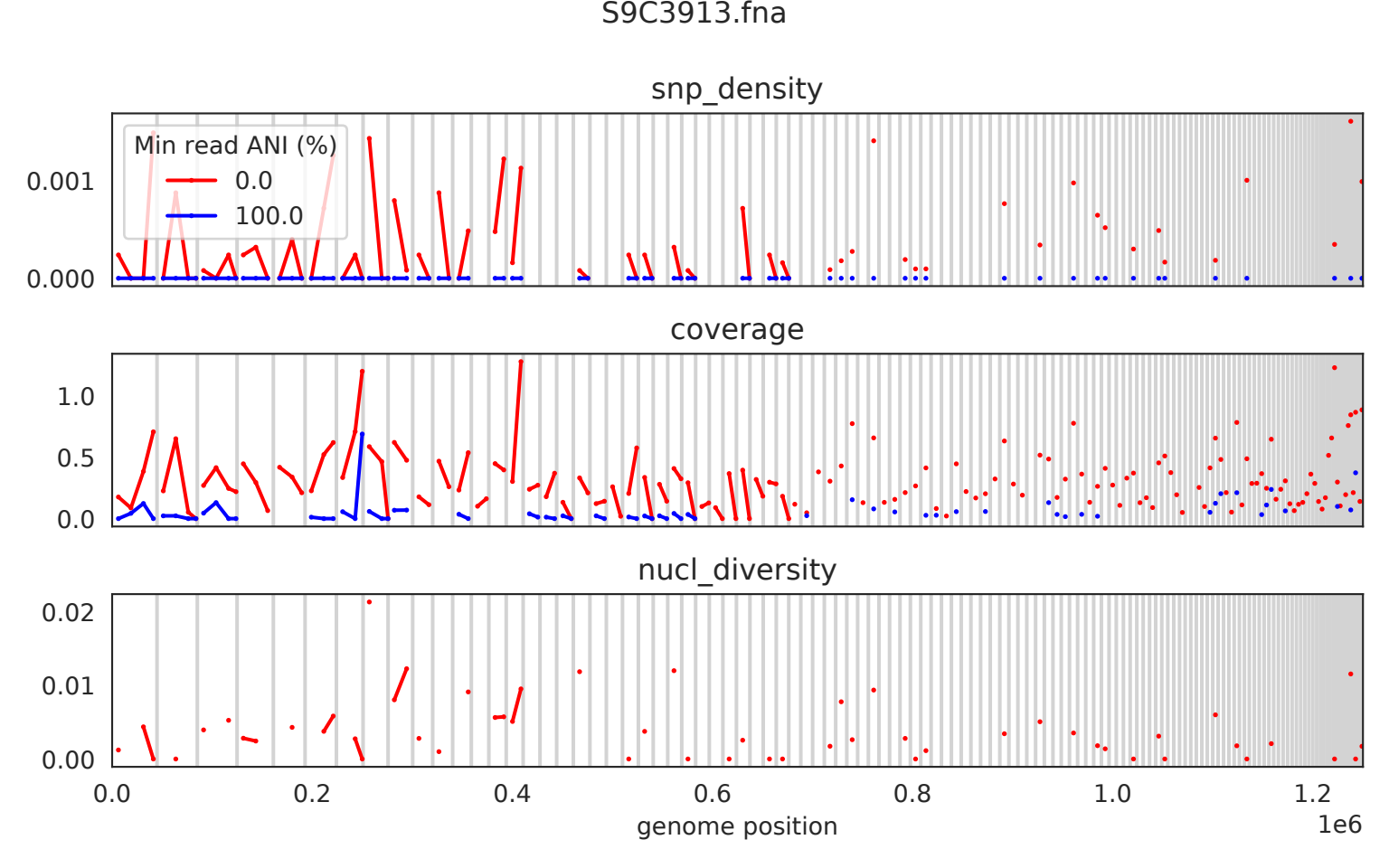

S42C891.fna
linkage
0.4
0.2
Min read ANI (%)
0
100
snp_density
0.005
0.000
coverage
5
0
nucl_diversity
0.02
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6


S49C1120.fna
coverage
Min read ANI (%)
0.0
100.0
0.025
0.020
0.015
0.010
0.005
0.000
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
genome position
1e6


S4C569.fna
linkage
Min read ANI (%)
0
100
0.65
0.60
snp_density
0.002
0.000
coverage
2
0
nucl_diversity
0.005
0.000
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6


S52C595.fna
linkage
1.0
0.5
Min read ANI (%)
0
100
snp_density
0.02
0.00
coverage
40
20
nucl_diversity
0.01
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6


S5C1113.fna
linkage
Min read ANI (%)
0
100
0.2
0.1
snp_density
0.002
0.000
coverage
2
0
nucl_diversity
0.02
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
genome position
1e6


S9C3913.fna
snp_density
Min read ANI (%)
0.0
100.0
0.001
0.000
coverage
1.0
0.5
0.0
nucl_diversity
0.02
0.01
0.00
0.0
0.2
0.4
0.6
0.8
1.0
1.2
genome position
1e6