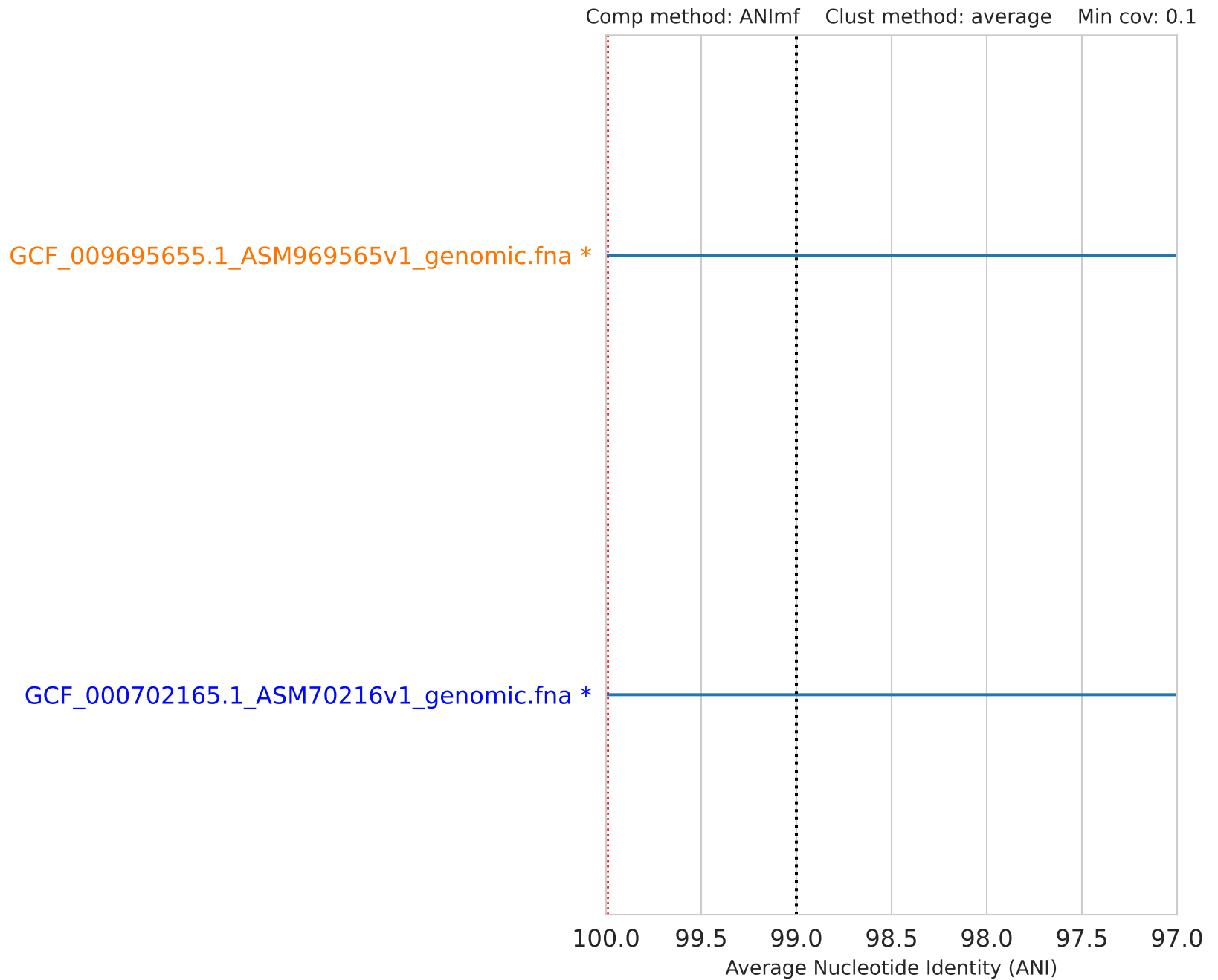
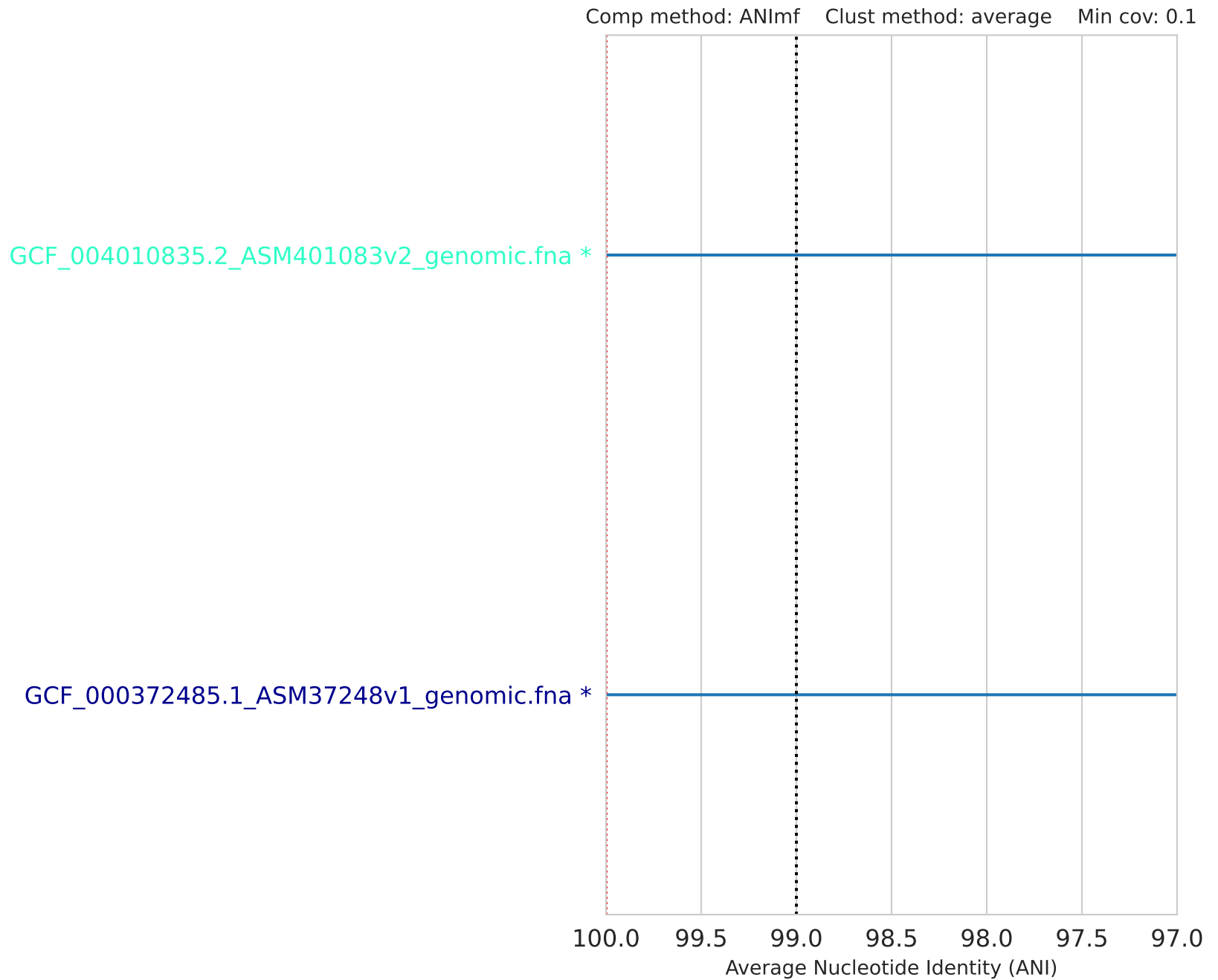


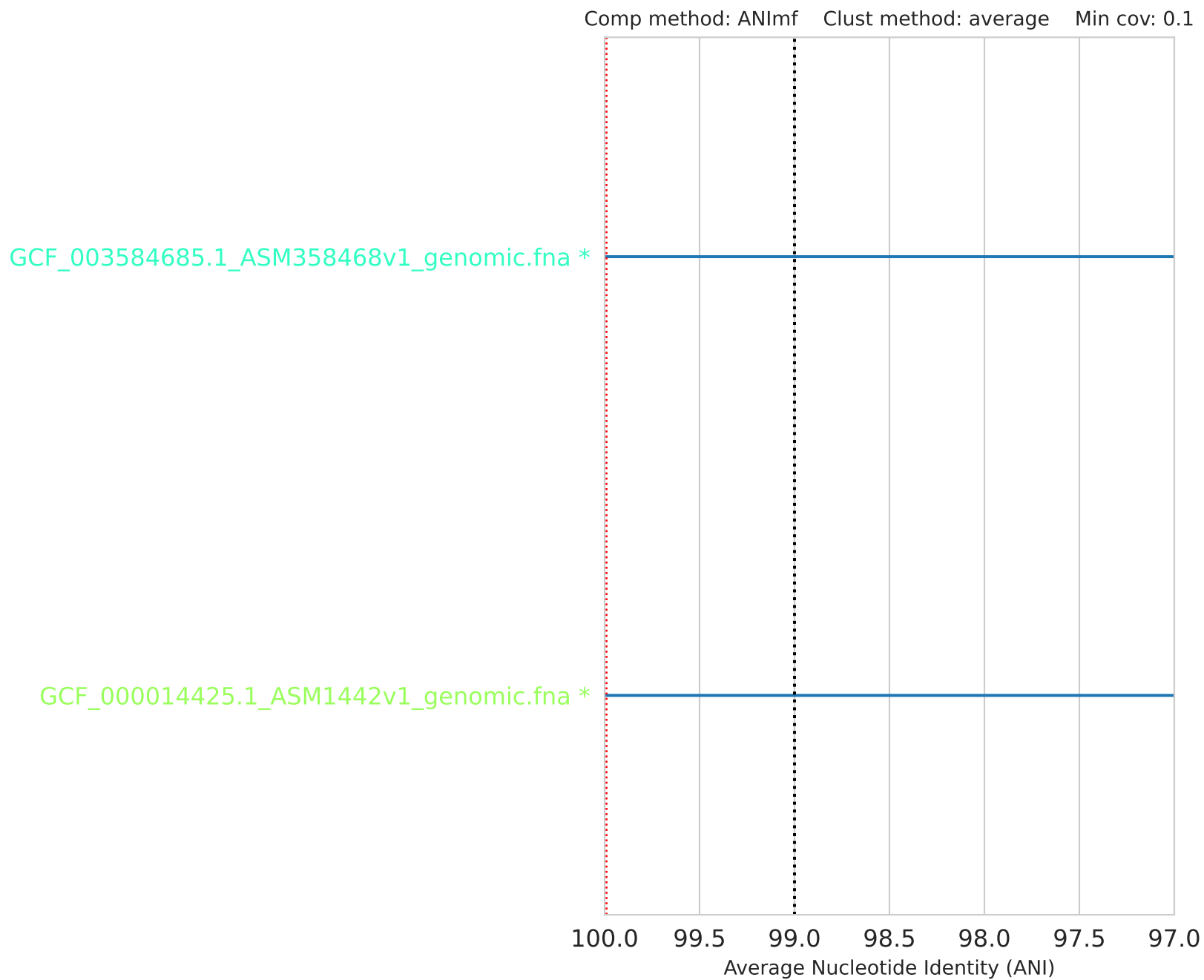
Primary cluster 1



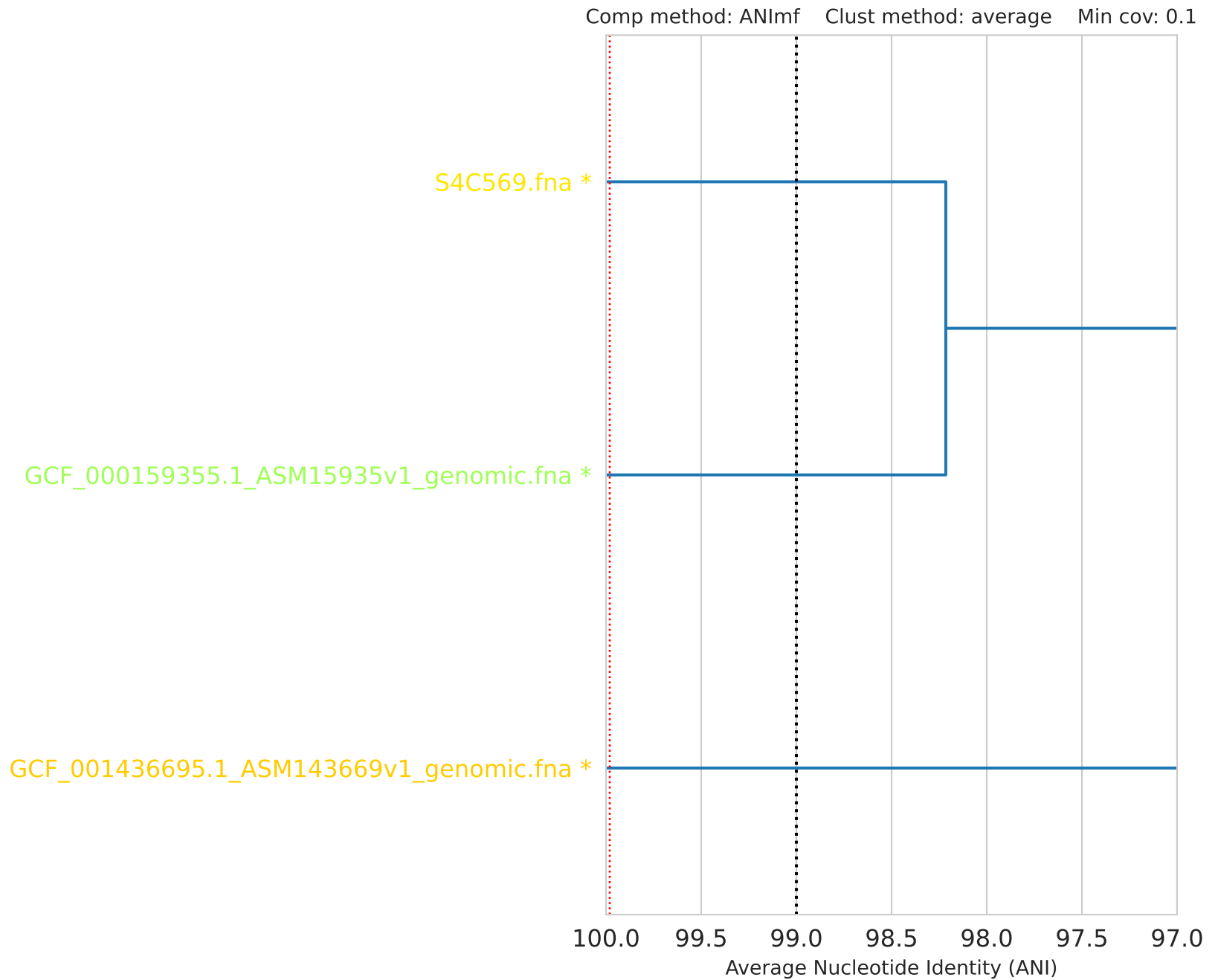
Primary cluster 2



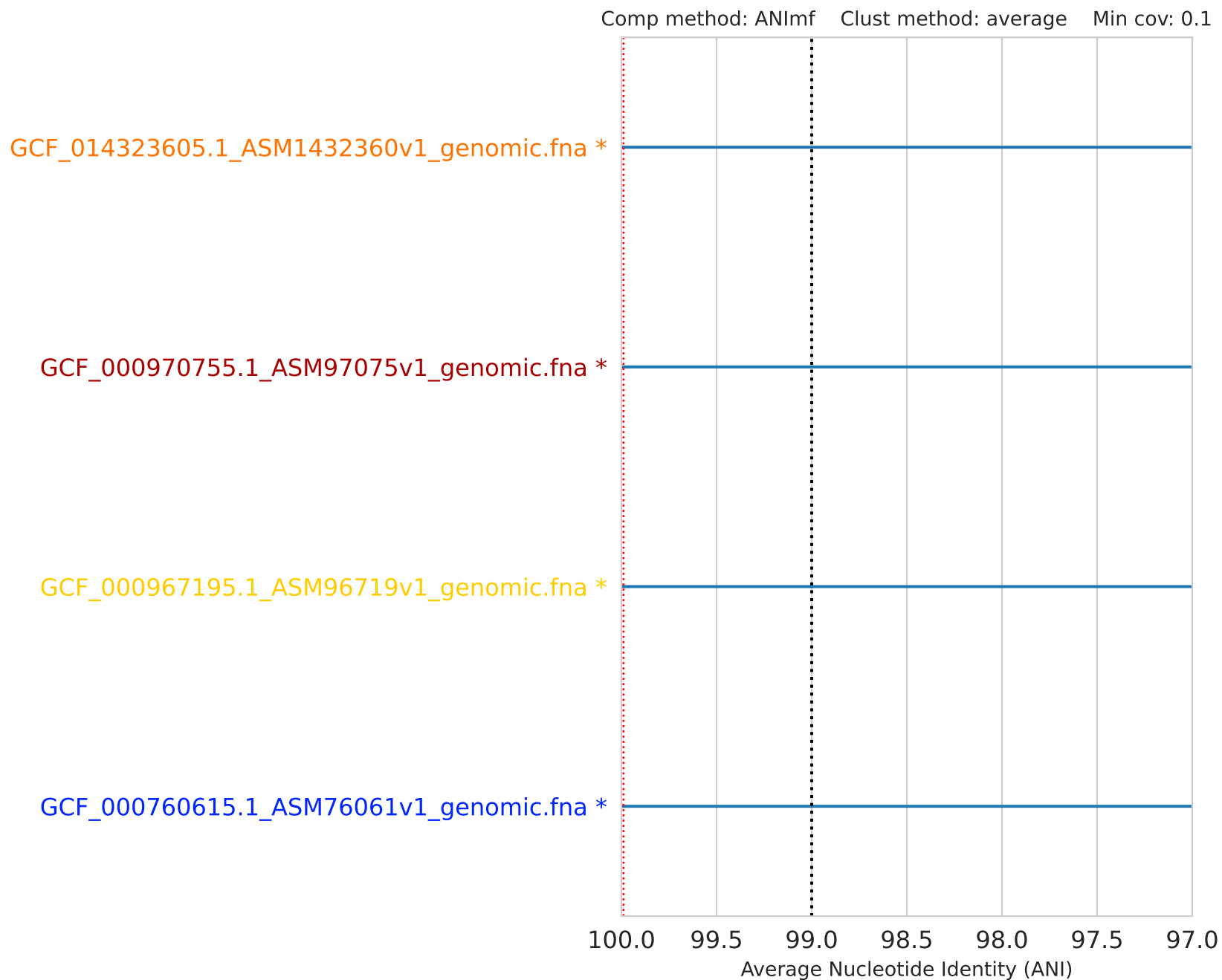
Primary cluster 7



Primary cluster 8



Primary cluster 14

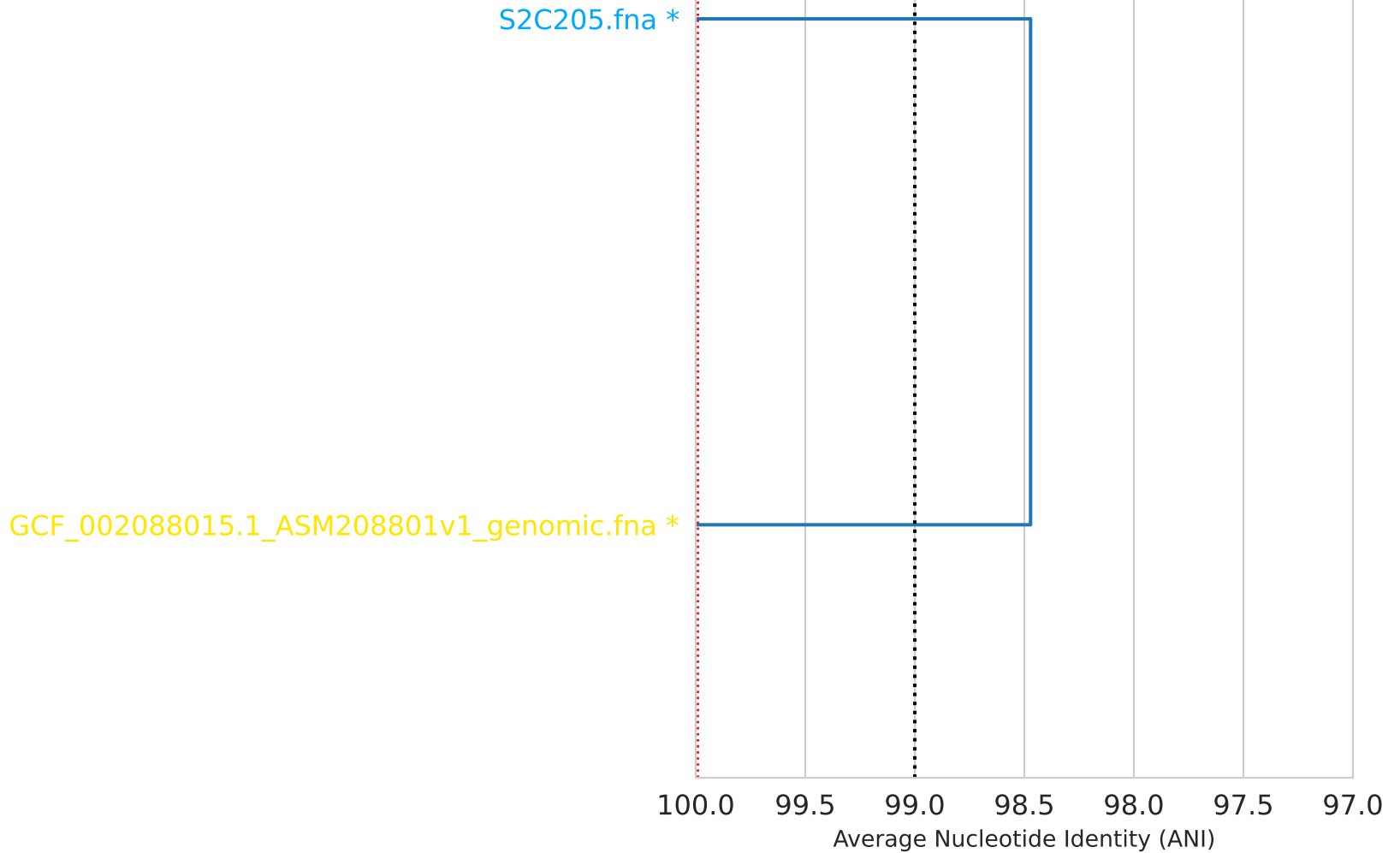


Primary cluster 24

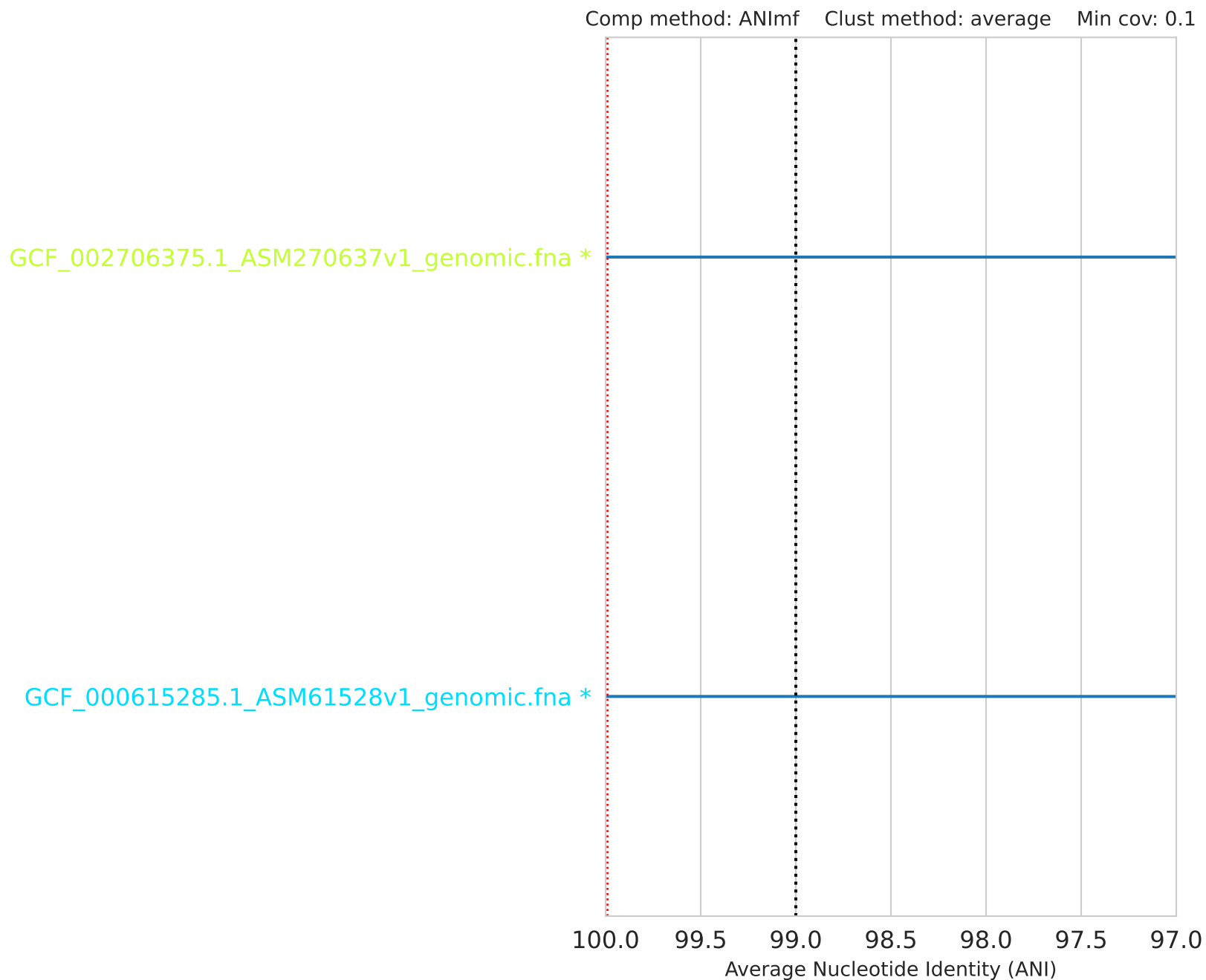
Comp method: ANImf

Clust method: average

Min cov: 0.1



Primary cluster 25

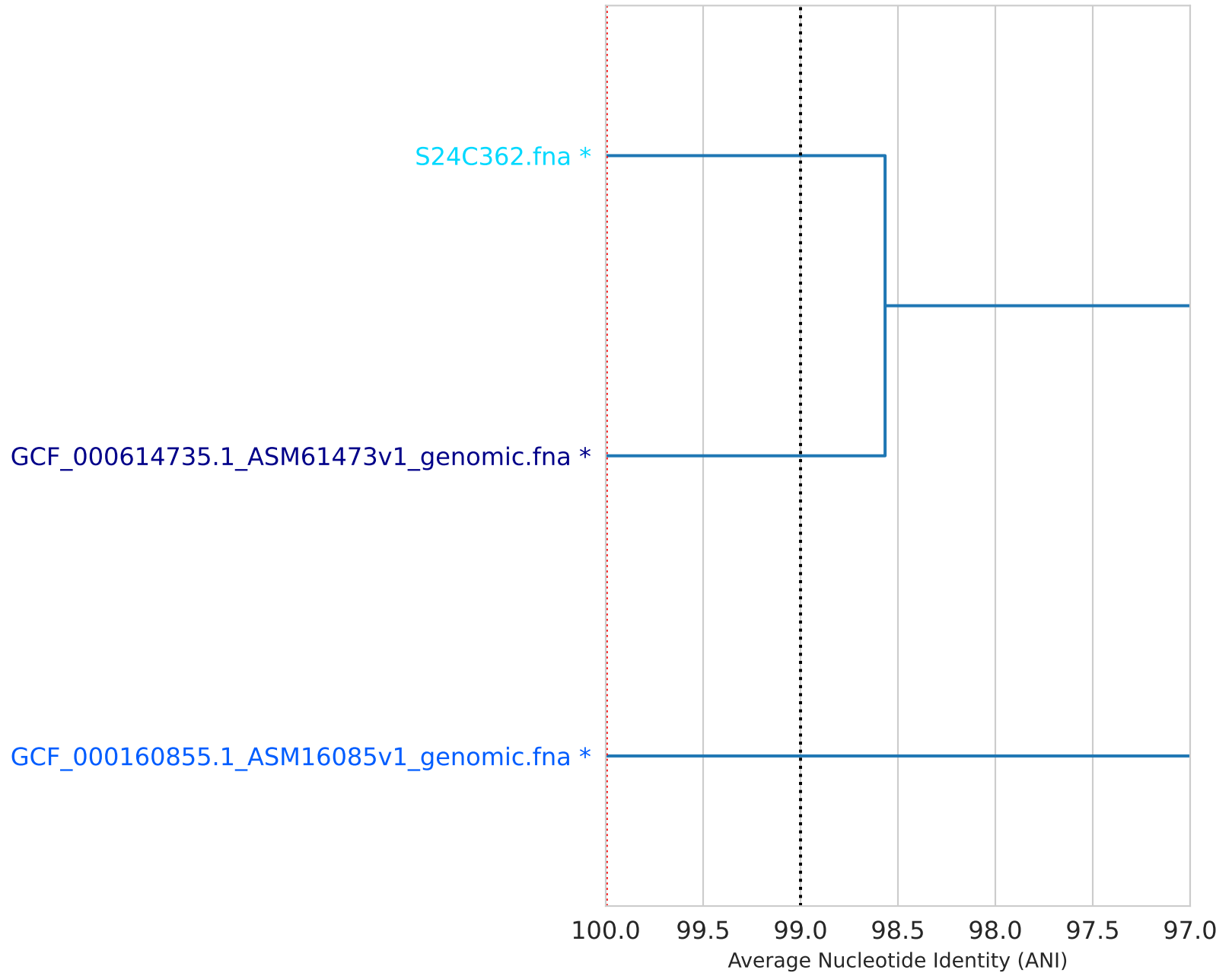


Primary cluster 26

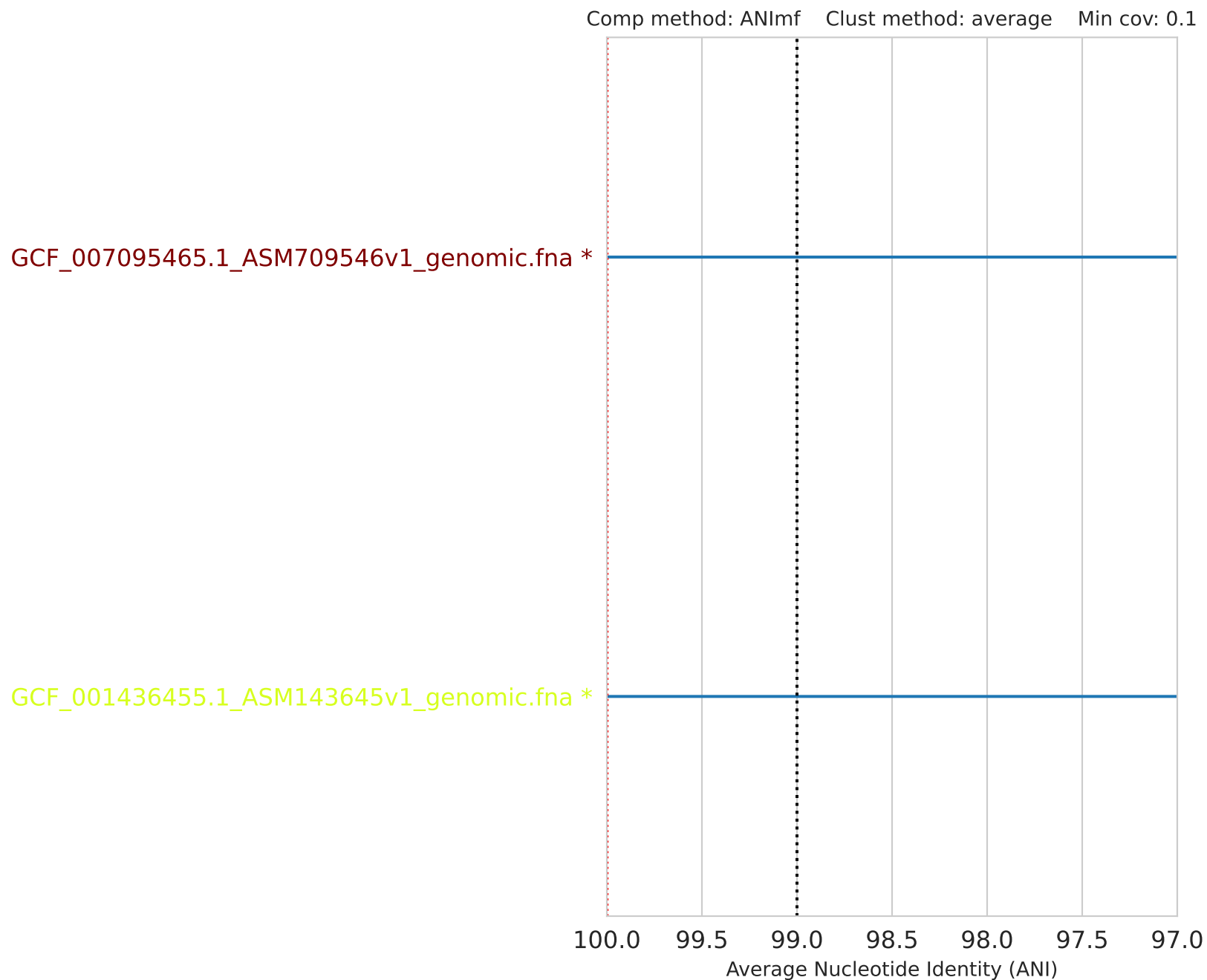
Comp method: ANImf

Clust method: average

Min cov: 0.1



Primary cluster 36



Primary cluster 45

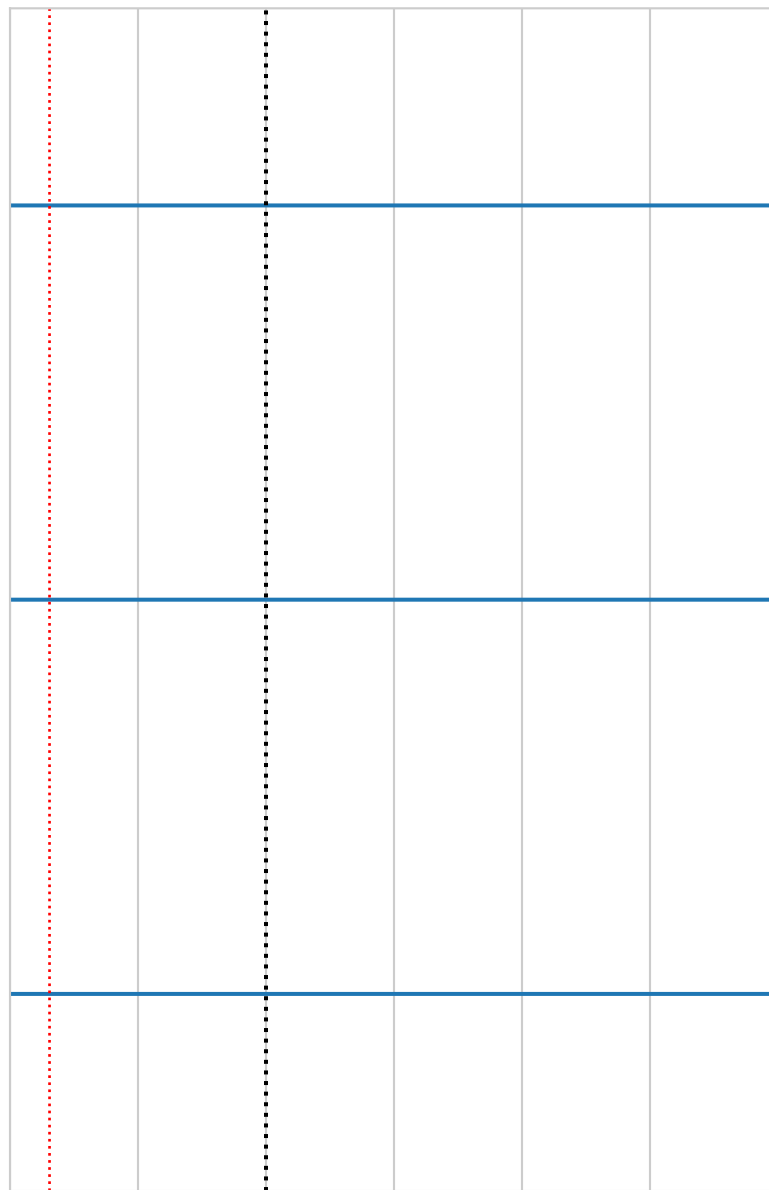
Comp method: ANImf Clust method: average Min cov: 0.1

GCF_001433875.1_ASM143387v1_genomic.fna *

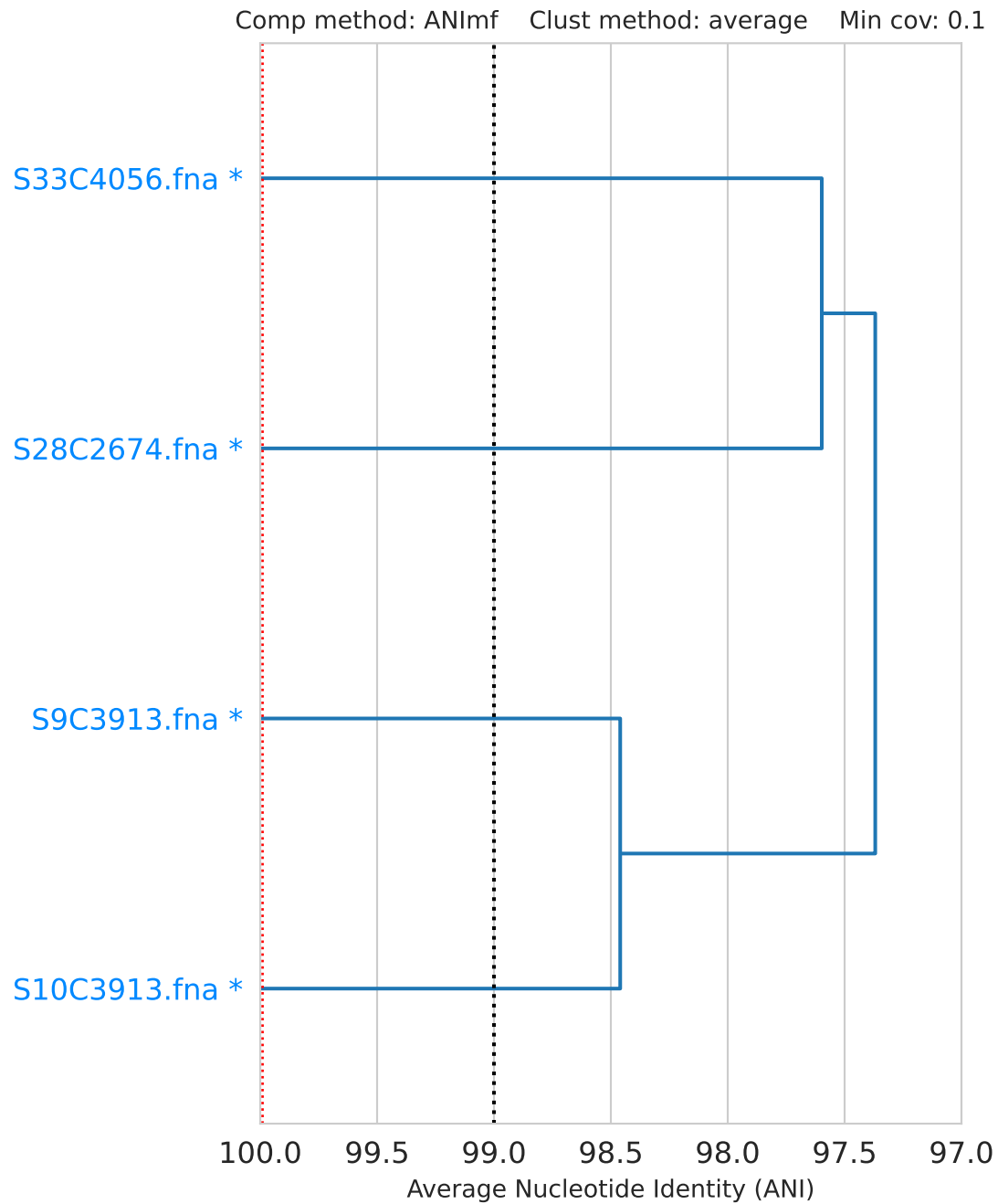
GCA_004556255.1_ASM455625v1_genomic.fna *

S52C595.fna *

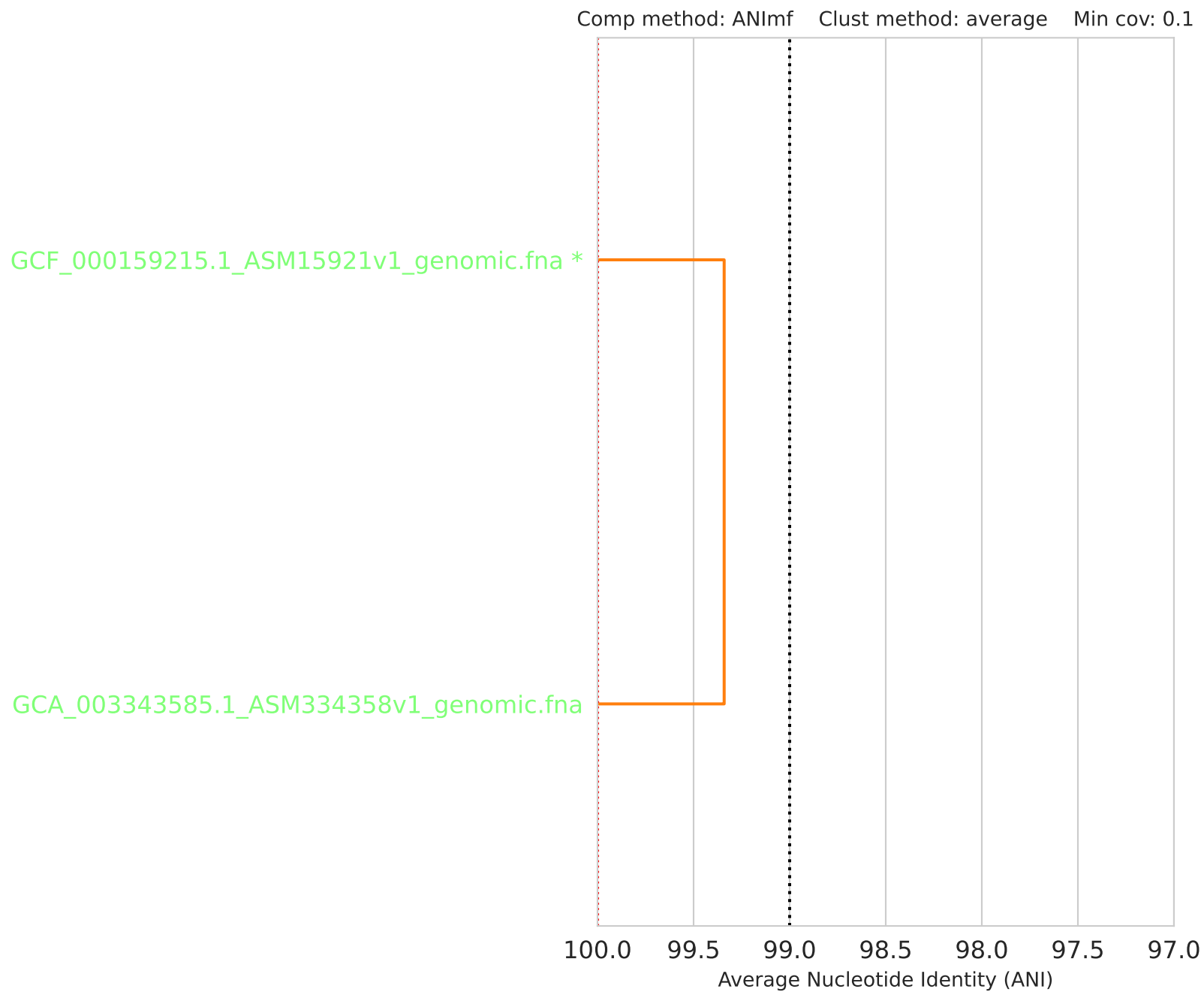
100.0 99.5 99.0 98.5 98.0 97.5 97.0
Average Nucleotide Identity (ANI)



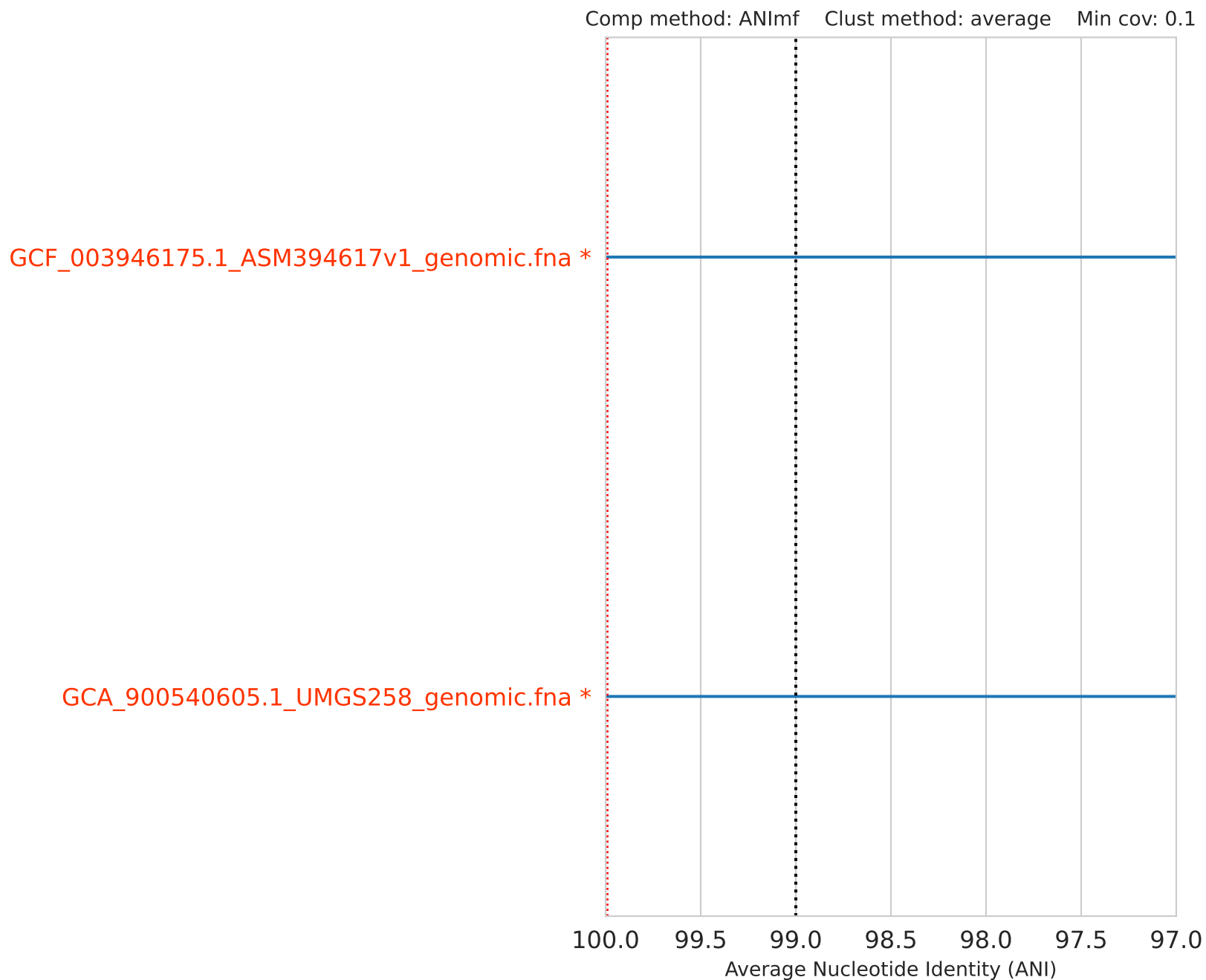
Primary cluster 49



Primary cluster 50



Primary cluster 57



Primary cluster 71

Comp method: ANImf

Clust method: average

Min cov: 0.1

GCF_000166735.1_ASM16673v1_genomic.fna *

GCF_000166715.1_ASM16671v1_genomic.fna *

100.0 99.5 99.0 98.5 98.0 97.5 97.0
Average Nucleotide Identity (ANI)

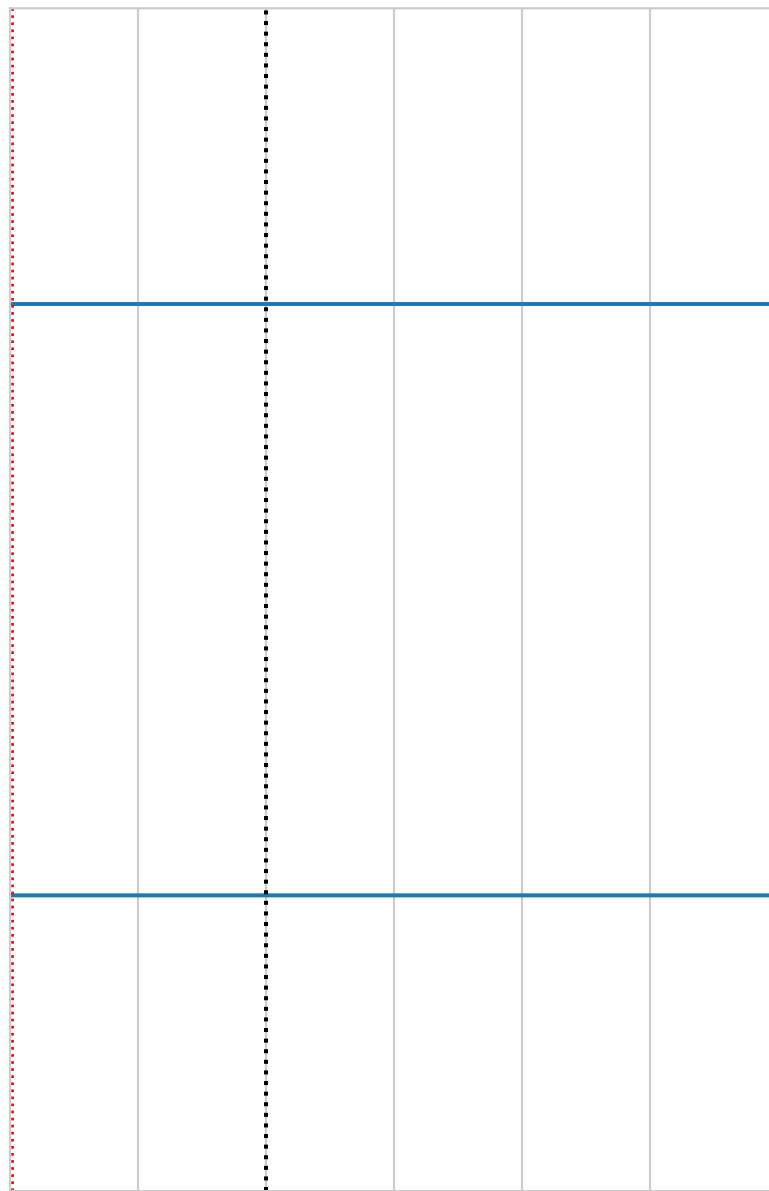
Primary cluster 72

Comp method: ANImf Clust method: average Min cov: 0.1

GCF_007954625.1_ASM795462v1_genomic.fna *

GCA_014651235.1_ASM1465123v1_genomic.fna *

100.0 99.5 99.0 98.5 98.0 97.5 97.0
Average Nucleotide Identity (ANI)



Primary cluster 76

Comp method: ANImf

Clust method: average

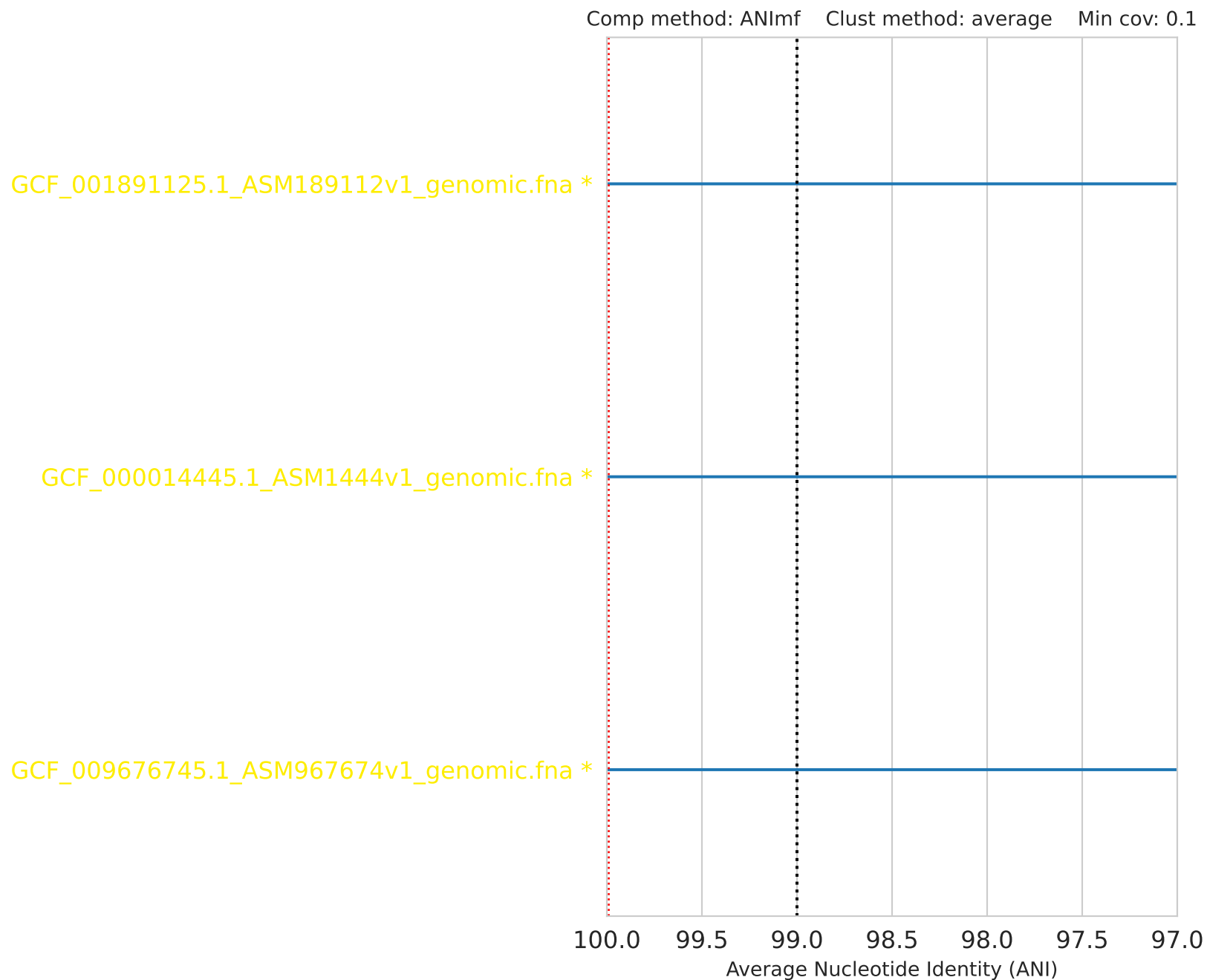
Min cov: 0.1

GCF_014634745.1_ASM1463474v1_genomic.fna *

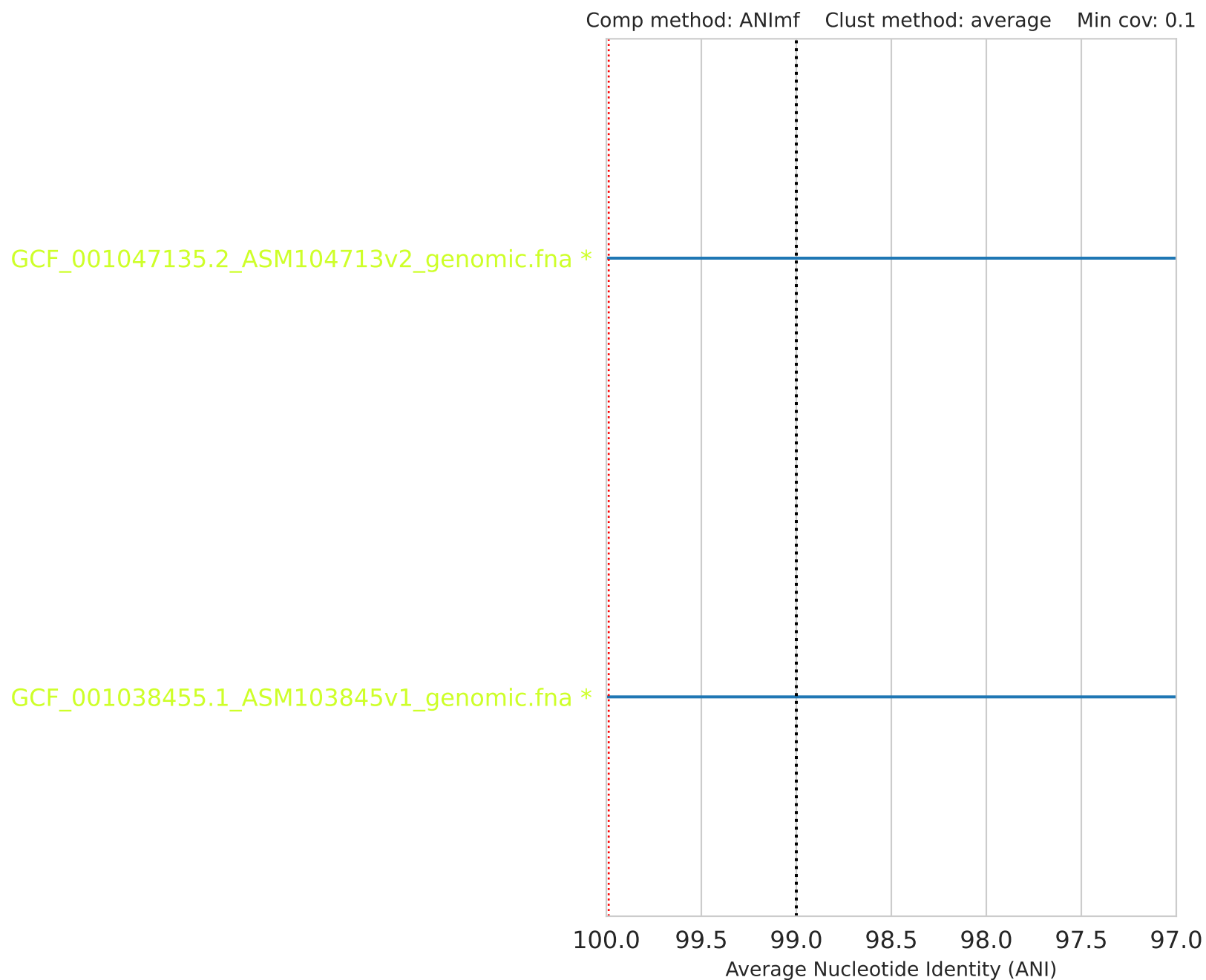
GCF_000297375.1_ASM29737v1_genomic.fna *

100.0 99.5 99.0 98.5 98.0 97.5 97.0
Average Nucleotide Identity (ANI)

Primary cluster 77



Primary cluster 84



Primary cluster 88

Comp method: ANImf Clust method: average Min cov: 0.1

GCF_006777025.1_ASM677702v1_genomic.fna *

GCF_005405545.1_ASM540554v1_genomic.fna *

100.0 99.5 99.0 98.5 98.0 97.5 97.0
Average Nucleotide Identity (ANI)

Primary cluster 95

Comp method: ANImf

Clust method: average

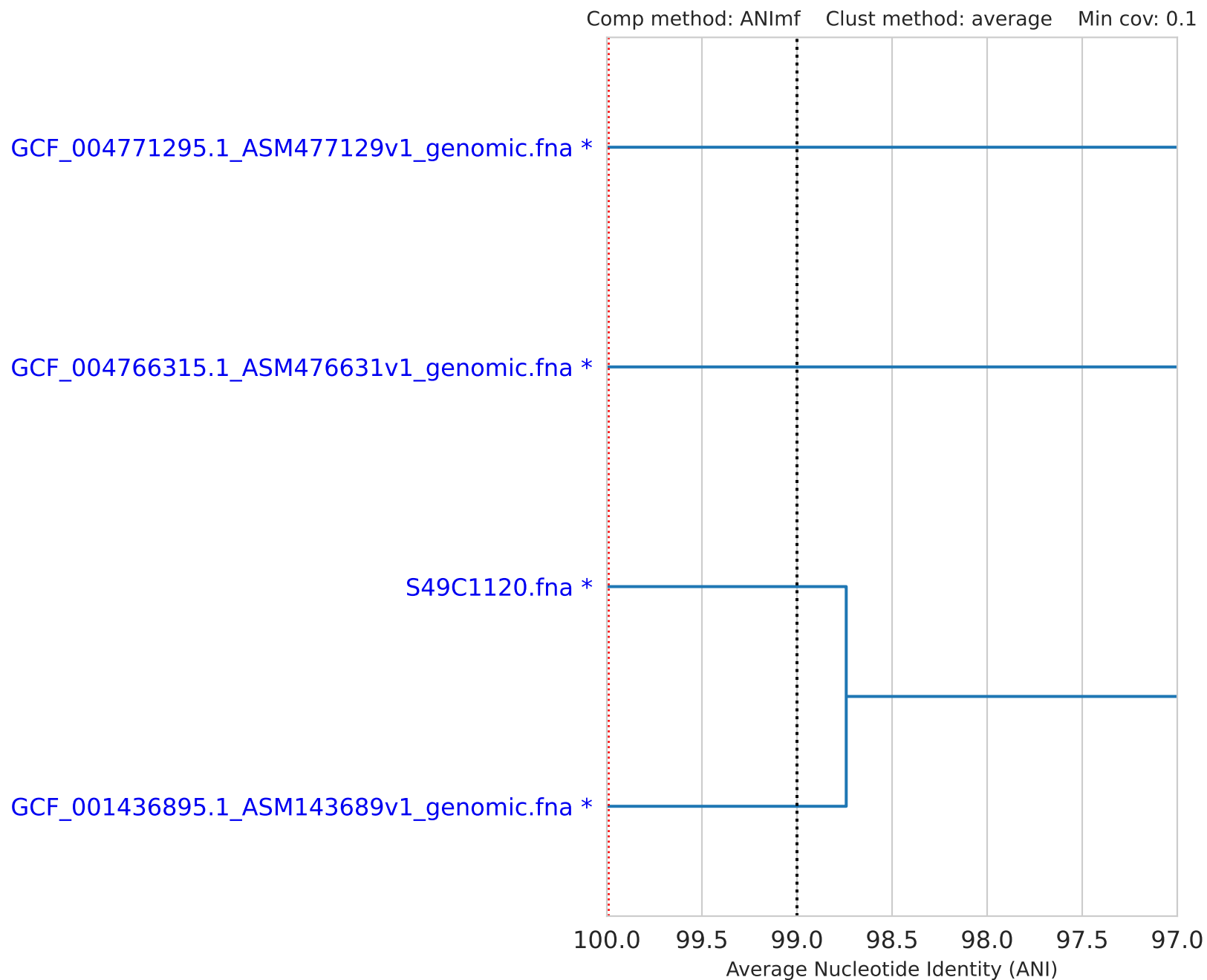
Min cov: 0.1

GCF_004521965.1_ASM452196v1_genomic.fna *

GCF_000193635.1_ASM19363v1_genomic.fna *

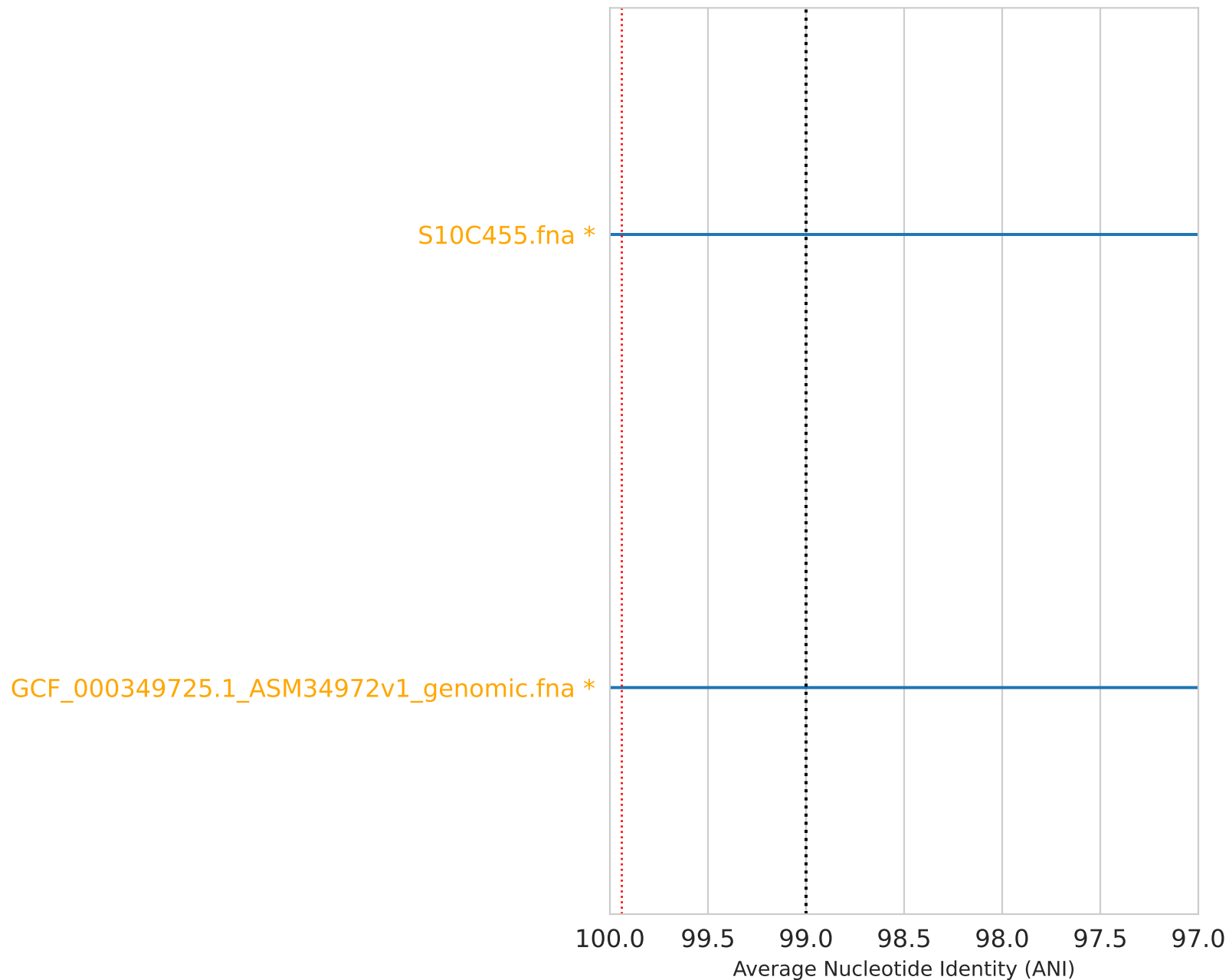
100.0 99.5 99.0 98.5 98.0 97.5 97.0
Average Nucleotide Identity (ANI)

Primary cluster 96



Primary cluster 107

Comp method: ANImf Clust method: average Min cov: 0.1



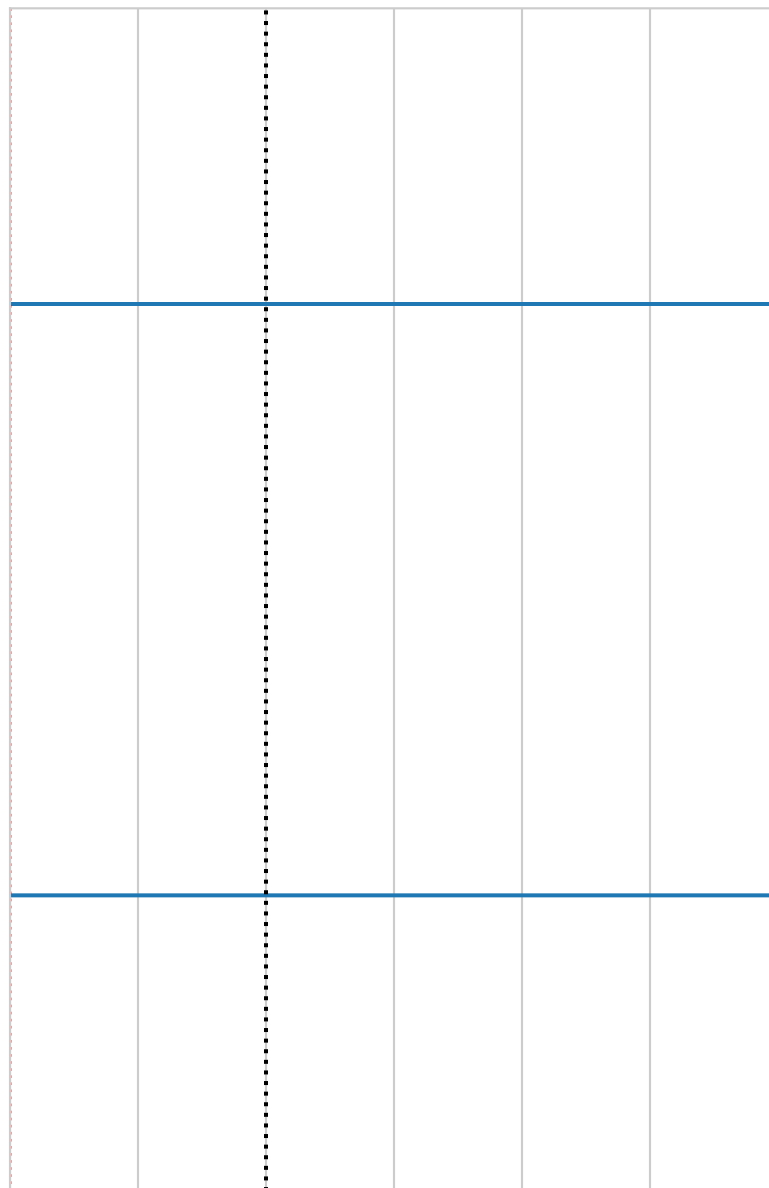
Primary cluster 110

Comp method: ANImf Clust method: average Min cov: 0.1

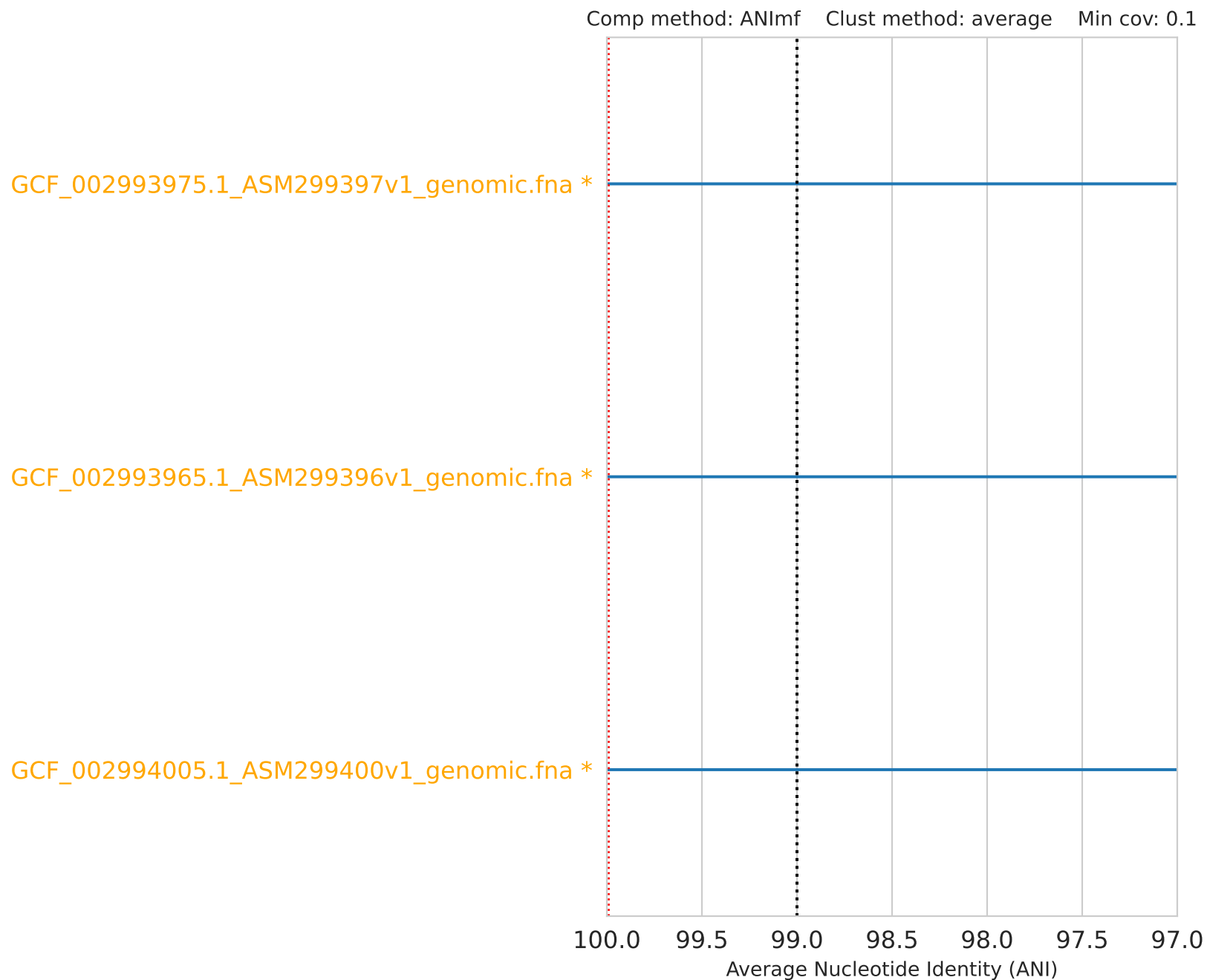
GCF_012843675.1_ASM1284367v1_genomic.fna *

GCF_001436025.1_ASM143602v1_genomic.fna *

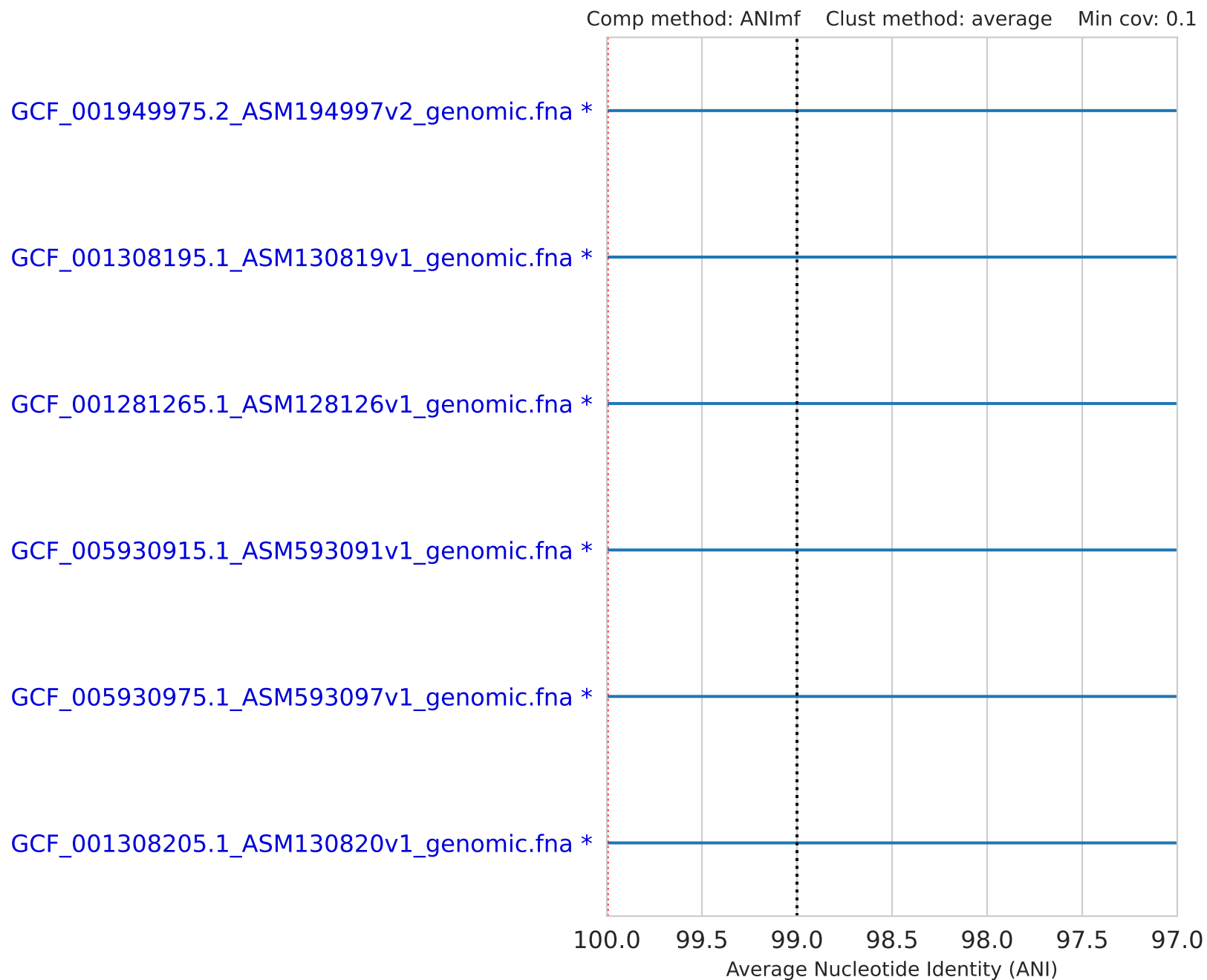
100.0 99.5 99.0 98.5 98.0 97.5 97.0
Average Nucleotide Identity (ANI)



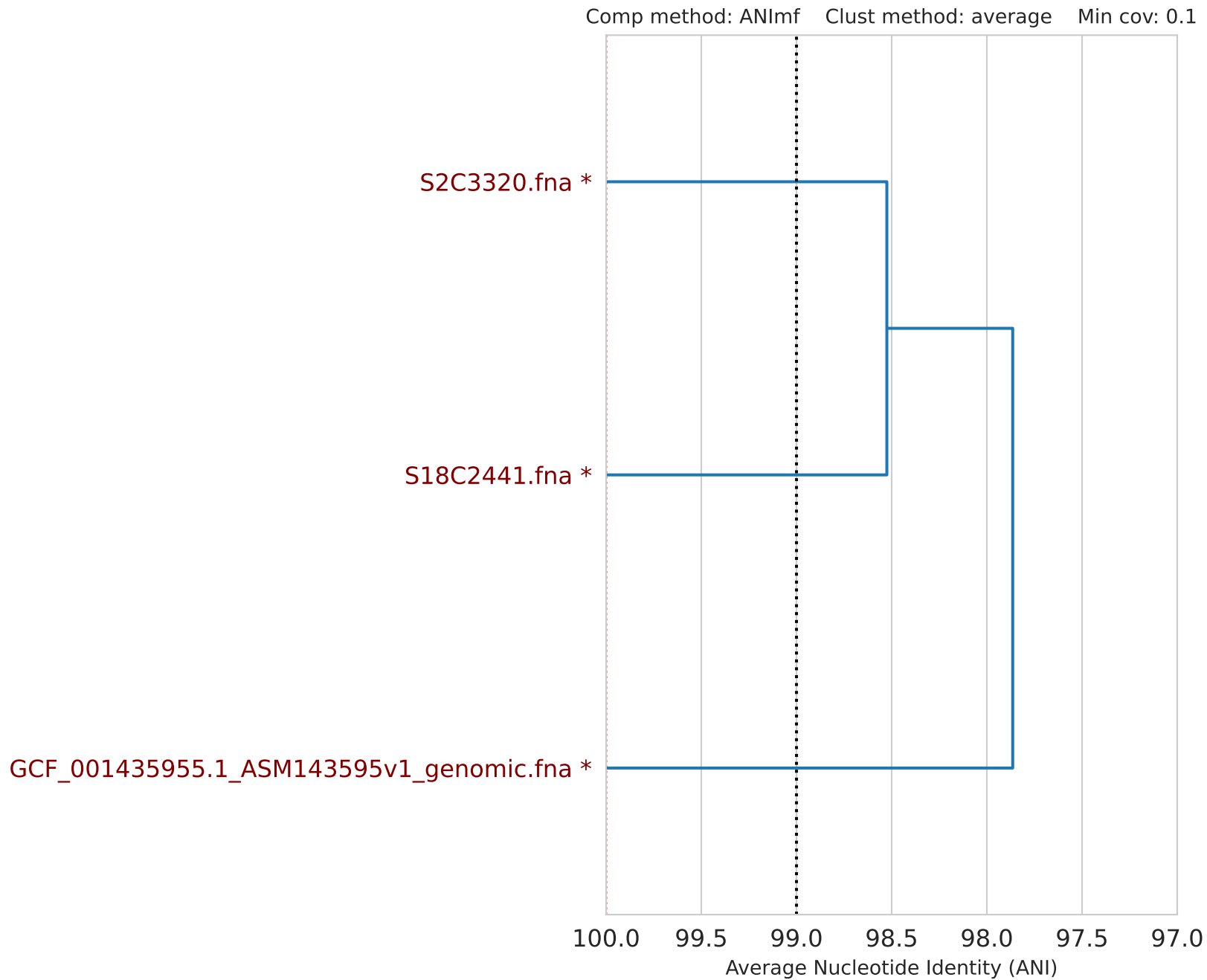
Primary cluster 112



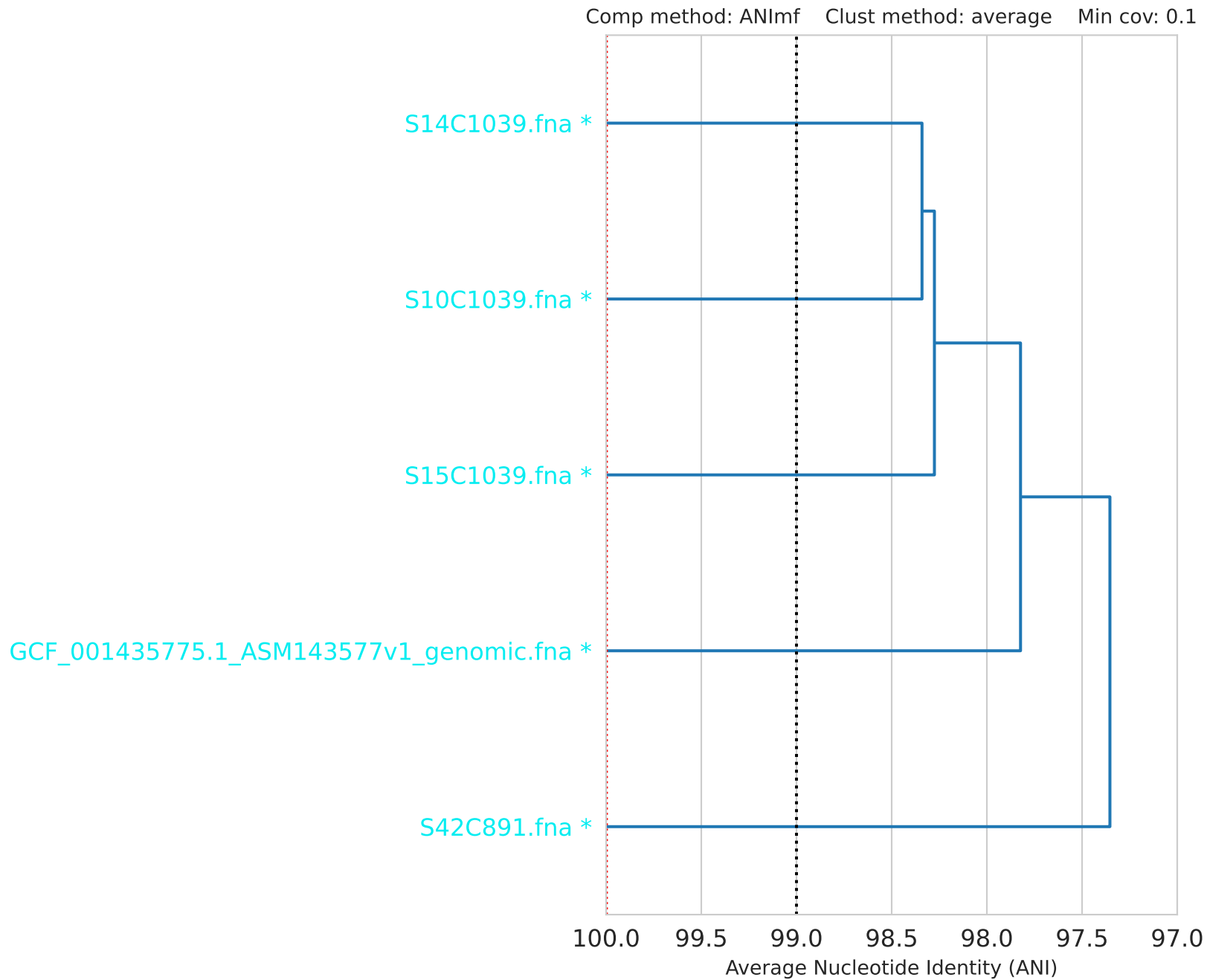
Primary cluster 113



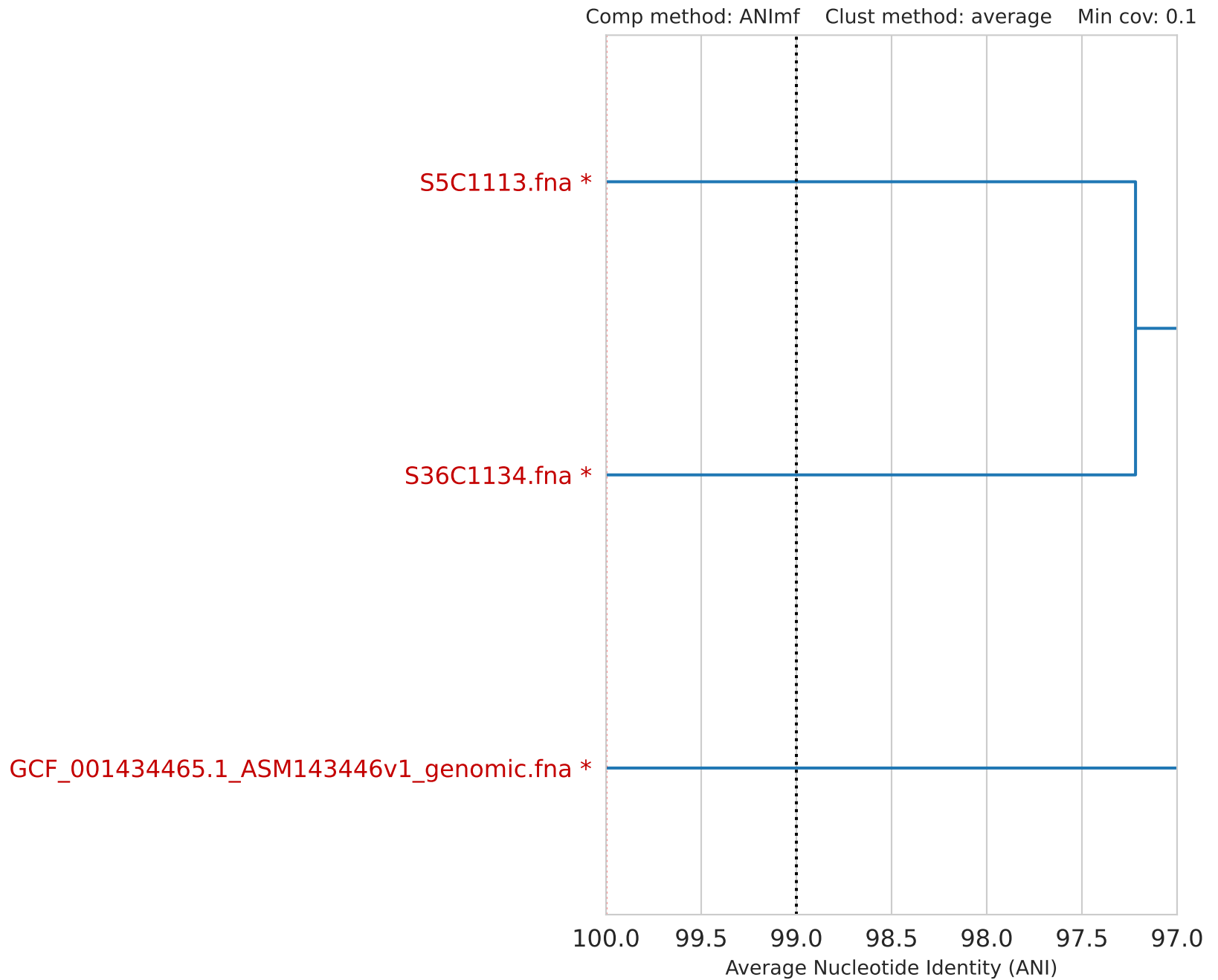
Primary cluster 117



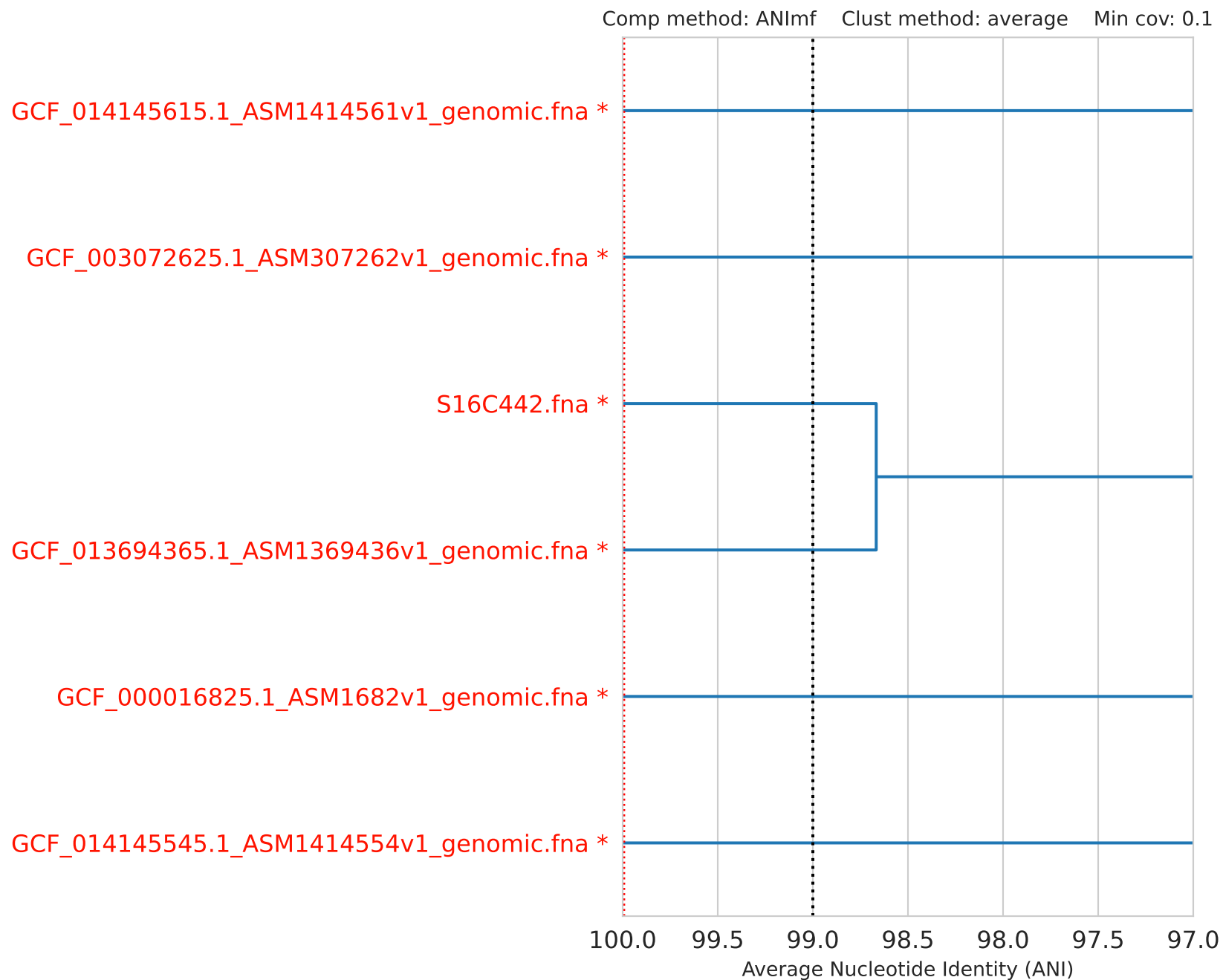
Primary cluster 120



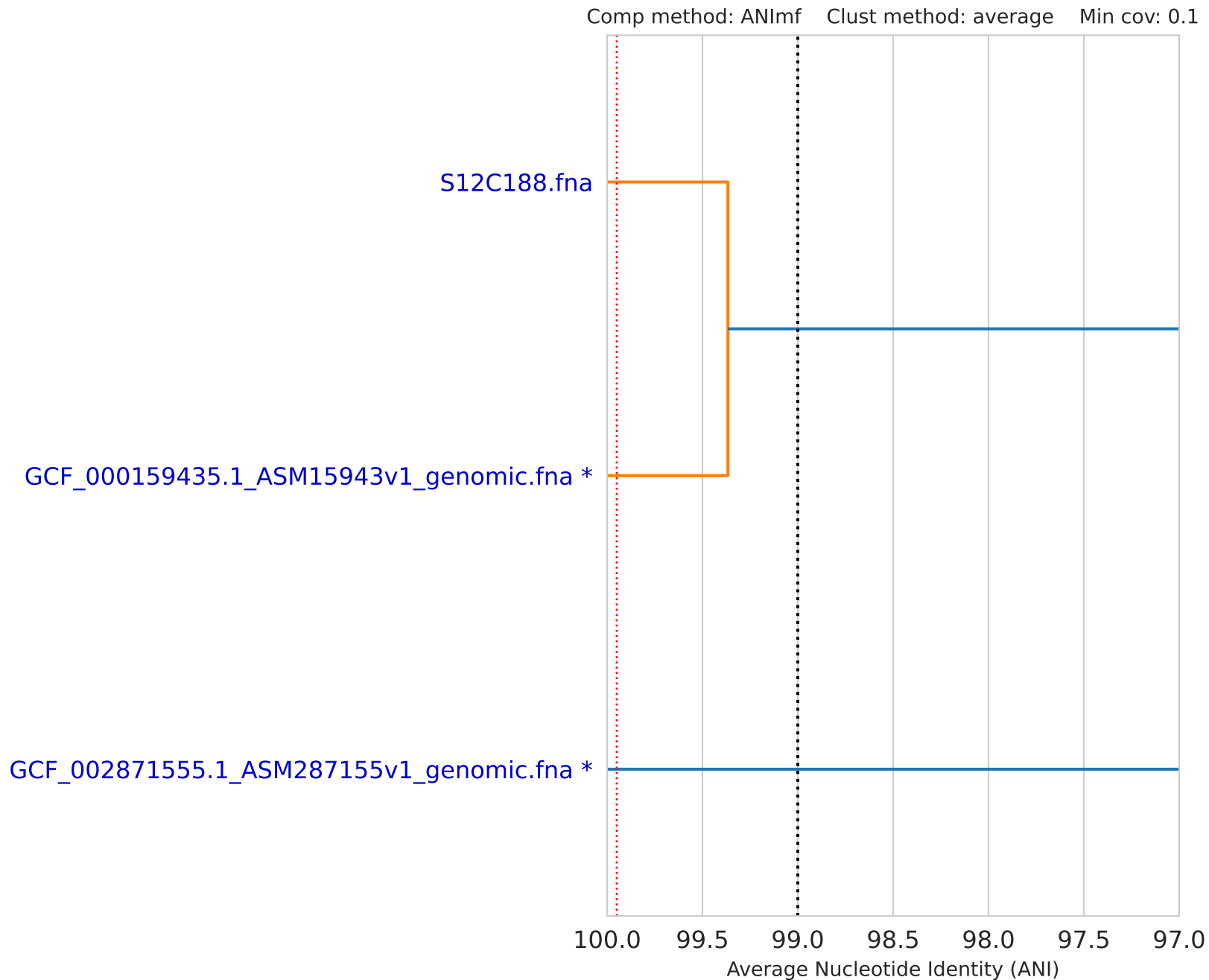
Primary cluster 128



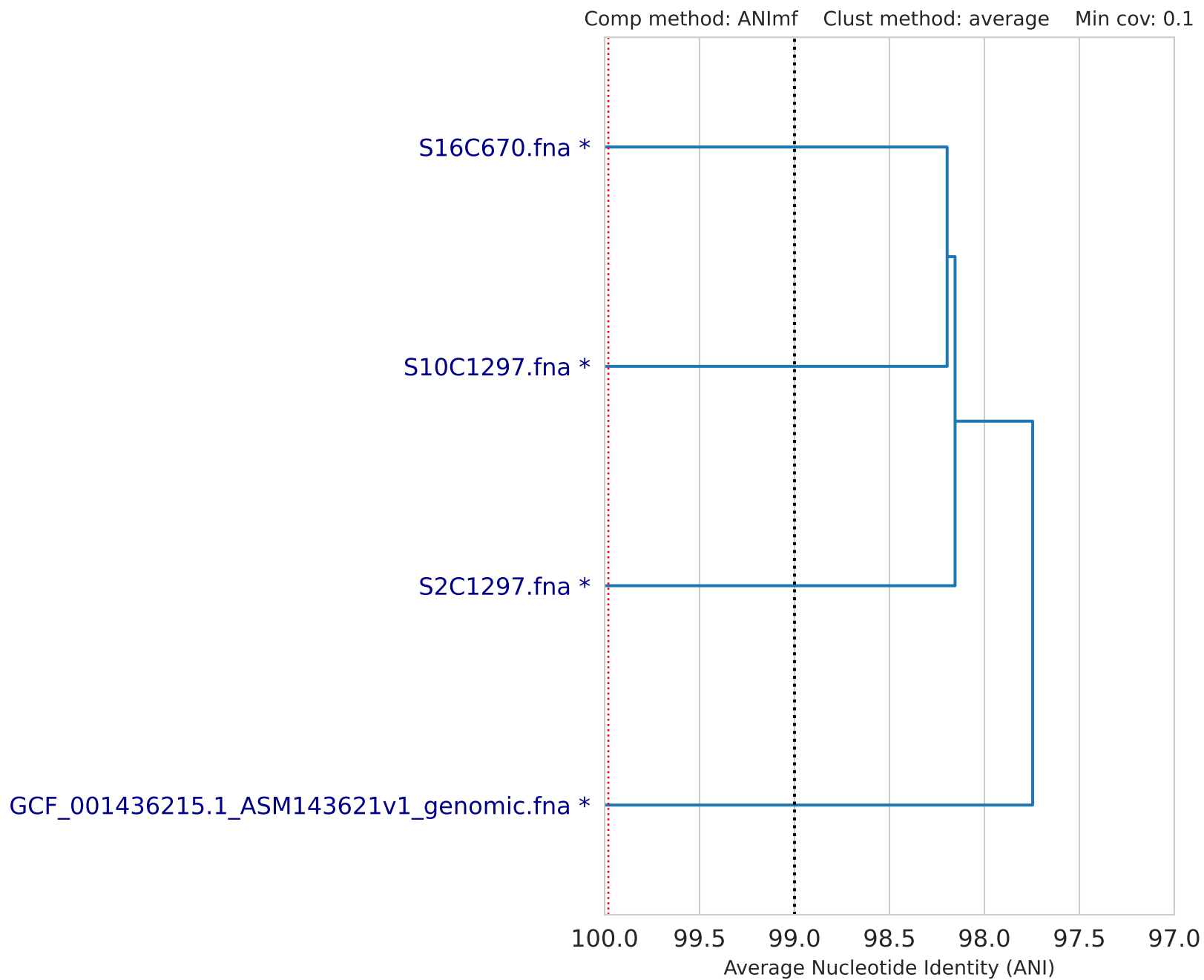
Primary cluster 133



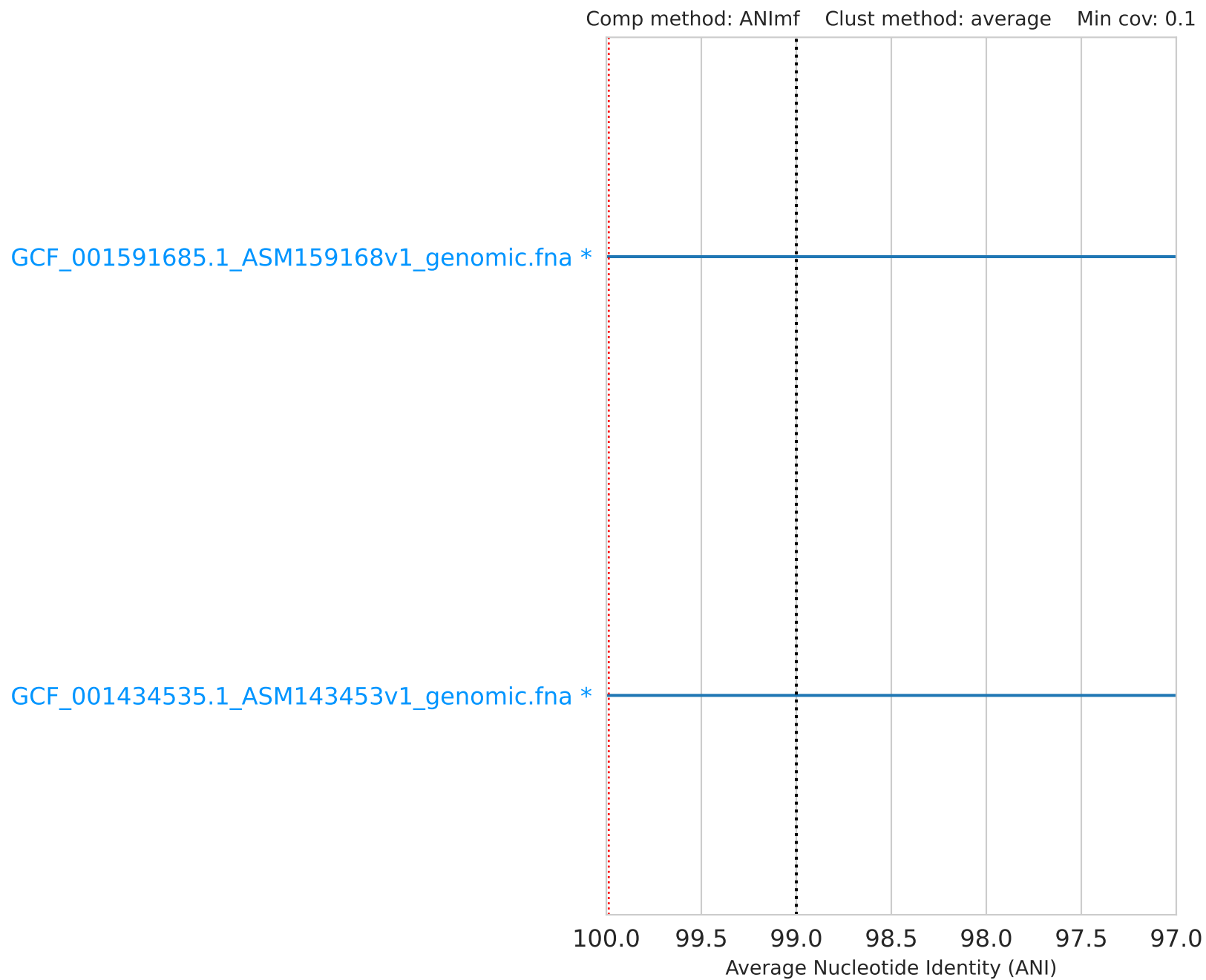
Primary cluster 136



Primary cluster 139

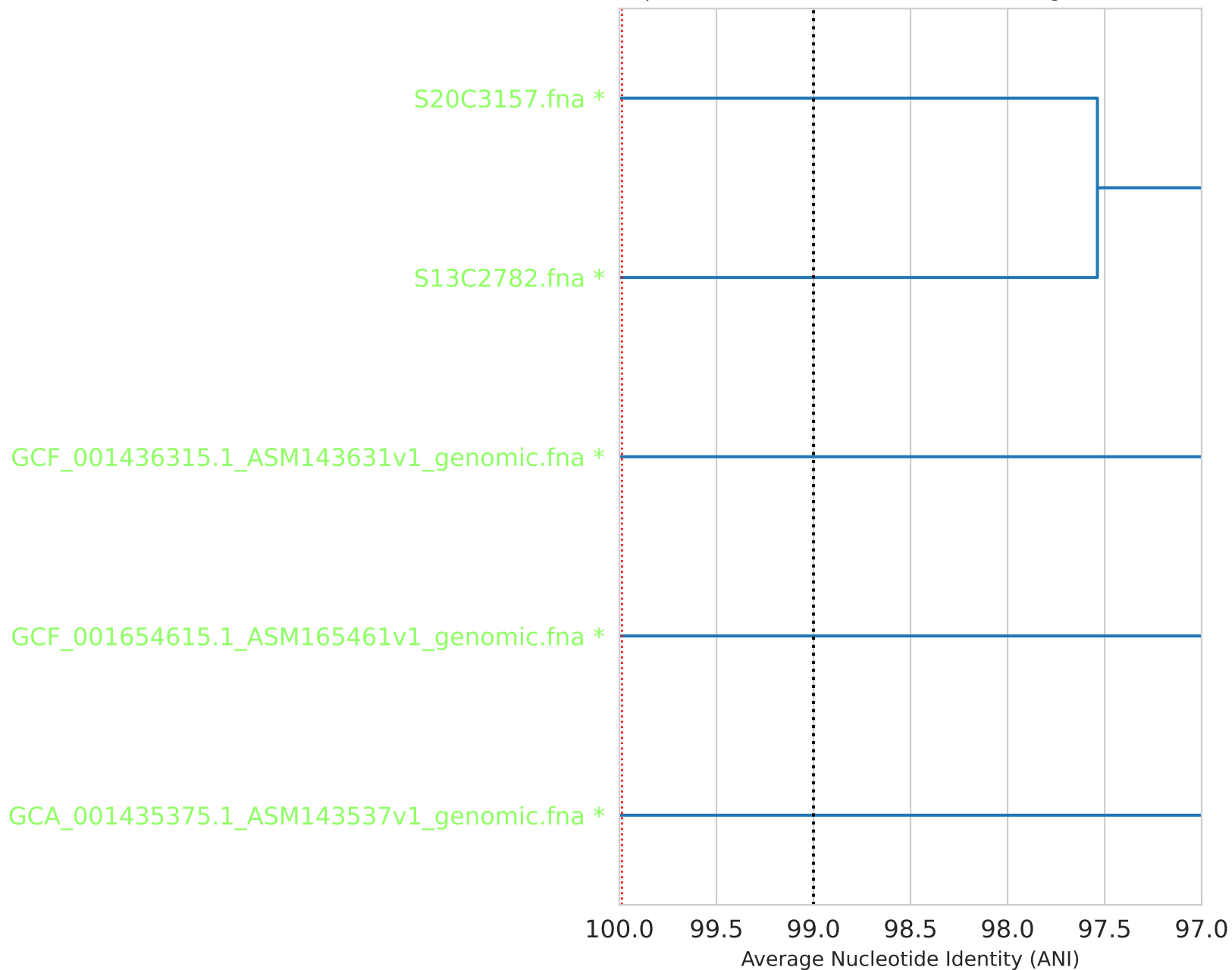


Primary cluster 142

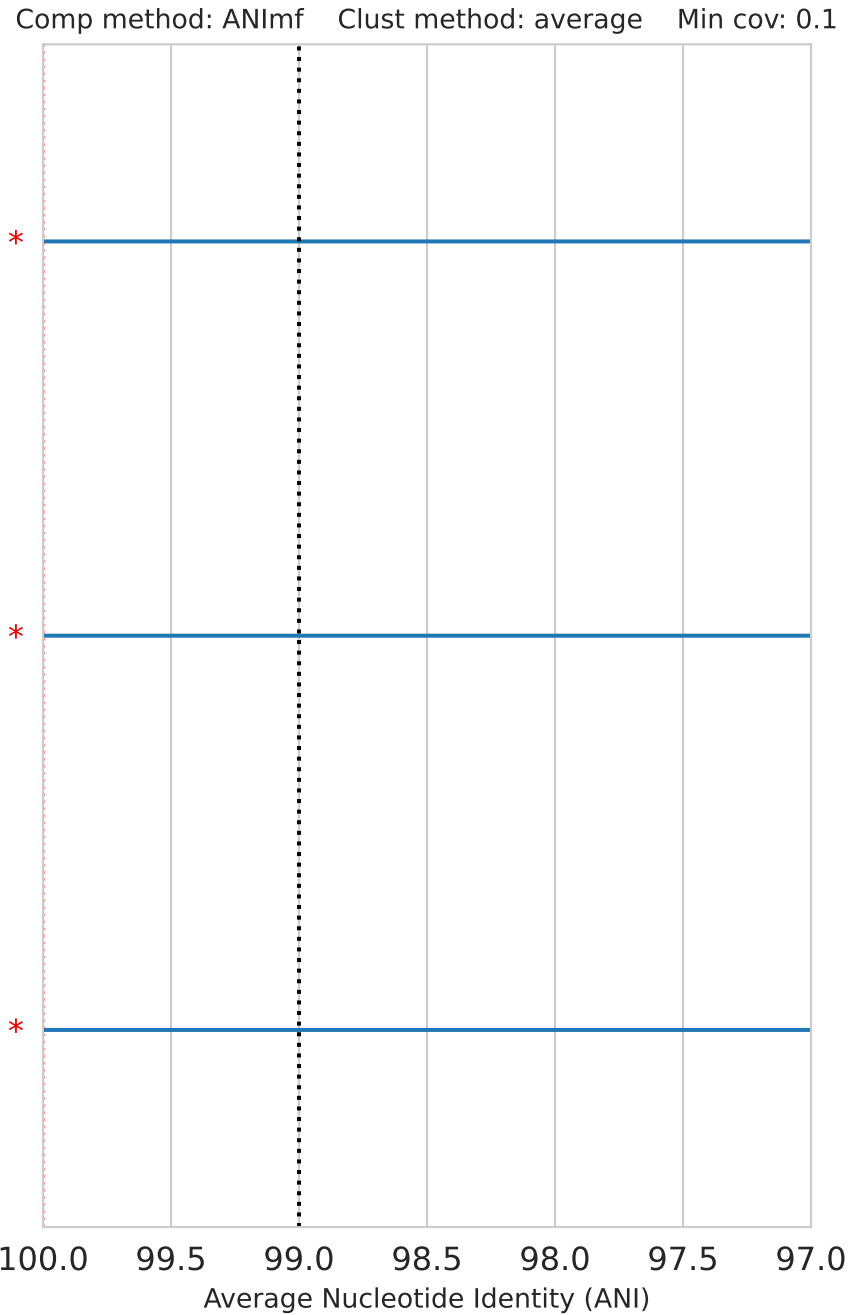


Primary cluster 145

Comp method: ANImf Clust method: average Min cov: 0.1



Primary cluster 147



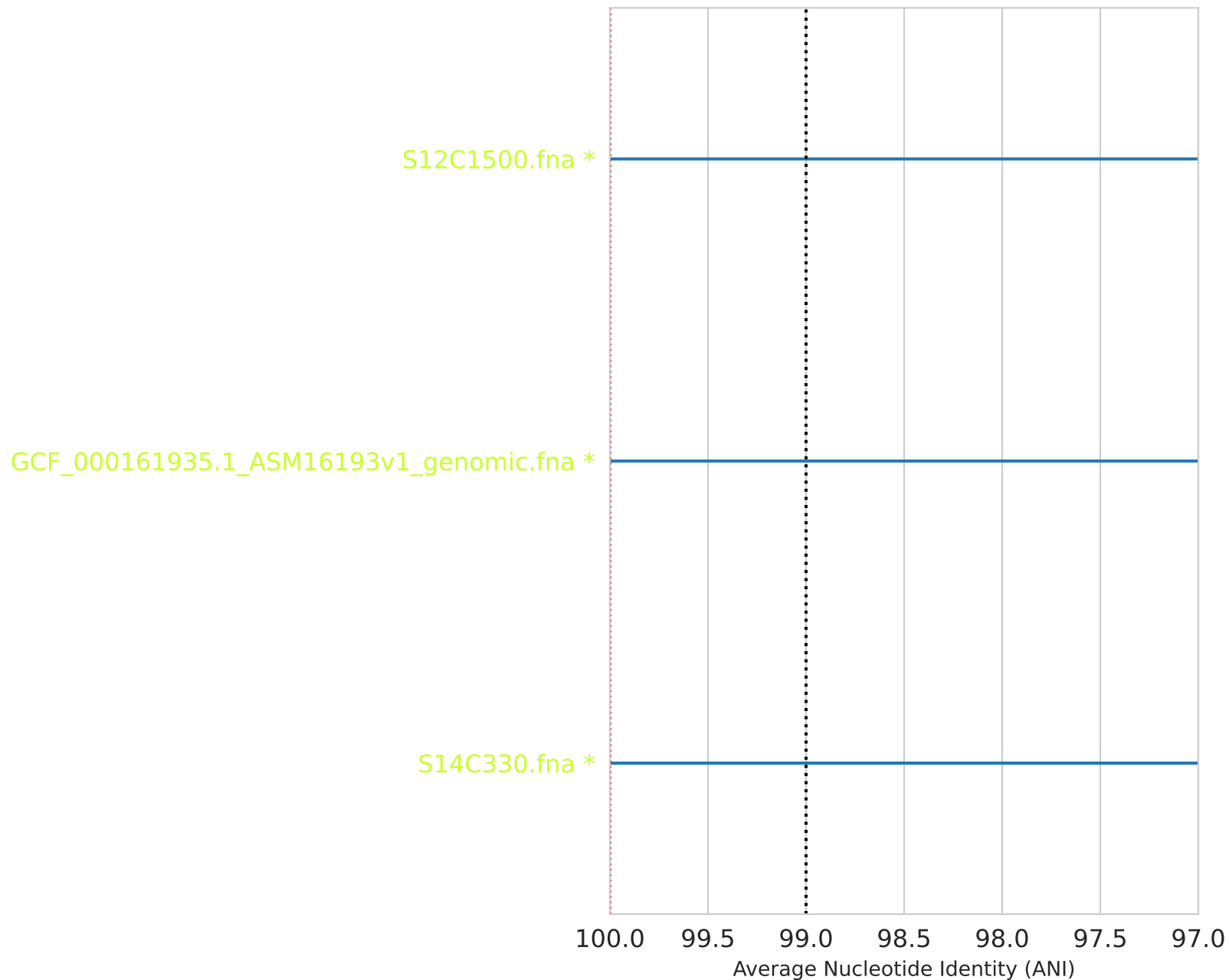
GCF_013394045.1_ASM1339404v1_genomic.fna *

GCF_009864005.1_ASM986400v1_genomic.fna *

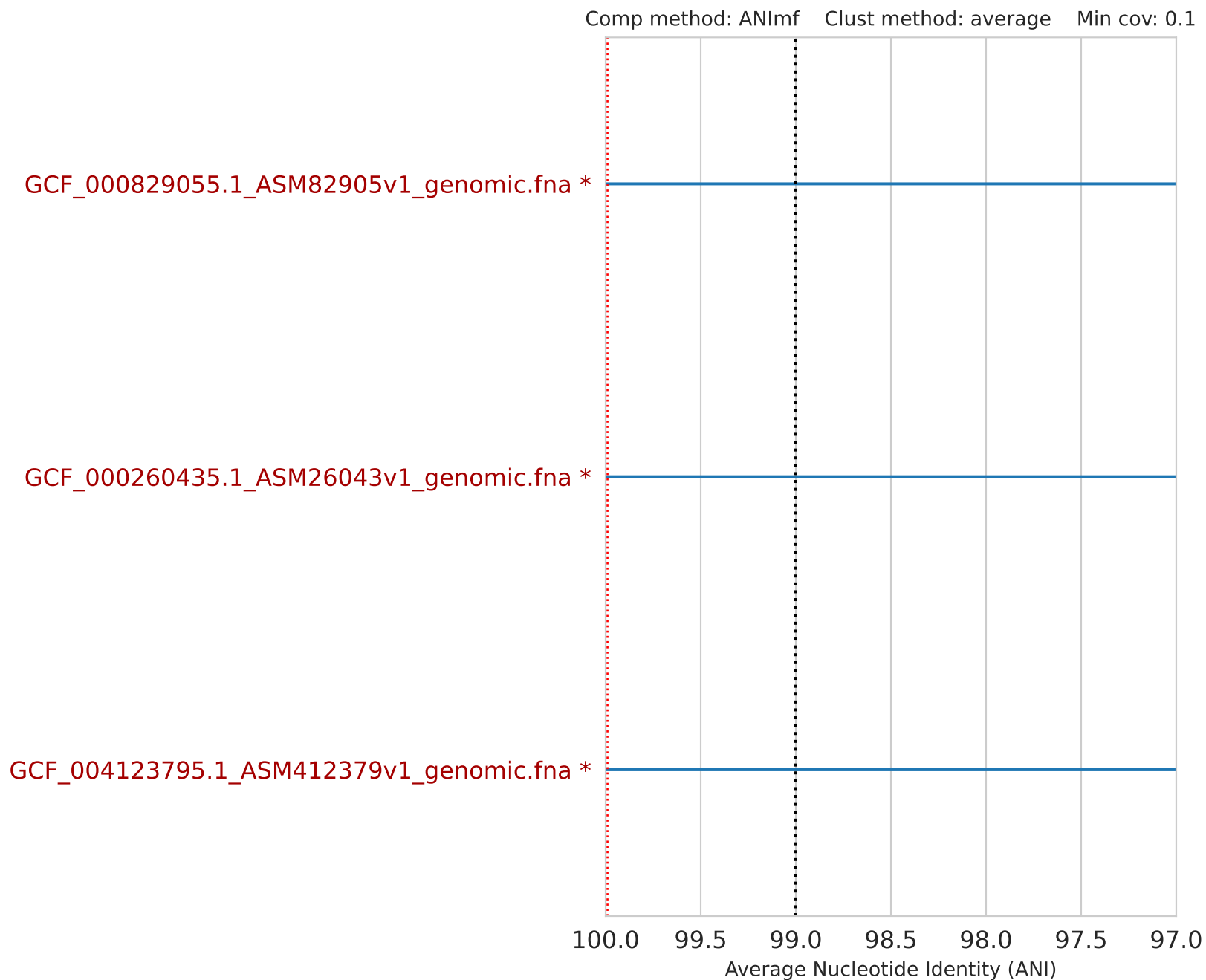
GCF_000428925.1_ASM42892v1_genomic.fna *

Primary cluster 149

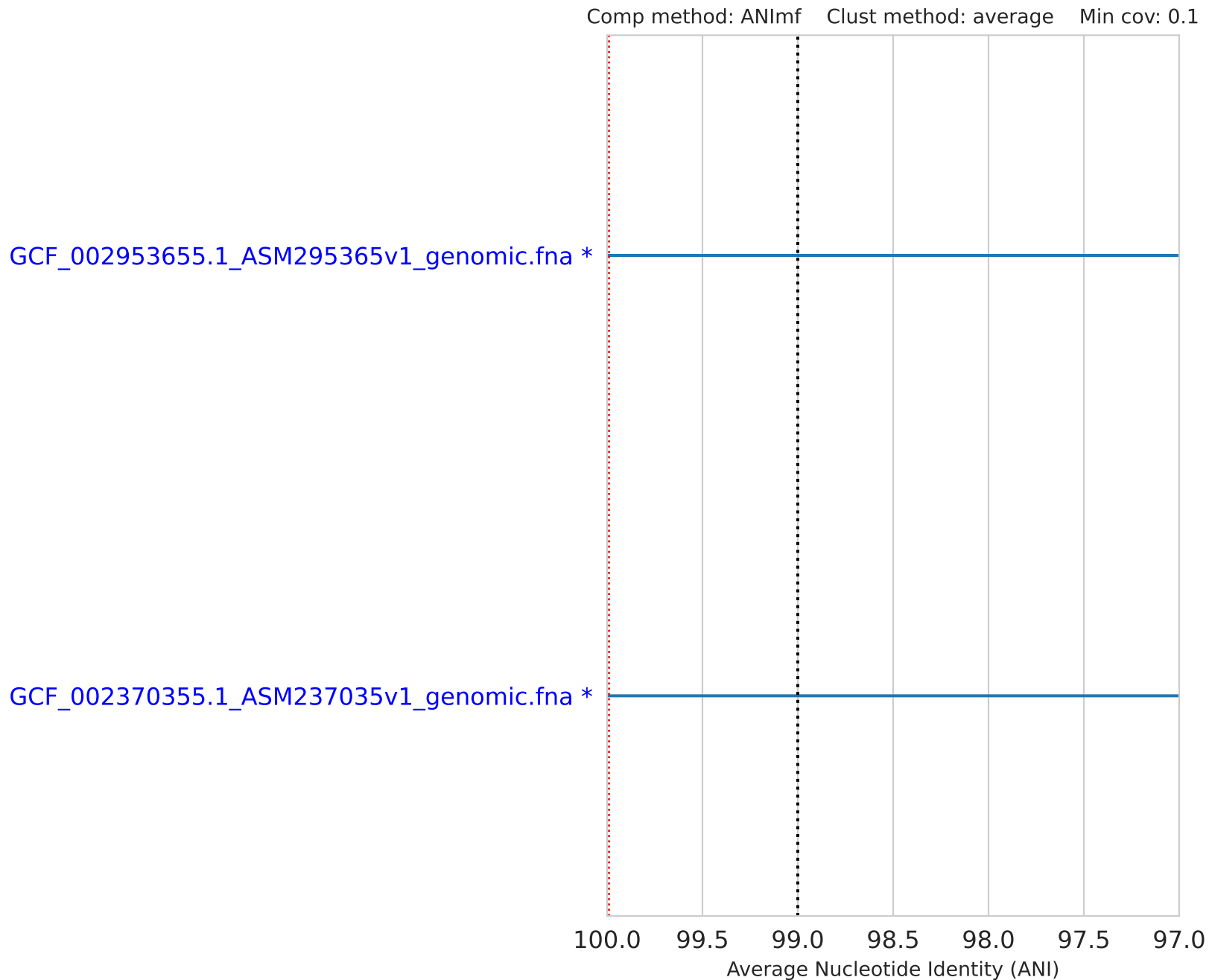
Comp method: ANImf Clust method: average Min cov: 0.1



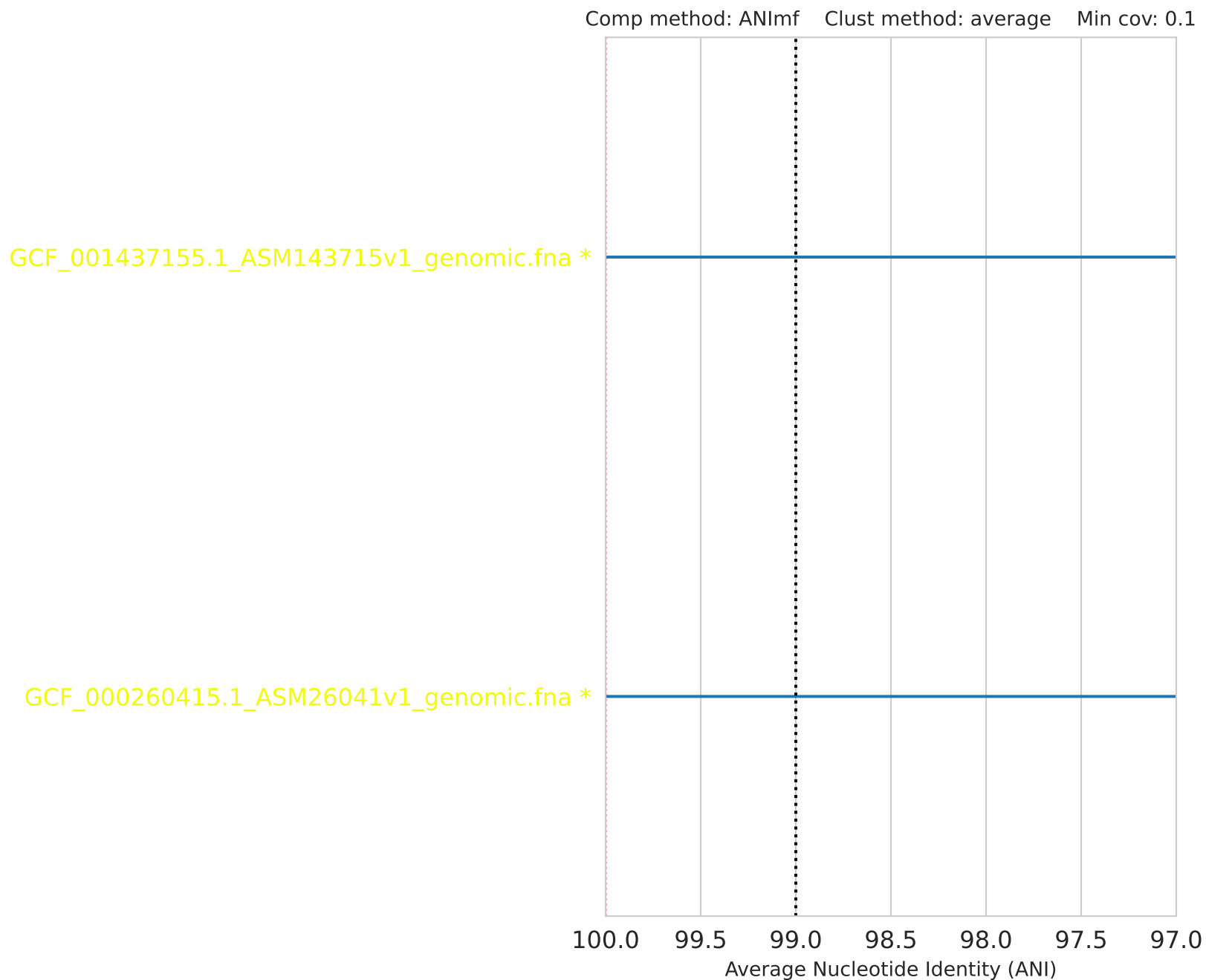
Primary cluster 156



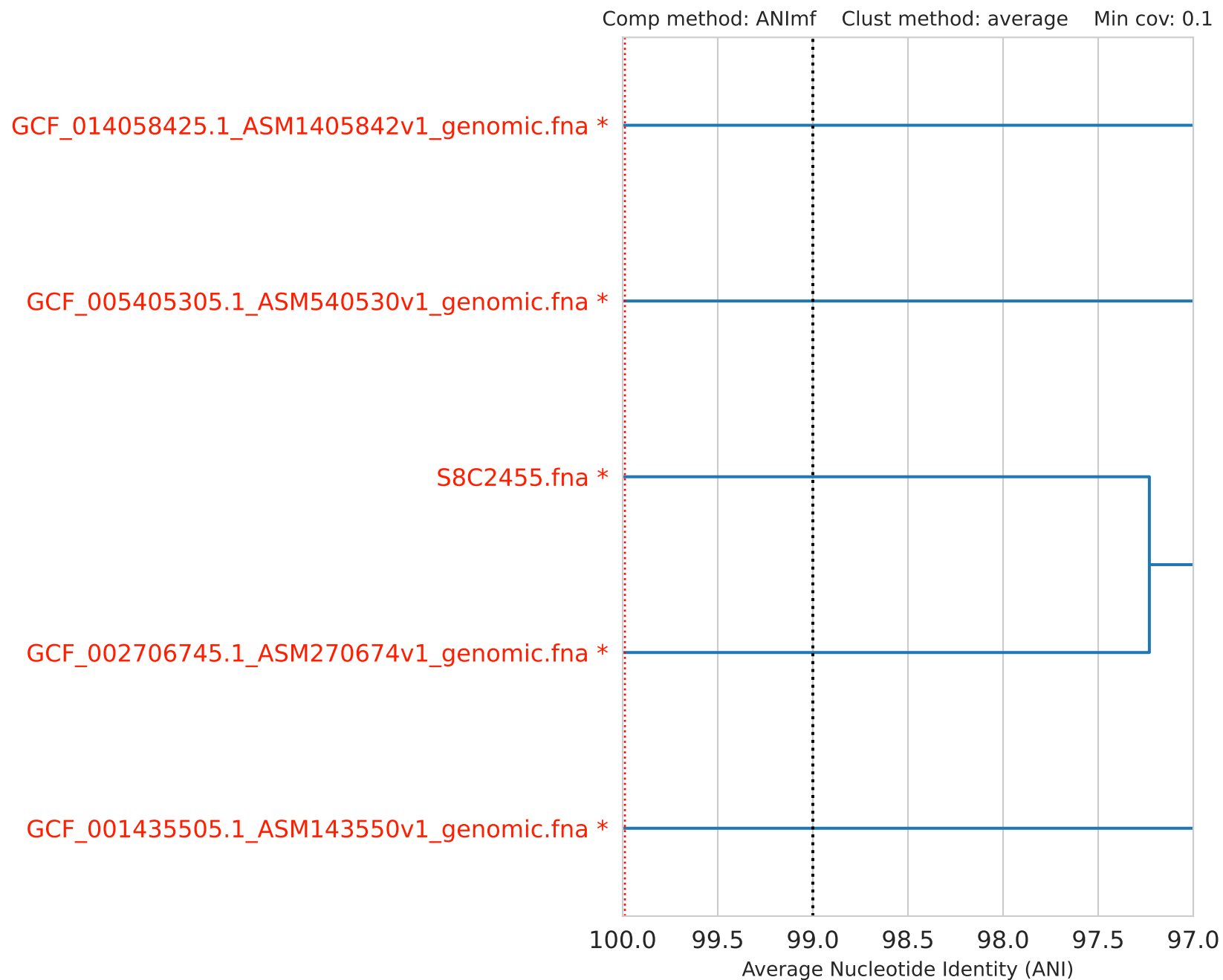
Primary cluster 159



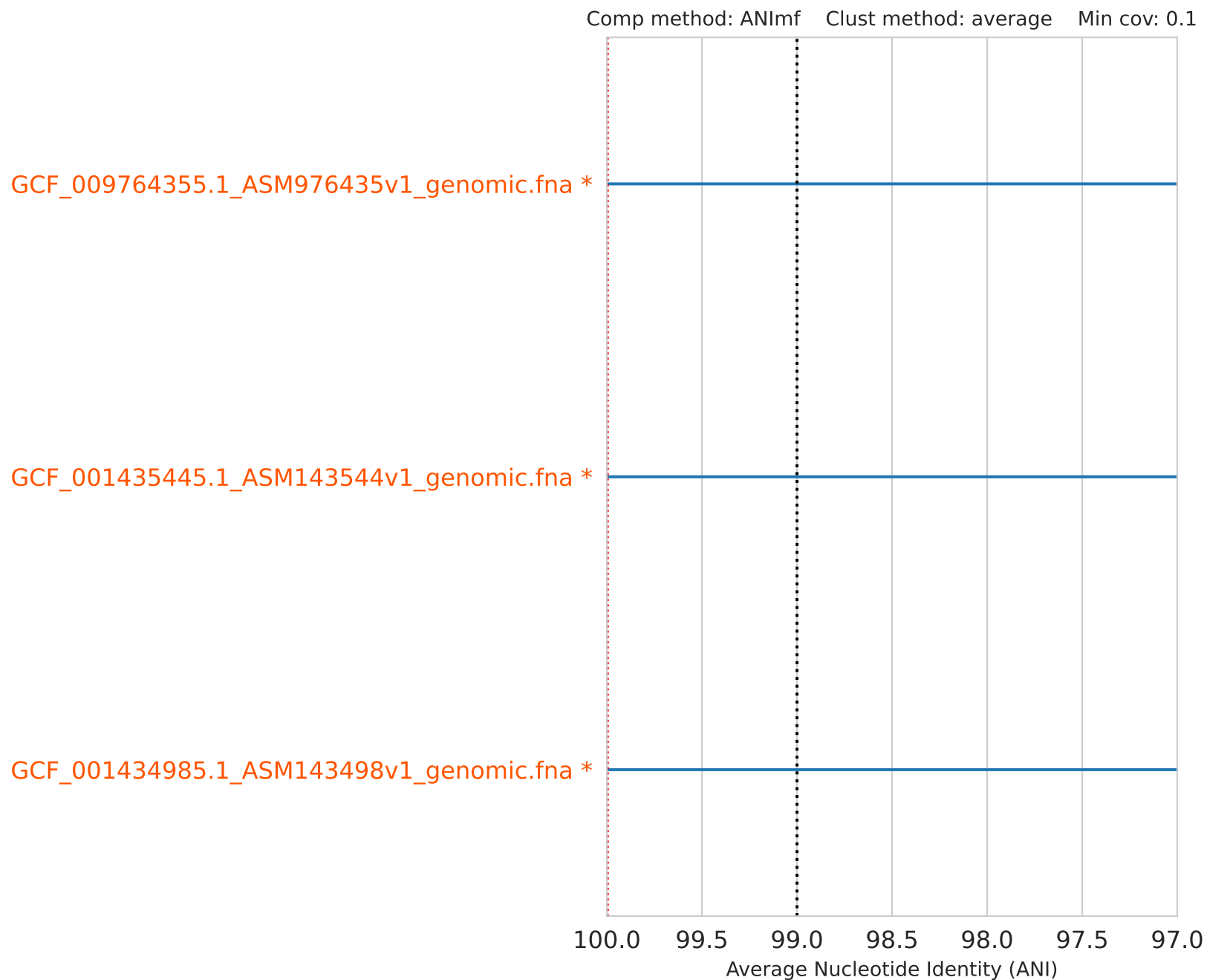
Primary cluster 164



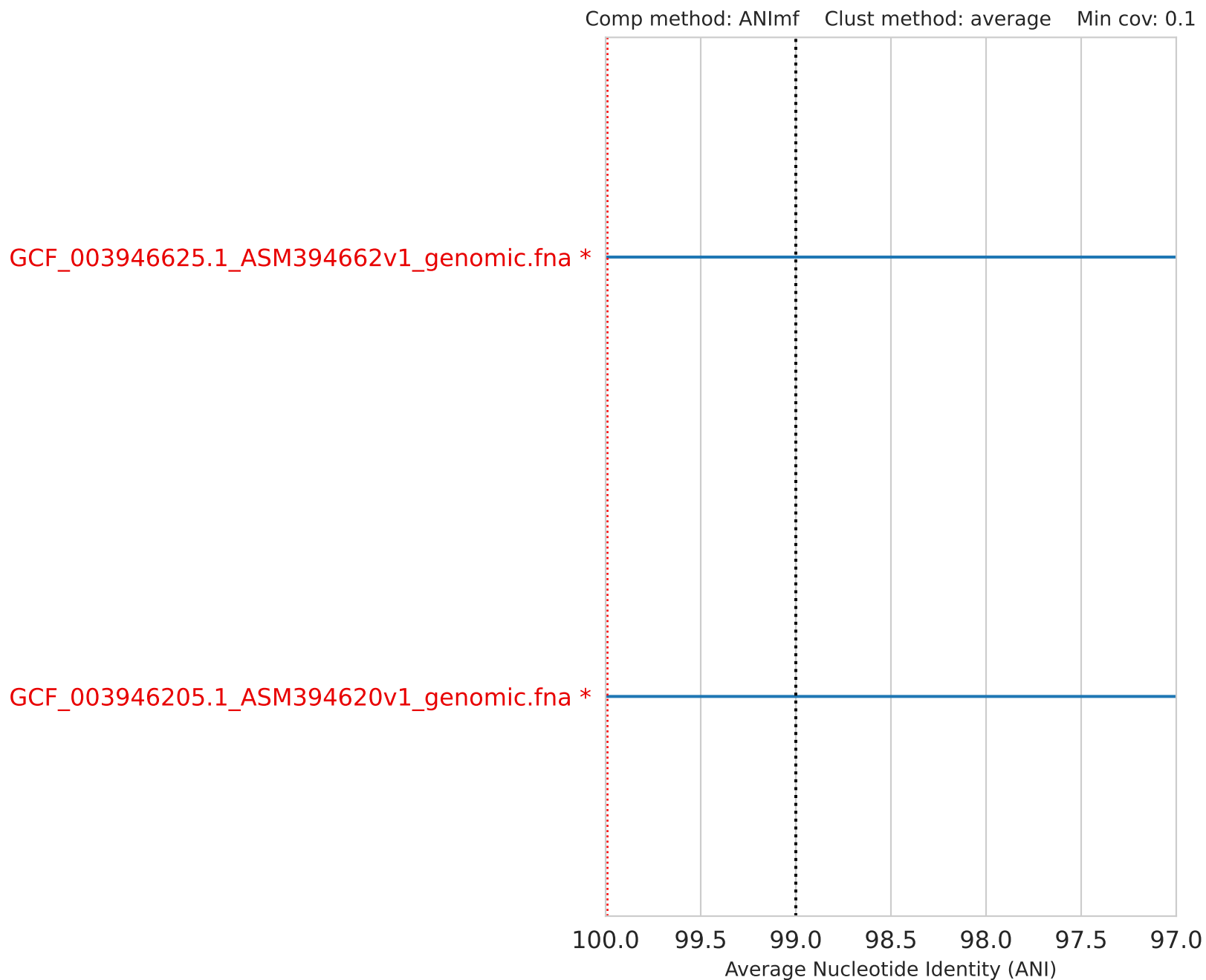
Primary cluster 179



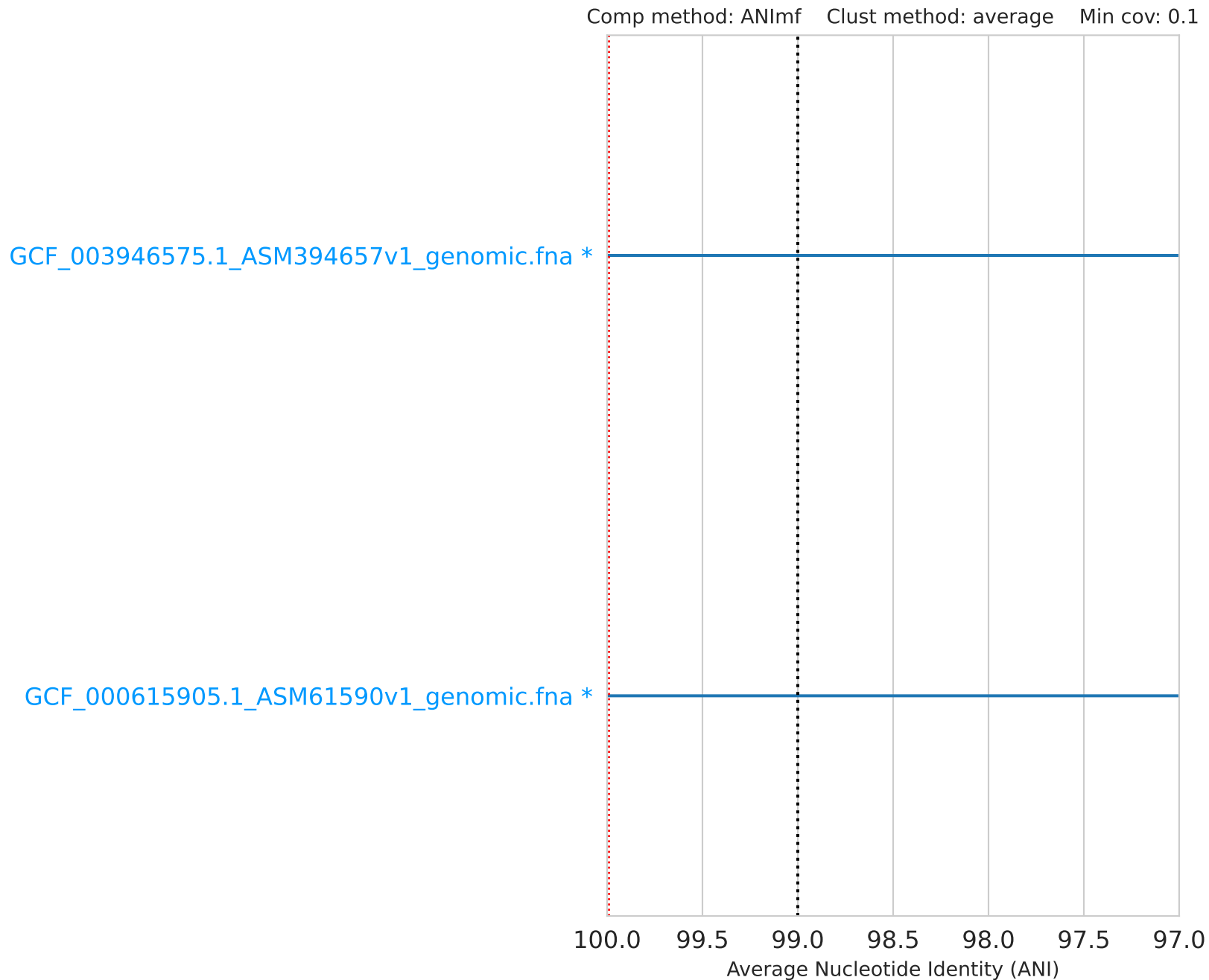
Primary cluster 183



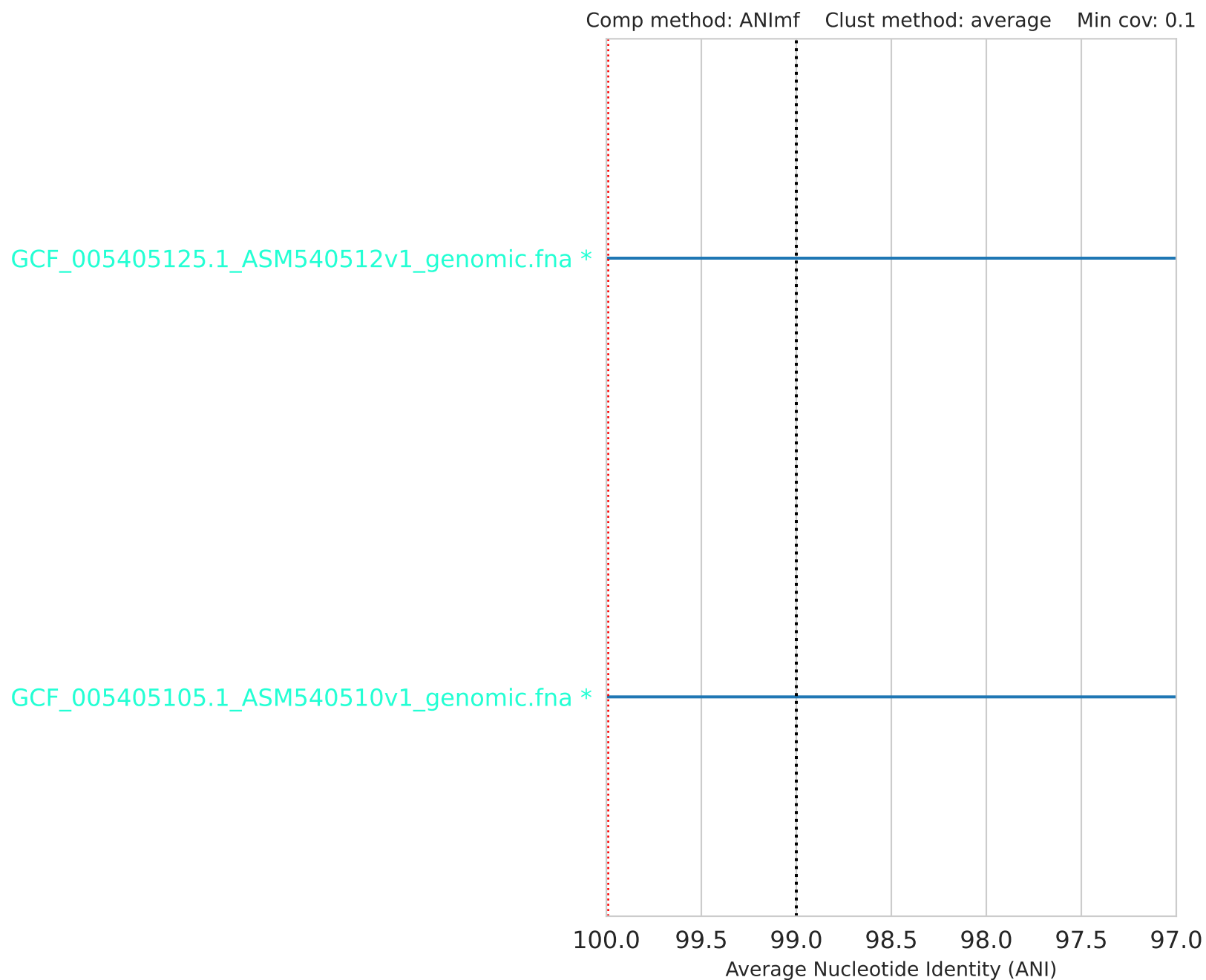
Primary cluster 198



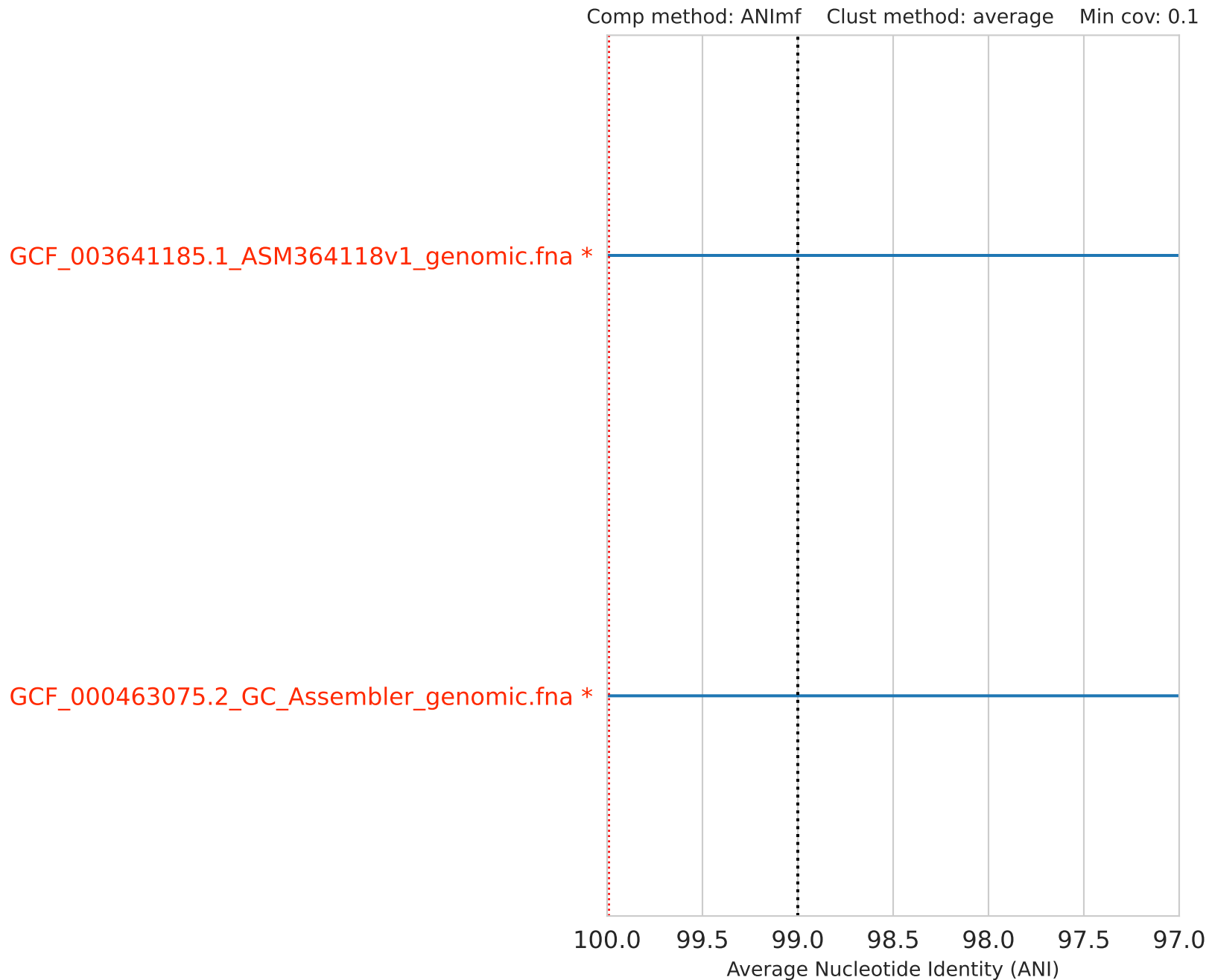
Primary cluster 201



Primary cluster 206



Primary cluster 210



Primary cluster 211

Comp method: ANImf

Clust method: average

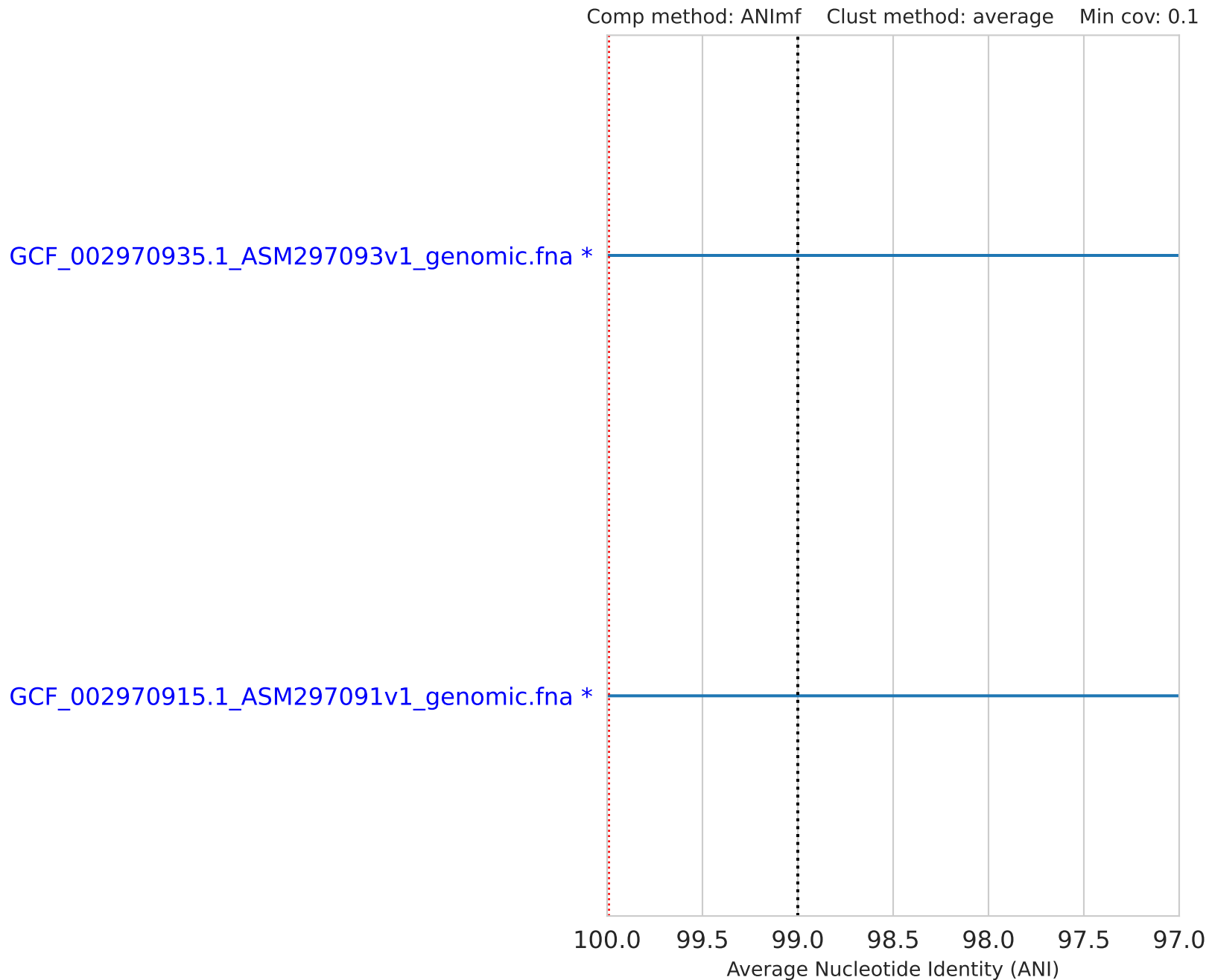
Min cov: 0.1

GCF_014131735.1_ASM1413173v1_genomic.fna *

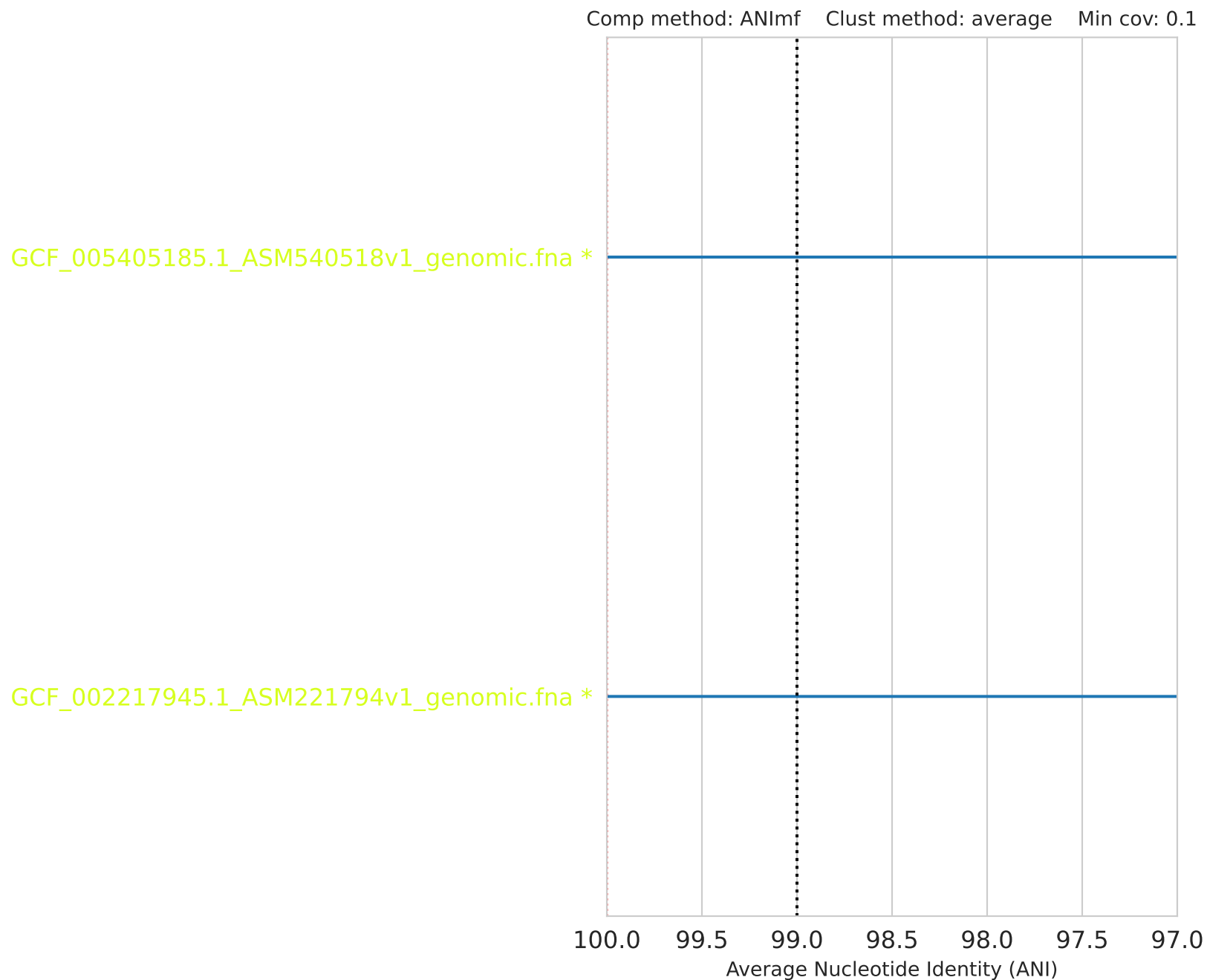
GCF_003641145.1_ASM364114v1_genomic.fna *

100.0 99.5 99.0 98.5 98.0 97.5 97.0
Average Nucleotide Identity (ANI)

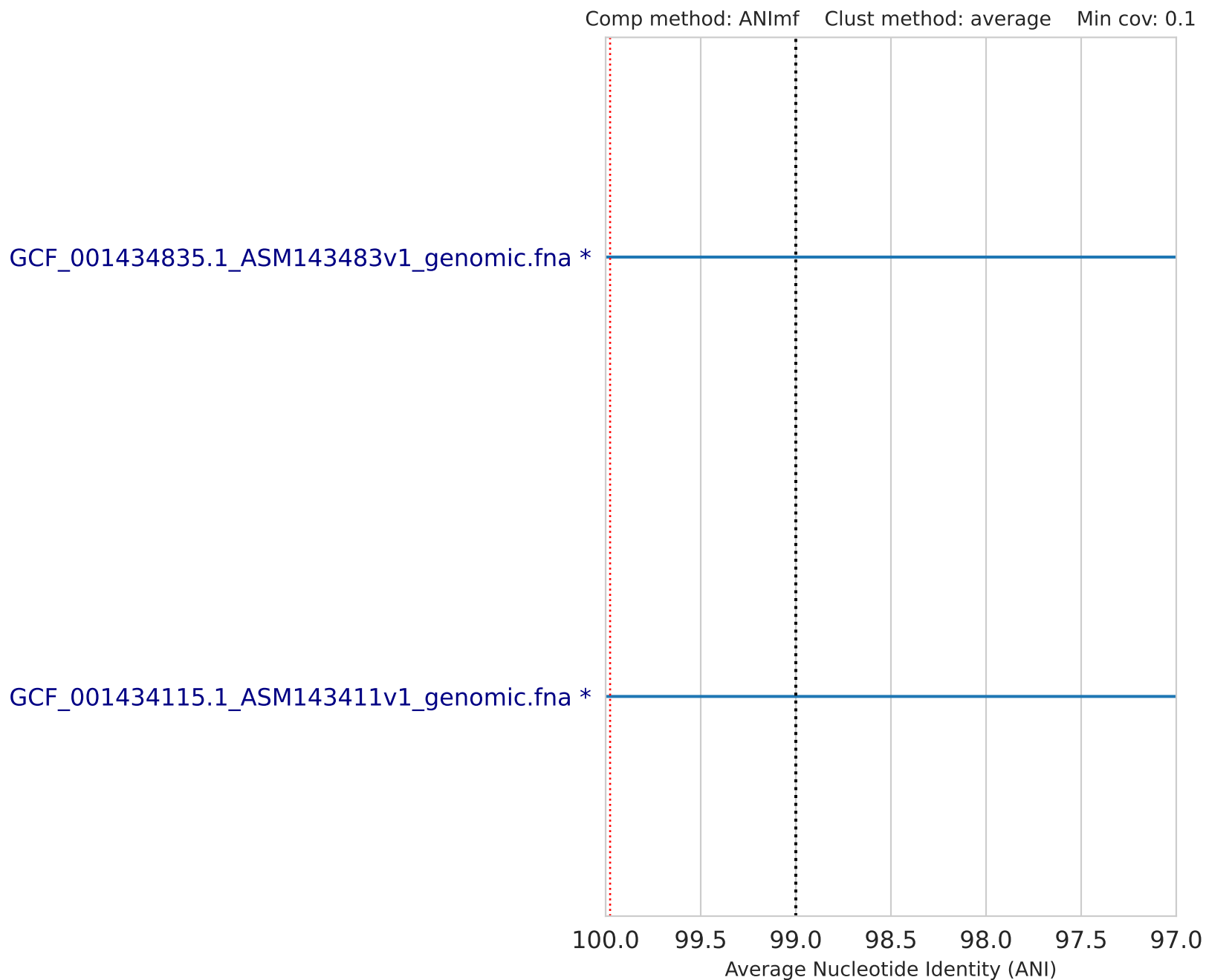
Primary cluster 216



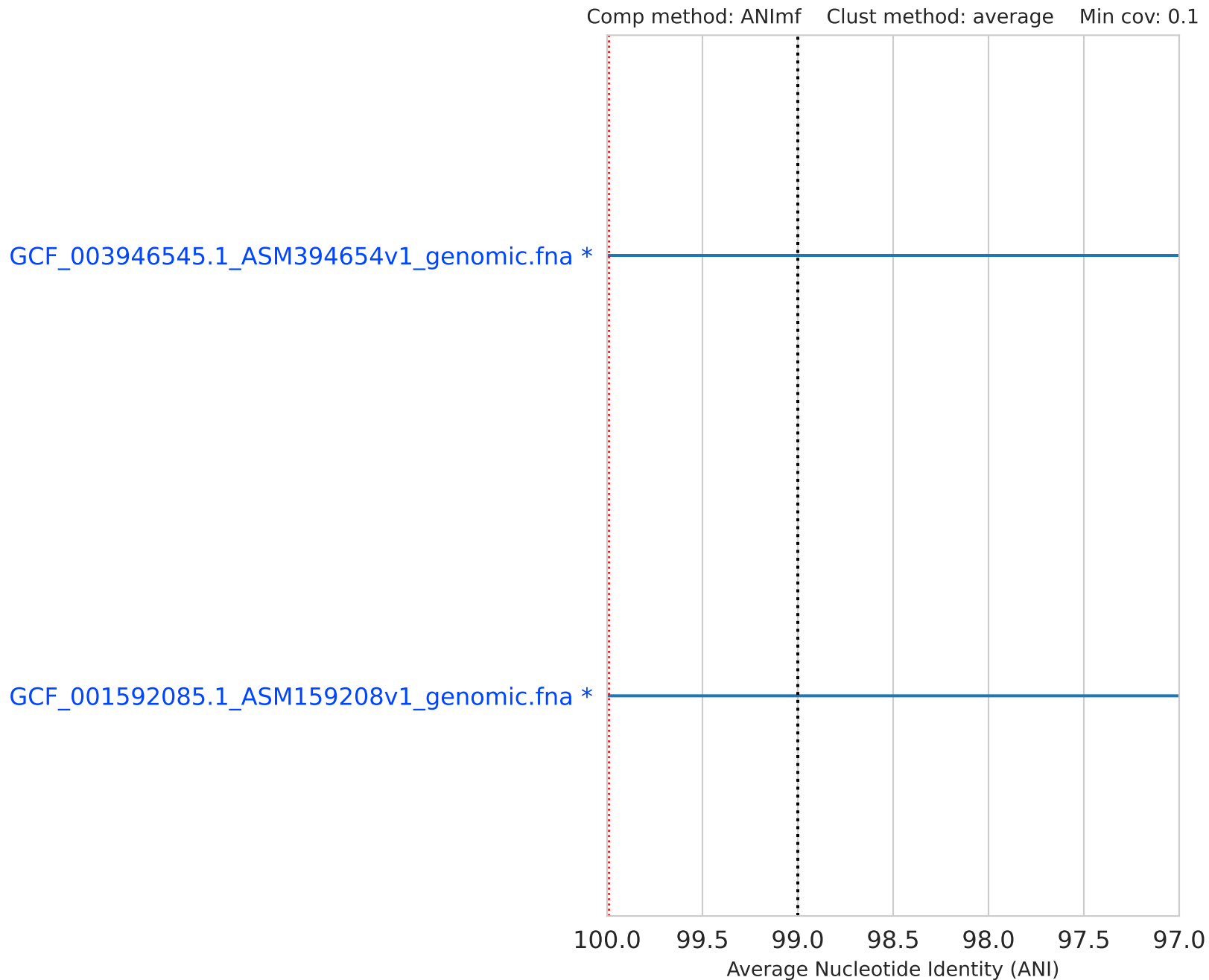
Primary cluster 237



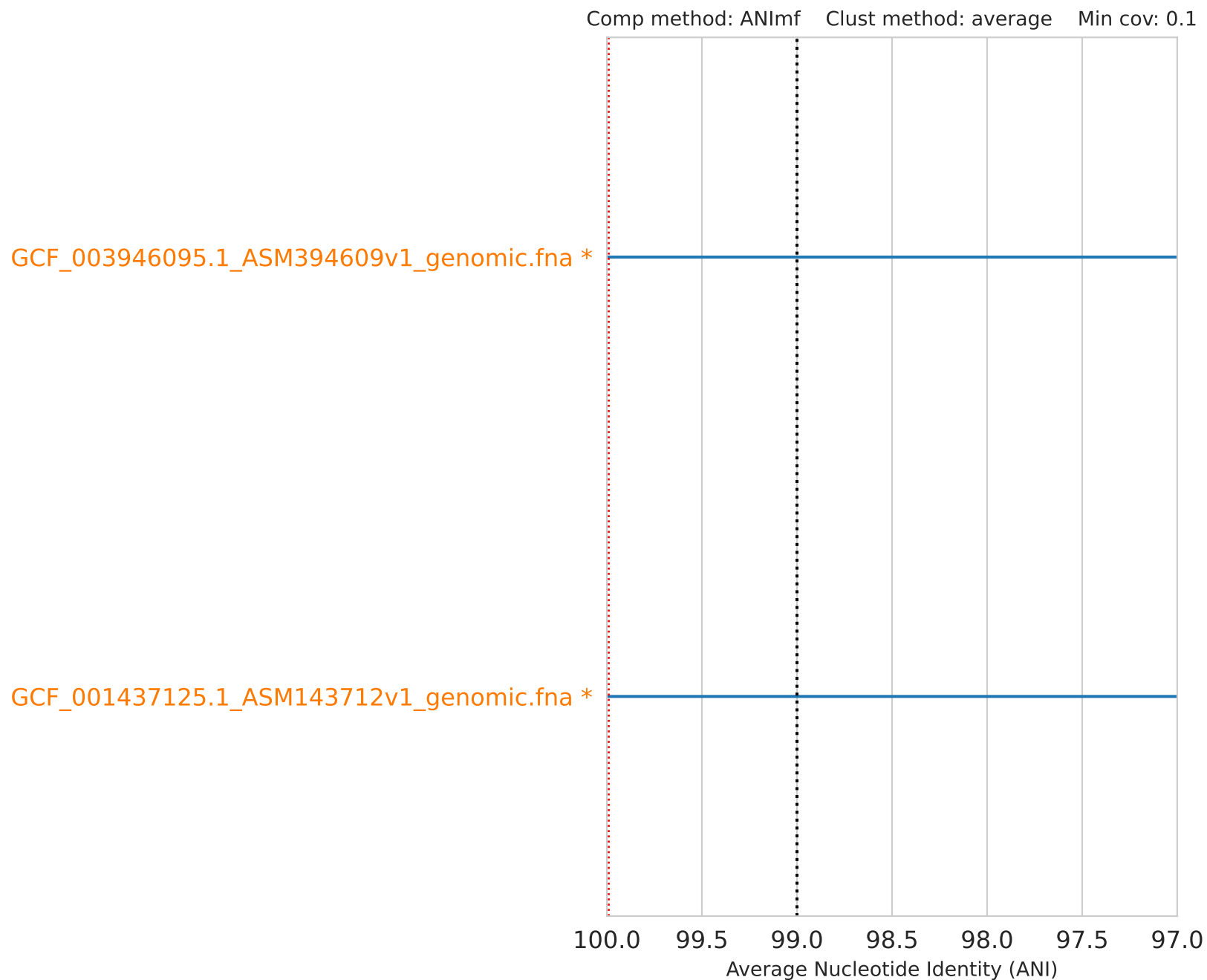
Primary cluster 245



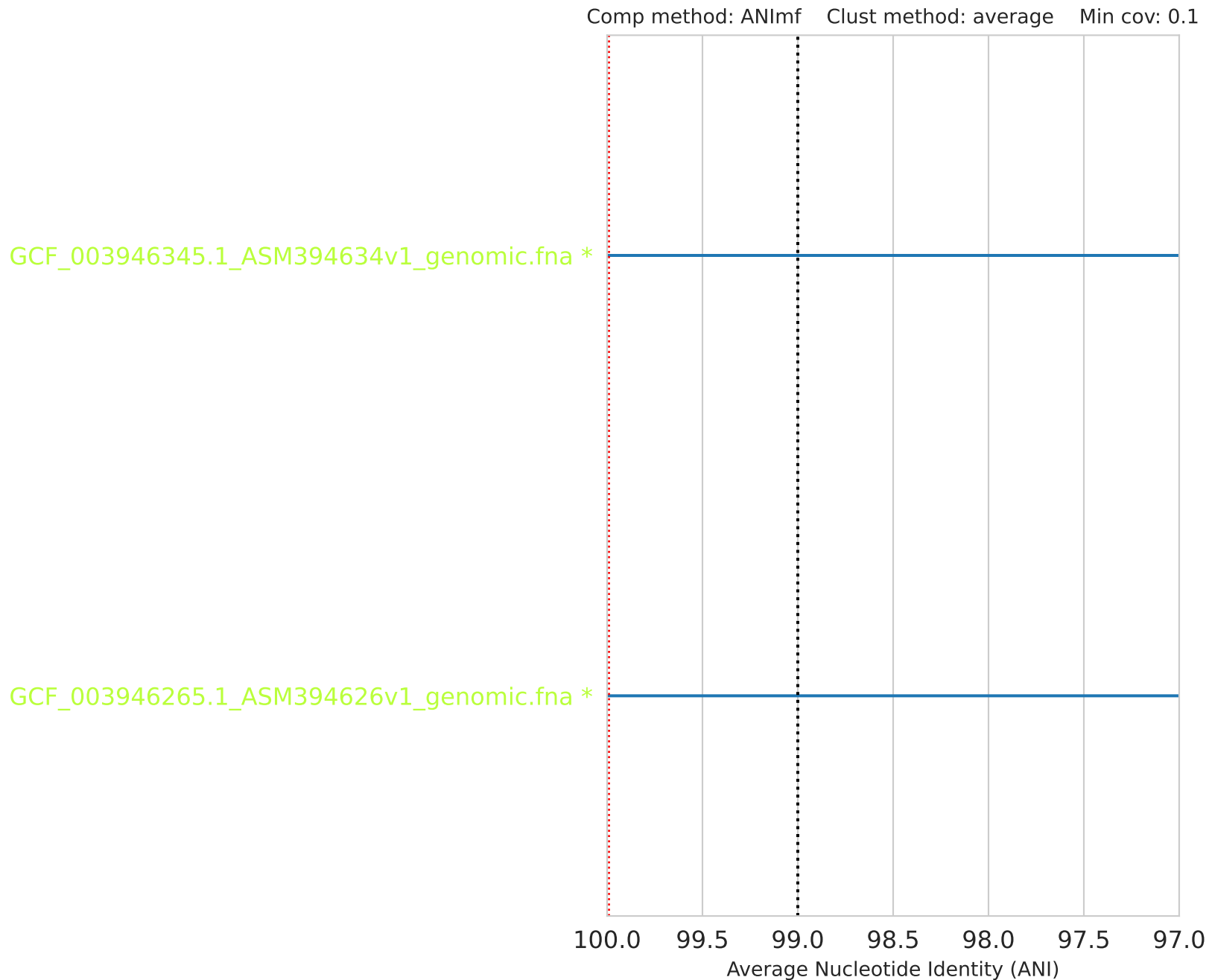
Primary cluster 249



Primary cluster 250



Primary cluster 252



Primary cluster 253

Comp method: ANImf

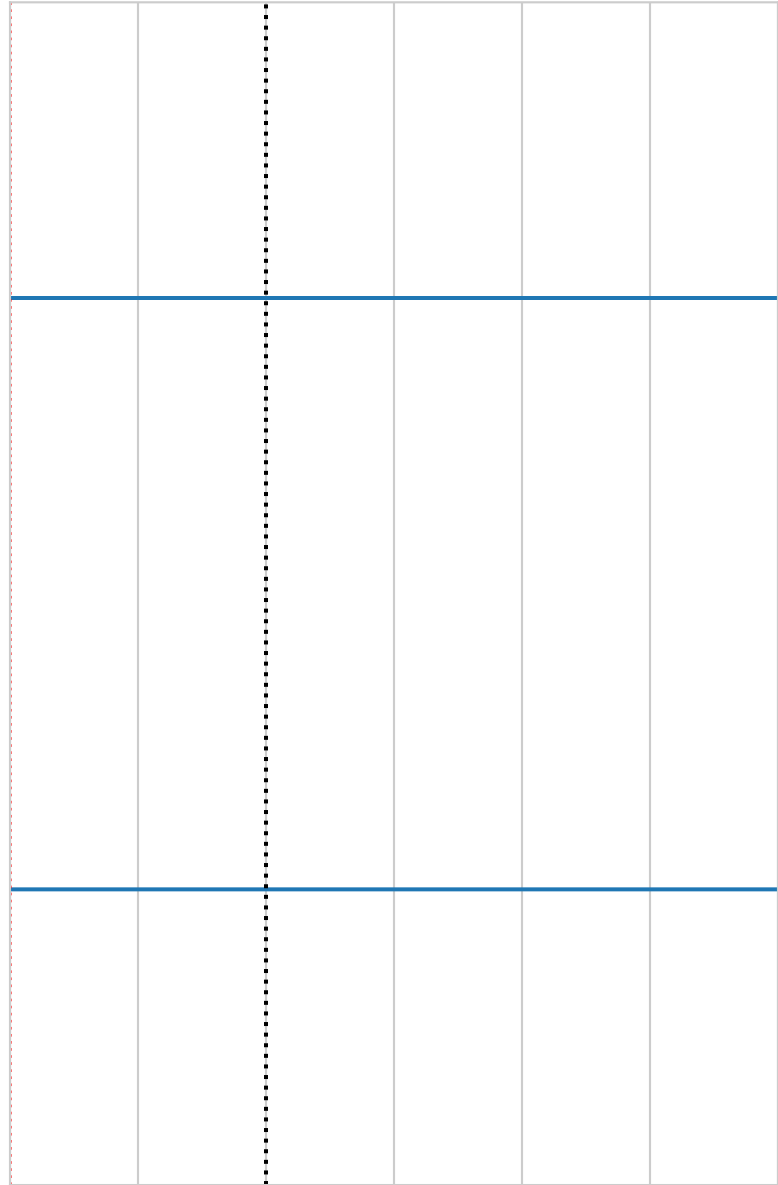
Clust method: average

Min cov: 0.1

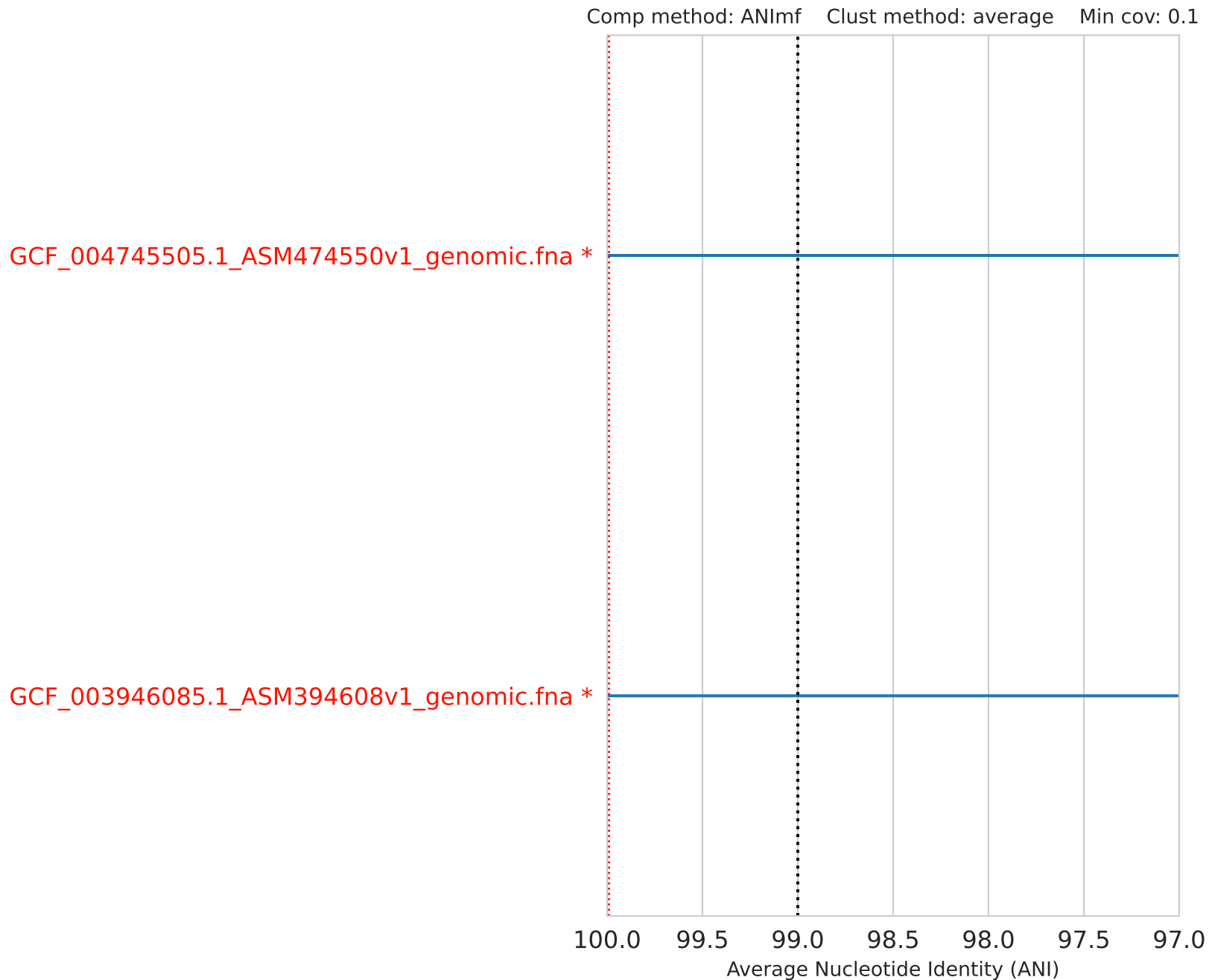
GCF_003946395.1_ASM394639v1_genomic.fna *

GCF_001434055.1_ASM143405v1_genomic.fna *

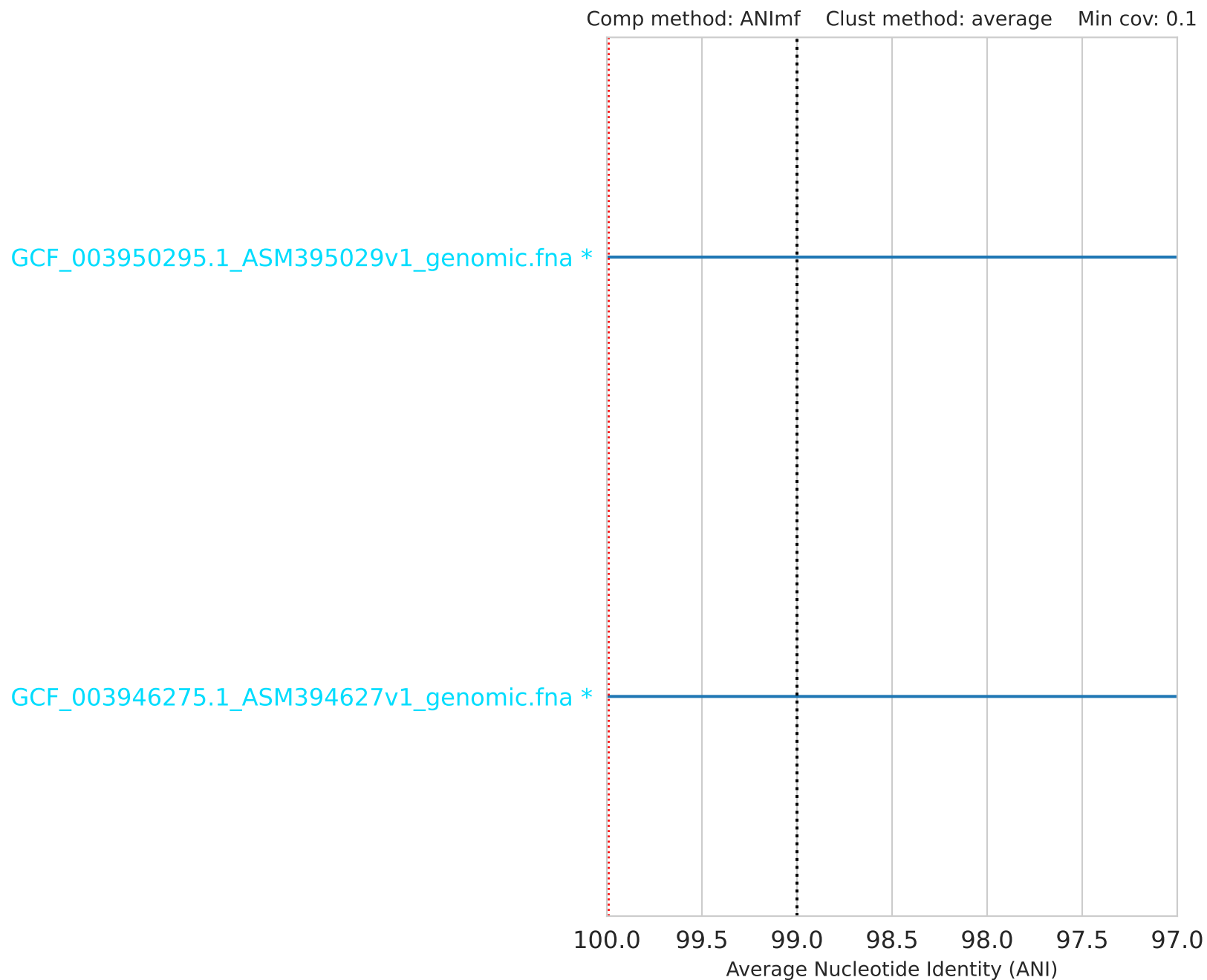
100.0 99.5 99.0 98.5 98.0 97.5 97.0
Average Nucleotide Identity (ANI)



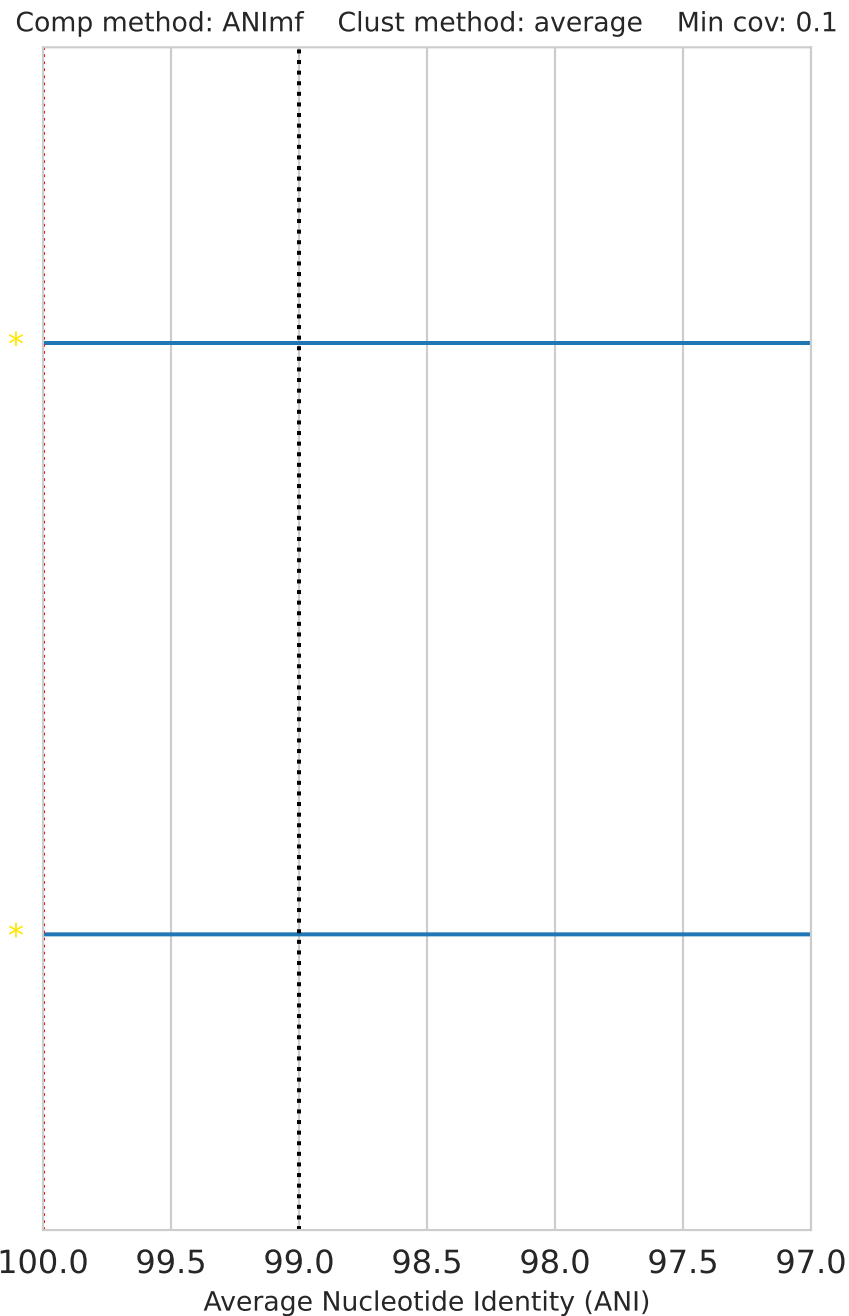
Primary cluster 260



Primary cluster 281



Primary cluster 305



GCF_000146325.1_ASM14632v1_genomic.fna *

GCA_009809575.1_ASM980957v1_genomic.fna *