

# Primary cluster 1

Comp method: fastANI

Clust method: average

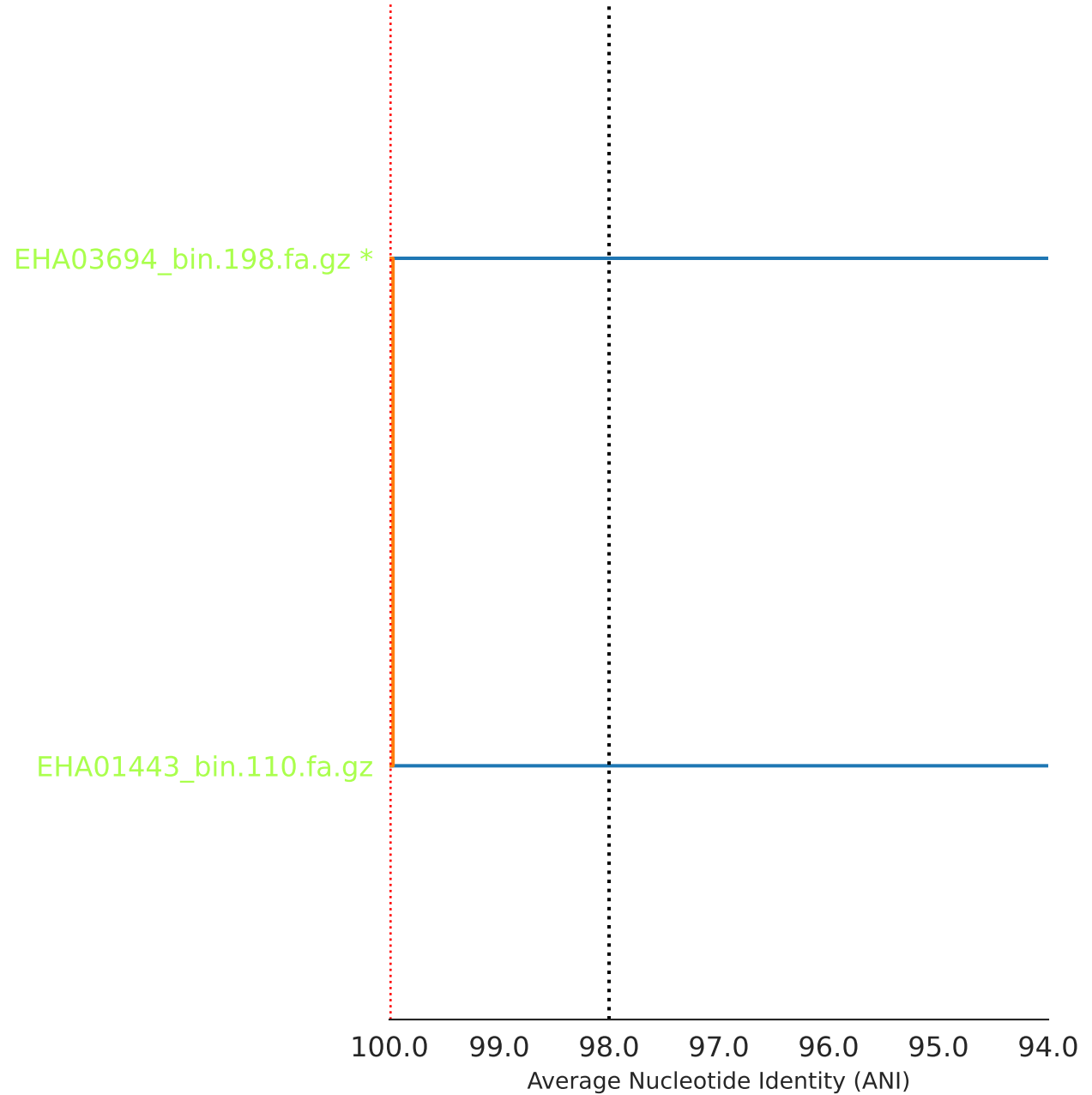
Min cov: 0.1

EHA03694\_bin.198.fa.gz \*

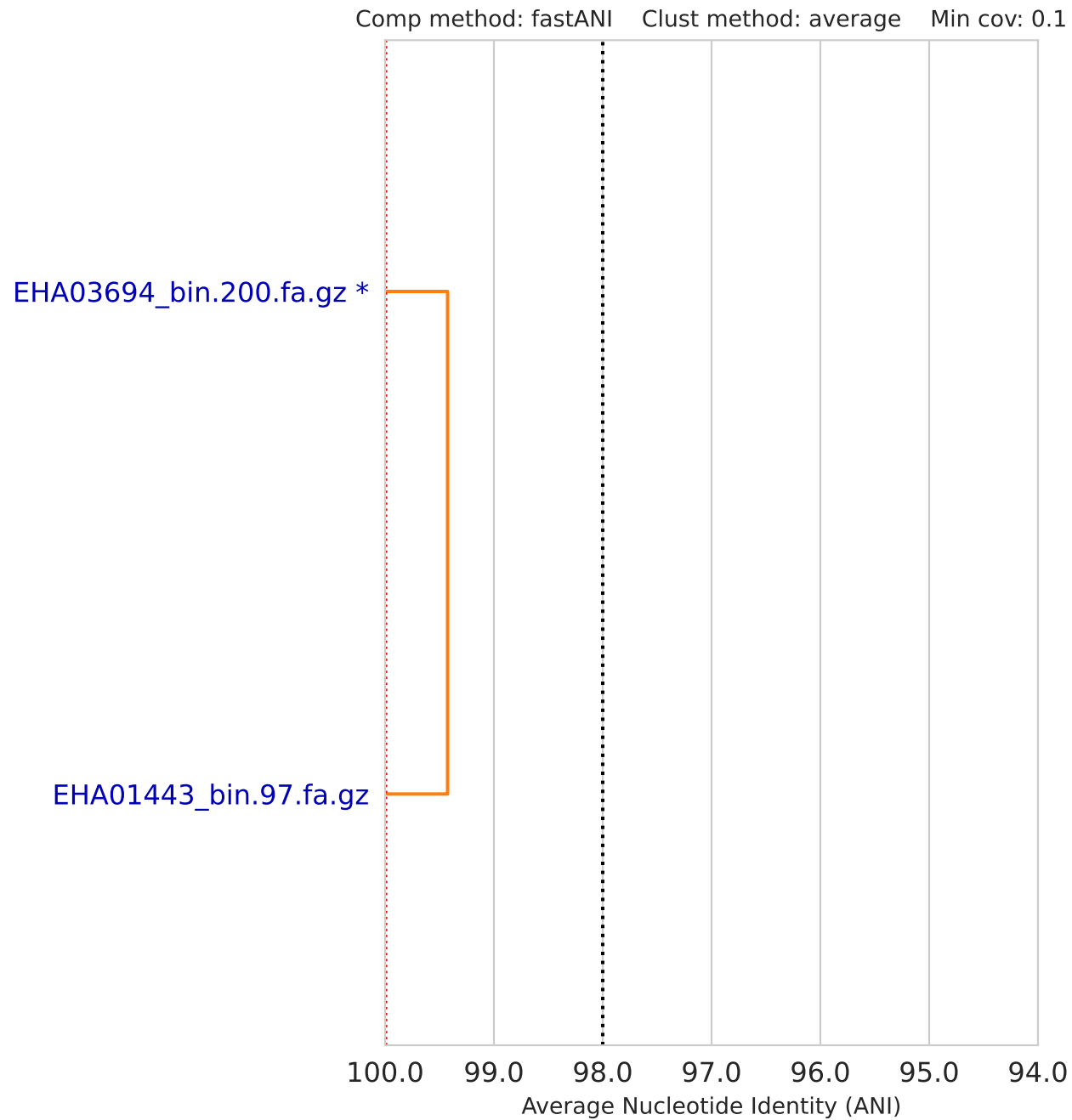
EHA01443\_bin.110.fa.gz

100.0 99.0 98.0 97.0 96.0 95.0 94.0

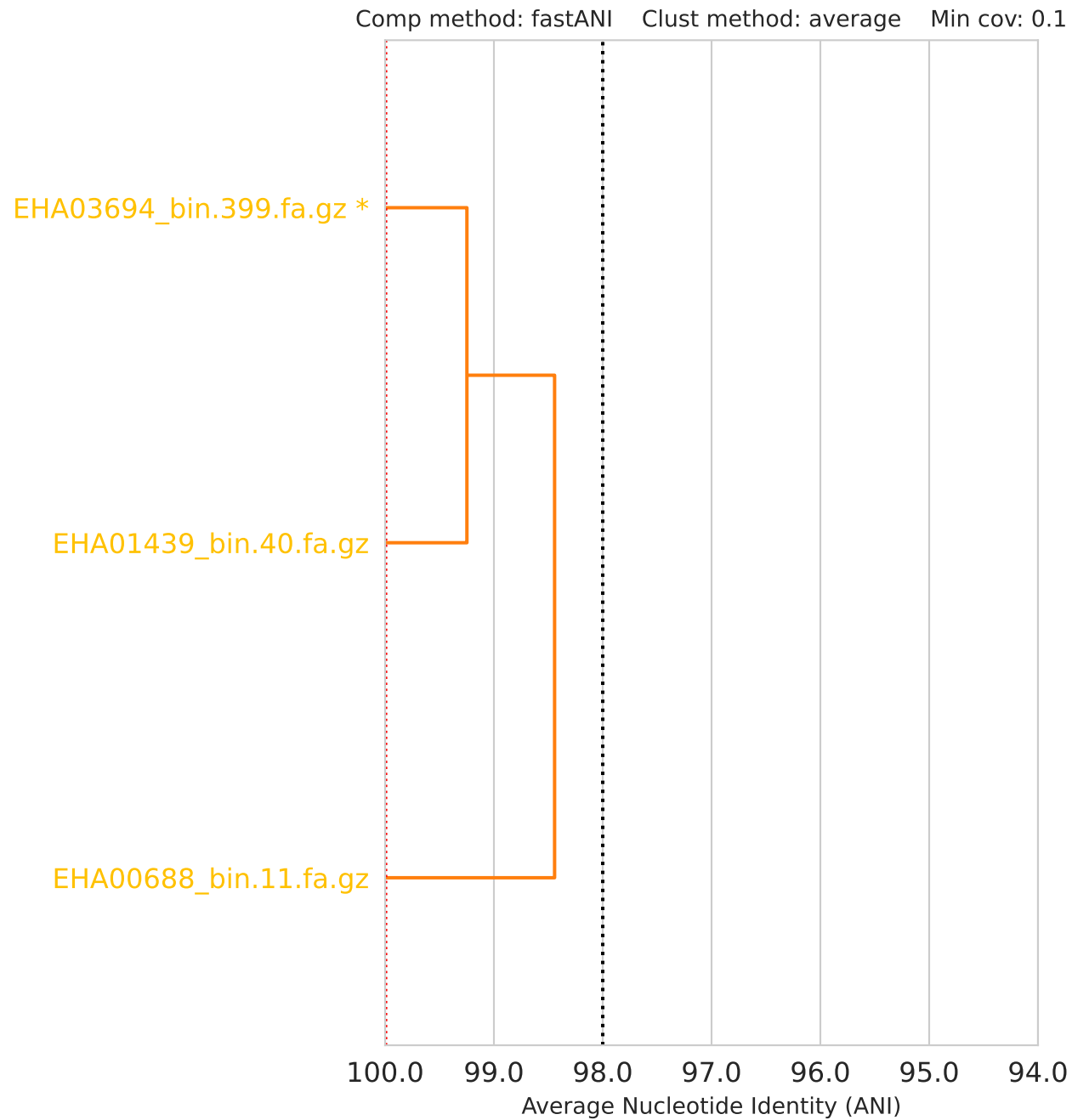
Average Nucleotide Identity (ANI)



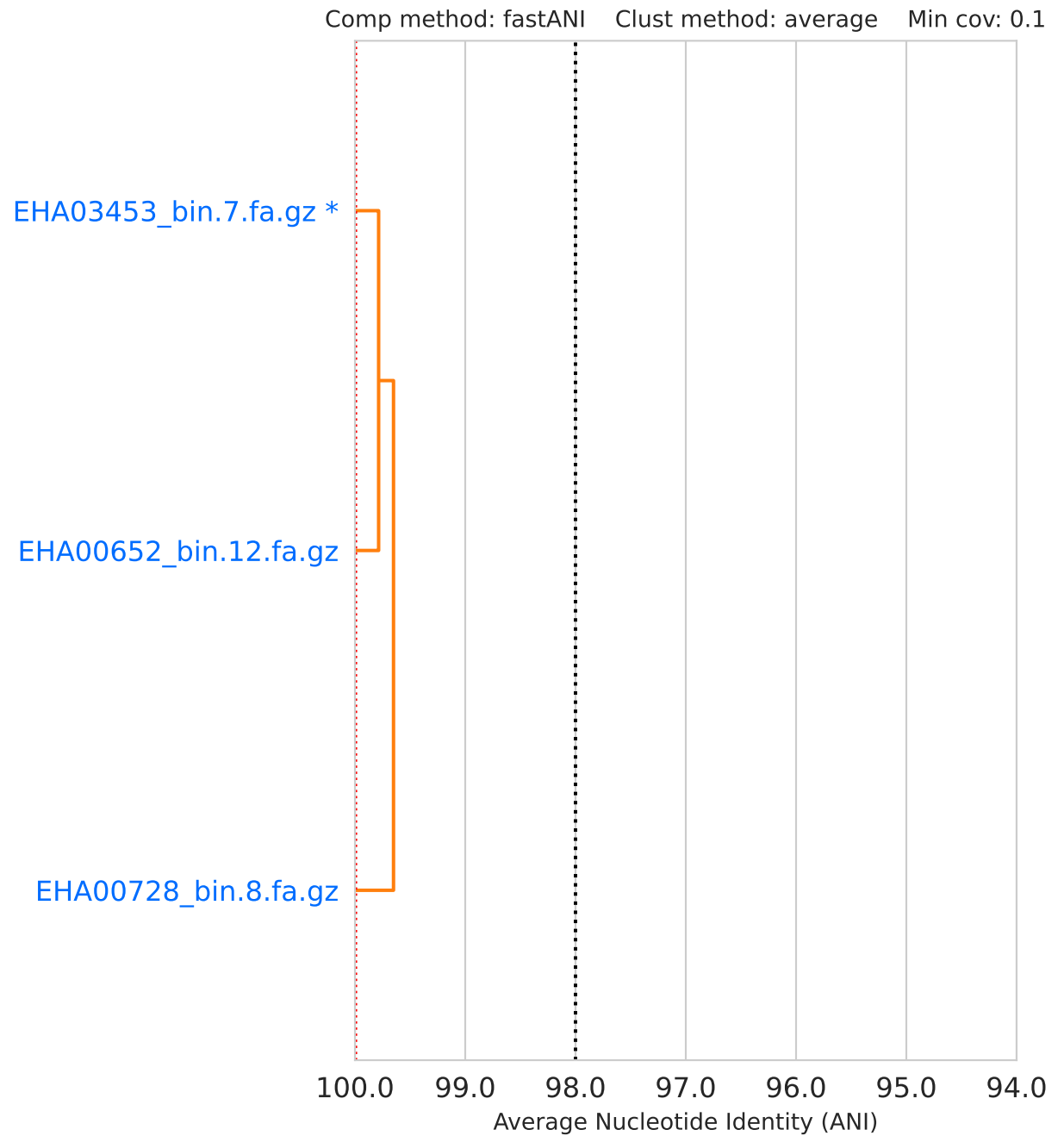
# Primary cluster 2



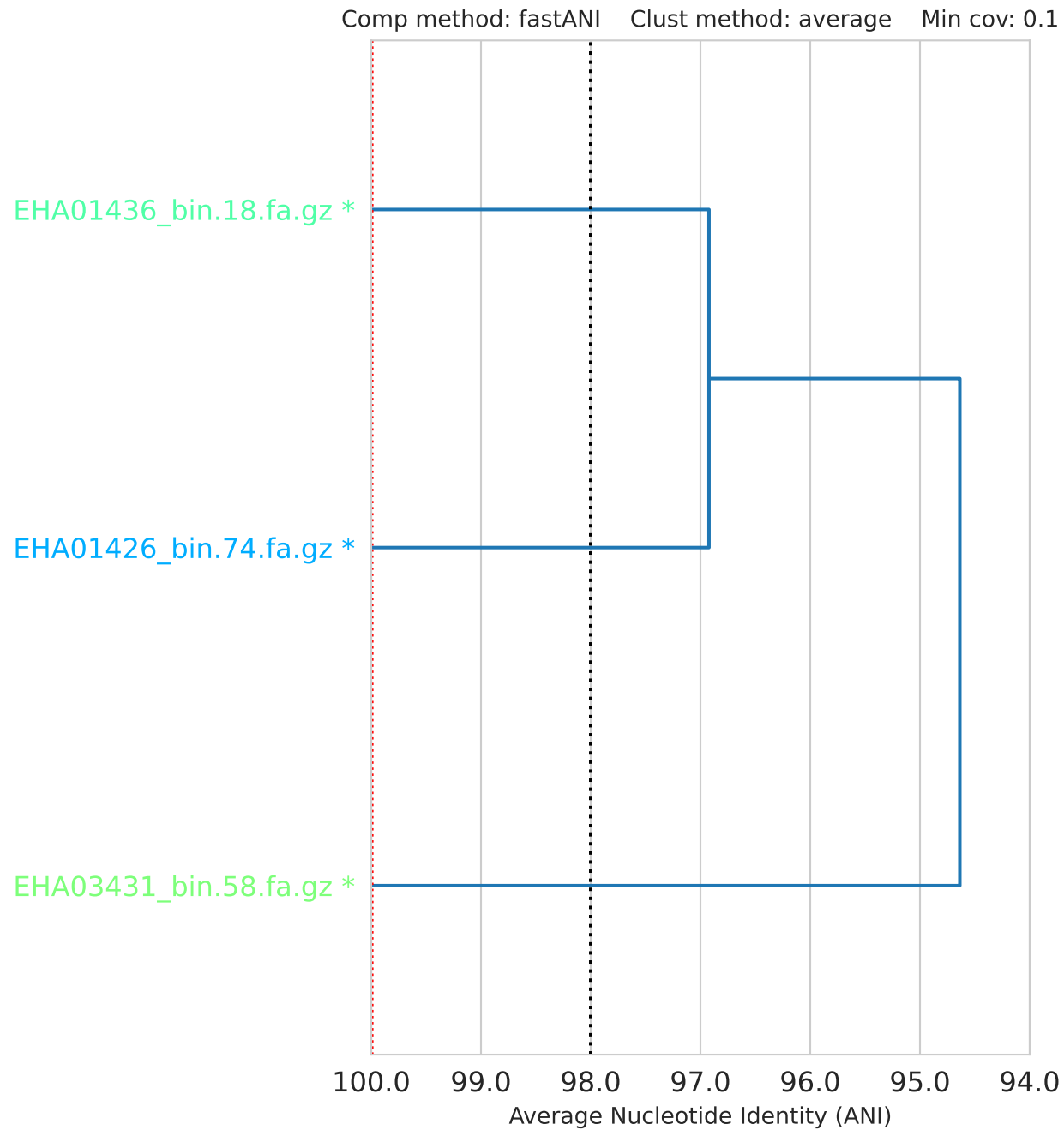
# Primary cluster 4



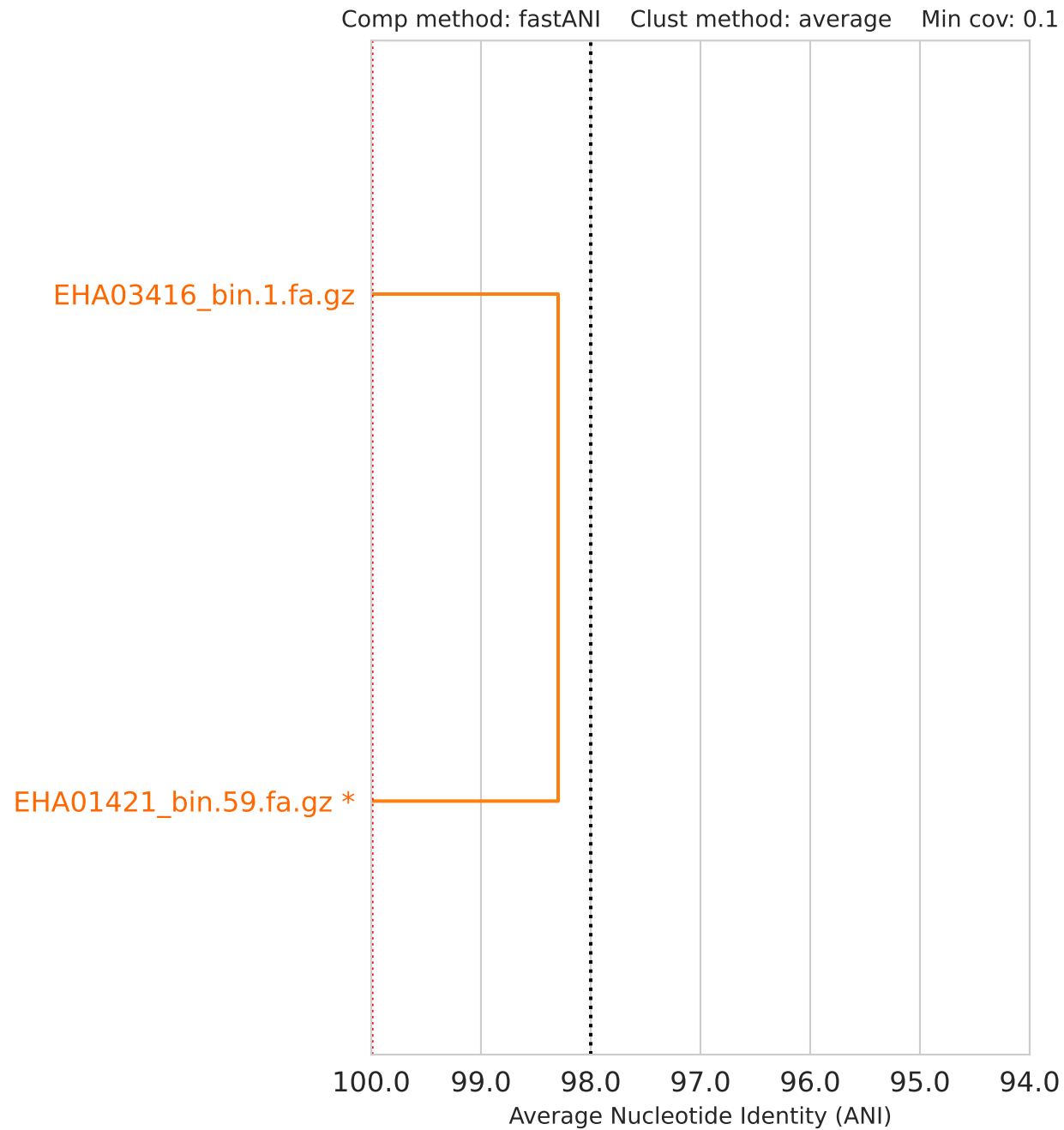
# Primary cluster 9



# Primary cluster 10



# Primary cluster 11



# Primary cluster 13

Comp method: fastANI

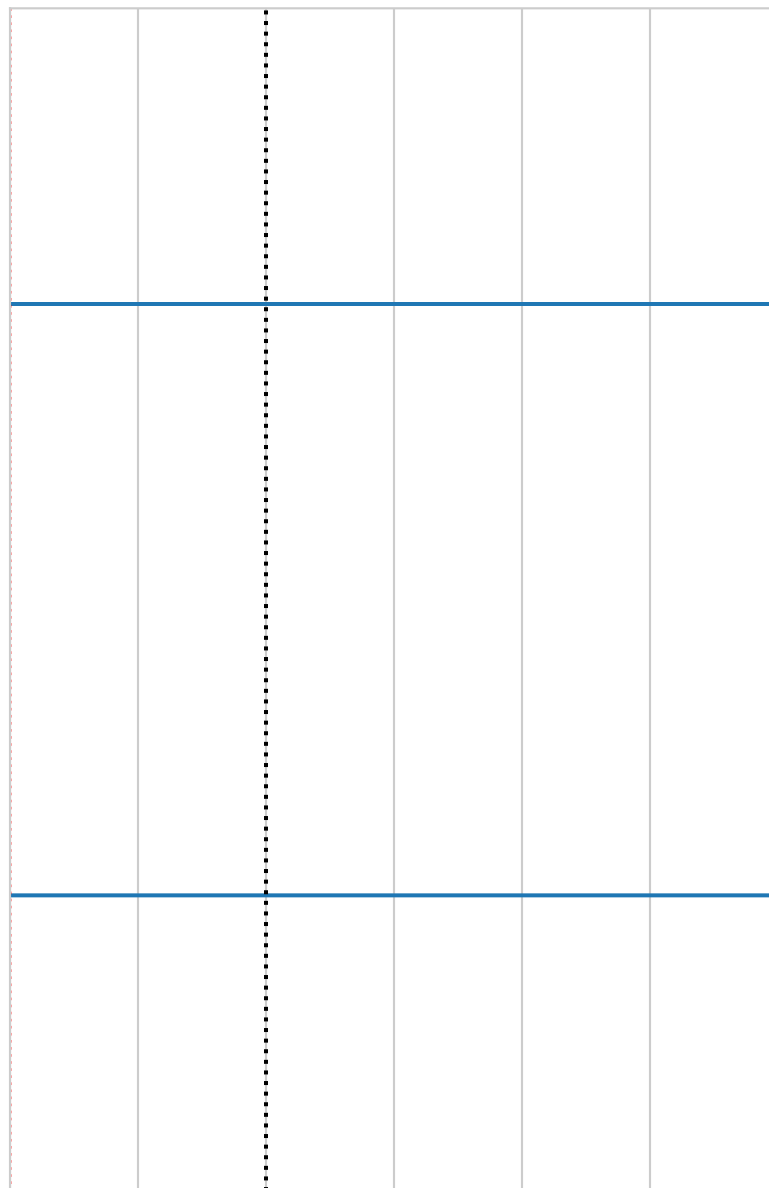
Clust method: average

Min cov: 0.1

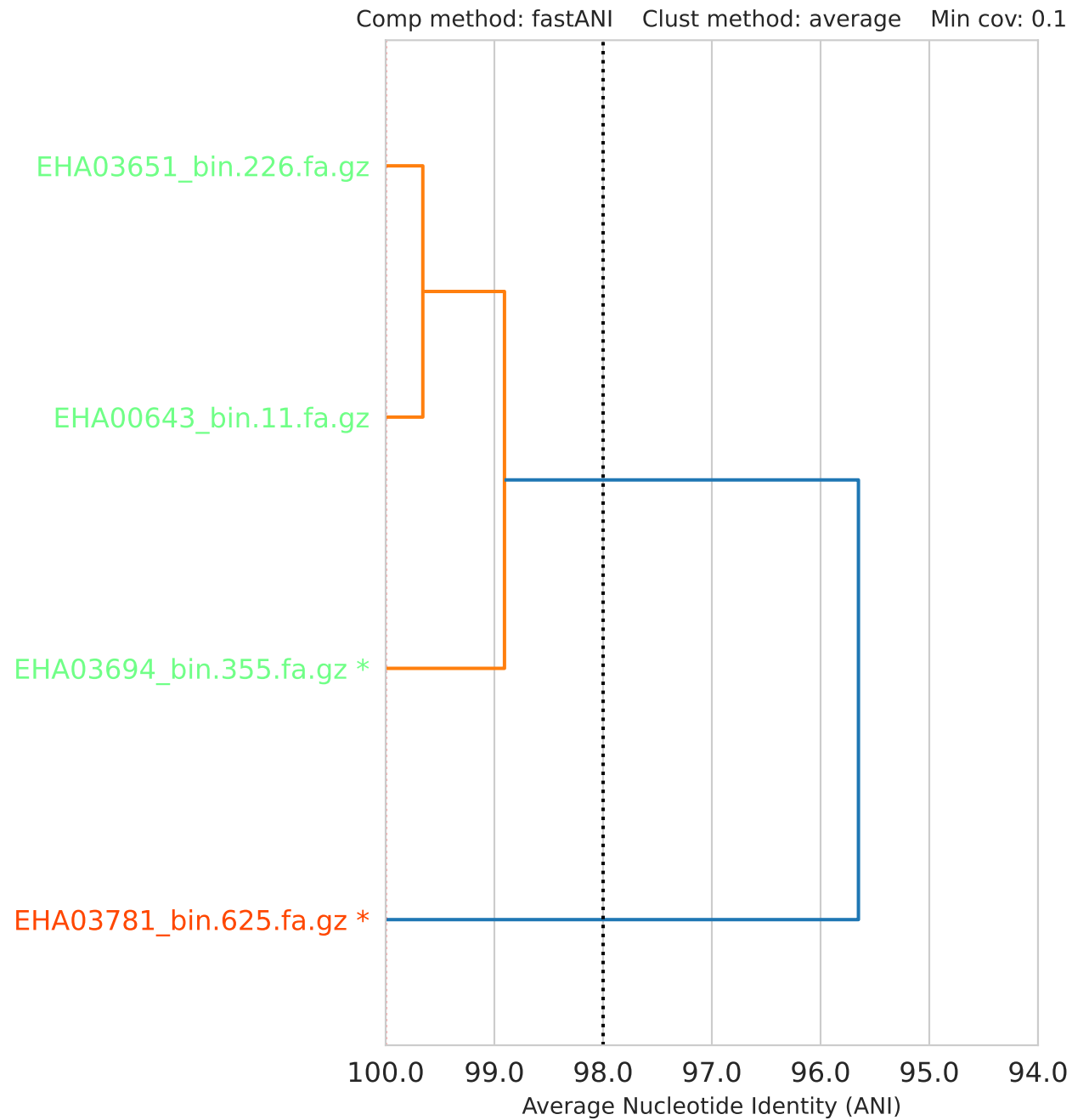
EHA03781\_bin.19.fa.gz \*

EHA01404\_bin.123.fa.gz \*

100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)

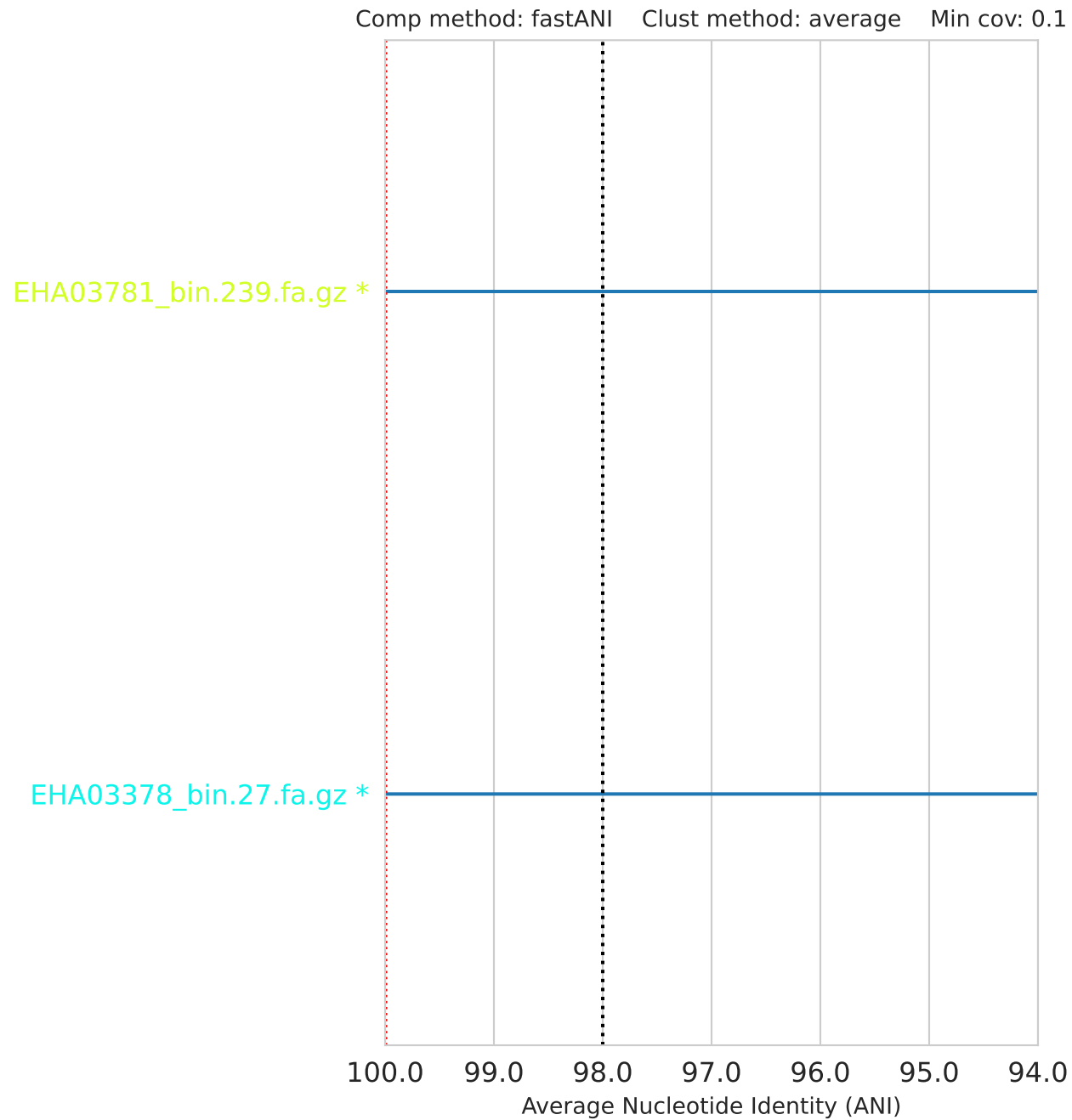


# Primary cluster 15

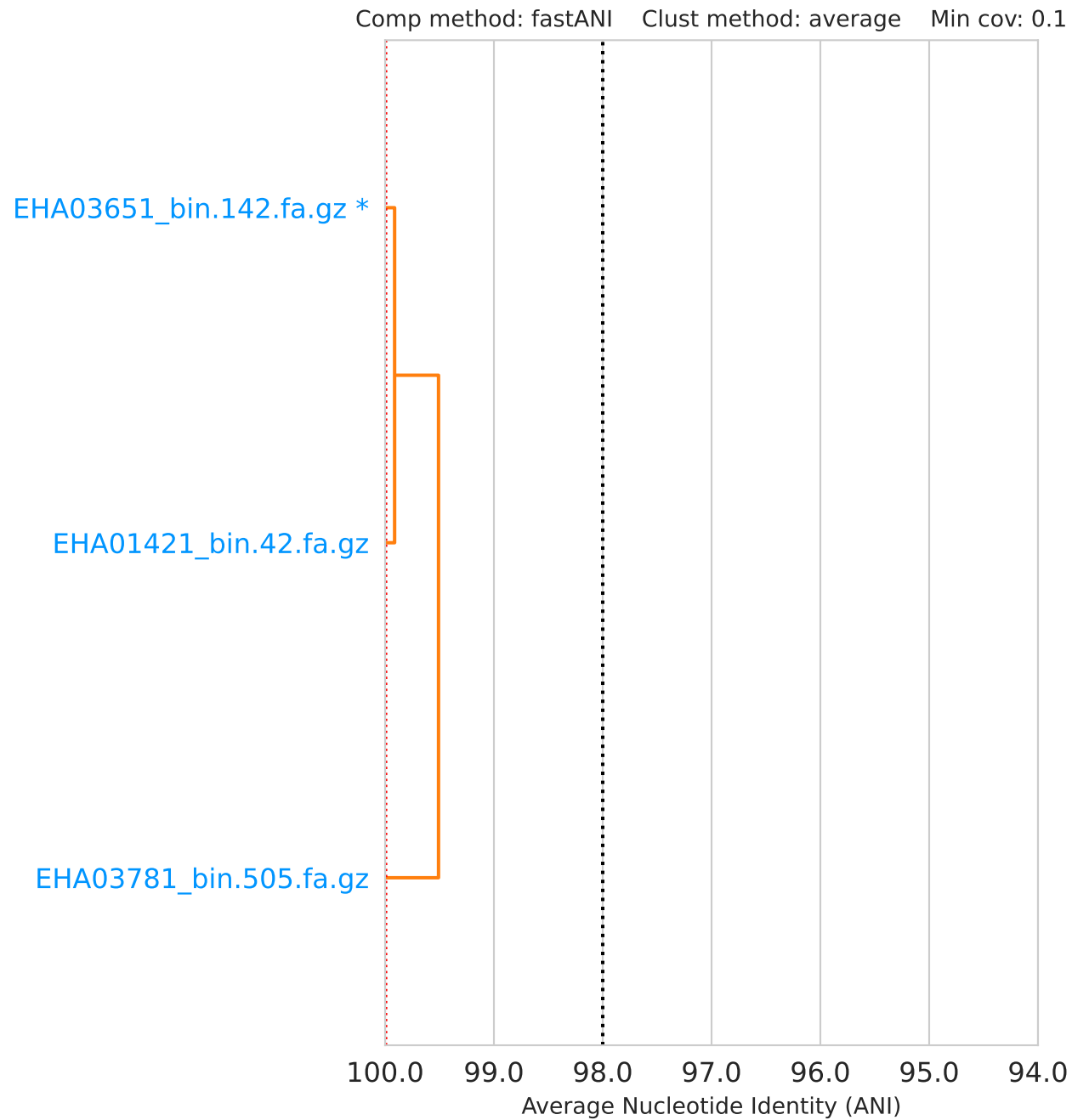




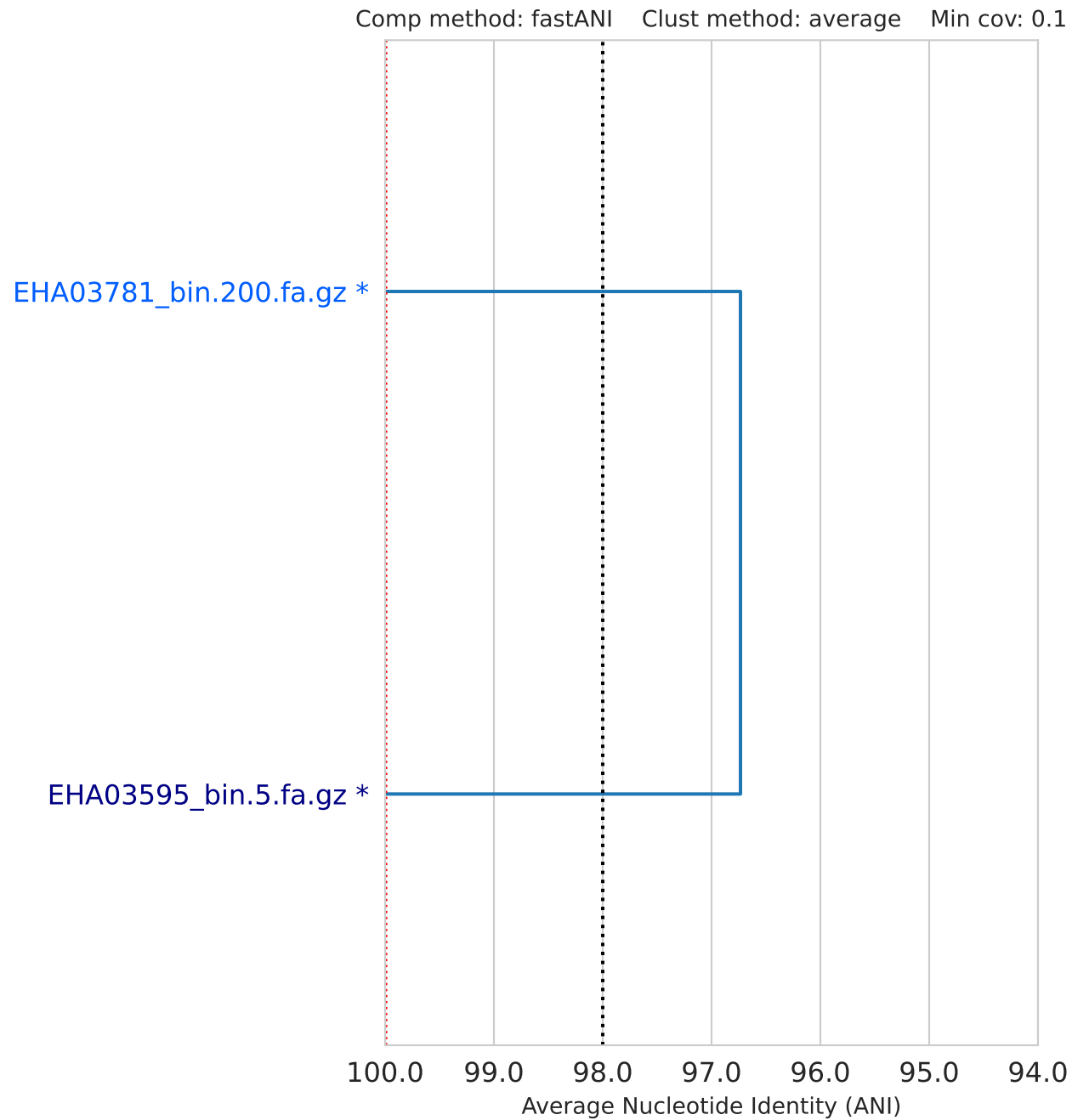
# Primary cluster 16



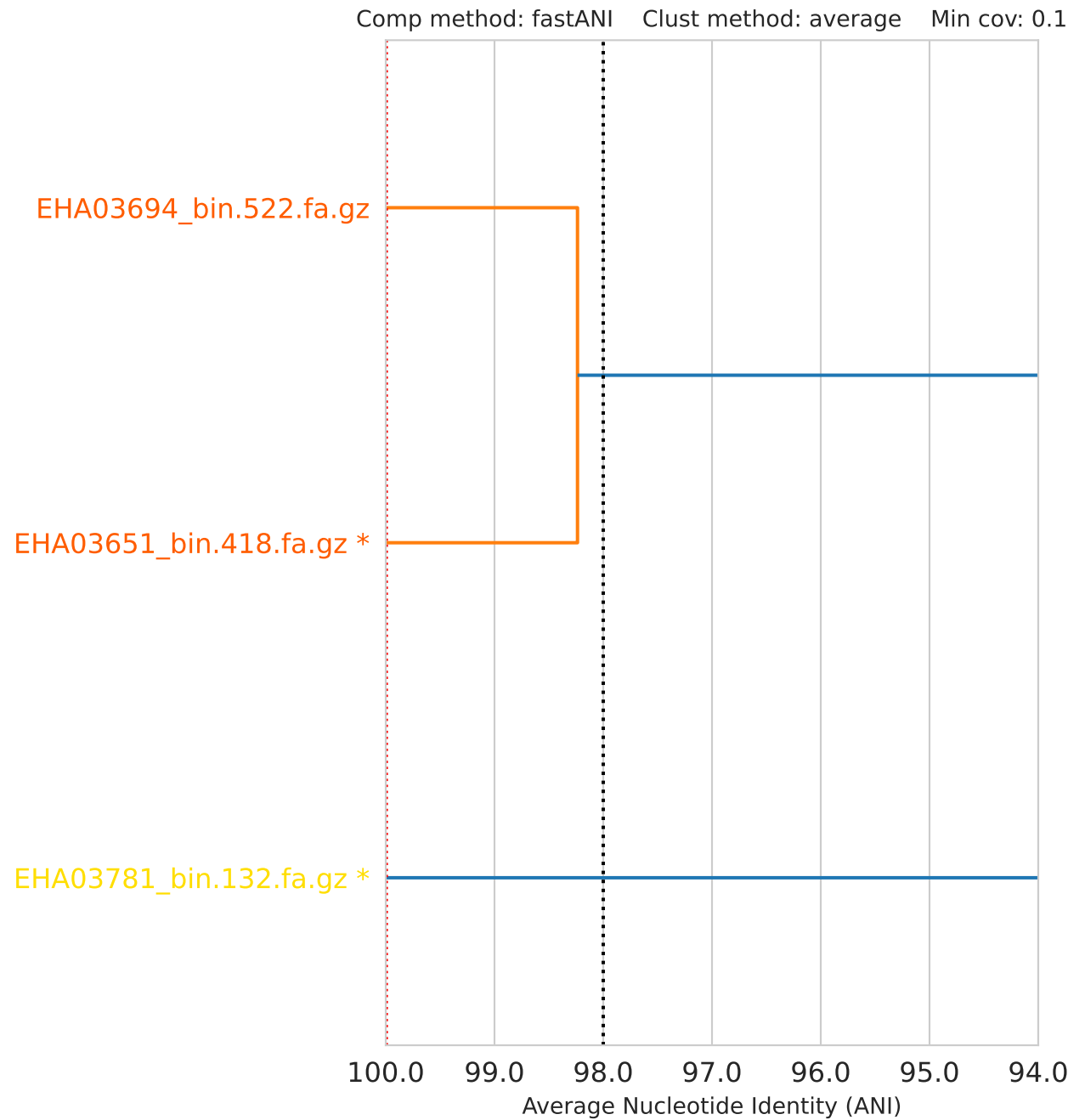
# Primary cluster 18



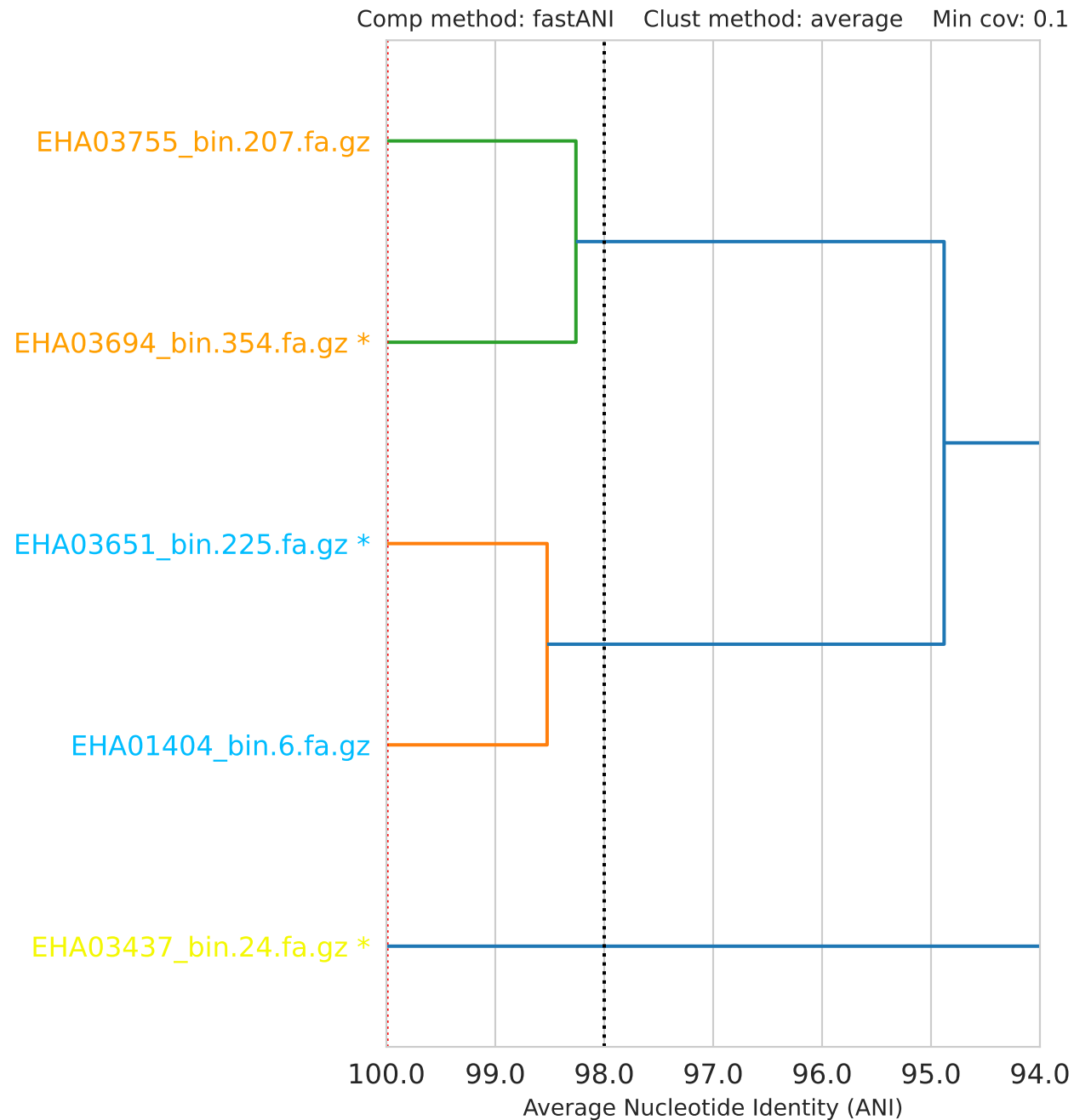
# Primary cluster 20



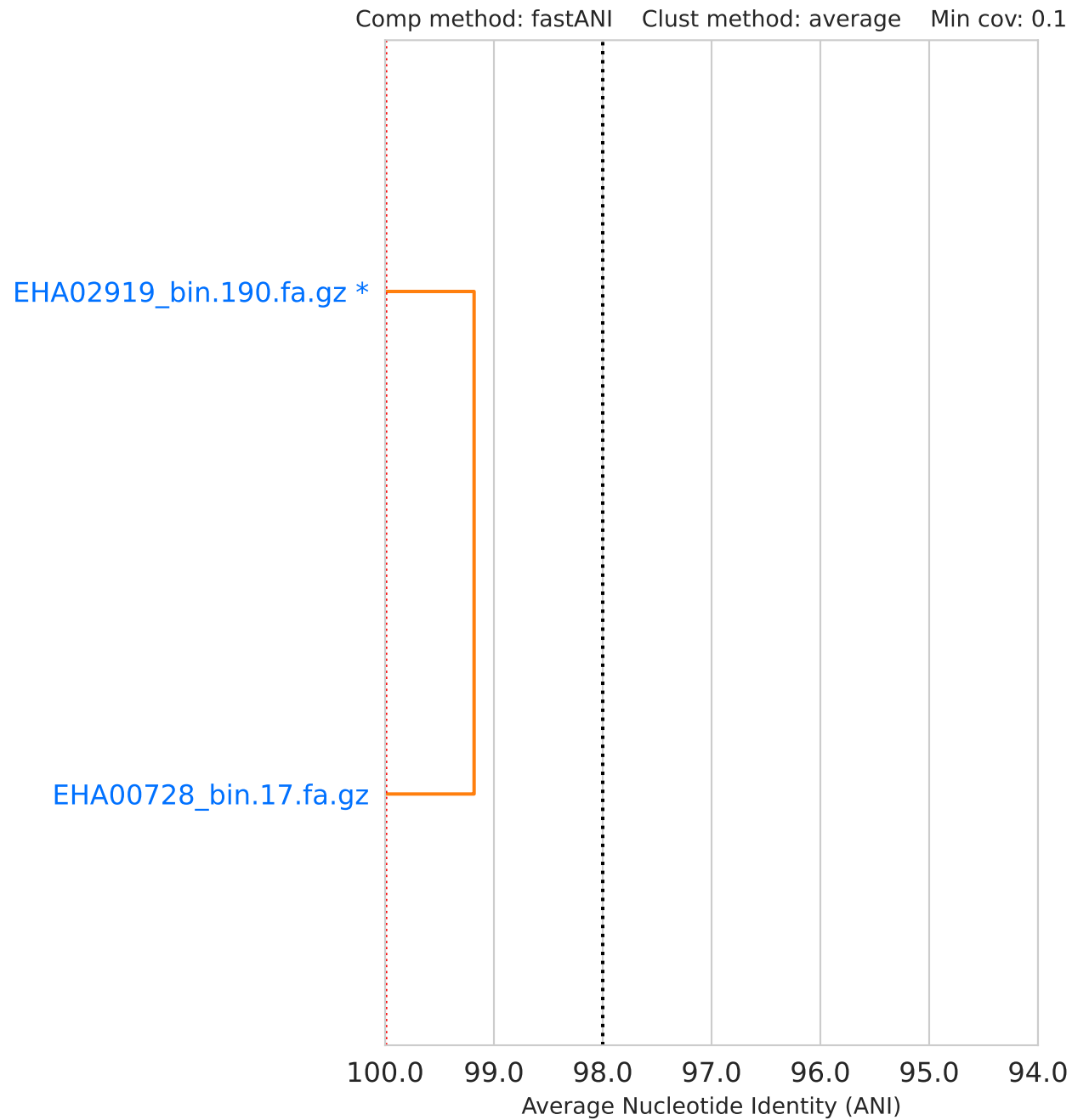
# Primary cluster 21



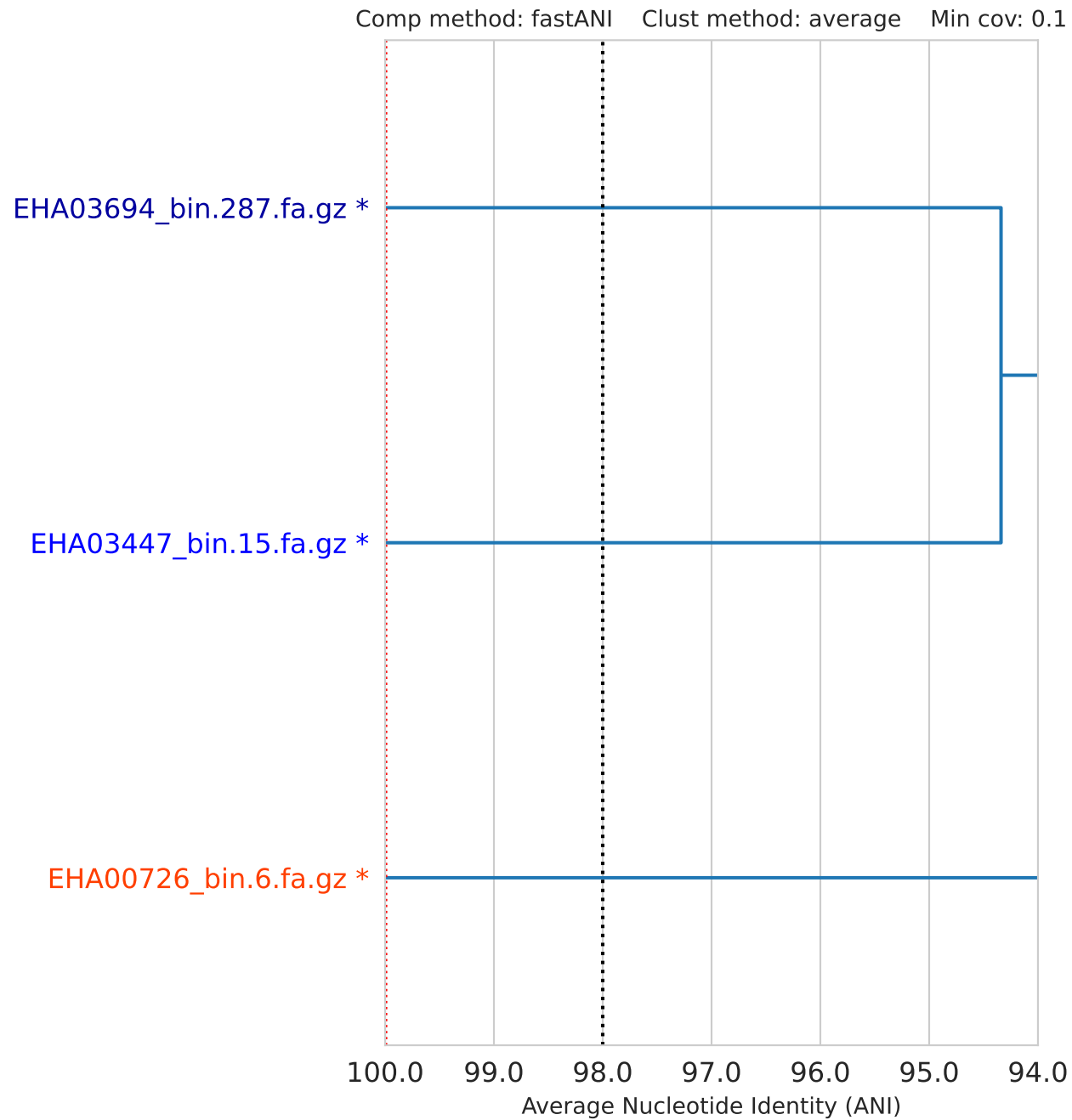
# Primary cluster 22



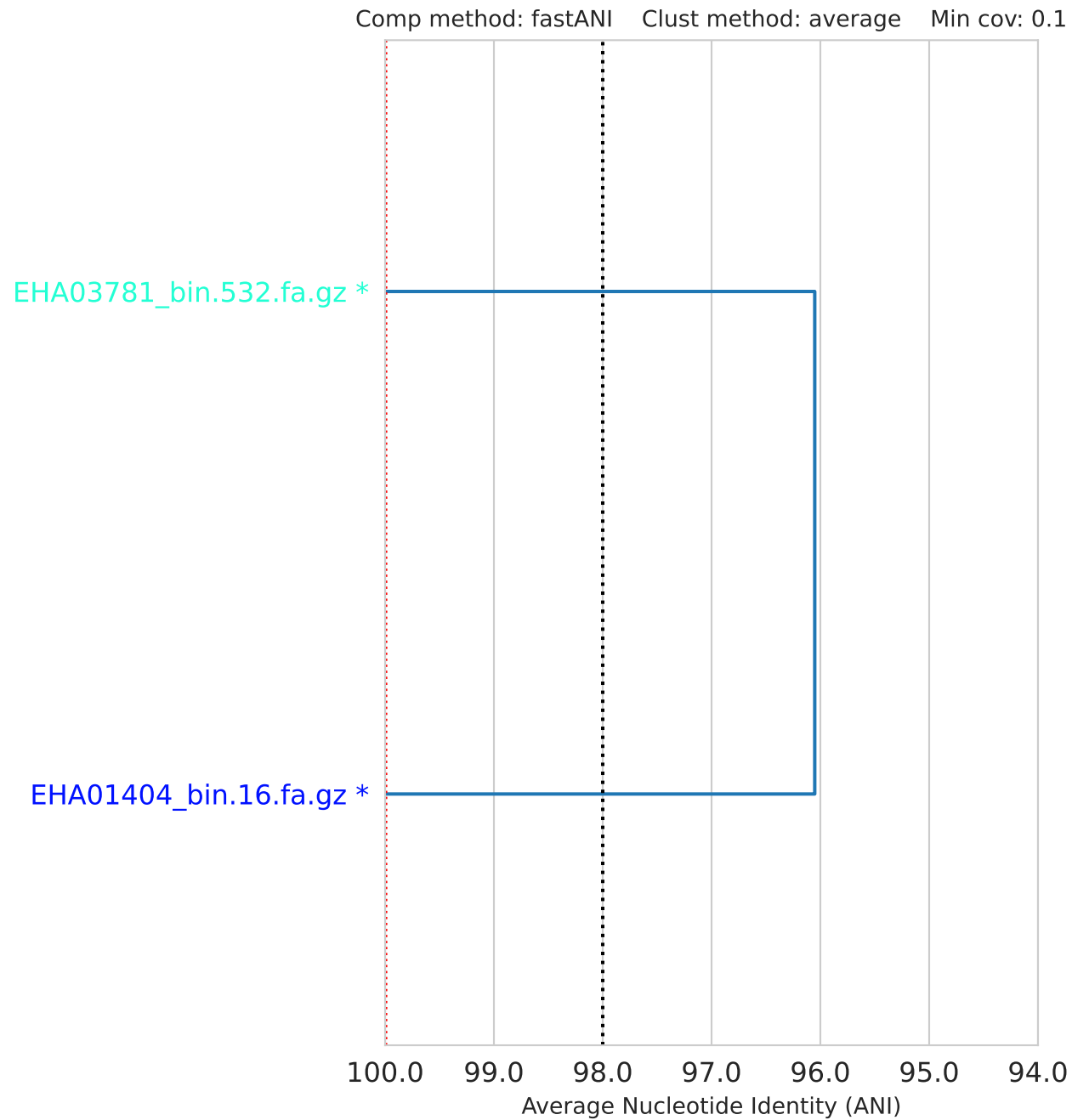
# Primary cluster 23



# Primary cluster 26

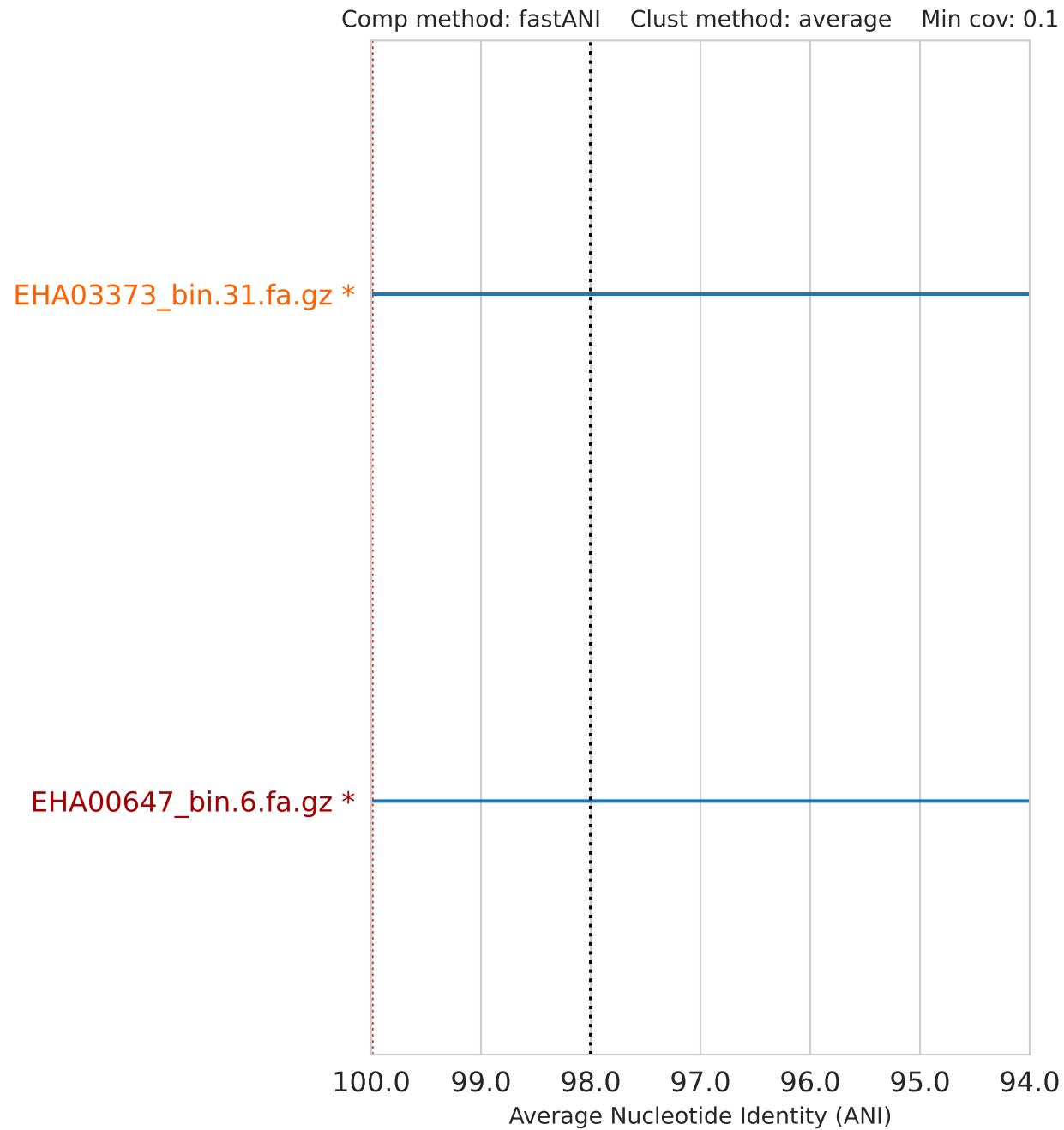


# Primary cluster 28

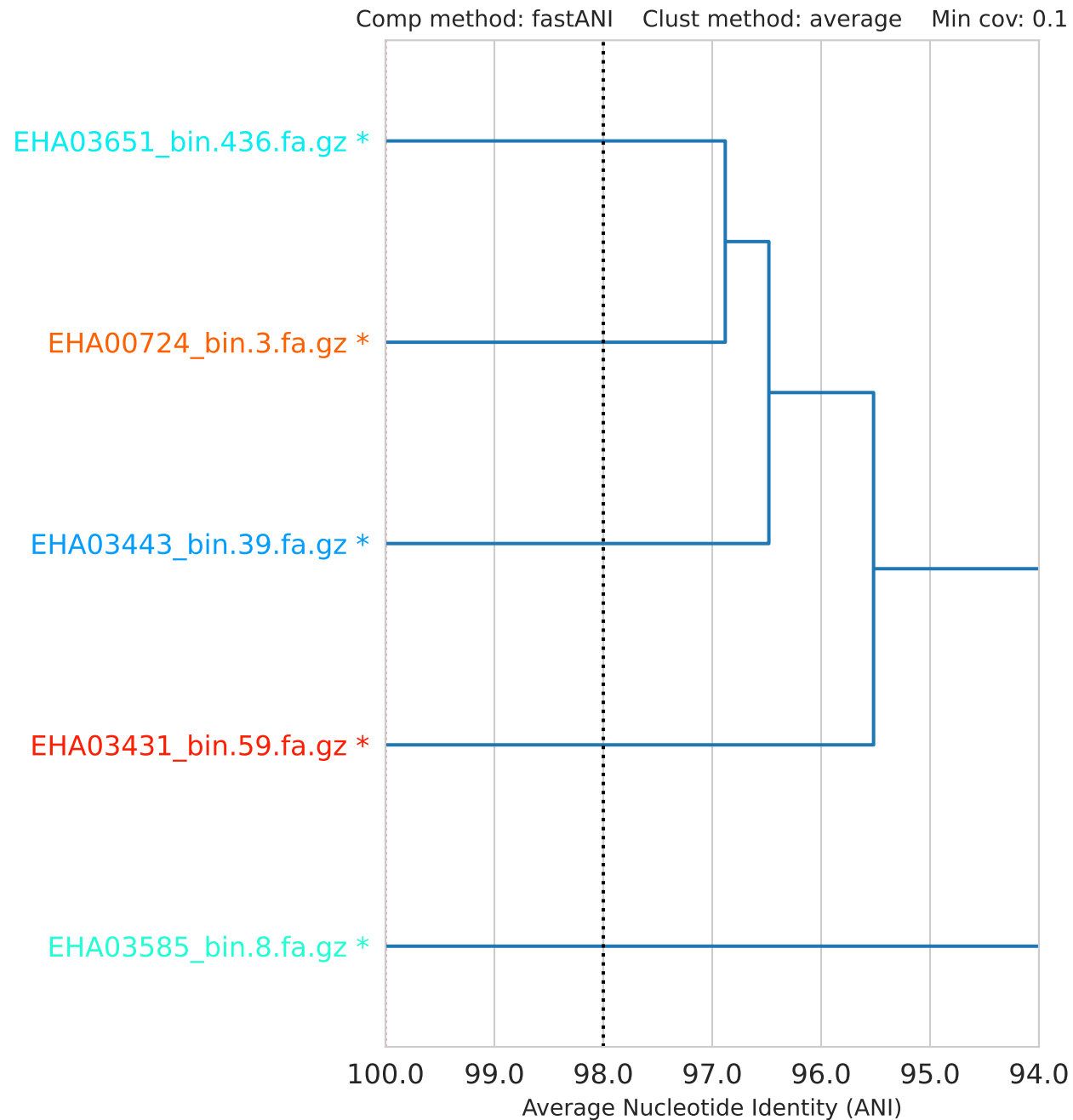




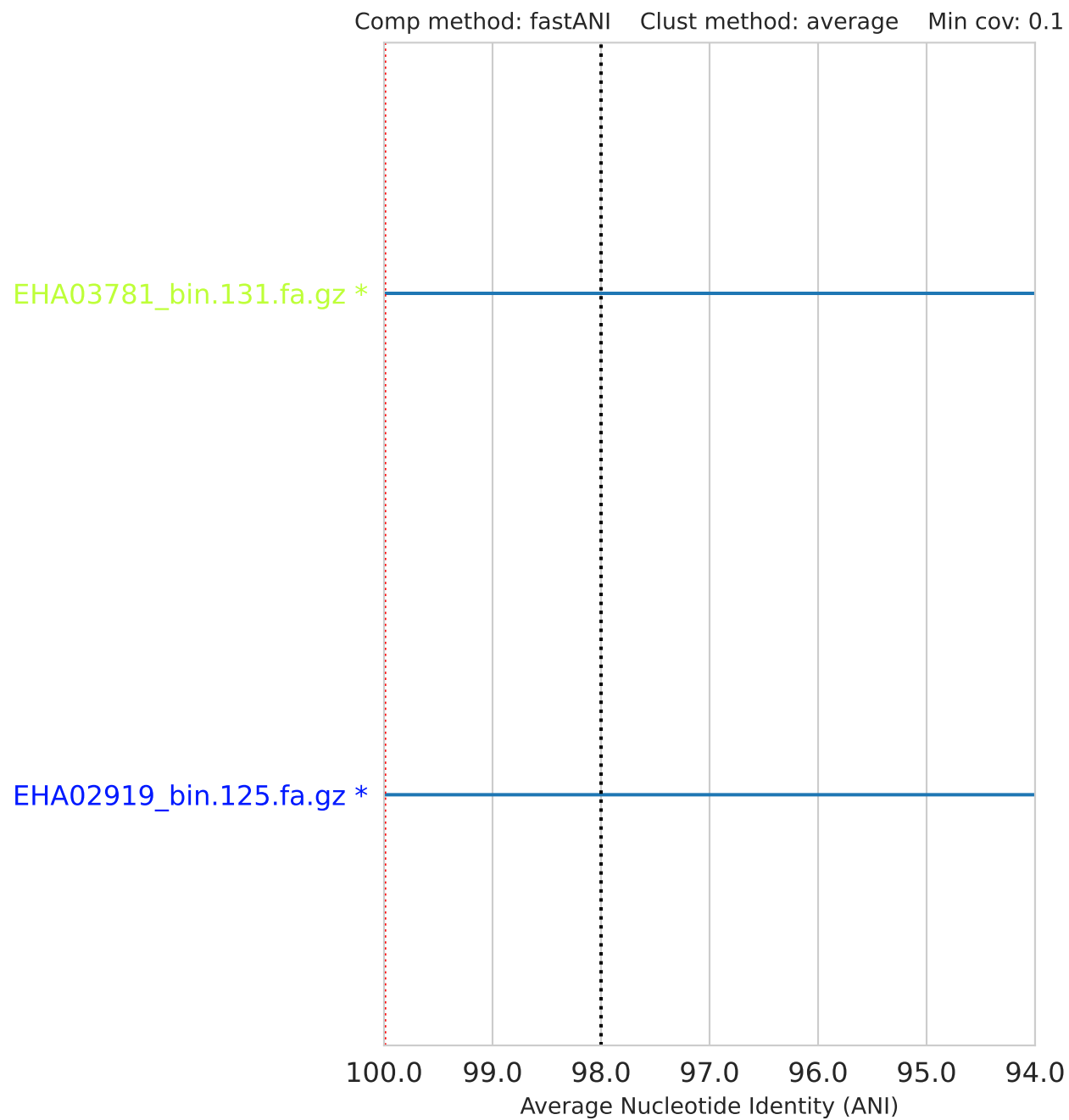
# Primary cluster 29



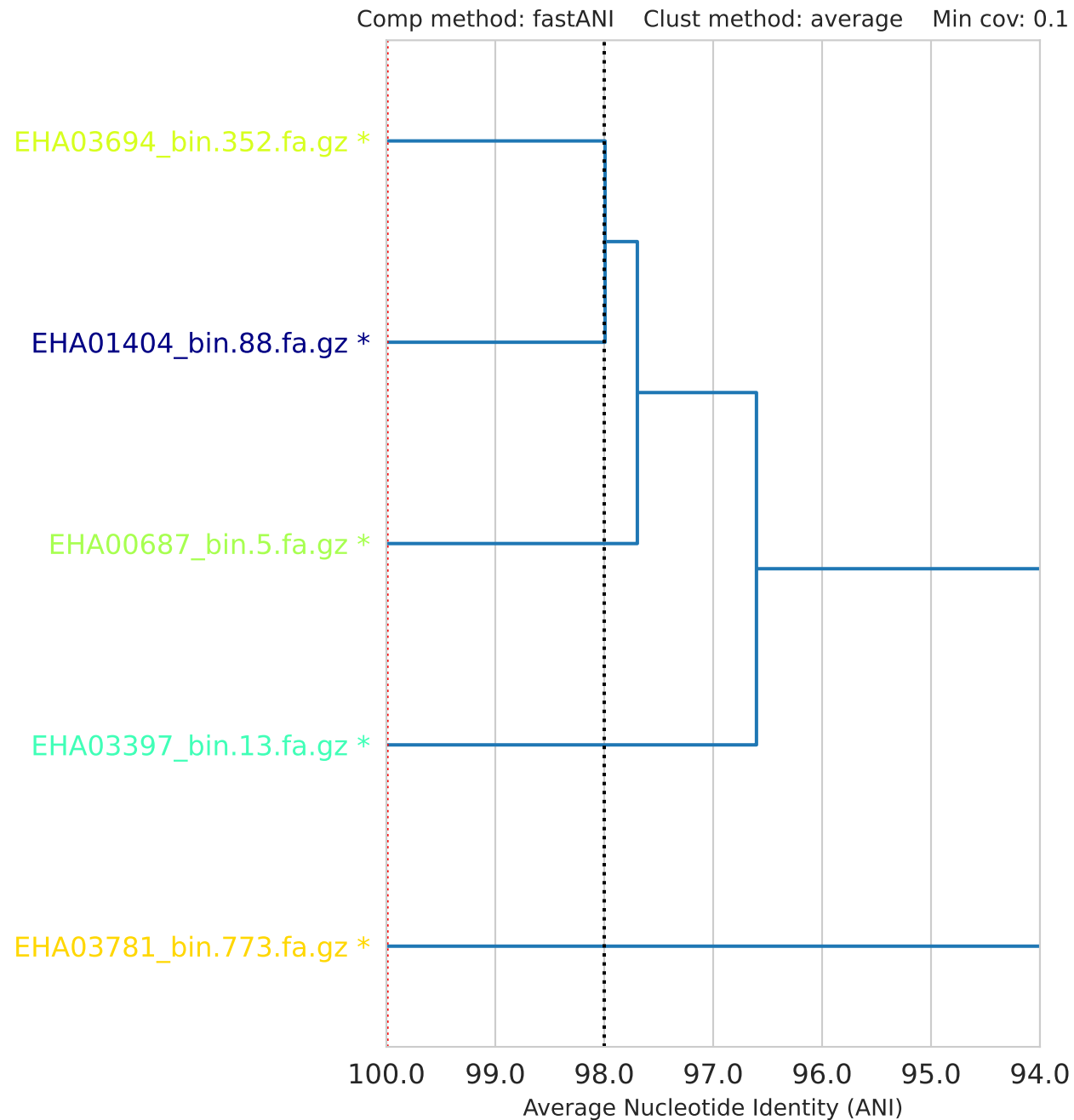
# Primary cluster 30



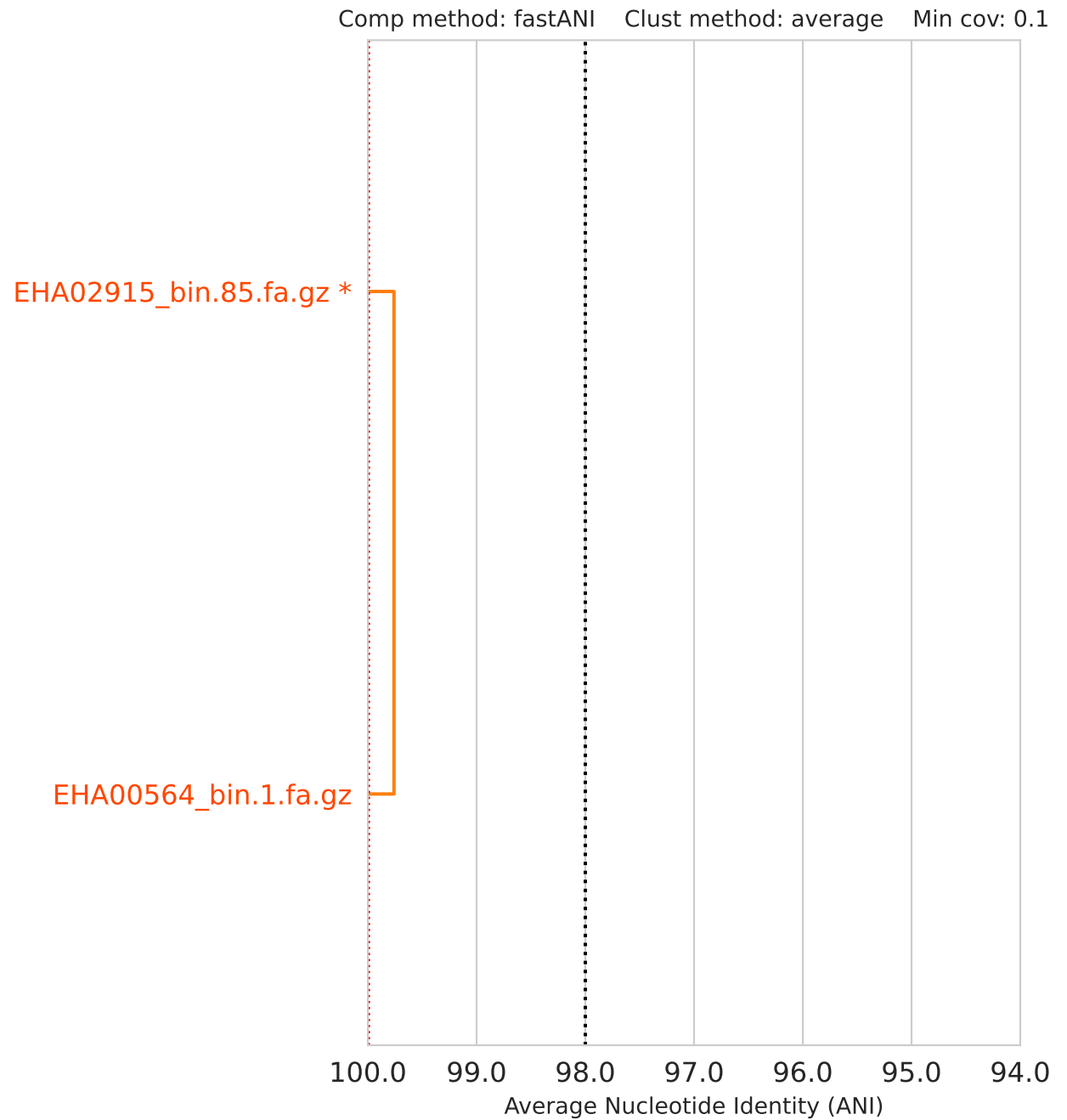
# Primary cluster 31



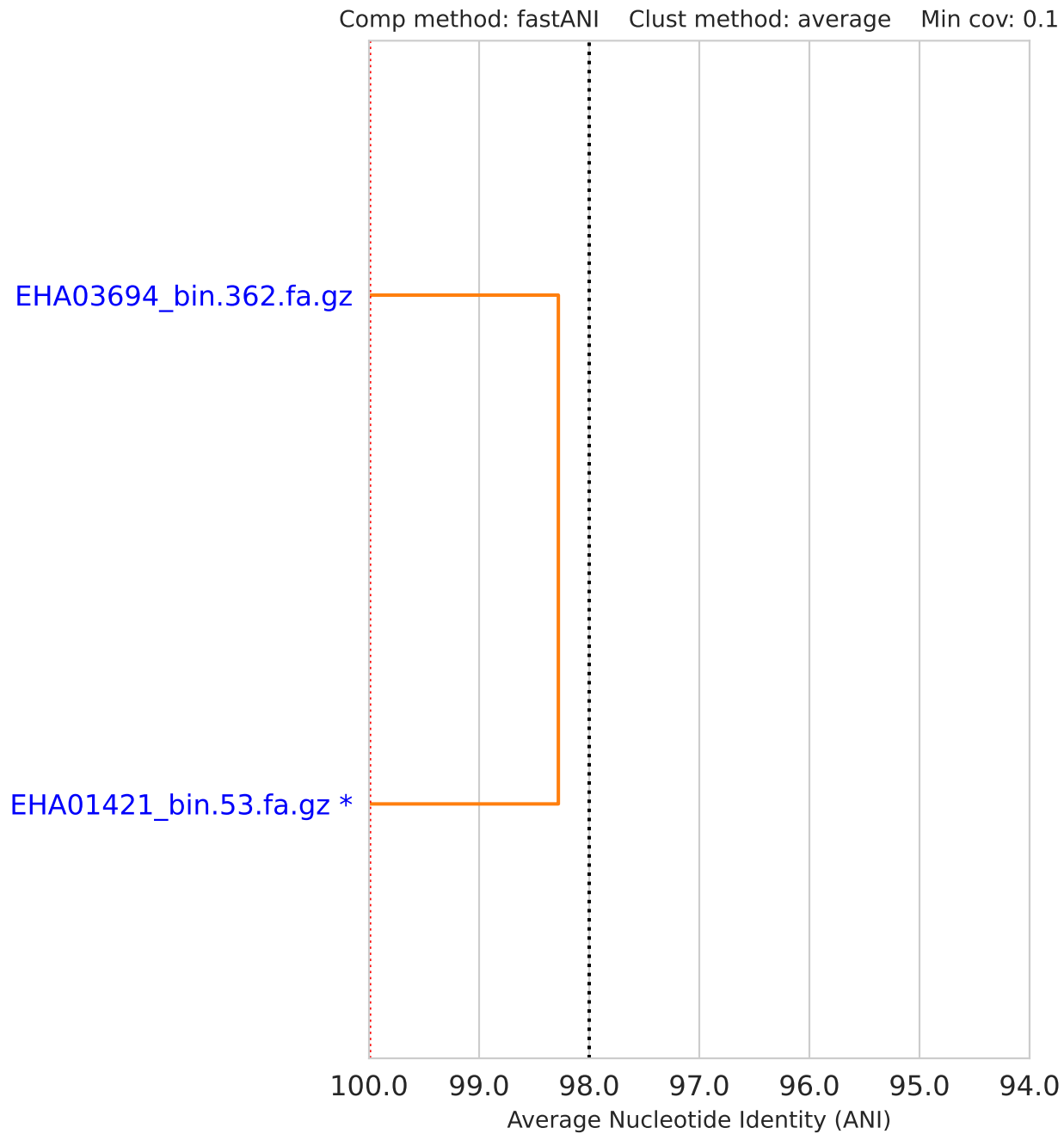
# Primary cluster 33



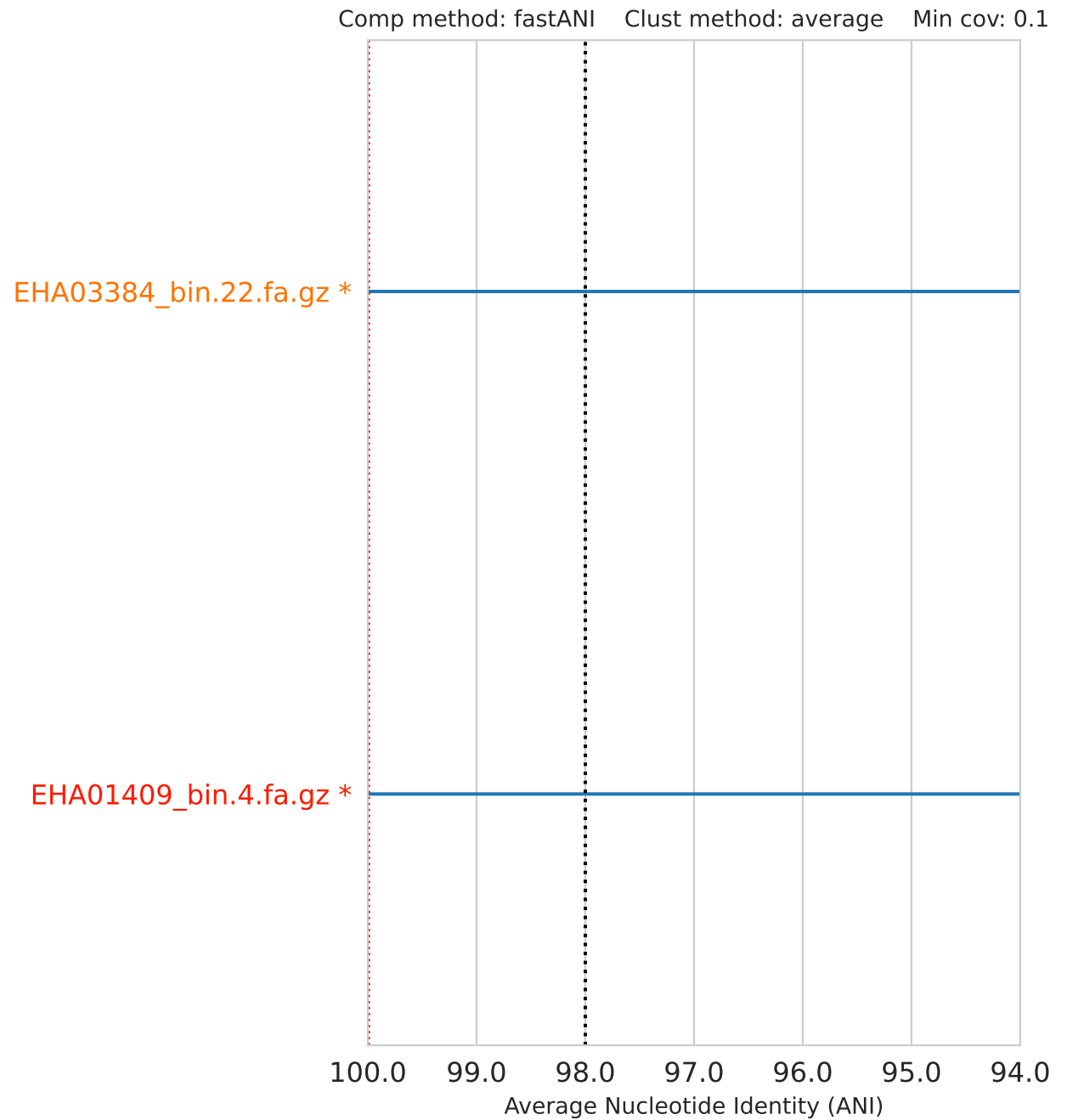
# Primary cluster 35



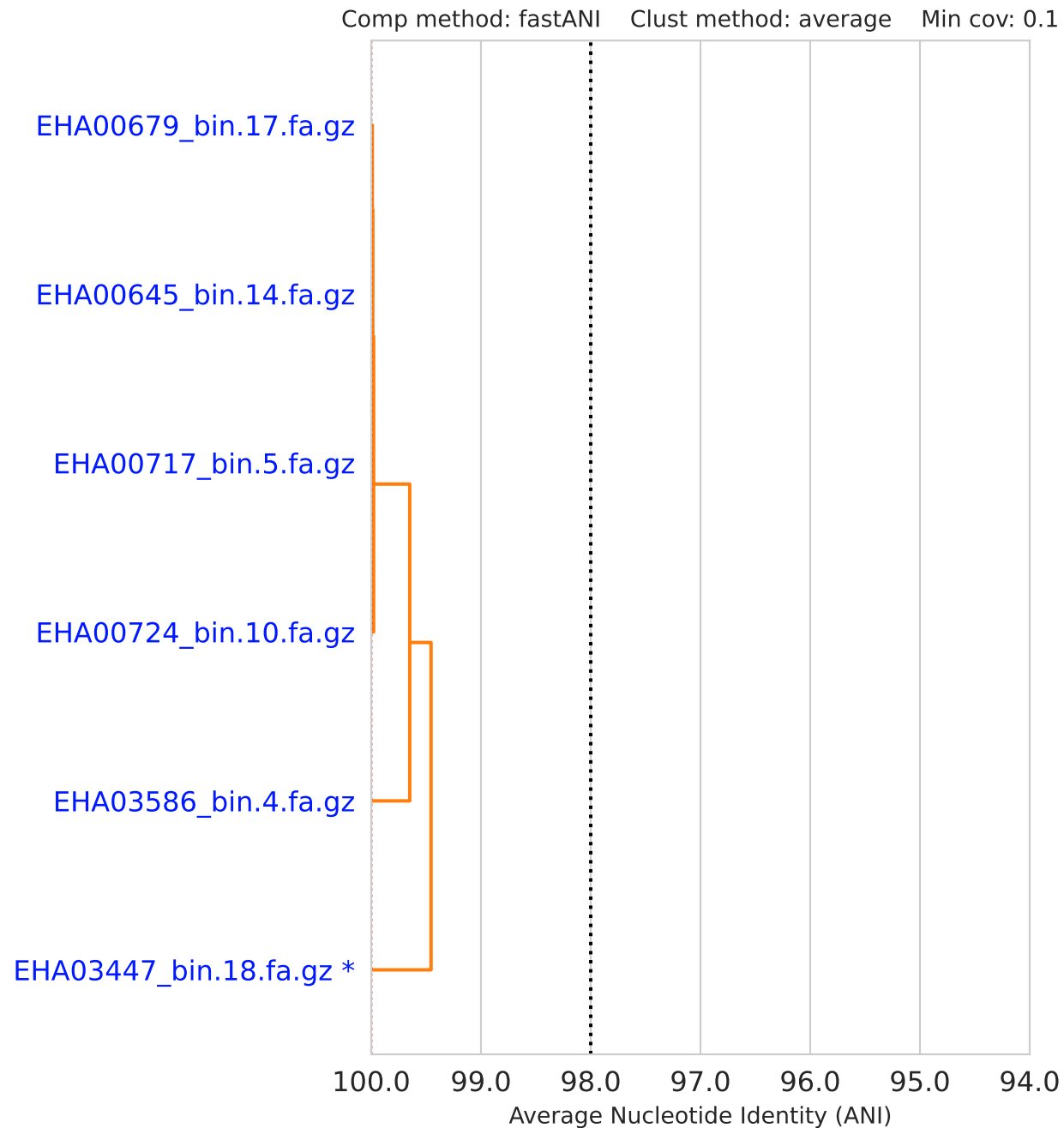
# Primary cluster 36



# Primary cluster 37

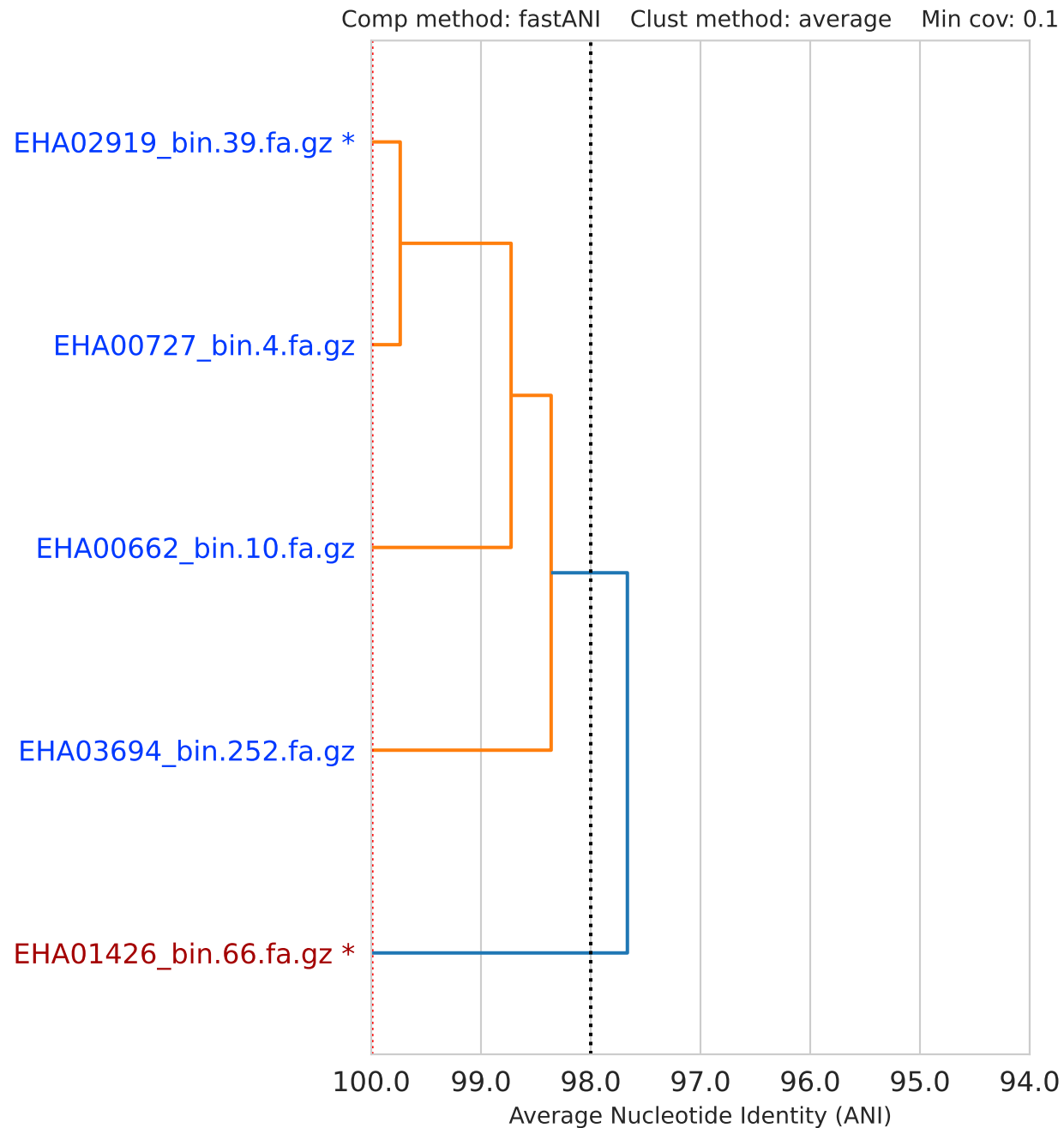


# Primary cluster 38

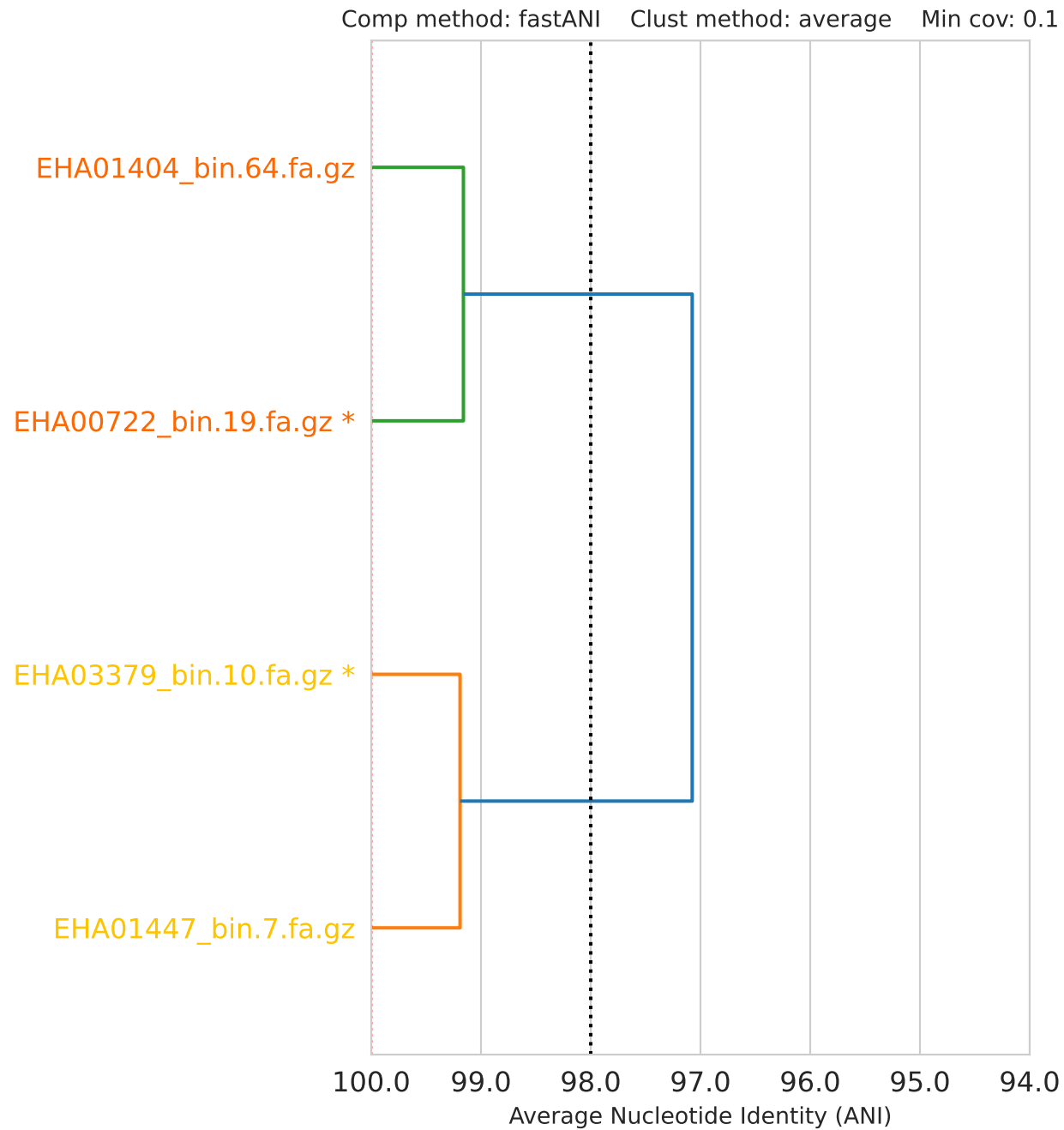




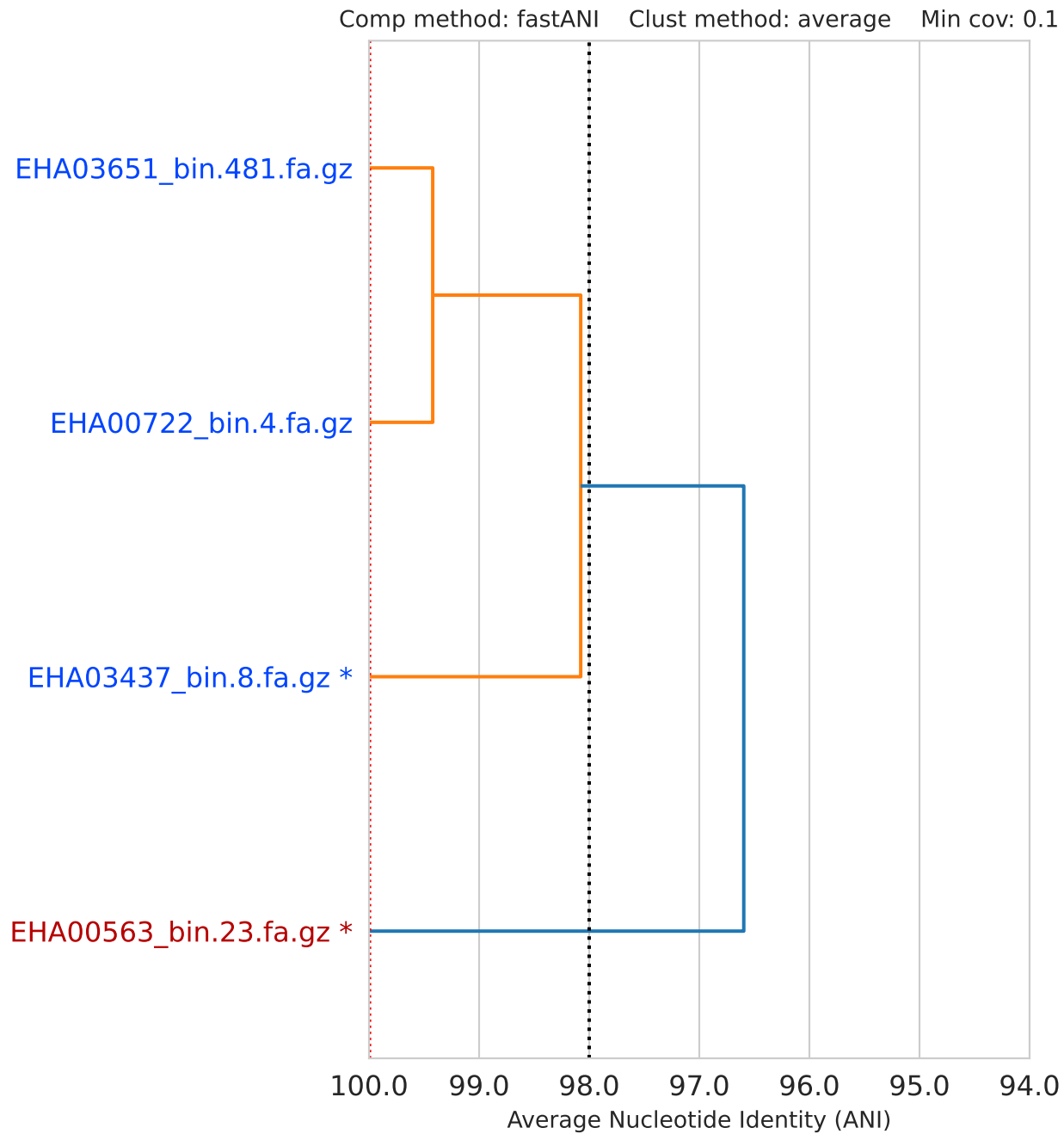
# Primary cluster 40



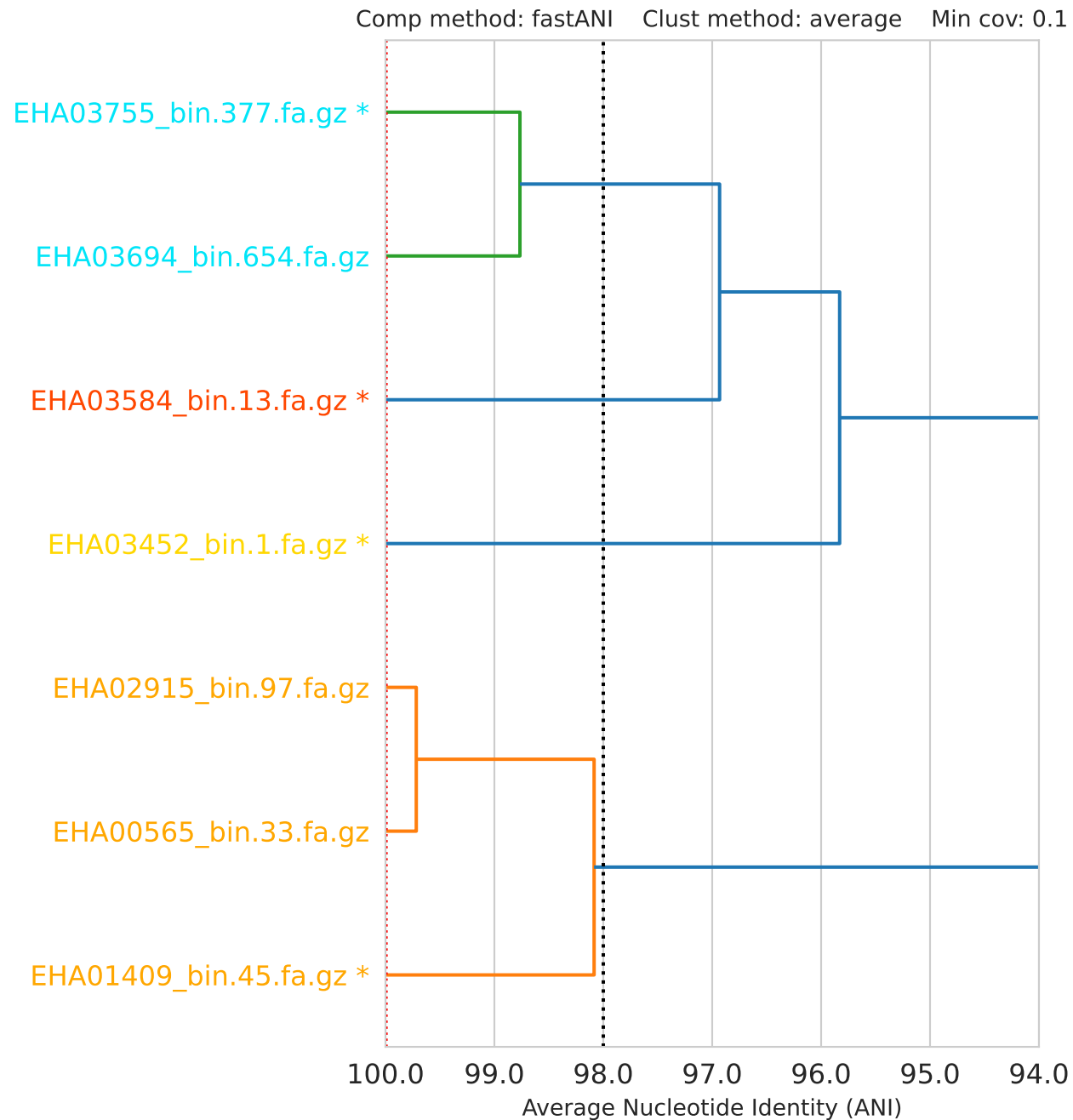
# Primary cluster 41



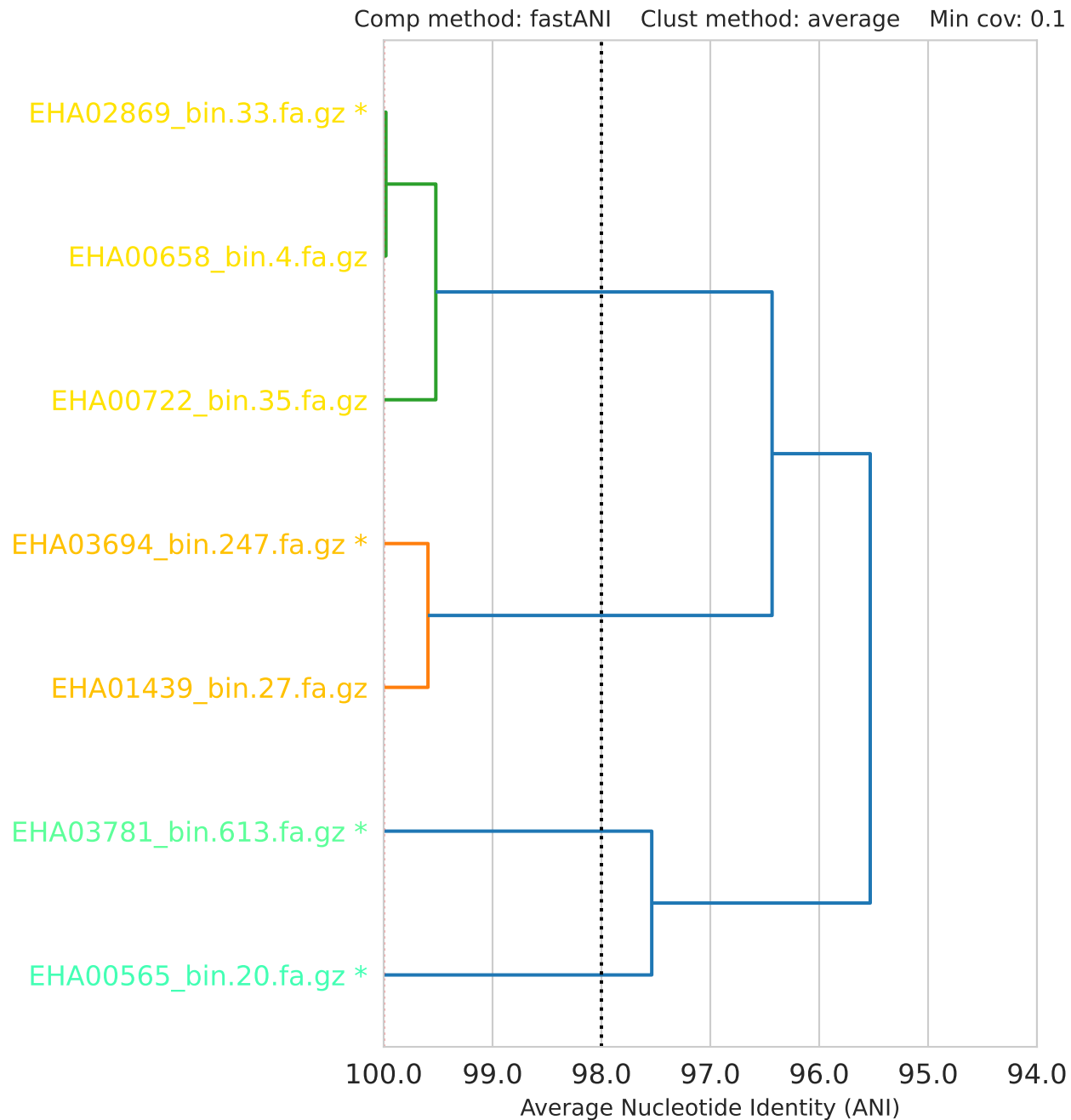
# Primary cluster 42



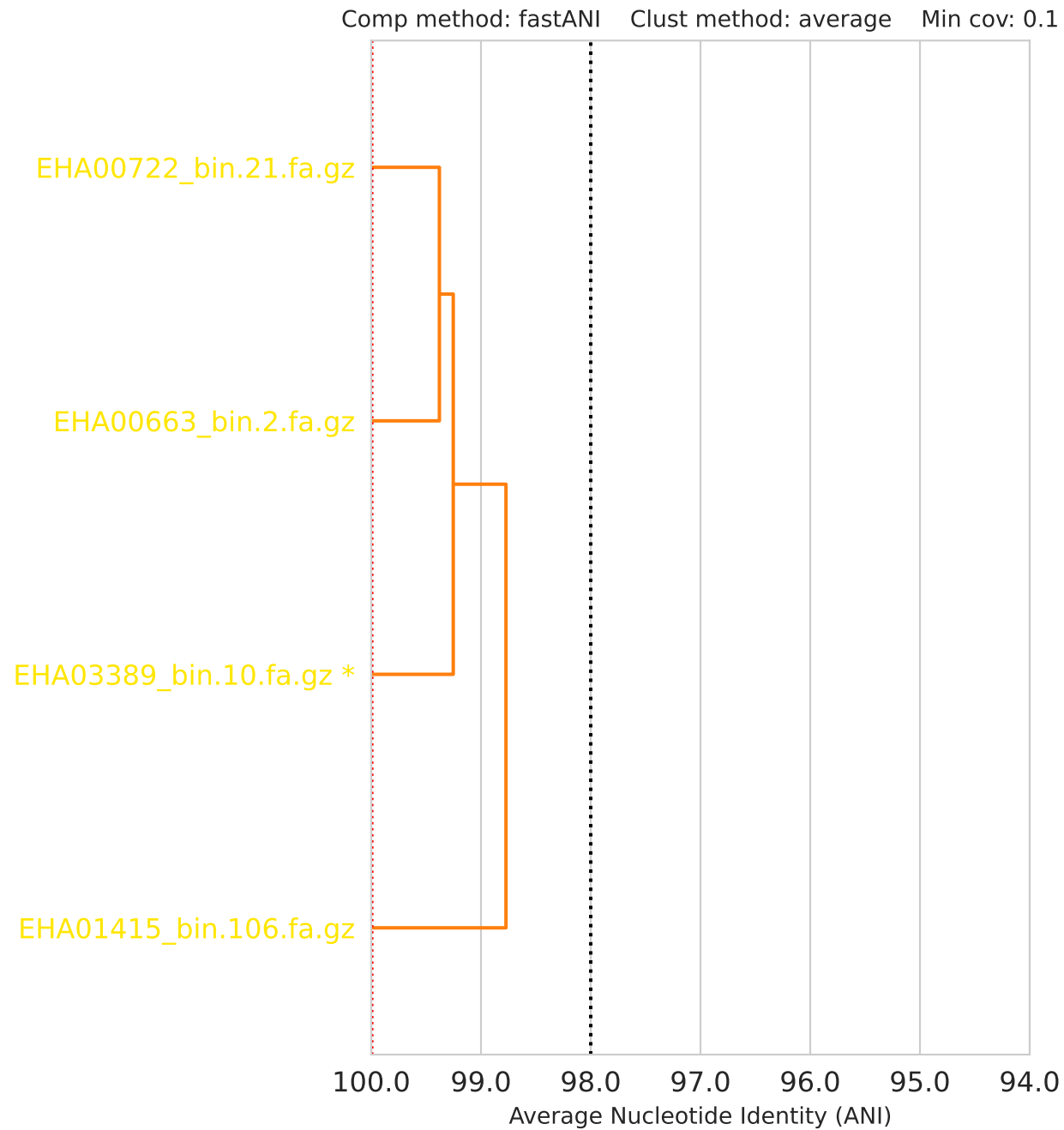
# Primary cluster 43



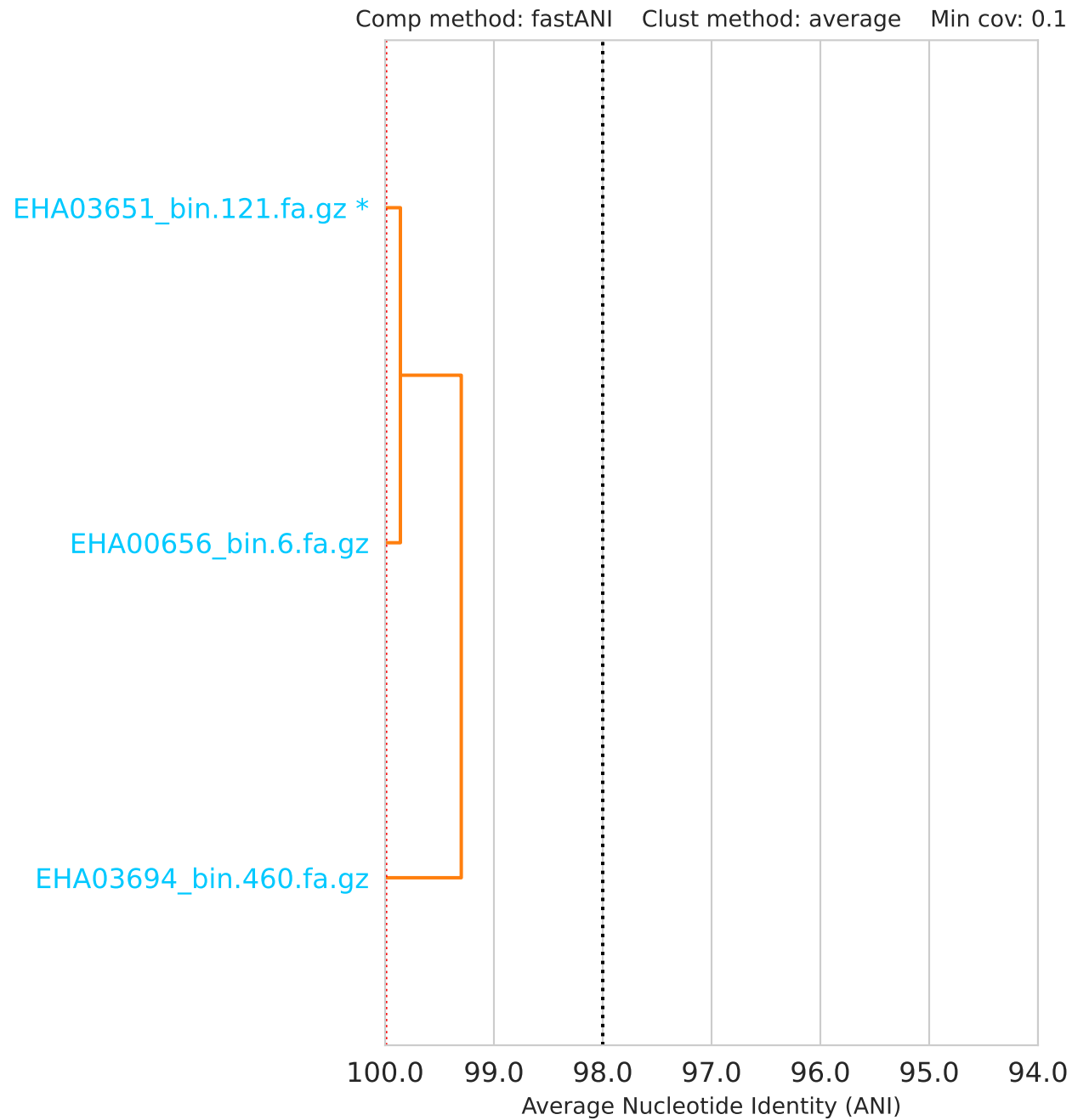
# Primary cluster 47



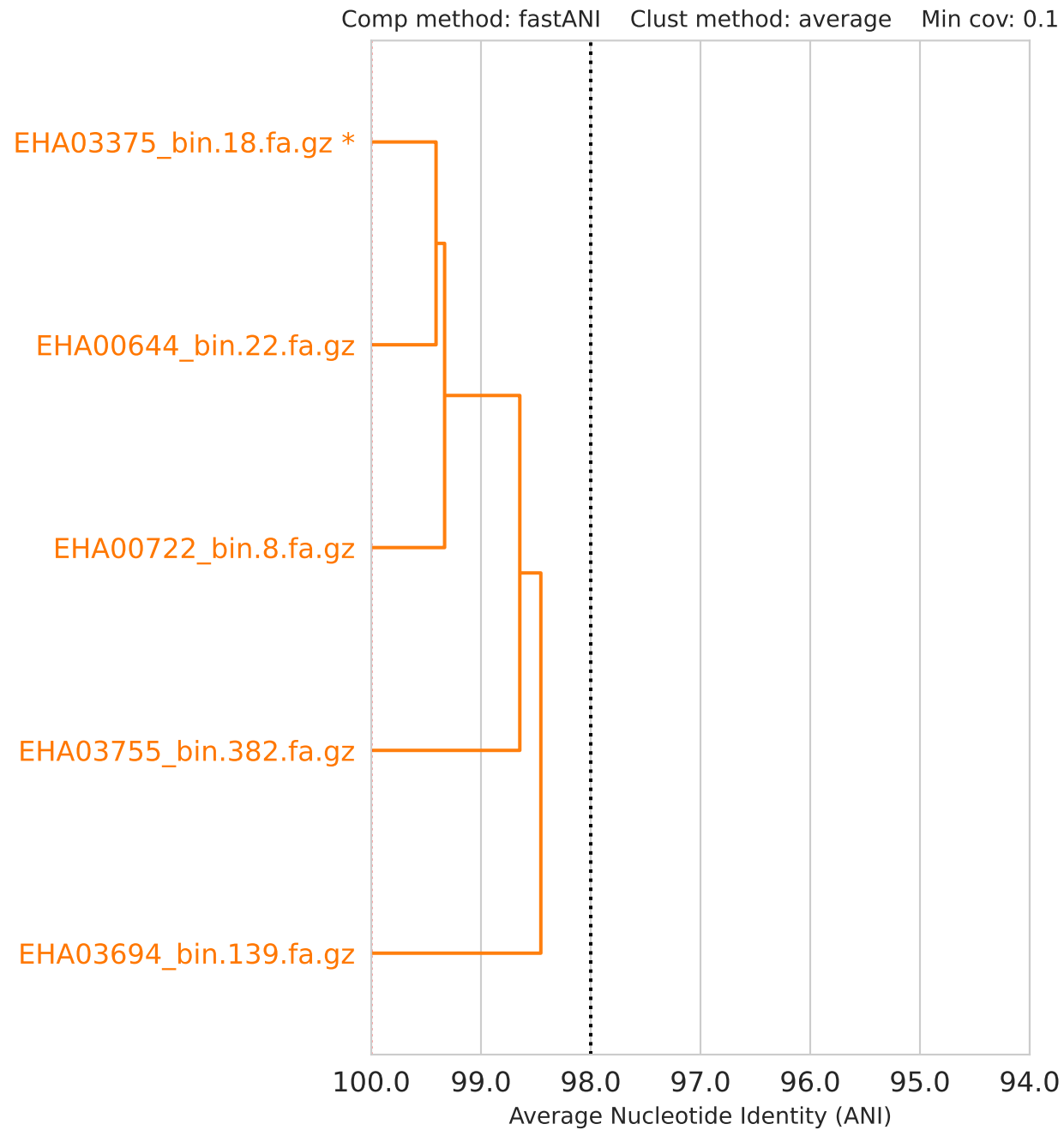
# Primary cluster 48



# Primary cluster 50

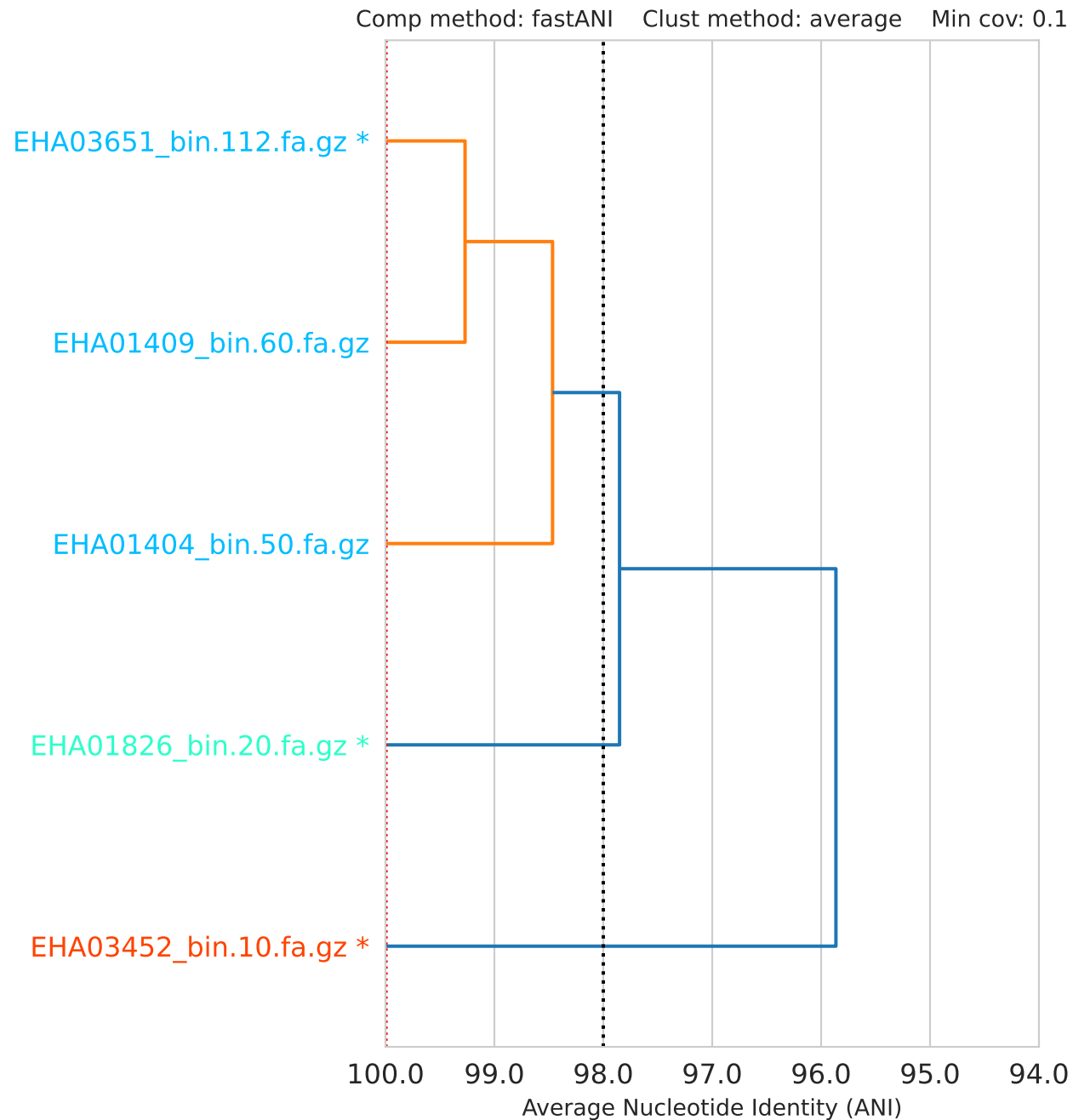


# Primary cluster 51





# Primary cluster 52



# Primary cluster 53

Comp method: fastANI

Clust method: average

Min cov: 0.1

EHA00719\_bin.19.fa.gz \*

EHA00667\_bin.18.fa.gz

100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)

# Primary cluster 57

Comp method: fastANI

Clust method: average

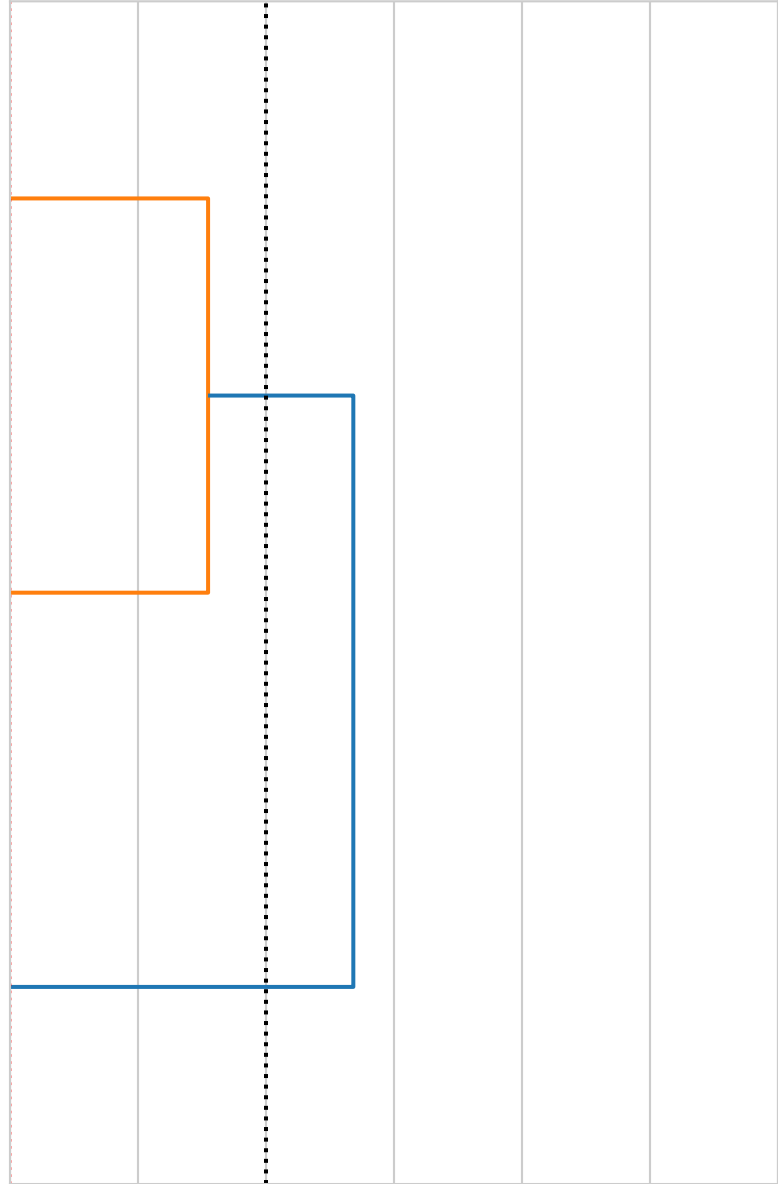
Min cov: 0.1

EHA03781\_bin.38.fa.gz \*

EHA00719\_bin.6.fa.gz

EHA00667\_bin.11.fa.gz \*

100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



# Primary cluster 58

Comp method: fastANI

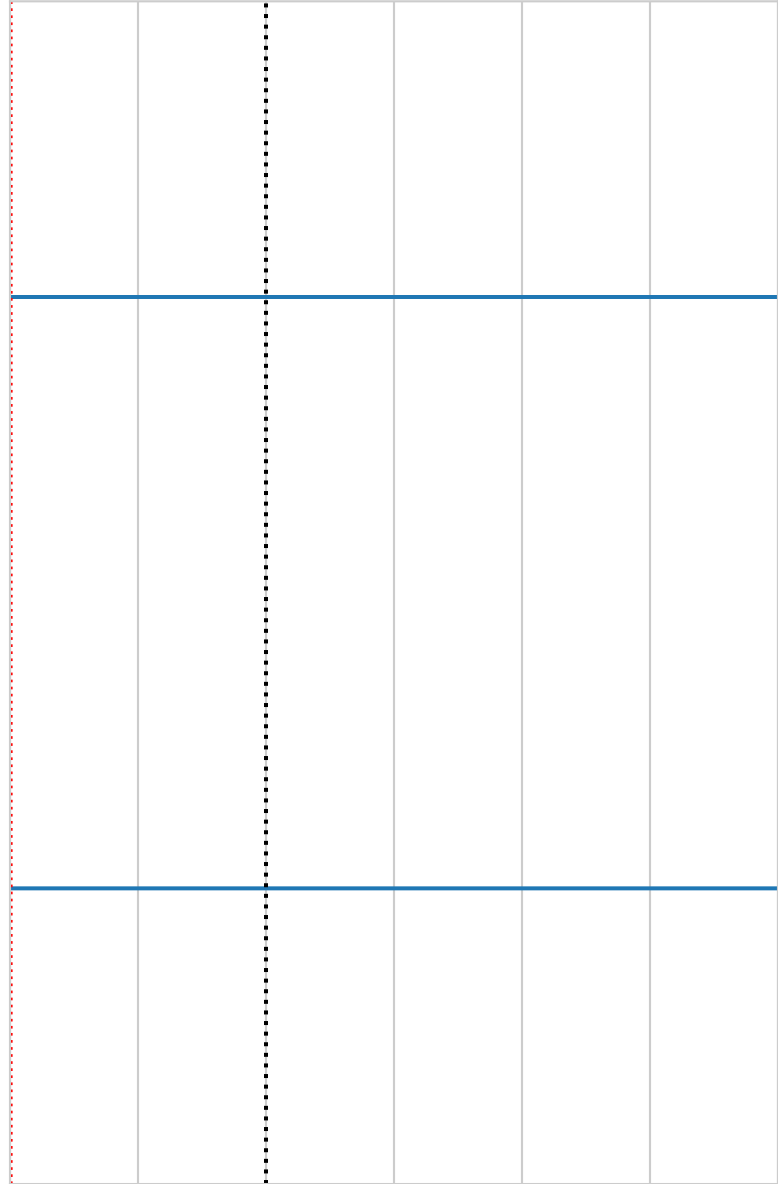
Clust method: average

Min cov: 0.1

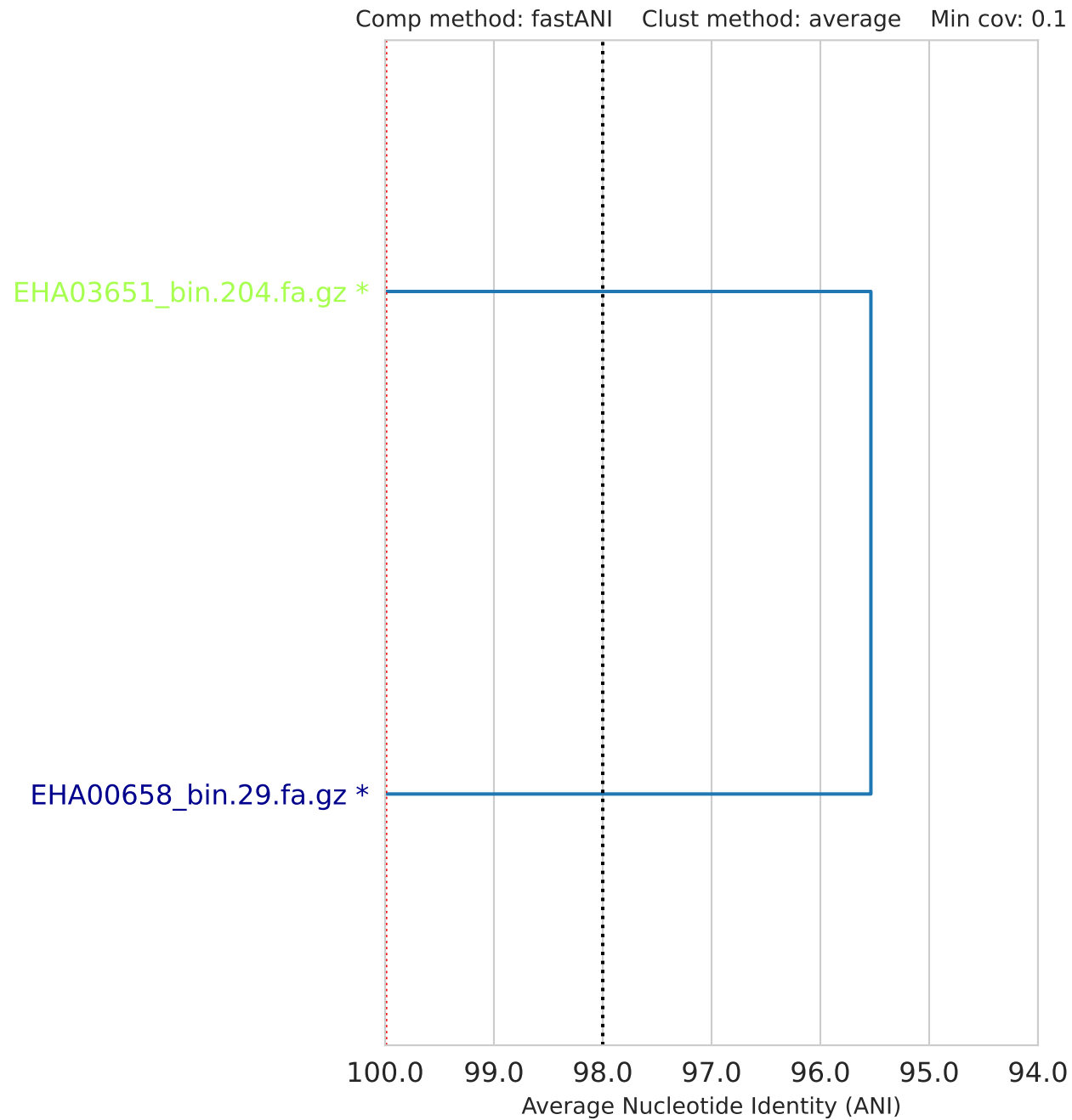
EHA00675\_bin.11.fa.gz \*

EHA00648\_bin.9.fa.gz \*

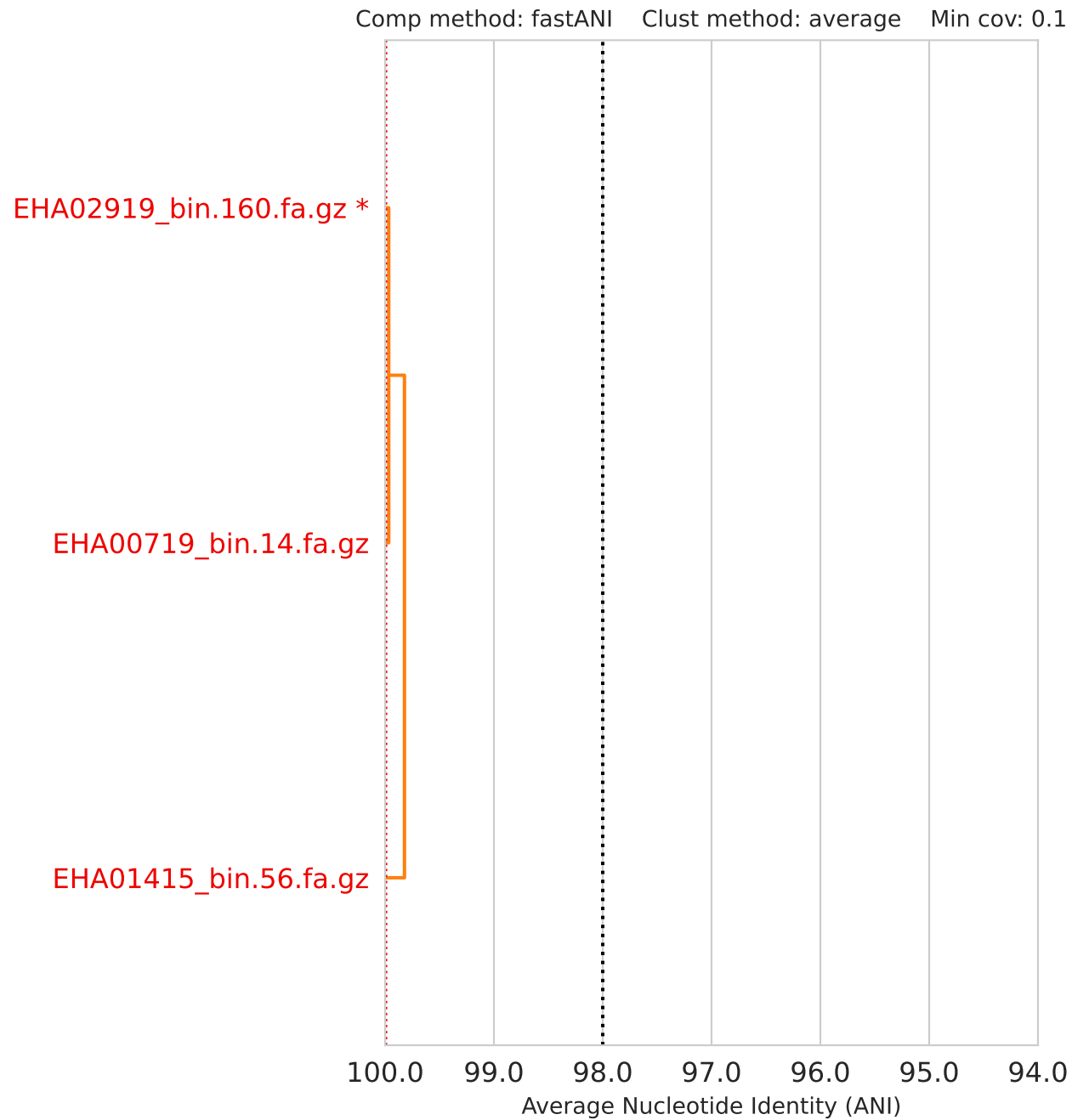
100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



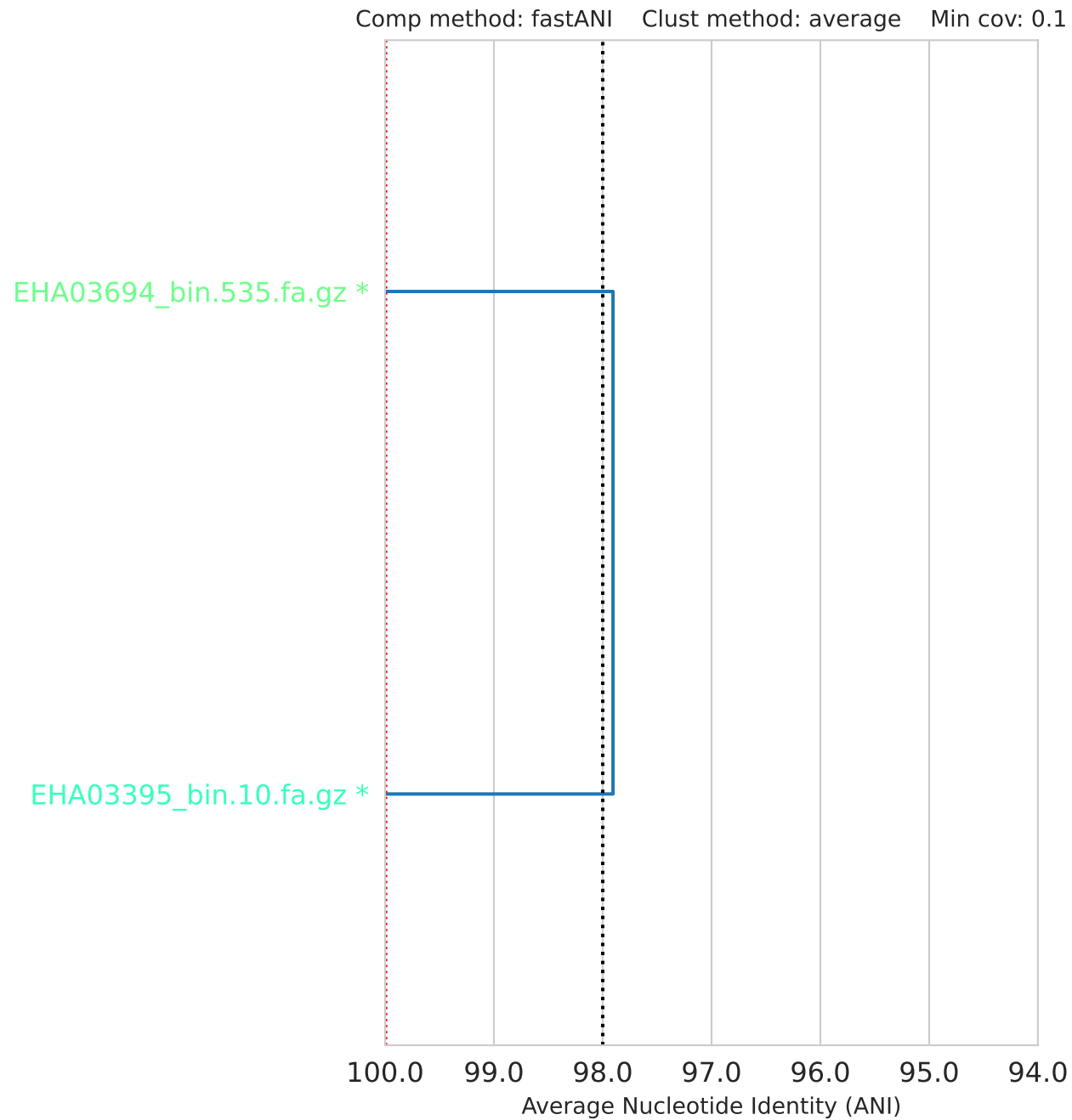
# Primary cluster 60



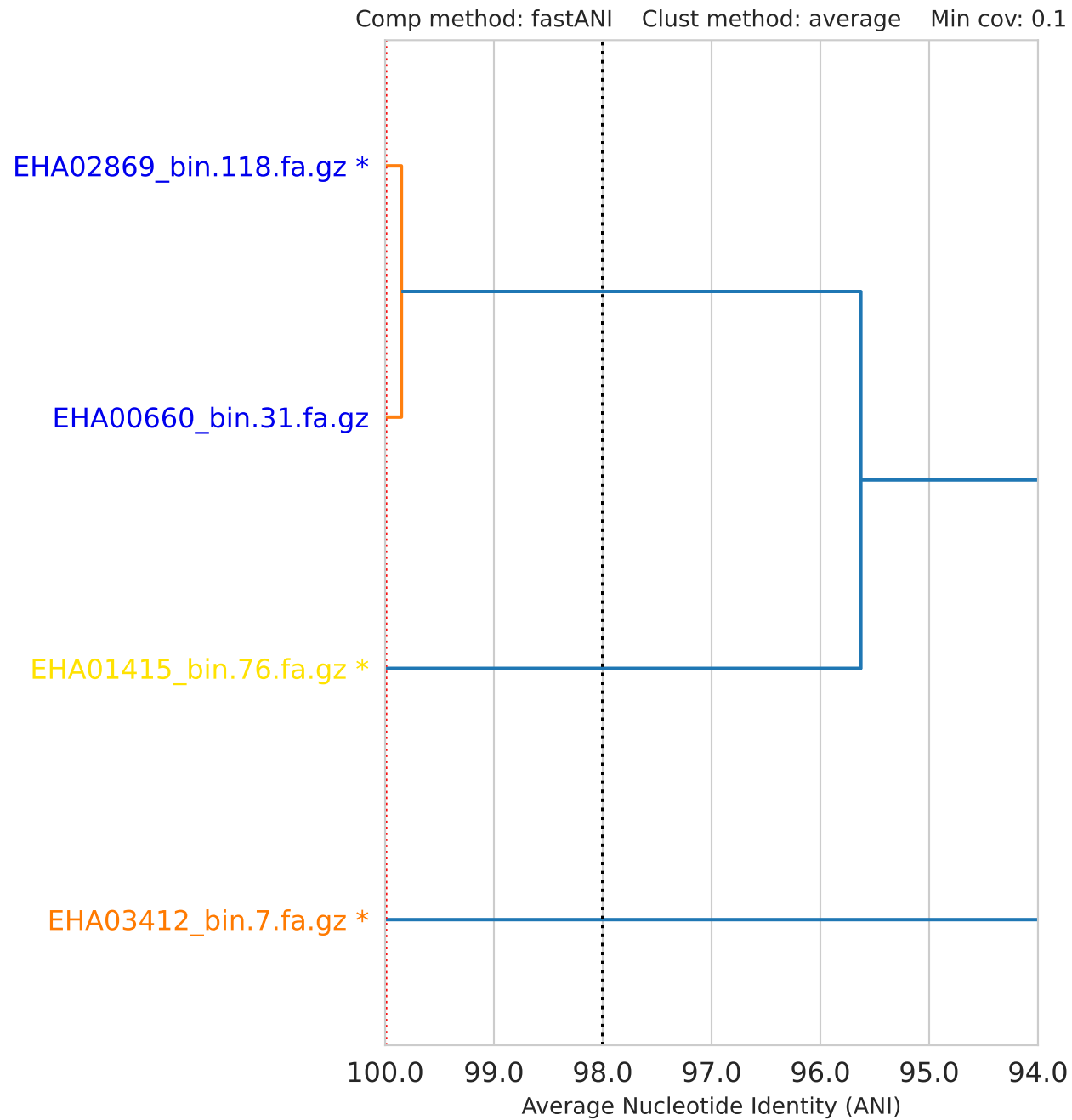
# Primary cluster 64



# Primary cluster 67

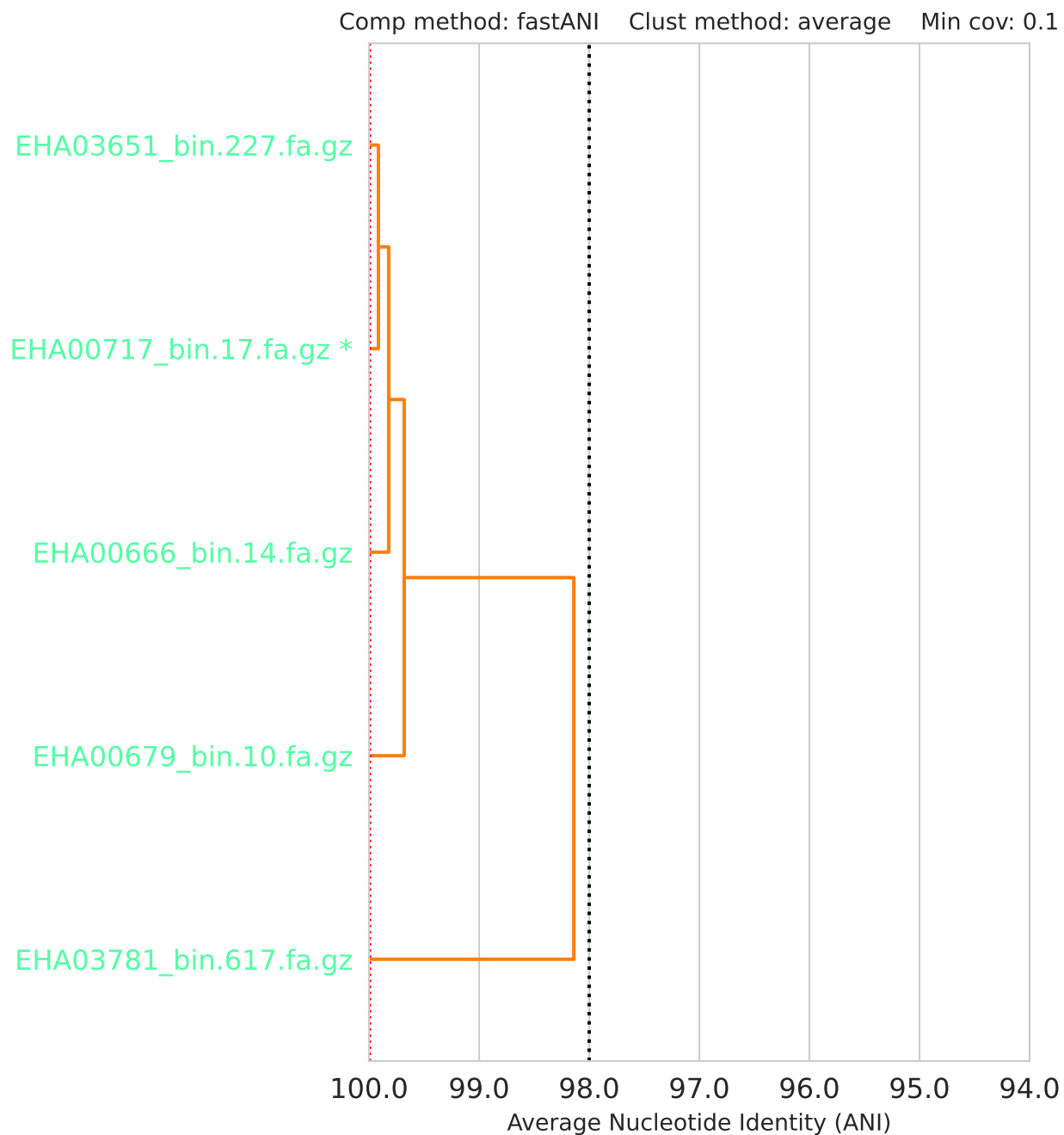


# Primary cluster 68

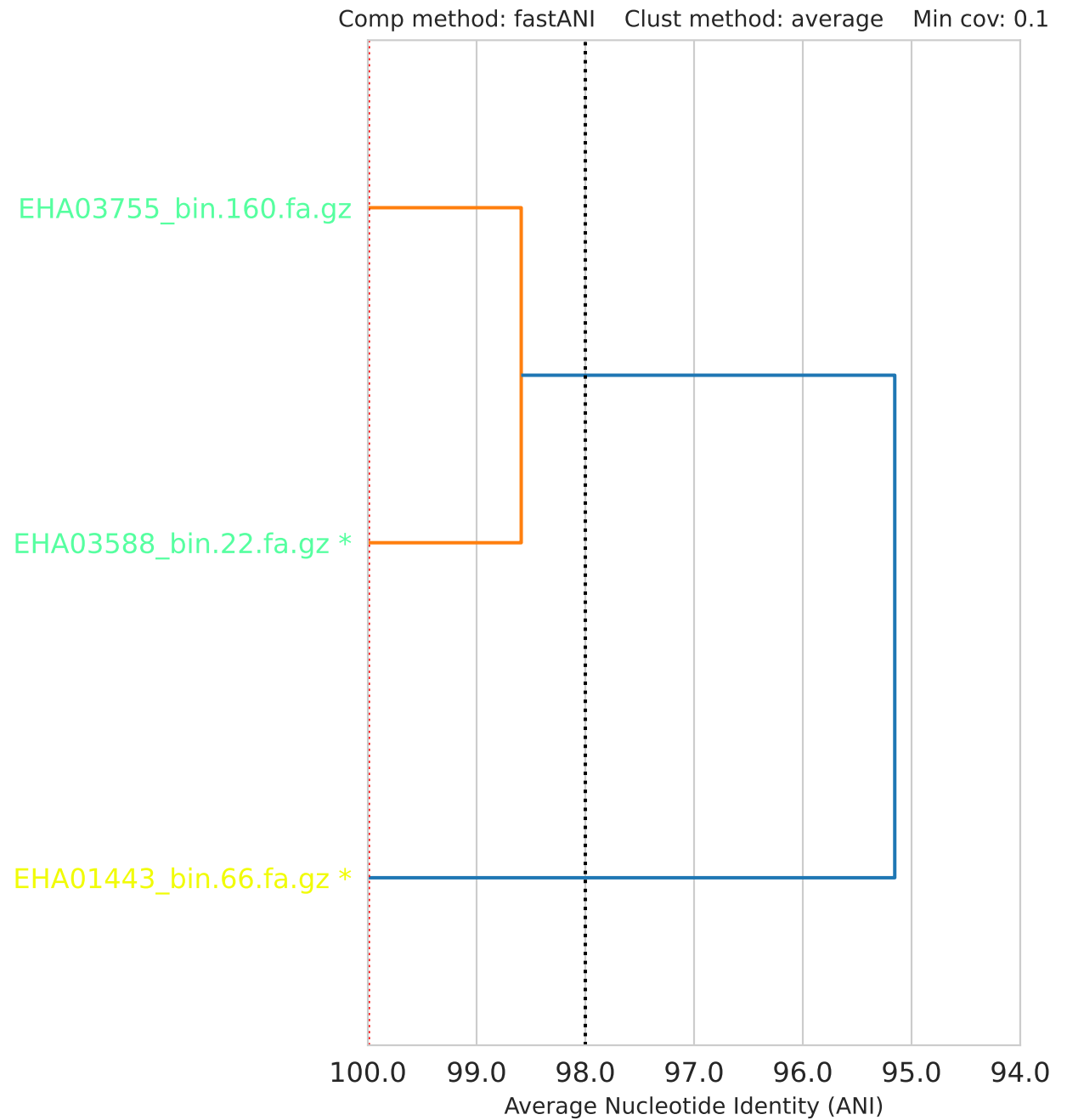




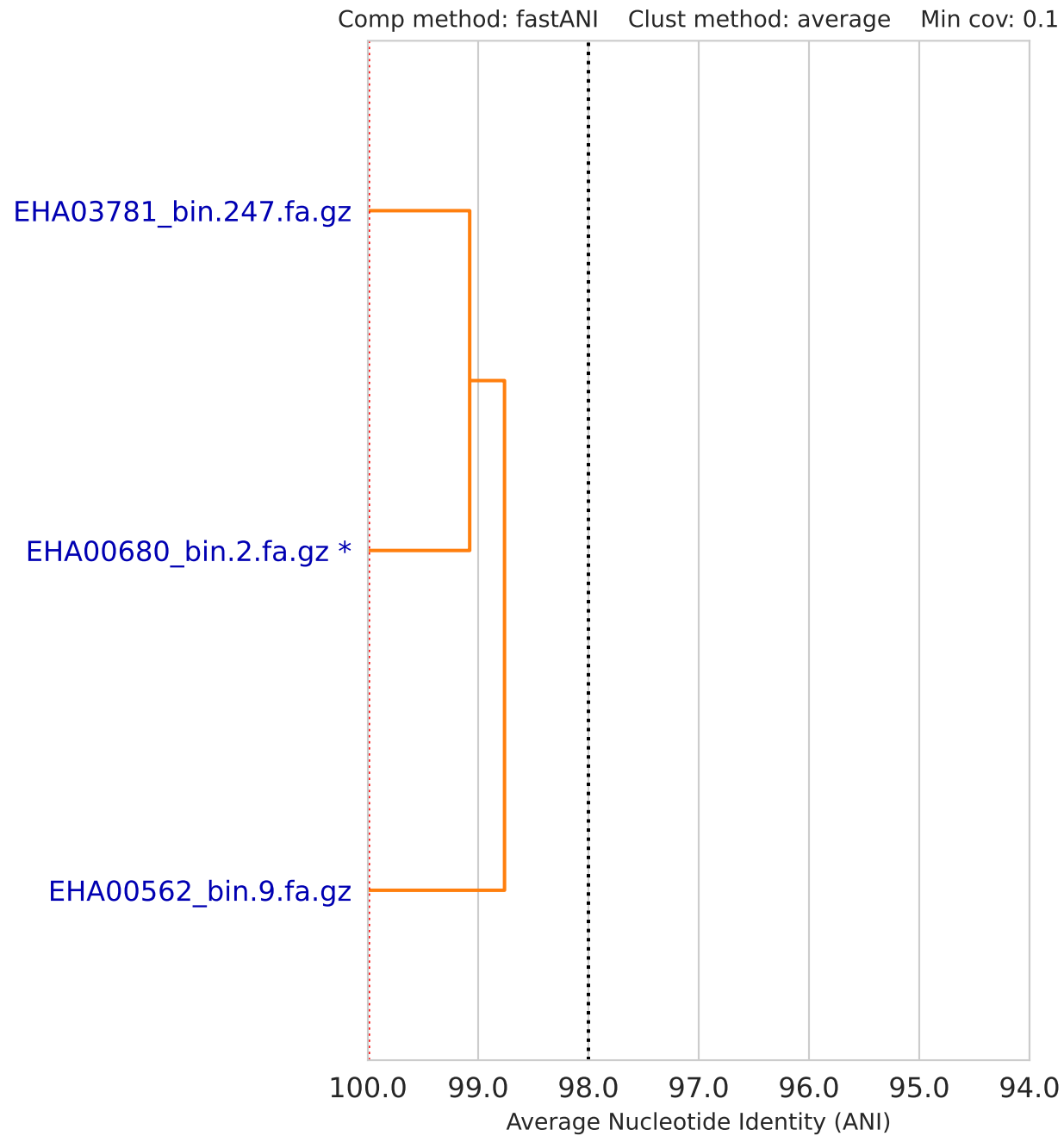
# Primary cluster 69



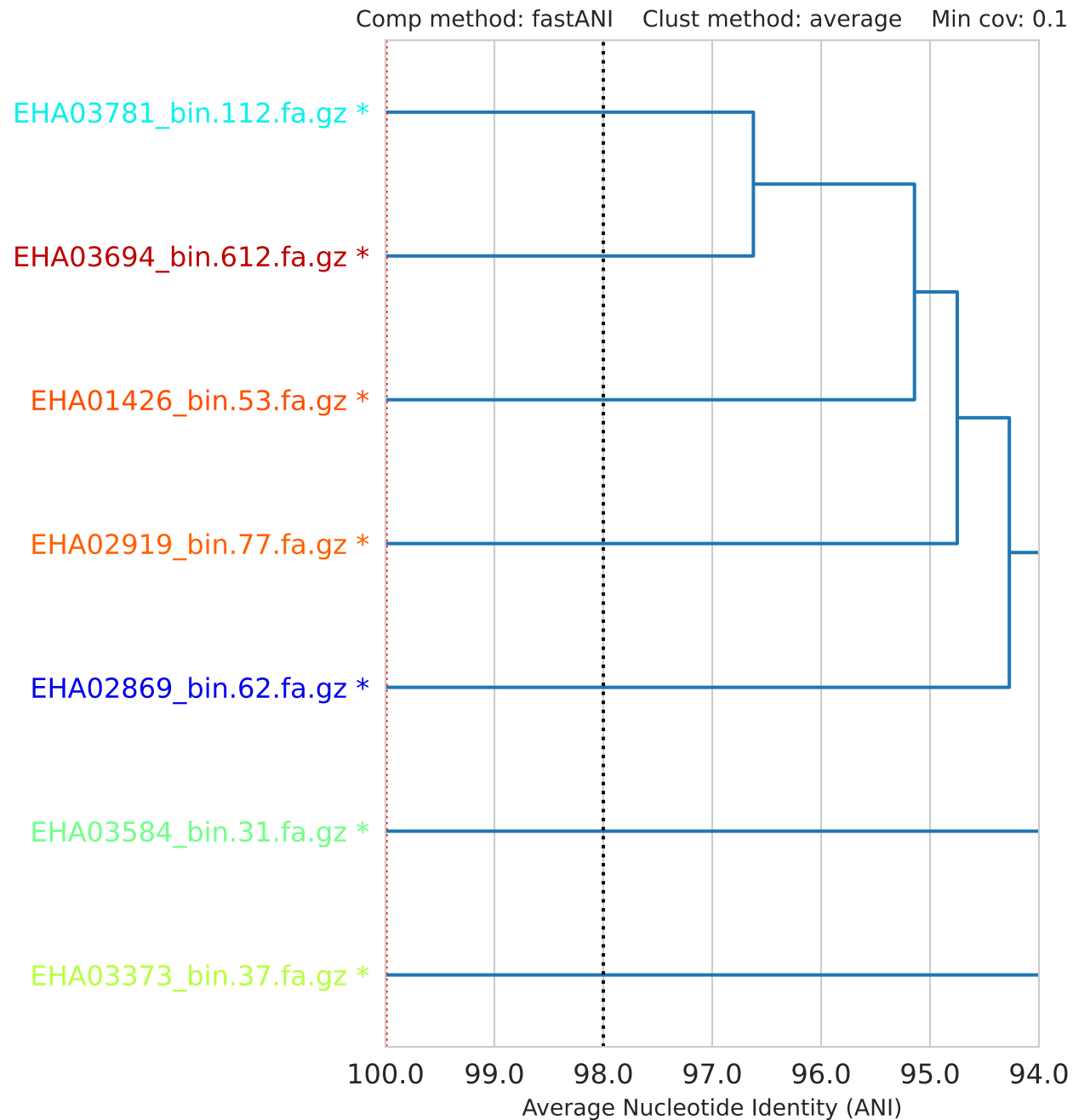
# Primary cluster 70



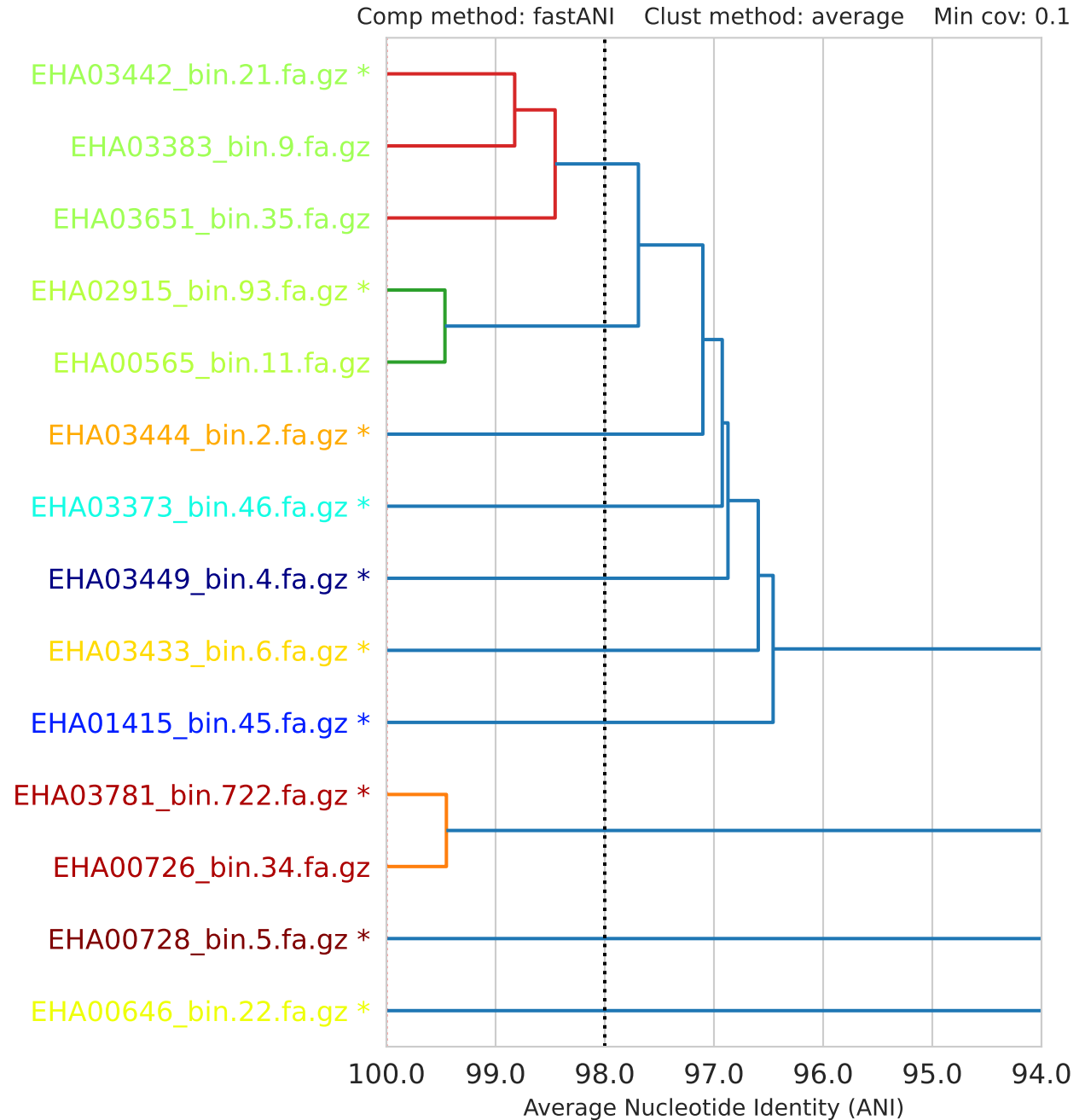
# Primary cluster 71



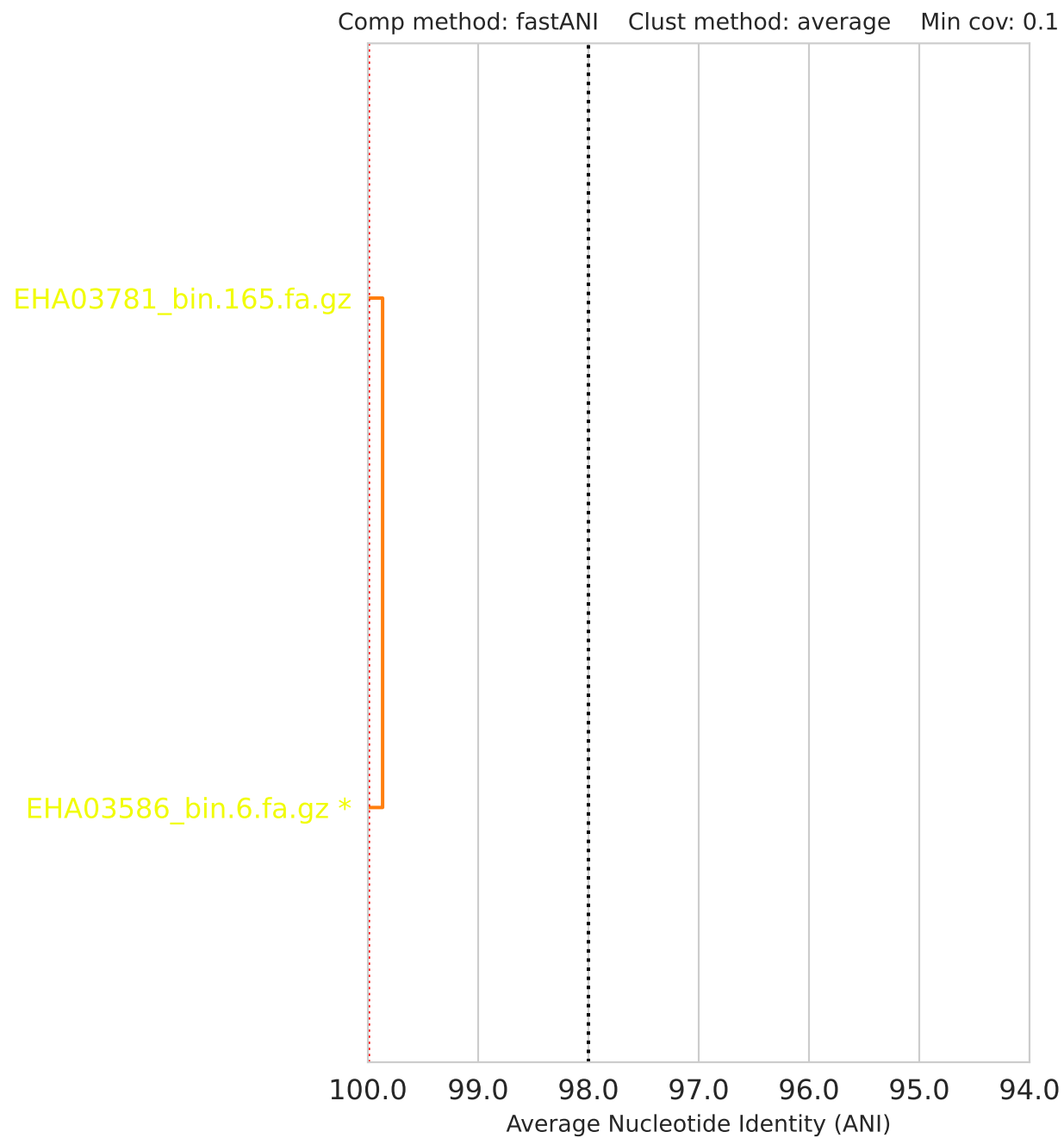
# Primary cluster 72



# Primary cluster 73



# Primary cluster 74



# Primary cluster 75

Comp method: fastANI

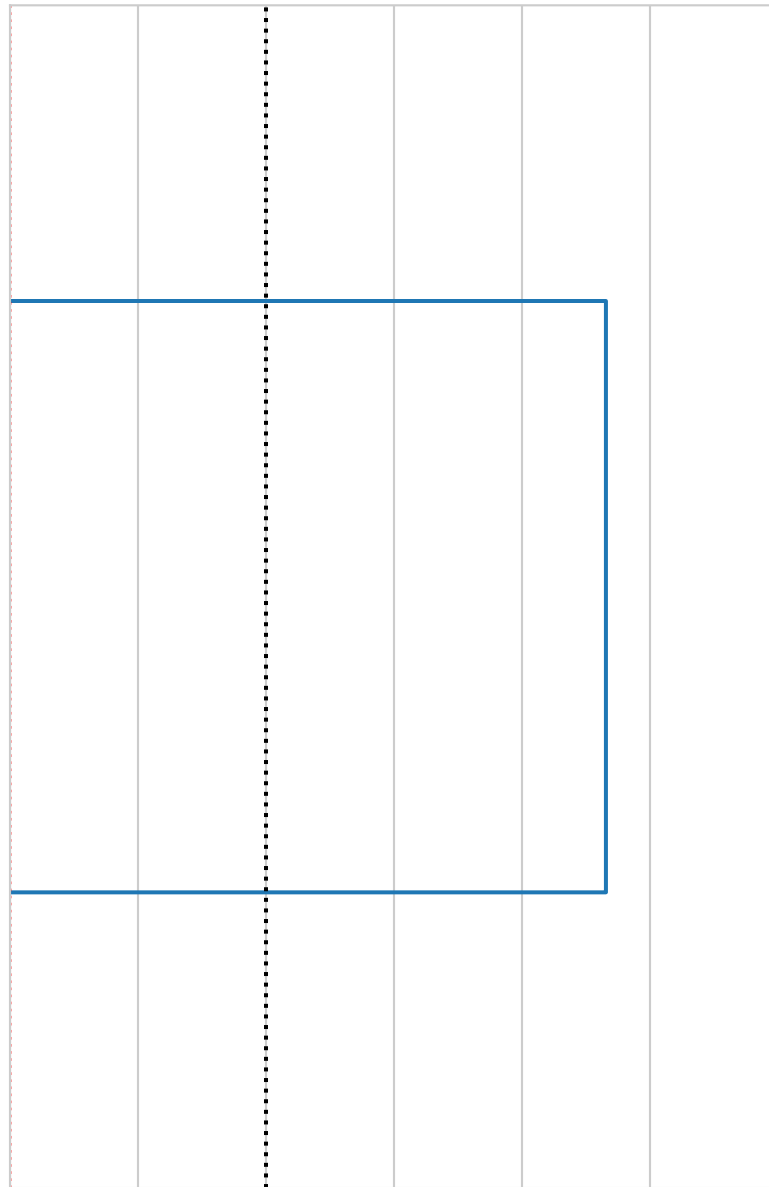
Clust method: average

Min cov: 0.1

EHA03755\_bin.161.fa.gz \*

EHA03651\_bin.428.fa.gz \*

100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



# Primary cluster 76

Comp method: fastANI

Clust method: average

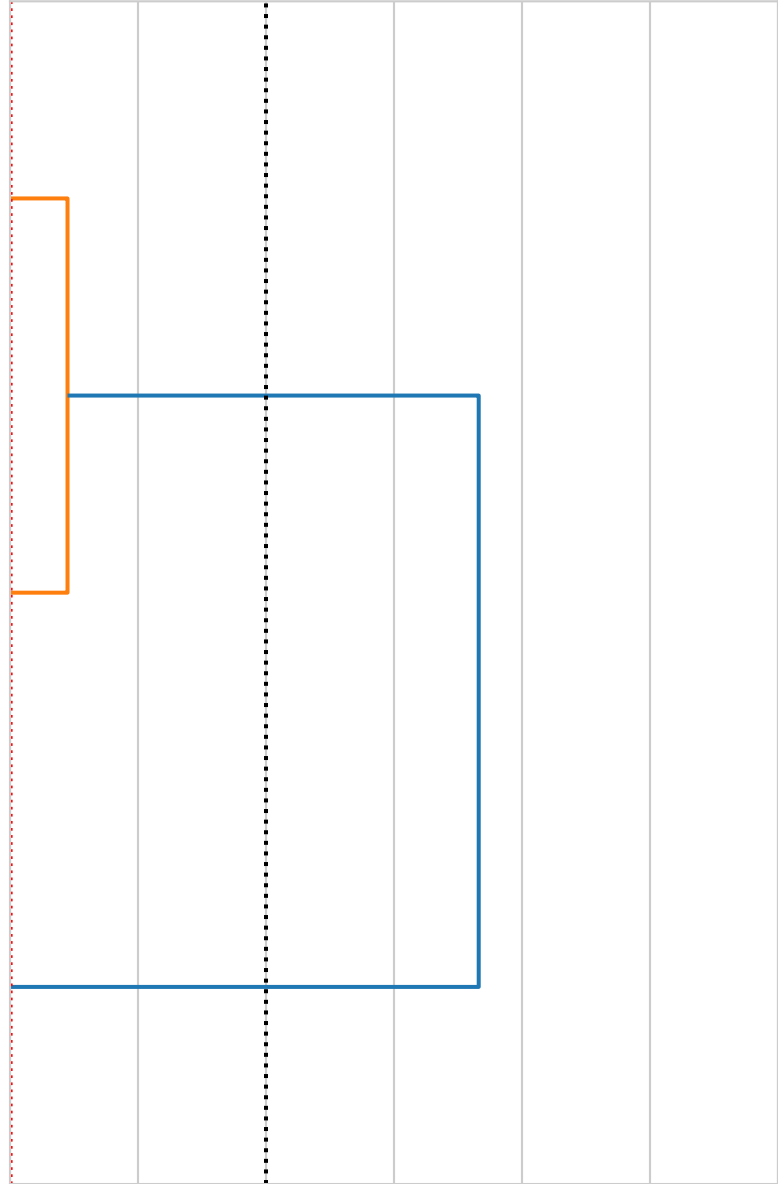
Min cov: 0.1

EHA02919\_bin.127.fa.gz \*

EHA00724\_bin.6.fa.gz

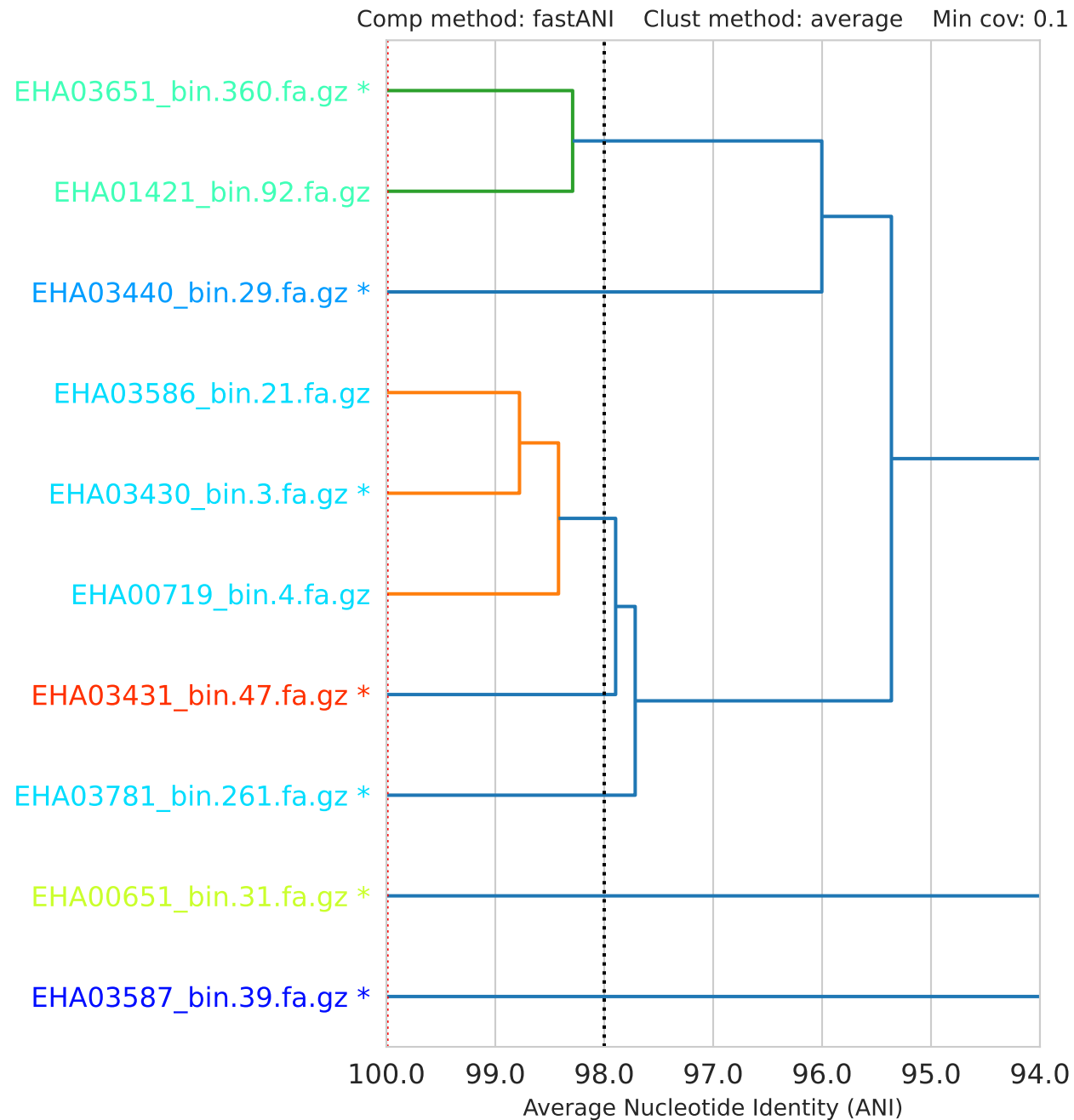
EHA03599\_bin.45.fa.gz \*

100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)

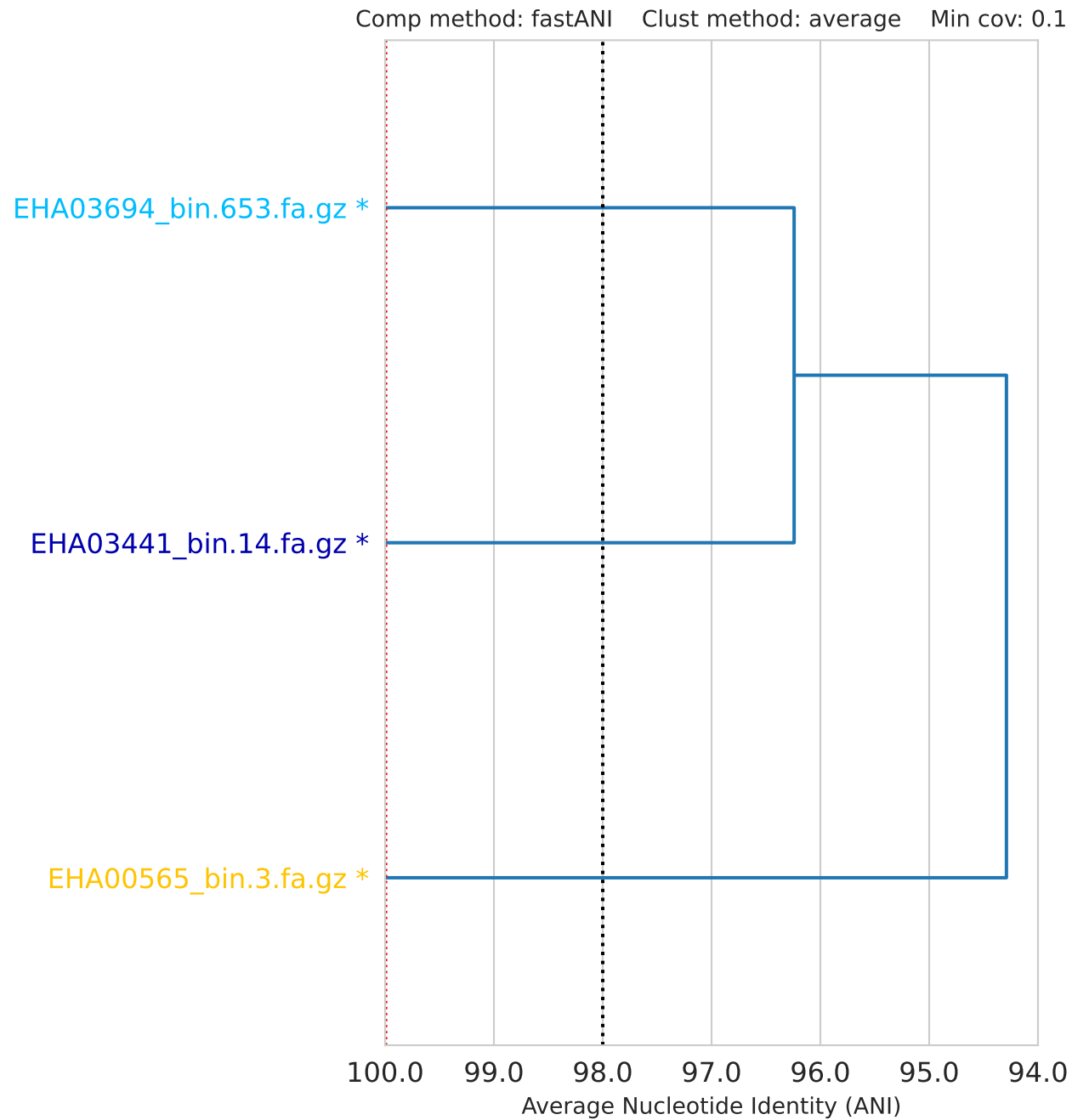




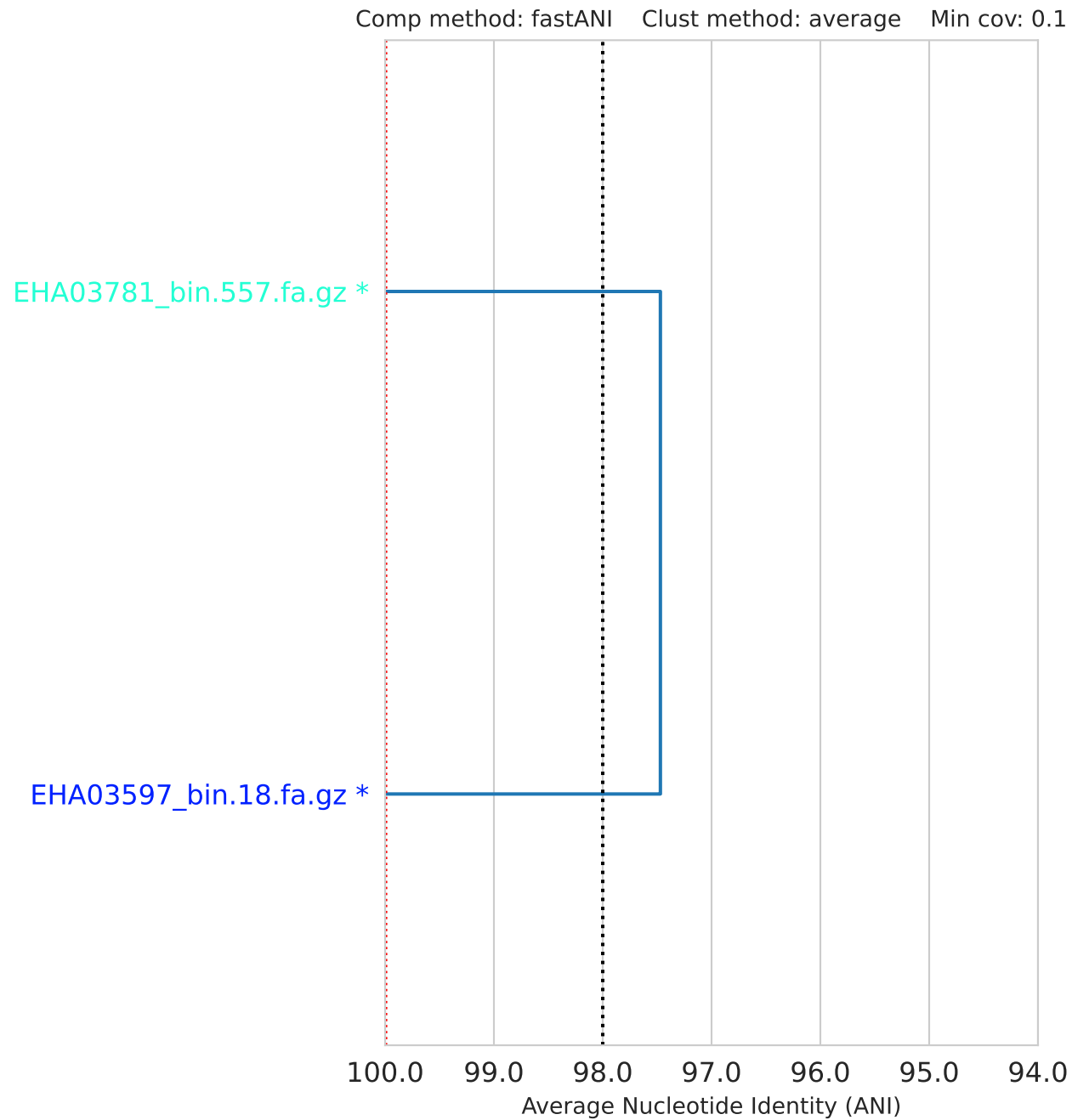
# Primary cluster 77



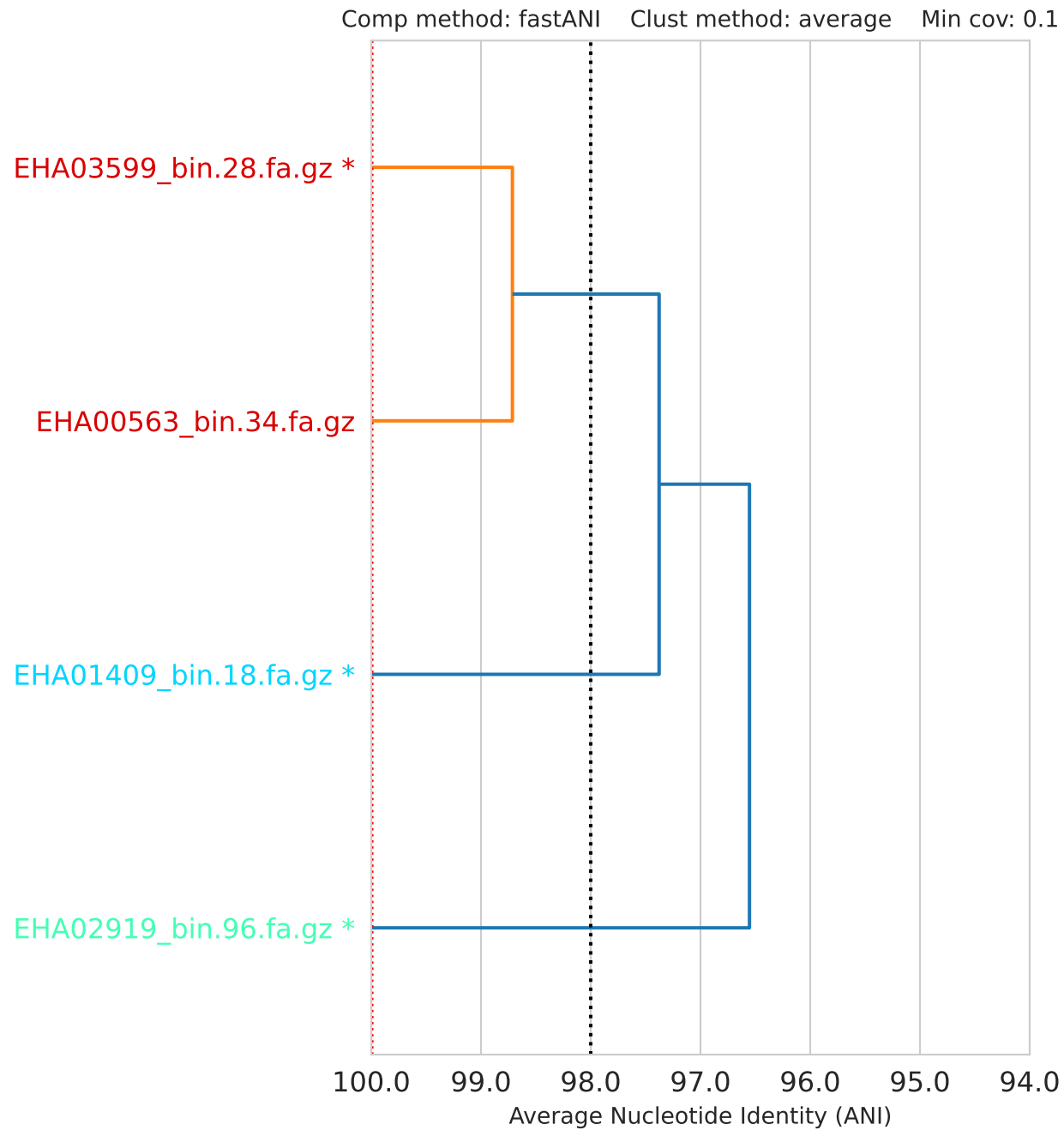
# Primary cluster 81



# Primary cluster 84



# Primary cluster 87



# Primary cluster 91

Comp method: fastANI

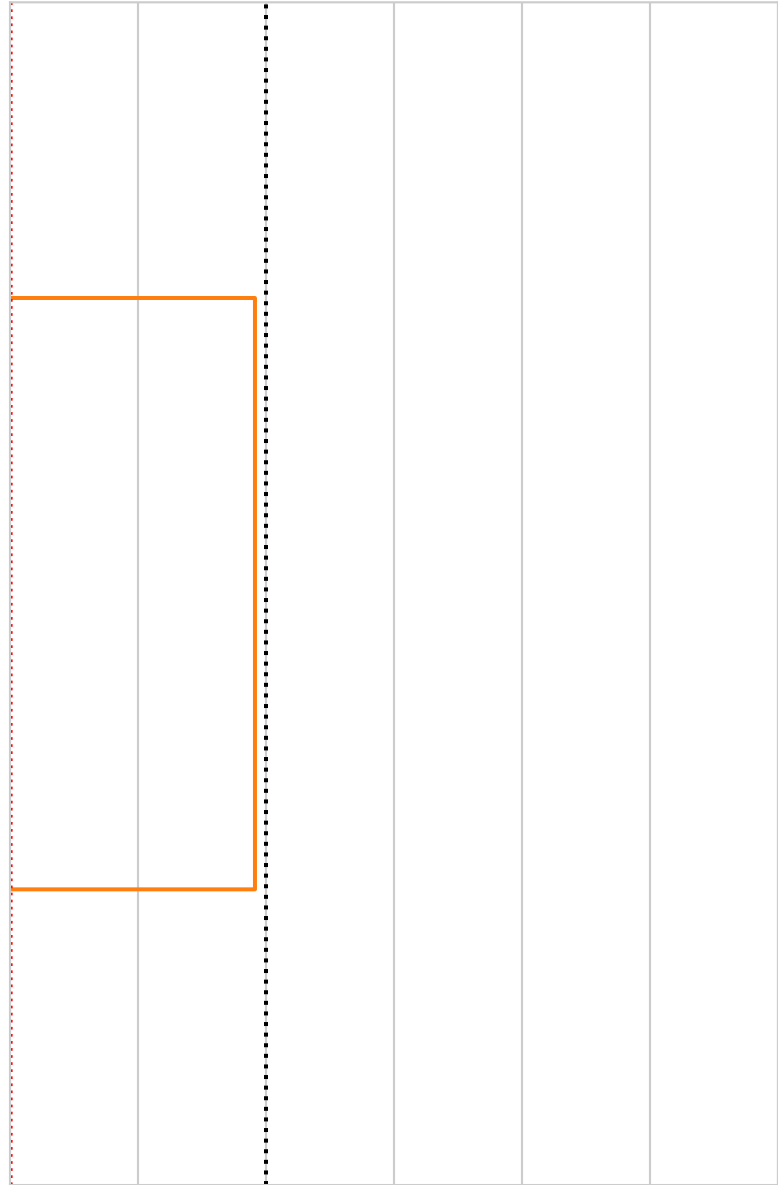
Clust method: average

Min cov: 0.1

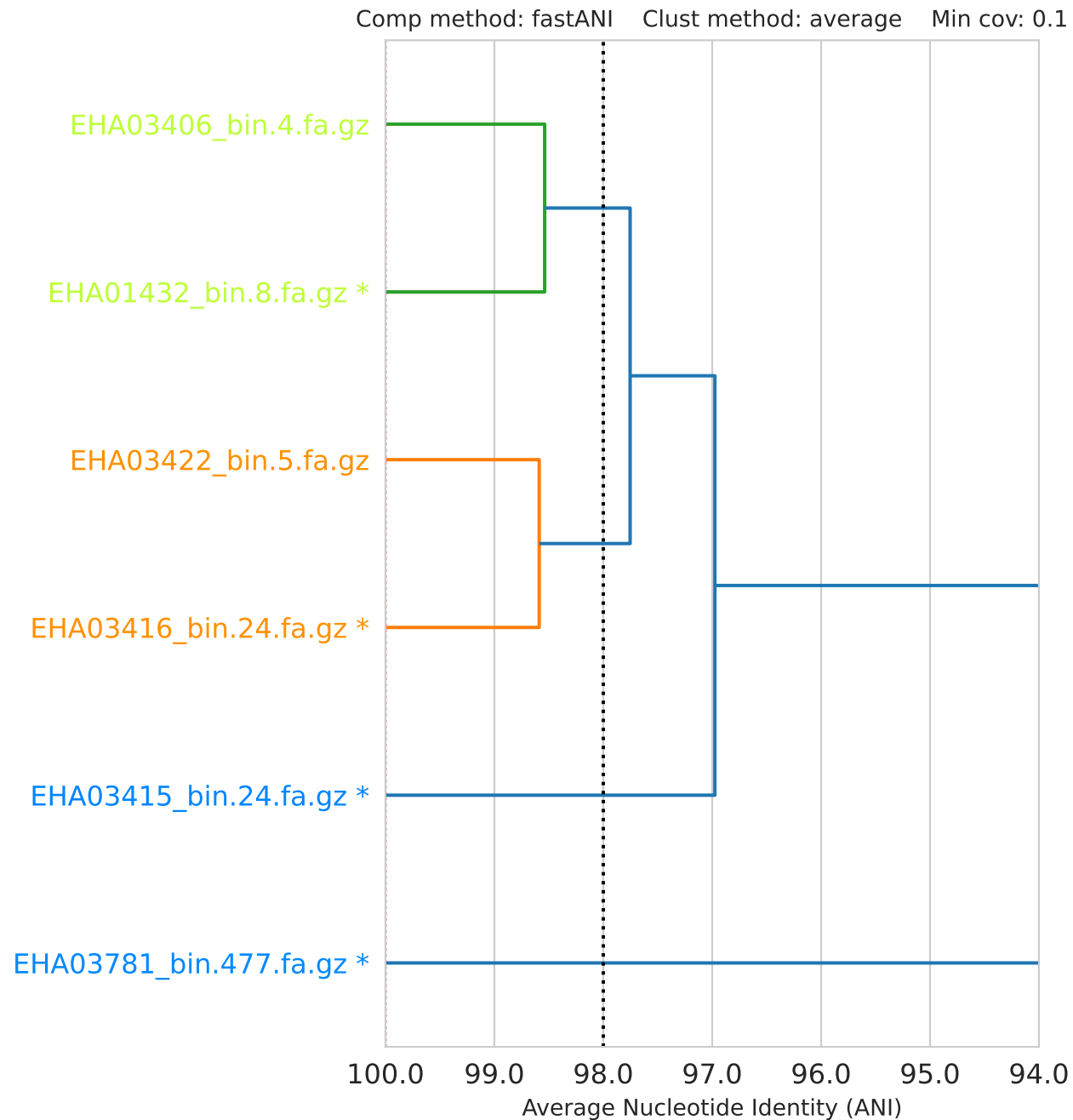
EHA03755\_bin.244.fa.gz \*

EHA03378\_bin.18.fa.gz

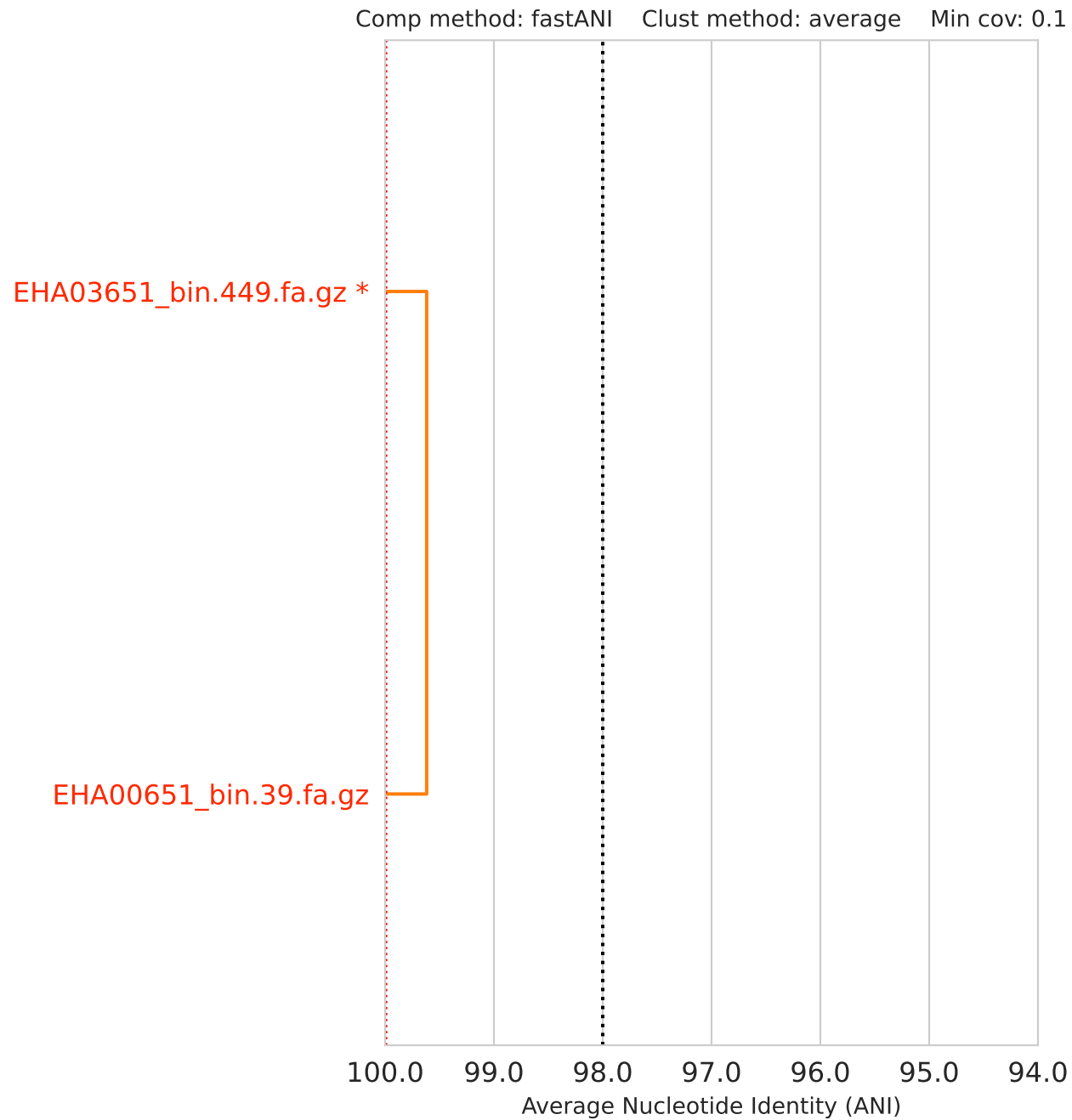
100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



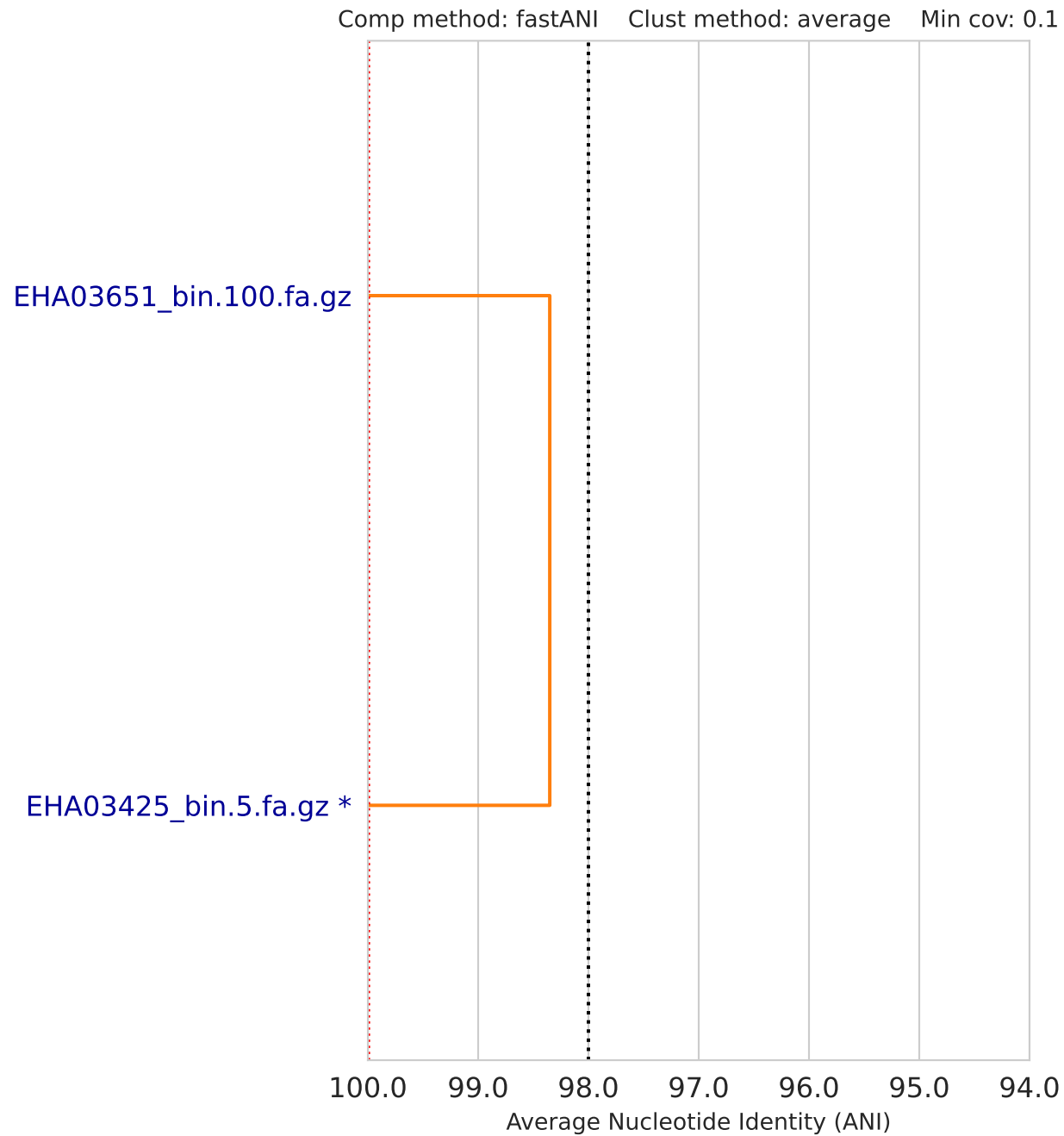
# Primary cluster 93



# Primary cluster 95

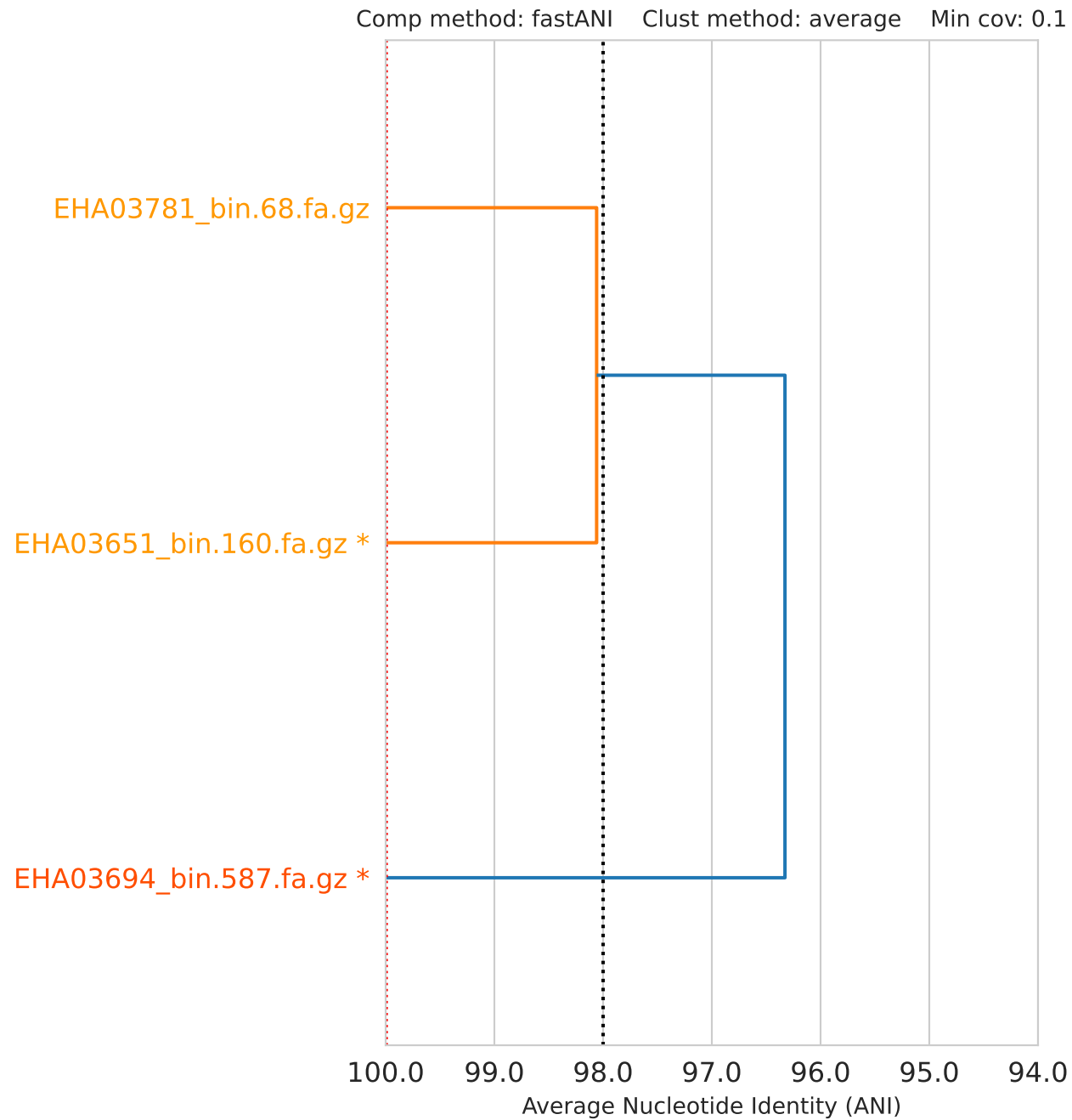


# Primary cluster 96

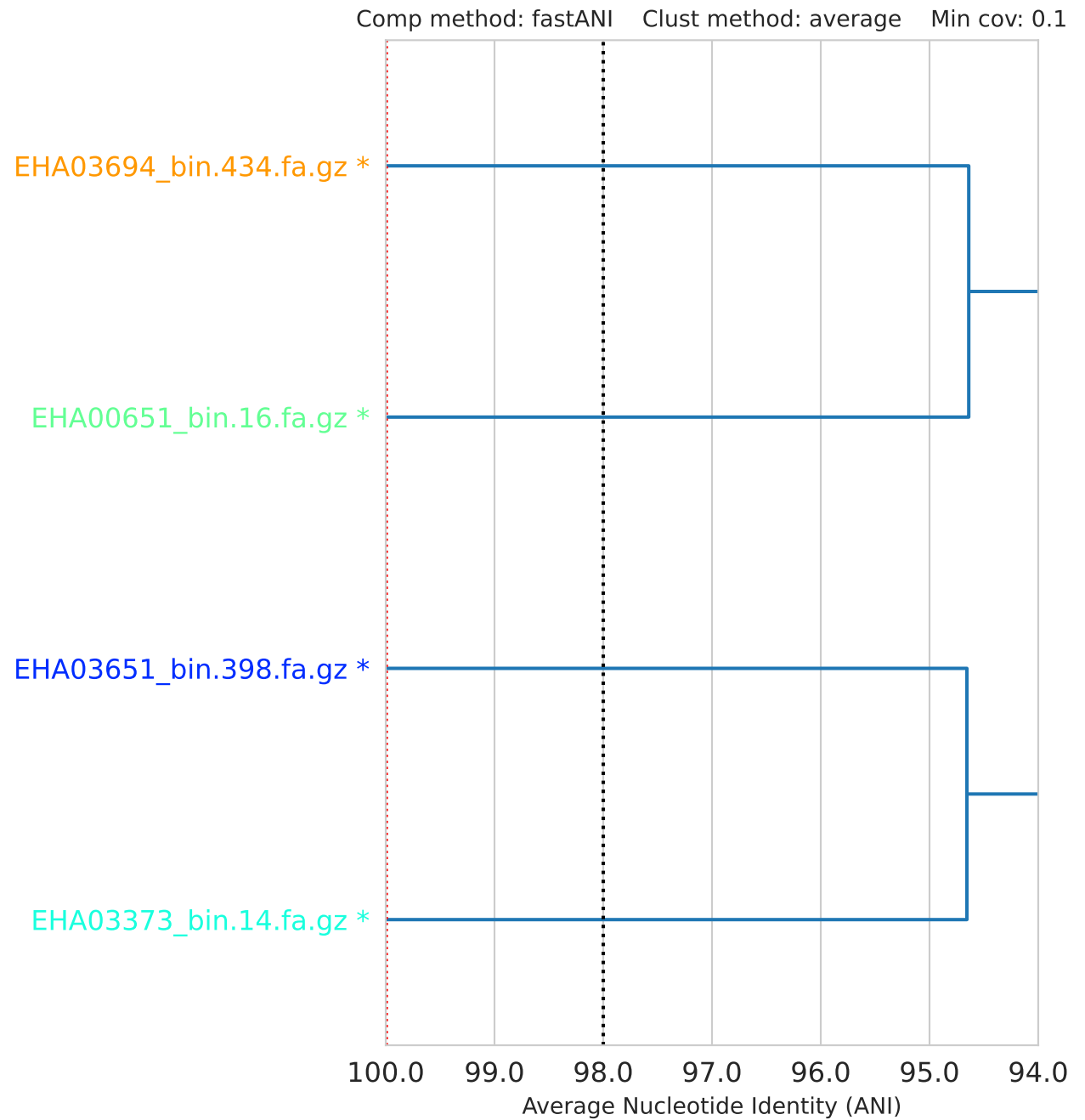




# Primary cluster 97



# Primary cluster 98



# Primary cluster 99

Comp method: fastANI

Clust method: average

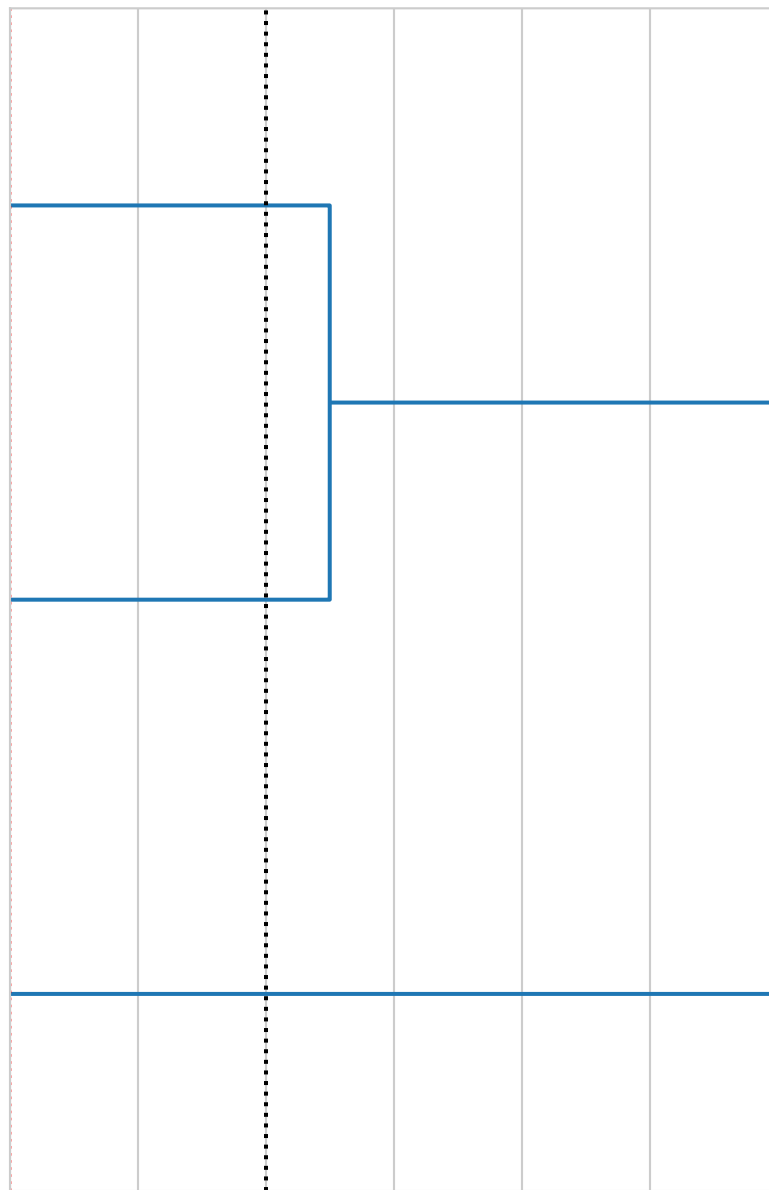
Min cov: 0.1

EHA03781\_bin.211.fa.gz \*

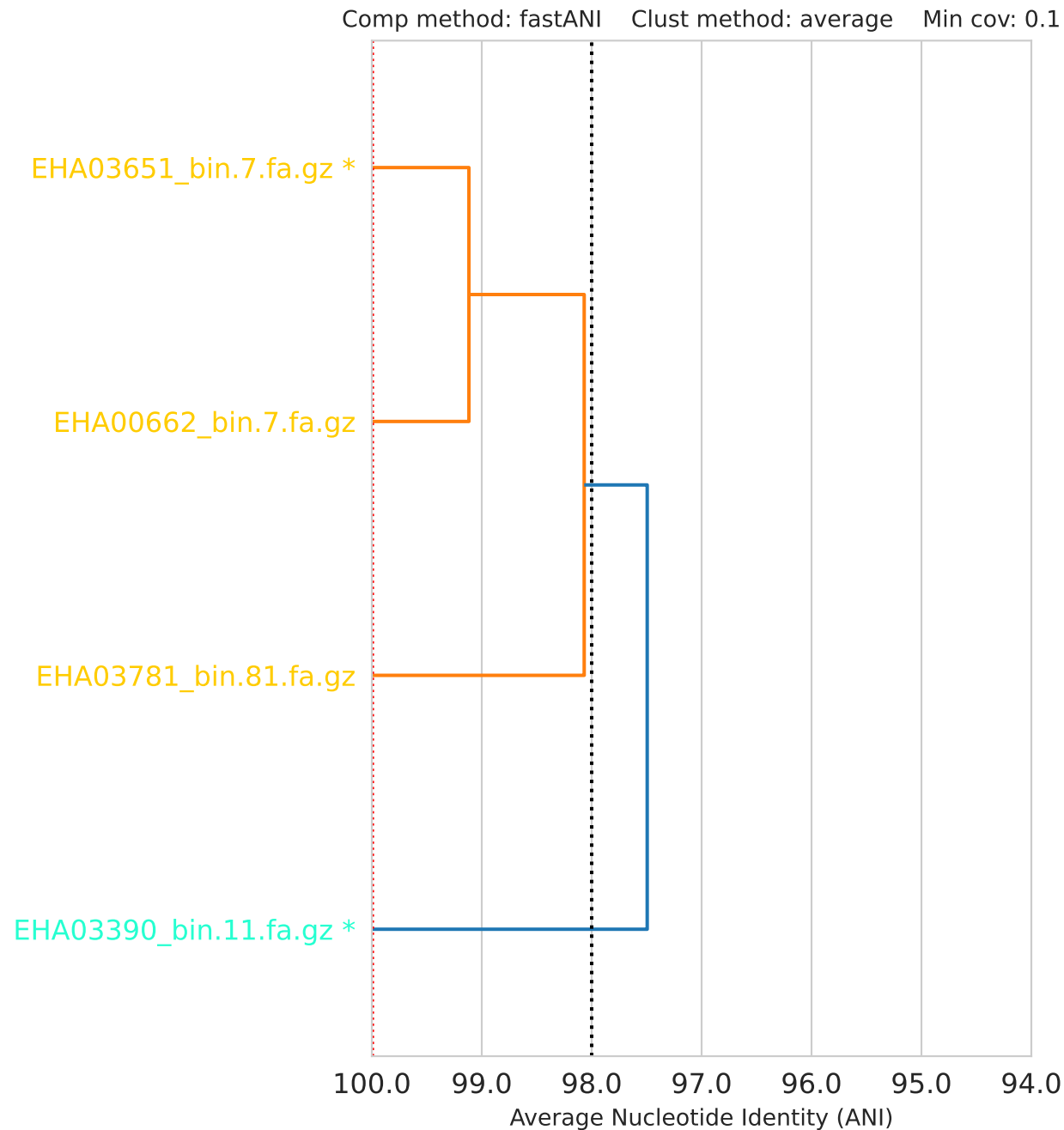
EHA03586\_bin.18.fa.gz \*

EHA03440\_bin.2.fa.gz \*

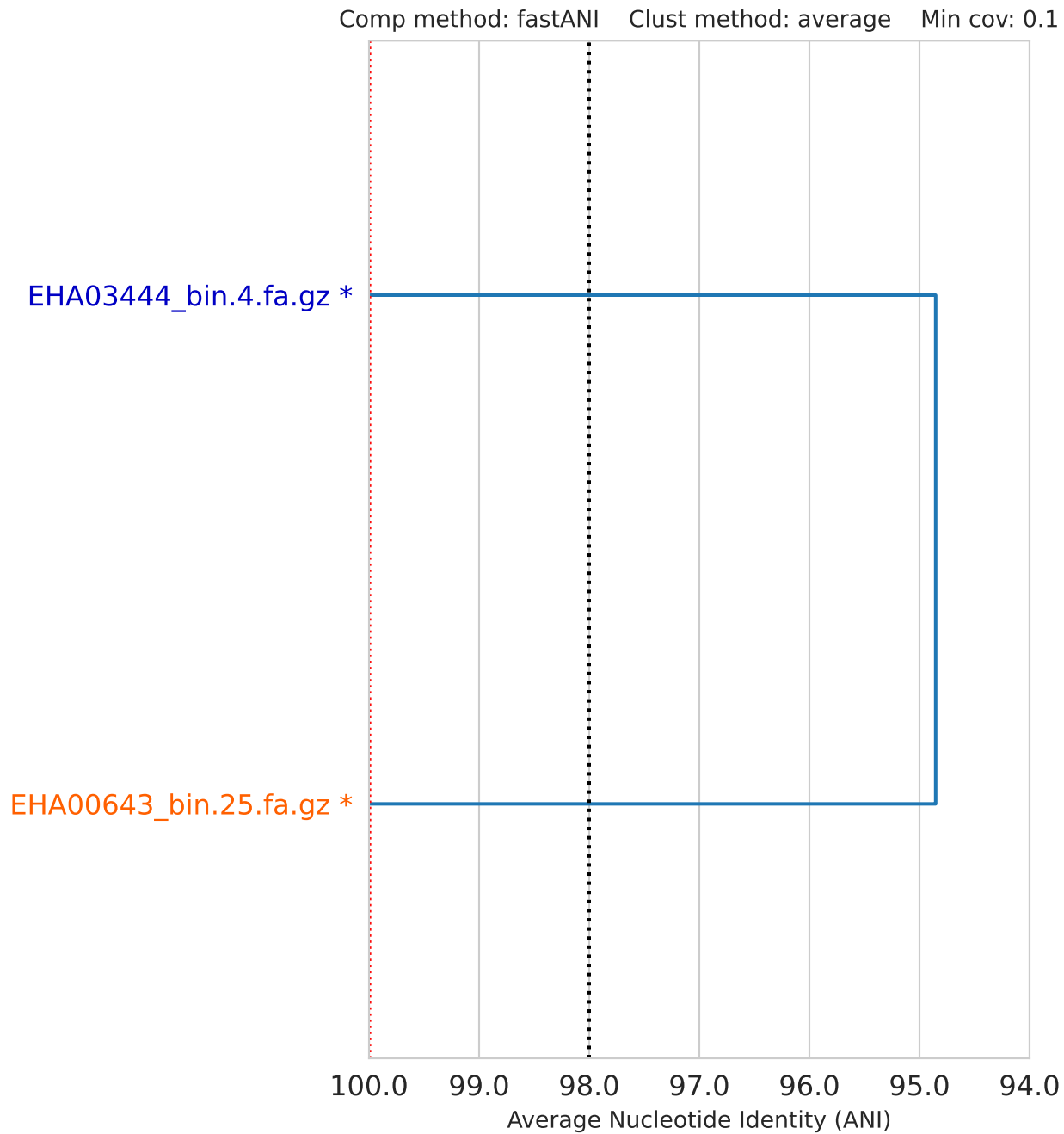
100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



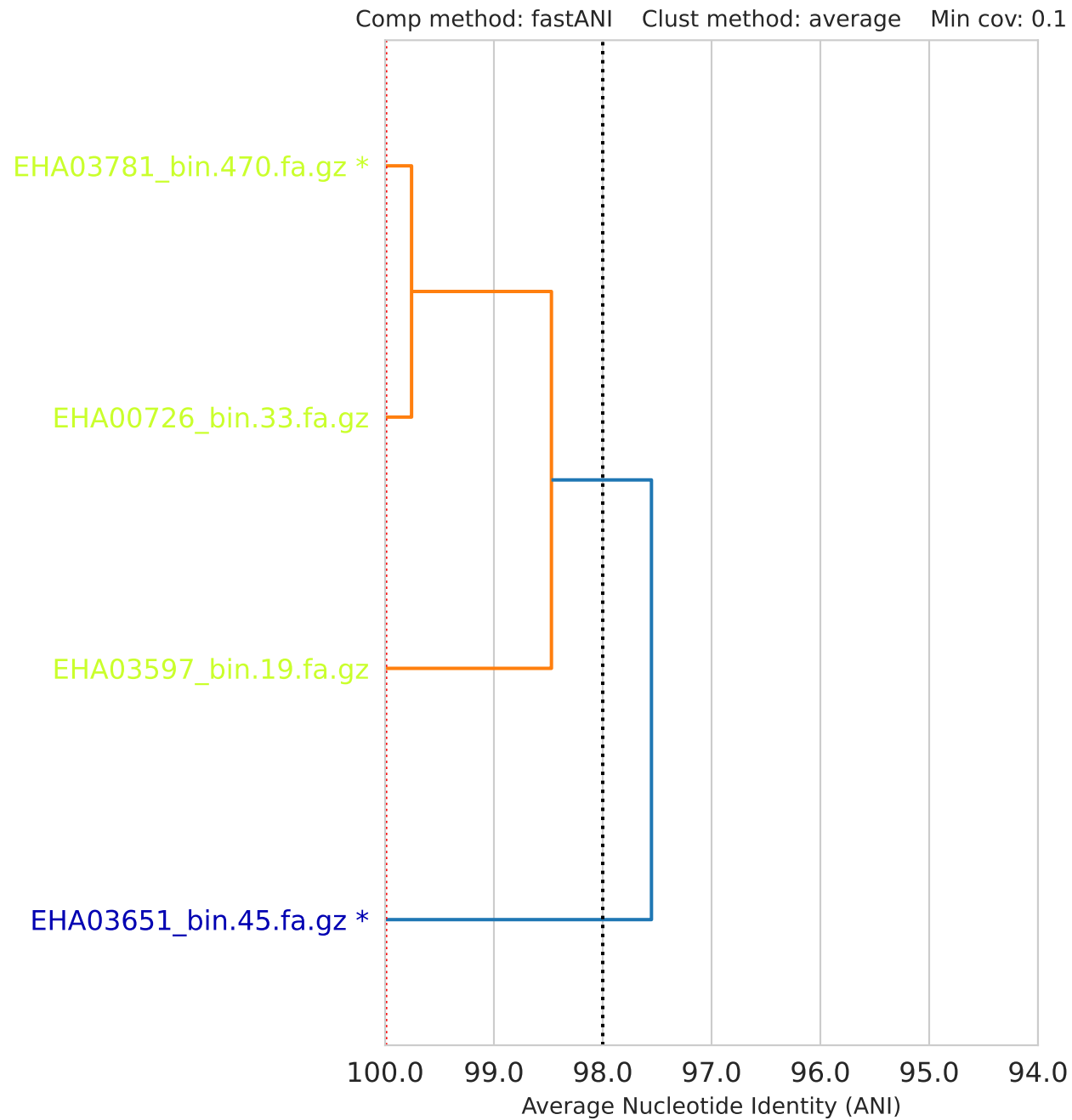
# Primary cluster 100



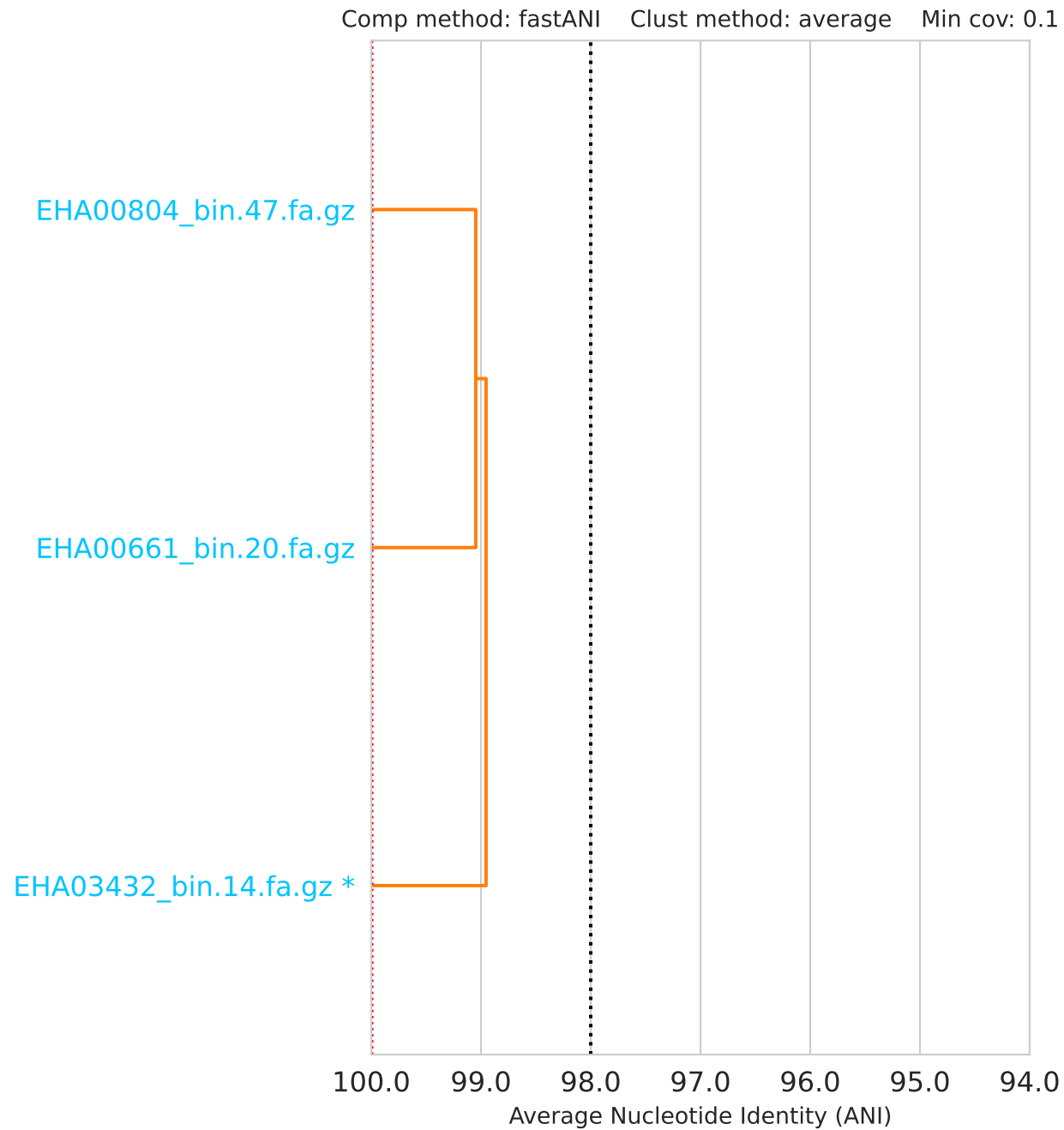
# Primary cluster 103



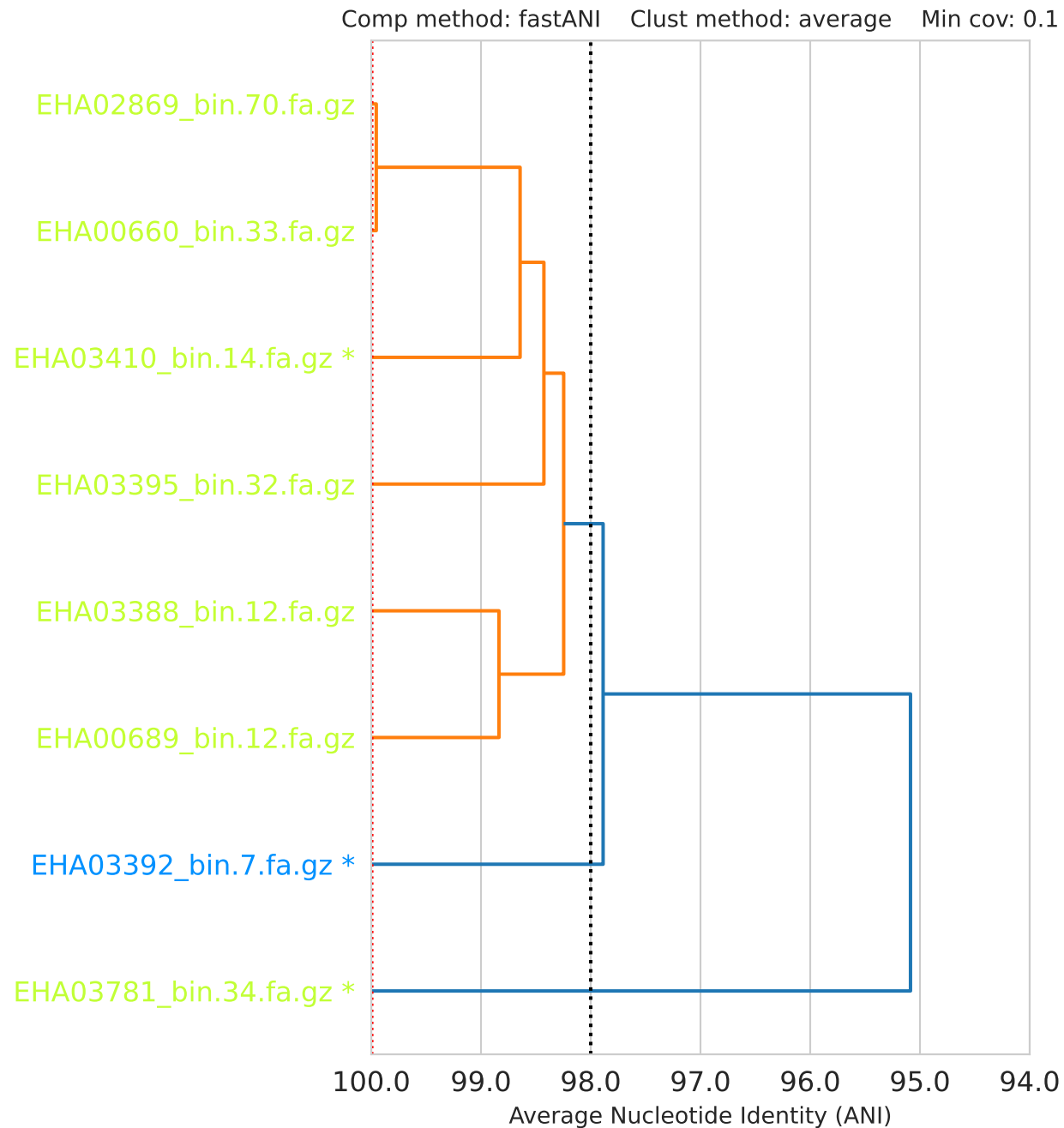
# Primary cluster 104



# Primary cluster 105

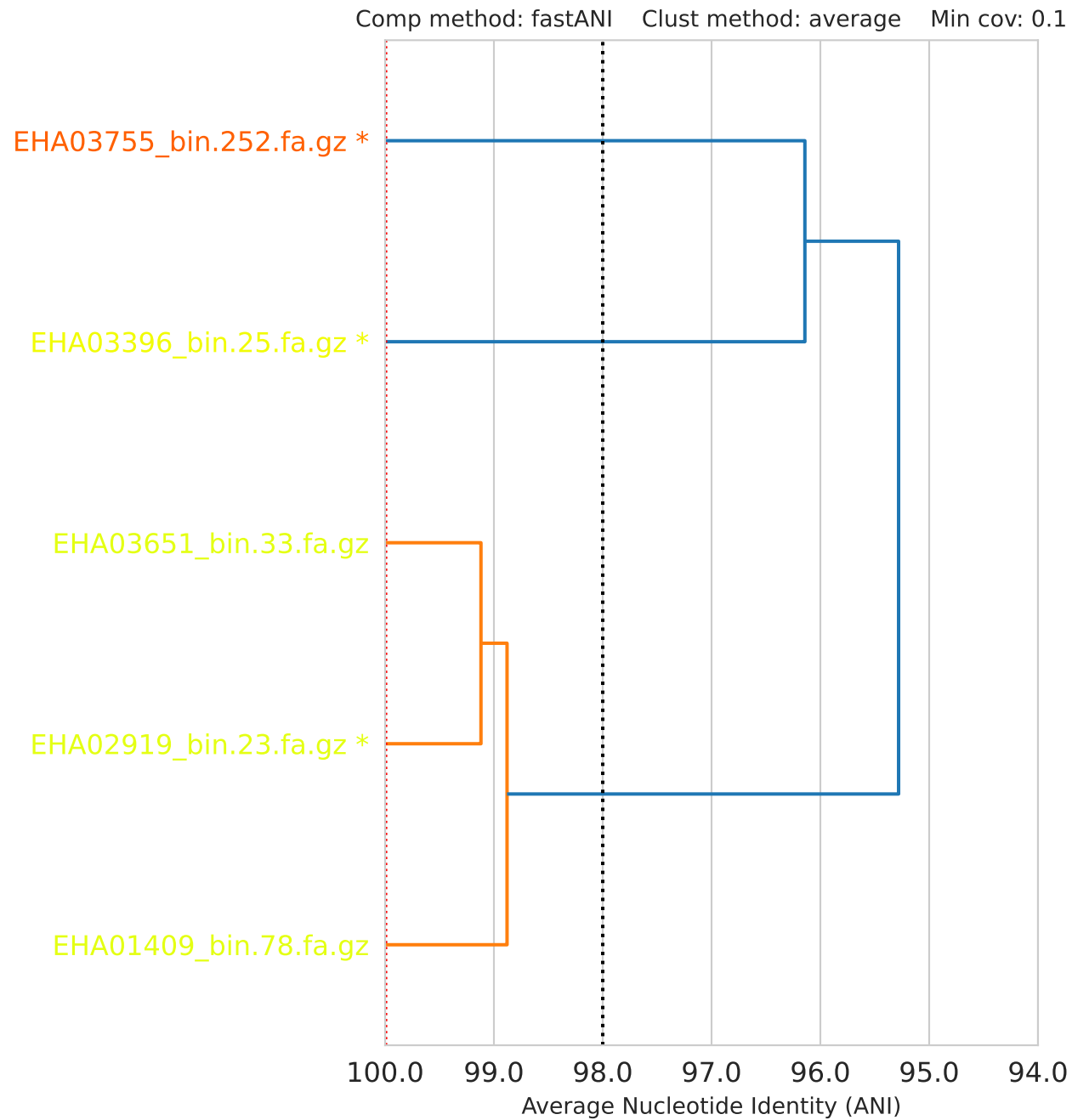


# Primary cluster 106

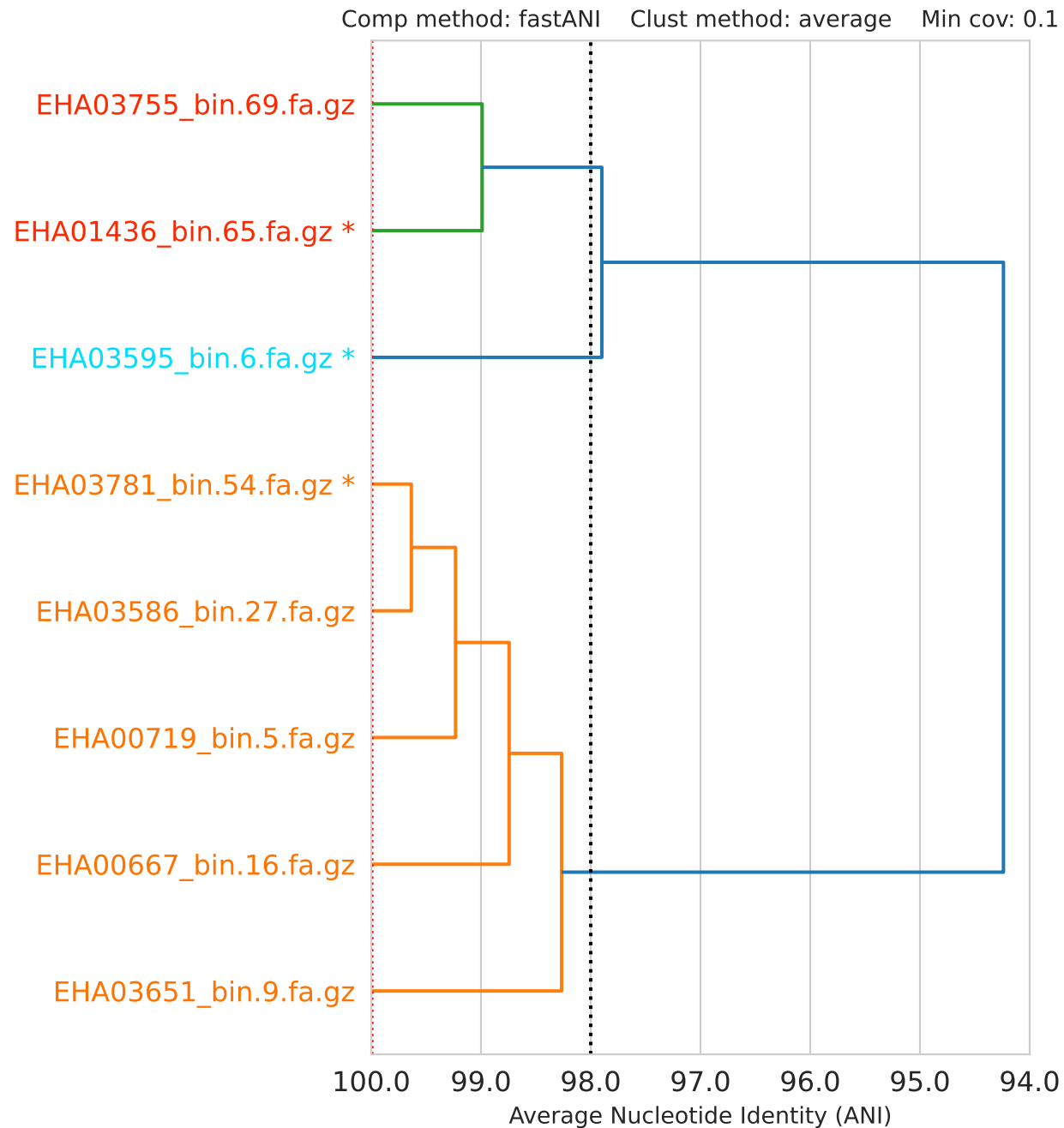




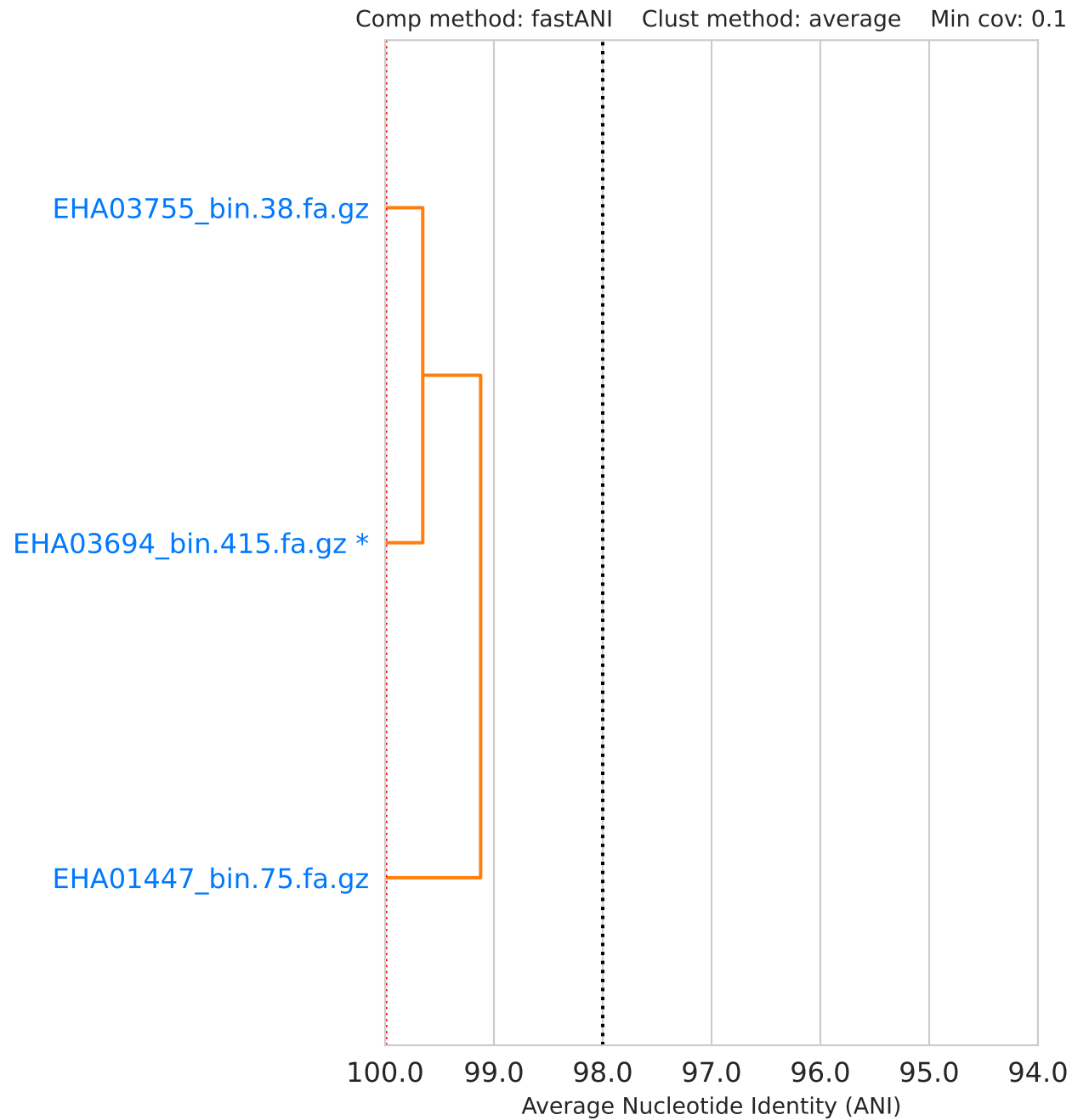
# Primary cluster 107



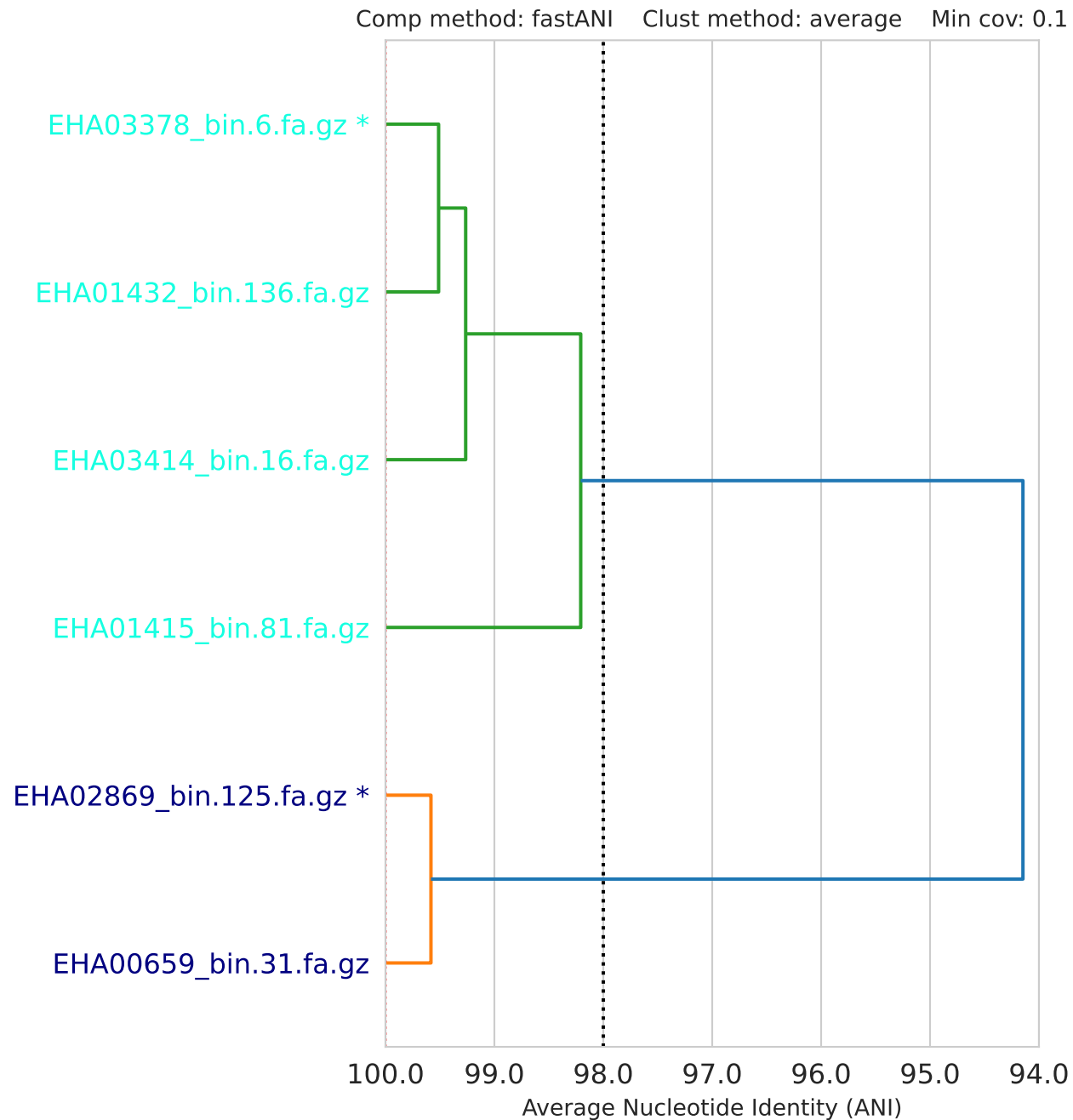
# Primary cluster 108



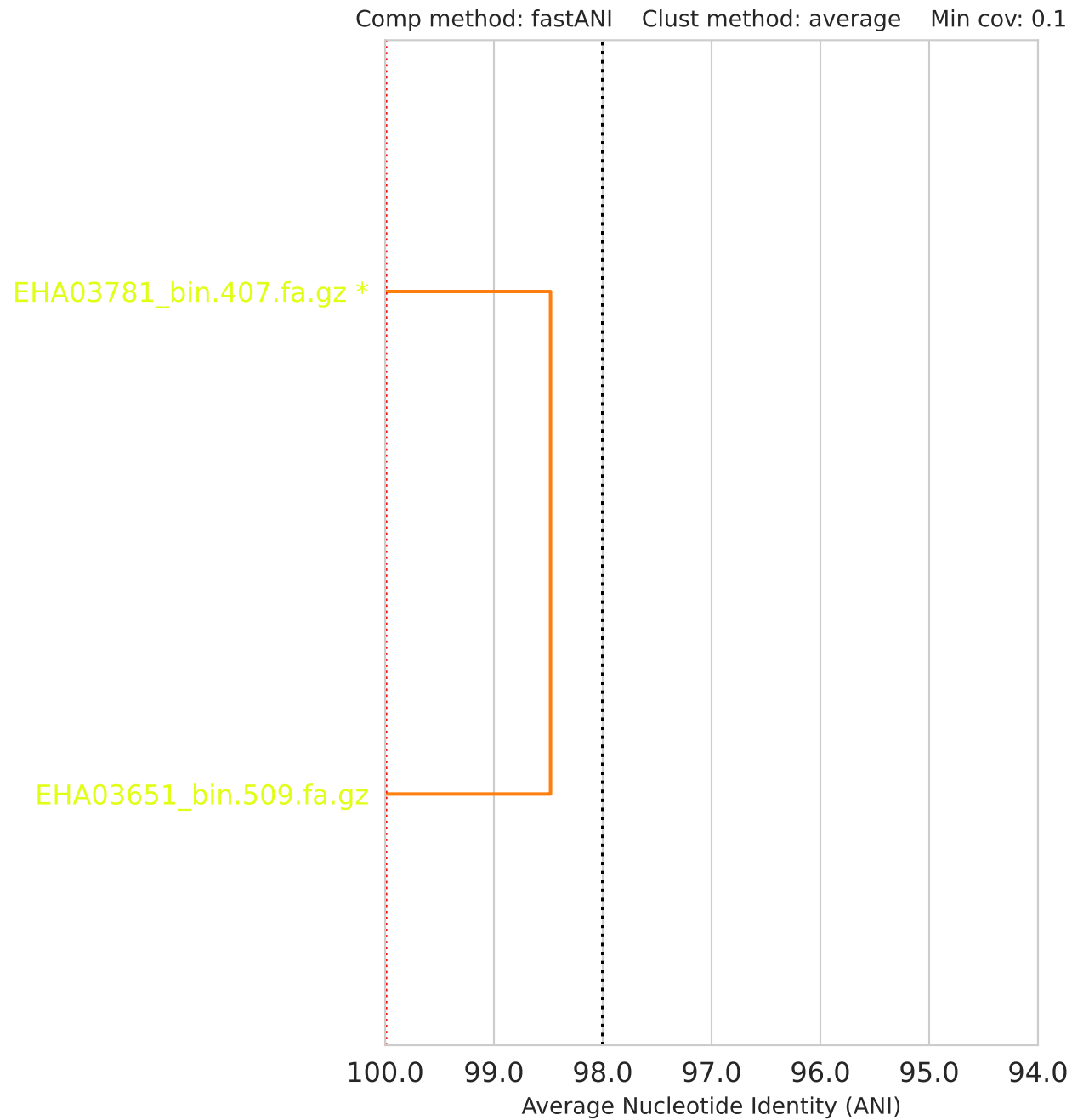
# Primary cluster 110



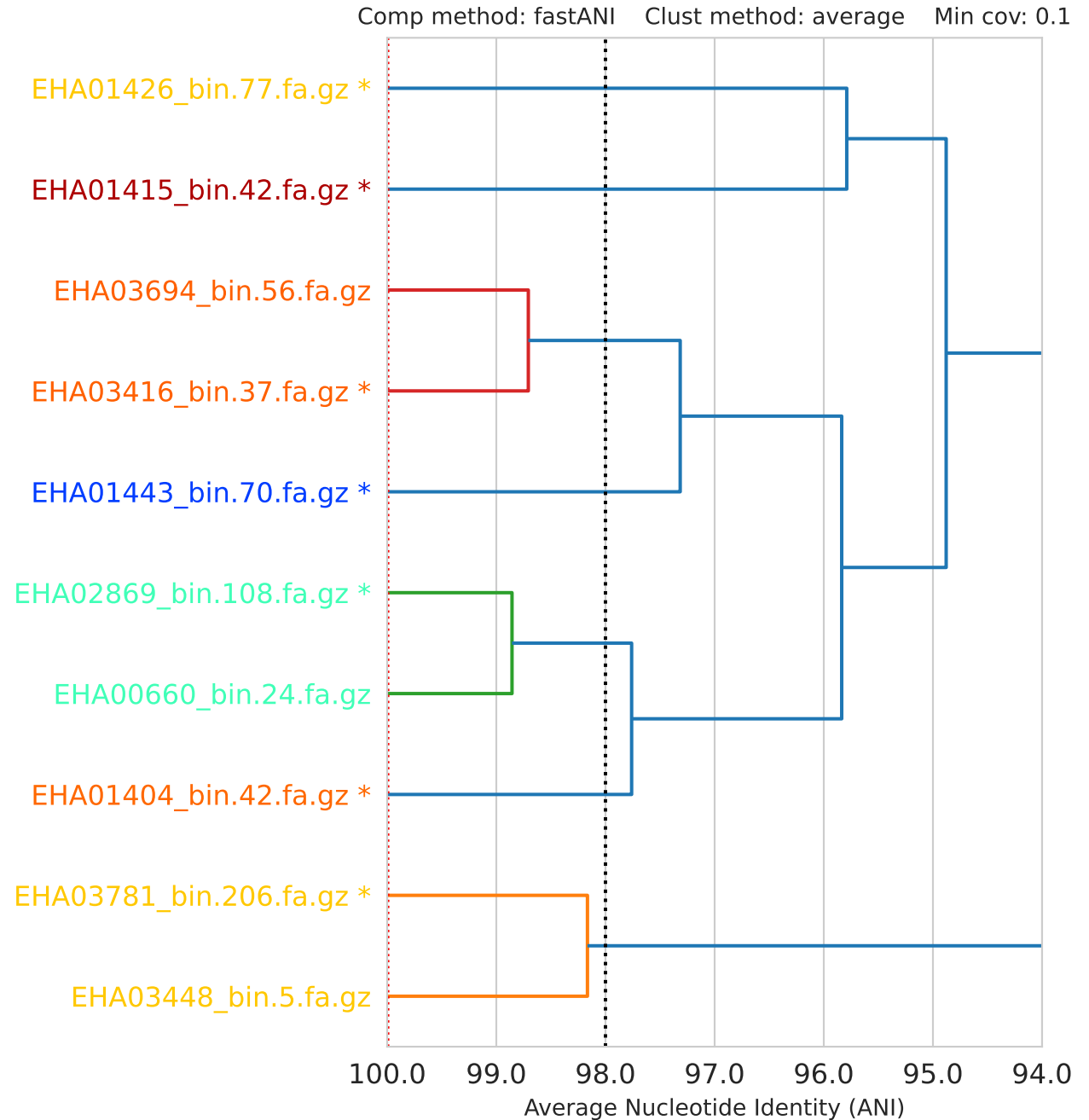
# Primary cluster 112



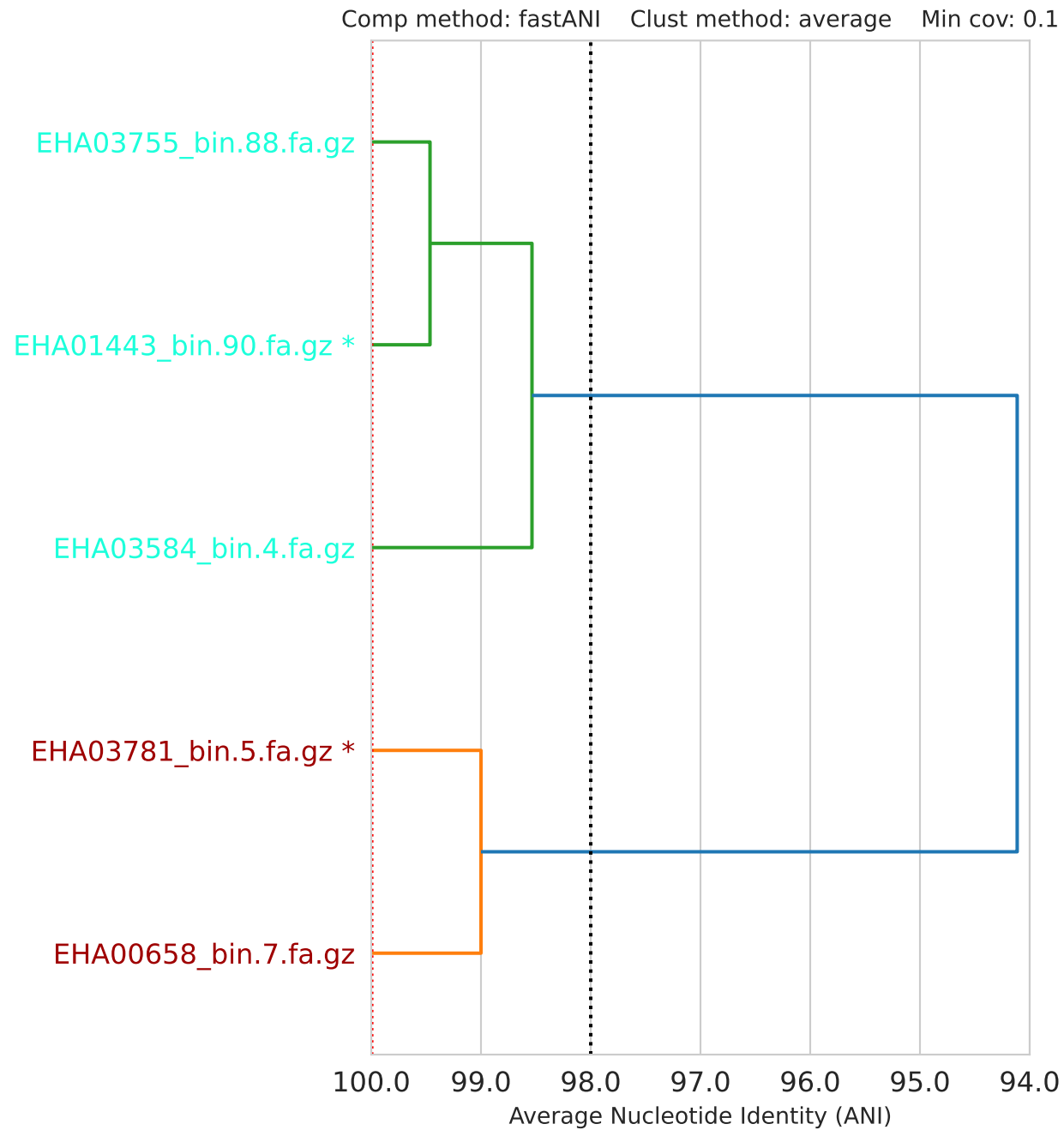
# Primary cluster 113



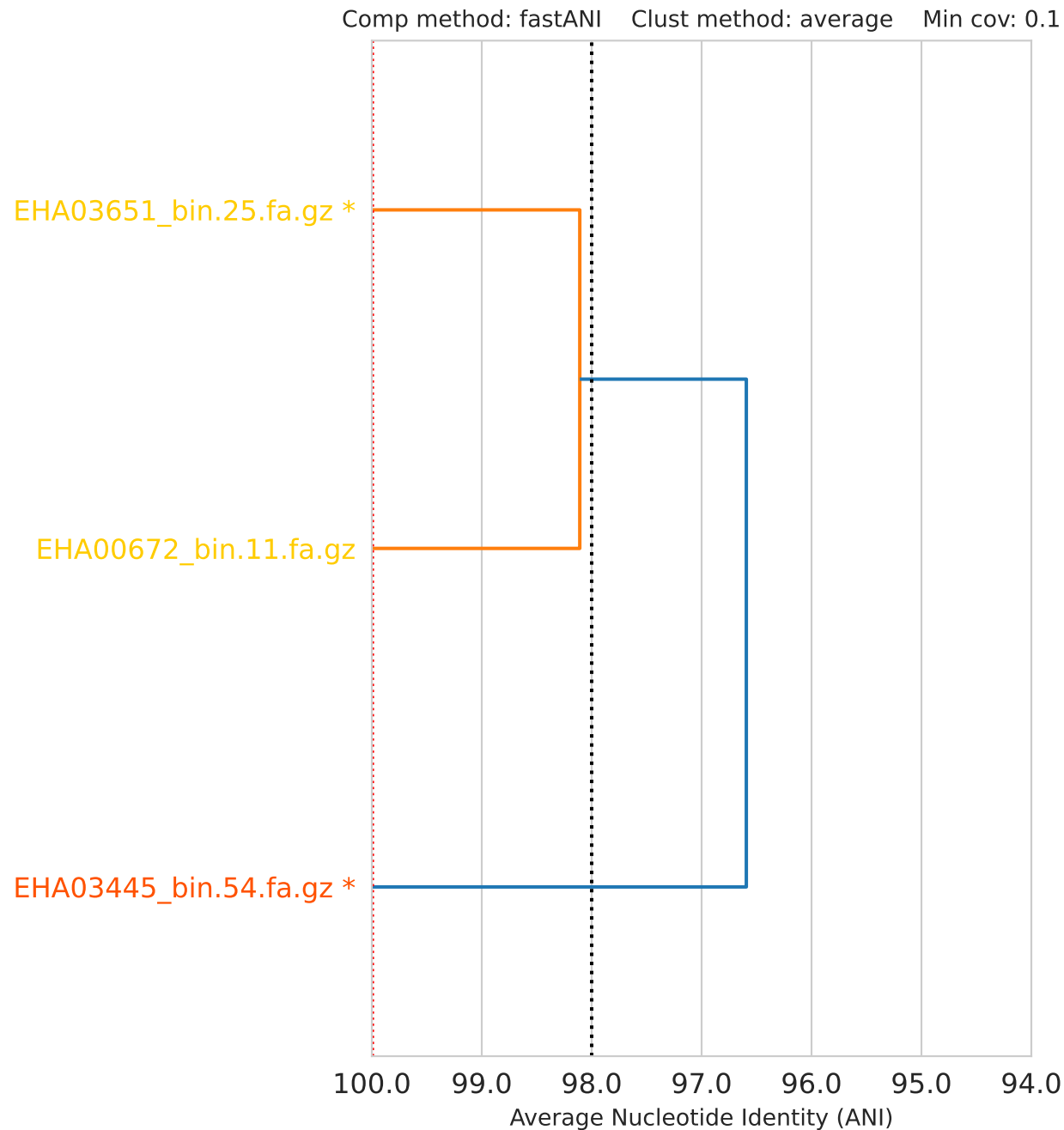
# Primary cluster 115



# Primary cluster 116

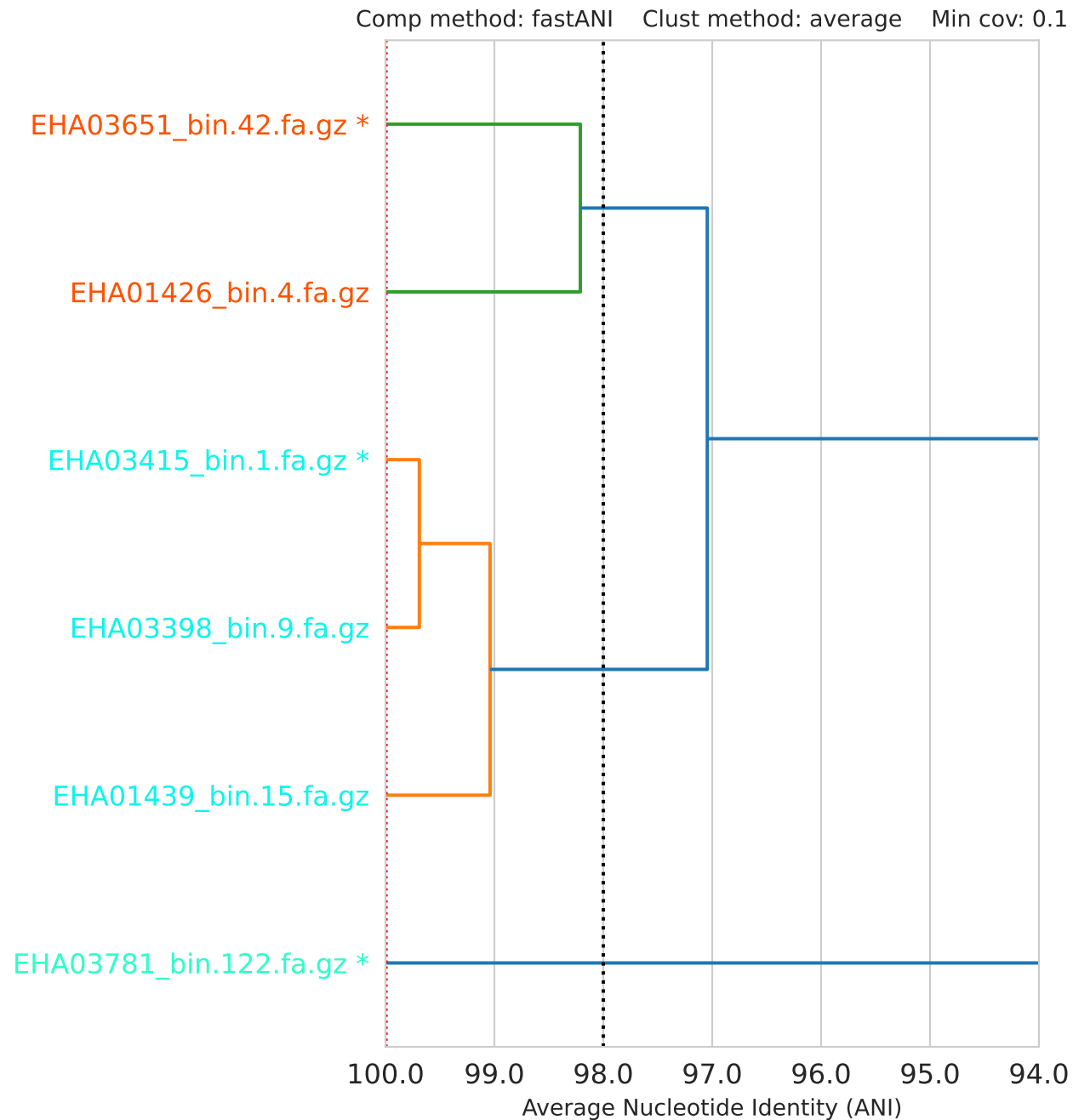


# Primary cluster 117

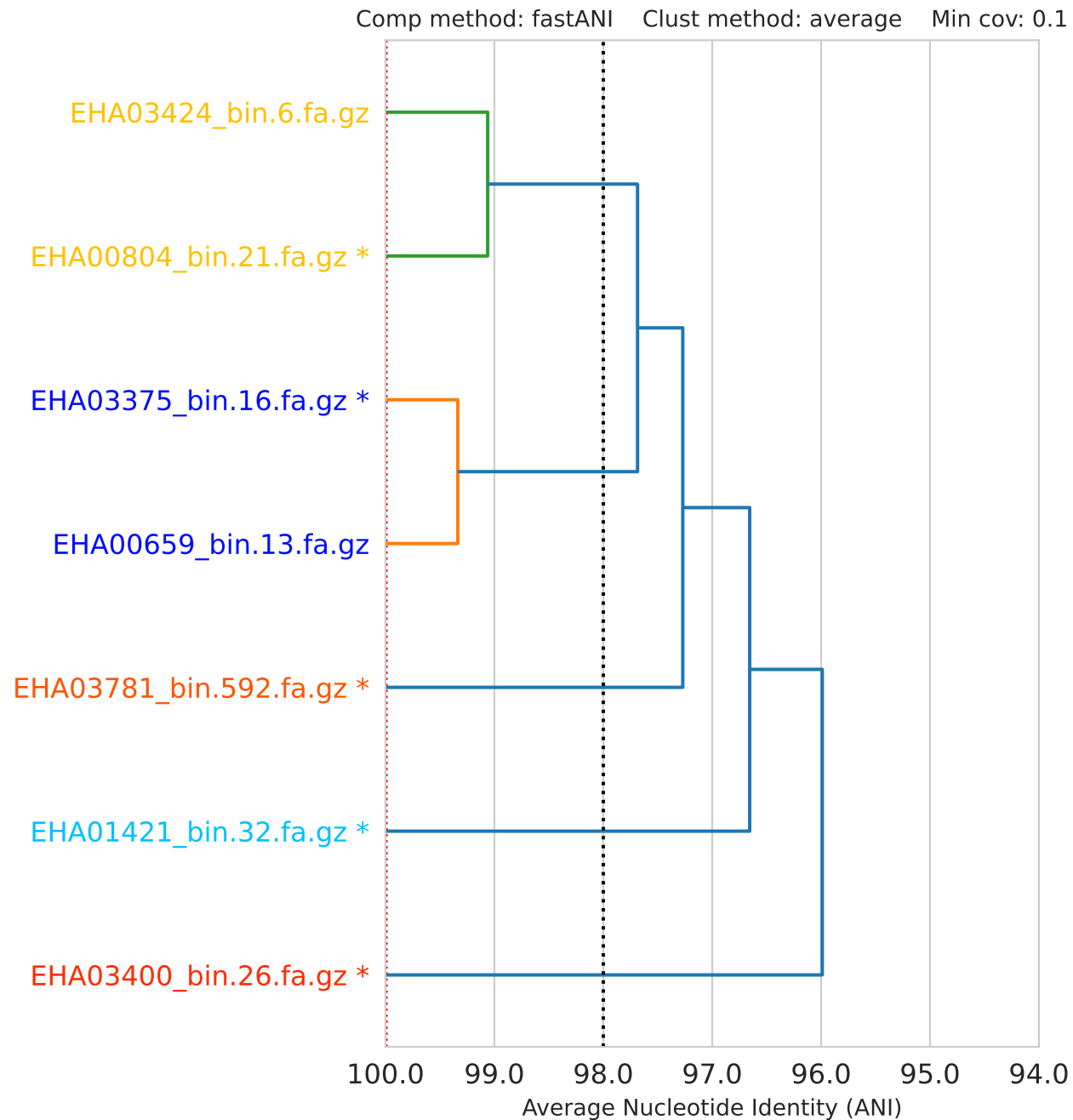




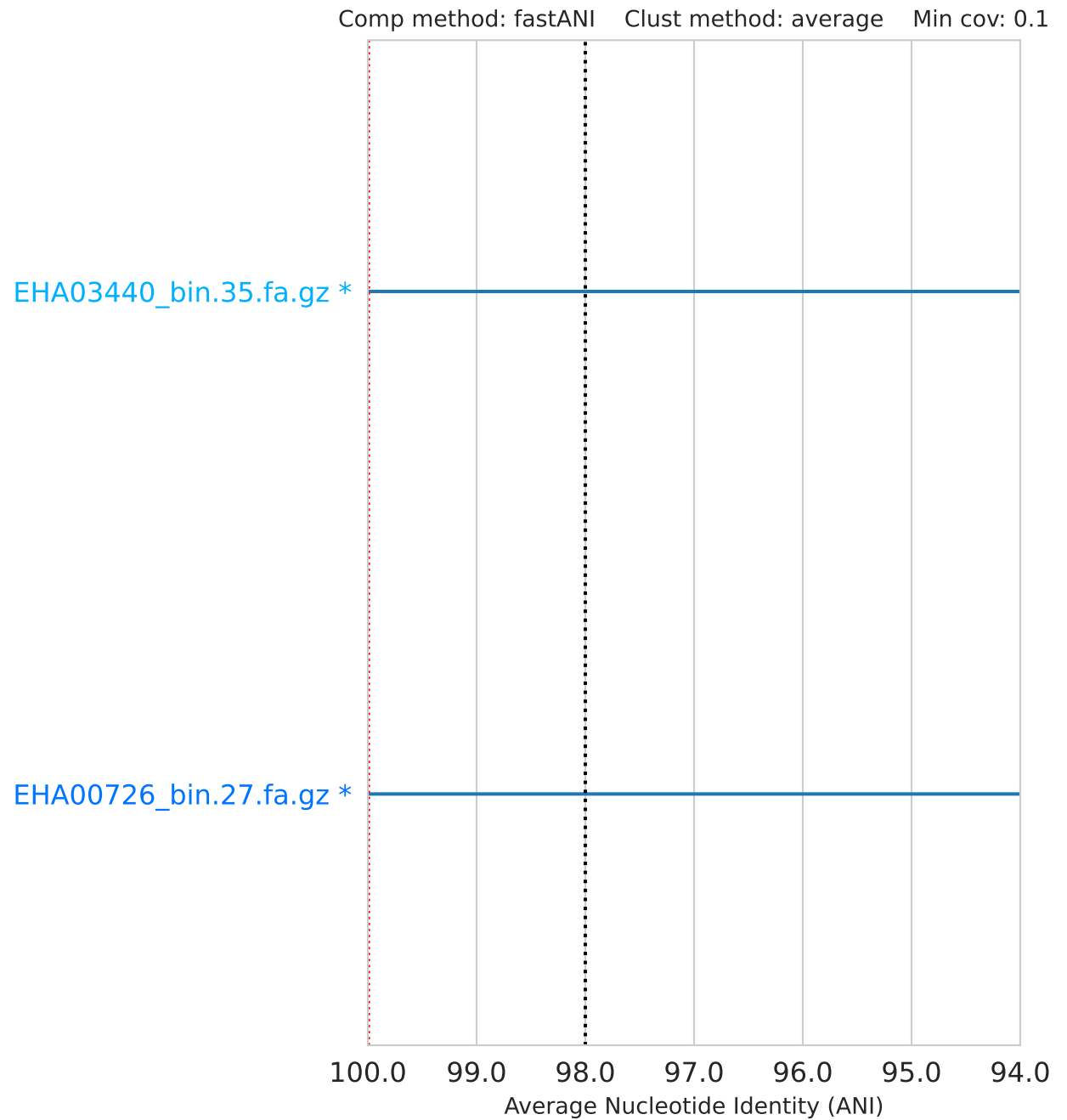
# Primary cluster 118



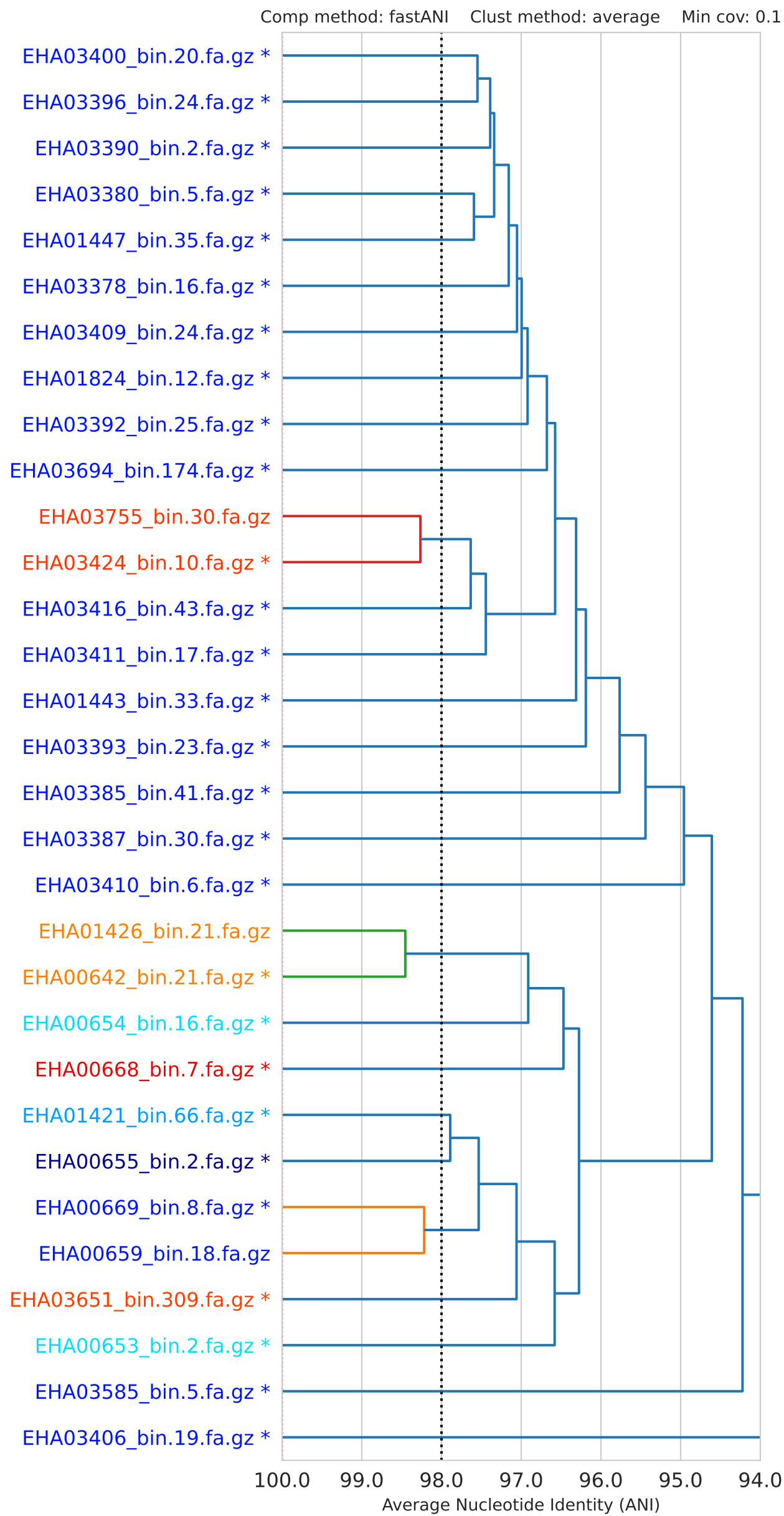
# Primary cluster 120



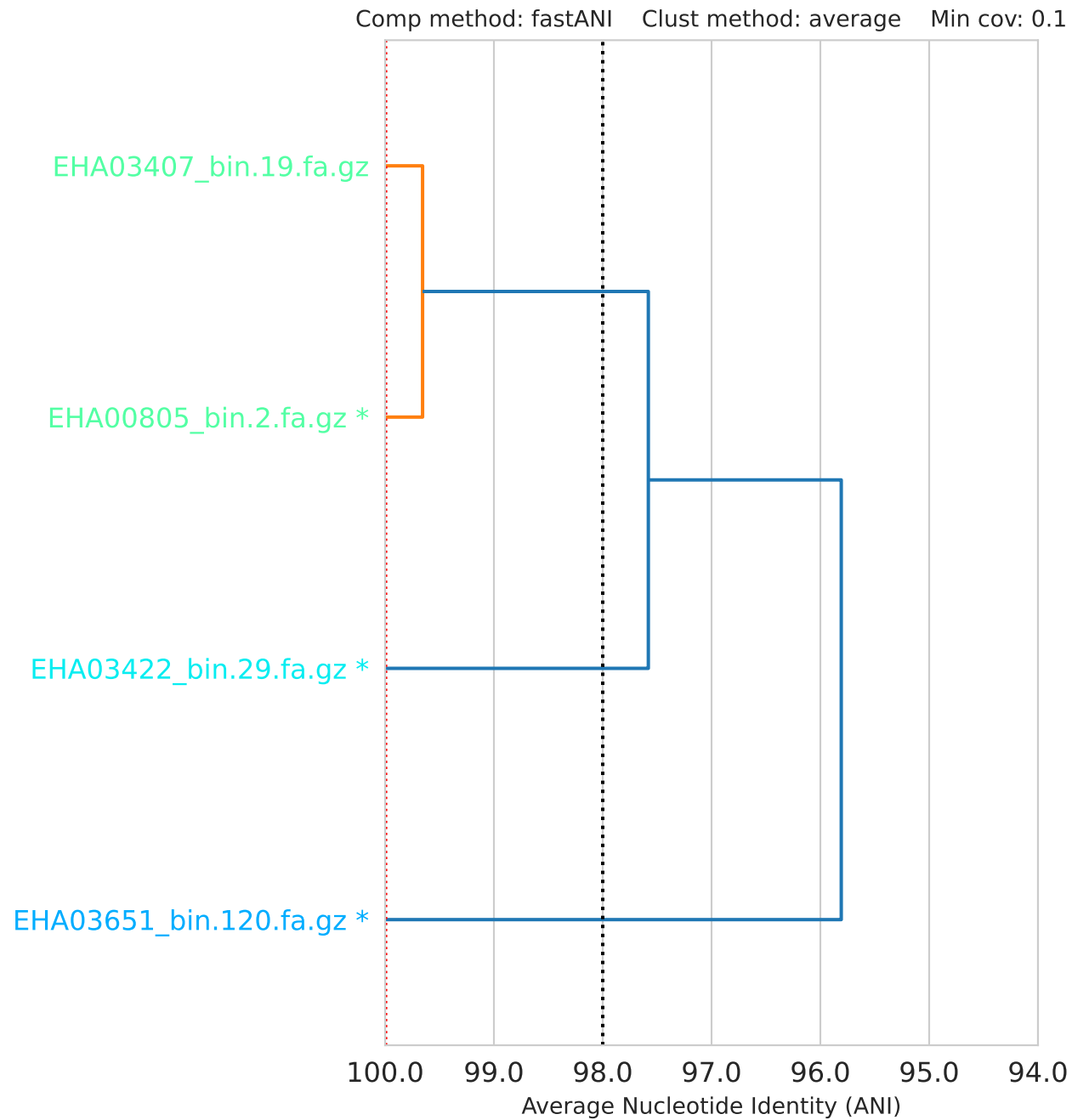
# Primary cluster 121



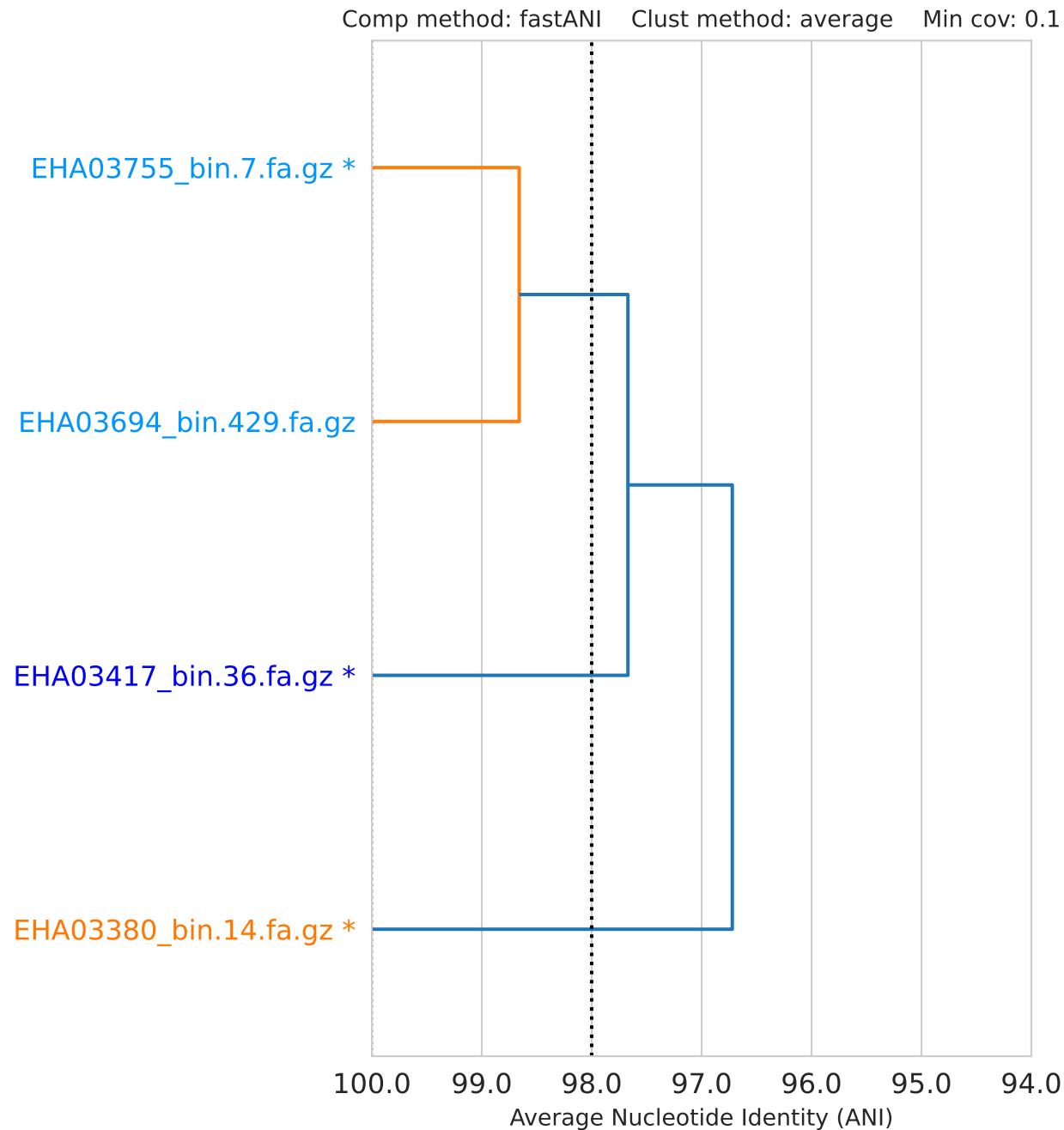
Primary cluster 122



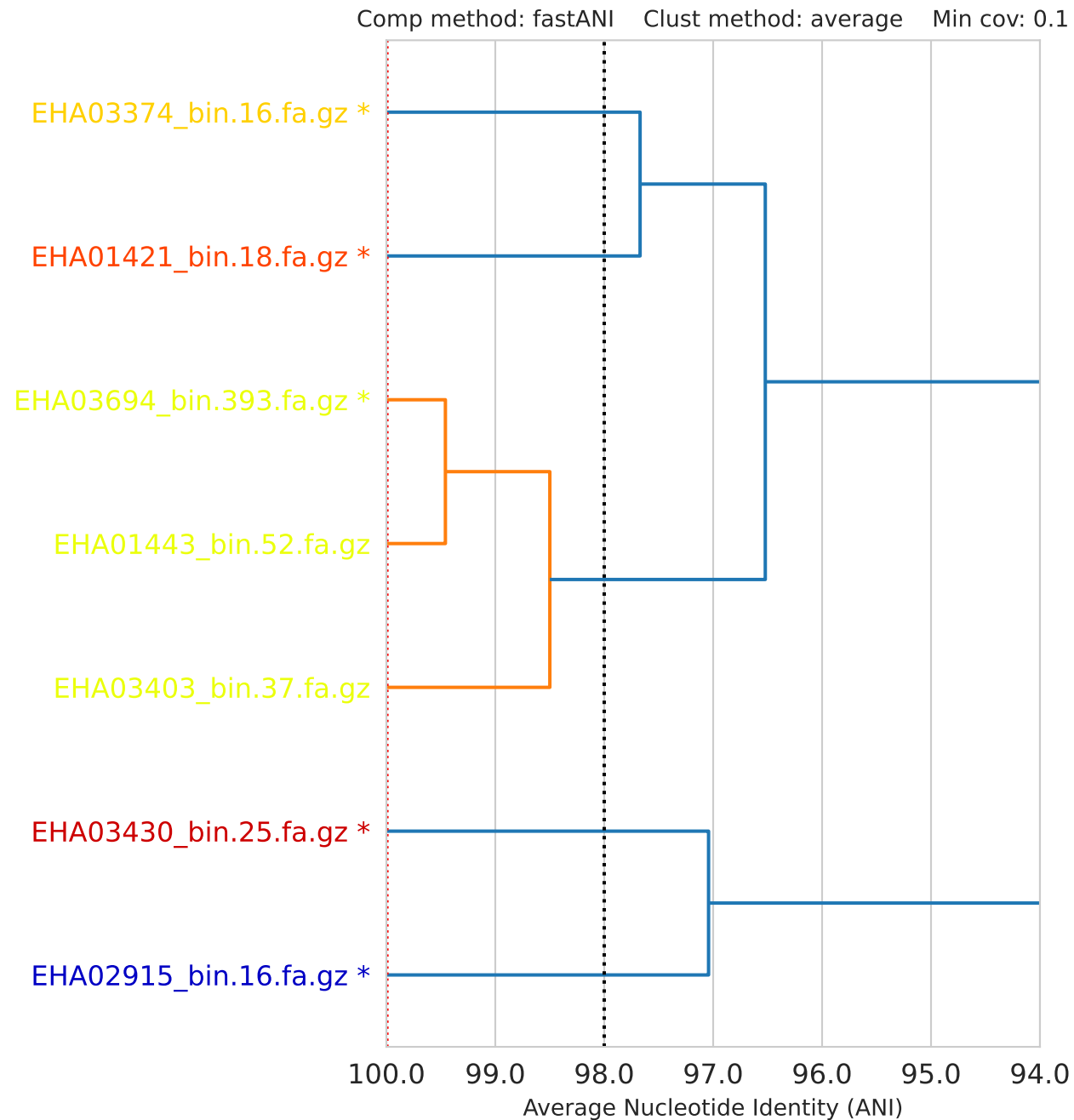
# Primary cluster 123



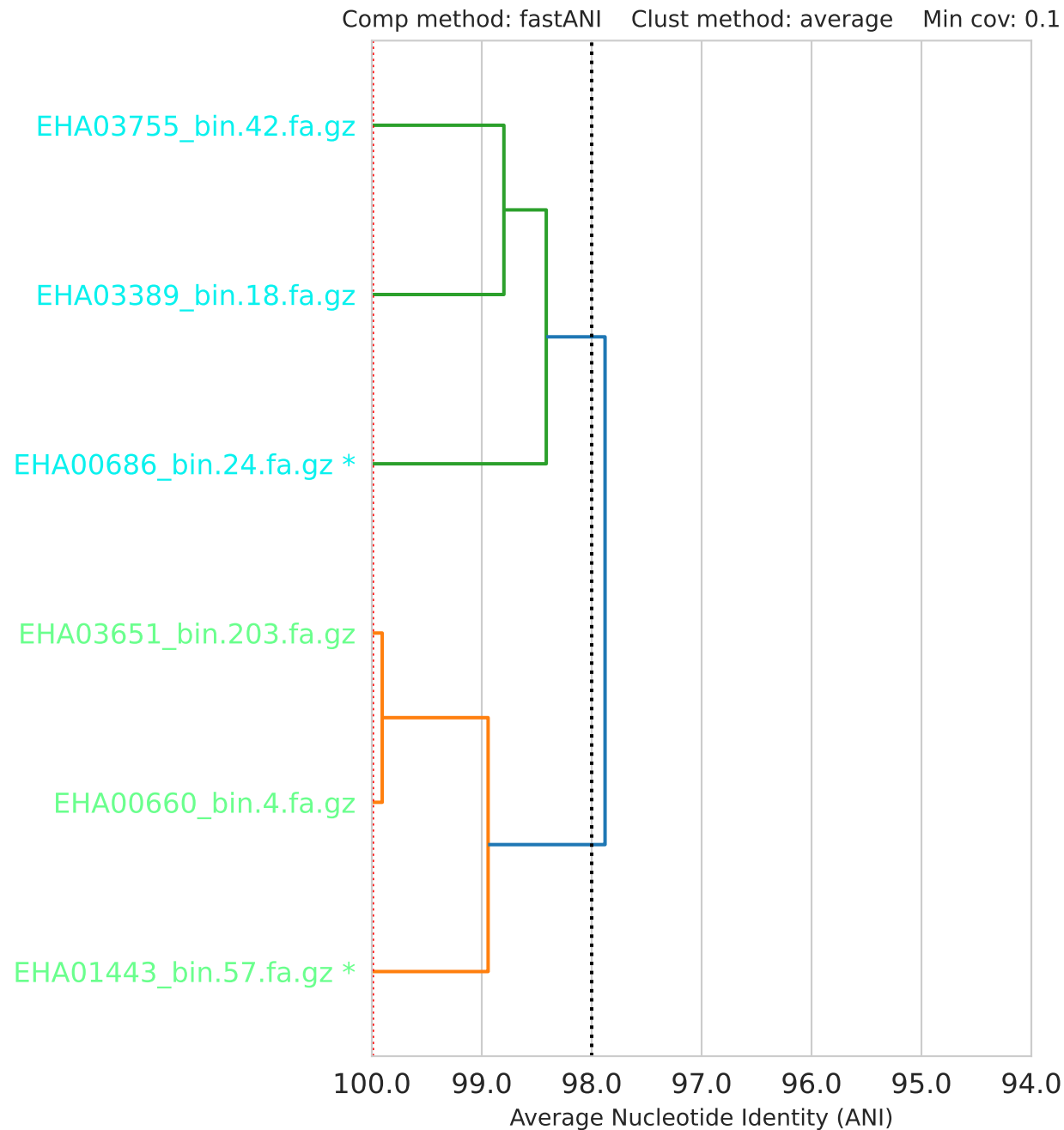
# Primary cluster 124



# Primary cluster 125



# Primary cluster 126





# Primary cluster 127

Comp method: fastANI

Clust method: average

Min cov: 0.1

EHA03755\_bin.163.fa.gz

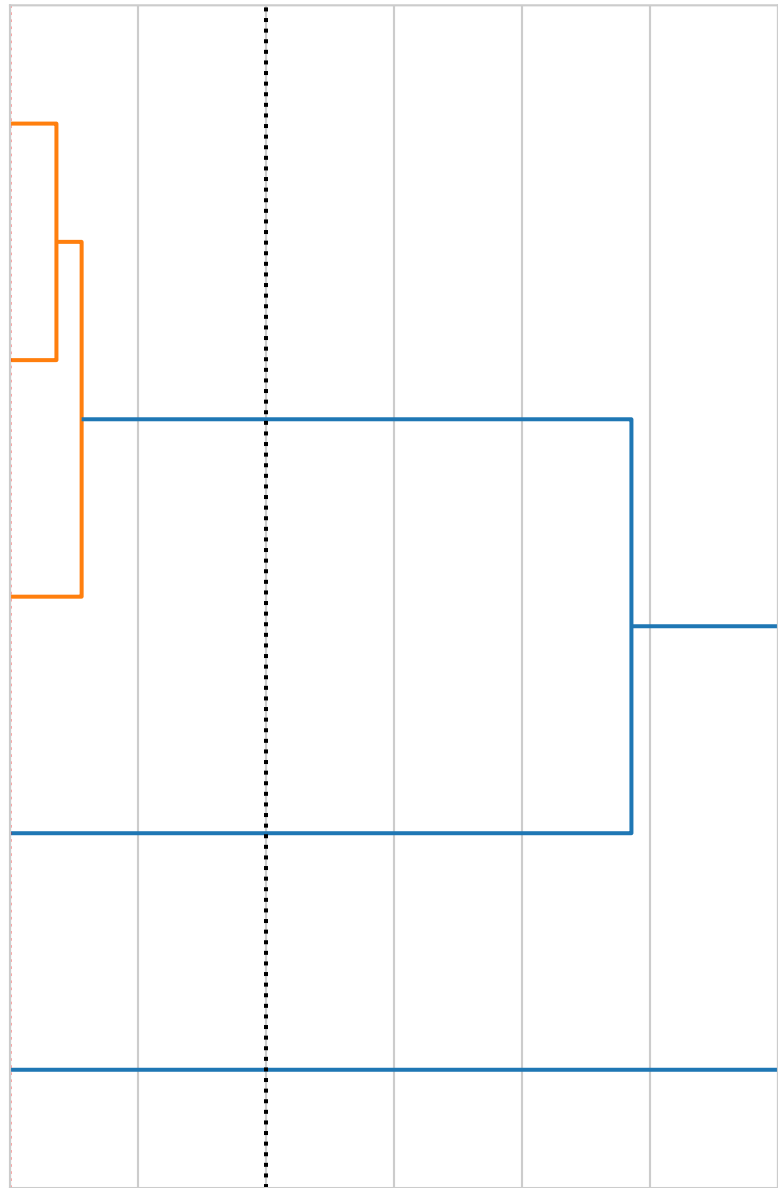
EHA03401\_bin.13.fa.gz \*

EHA01443\_bin.120.fa.gz

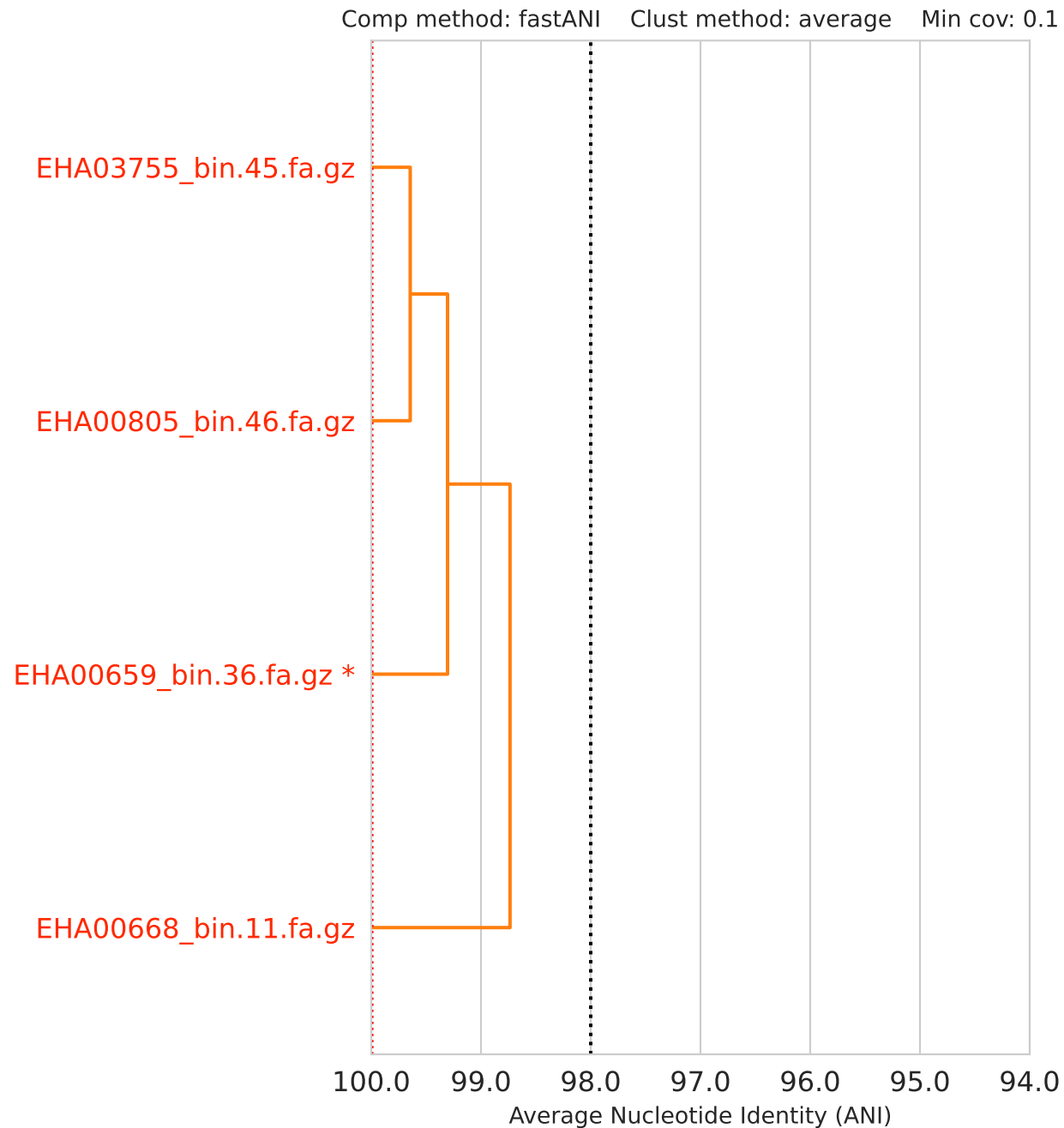
EHA02915\_bin.43.fa.gz \*

EHA03587\_bin.35.fa.gz \*

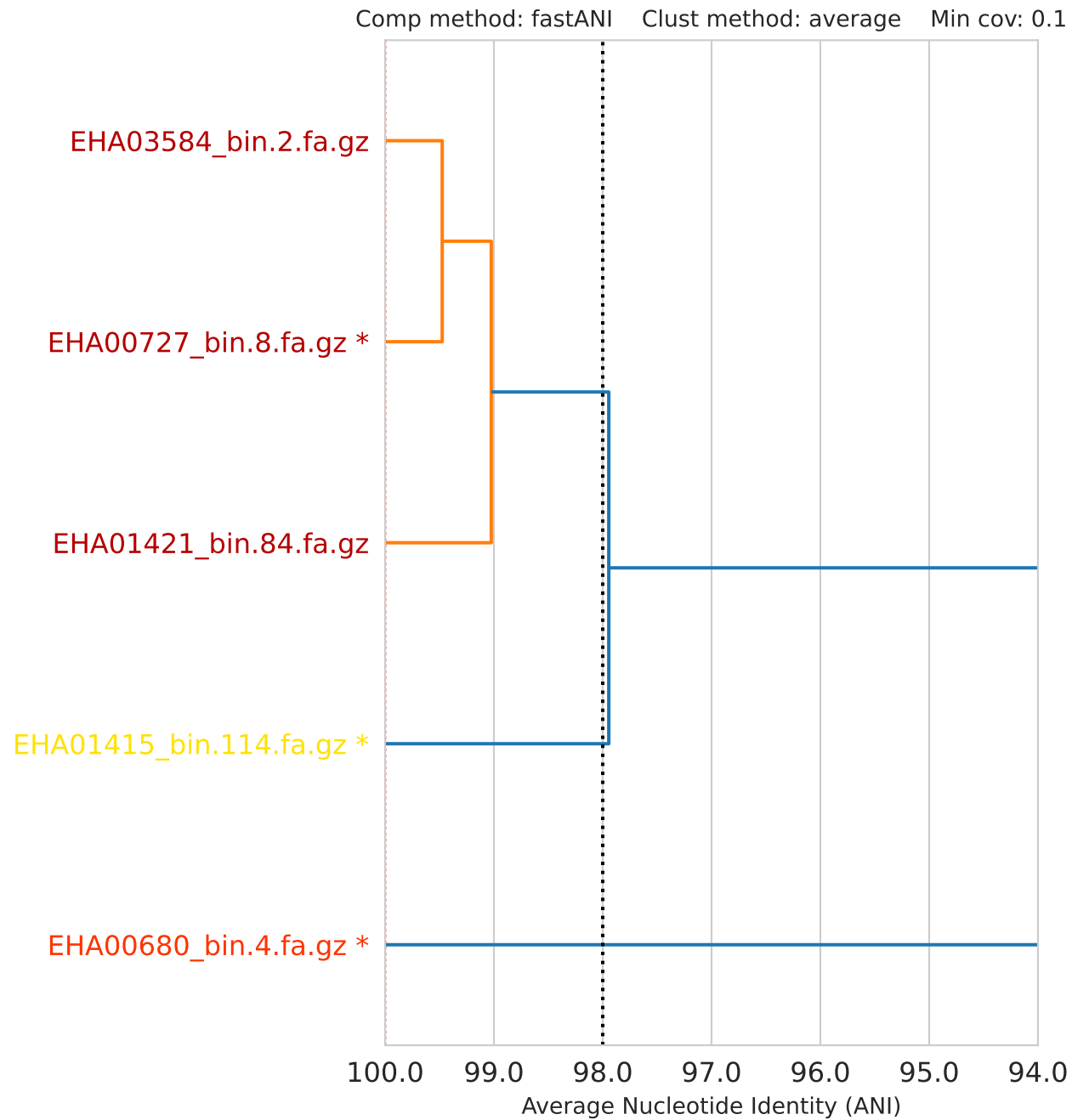
100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



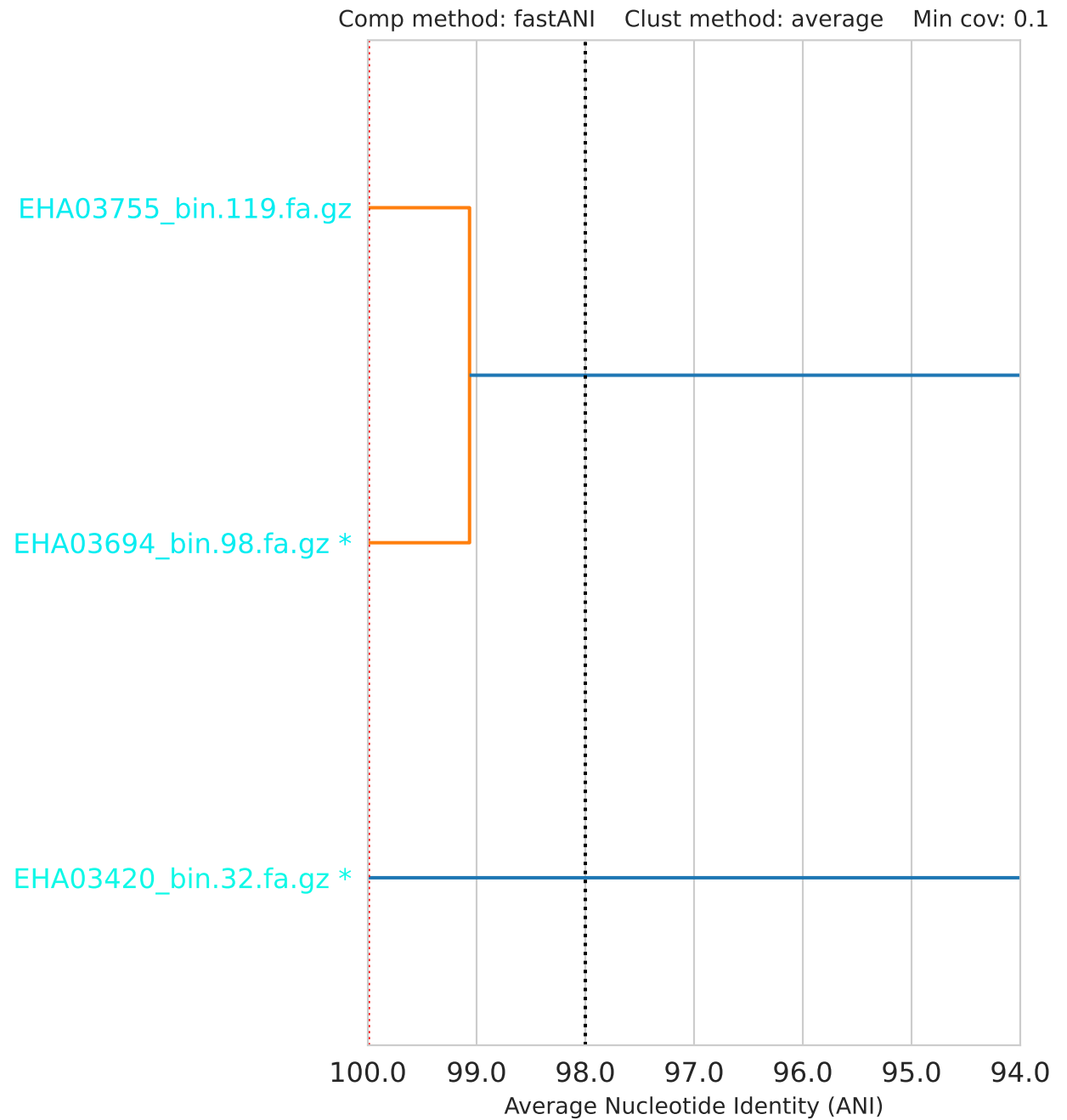
# Primary cluster 128



# Primary cluster 131



# Primary cluster 132



# Primary cluster 133

Comp method: fastANI

Clust method: average

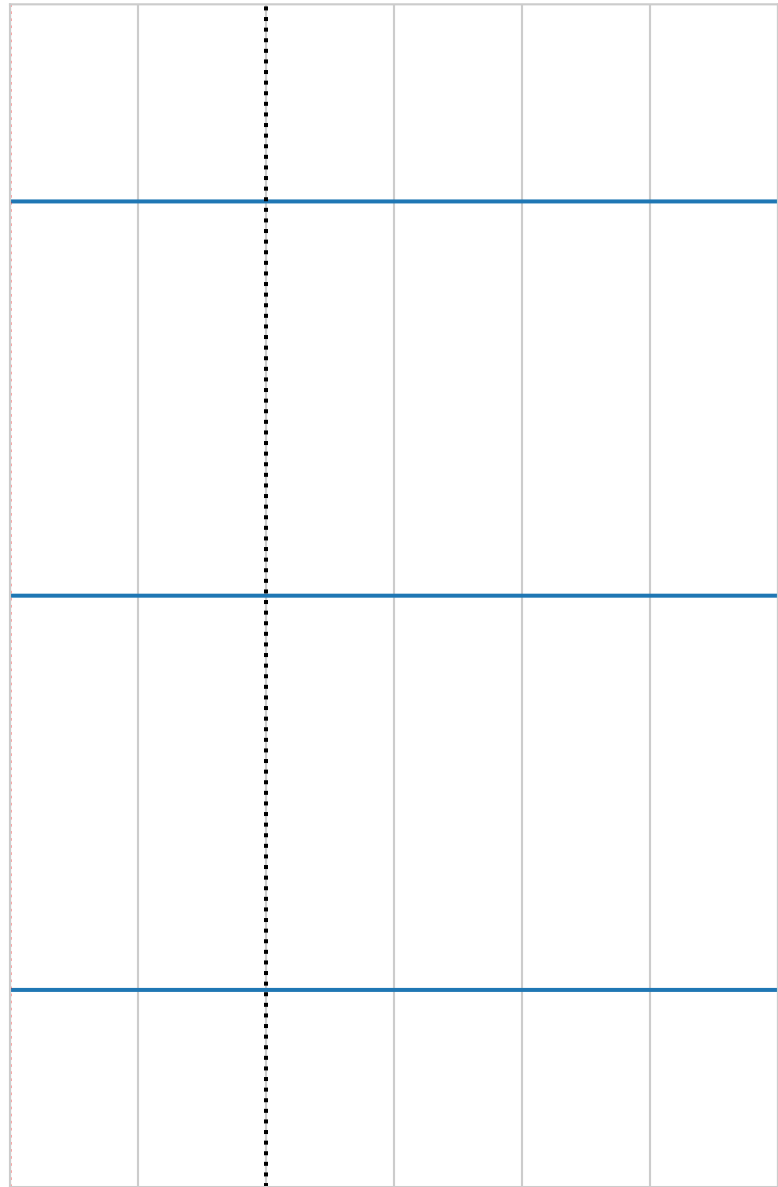
Min cov: 0.1

EHA03755\_bin.103.fa.gz \*

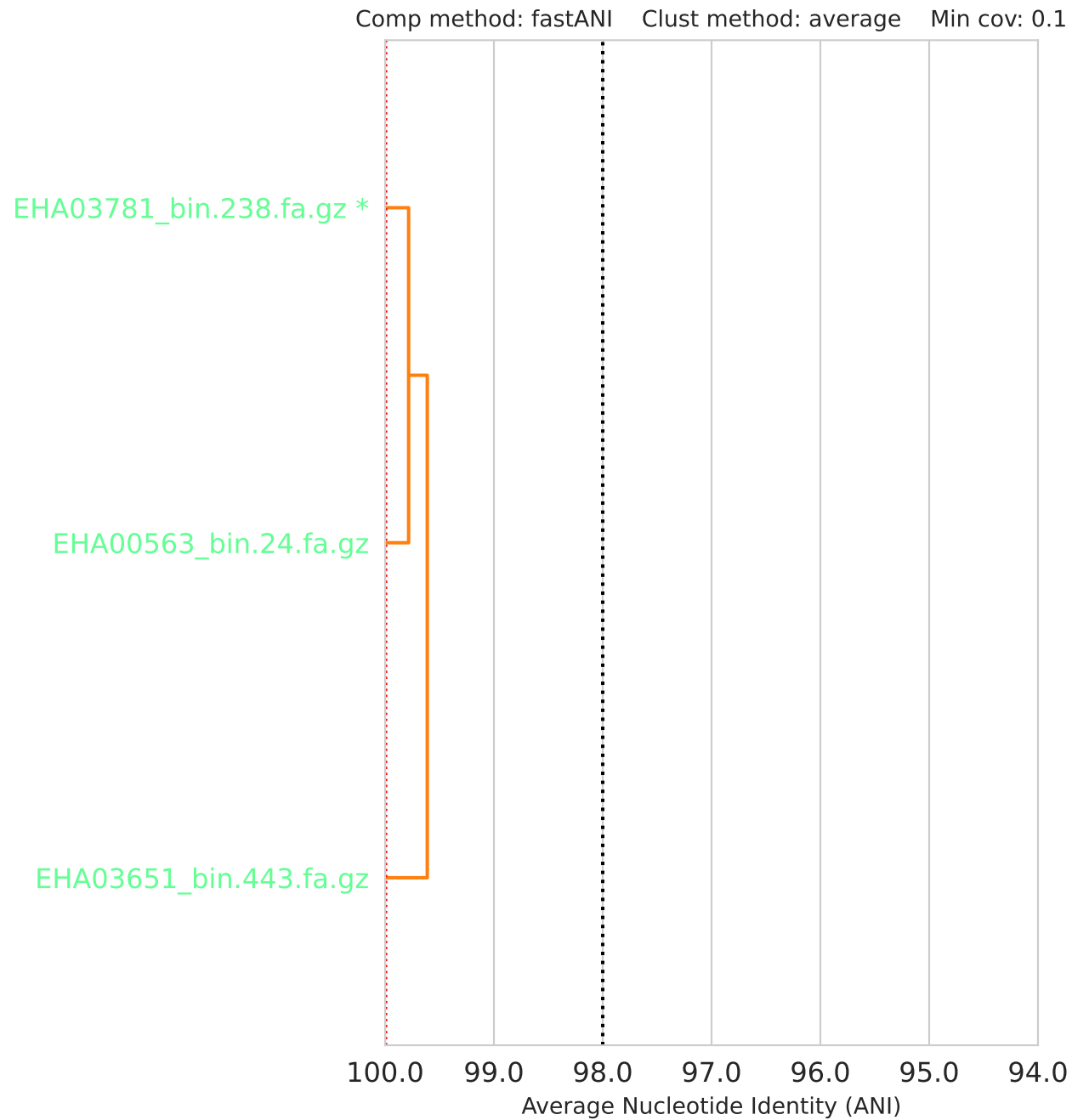
EHA03651\_bin.361.fa.gz \*

EHA00651\_bin.23.fa.gz \*

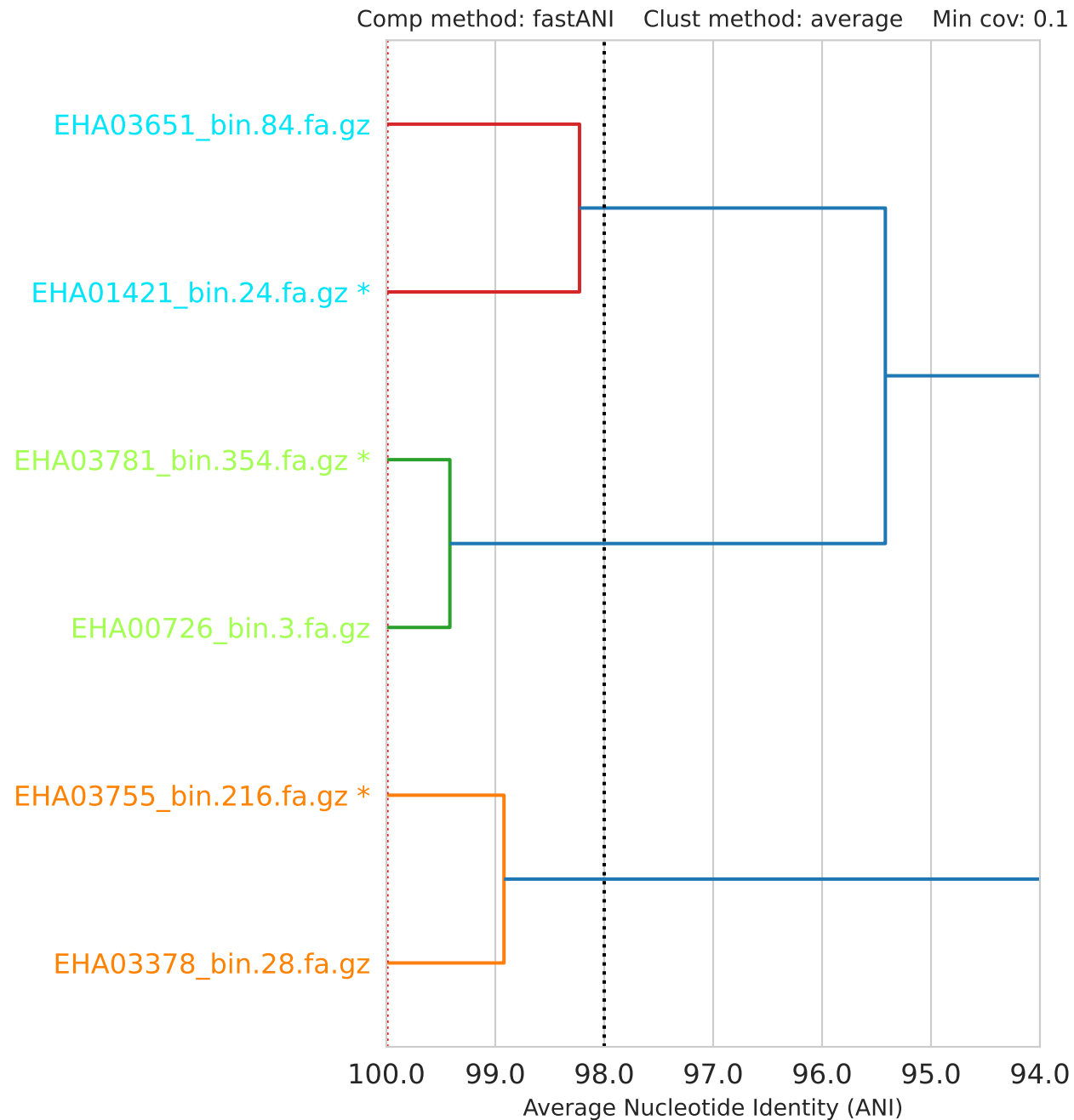
100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



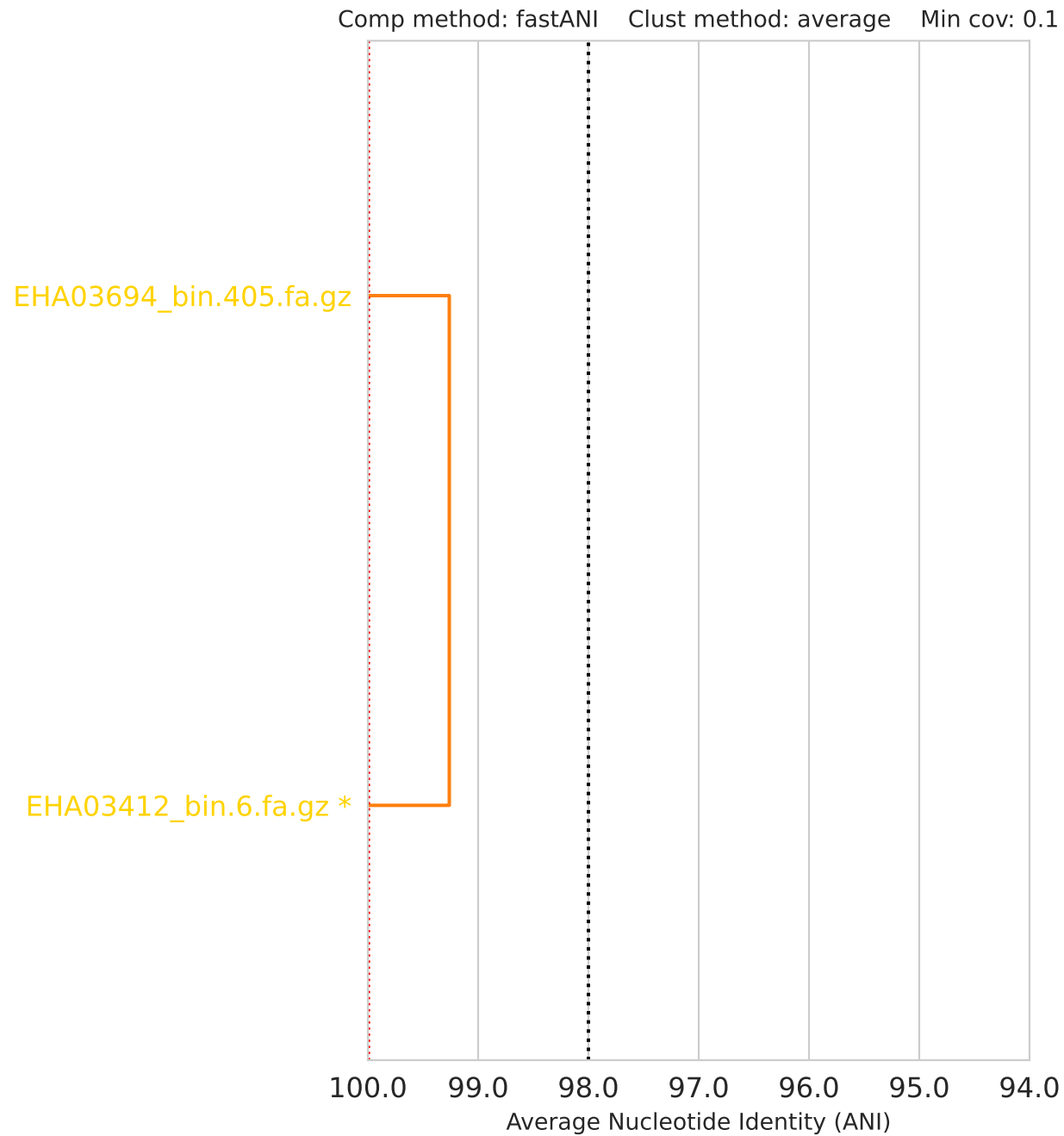
# Primary cluster 139



# Primary cluster 140

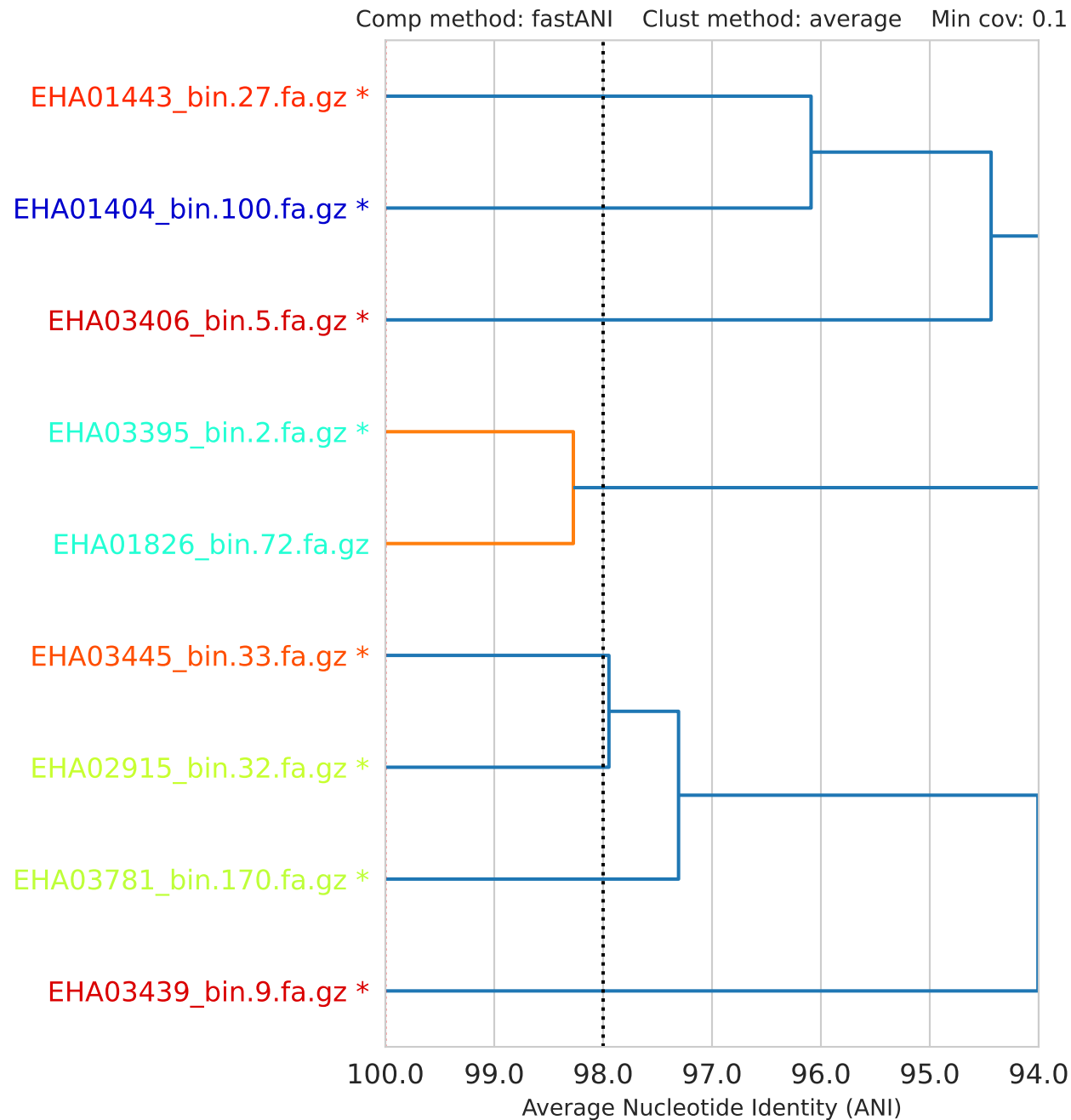


# Primary cluster 141

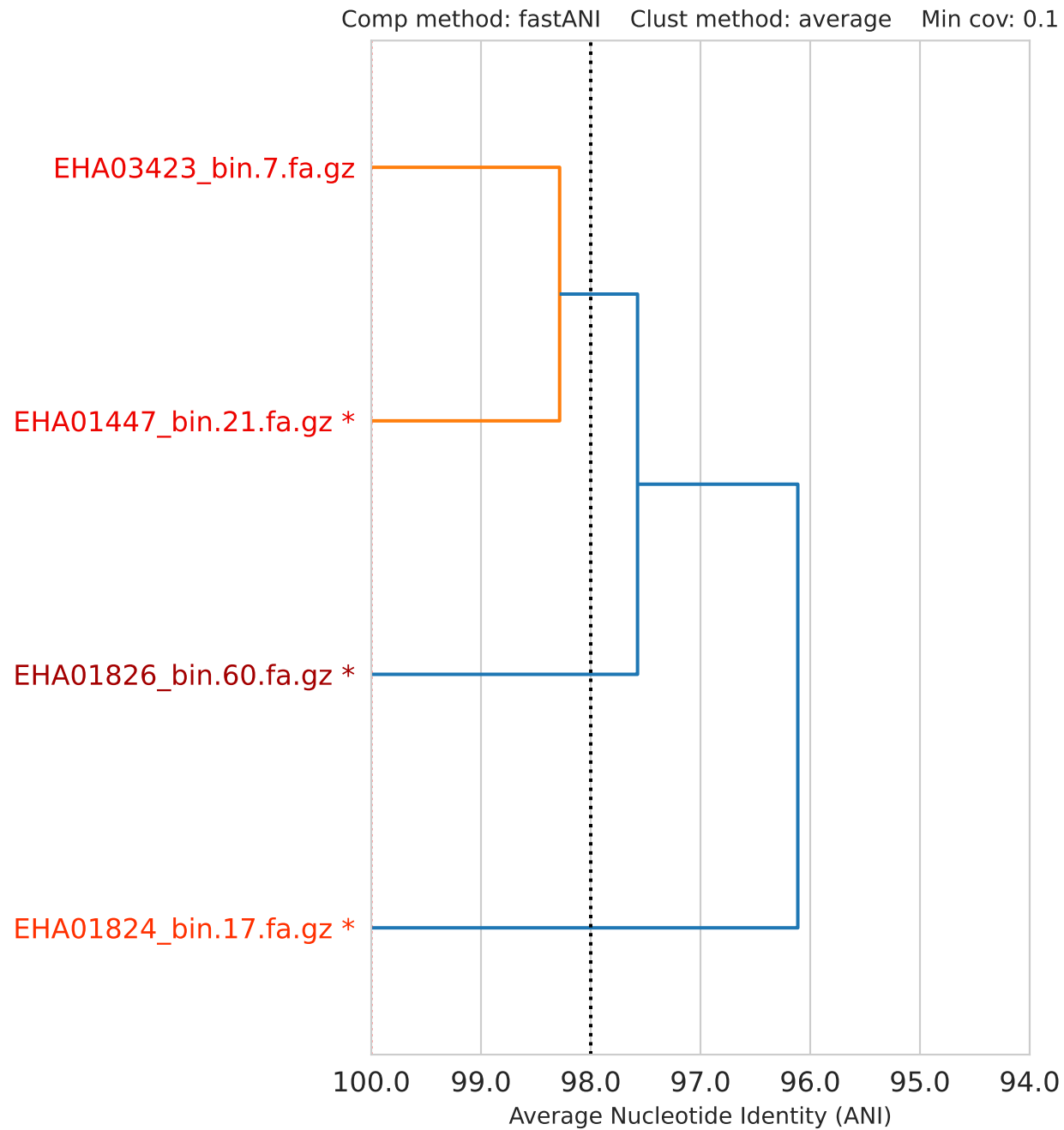




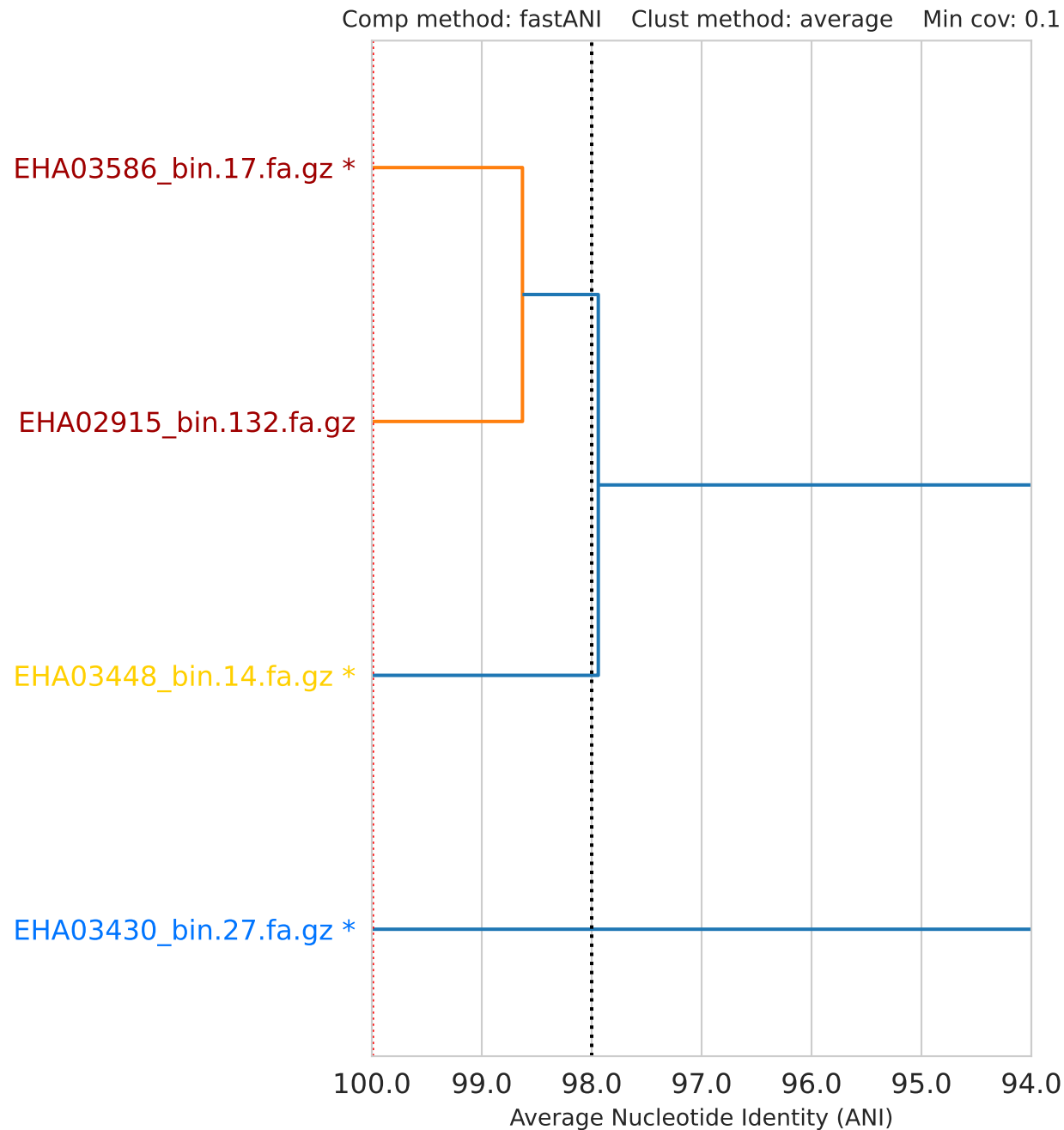
# Primary cluster 142



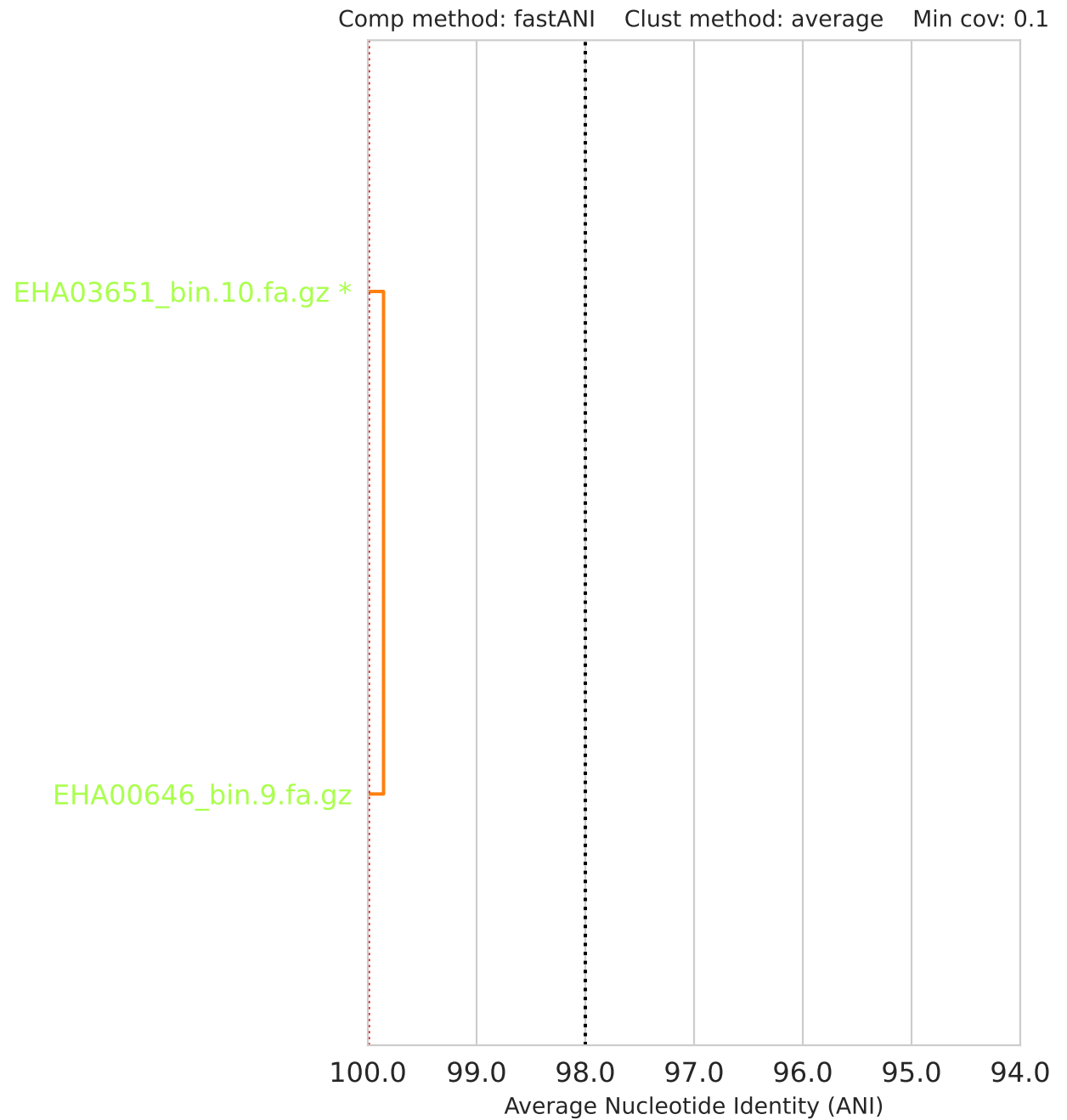
# Primary cluster 143



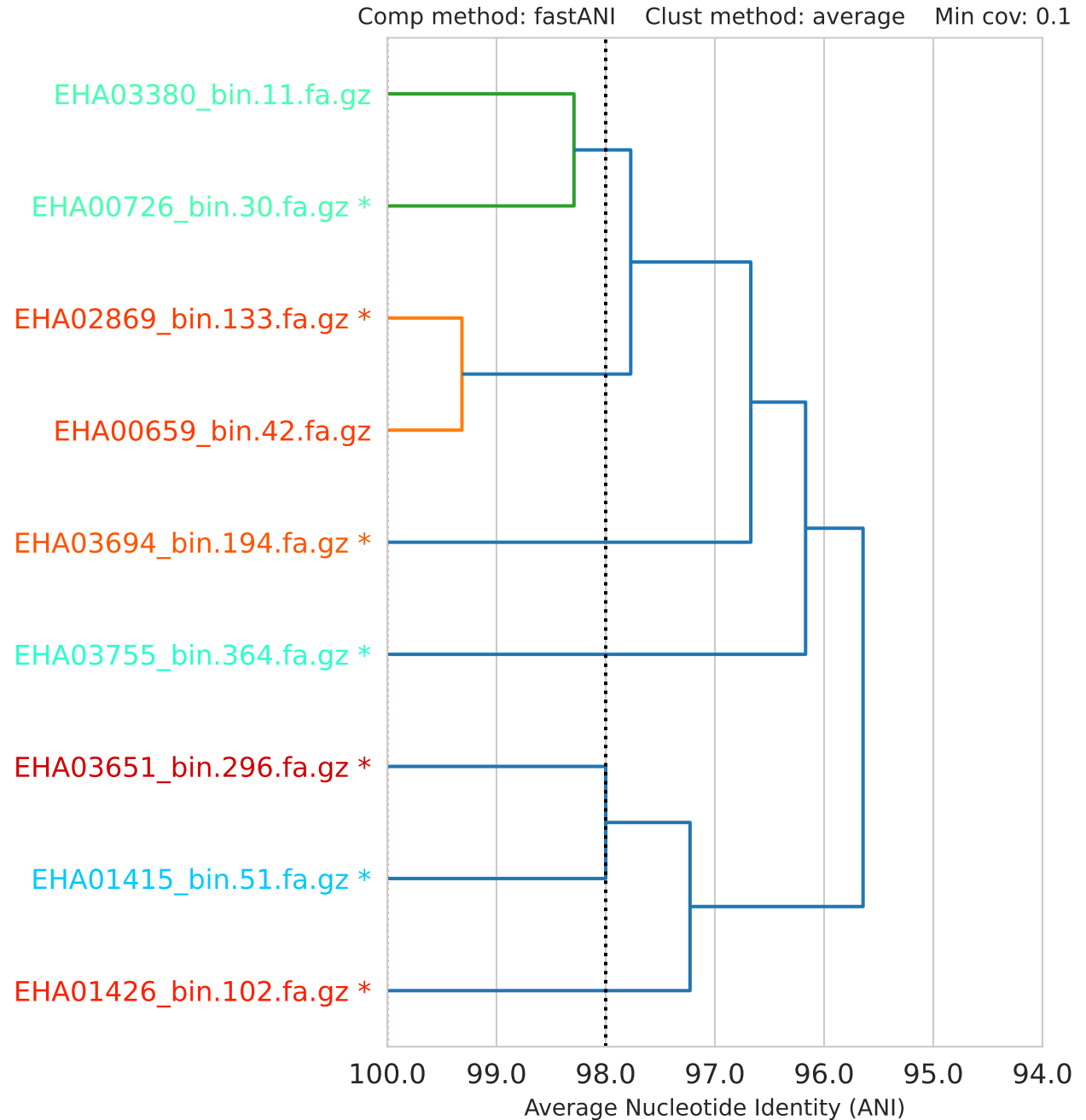
# Primary cluster 144



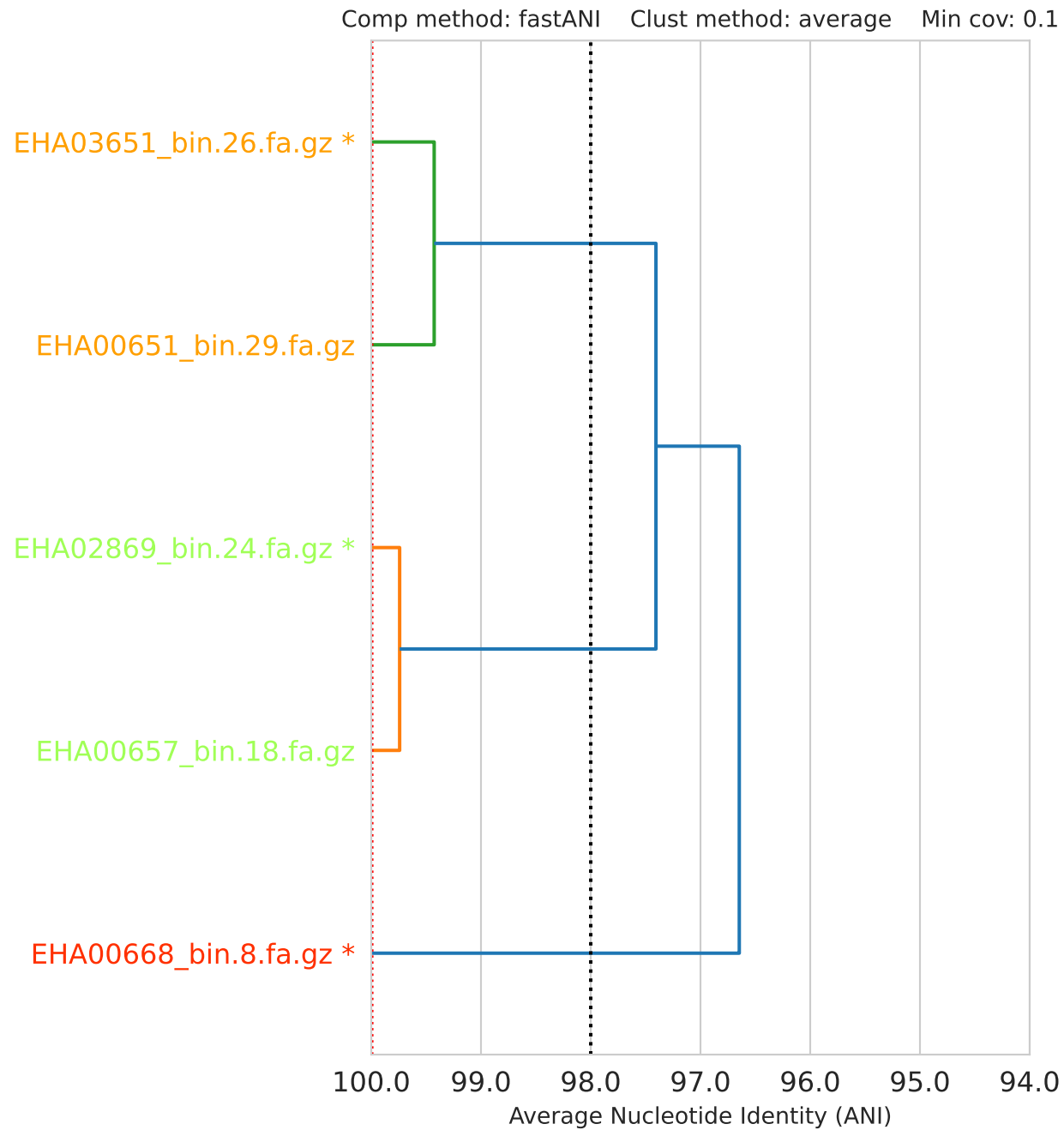
# Primary cluster 145



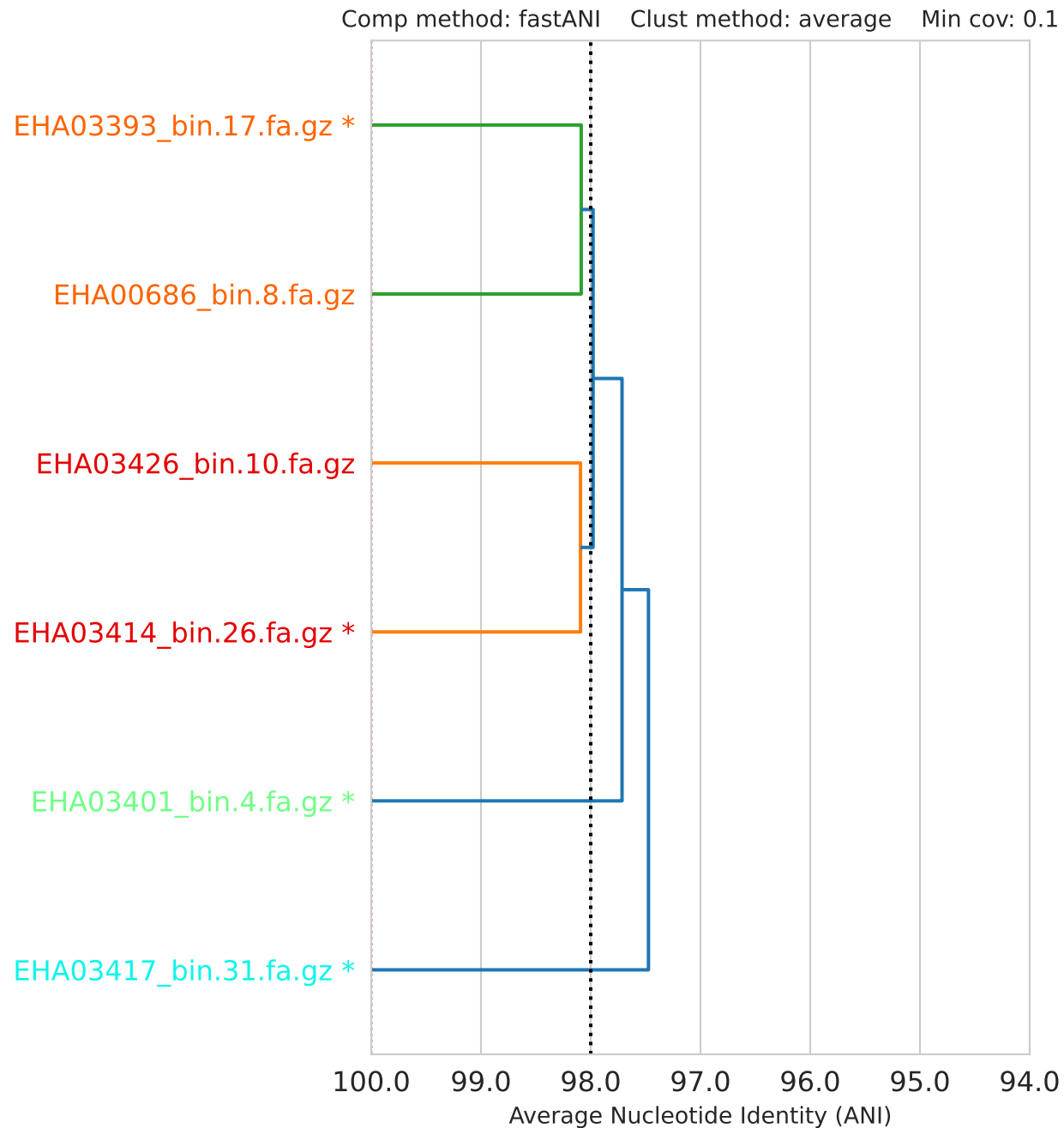
# Primary cluster 146



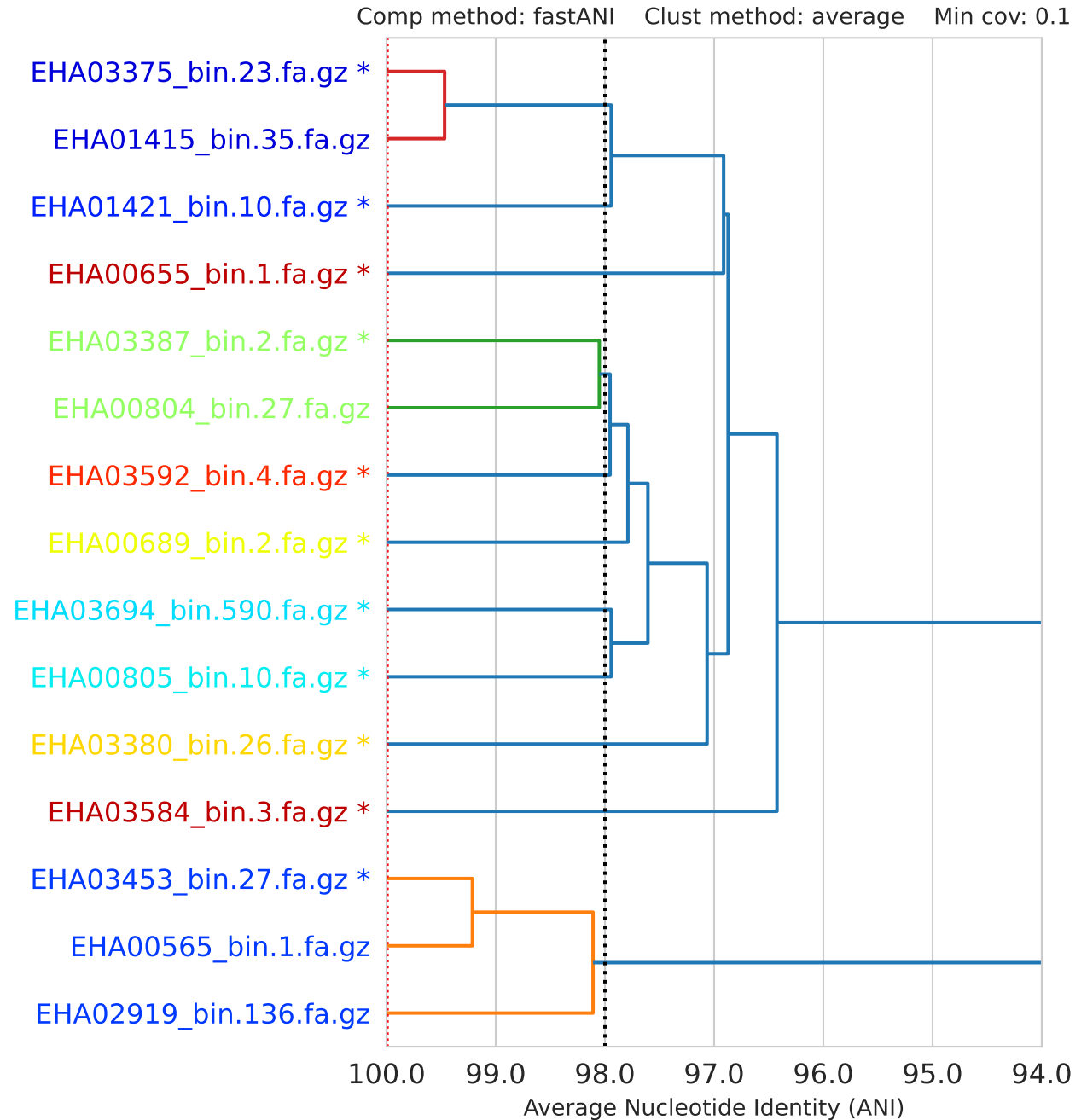
# Primary cluster 147



# Primary cluster 148

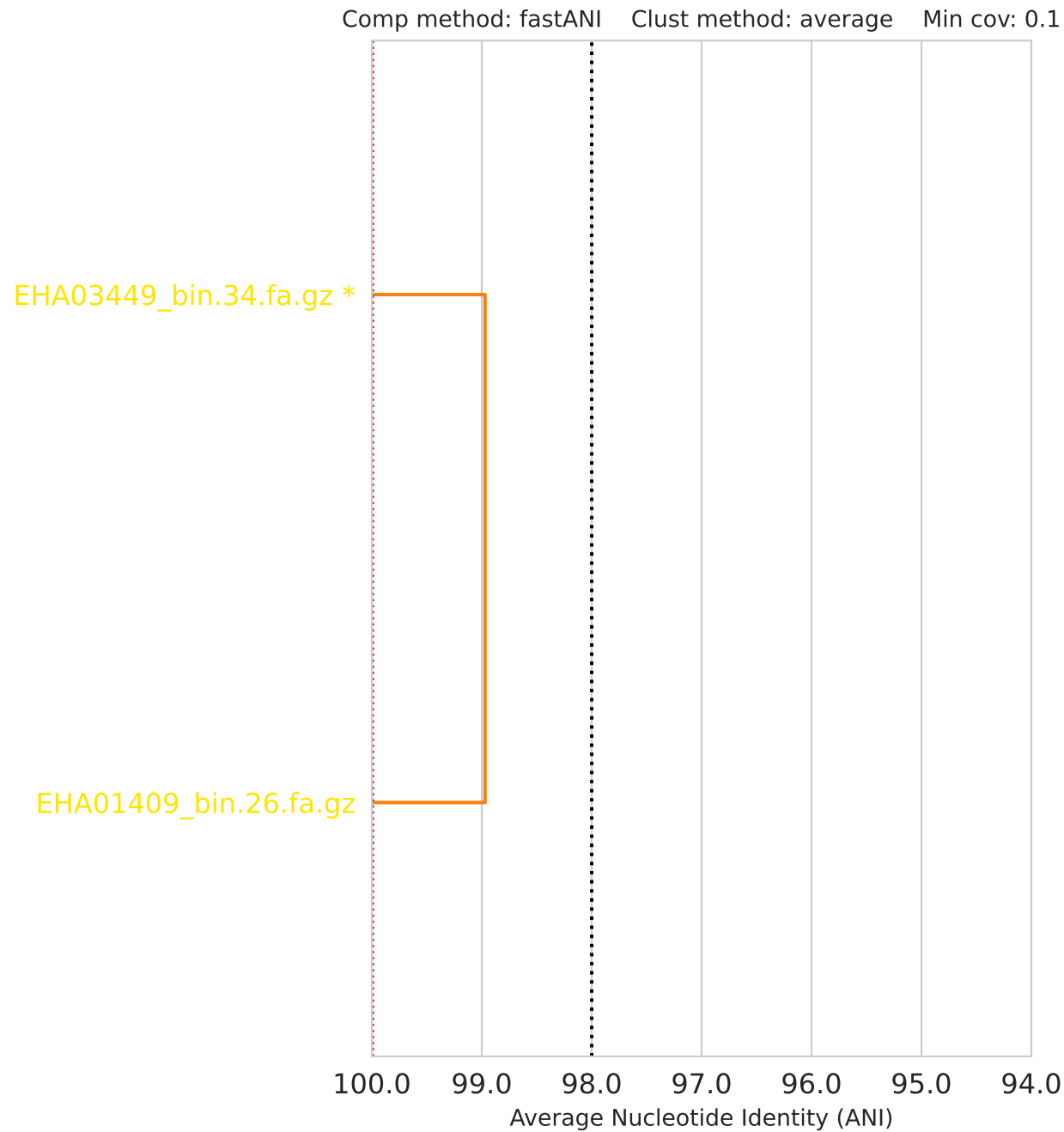


# Primary cluster 149

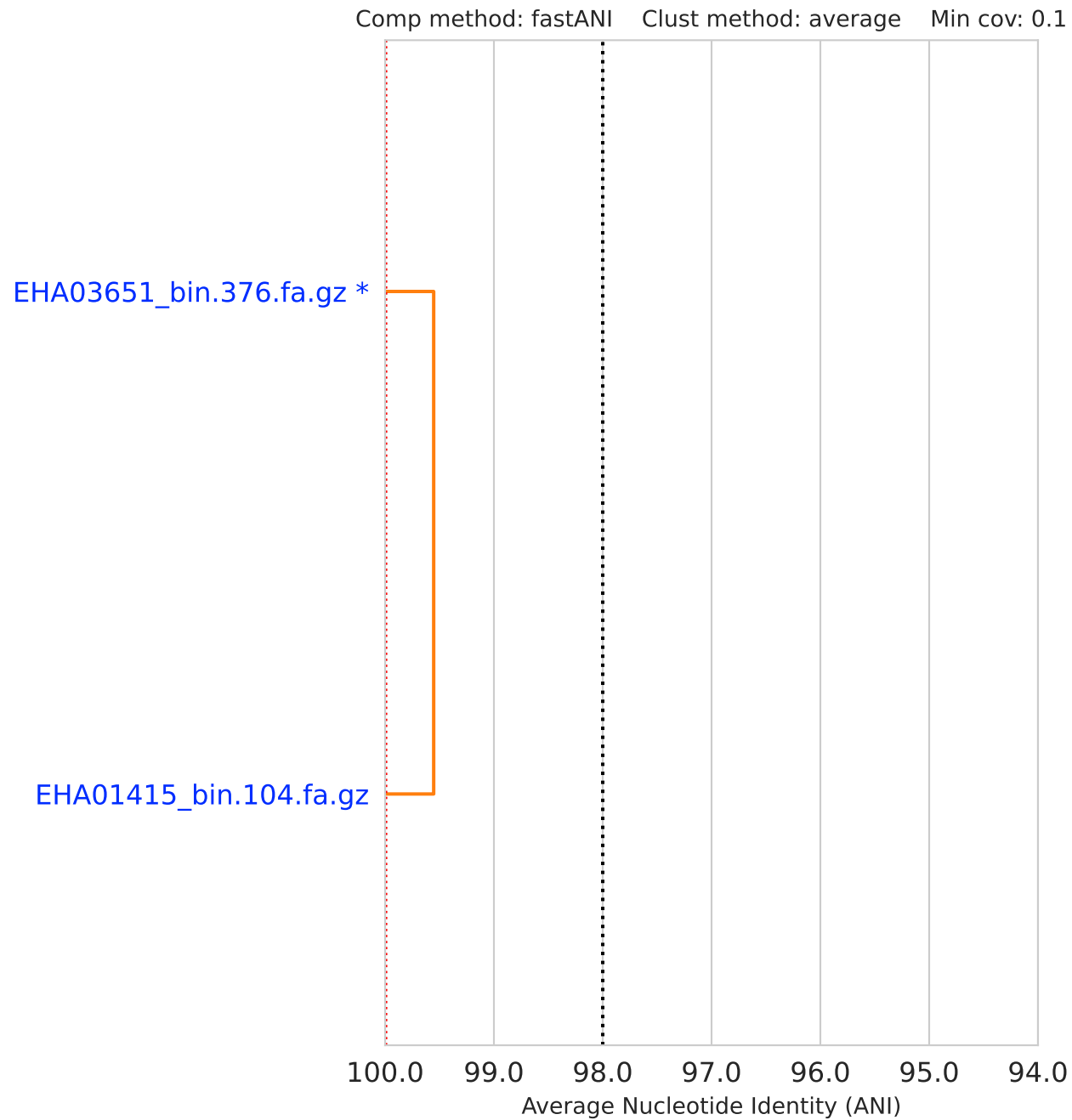




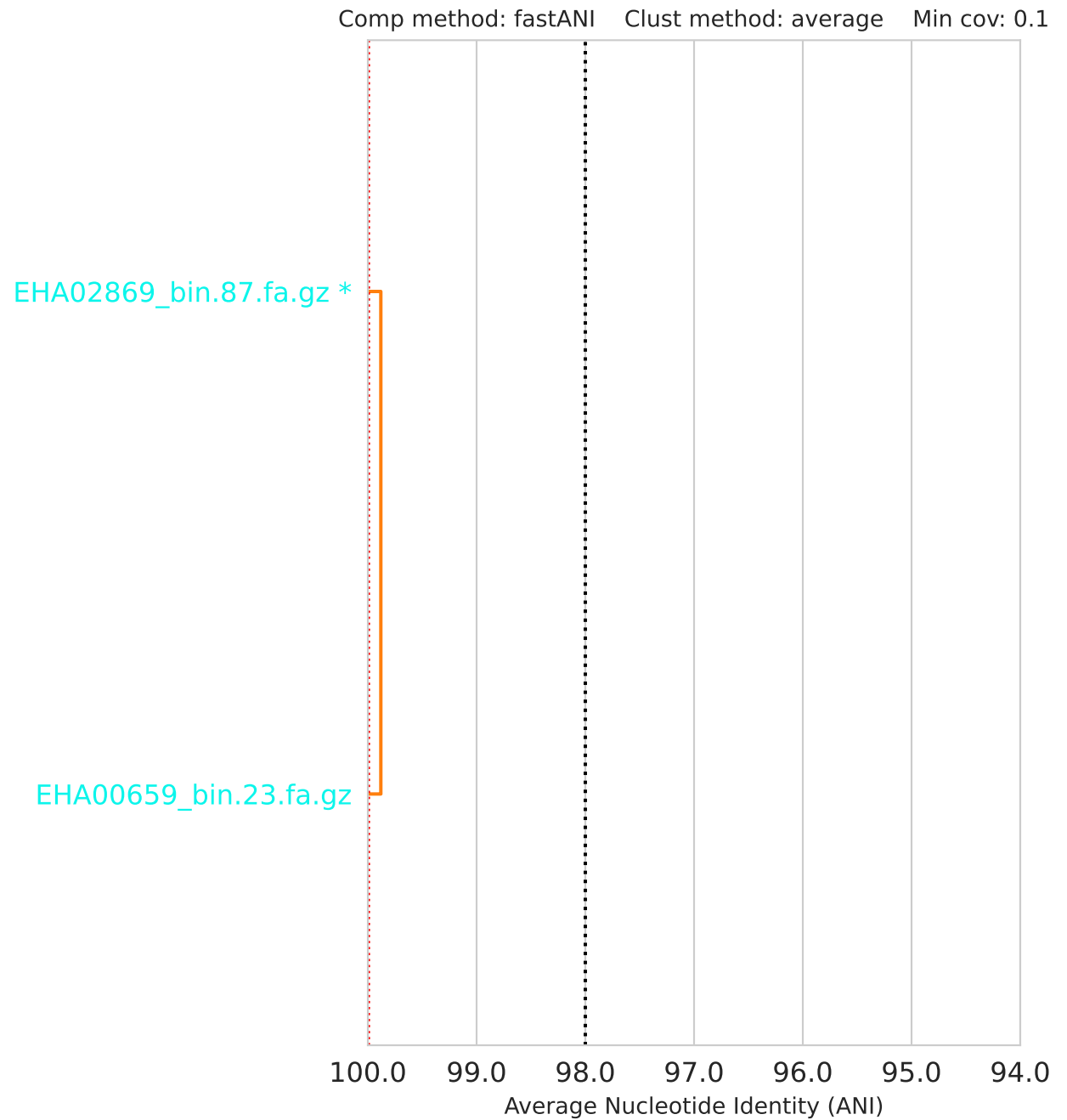
# Primary cluster 150



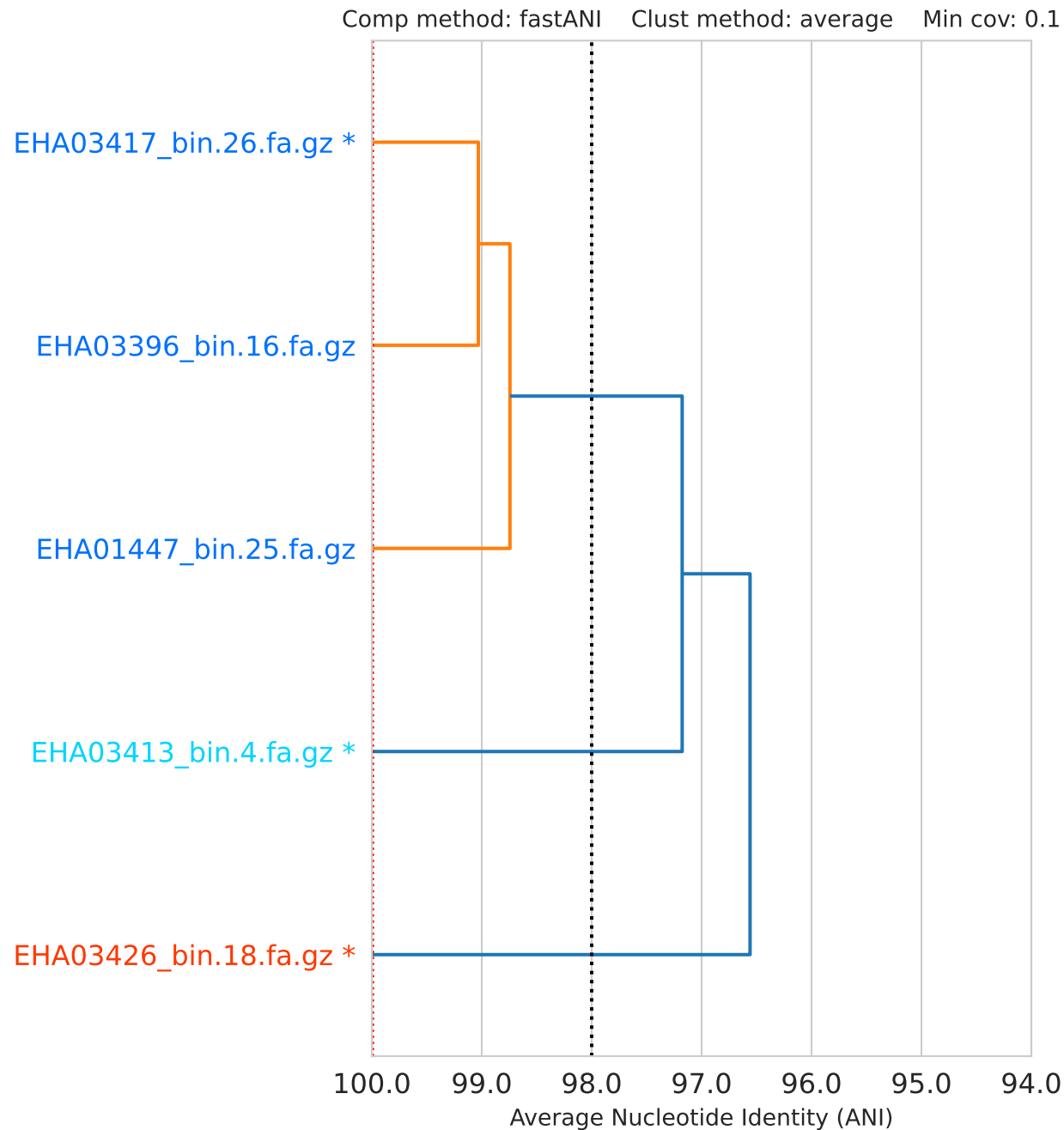
# Primary cluster 151



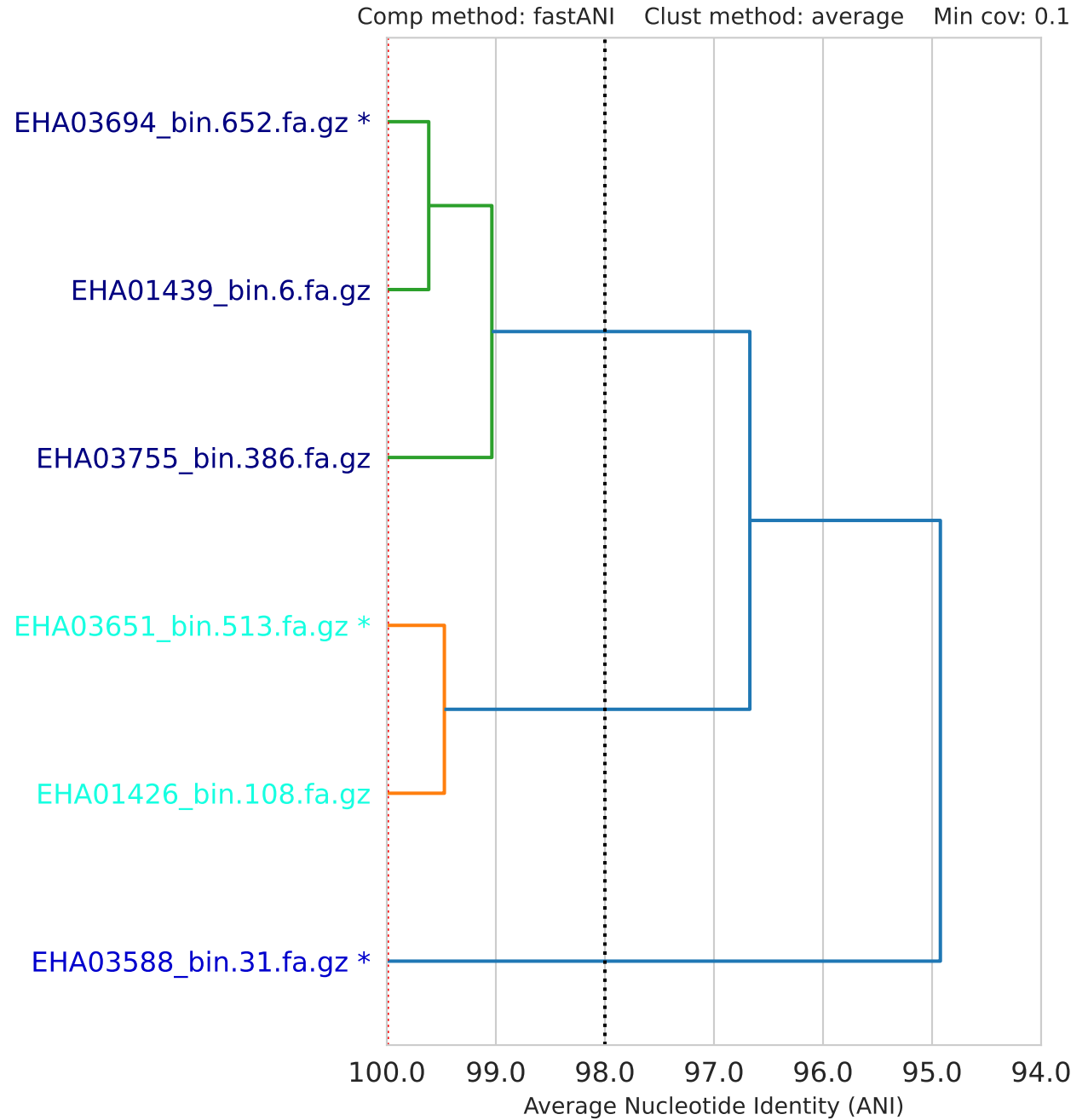
# Primary cluster 152



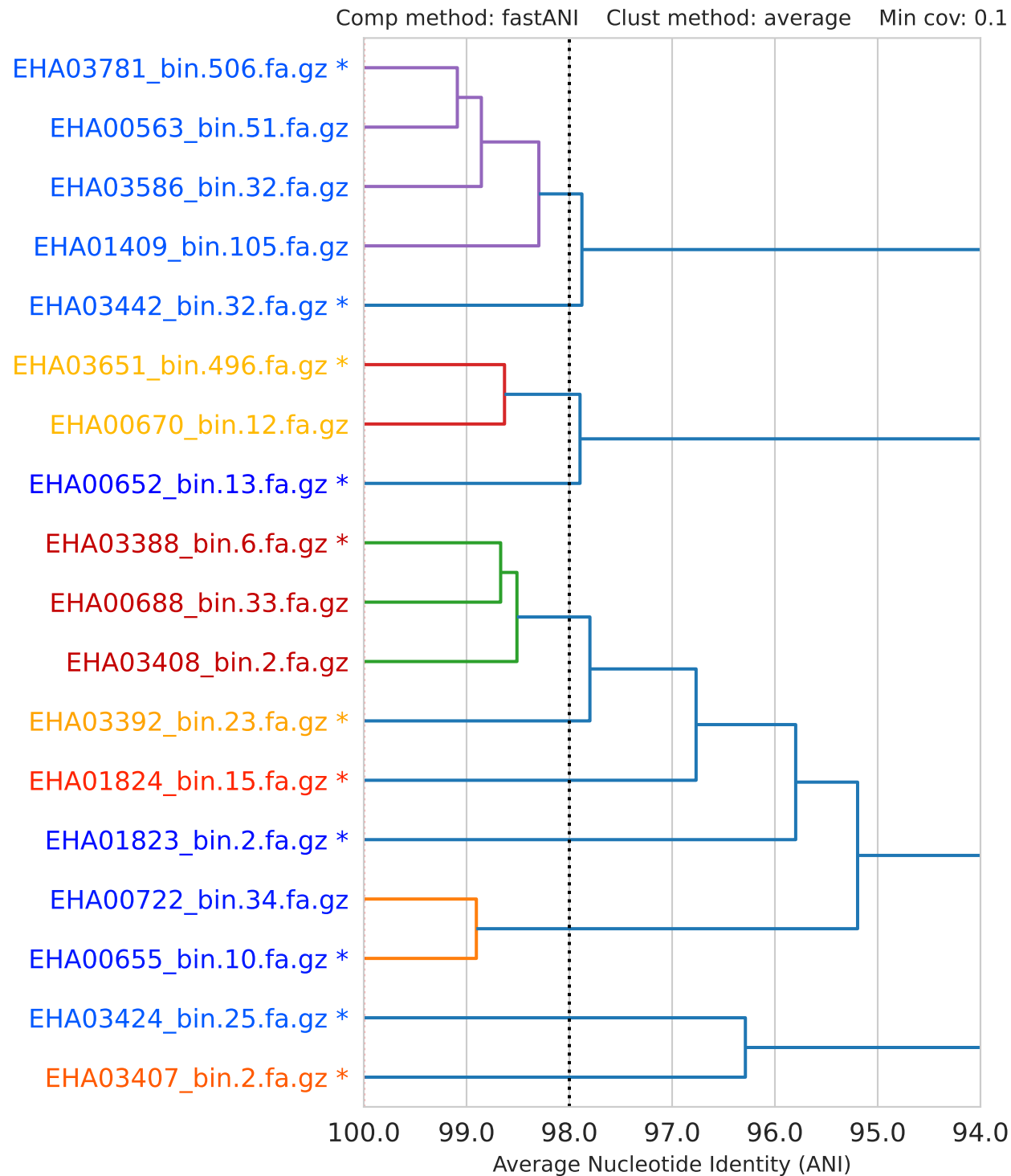
# Primary cluster 153



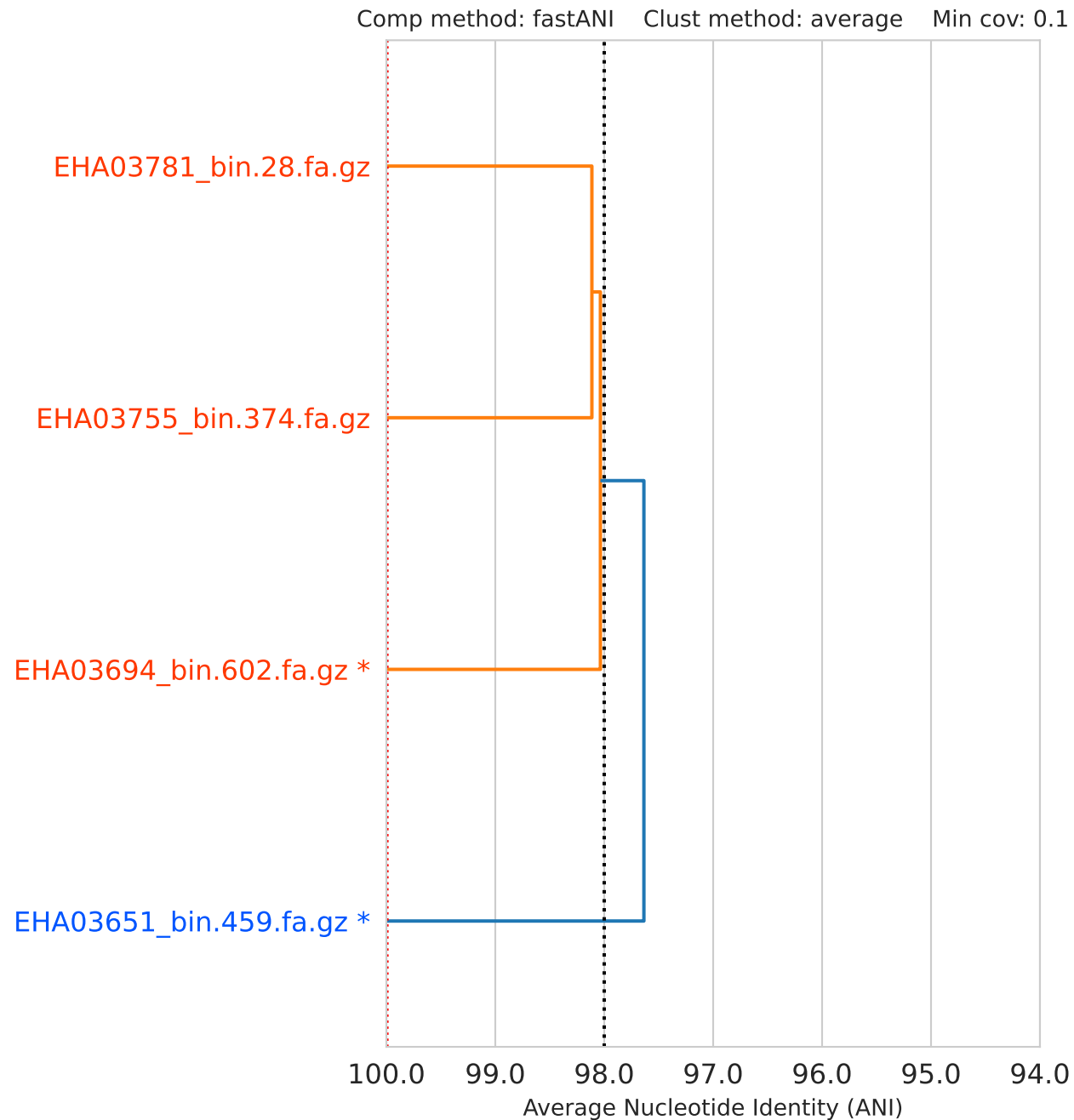
# Primary cluster 154



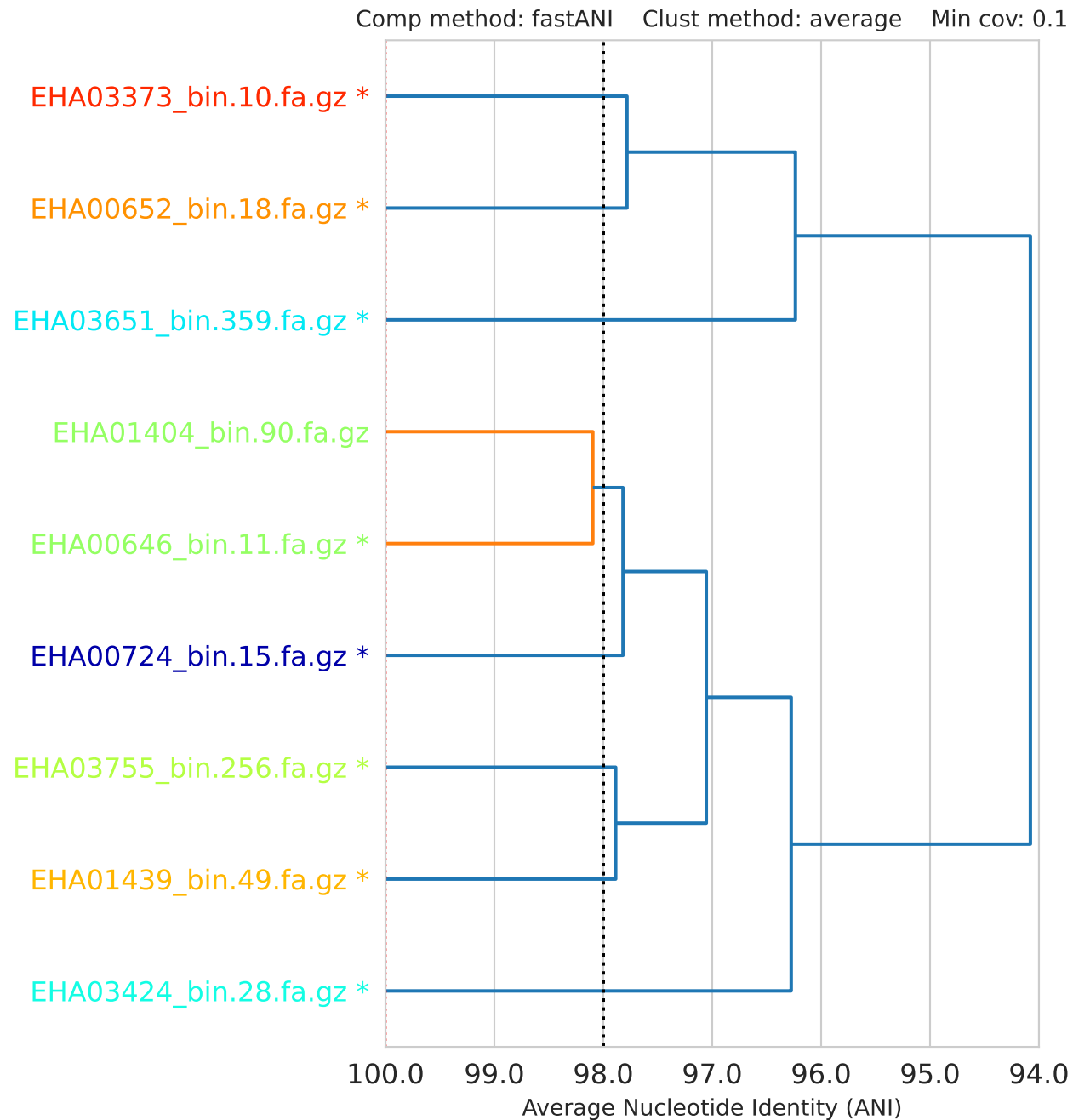
# Primary cluster 155



# Primary cluster 156

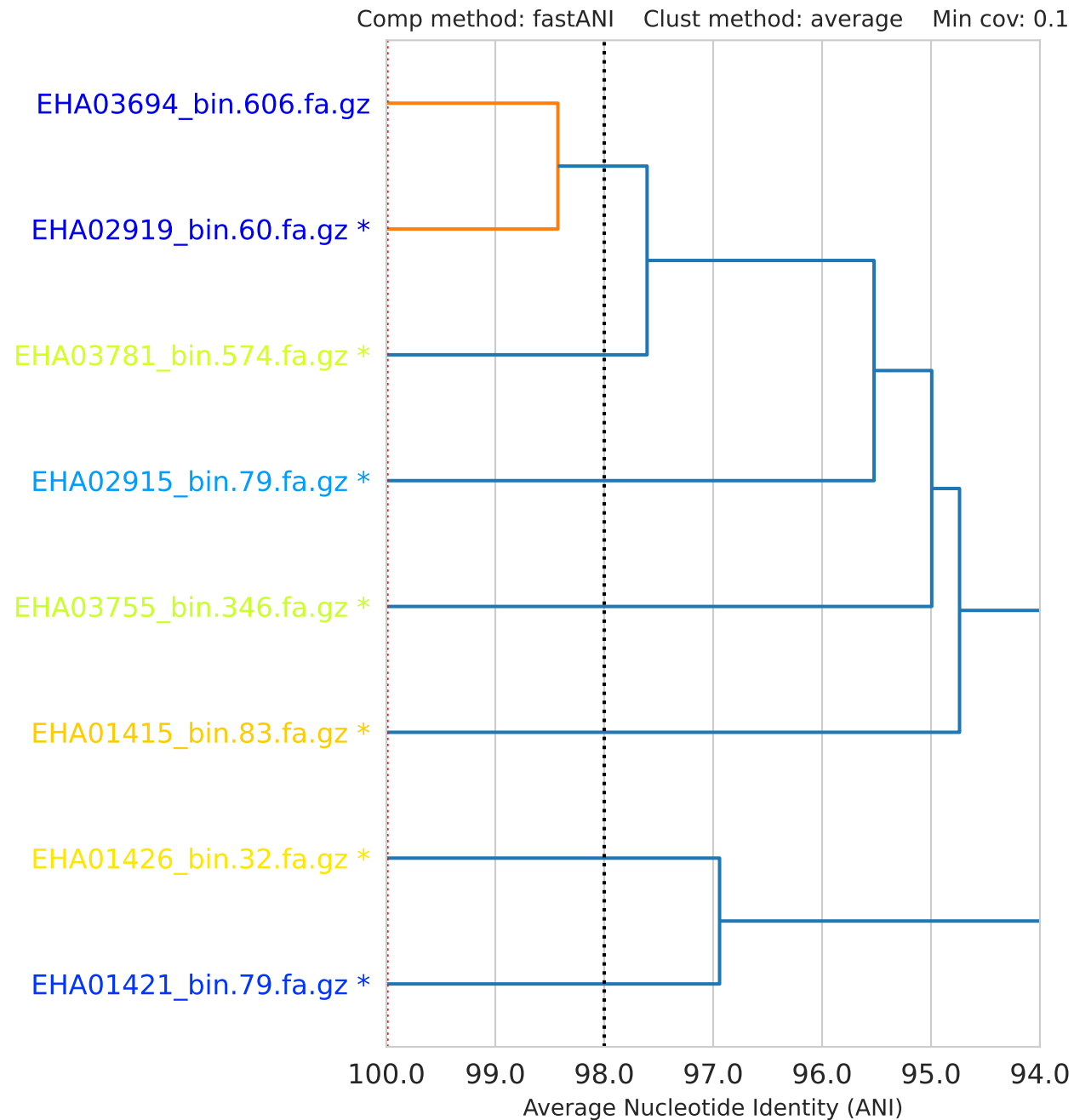


# Primary cluster 157

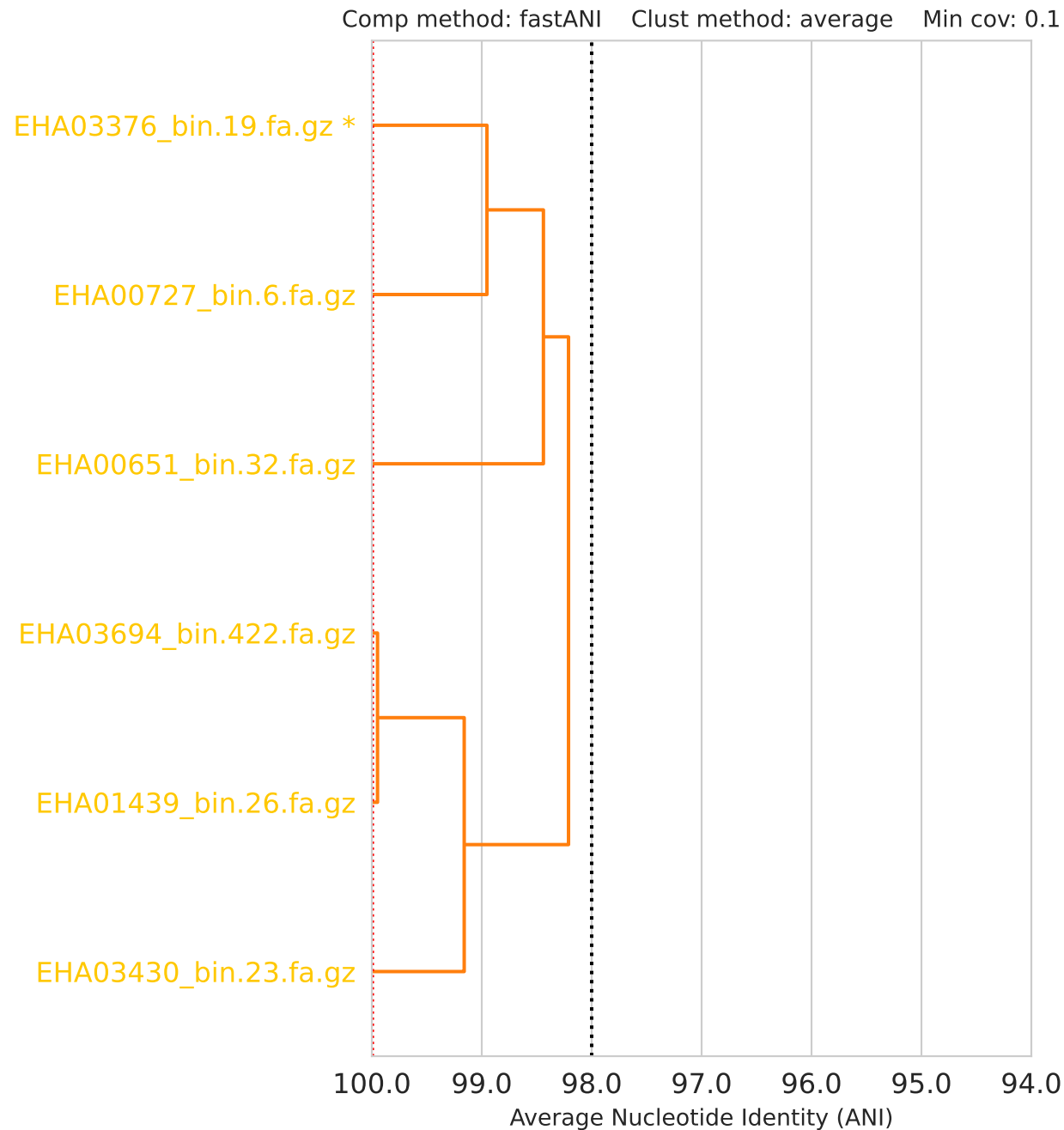




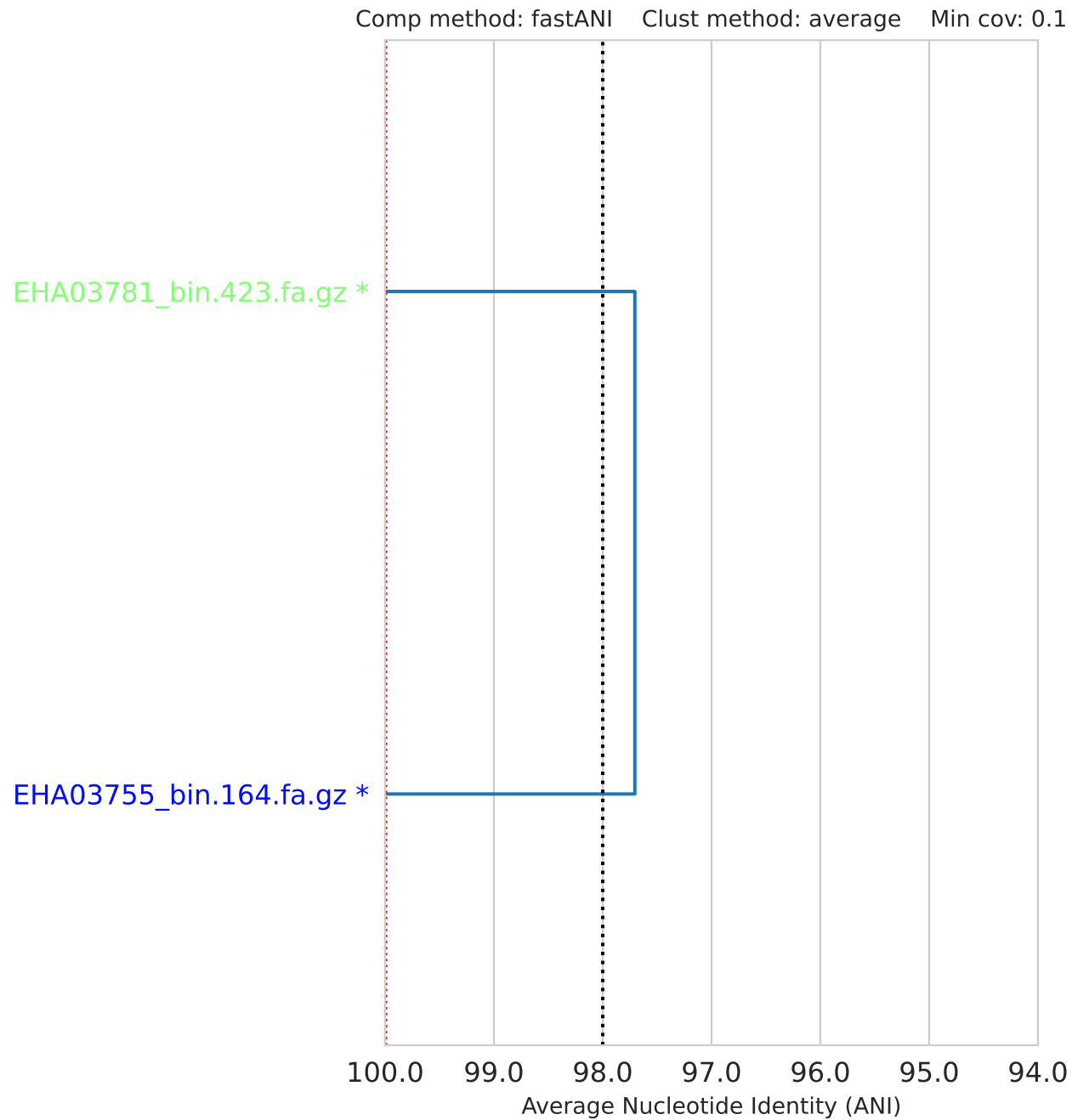
# Primary cluster 158



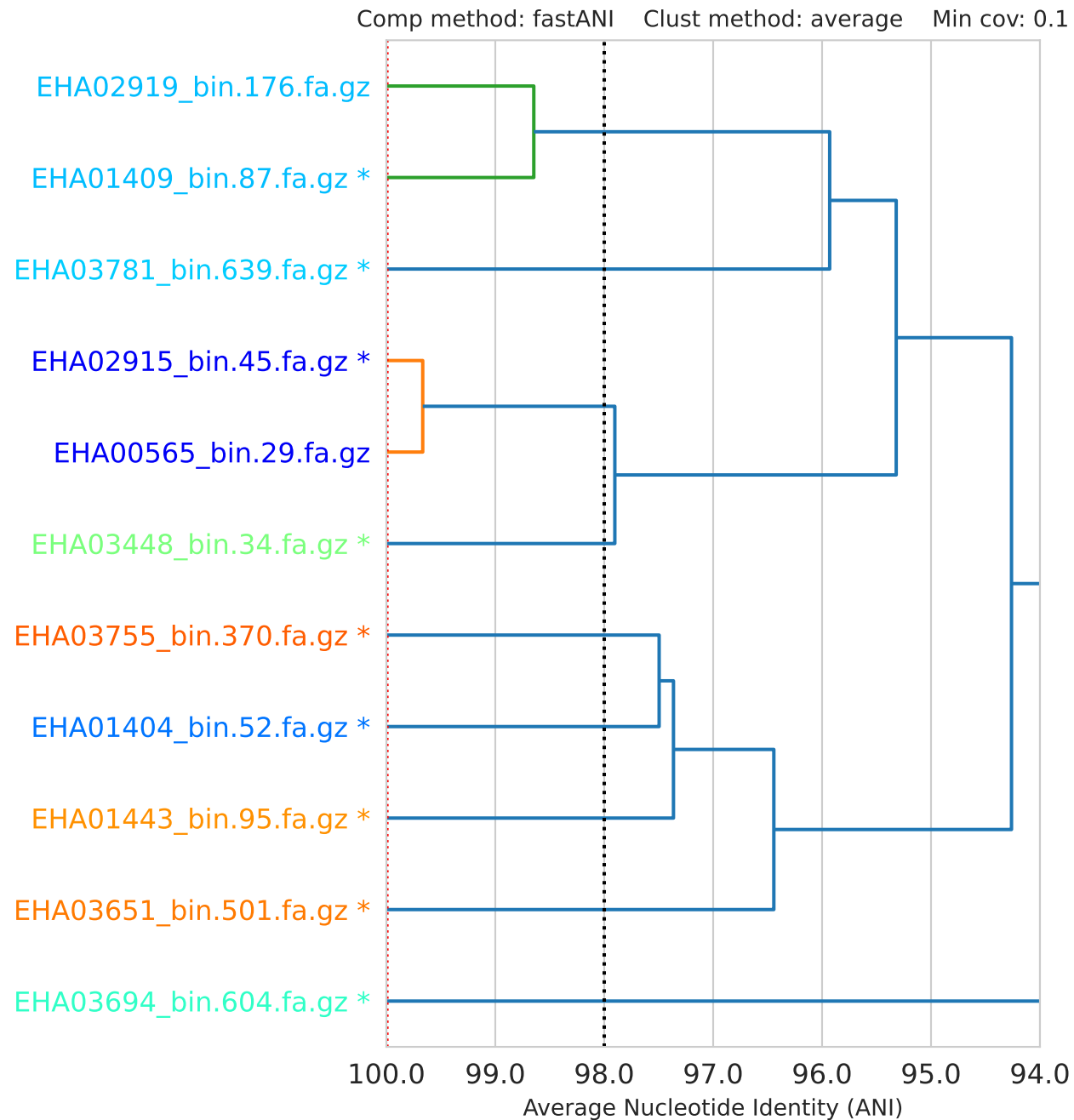
# Primary cluster 161



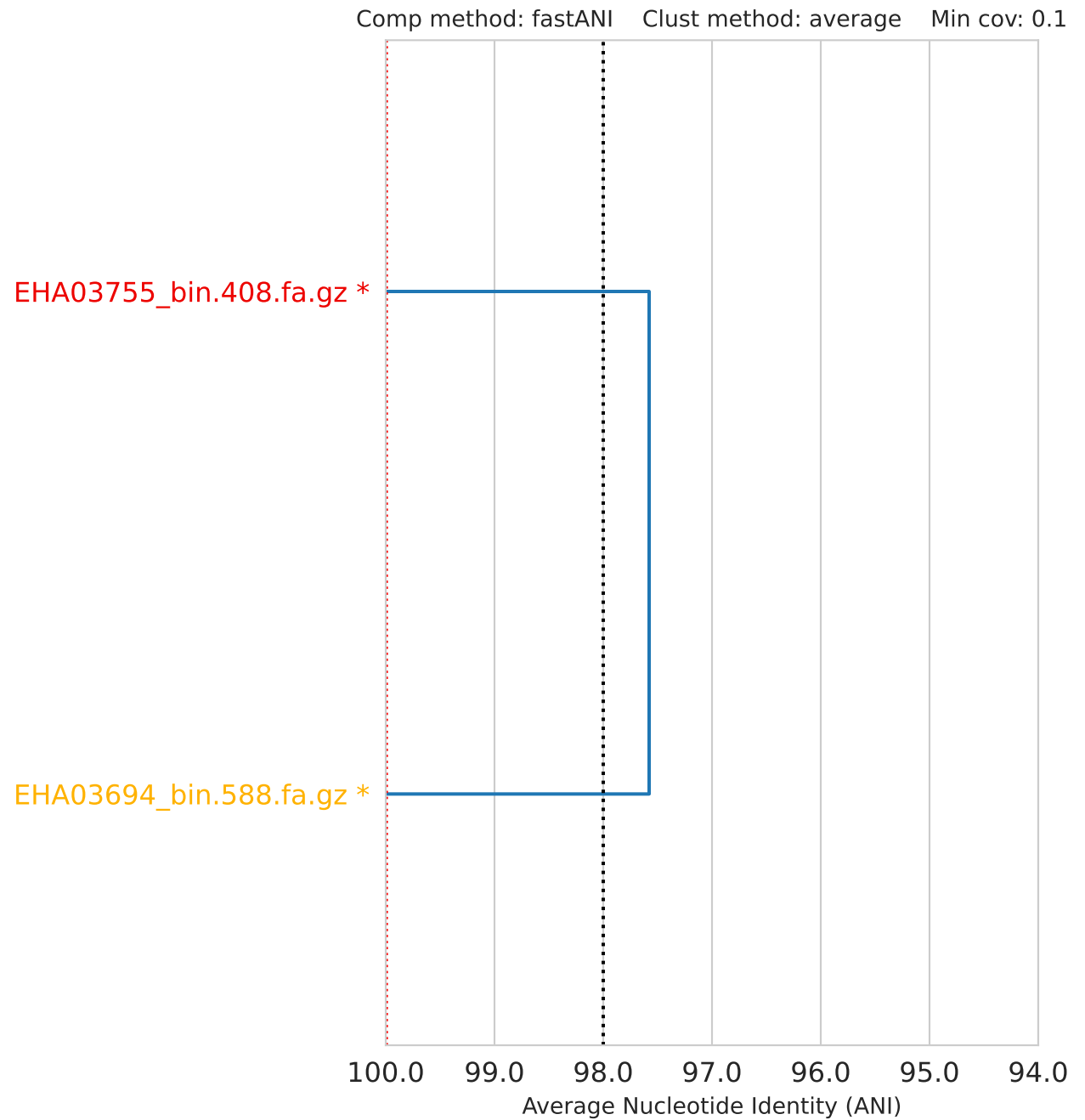
# Primary cluster 162



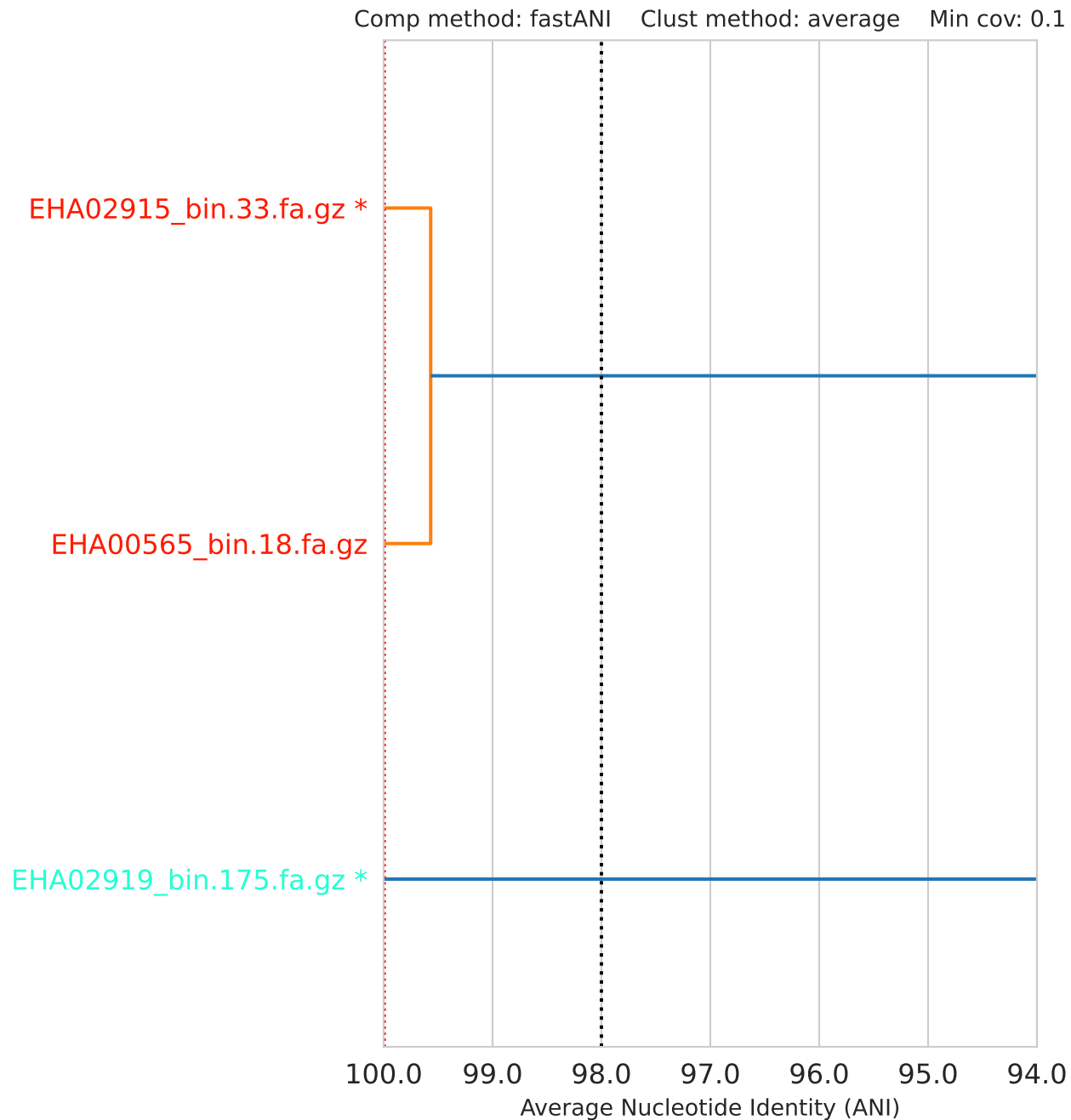
# Primary cluster 164



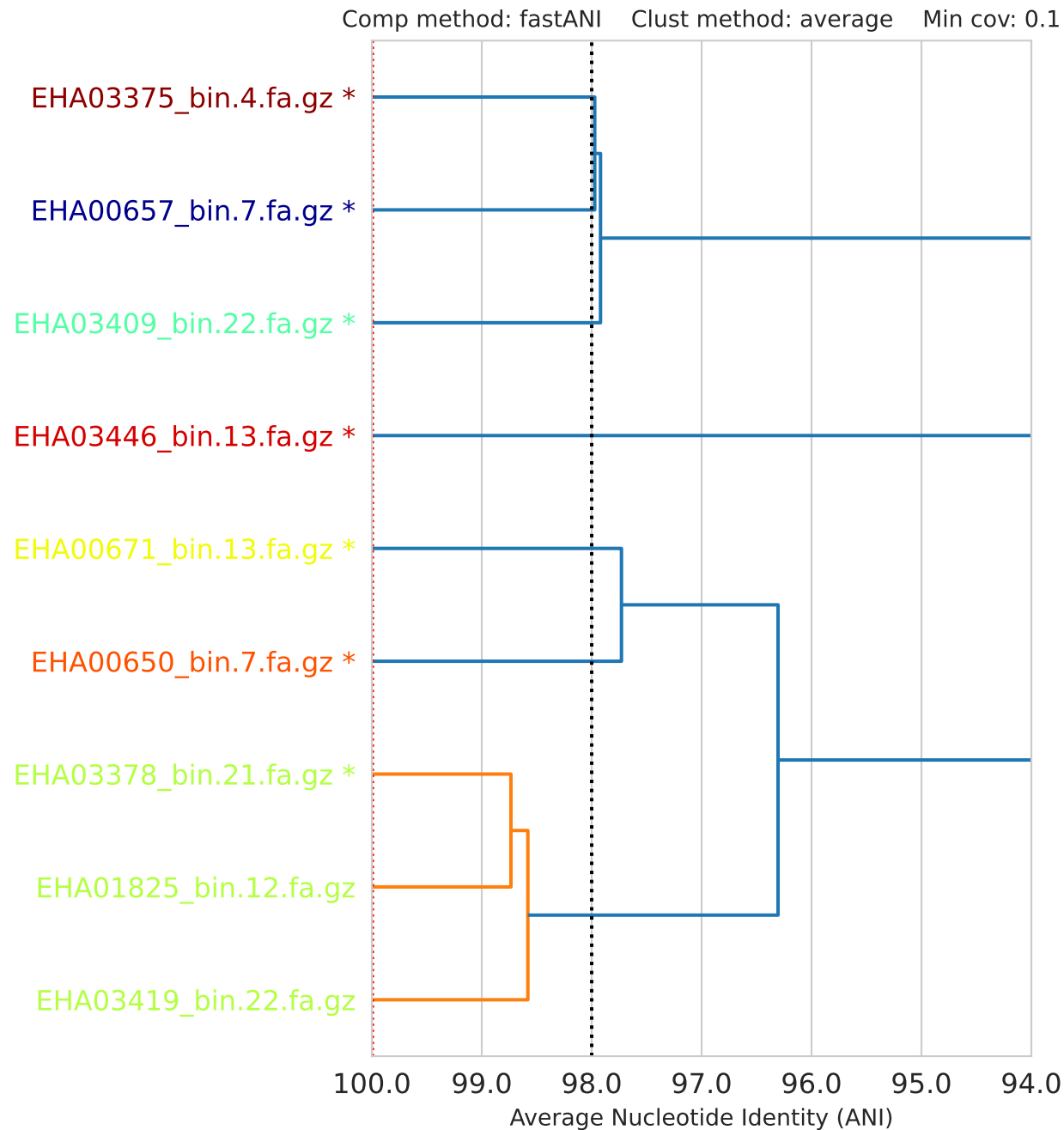
# Primary cluster 165



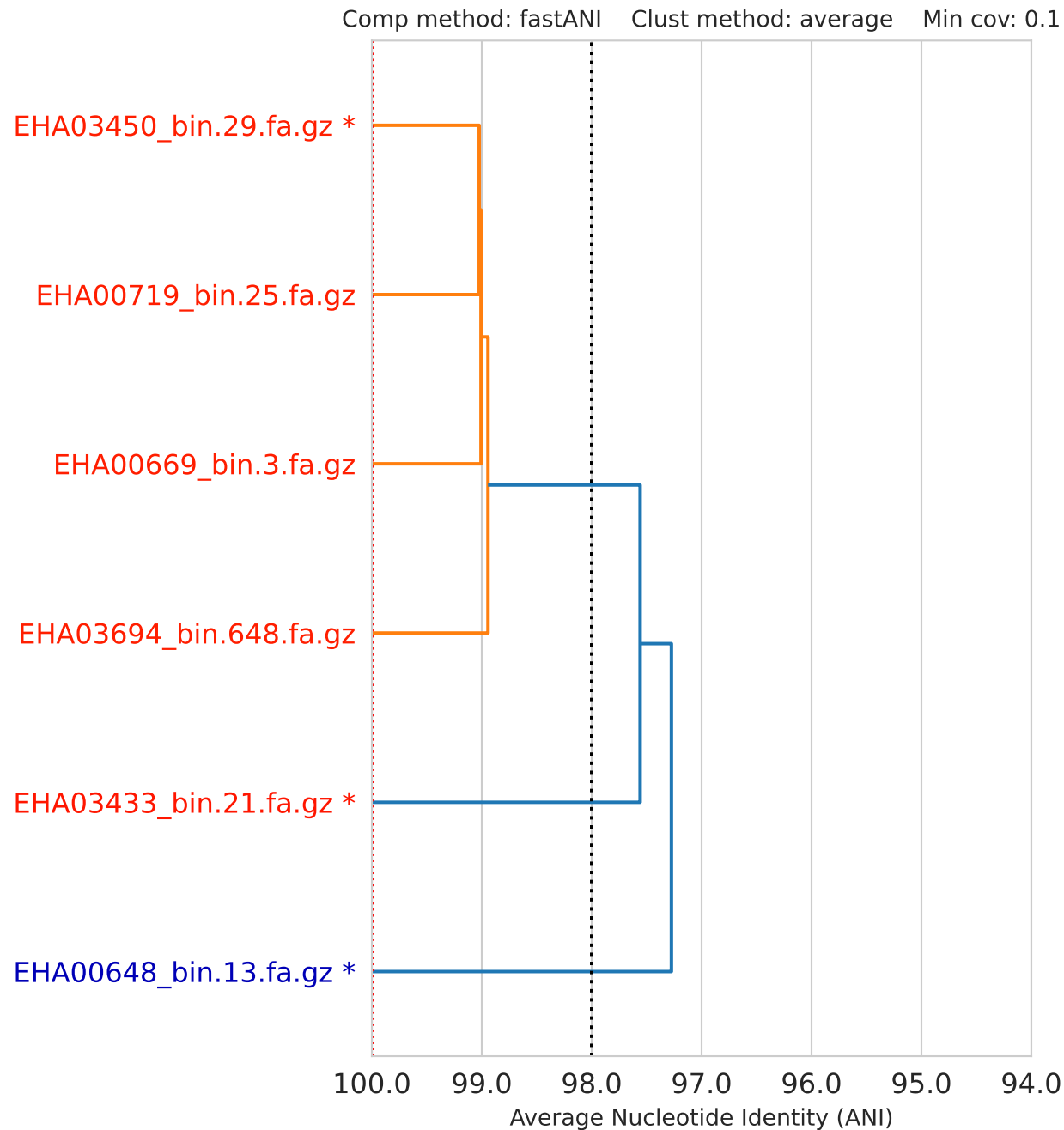
# Primary cluster 166



# Primary cluster 167

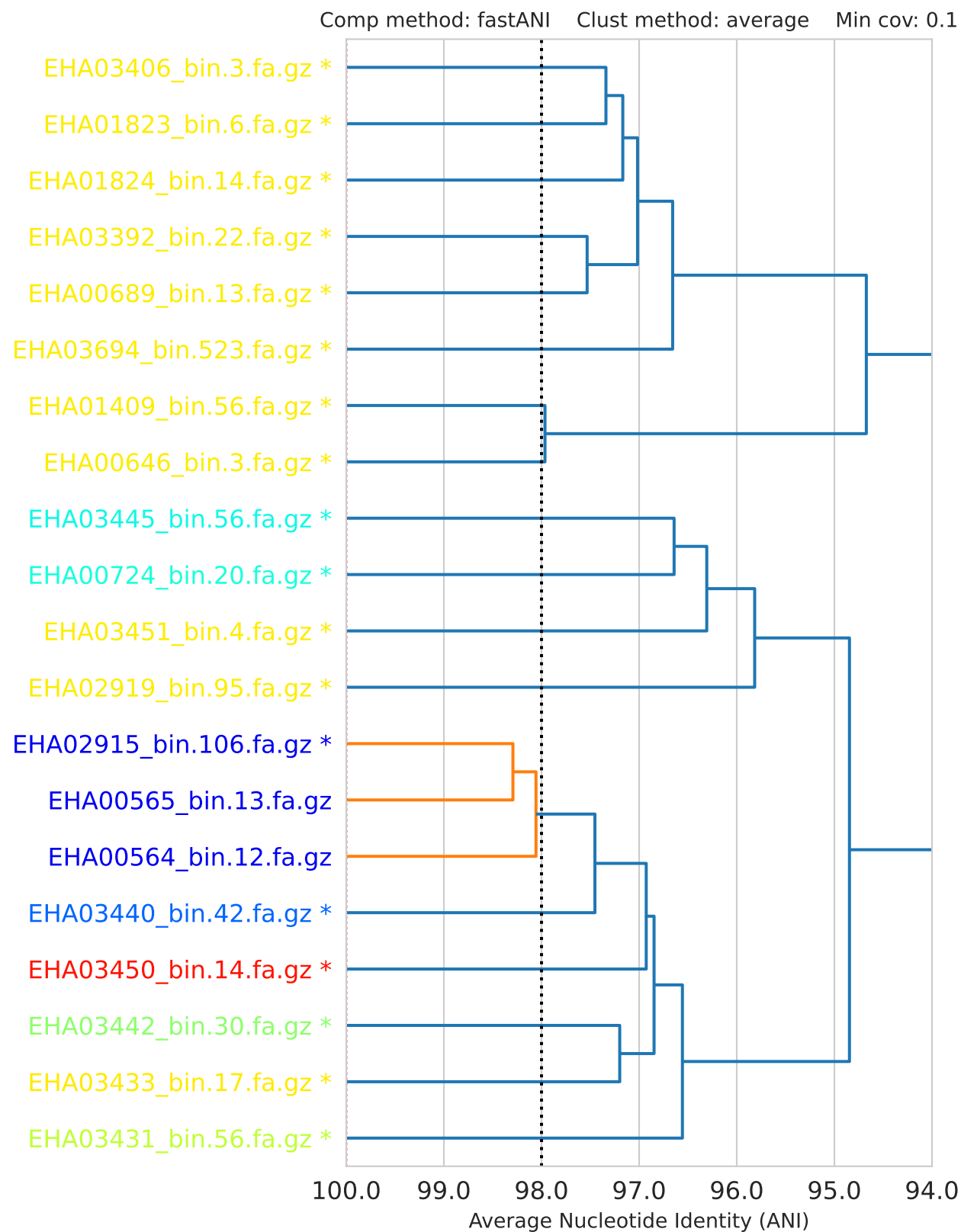


# Primary cluster 168

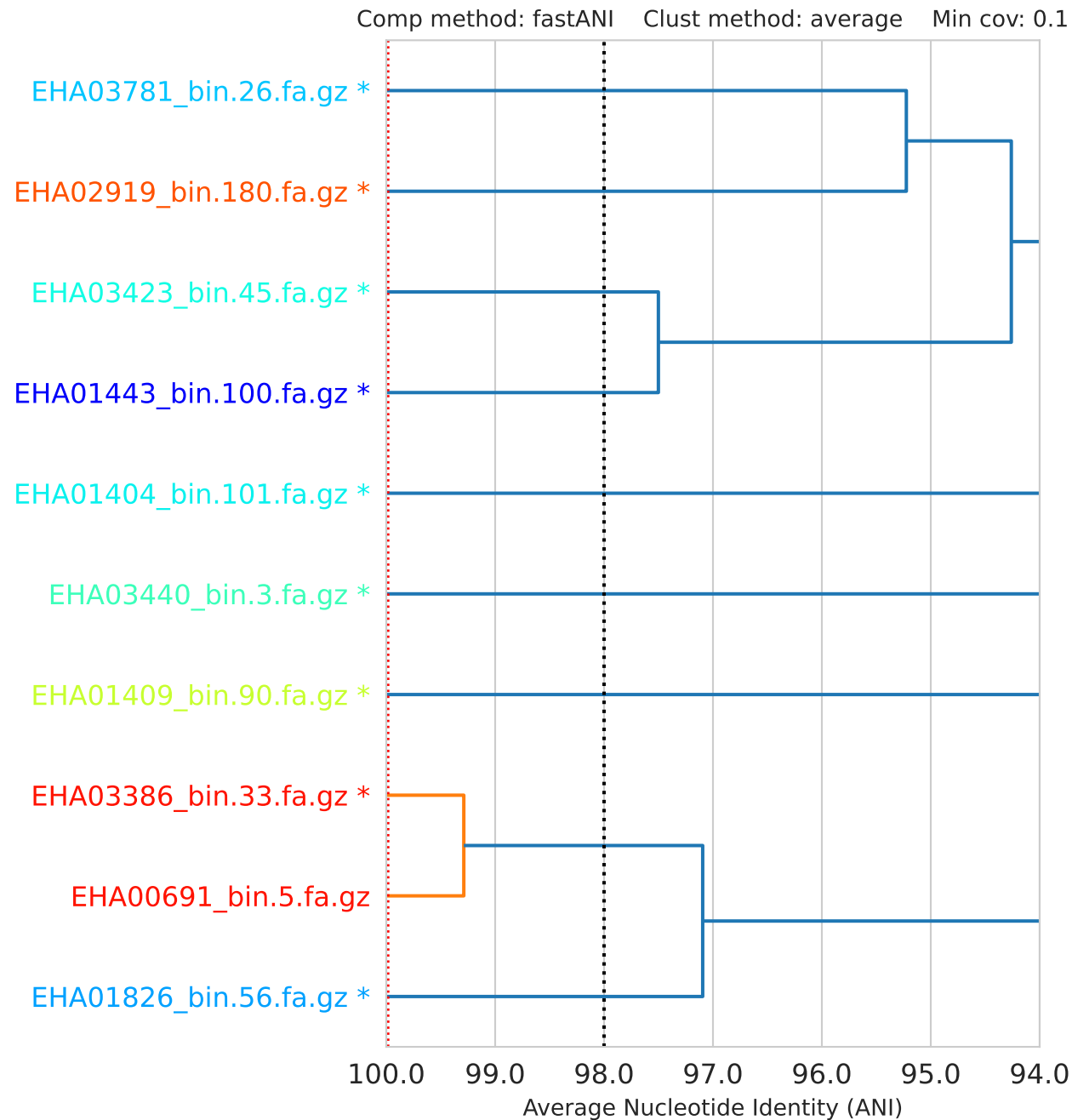




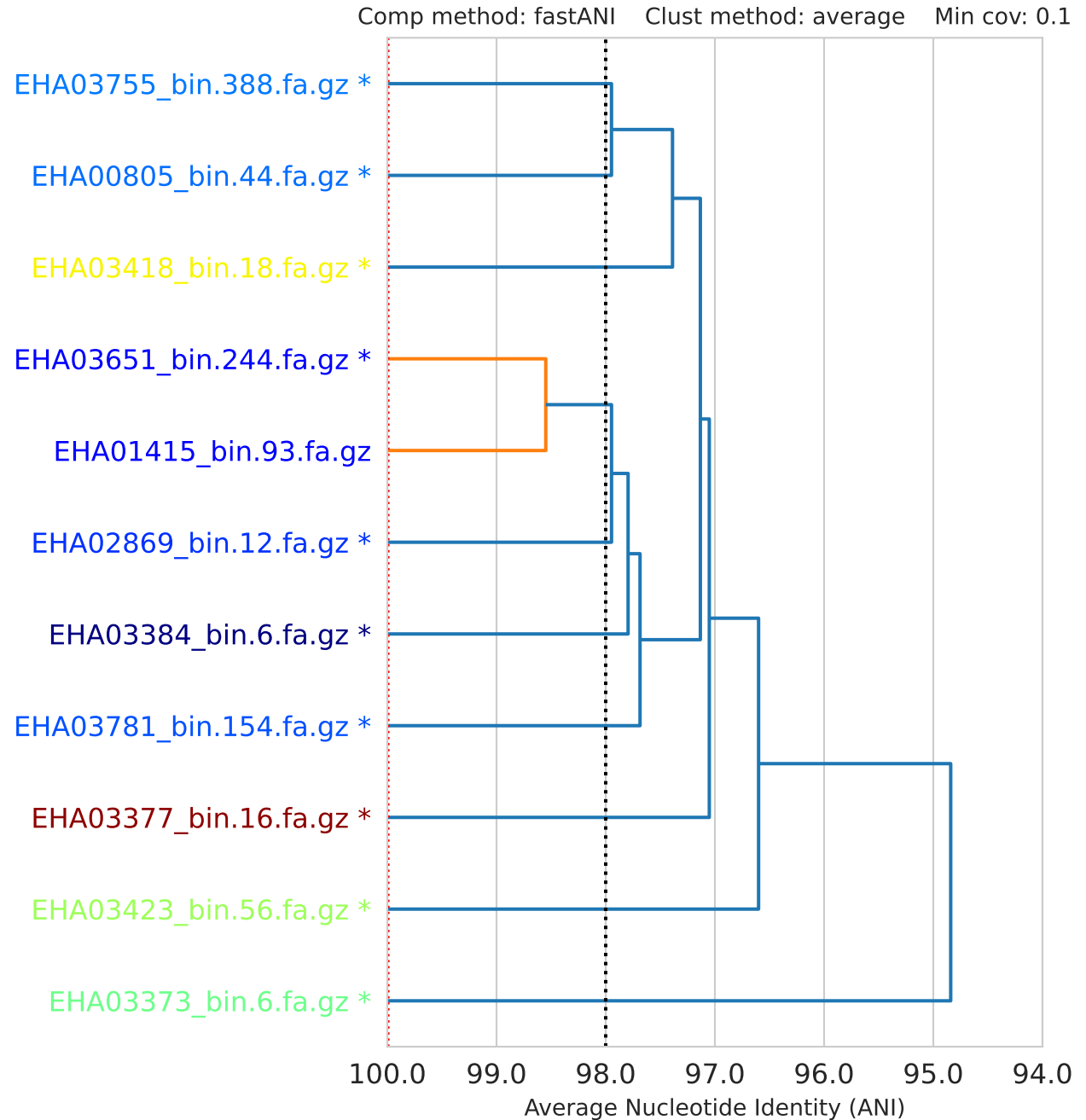
# Primary cluster 169



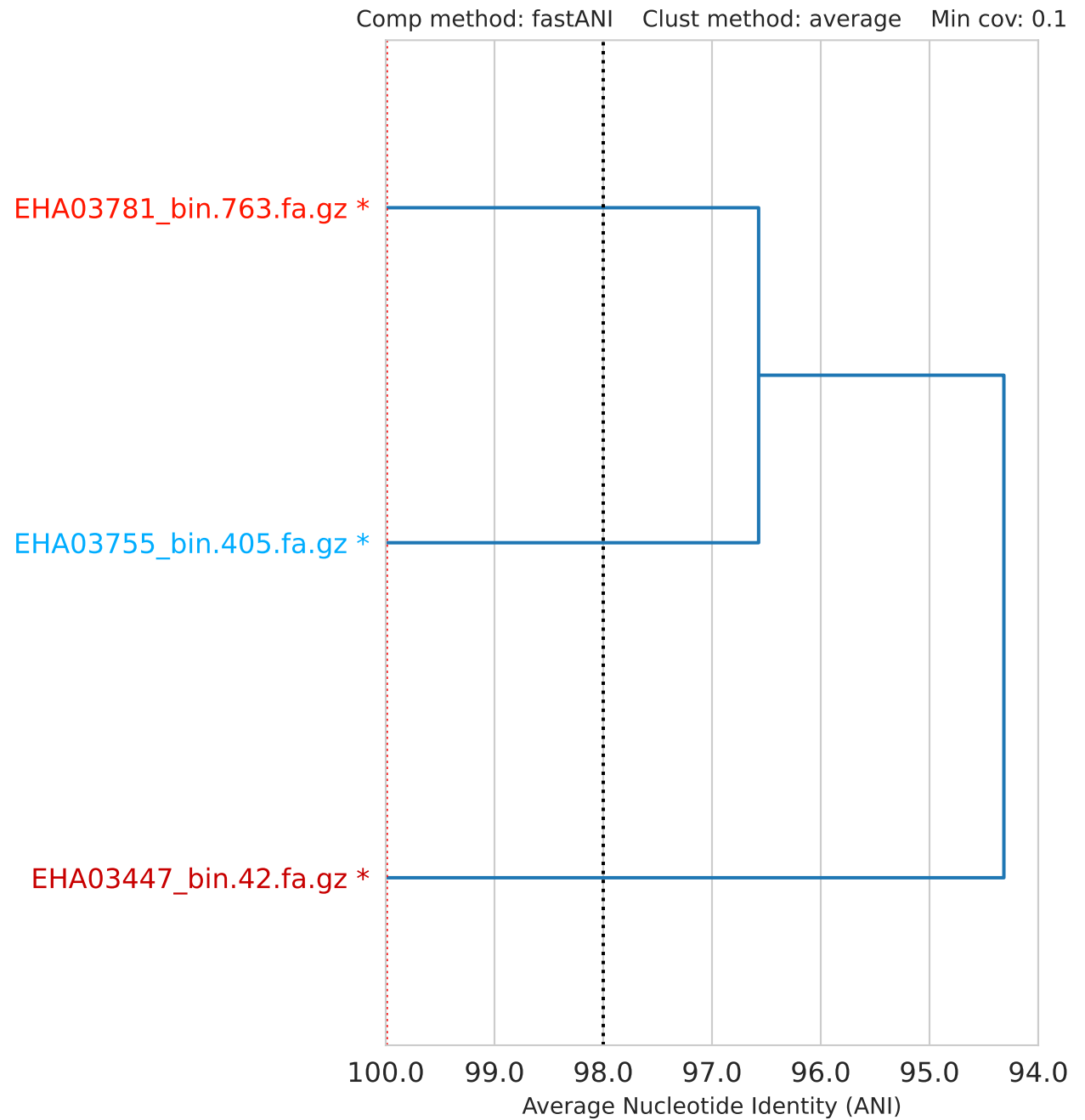
# Primary cluster 171



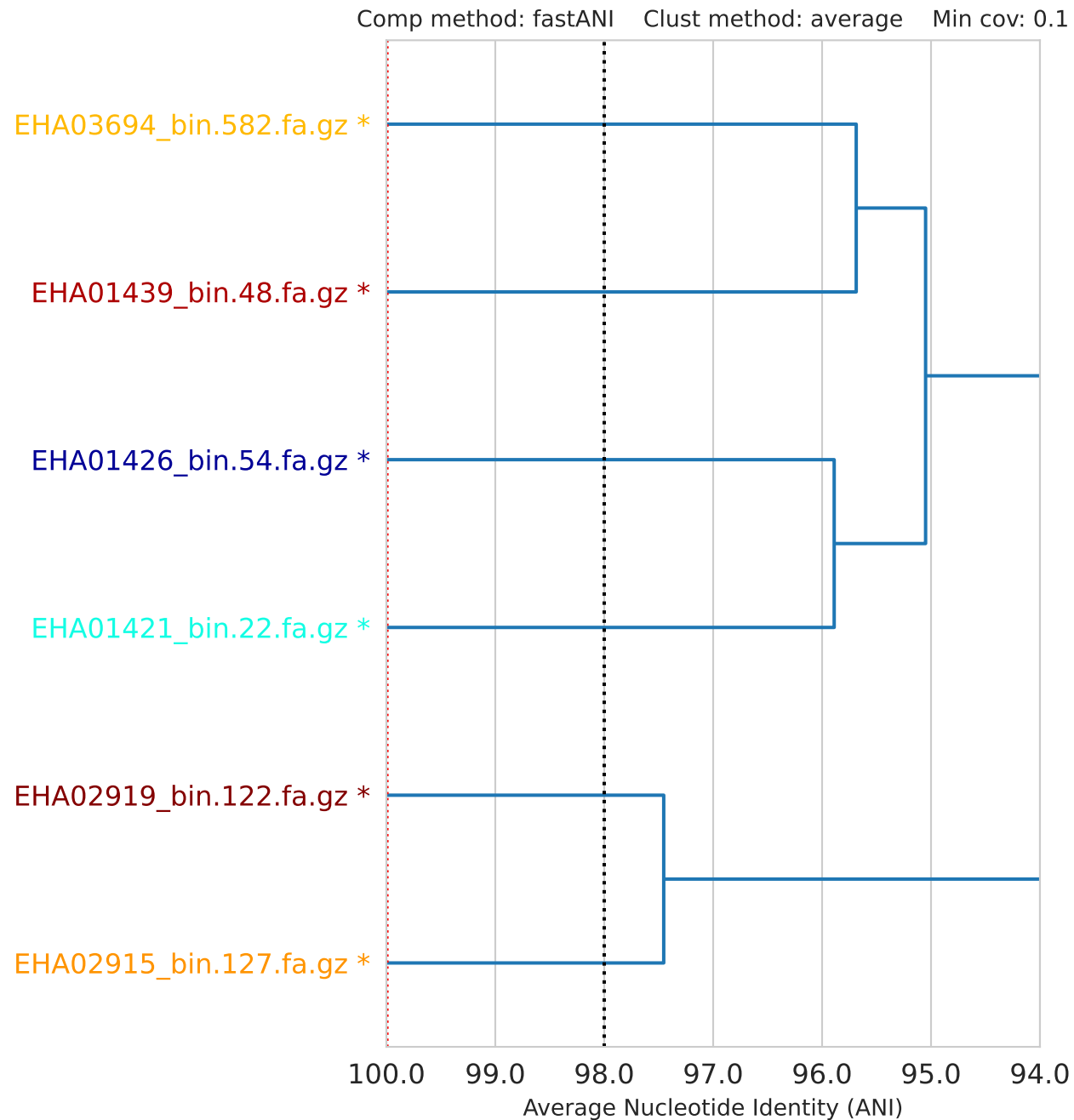
# Primary cluster 172



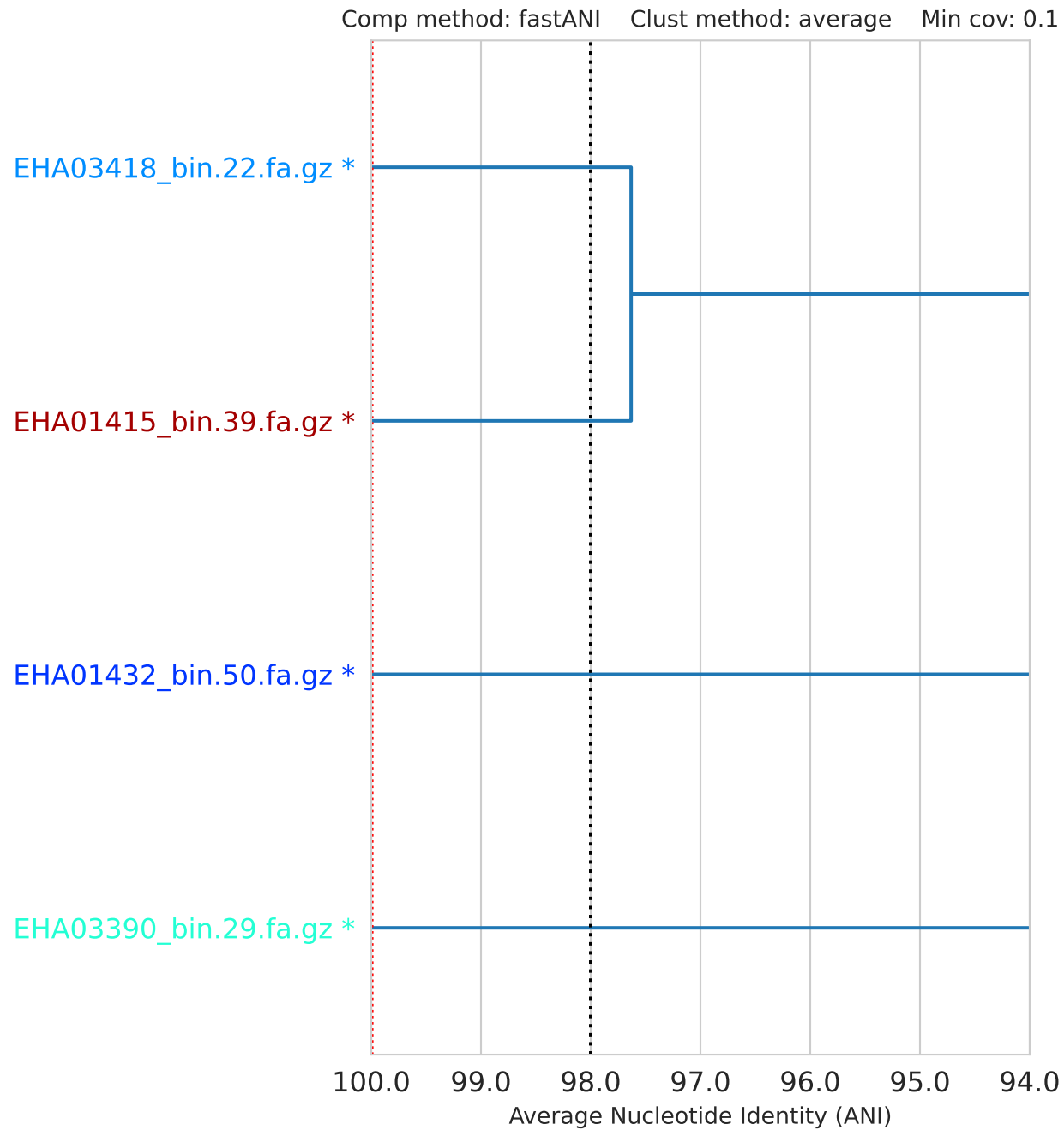
# Primary cluster 173



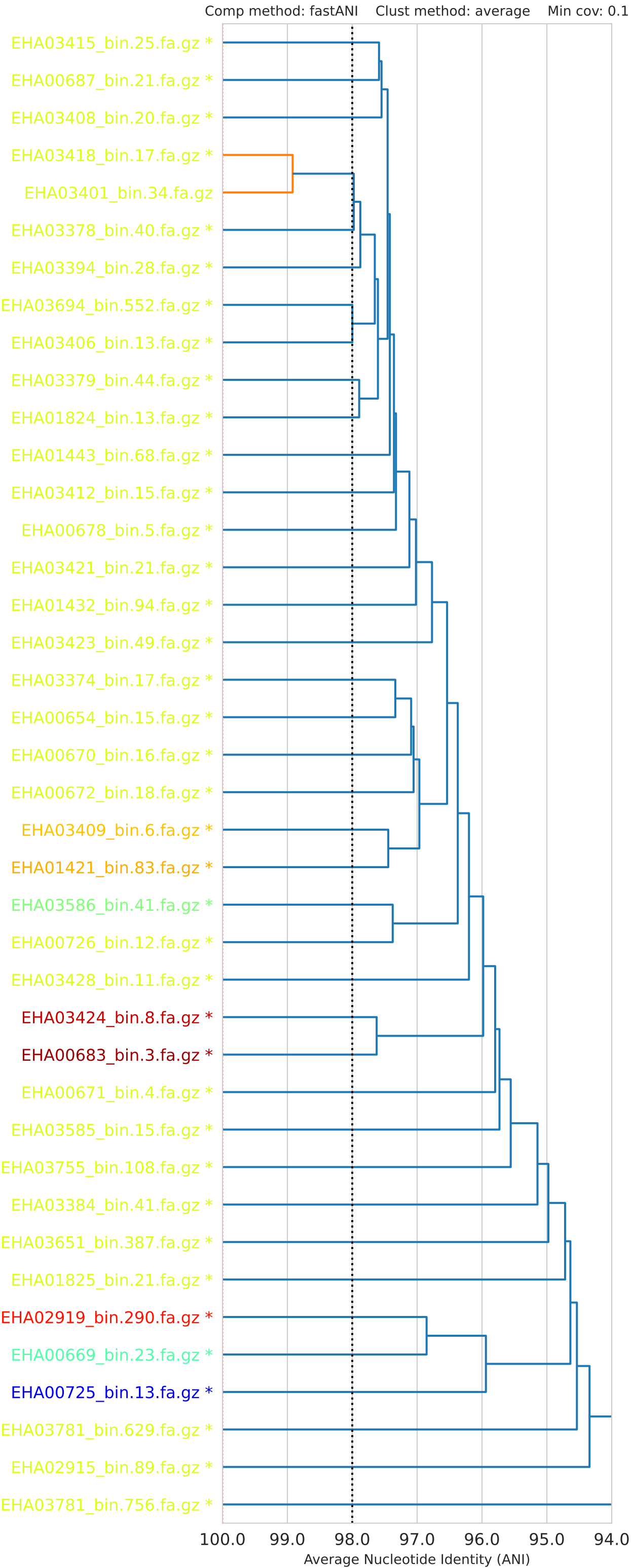
# Primary cluster 174



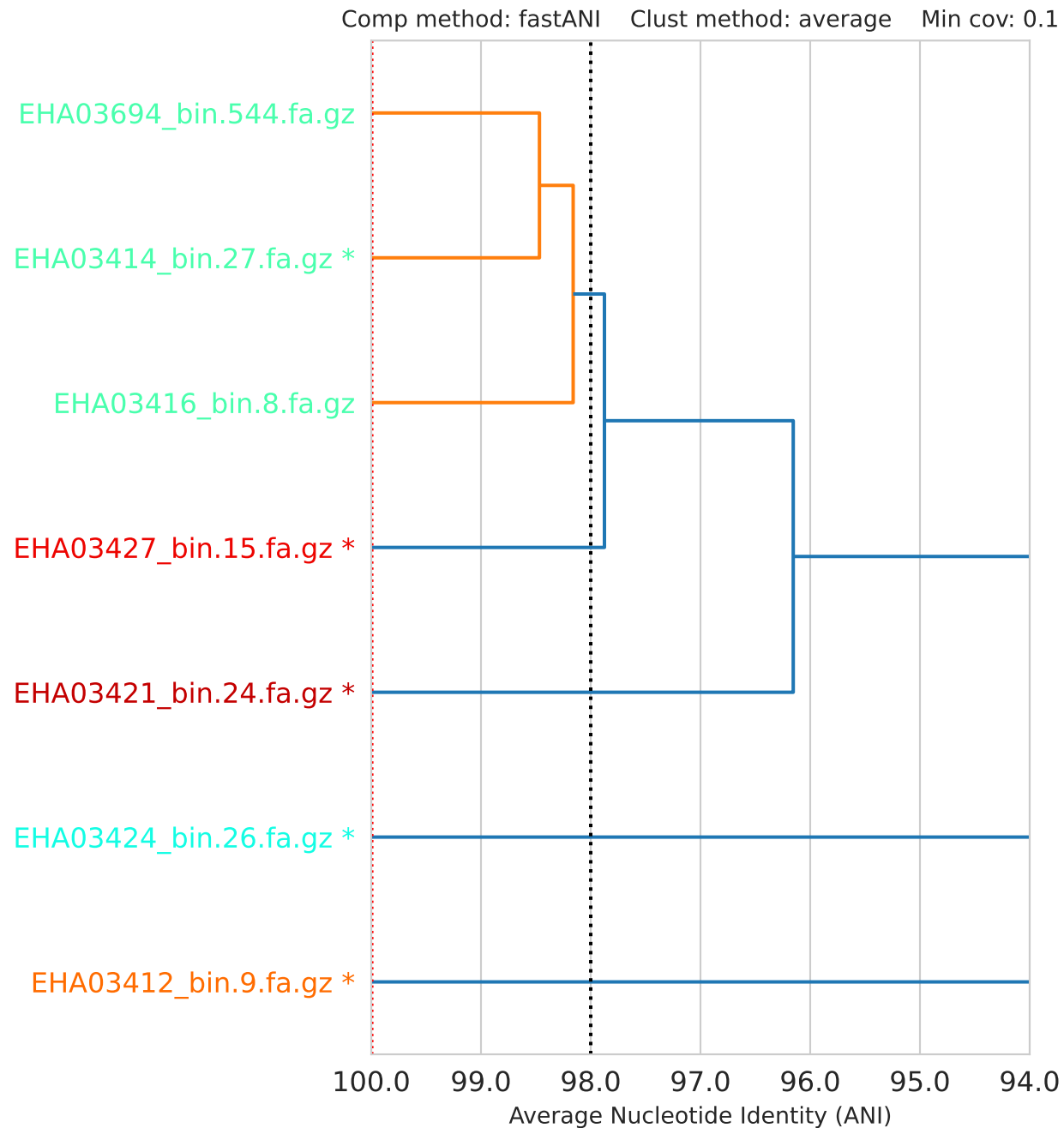
# Primary cluster 175



Primary cluster 176

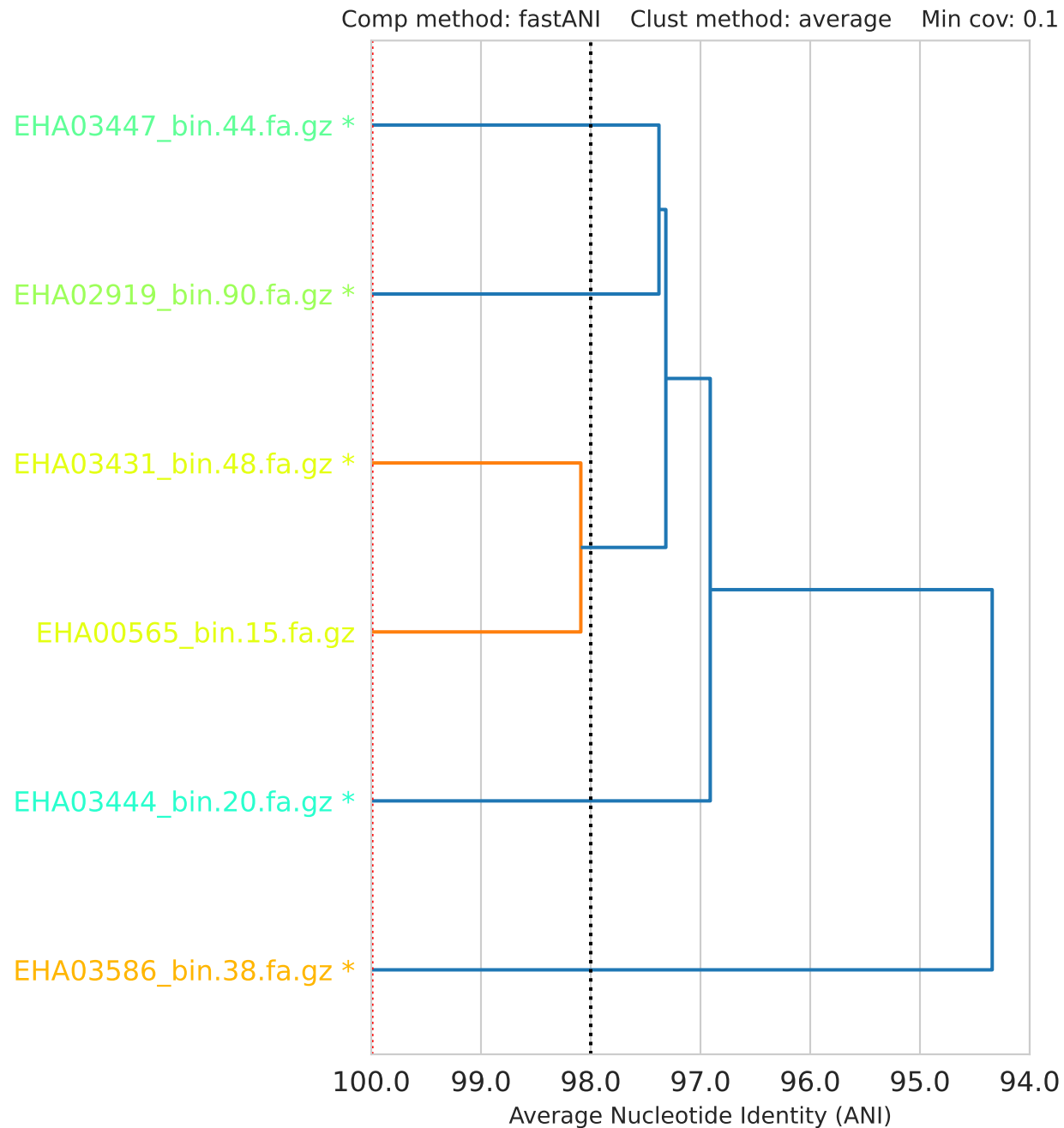


# Primary cluster 177

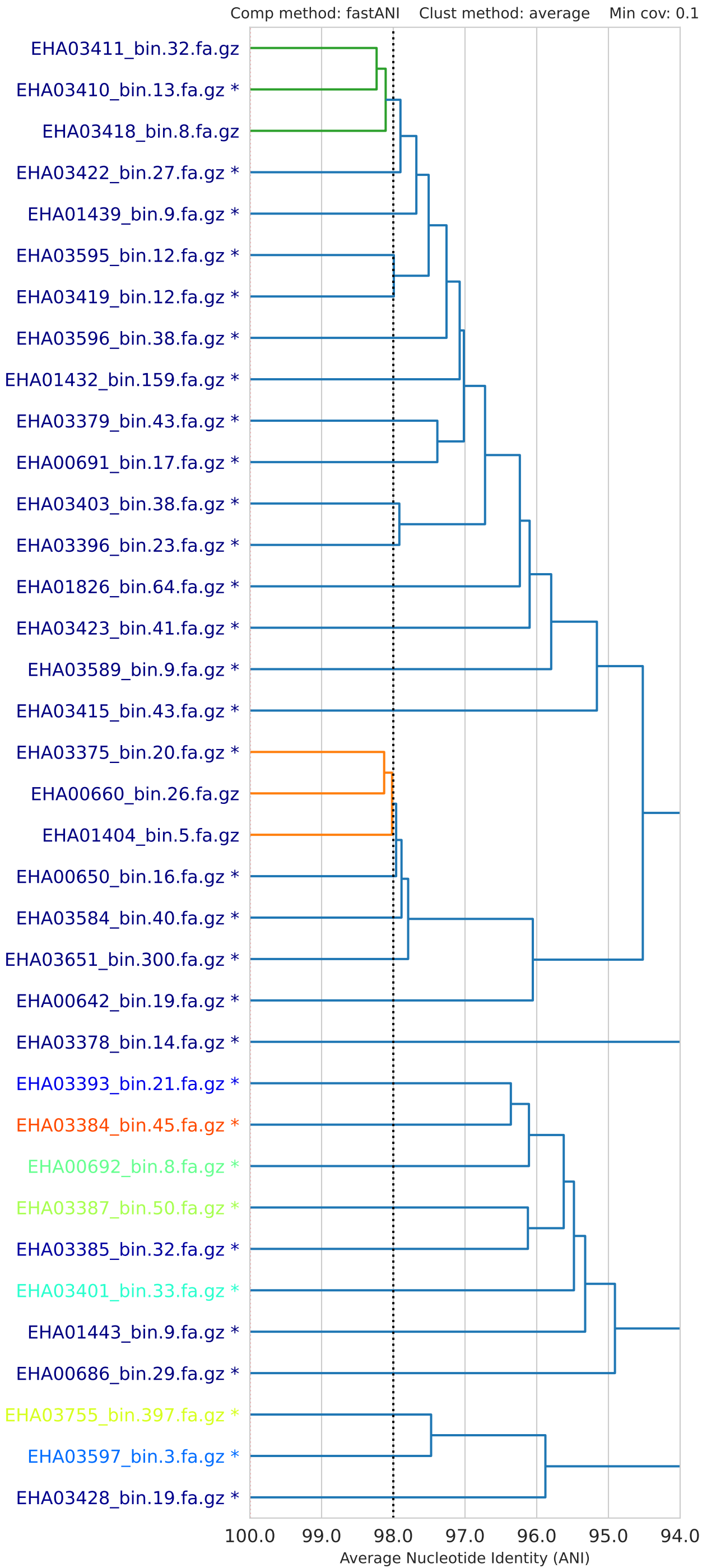




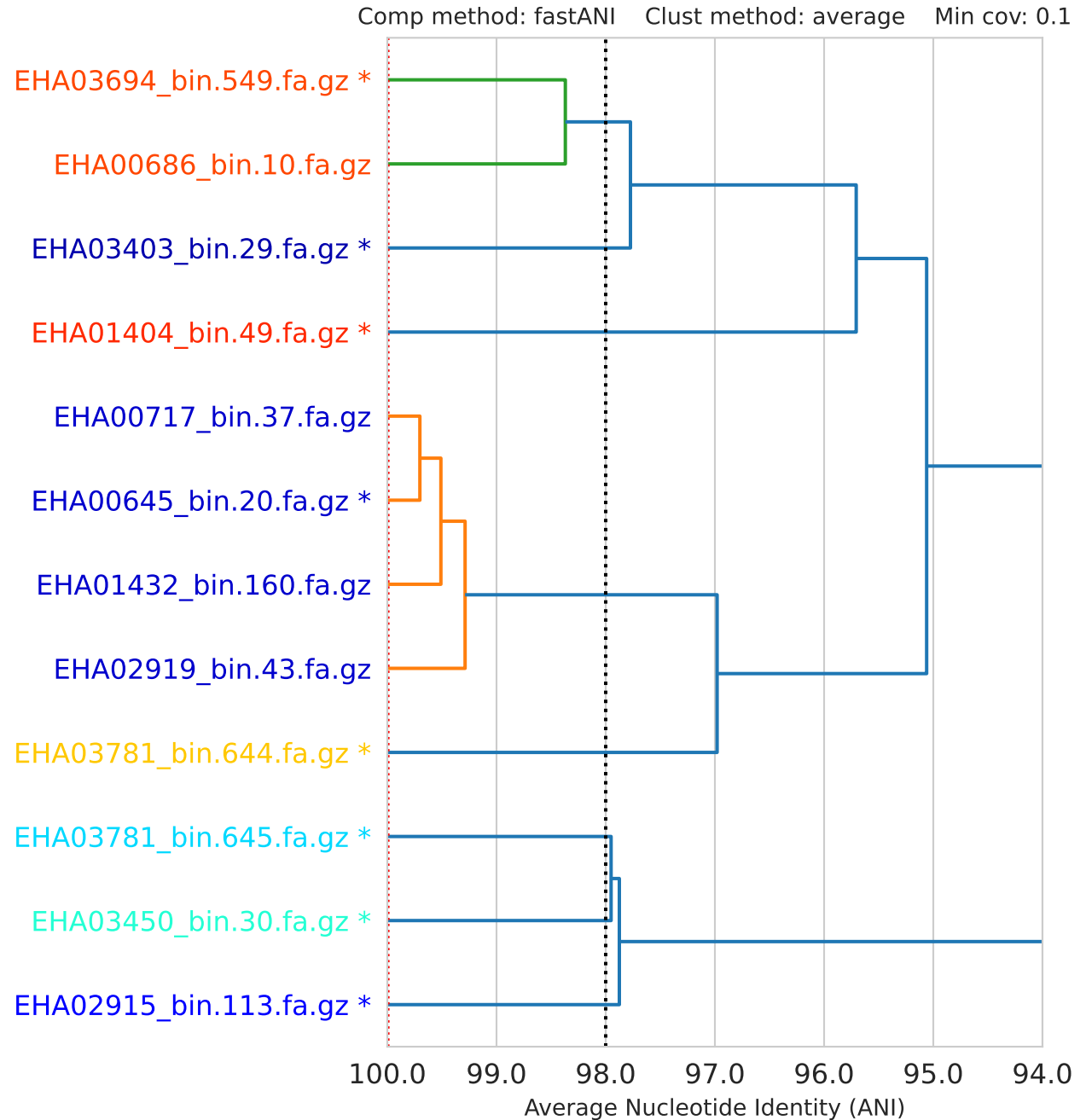
# Primary cluster 178



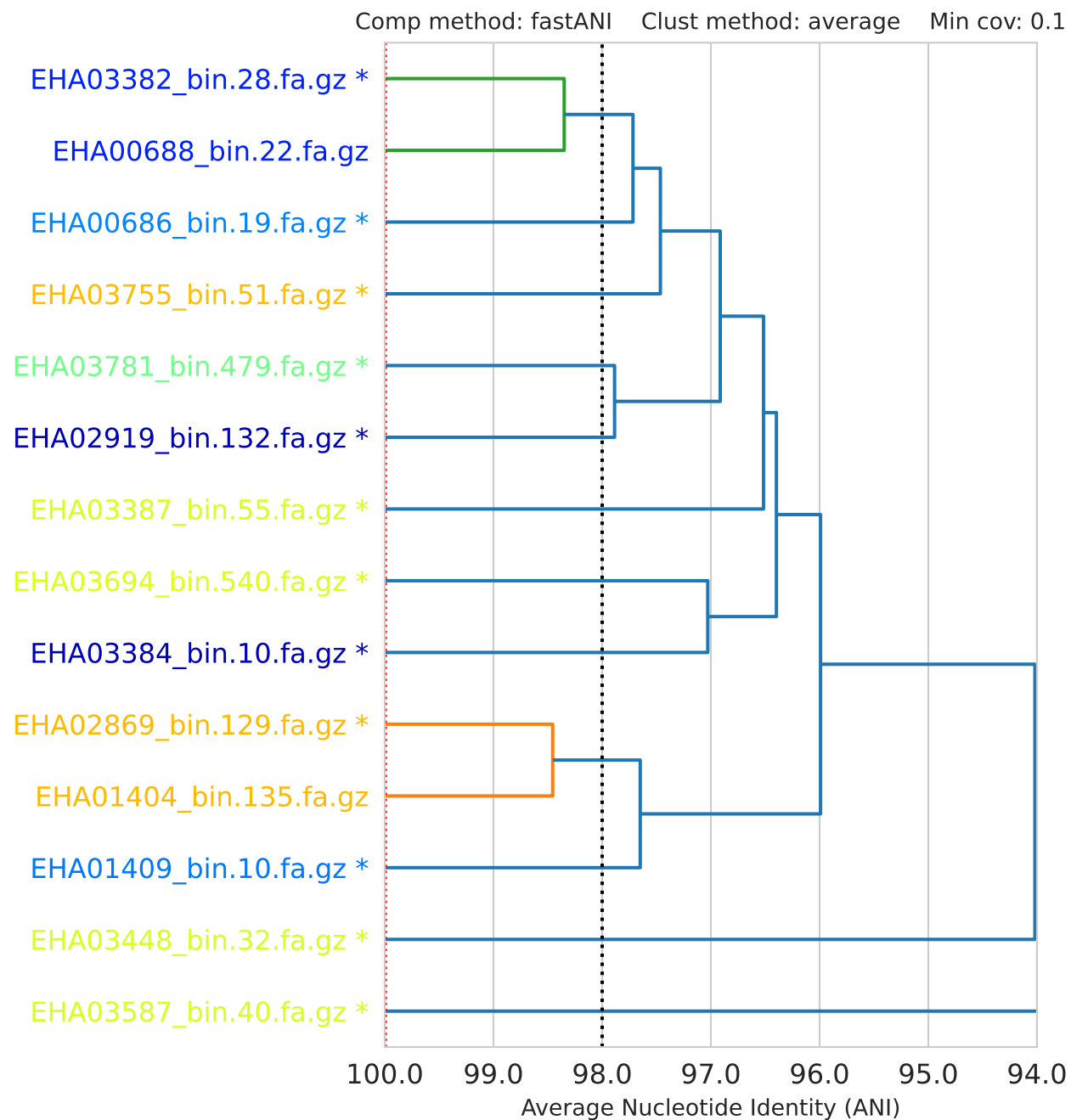
Primary cluster 179



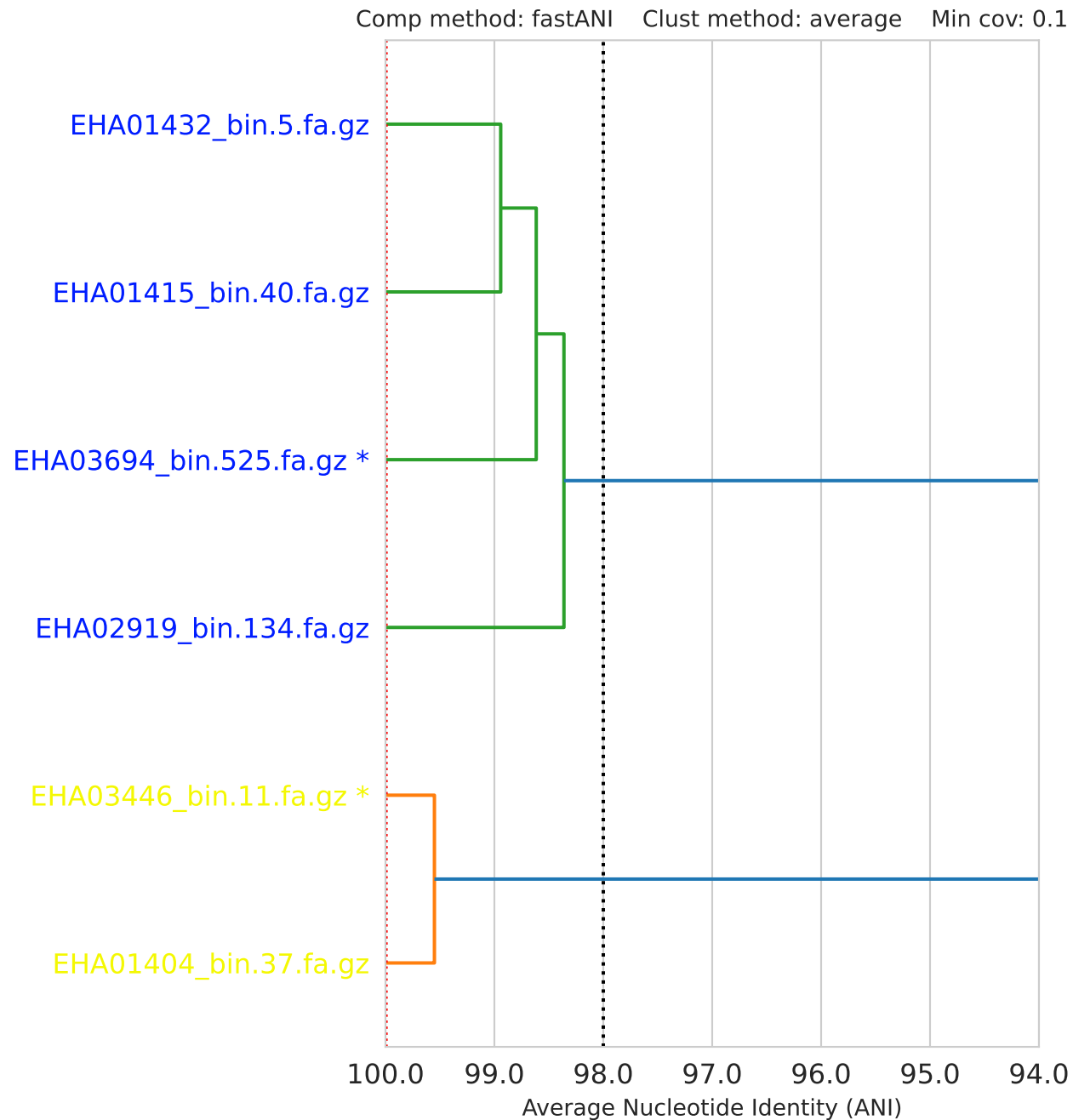
# Primary cluster 180



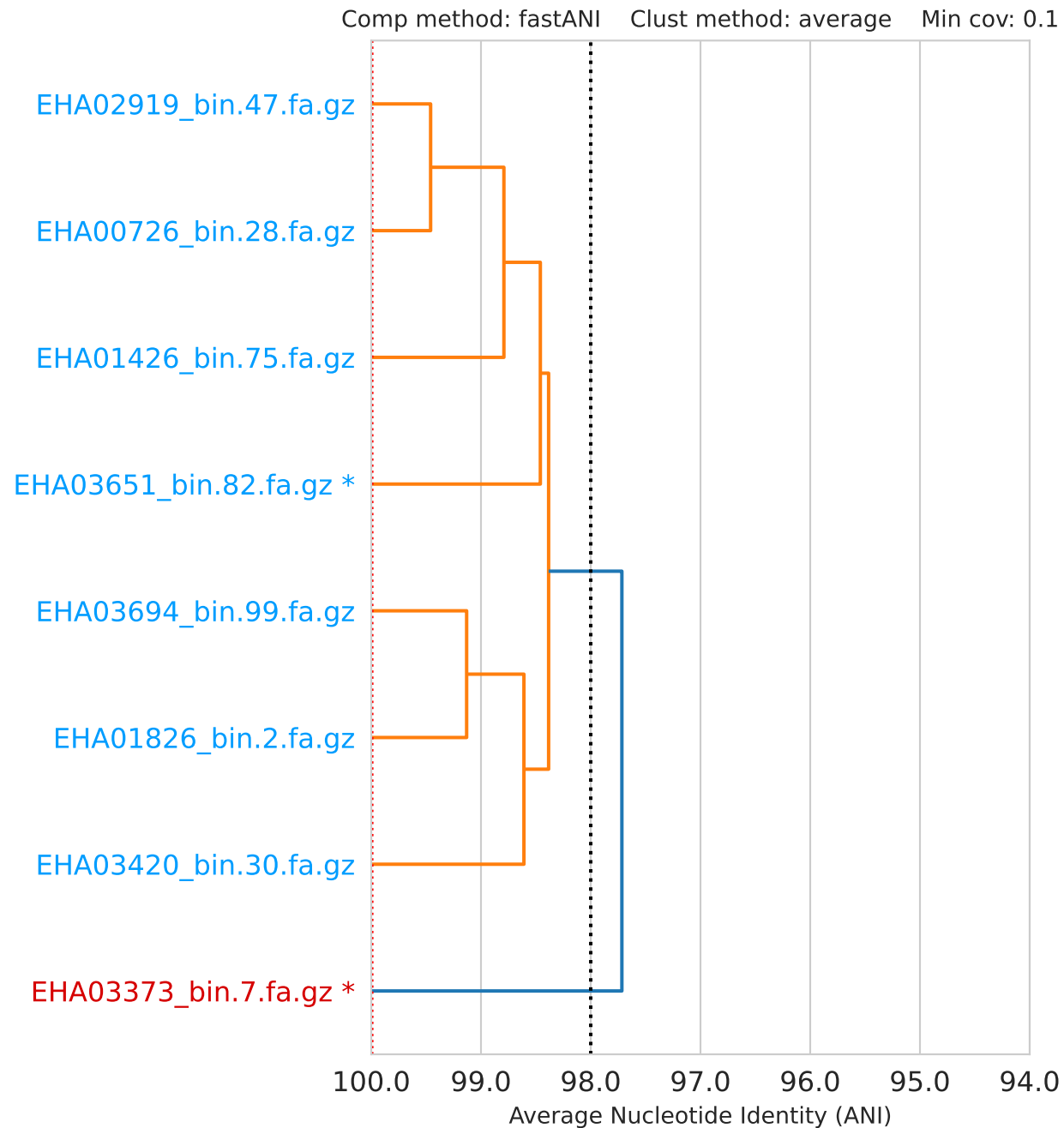
# Primary cluster 181



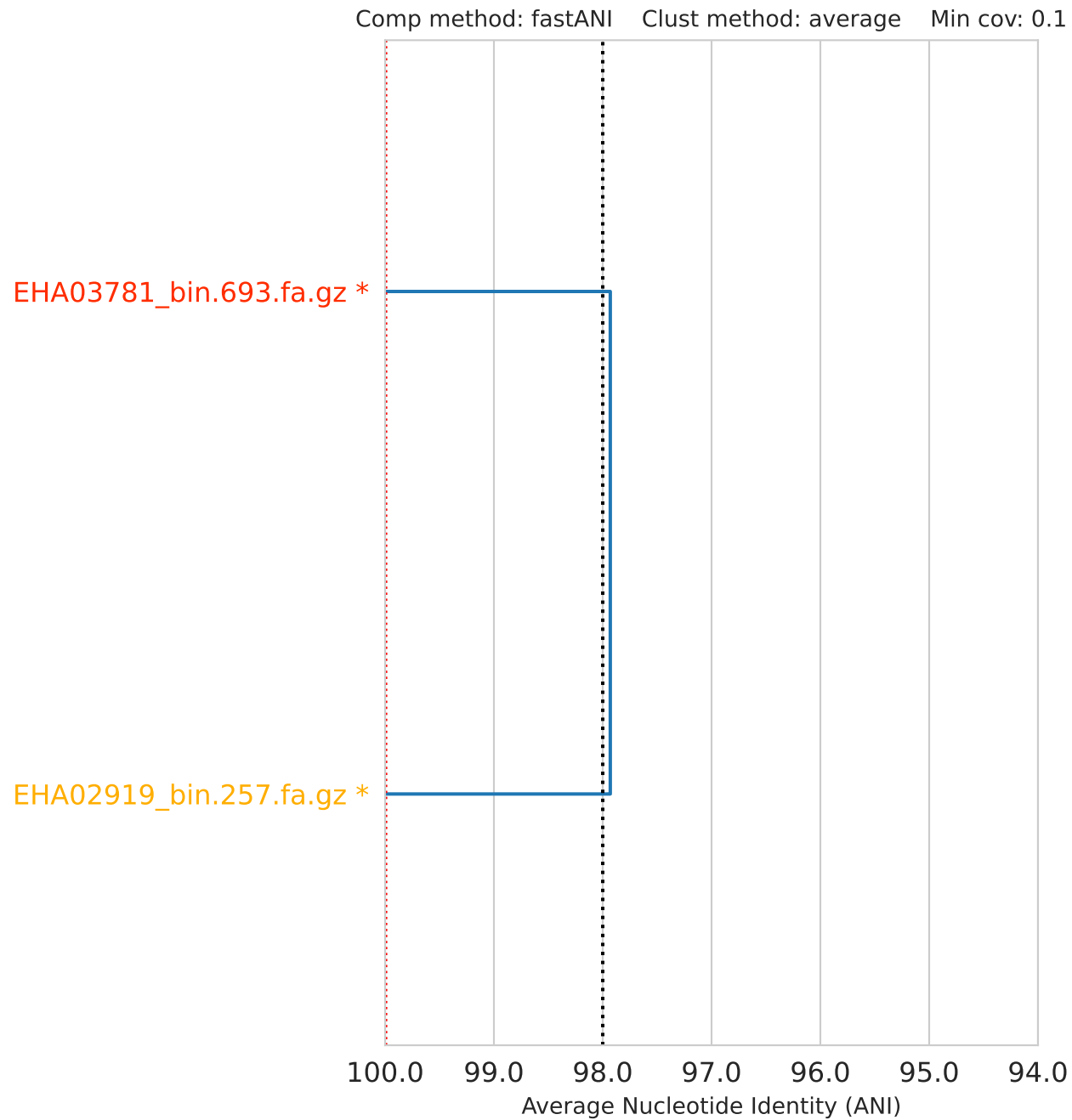
# Primary cluster 184



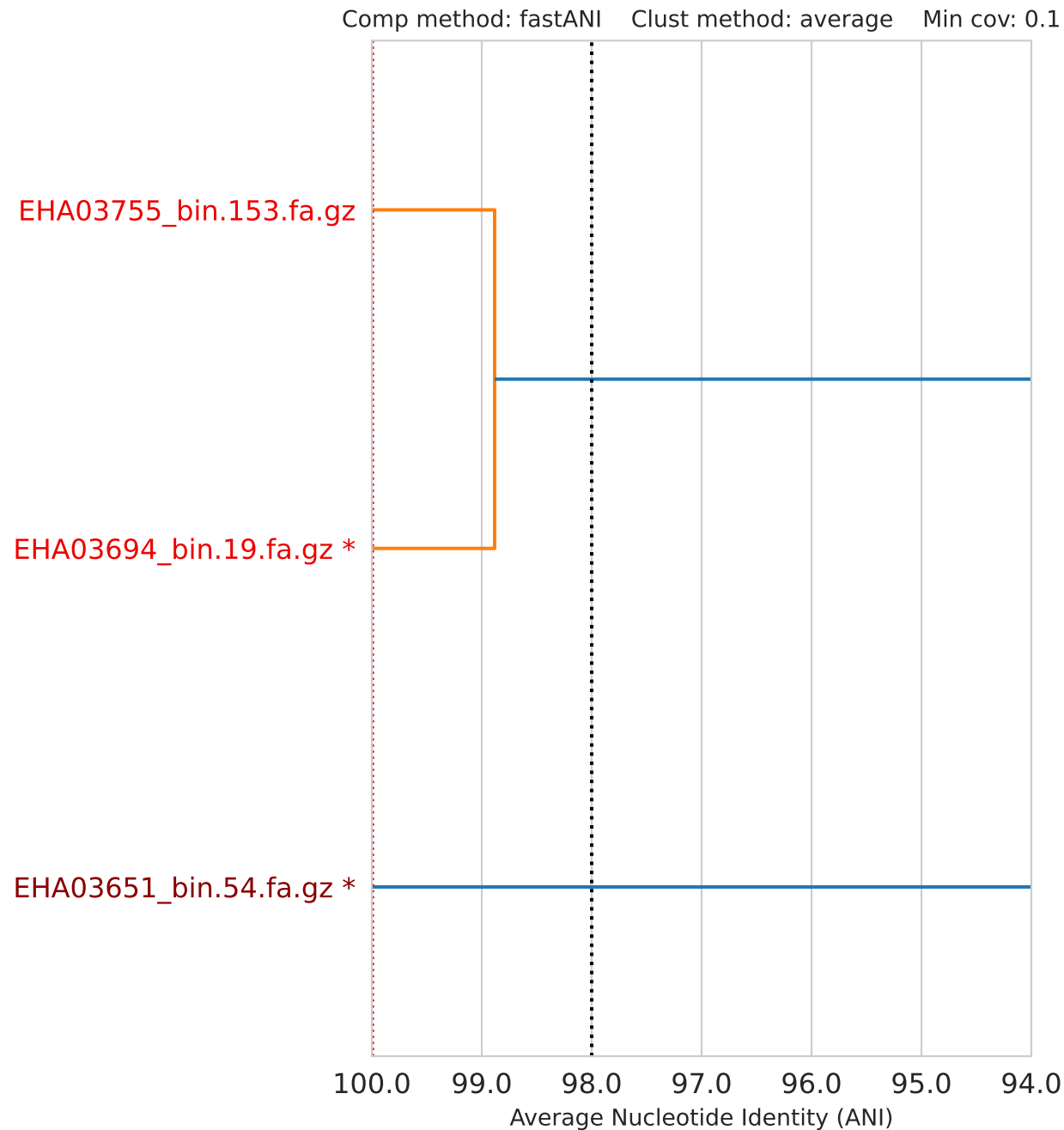
# Primary cluster 185



# Primary cluster 187

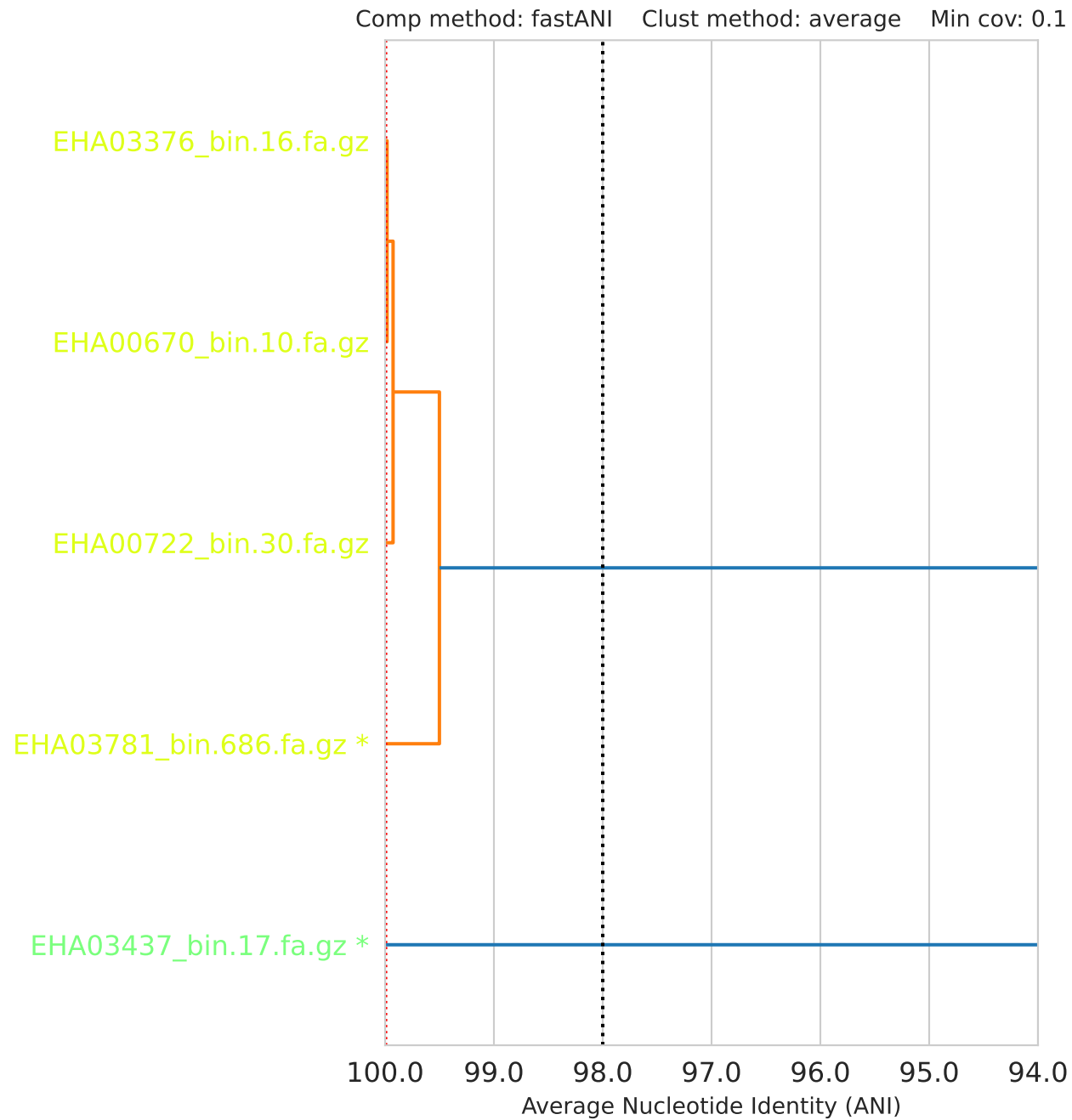


# Primary cluster 188

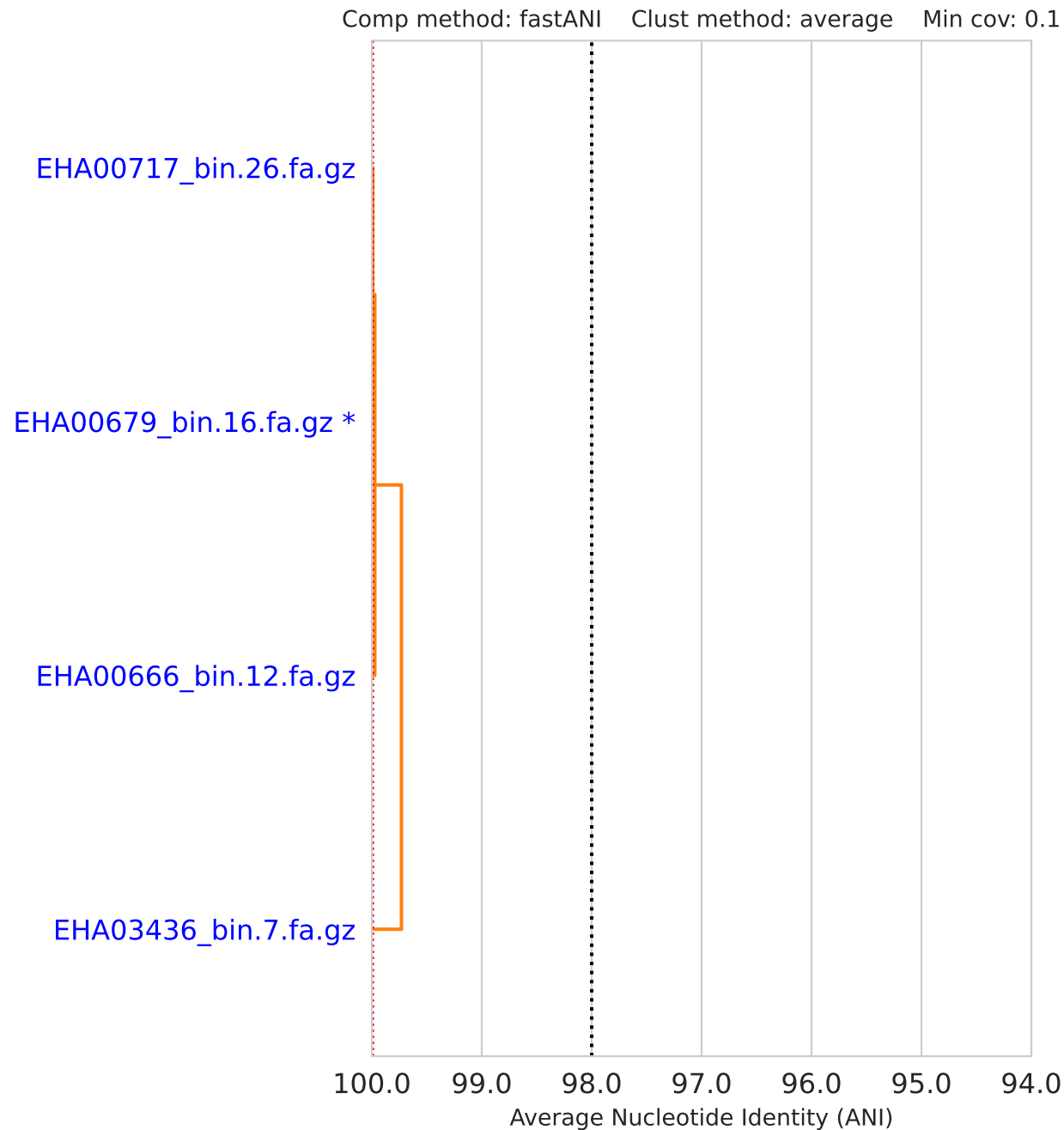




# Primary cluster 189



# Primary cluster 190



# Primary cluster 191

Comp method: fastANI

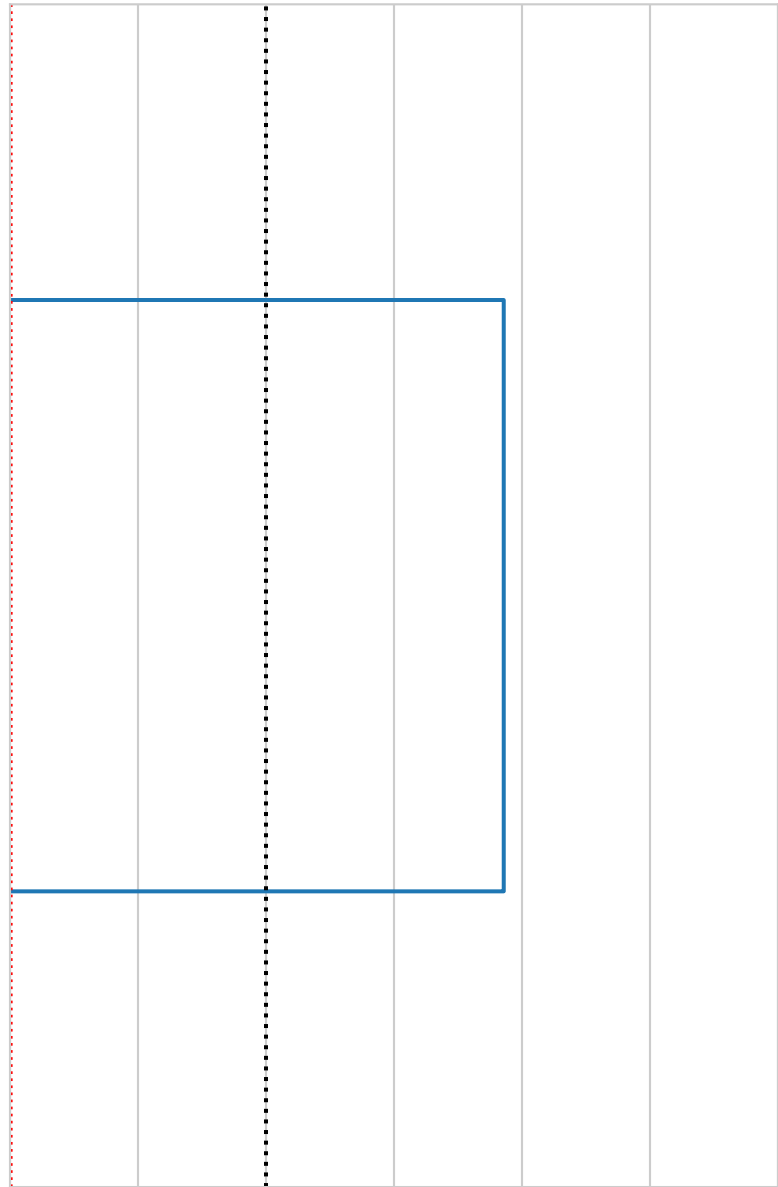
Clust method: average

Min cov: 0.1

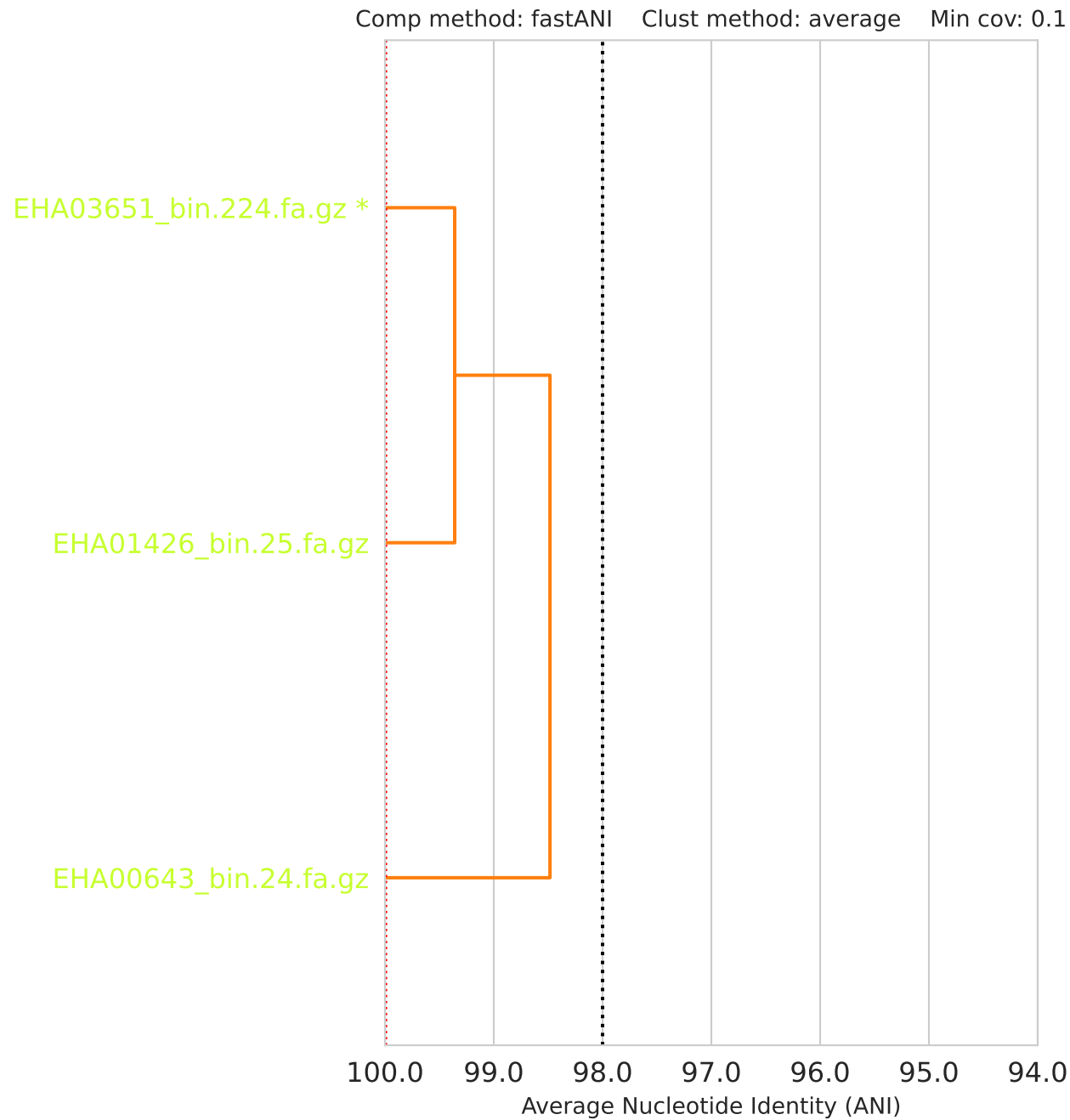
EHA03755\_bin.136.fa.gz \*

EHA03694\_bin.553.fa.gz \*

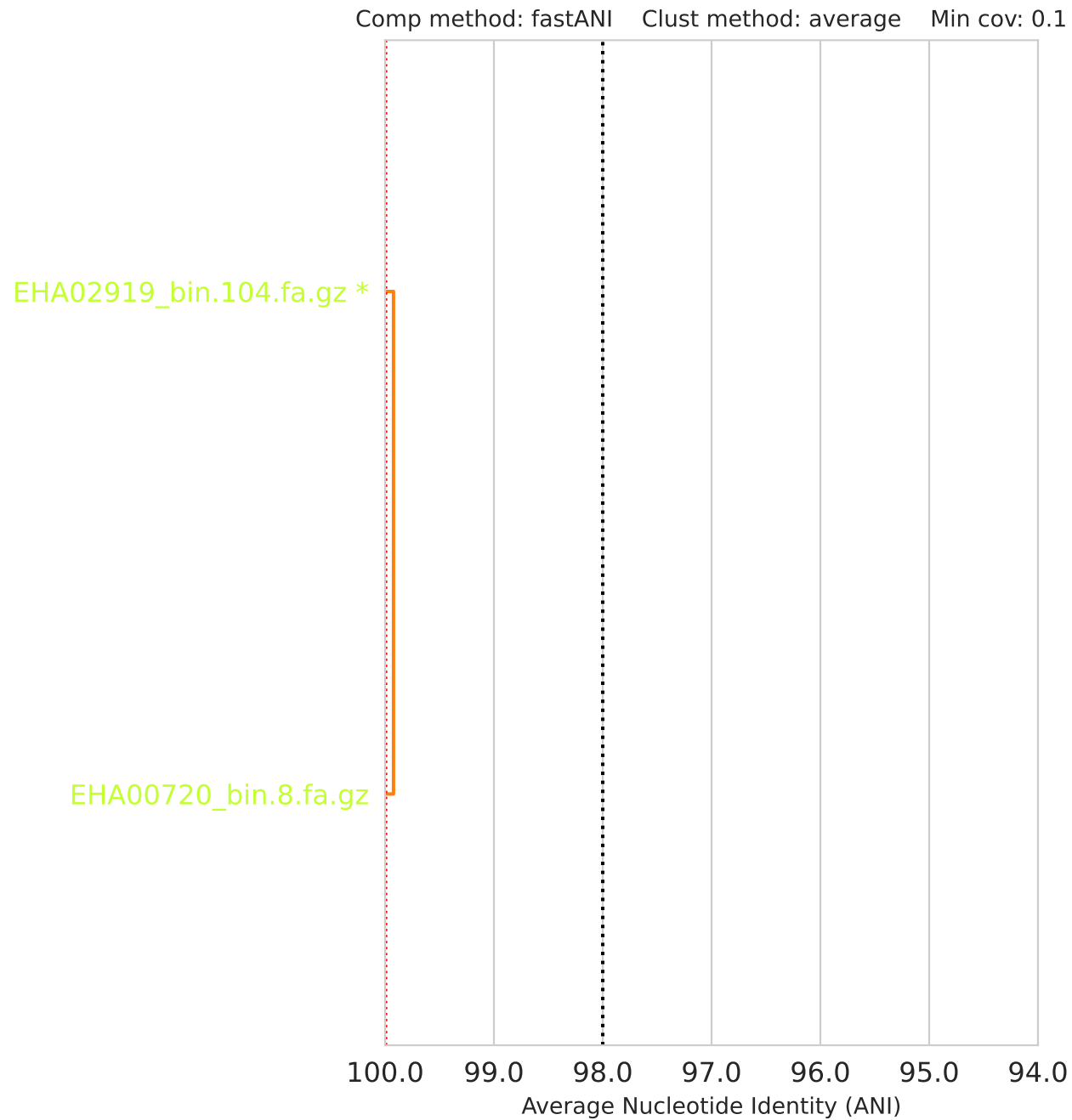
100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



# Primary cluster 195



# Primary cluster 196



# Primary cluster 197

Comp method: fastANI

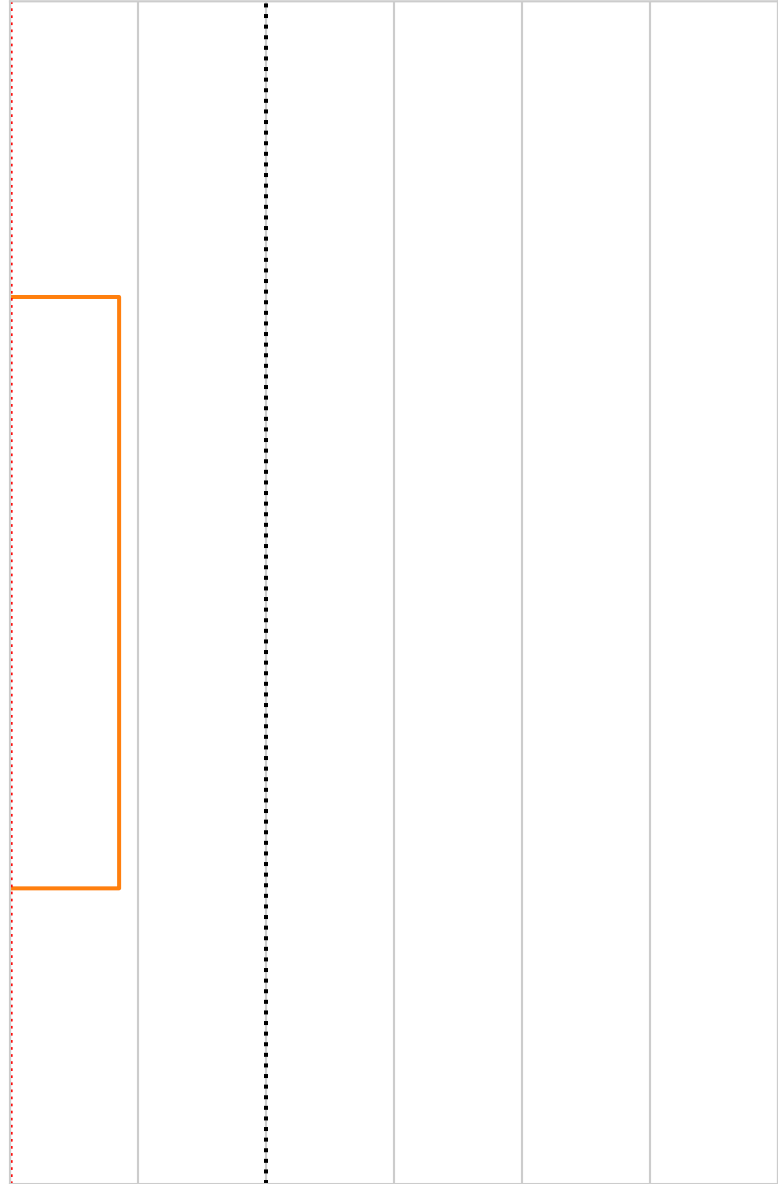
Clust method: average

Min cov: 0.1

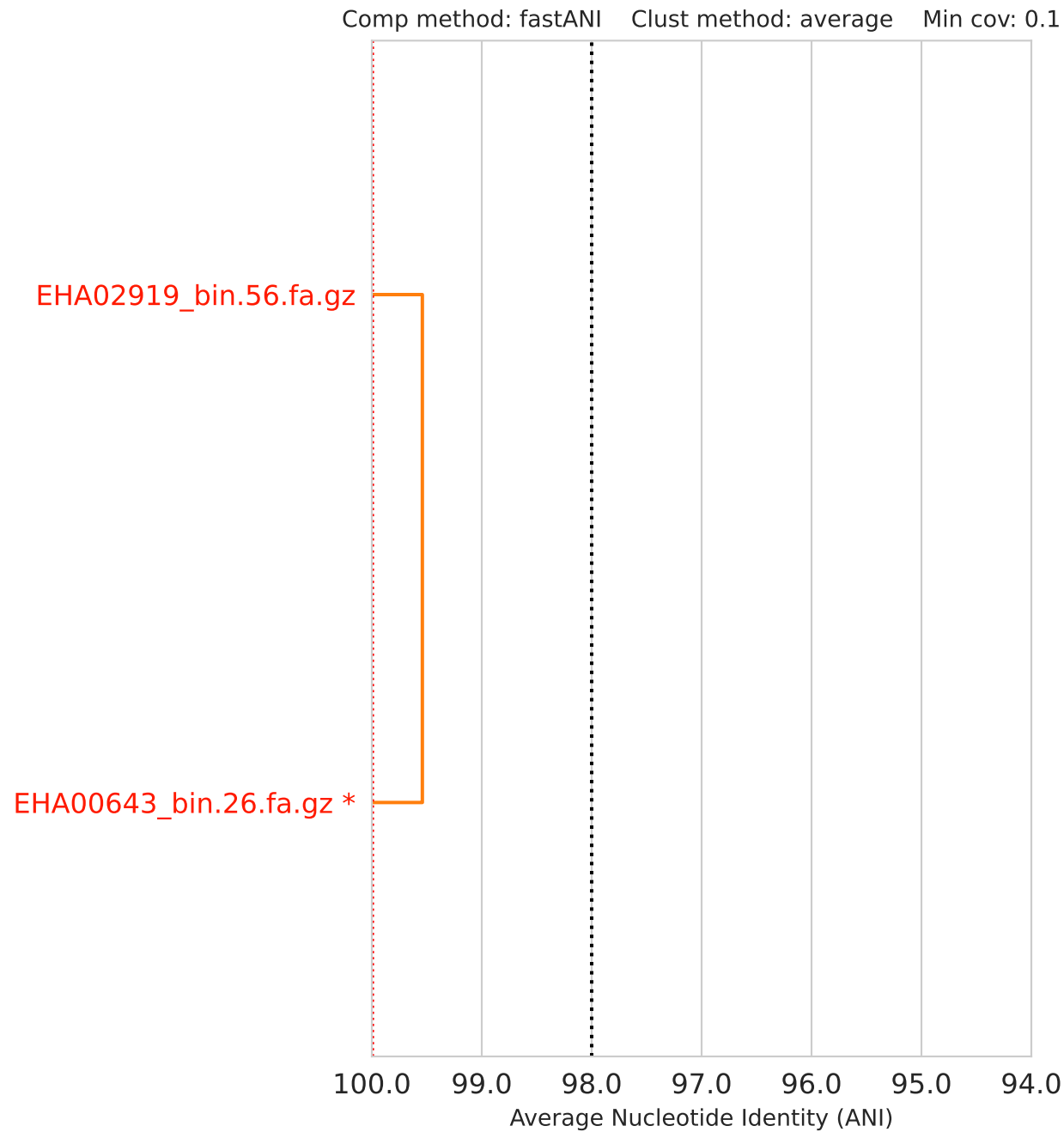
EHA03781\_bin.405.fa.gz

EHA03584\_bin.33.fa.gz \*

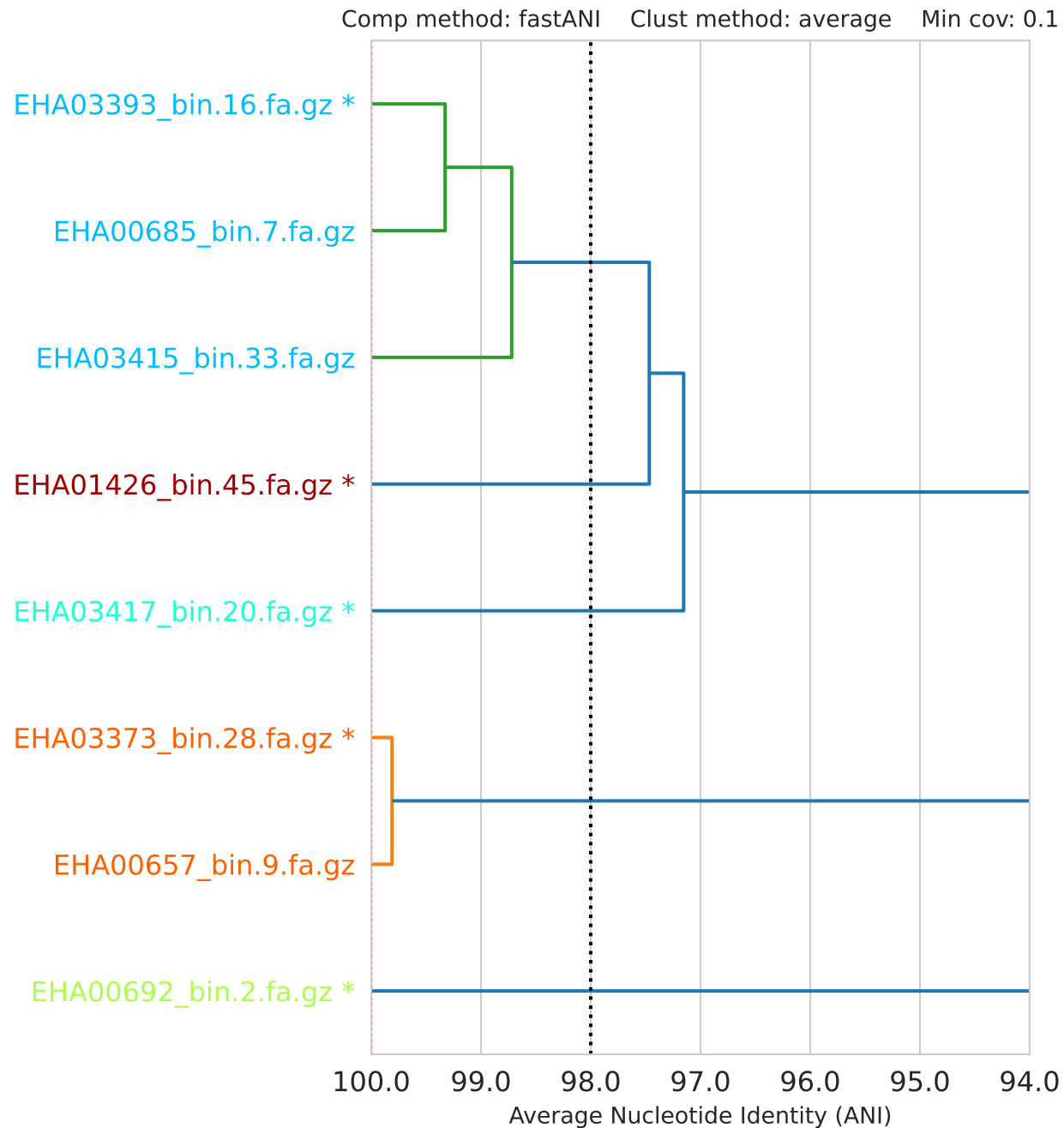
100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



# Primary cluster 198

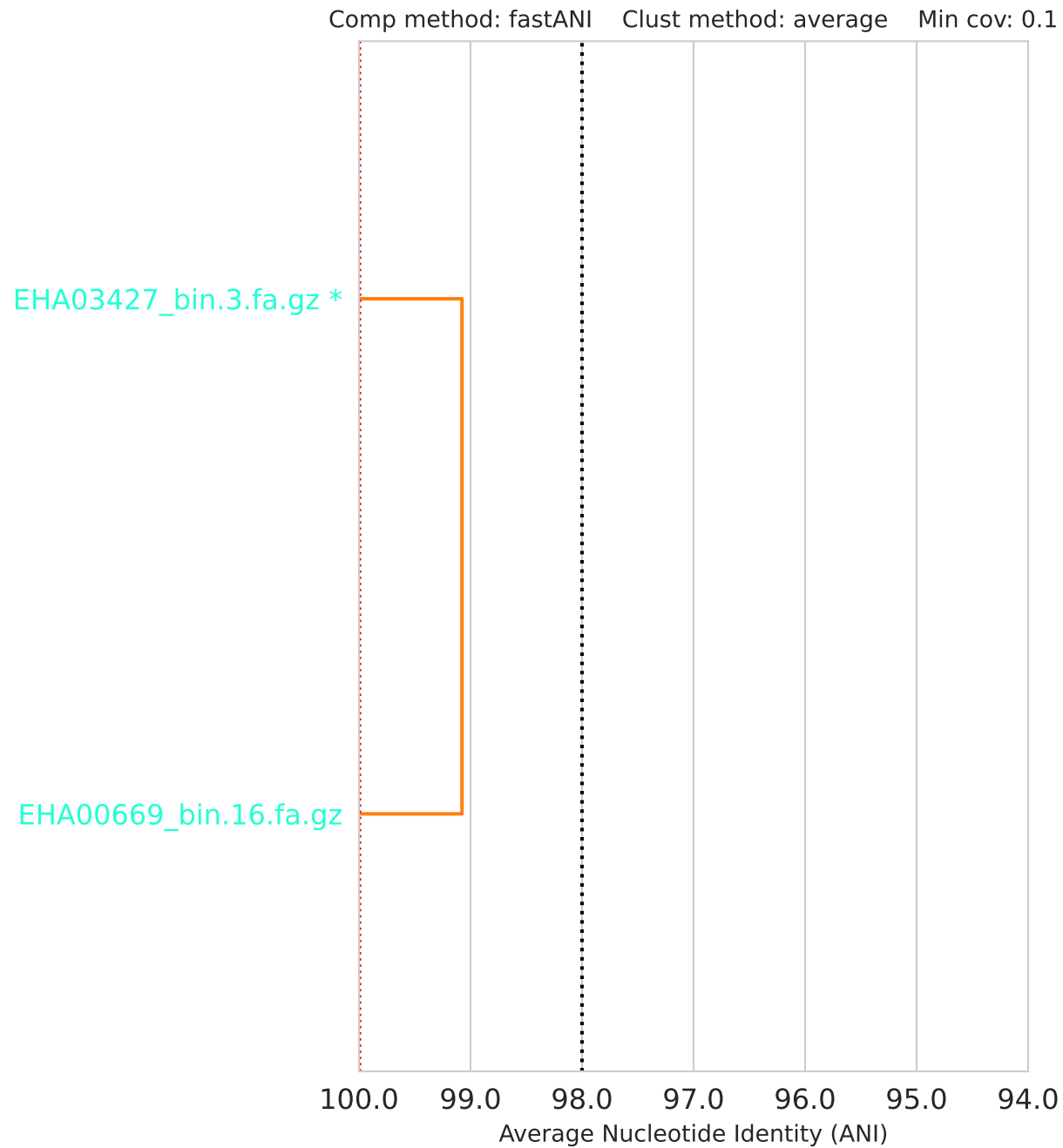


# Primary cluster 200

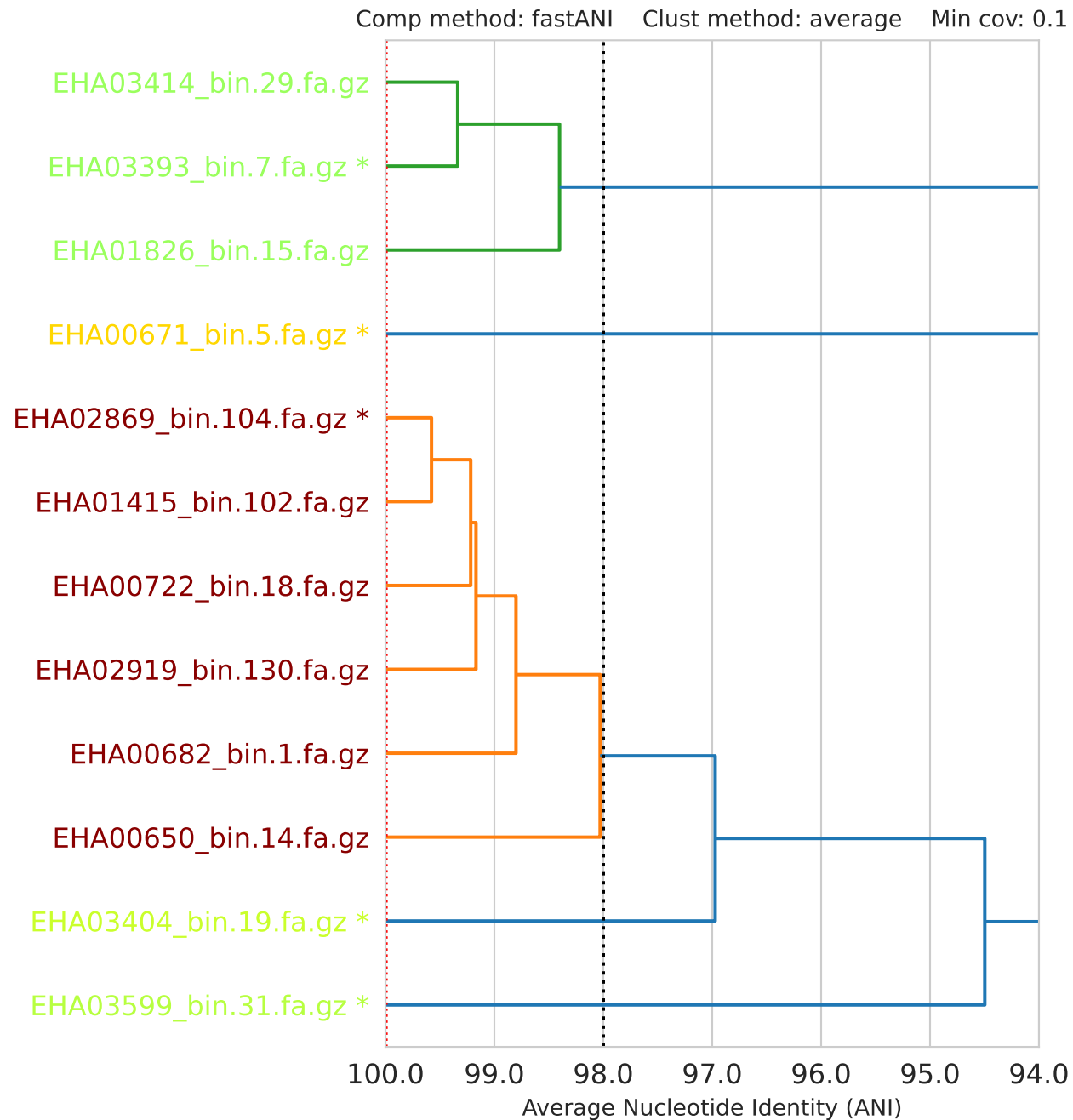




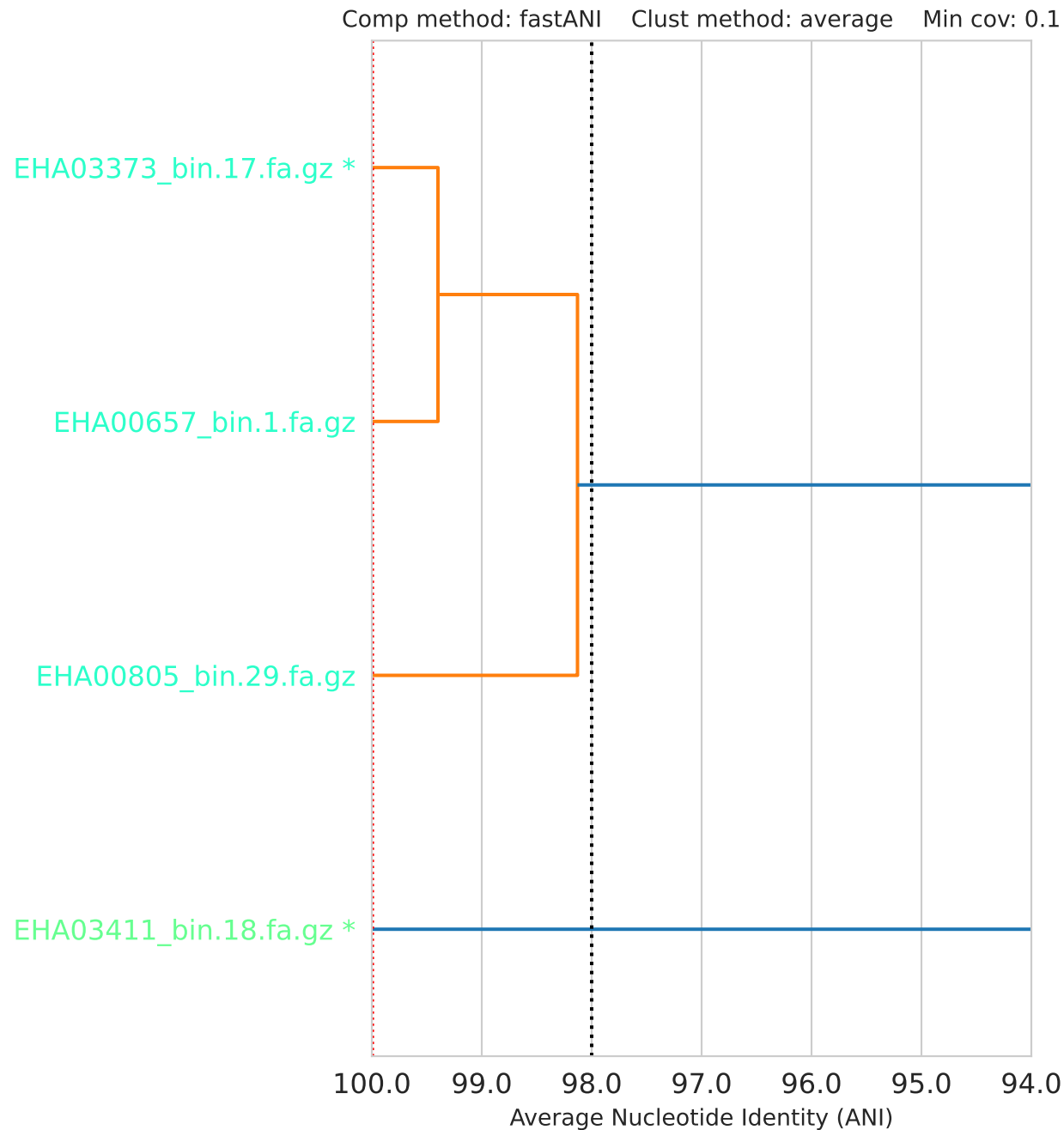
# Primary cluster 201



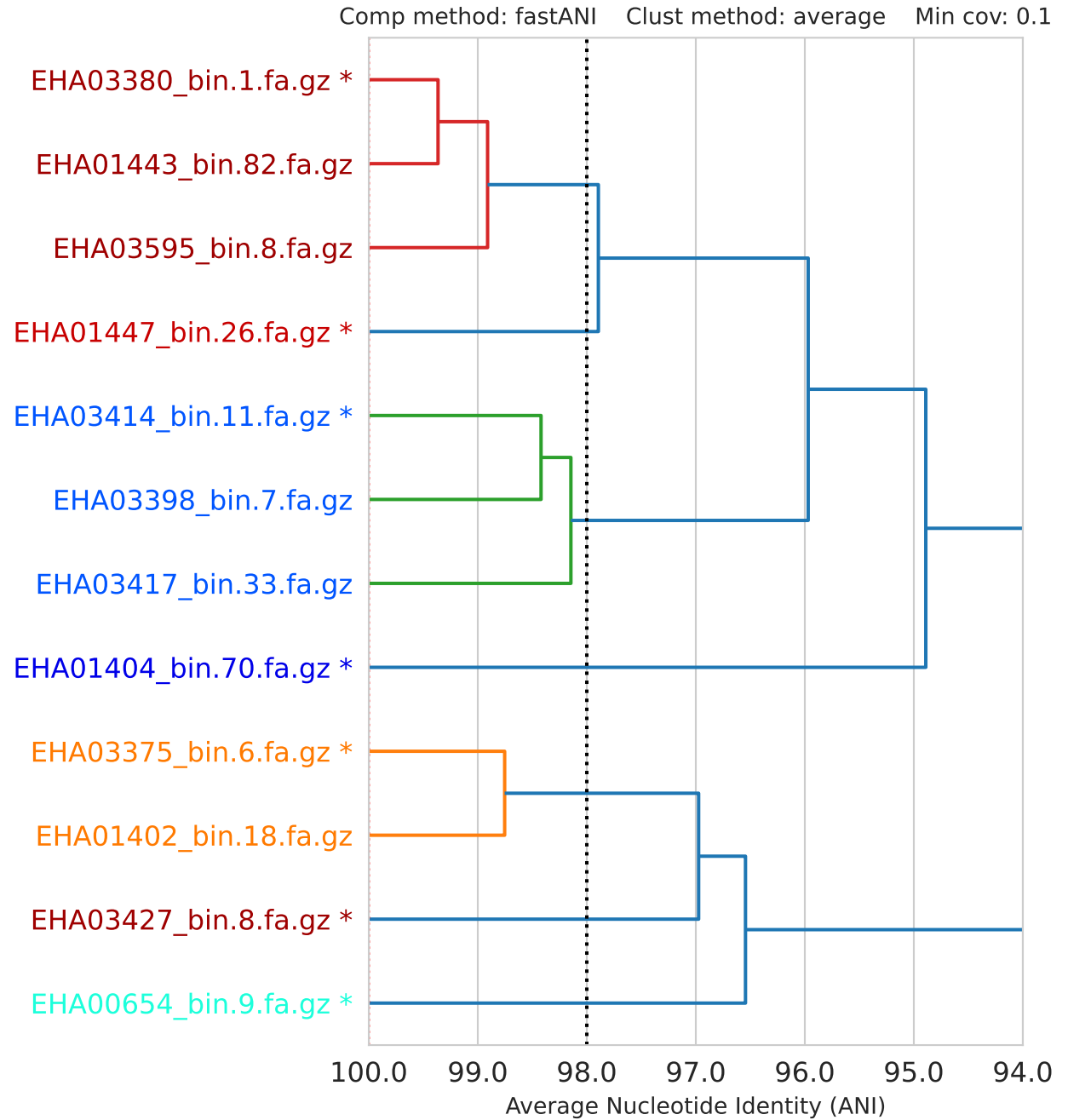
# Primary cluster 202



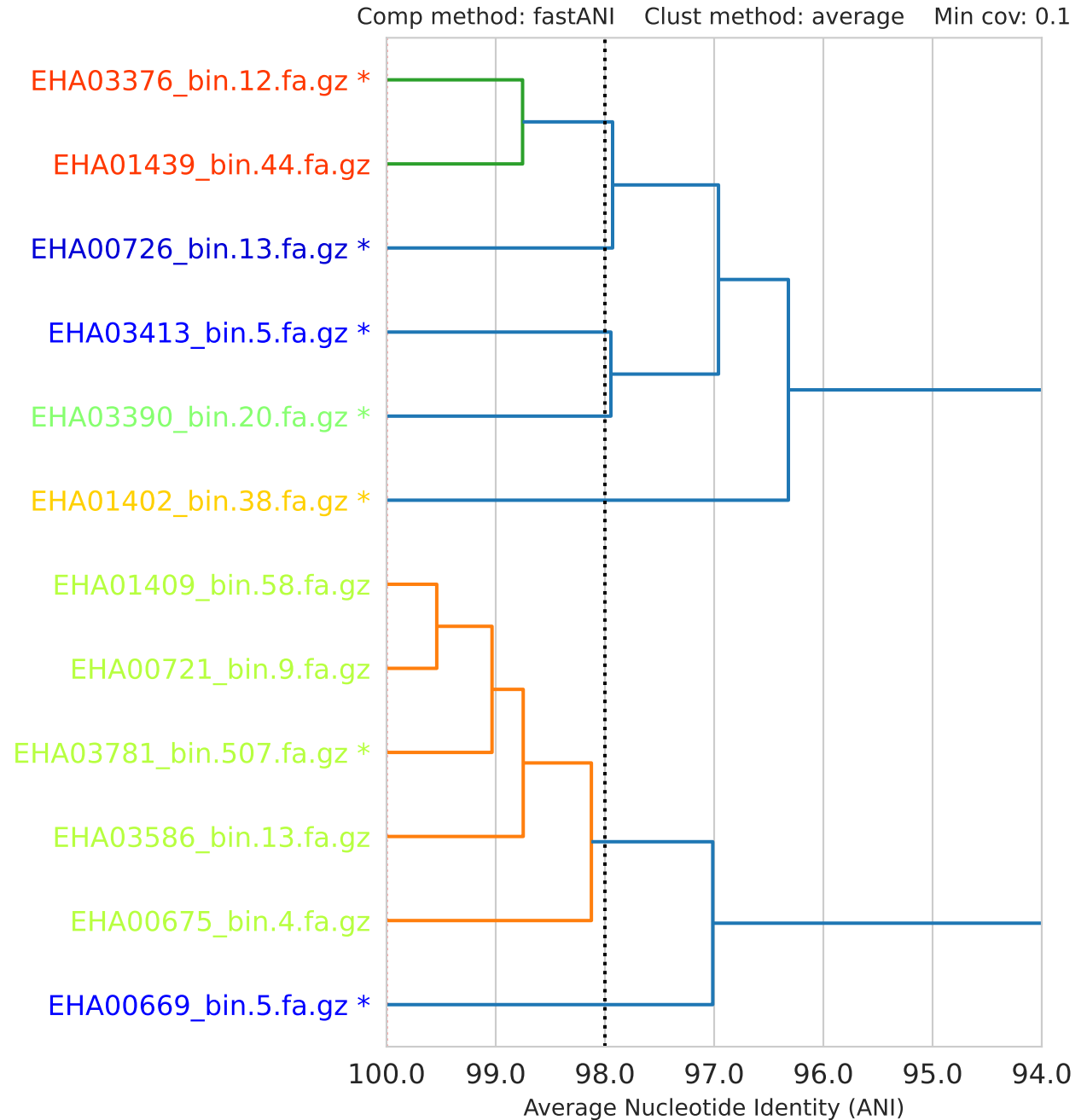
# Primary cluster 203



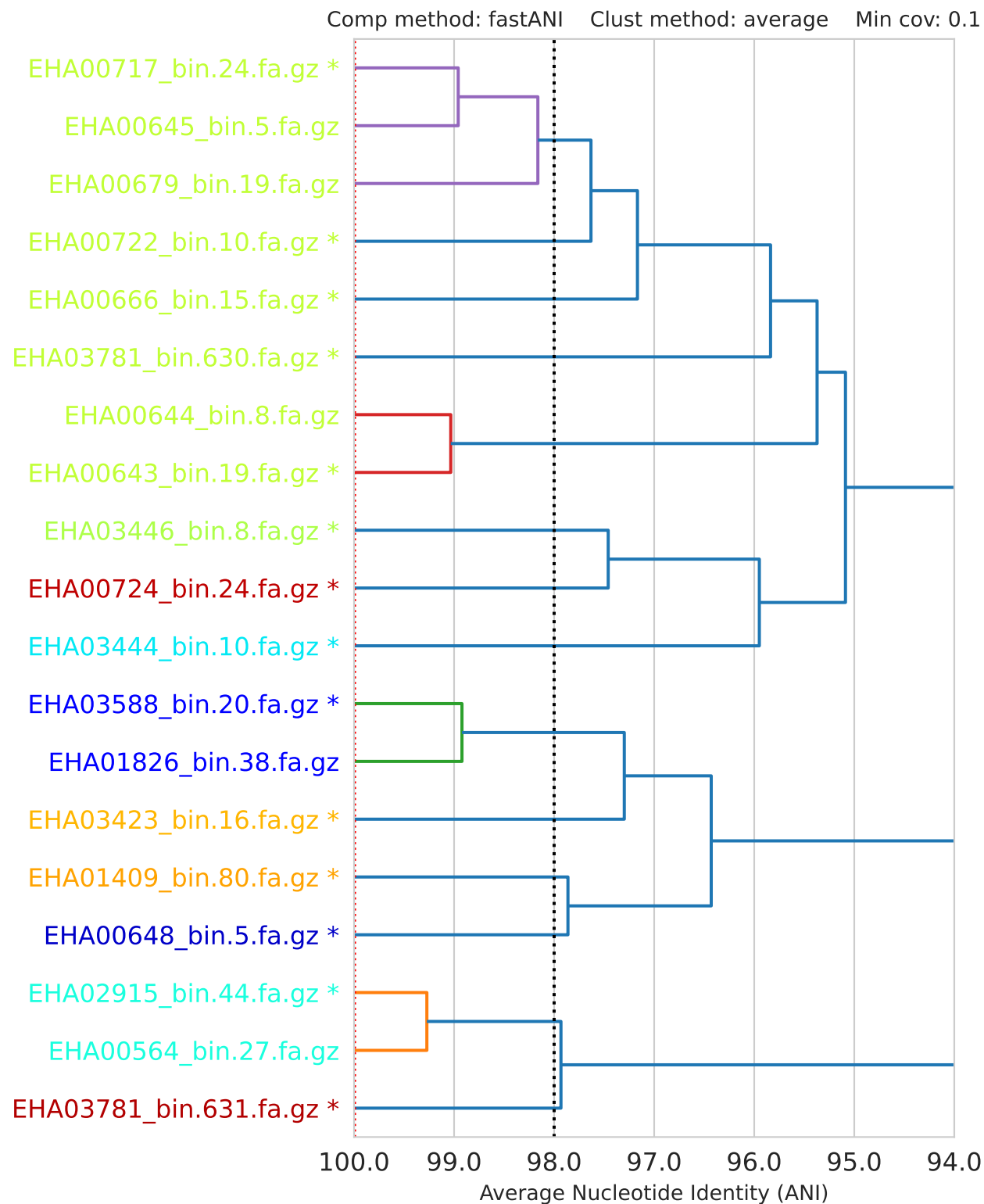
# Primary cluster 204



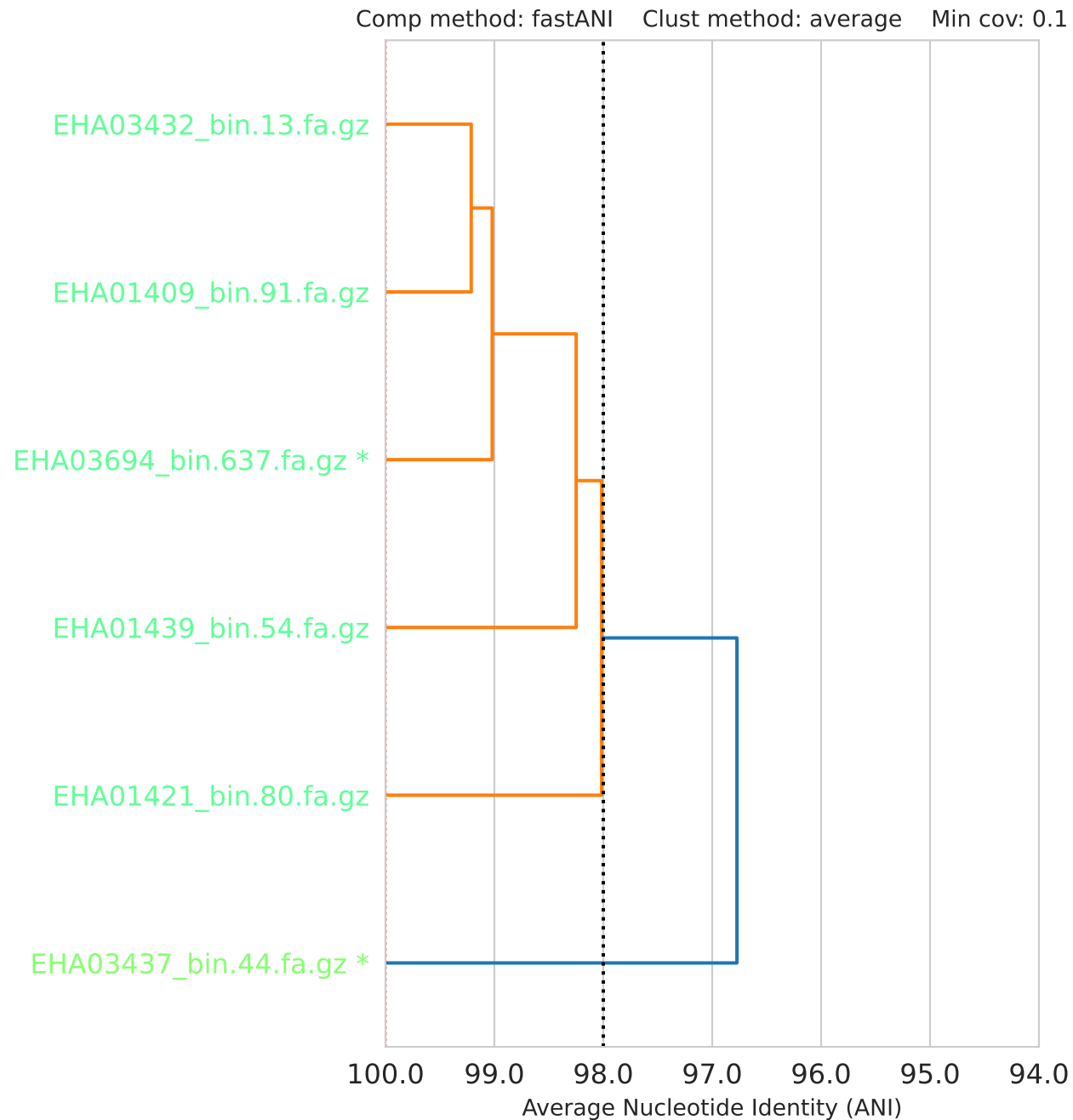
# Primary cluster 206



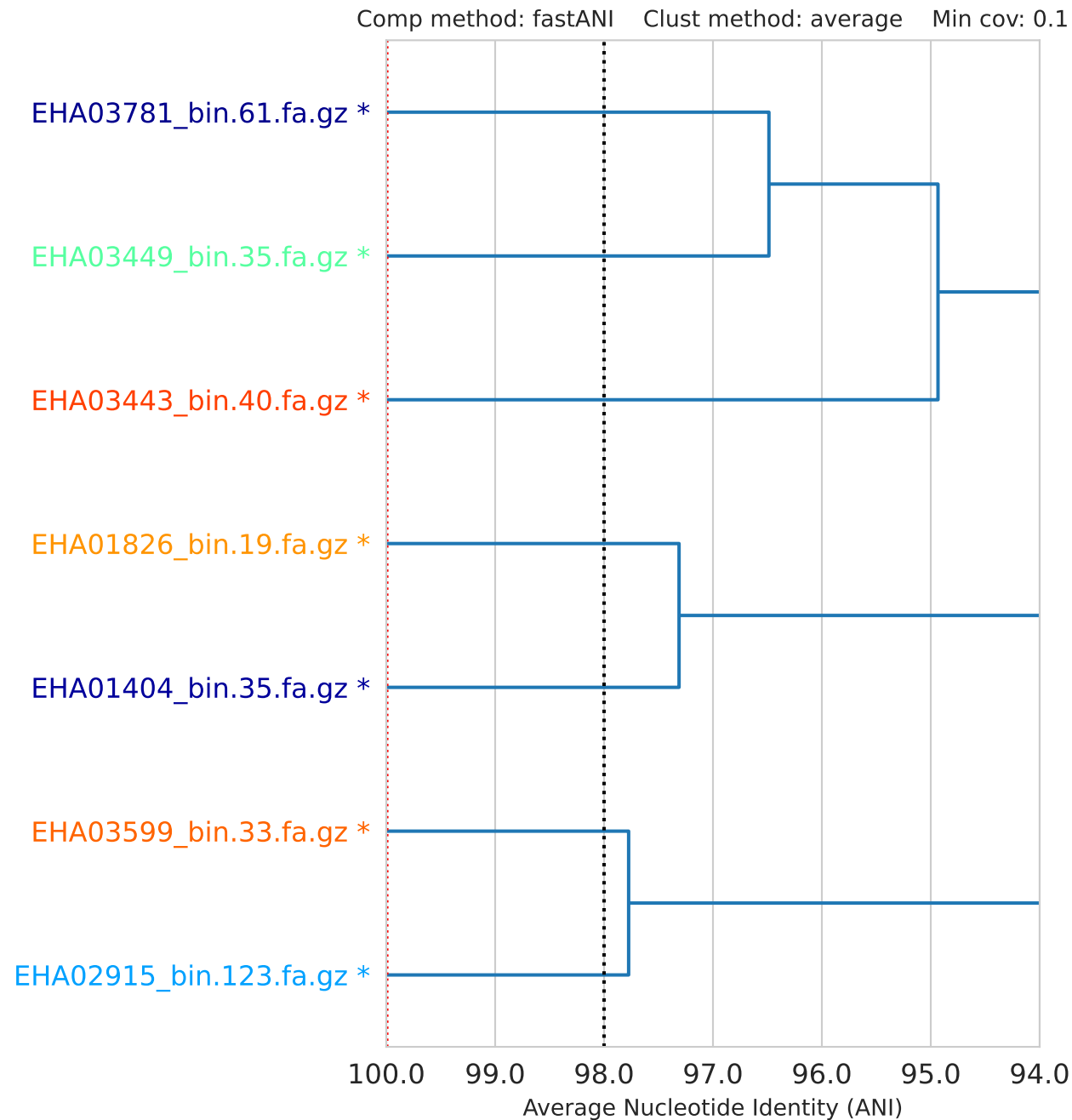
# Primary cluster 207



# Primary cluster 208

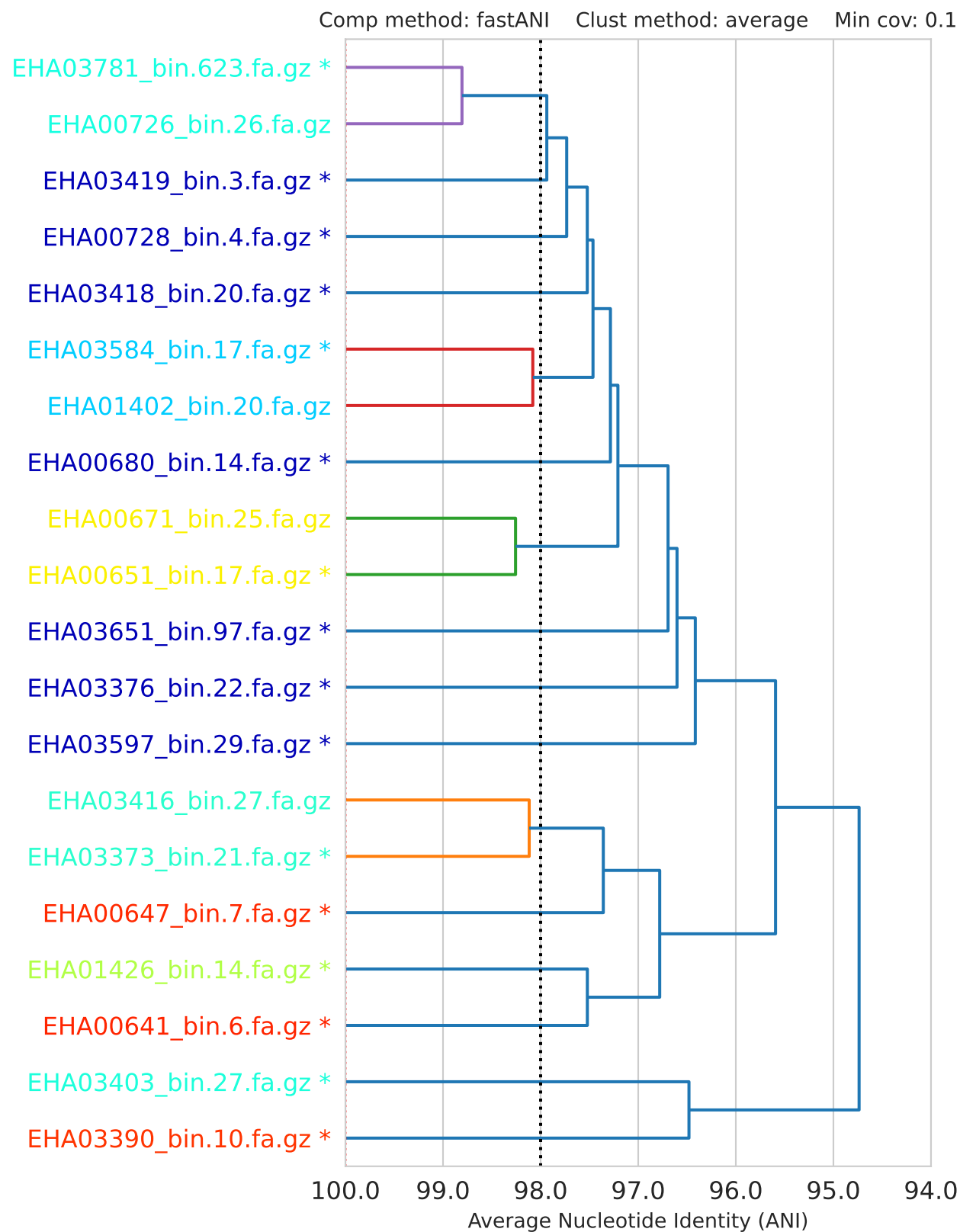


# Primary cluster 209

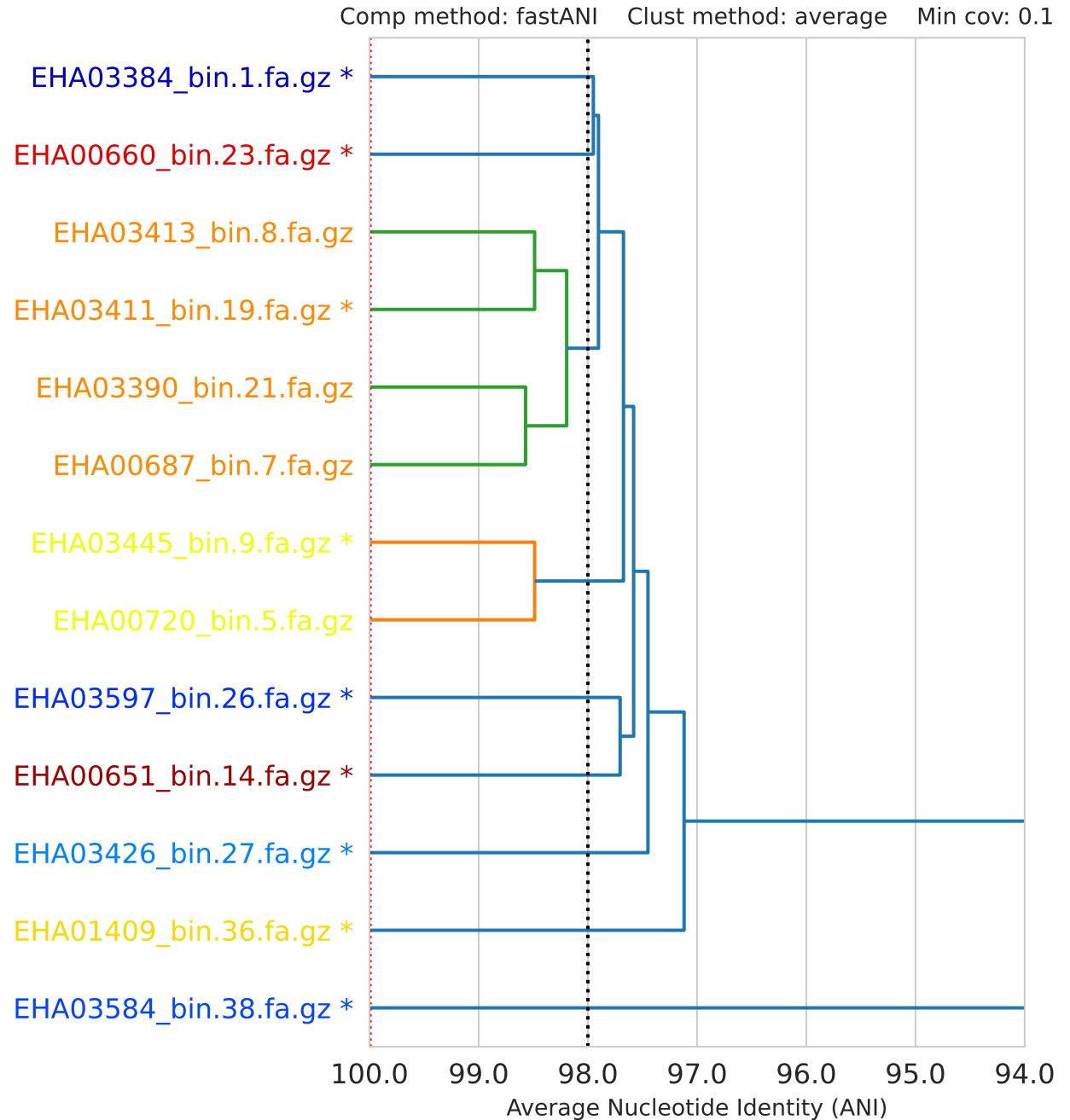




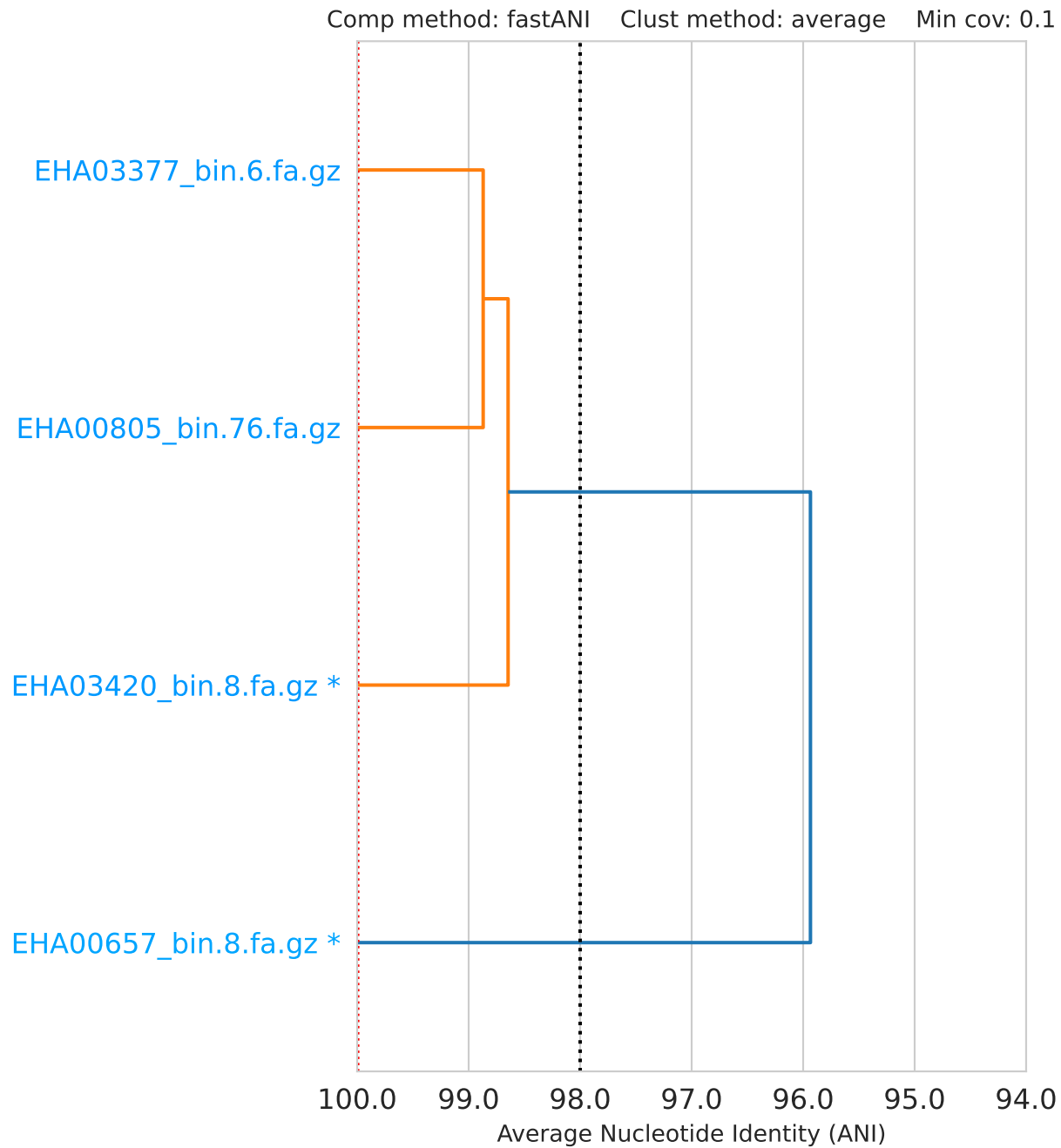
# Primary cluster 210



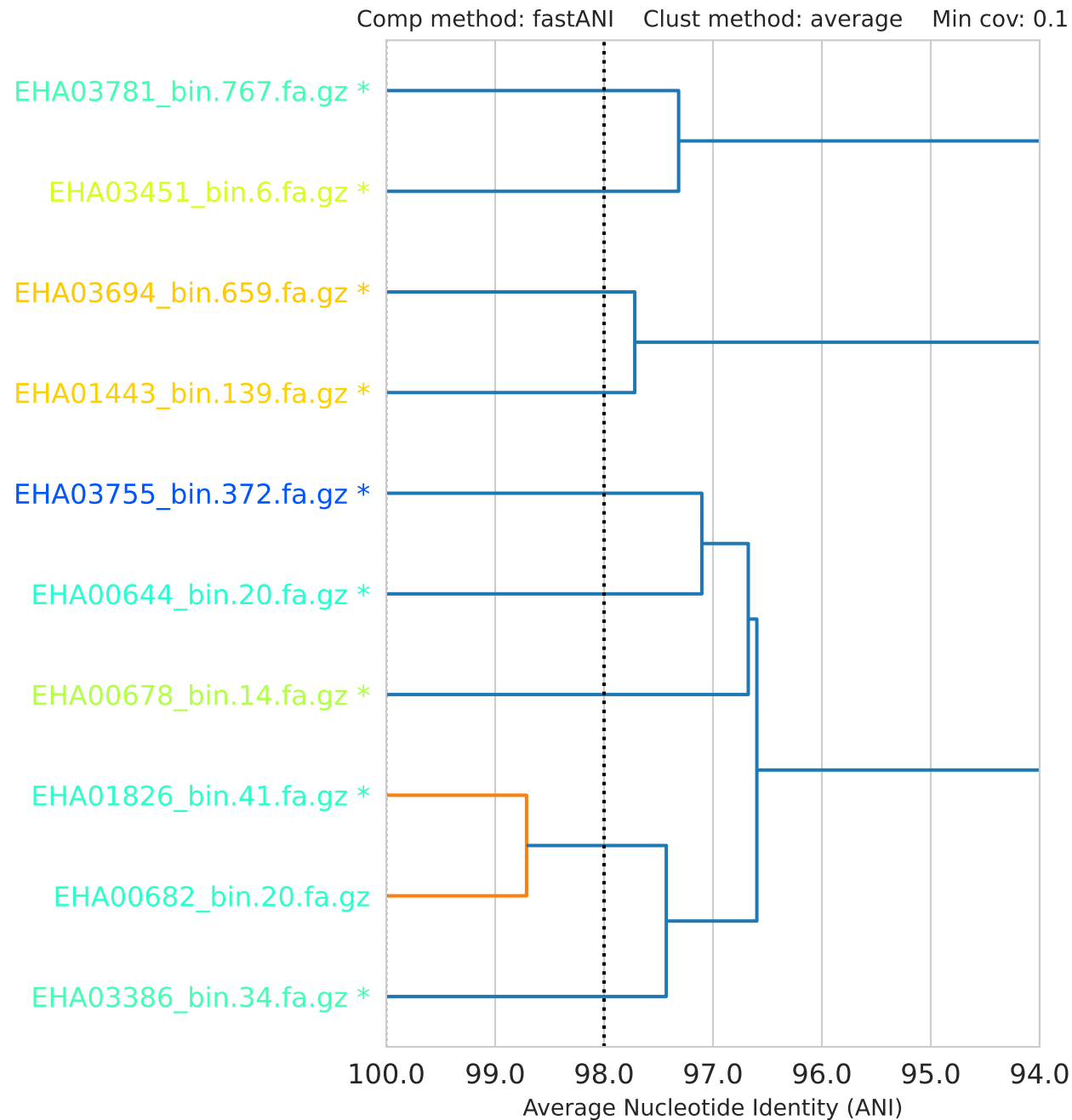
# Primary cluster 211



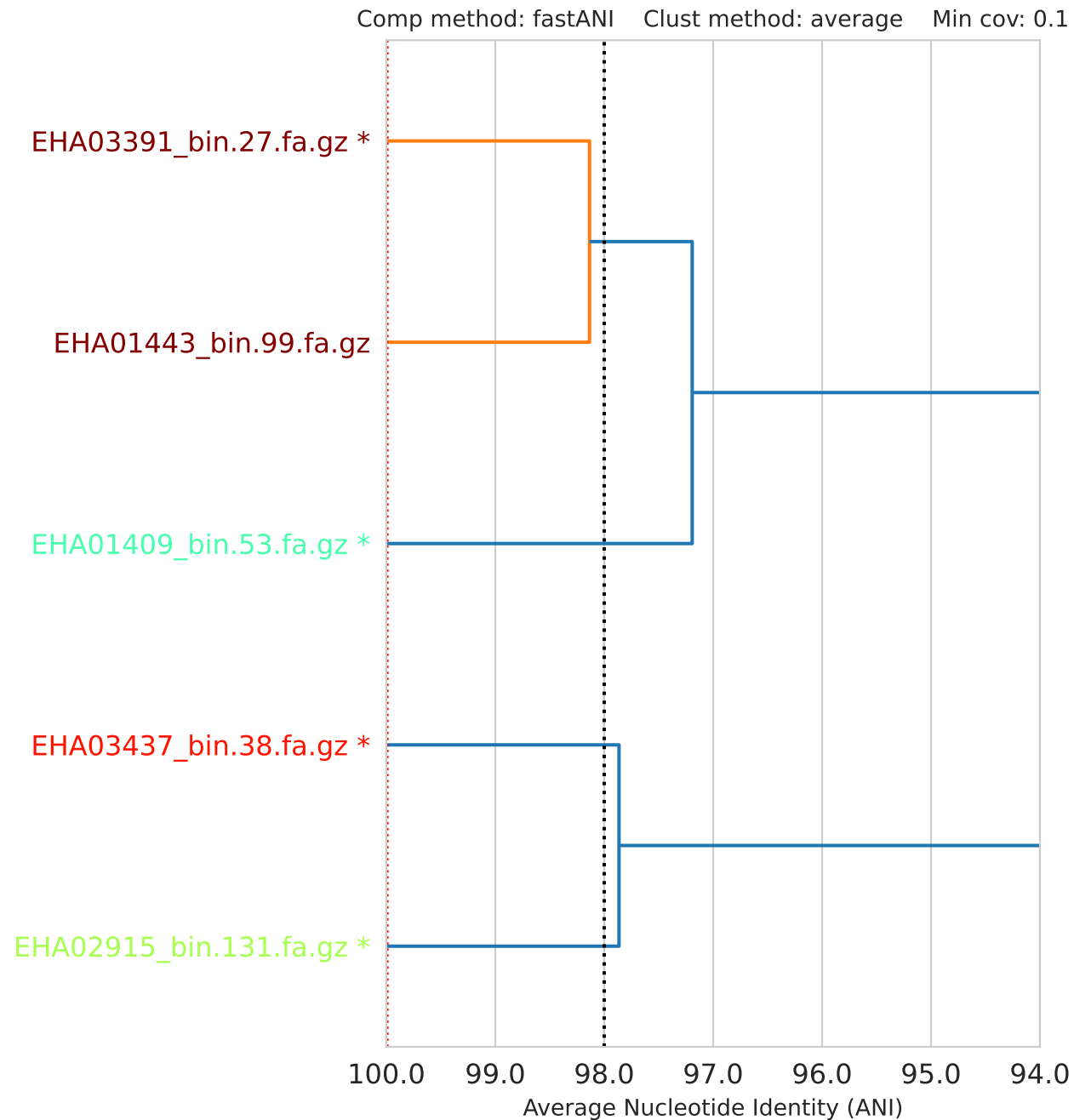
# Primary cluster 212



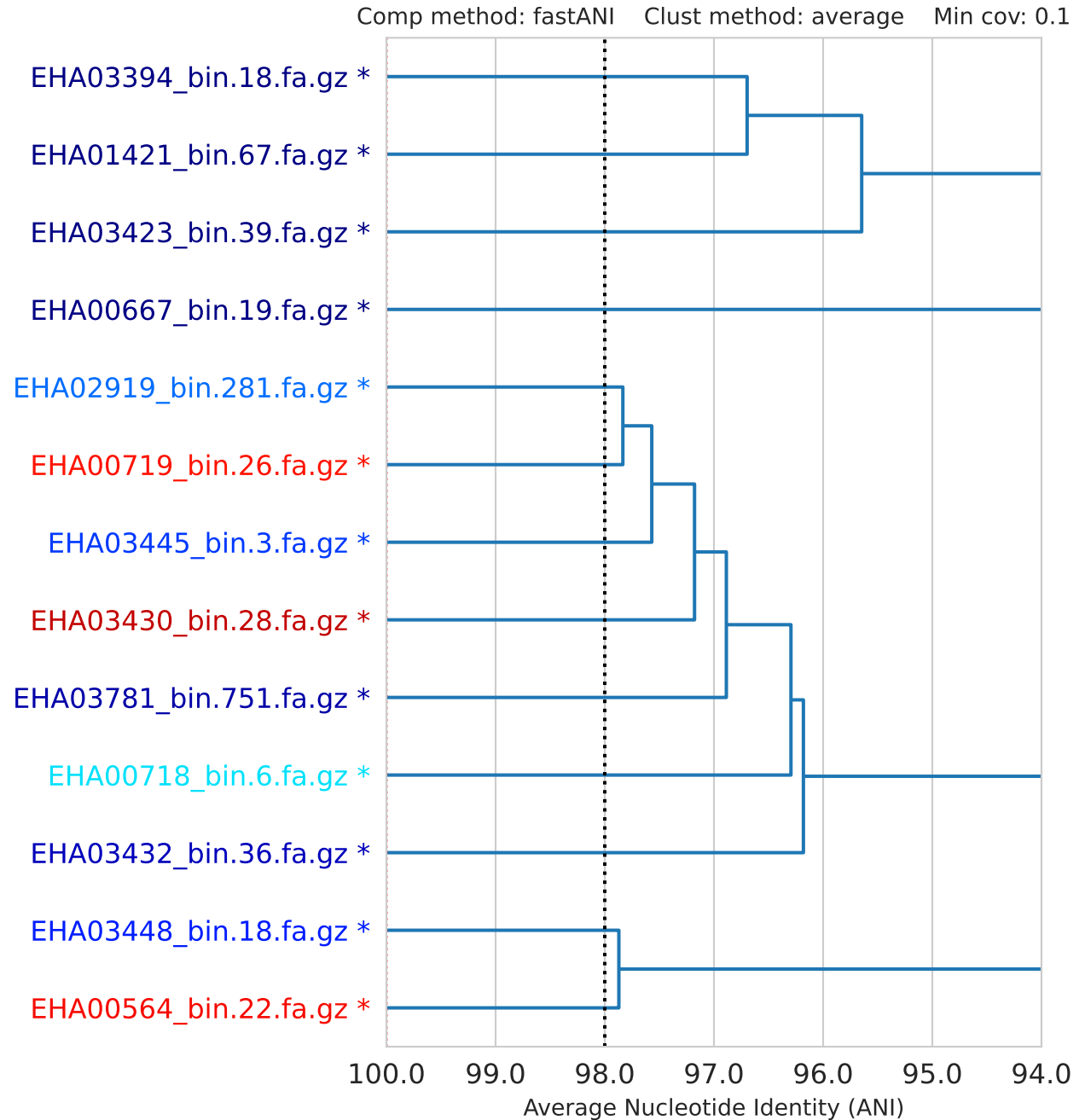
# Primary cluster 213



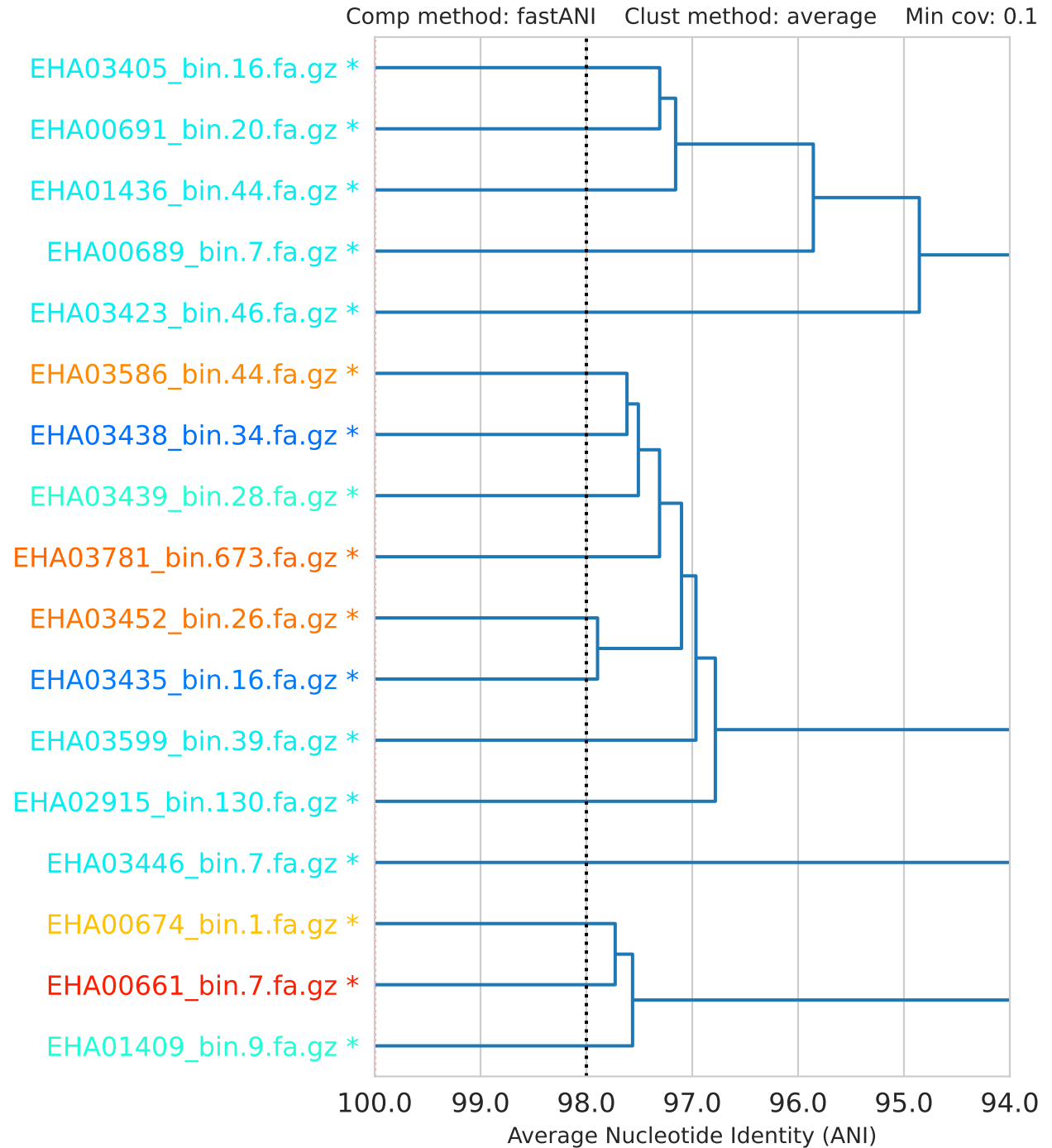
# Primary cluster 215



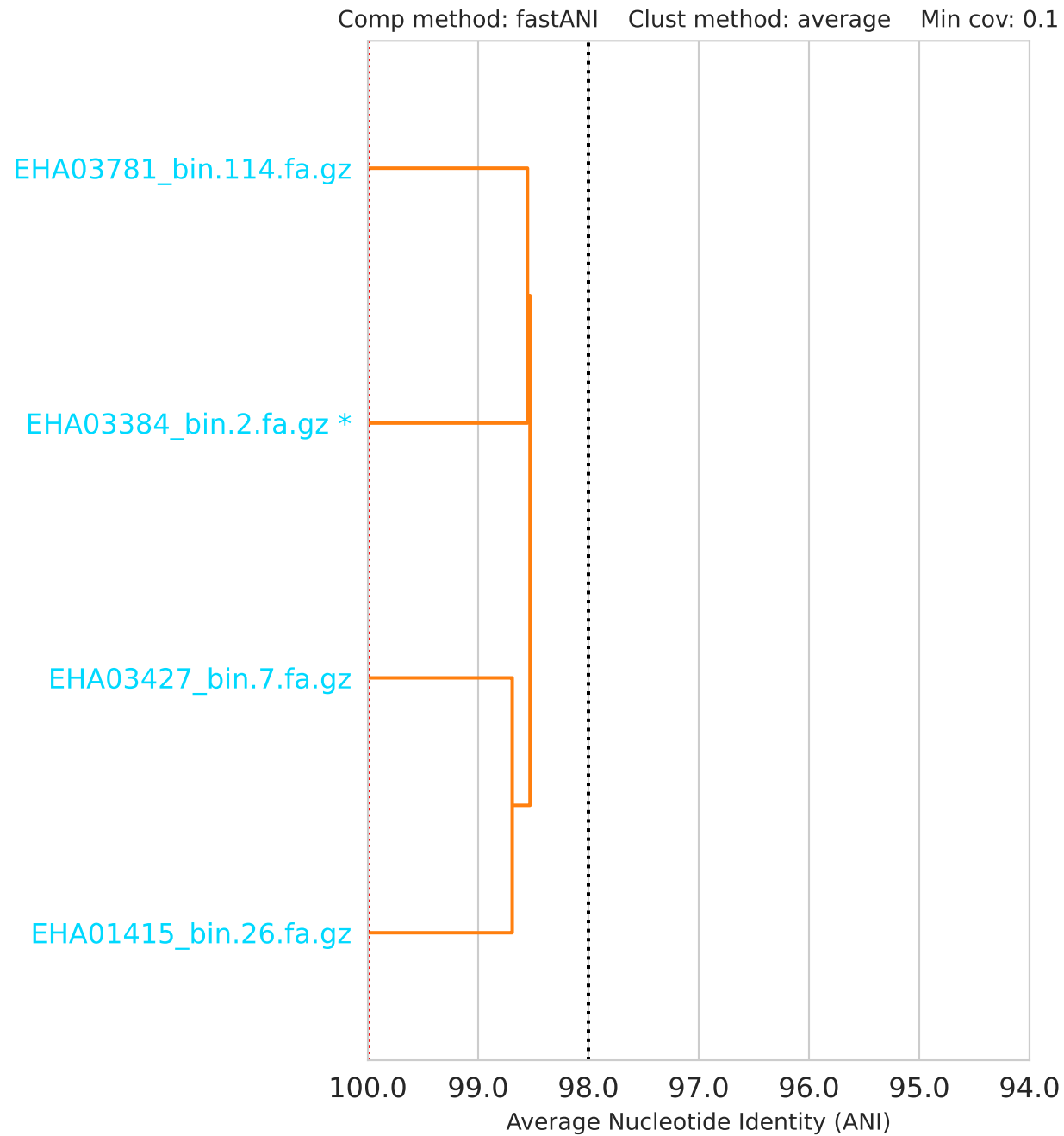
# Primary cluster 216



# Primary cluster 217

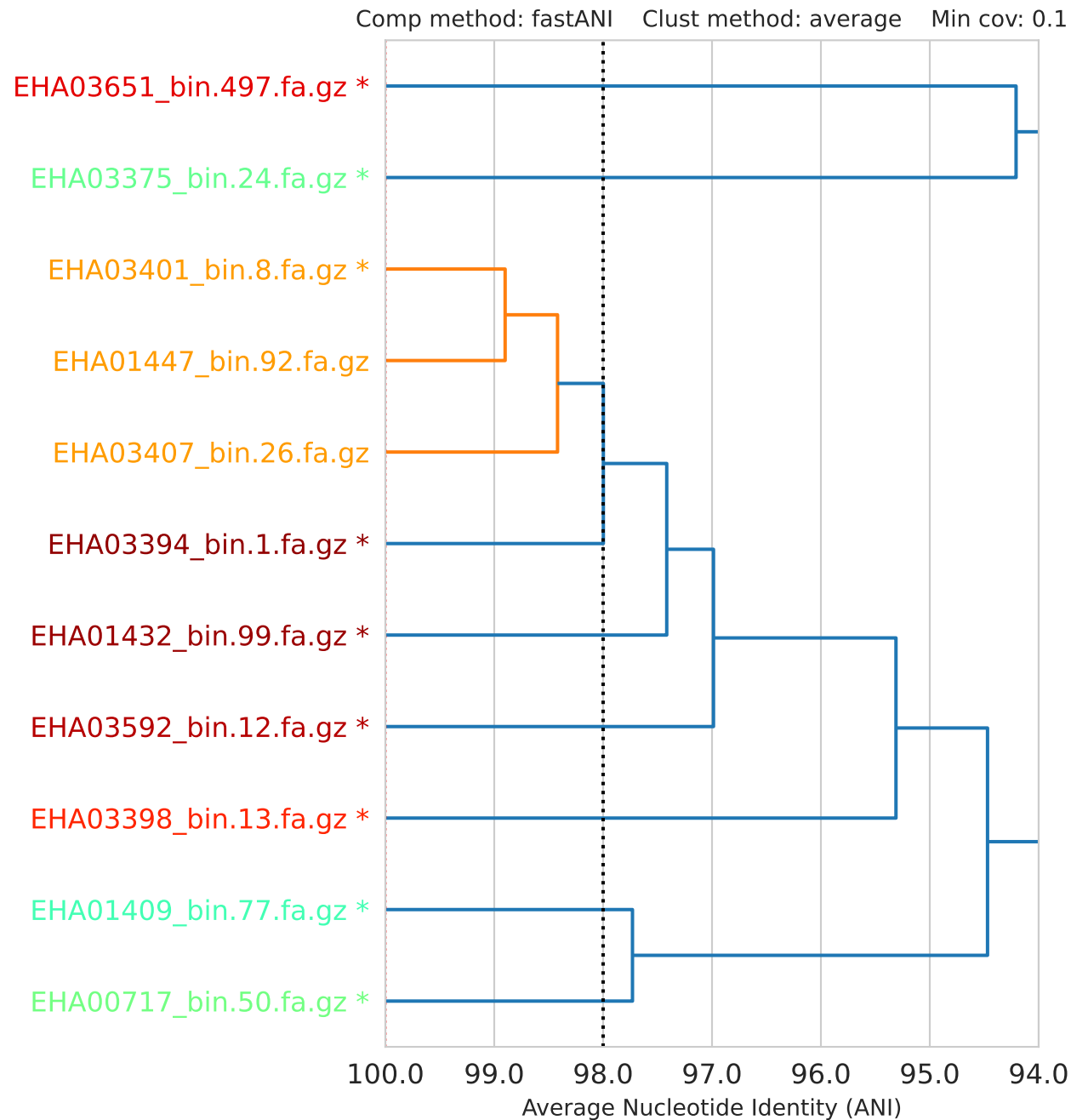


# Primary cluster 218

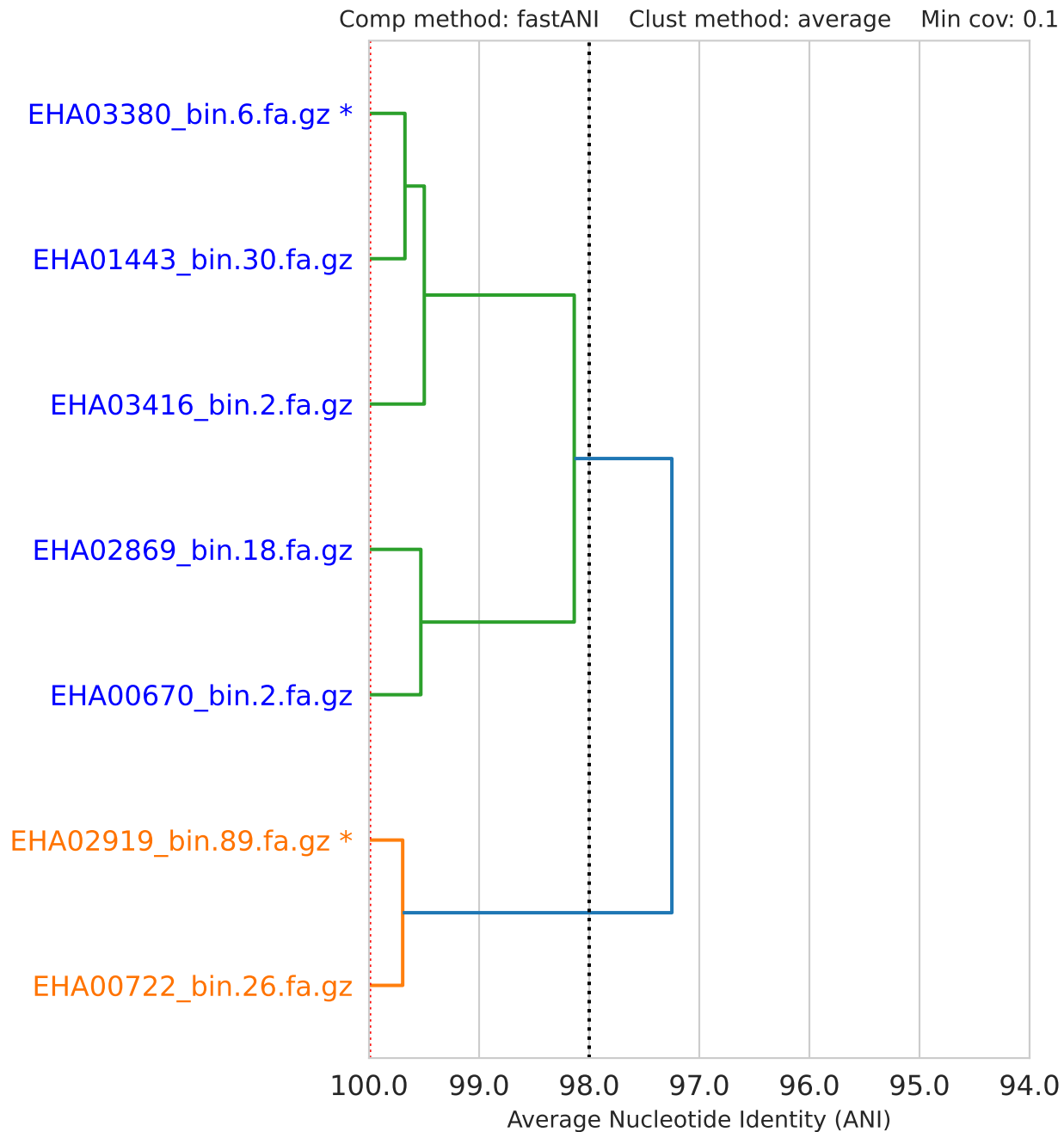




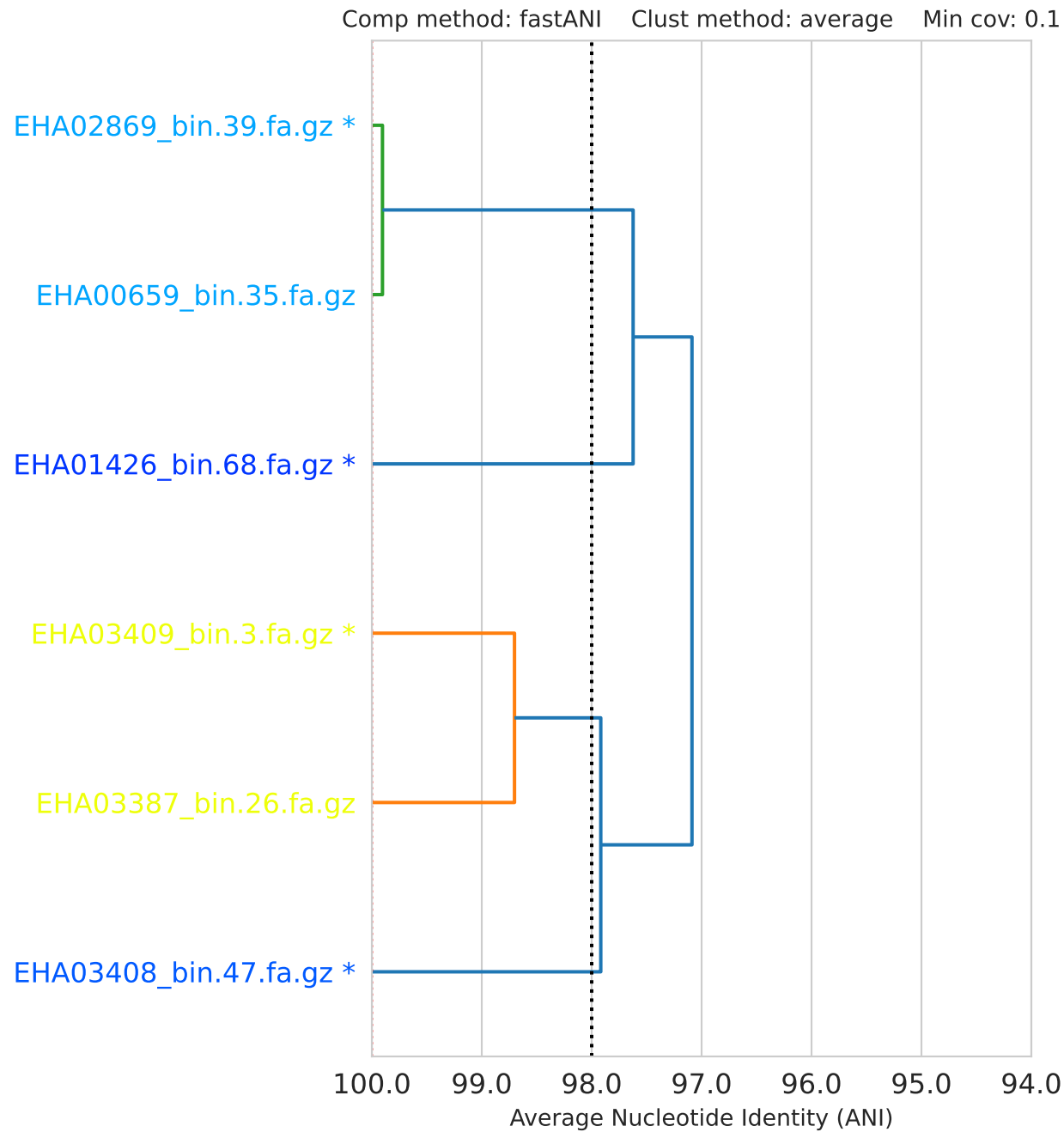
# Primary cluster 219



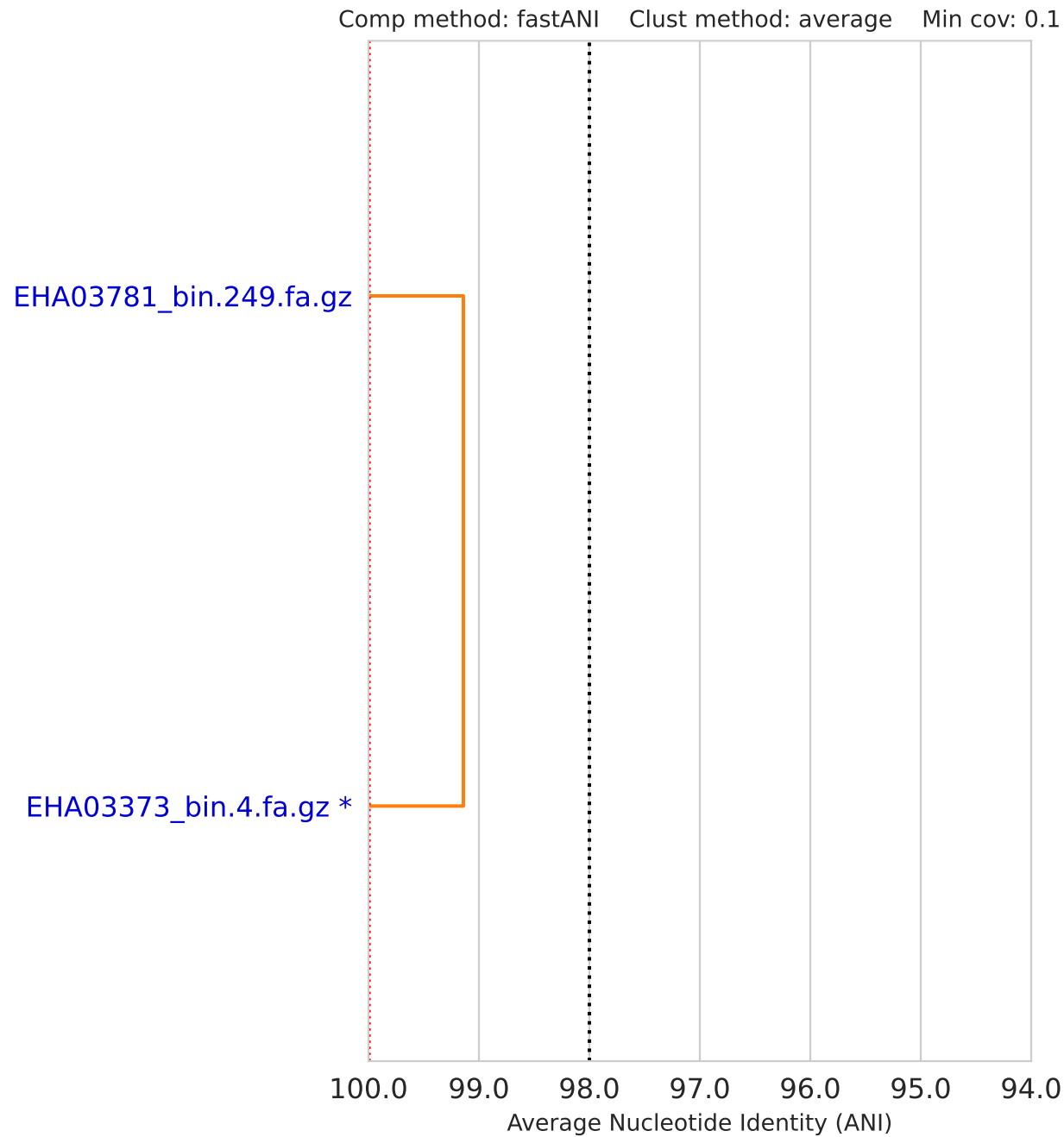
# Primary cluster 220



# Primary cluster 221



# Primary cluster 222



# Primary cluster 224

Comp method: fastANI

Clust method: average

Min cov: 0.1

EHA03781\_bin.76.fa.gz \*

EHA01415\_bin.91.fa.gz \*

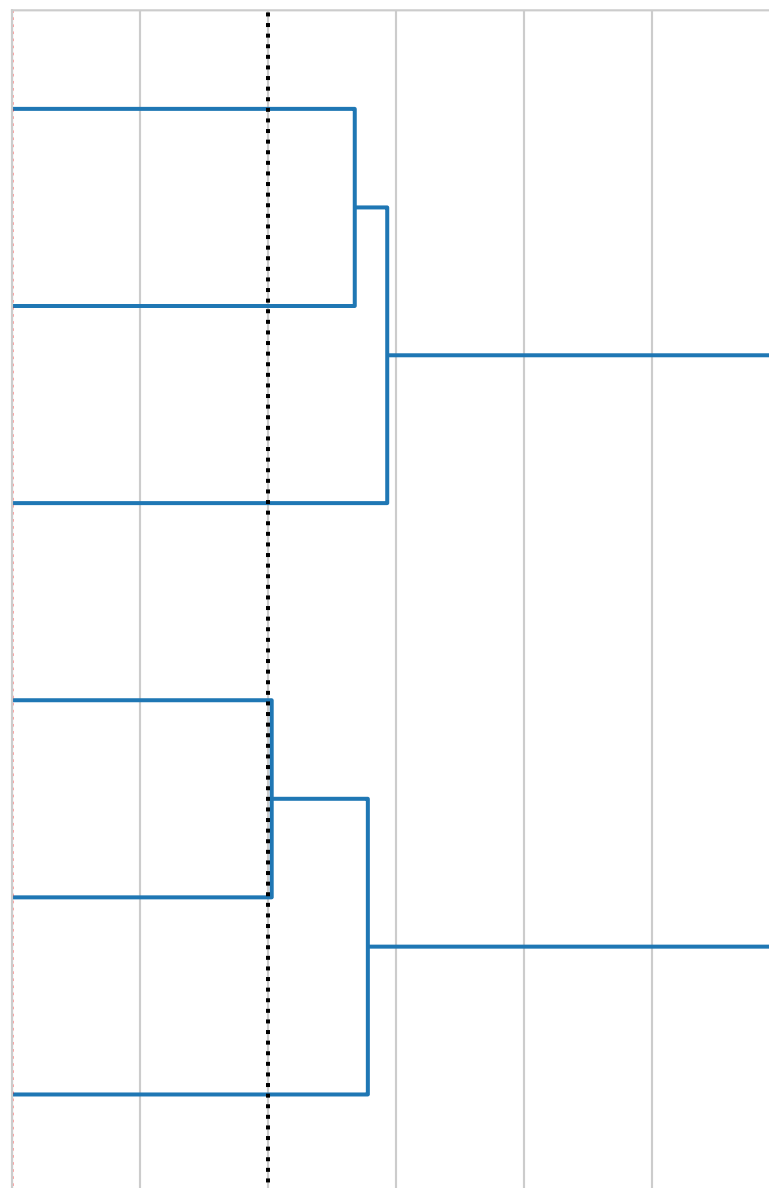
EHA01426\_bin.19.fa.gz \*

EHA03755\_bin.35.fa.gz \*

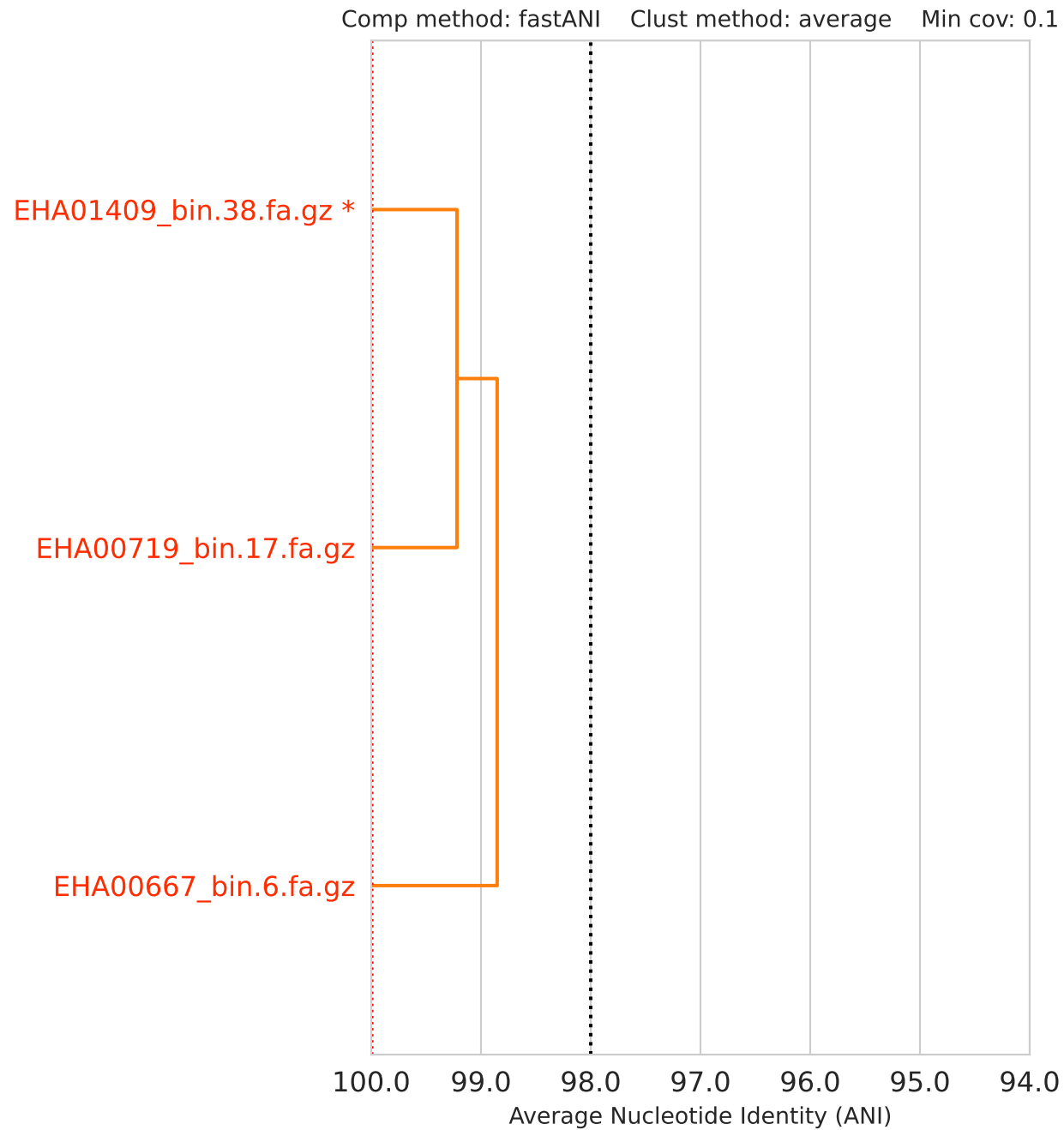
EHA01432\_bin.4.fa.gz \*

EHA03396\_bin.28.fa.gz \*

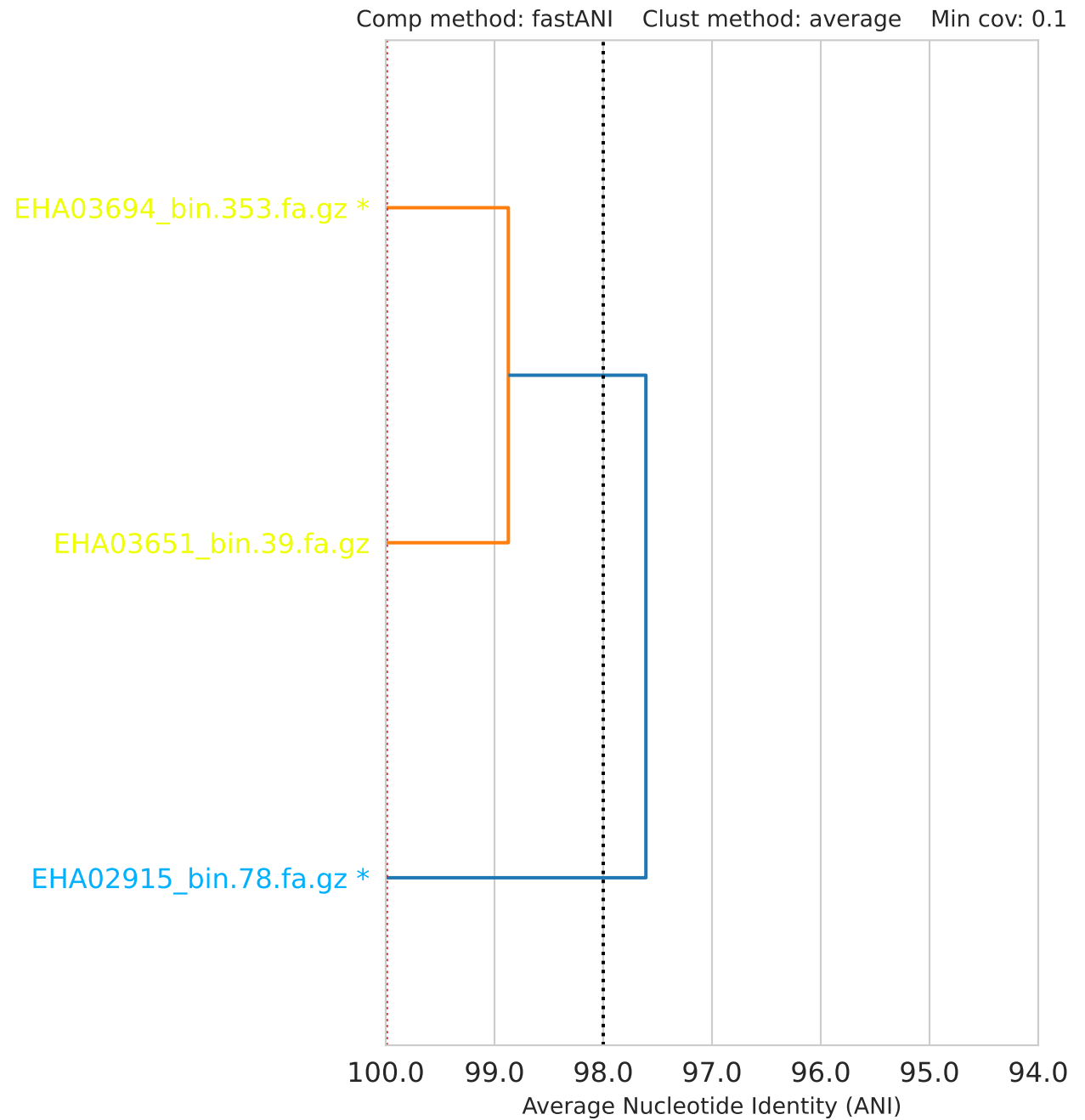
100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



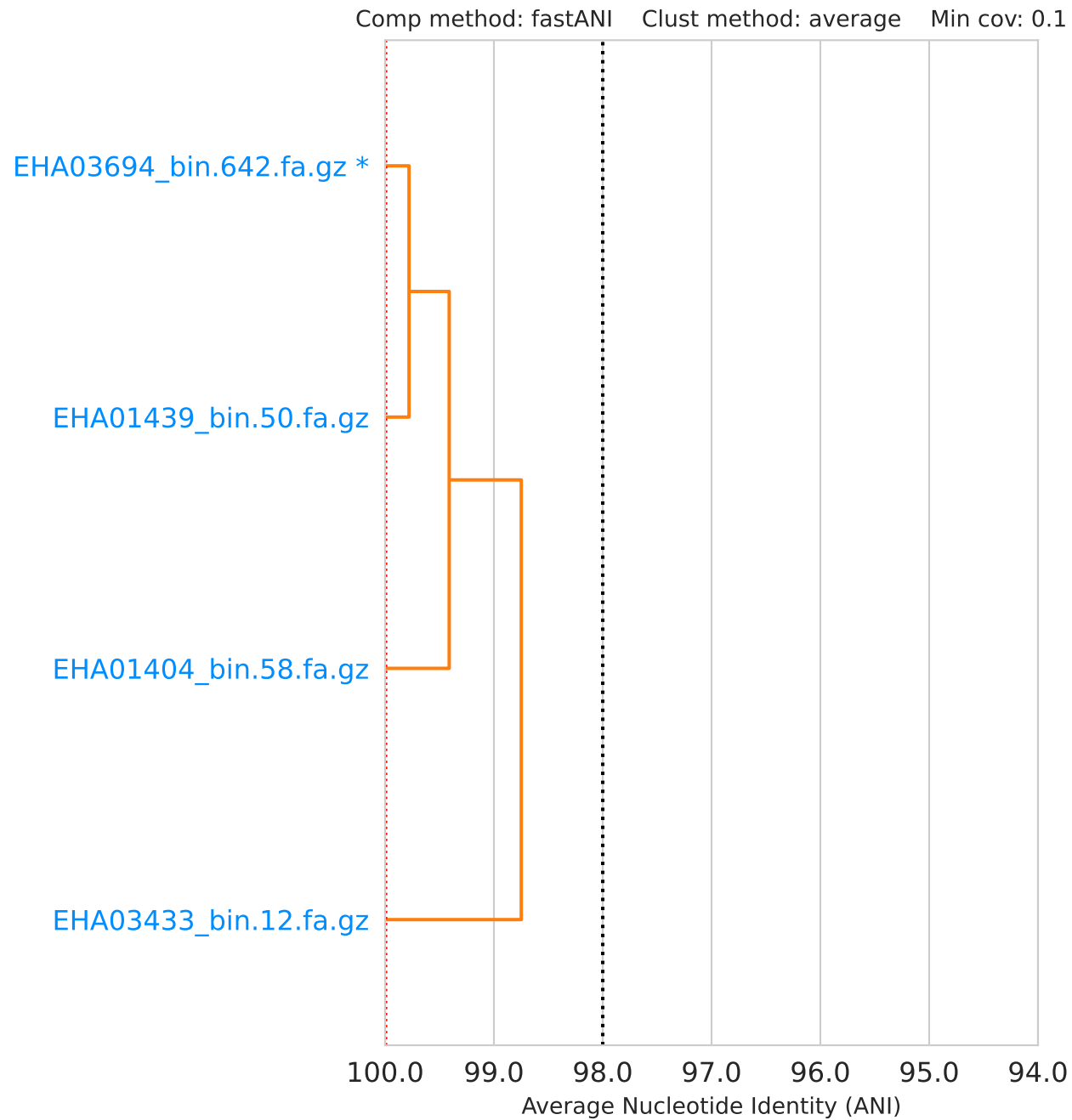
# Primary cluster 225



# Primary cluster 227

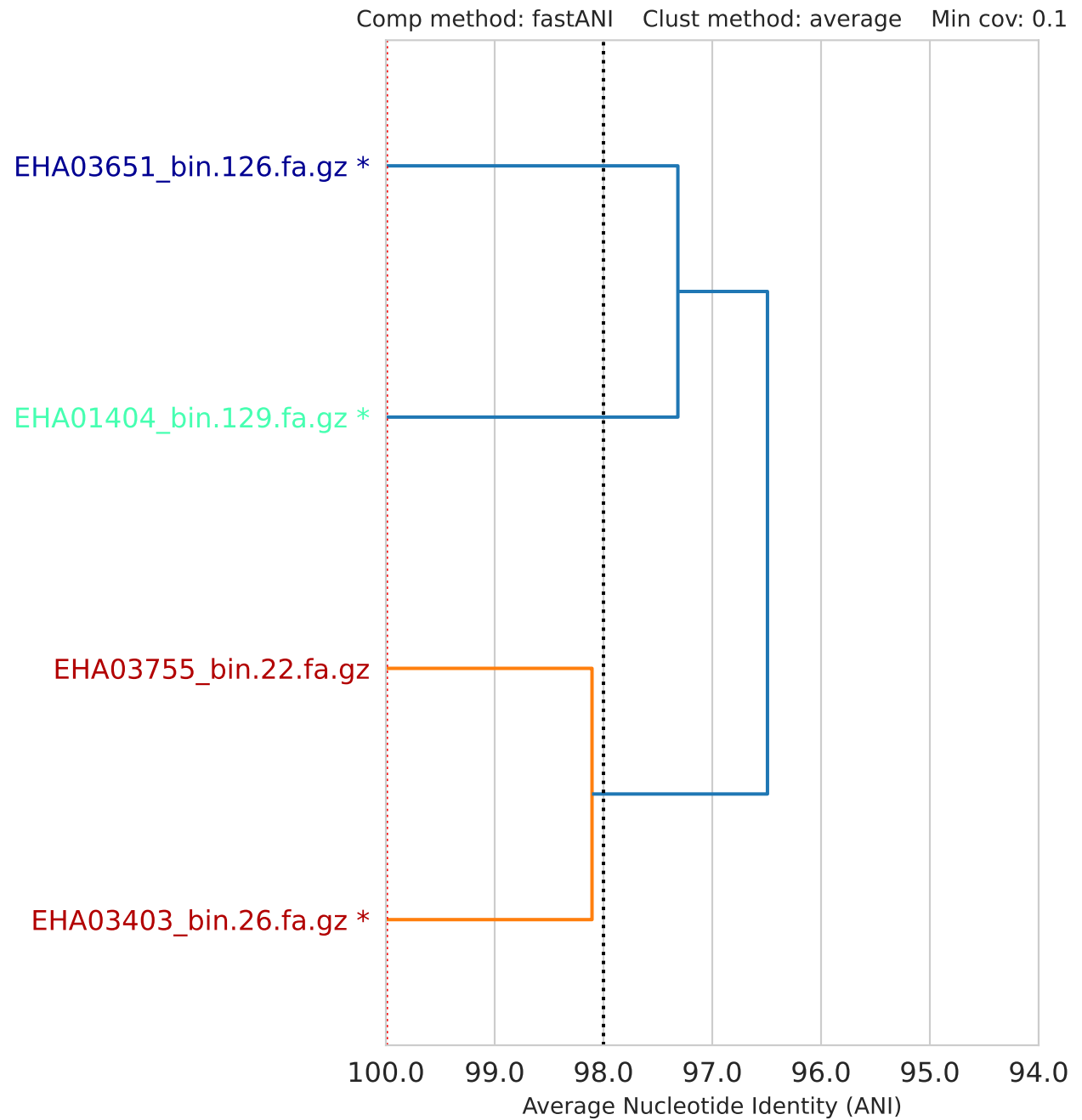


# Primary cluster 228

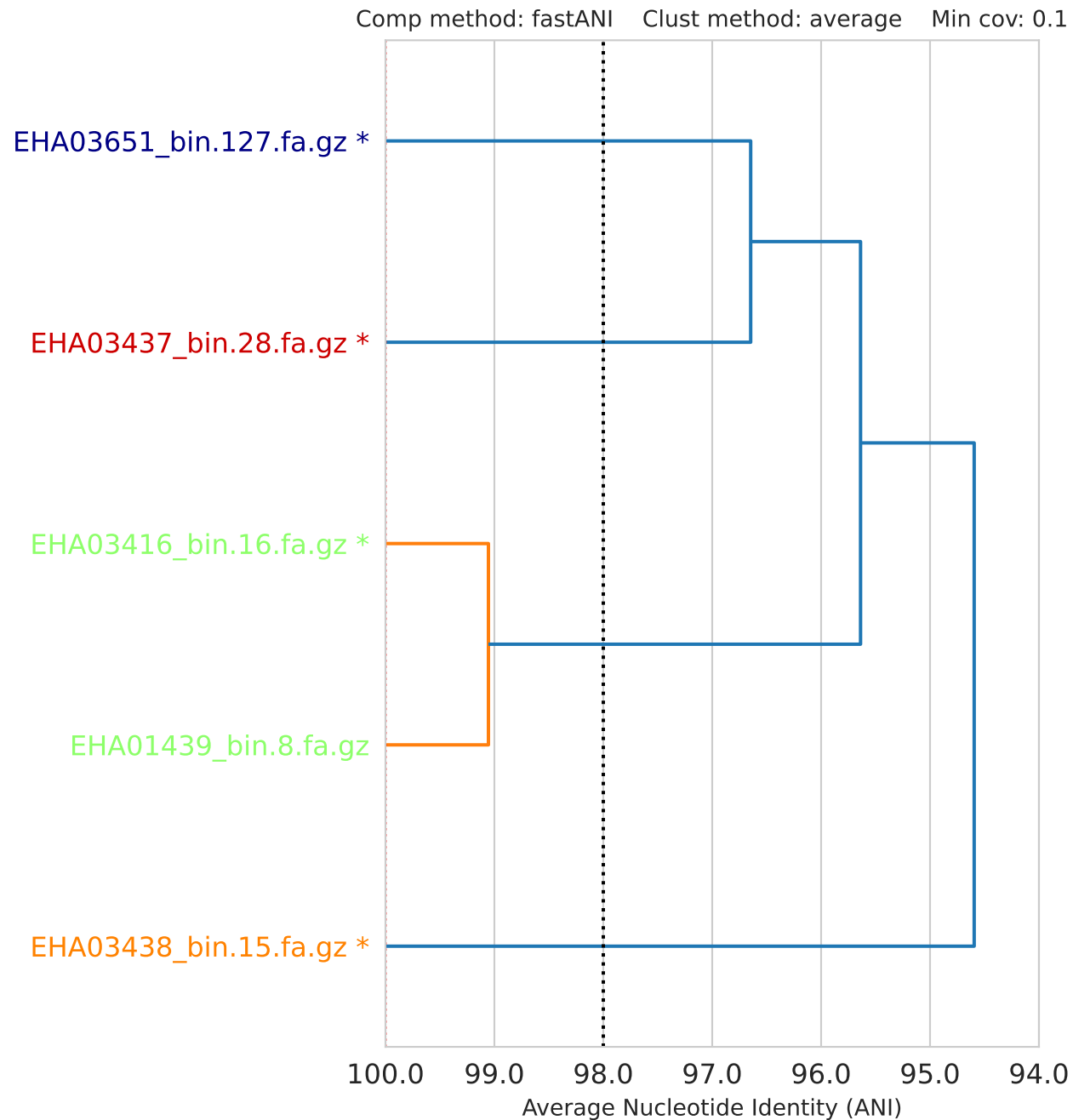




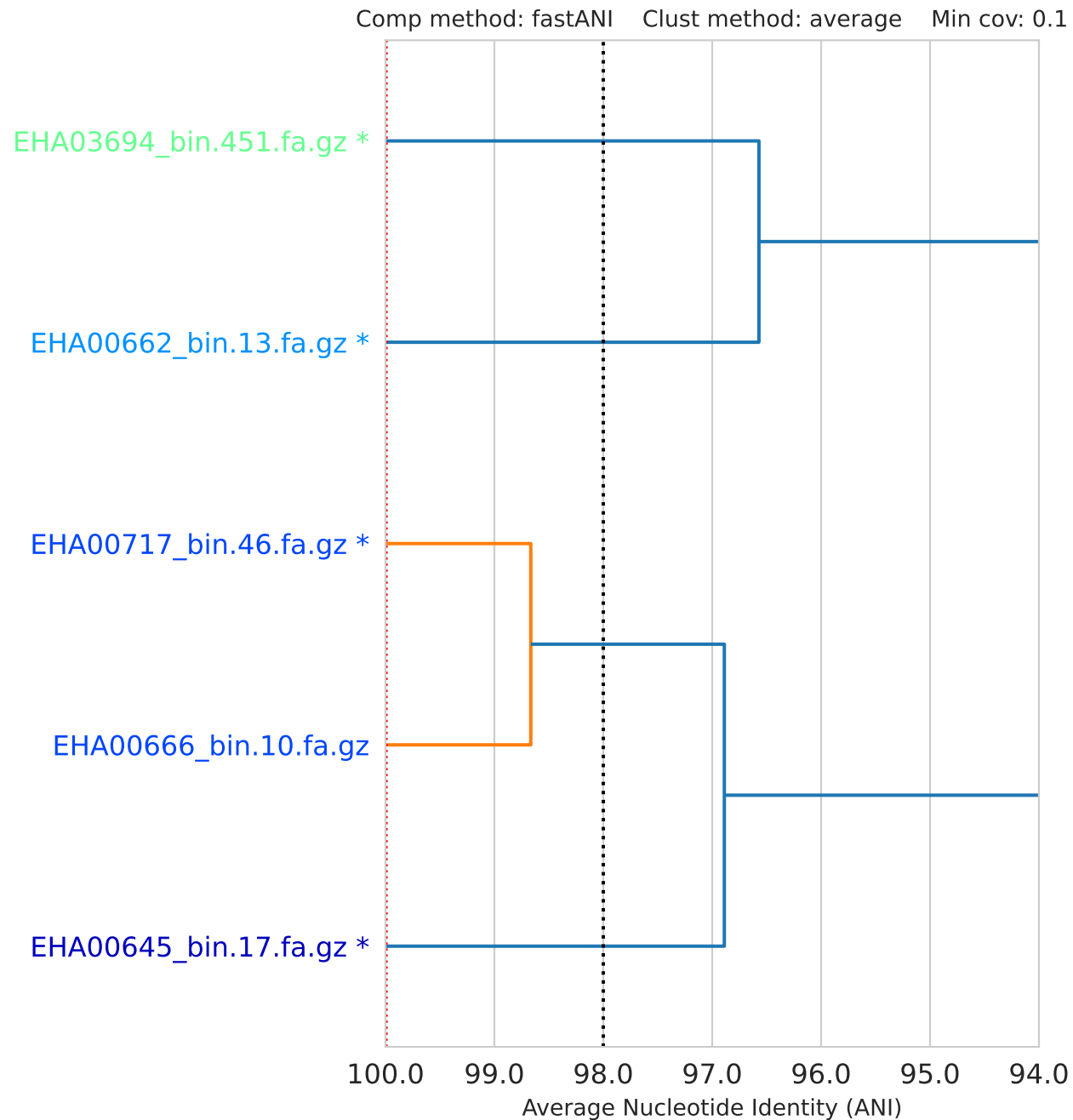
# Primary cluster 230



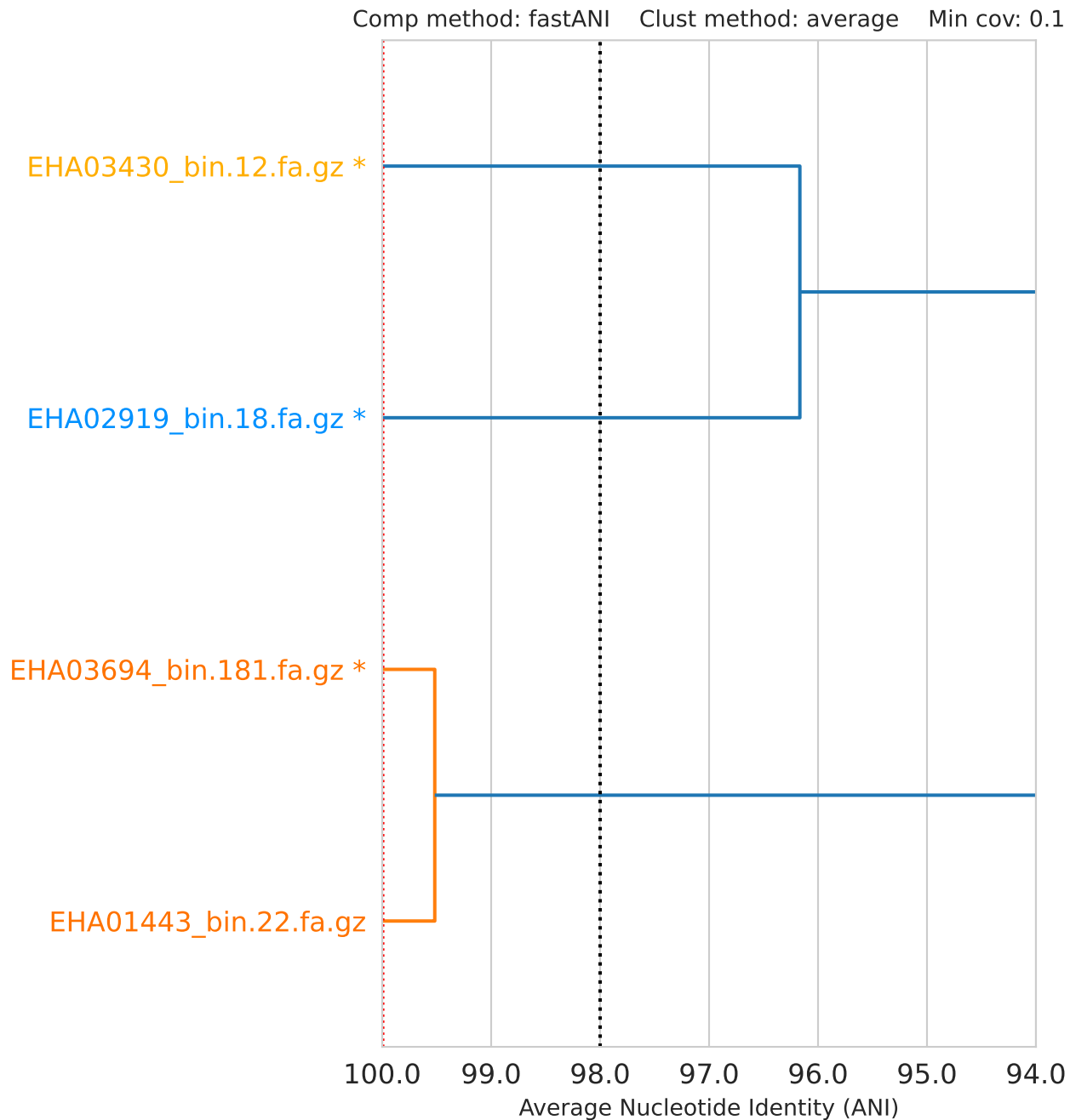
# Primary cluster 231



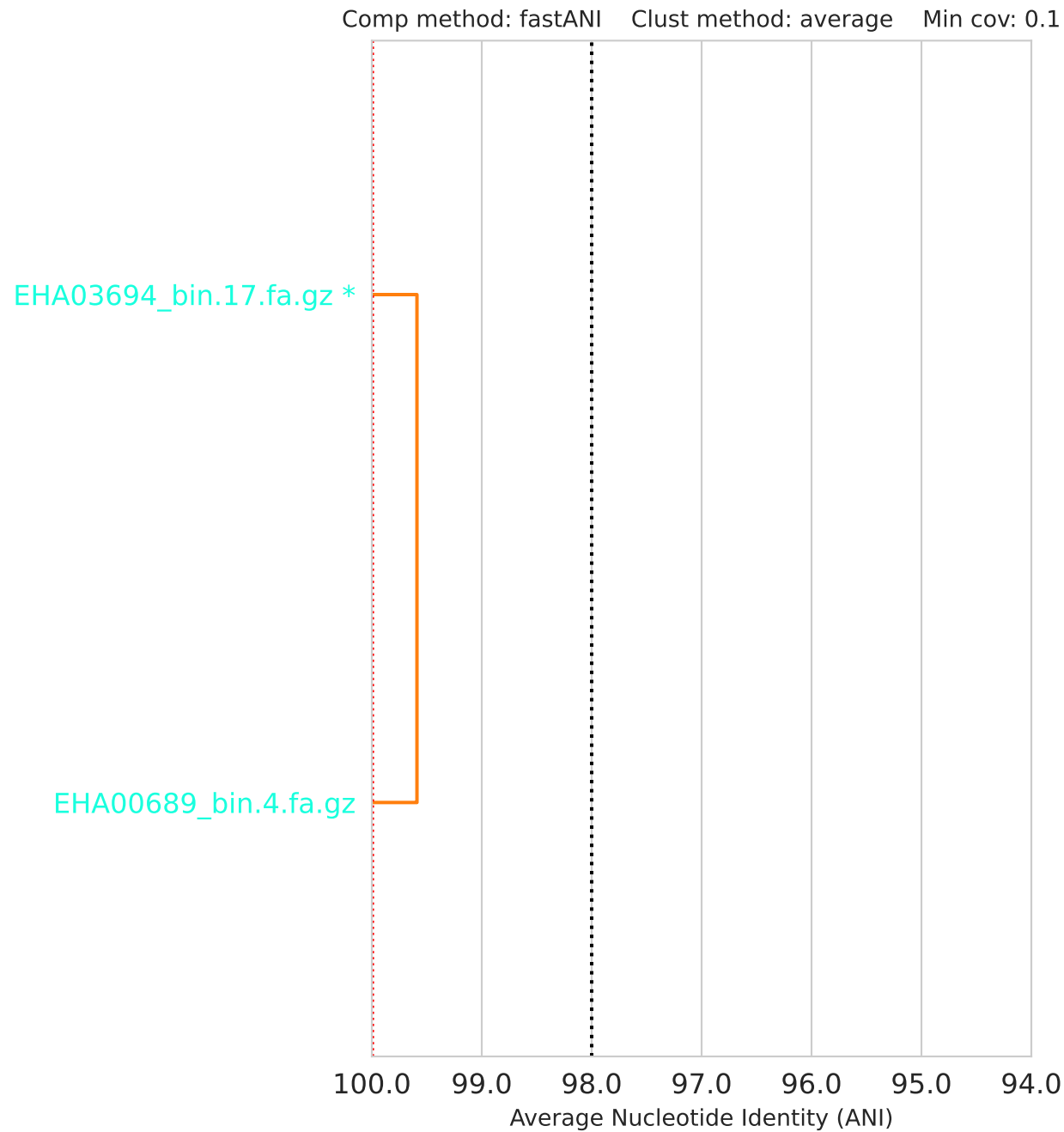
# Primary cluster 232



# Primary cluster 234



# Primary cluster 239



# Primary cluster 242

Comp method: fastANI

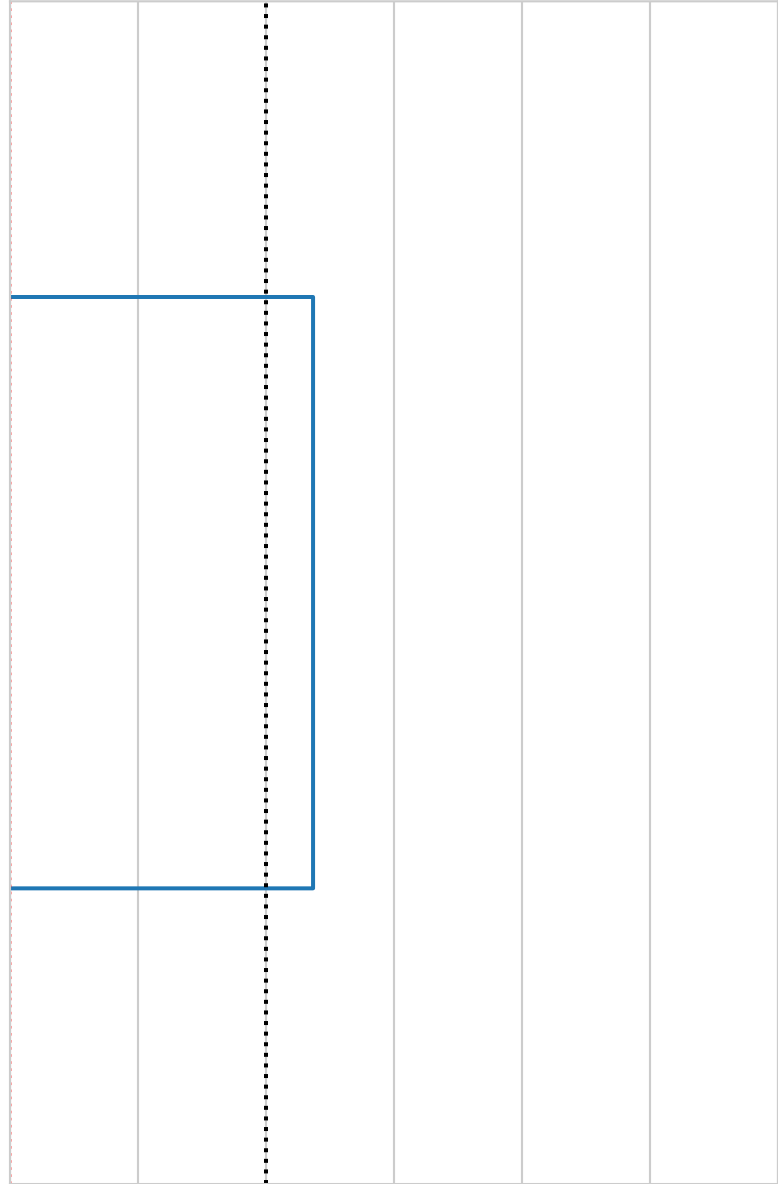
Clust method: average

Min cov: 0.1

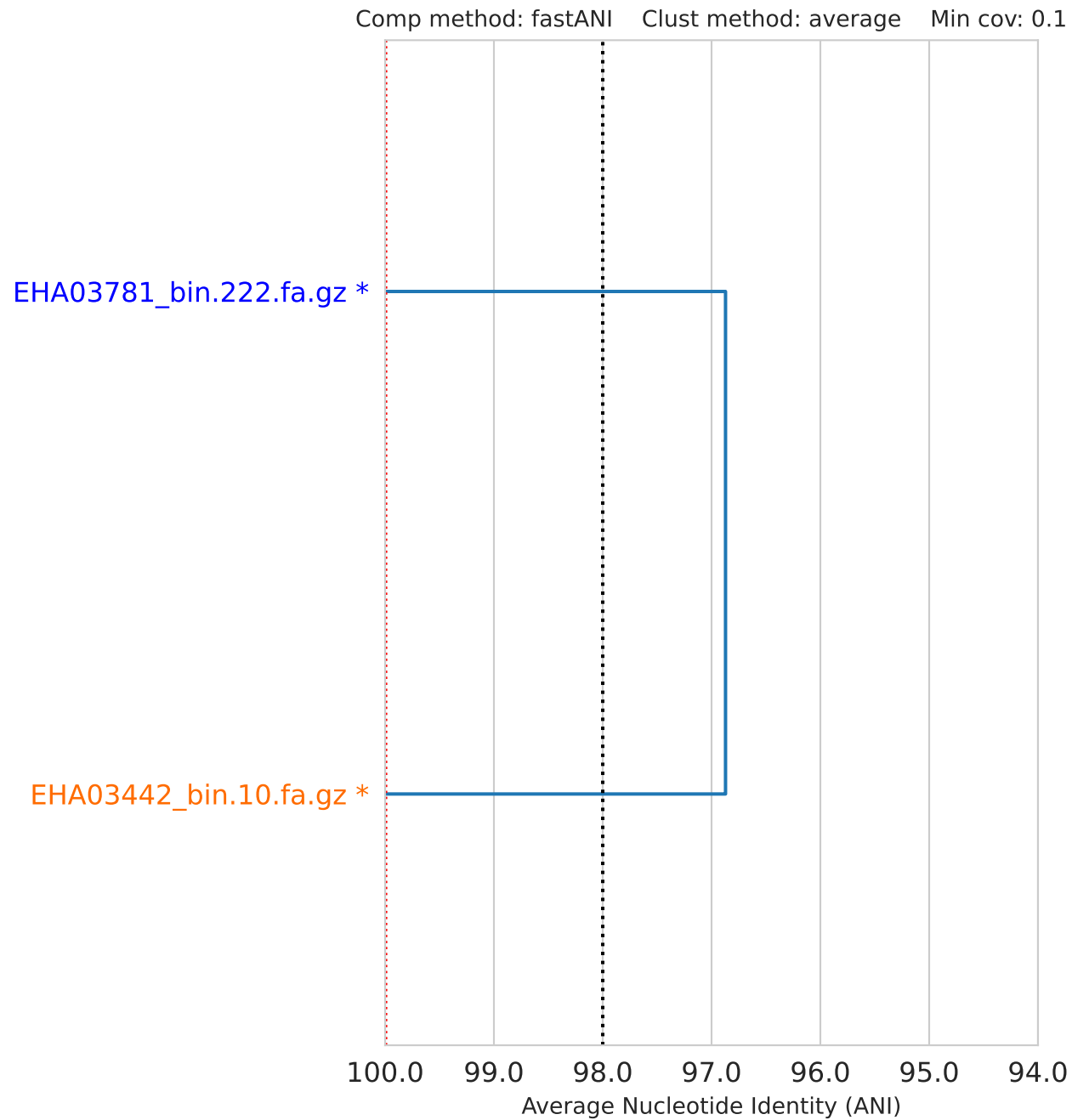
EHA03781\_bin.72.fa.gz \*

EHA03694\_bin.286.fa.gz \*

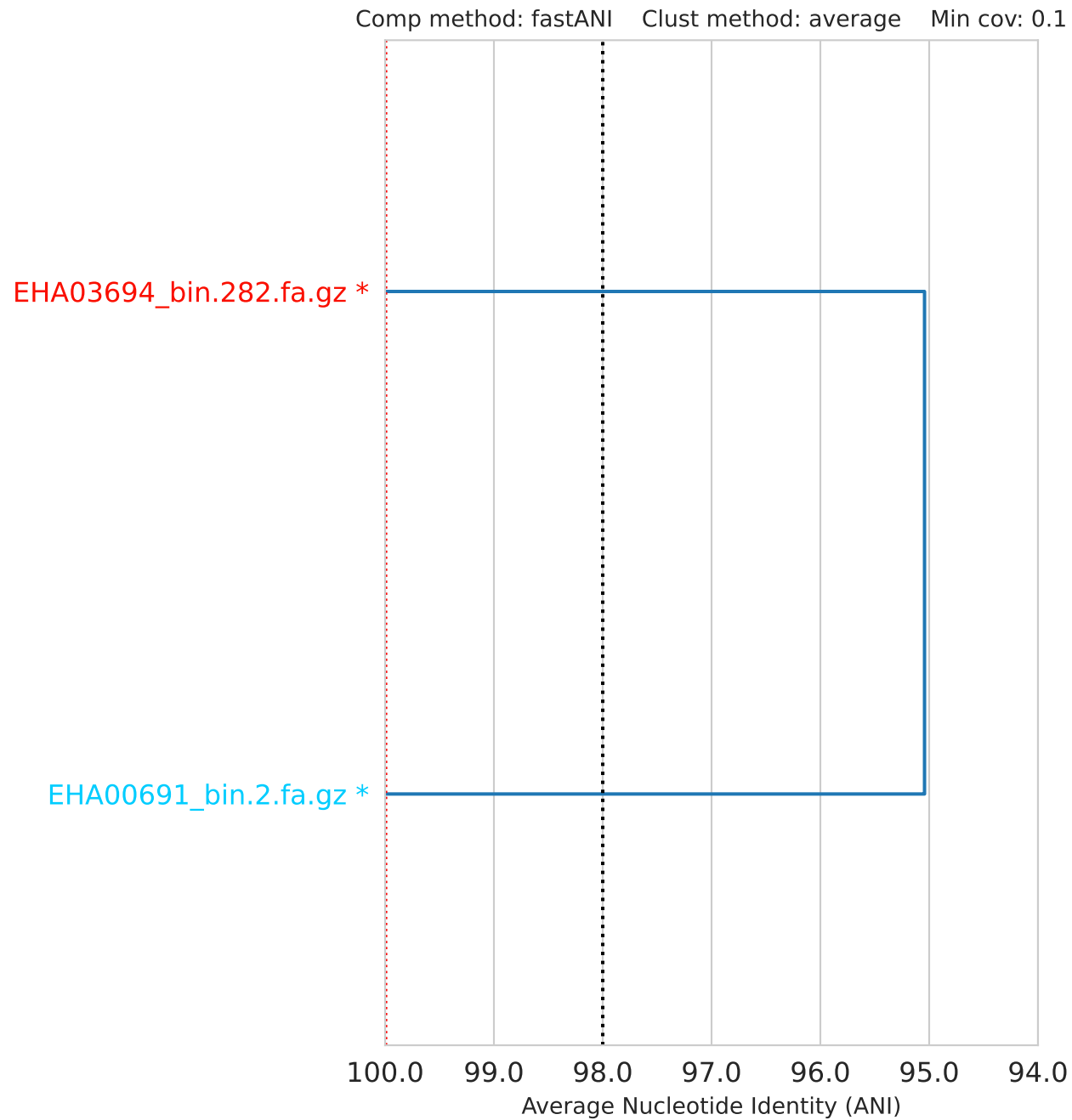
100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



# Primary cluster 244

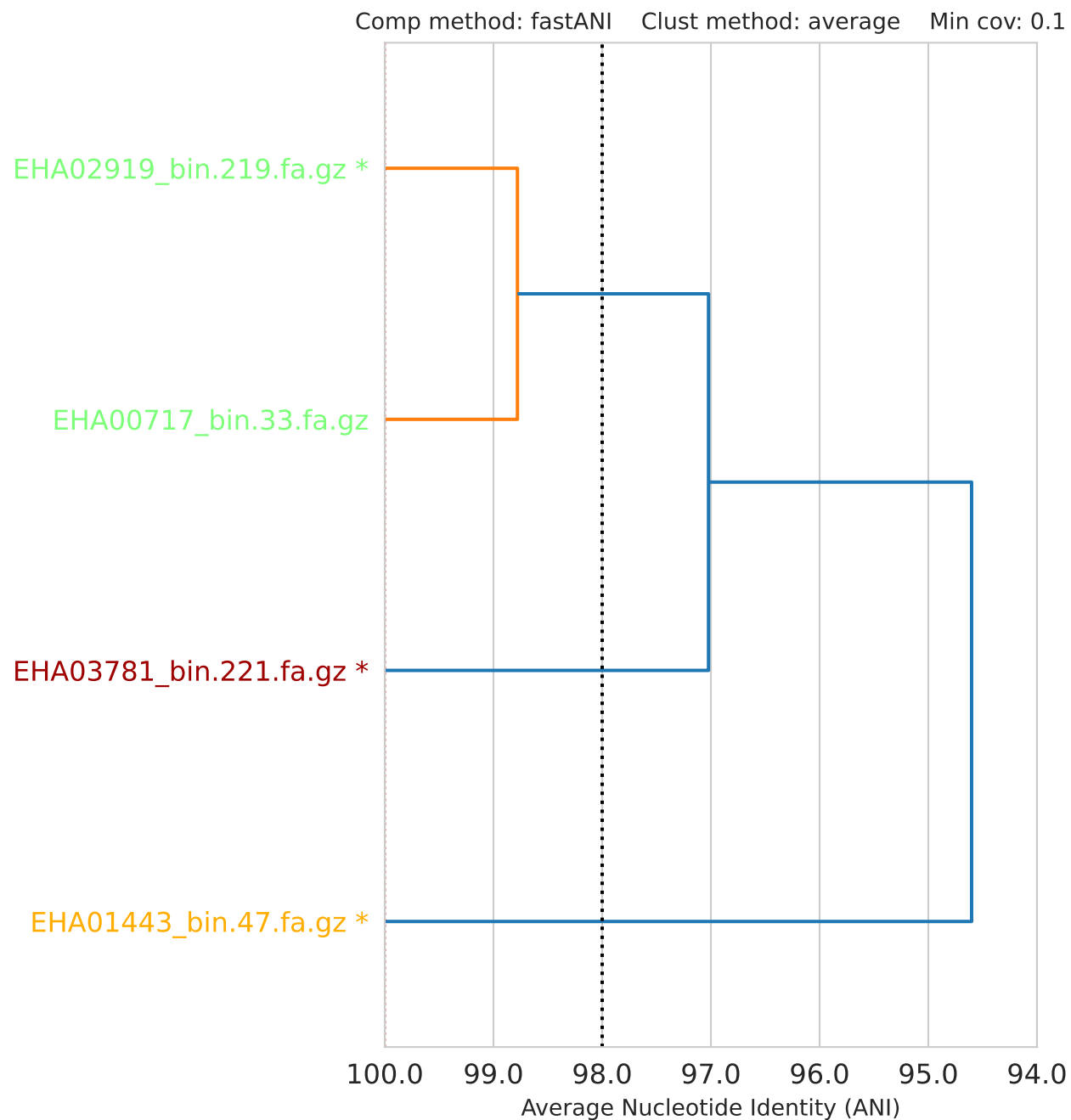


# Primary cluster 245

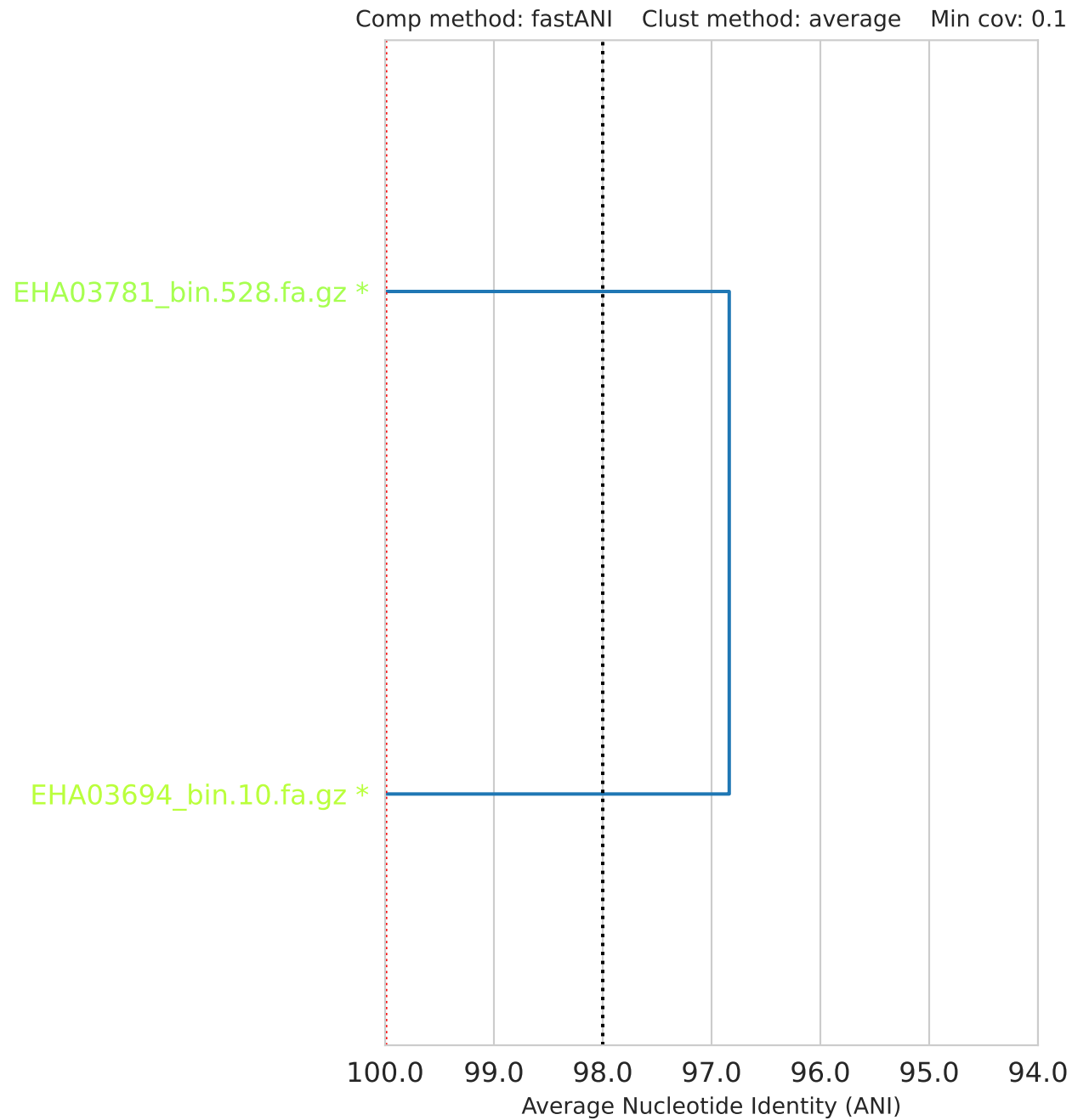




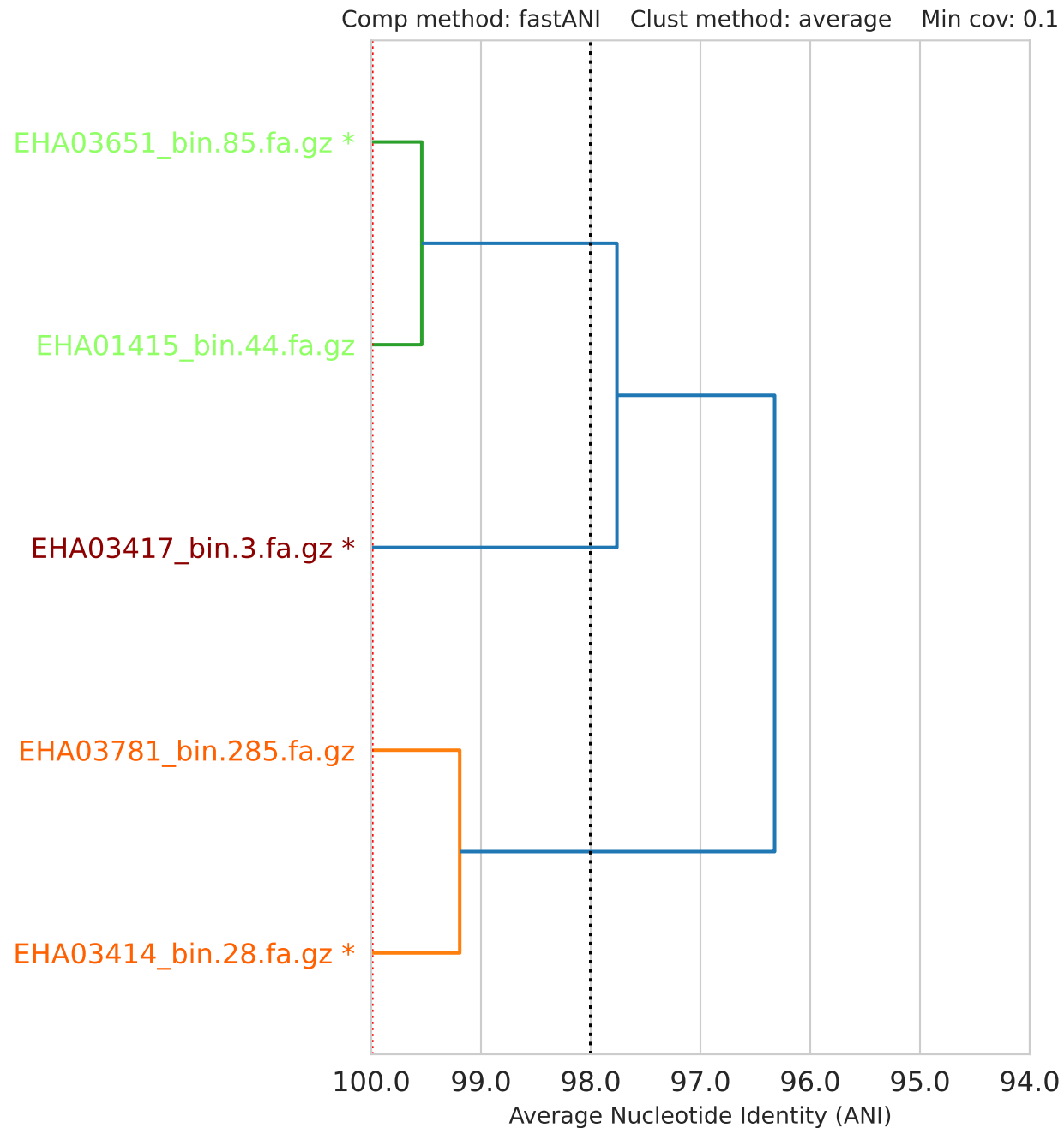
# Primary cluster 246



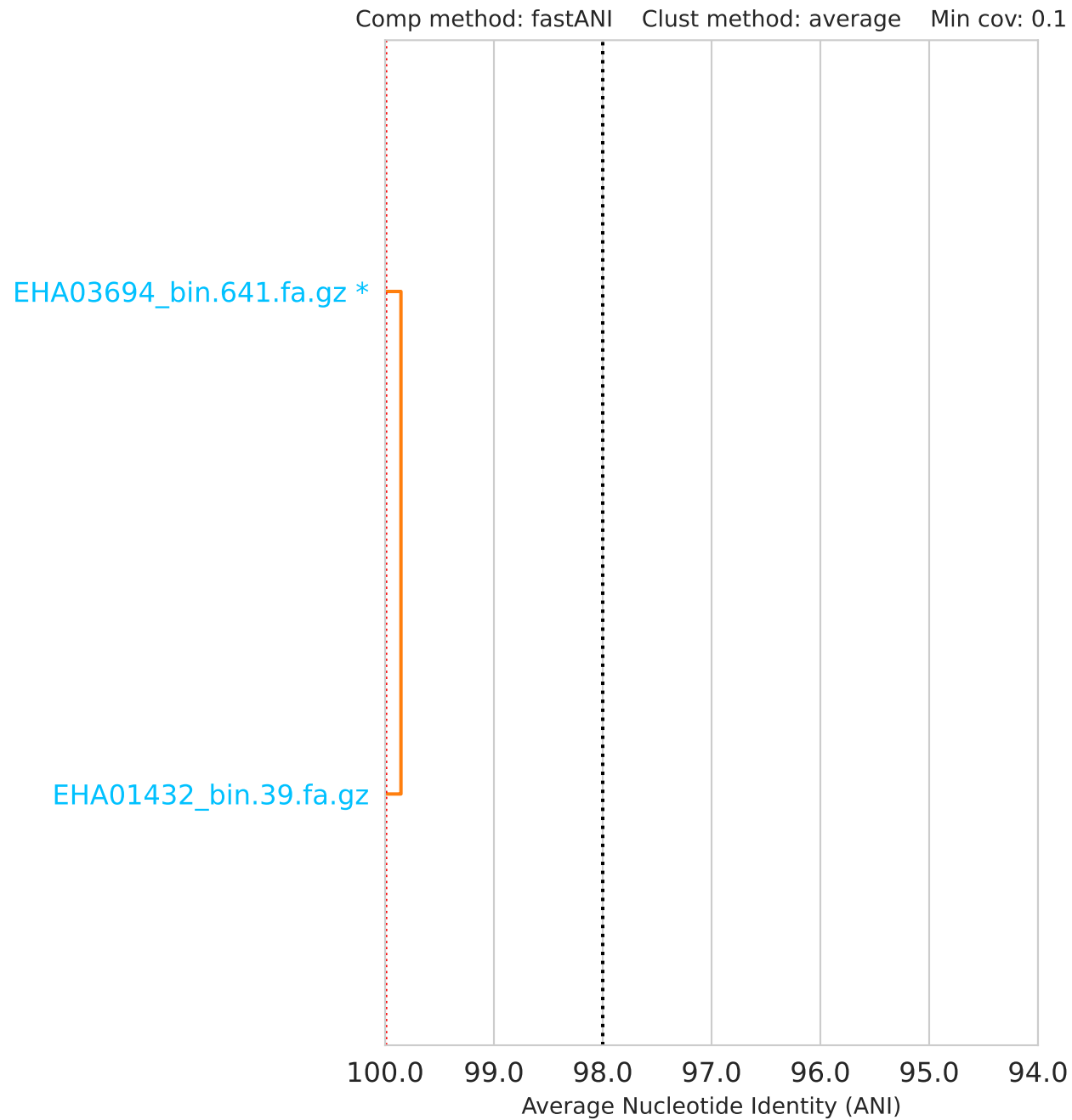
# Primary cluster 247



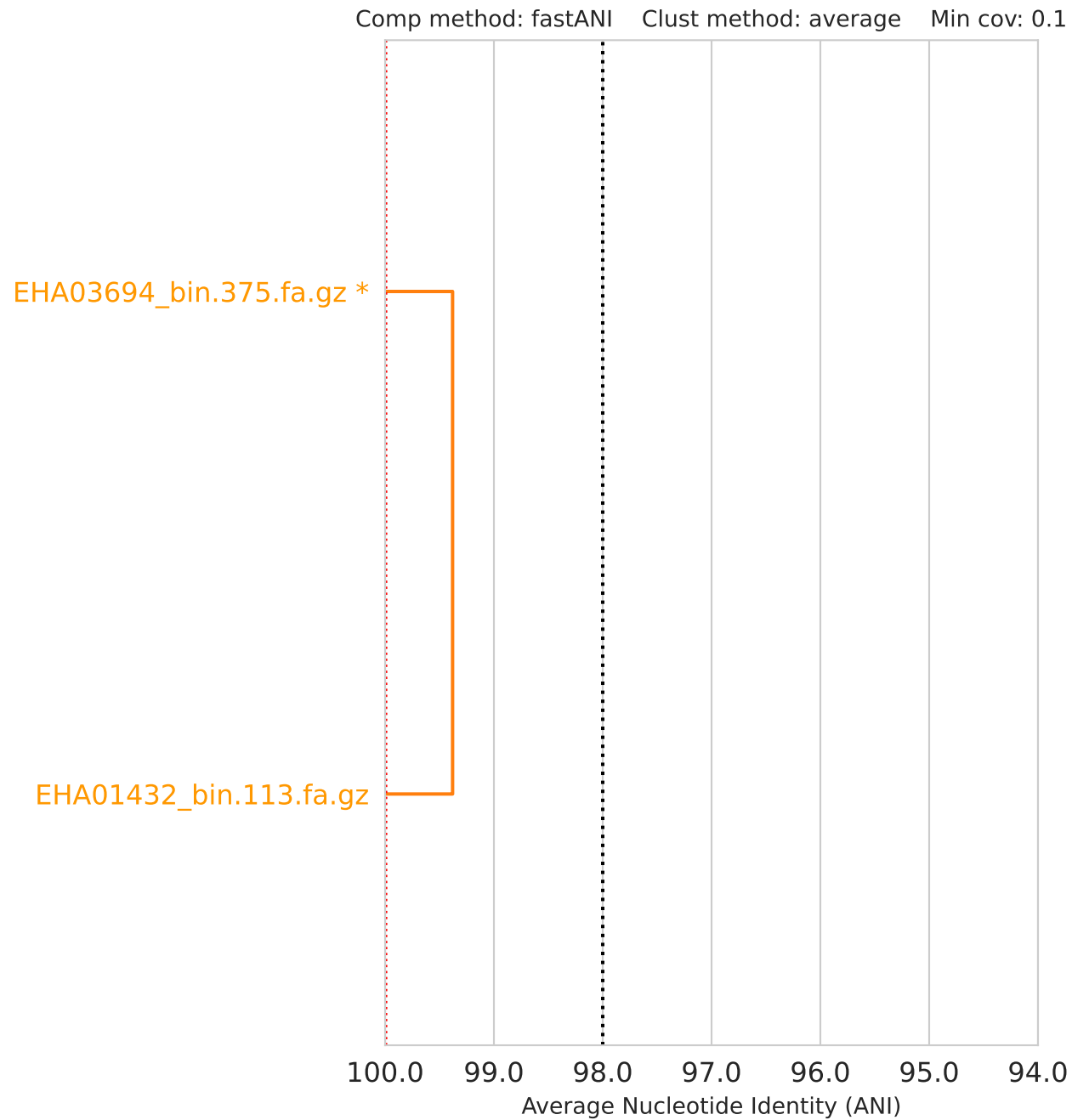
# Primary cluster 248



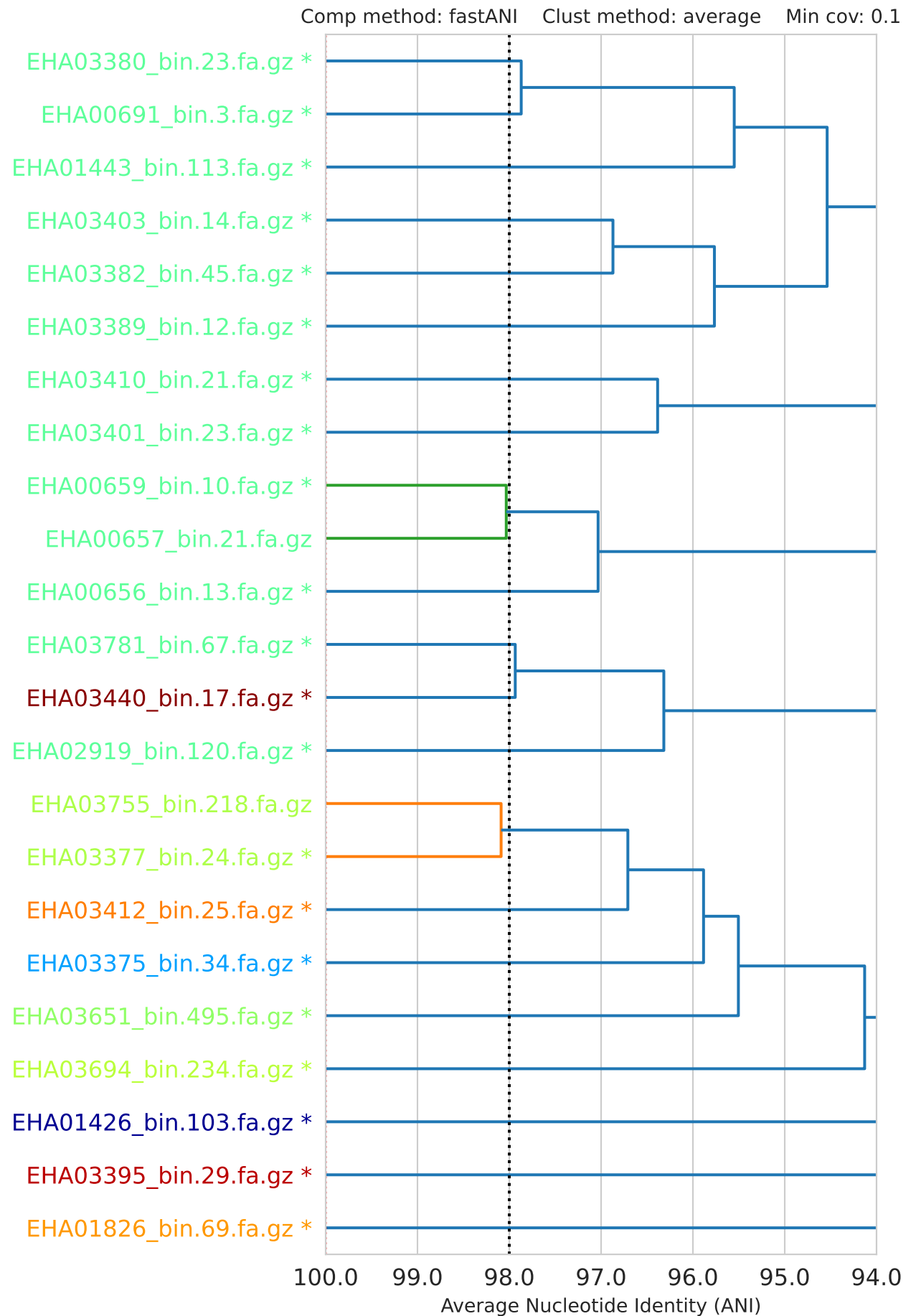
# Primary cluster 249



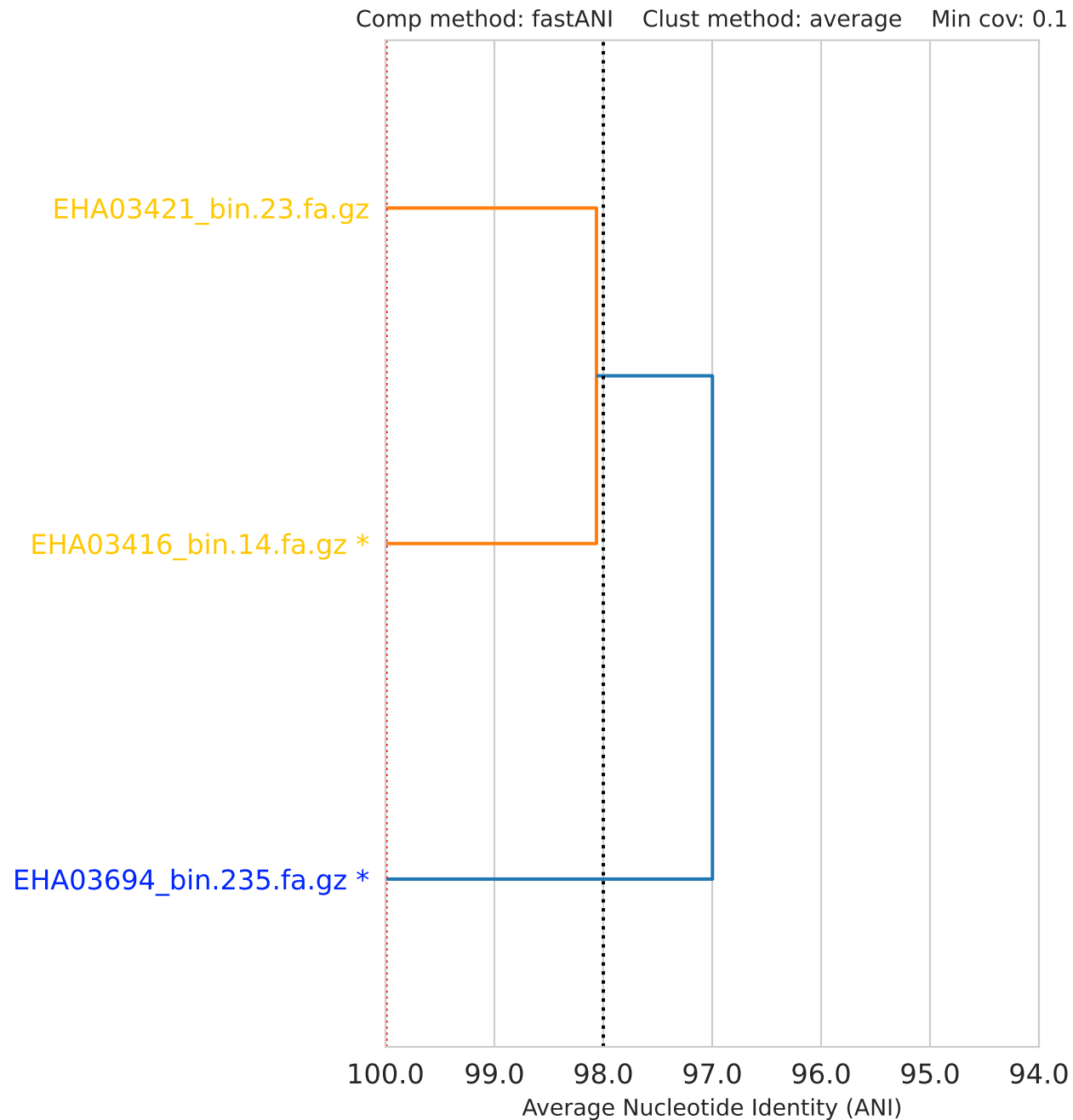
# Primary cluster 250



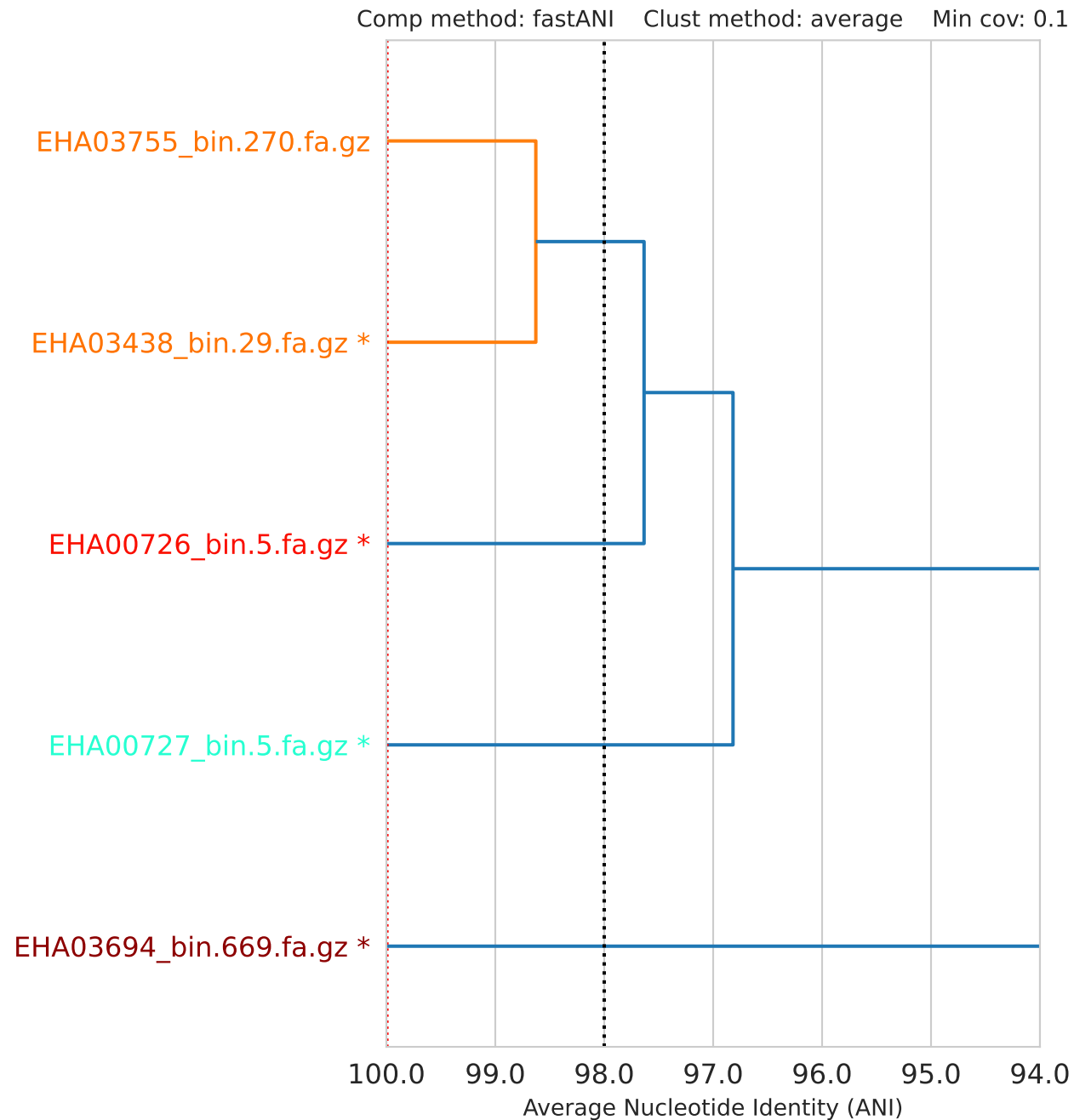
# Primary cluster 252



# Primary cluster 253

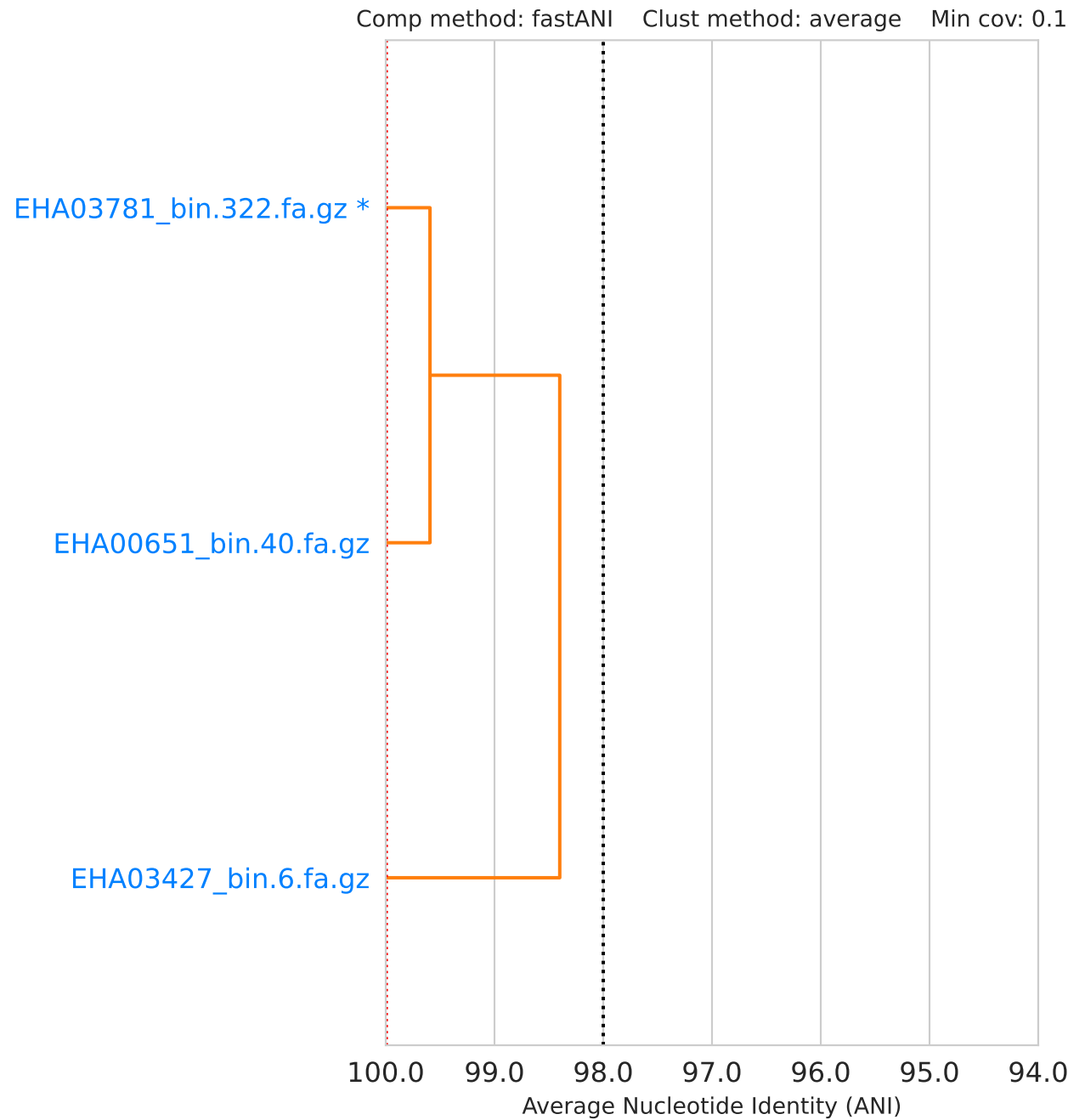


# Primary cluster 256

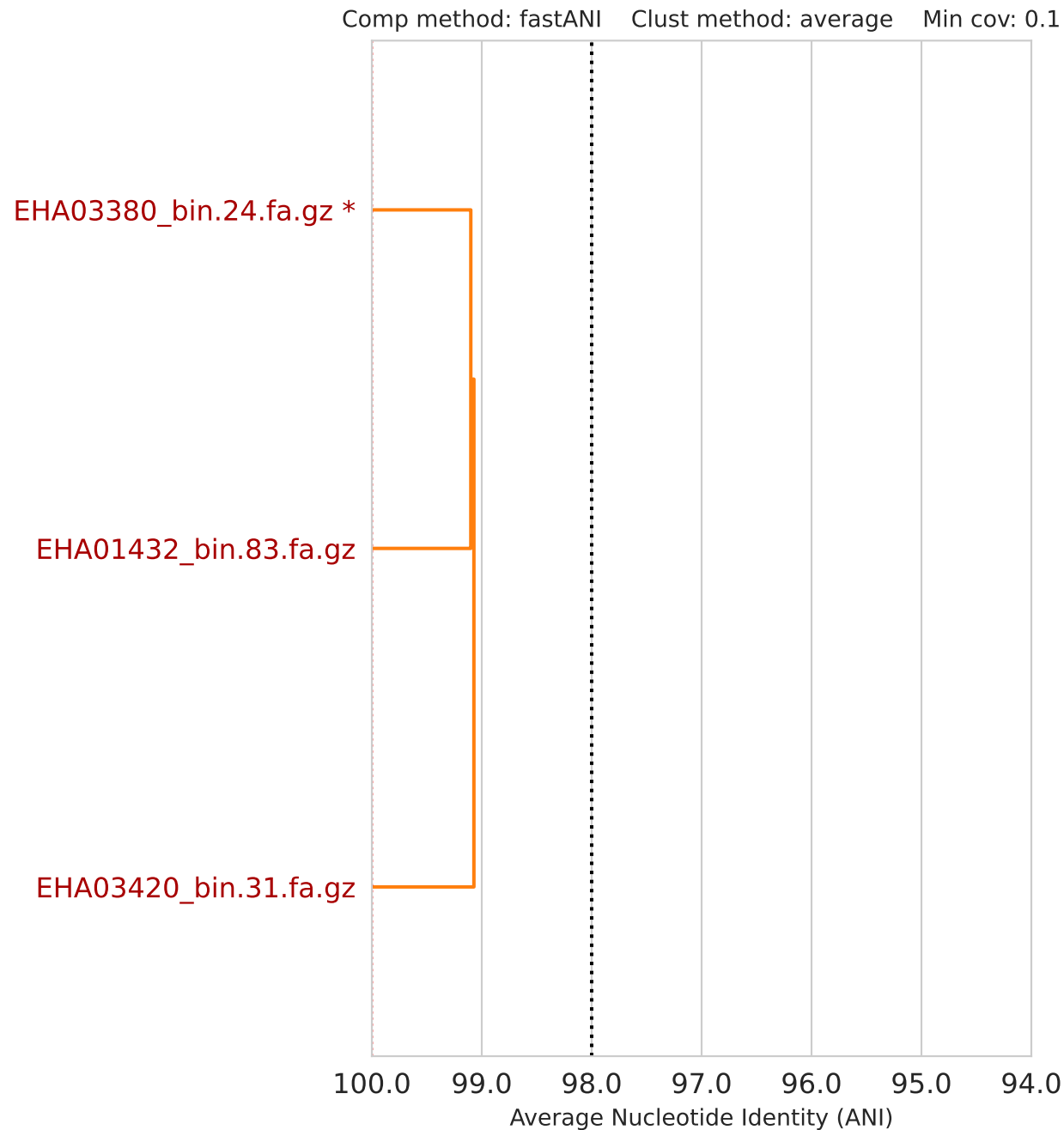




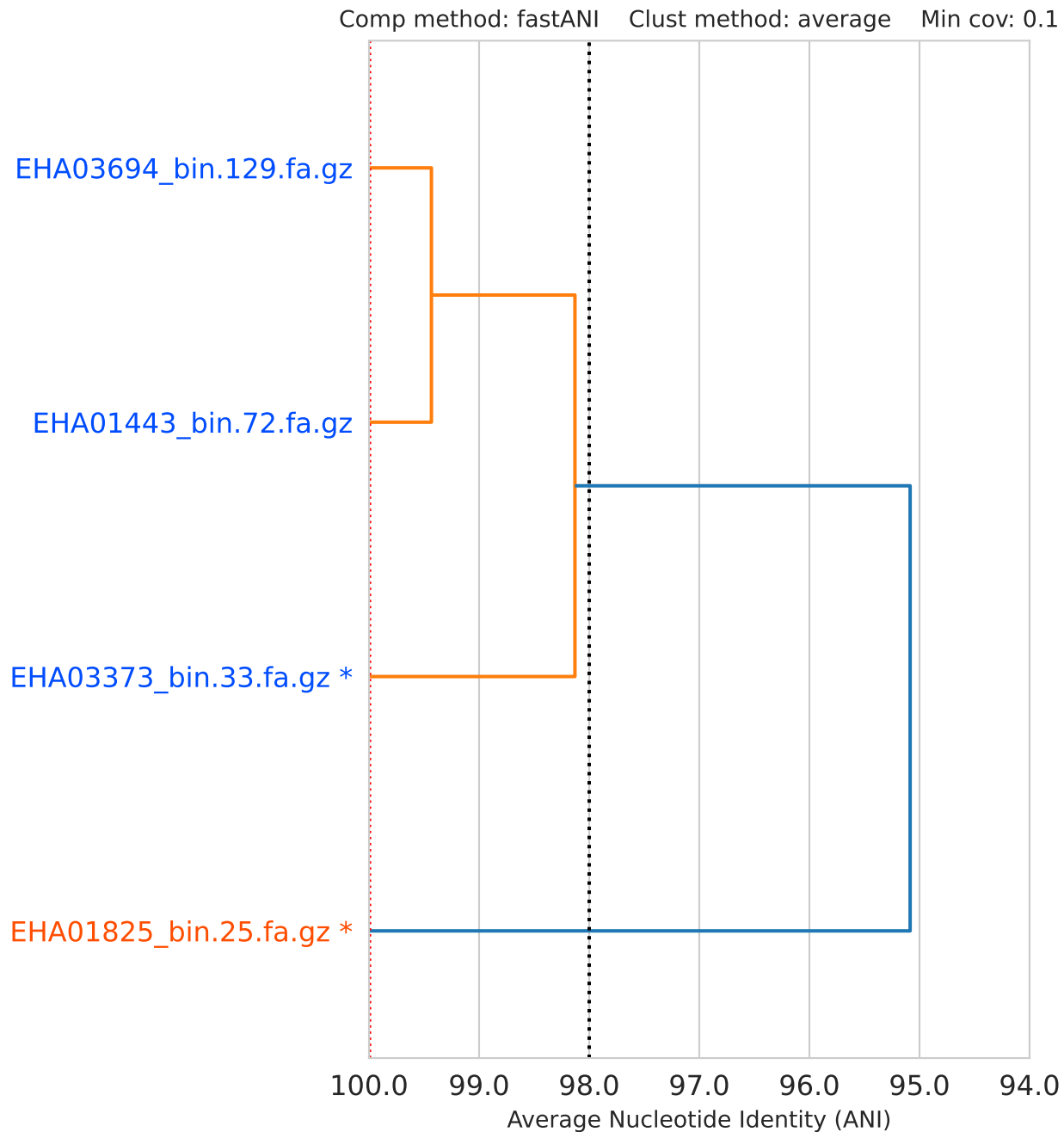
# Primary cluster 257



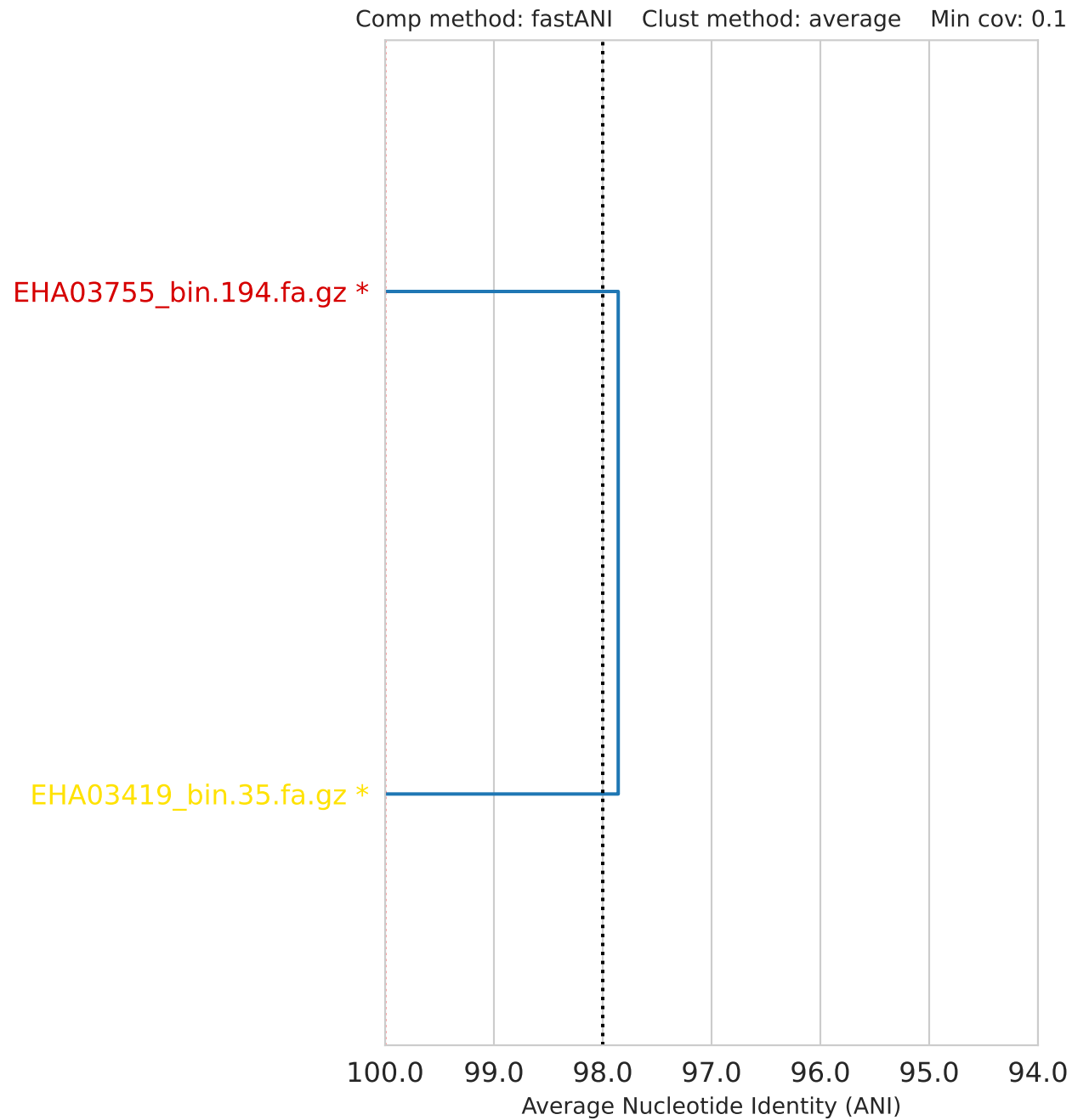
# Primary cluster 258



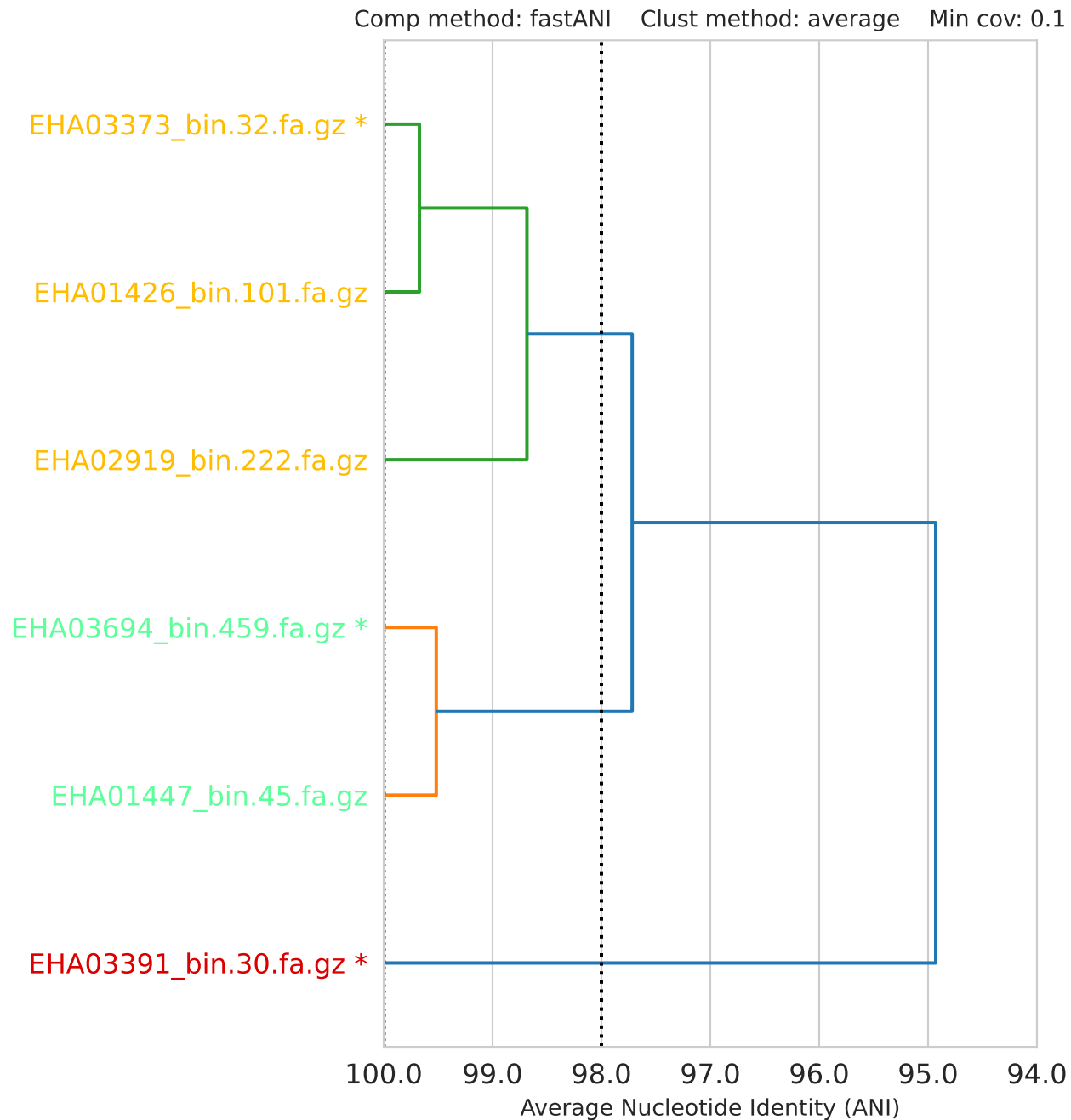
# Primary cluster 259



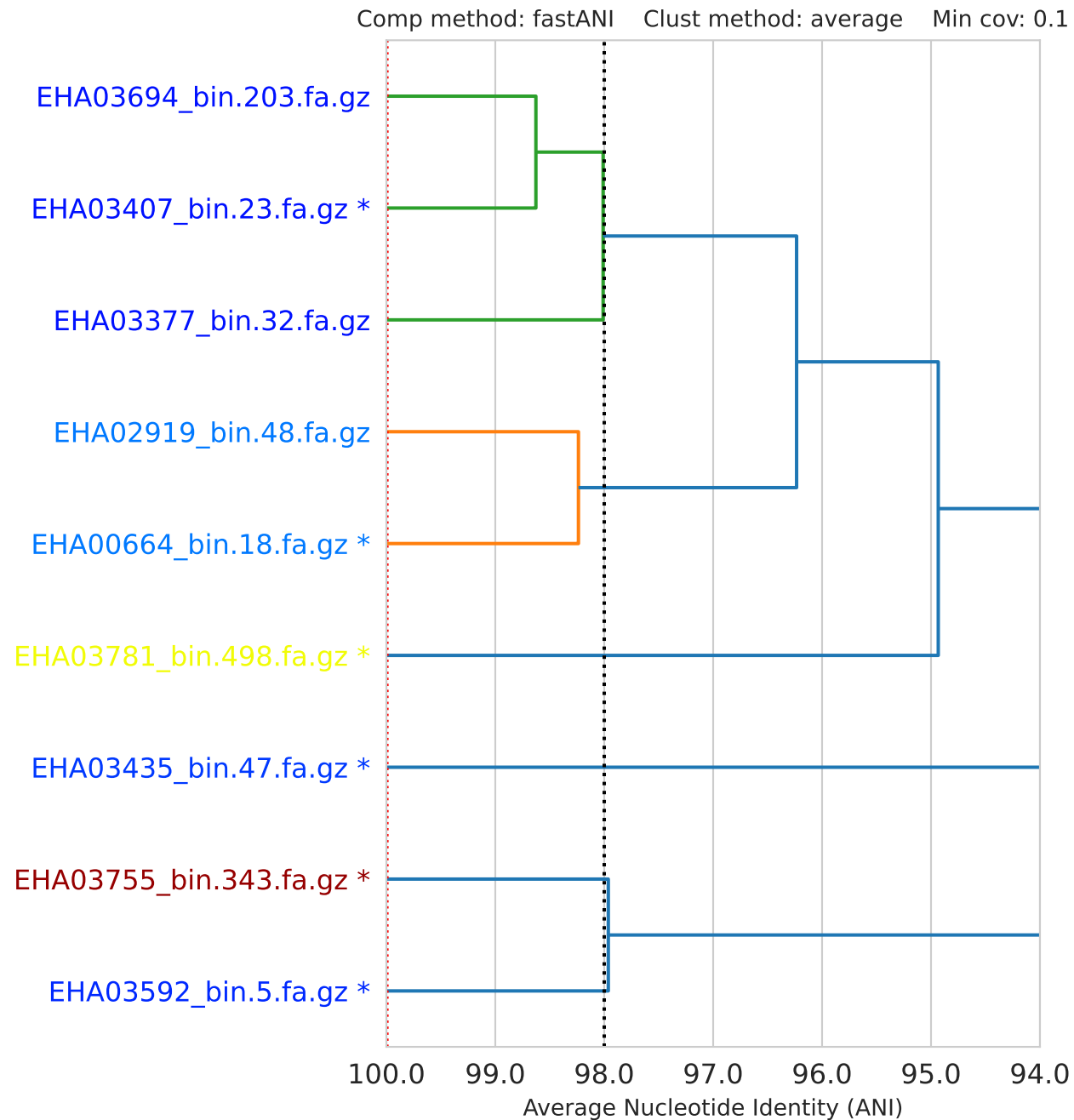
# Primary cluster 261



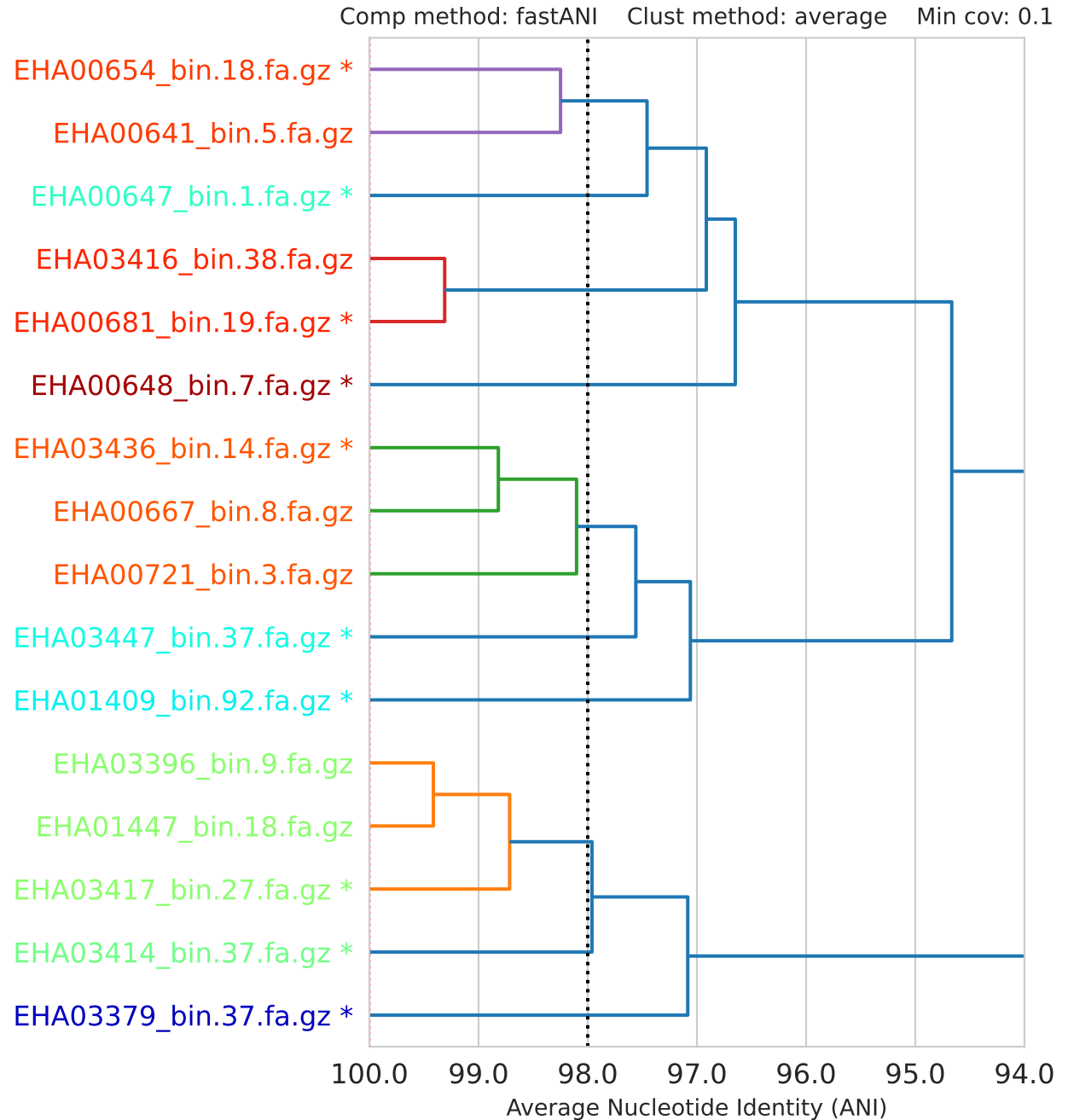
# Primary cluster 262



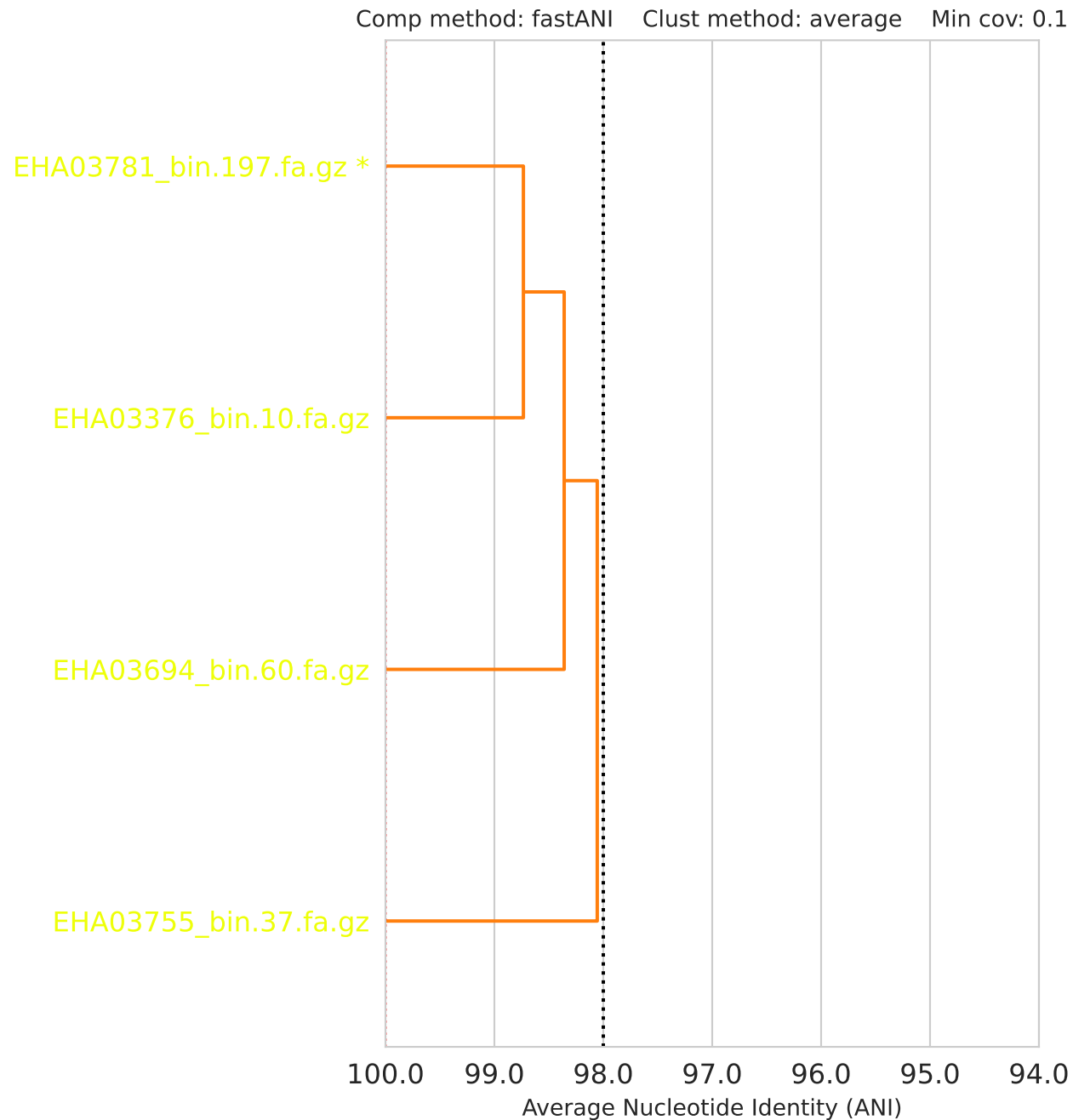
# Primary cluster 263



# Primary cluster 264

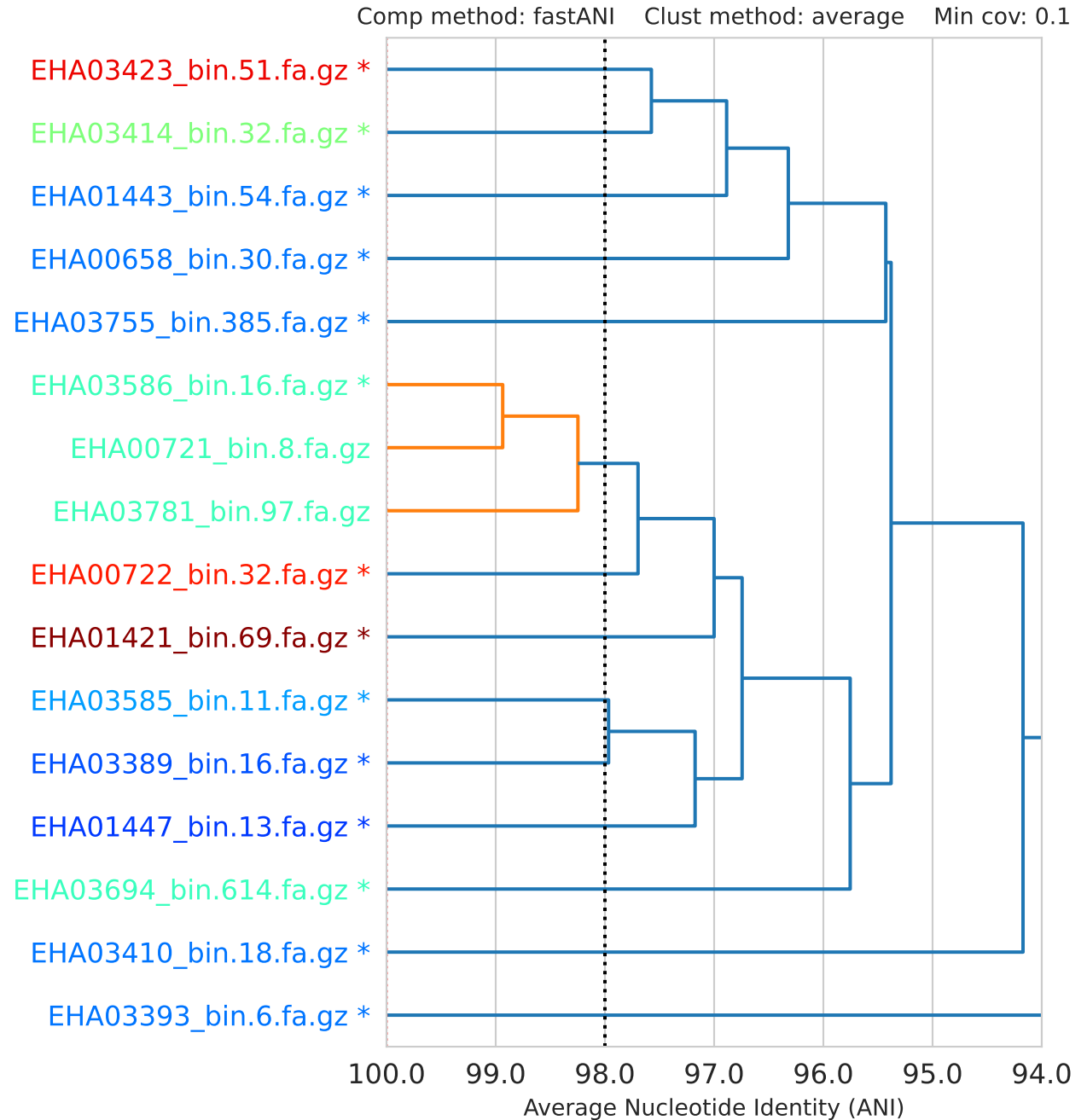


# Primary cluster 266

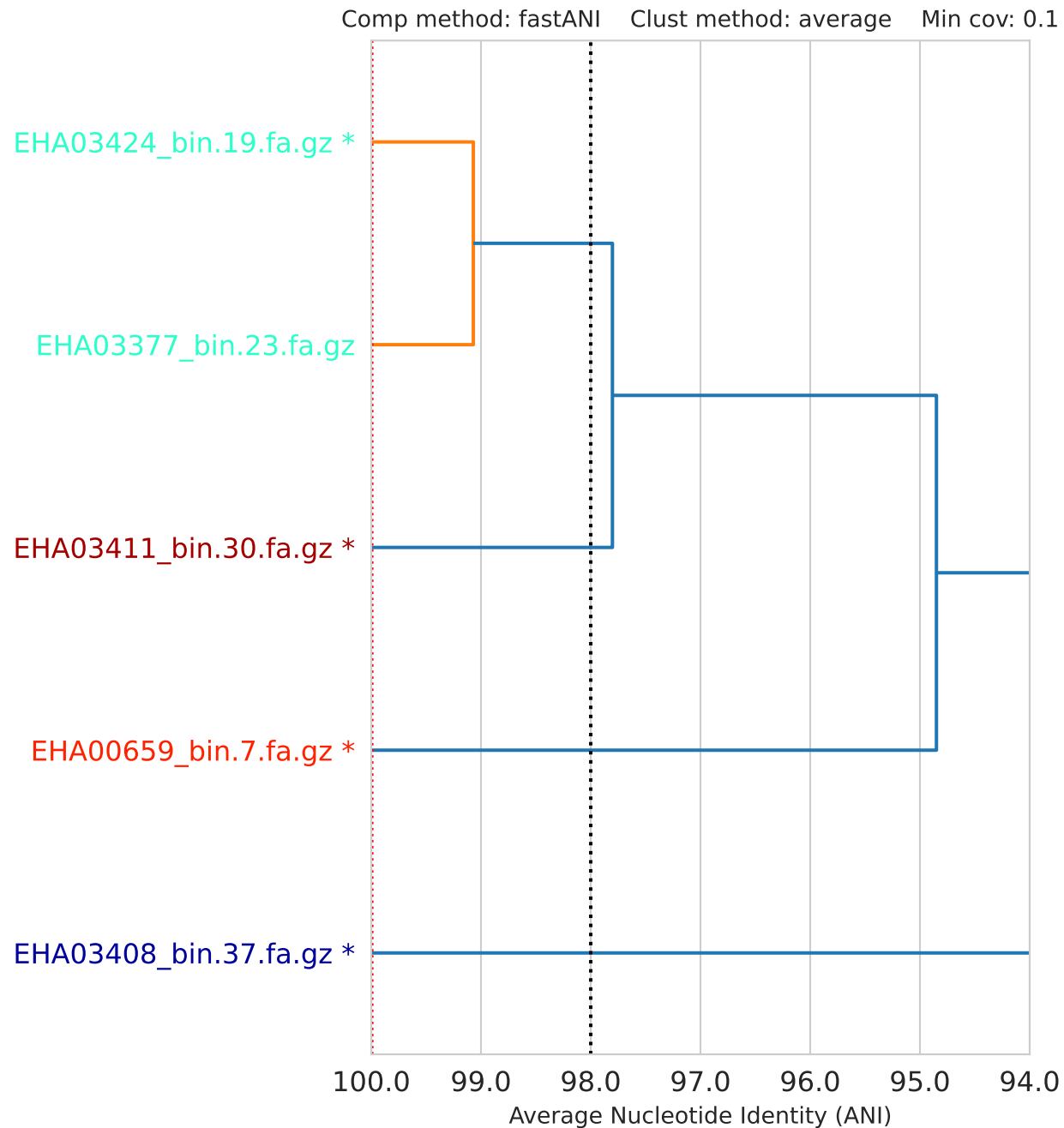




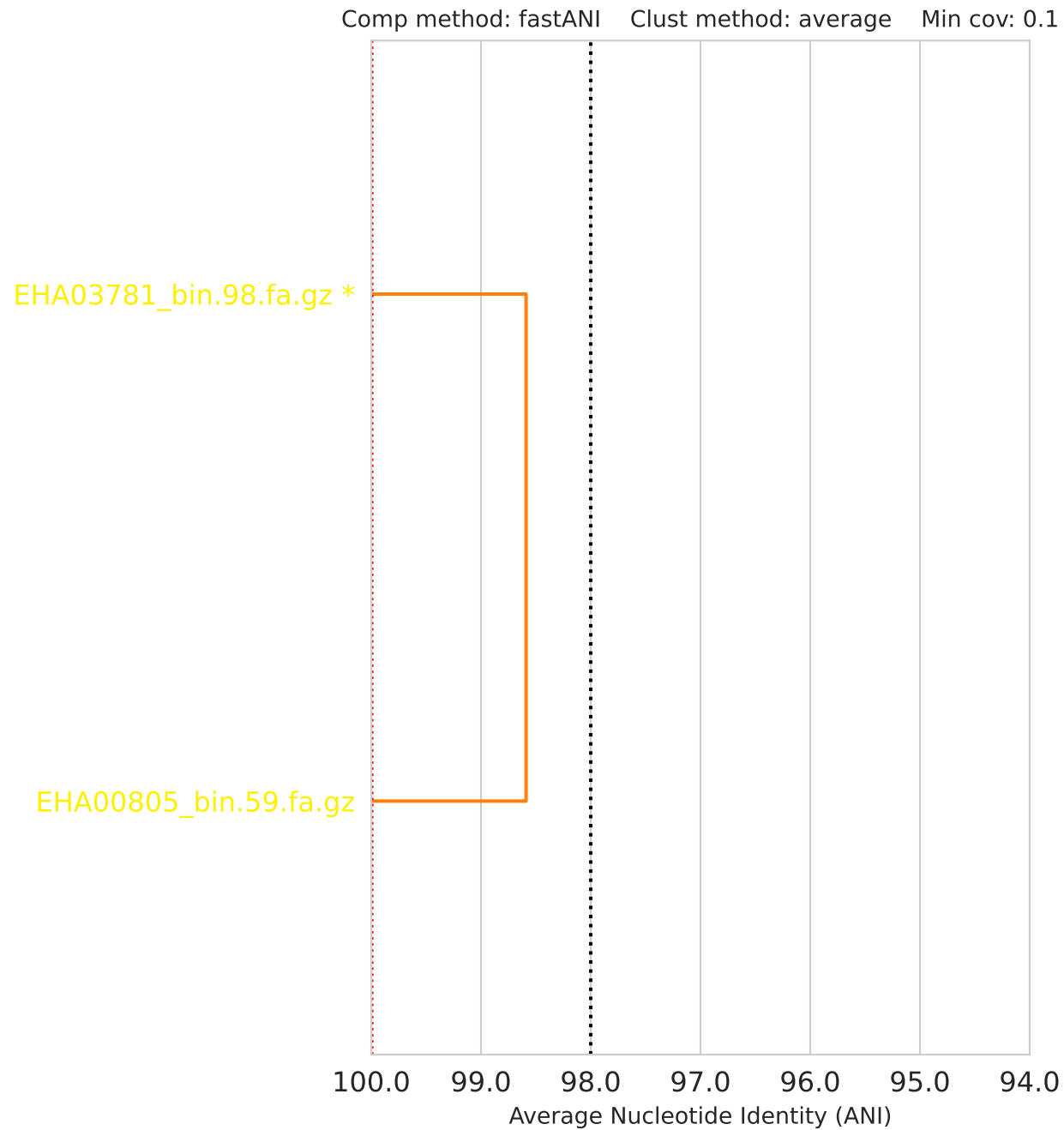
# Primary cluster 267



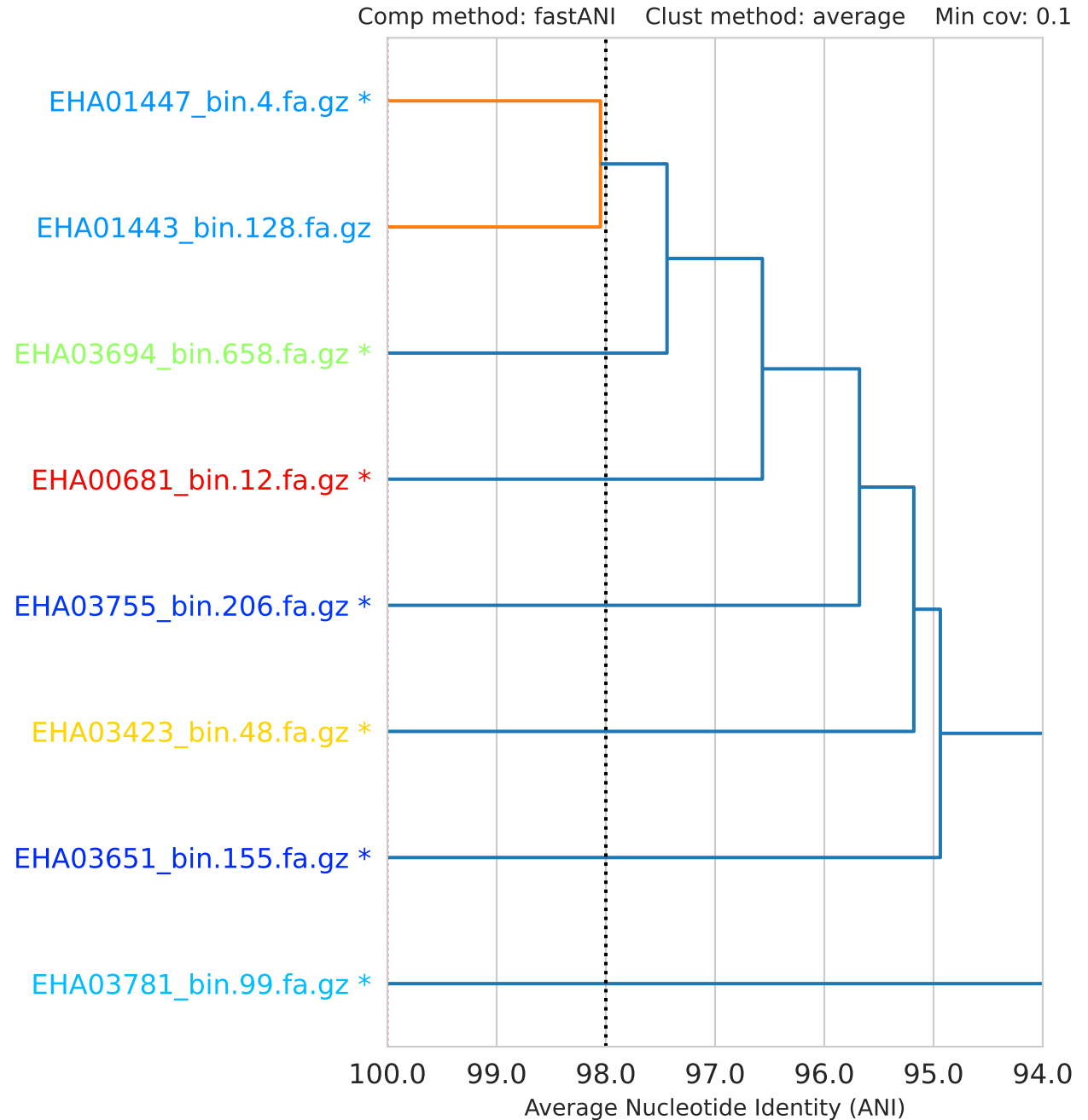
# Primary cluster 268



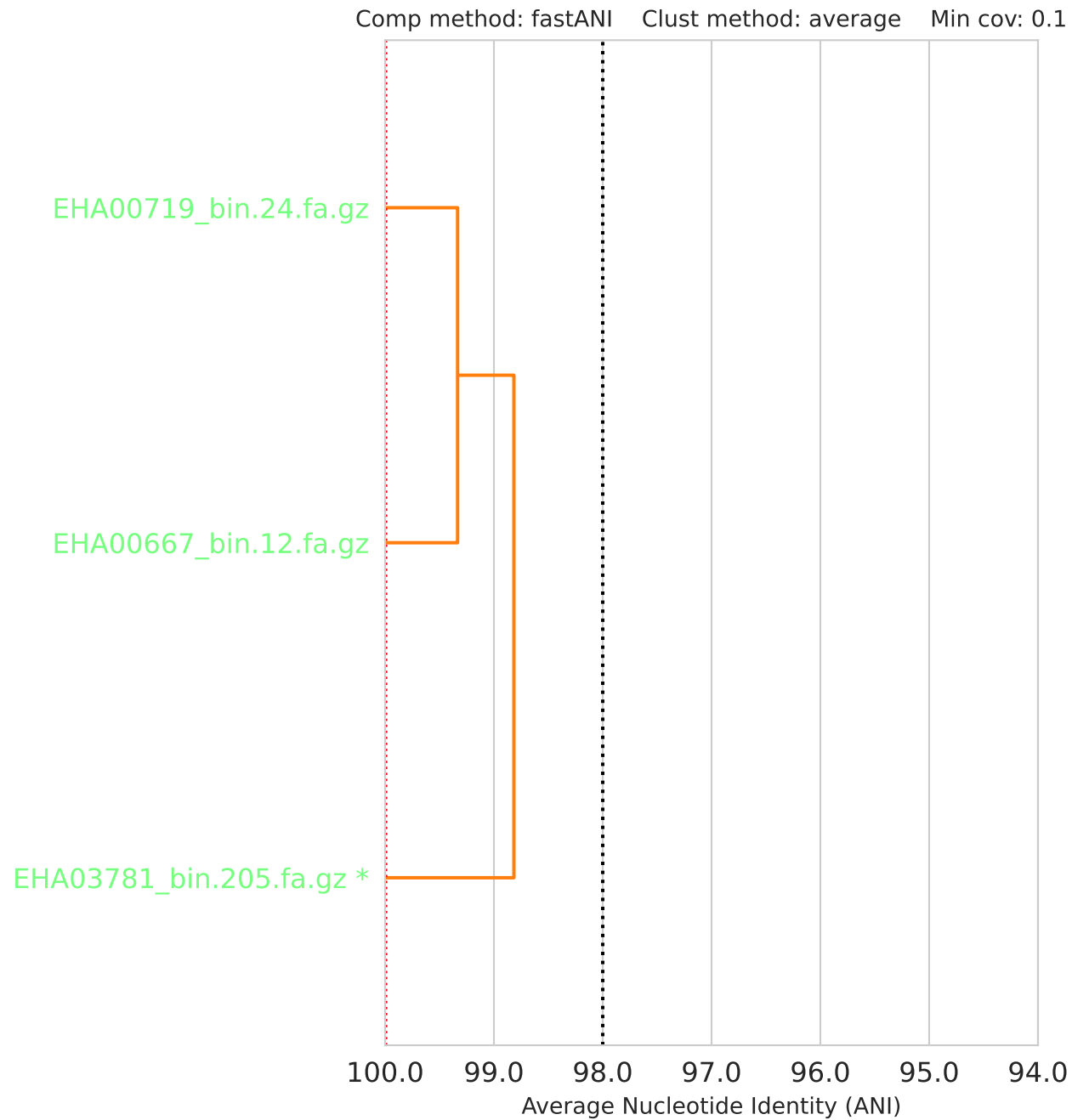
# Primary cluster 269



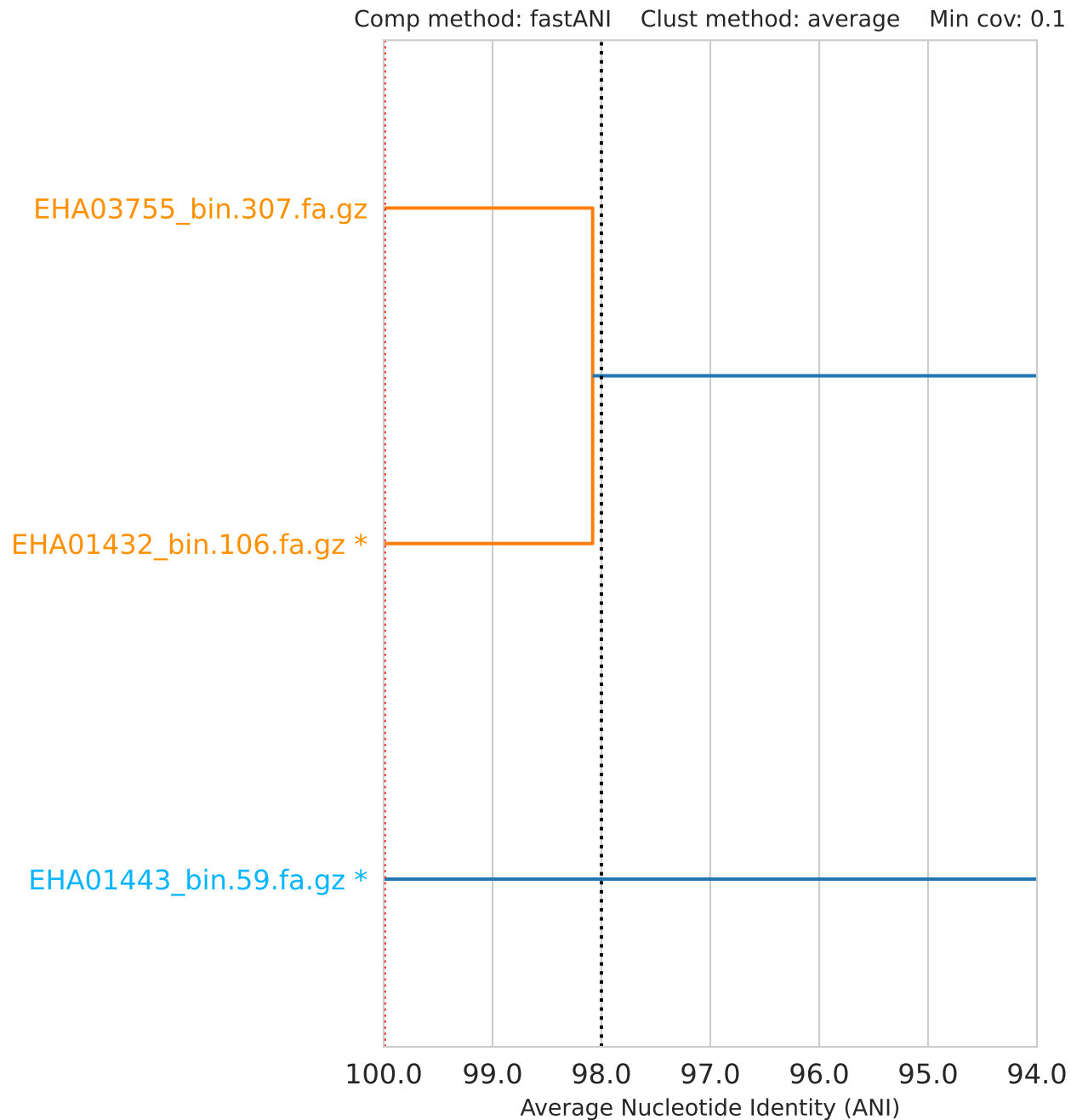
# Primary cluster 270



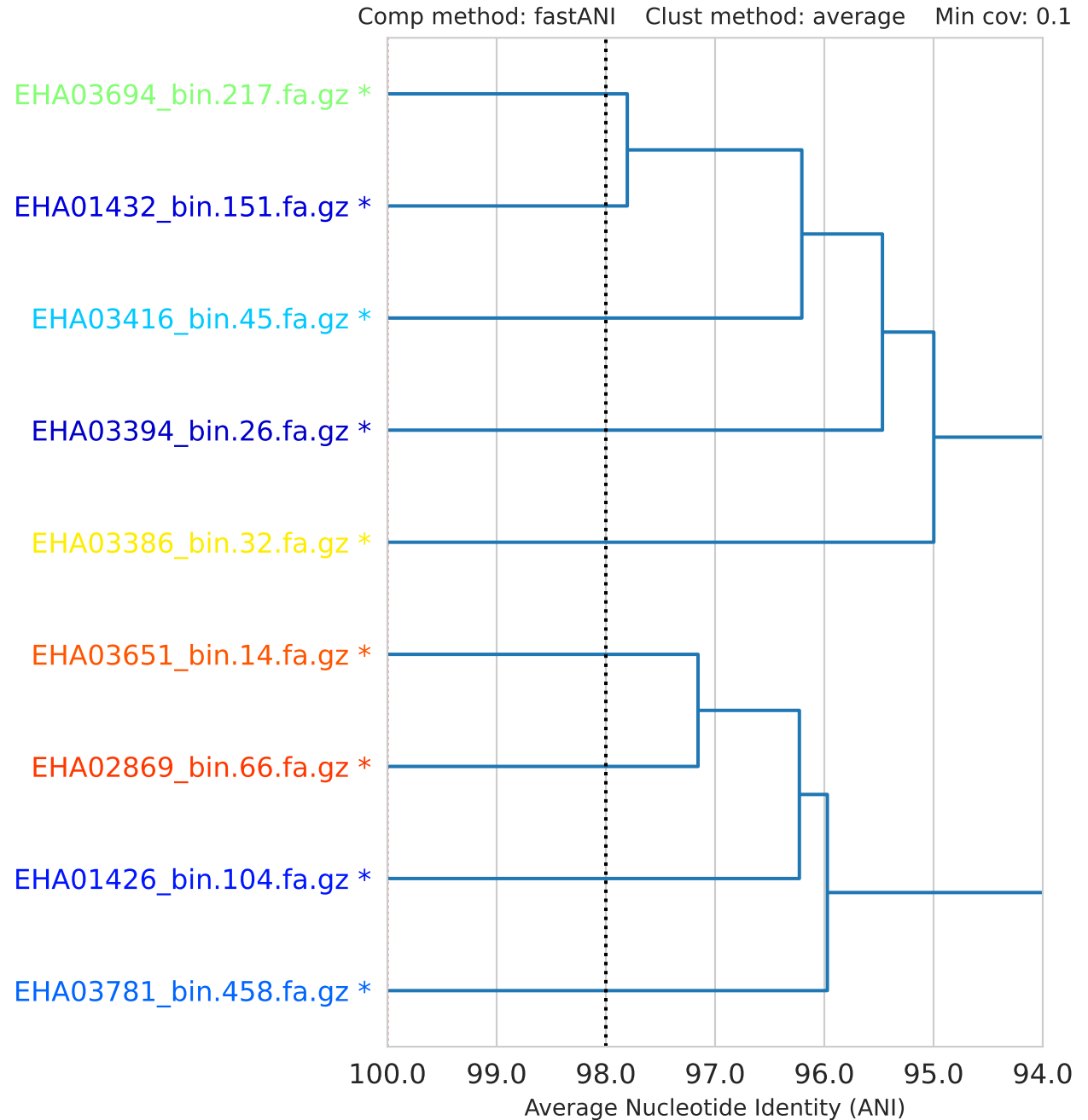
# Primary cluster 271



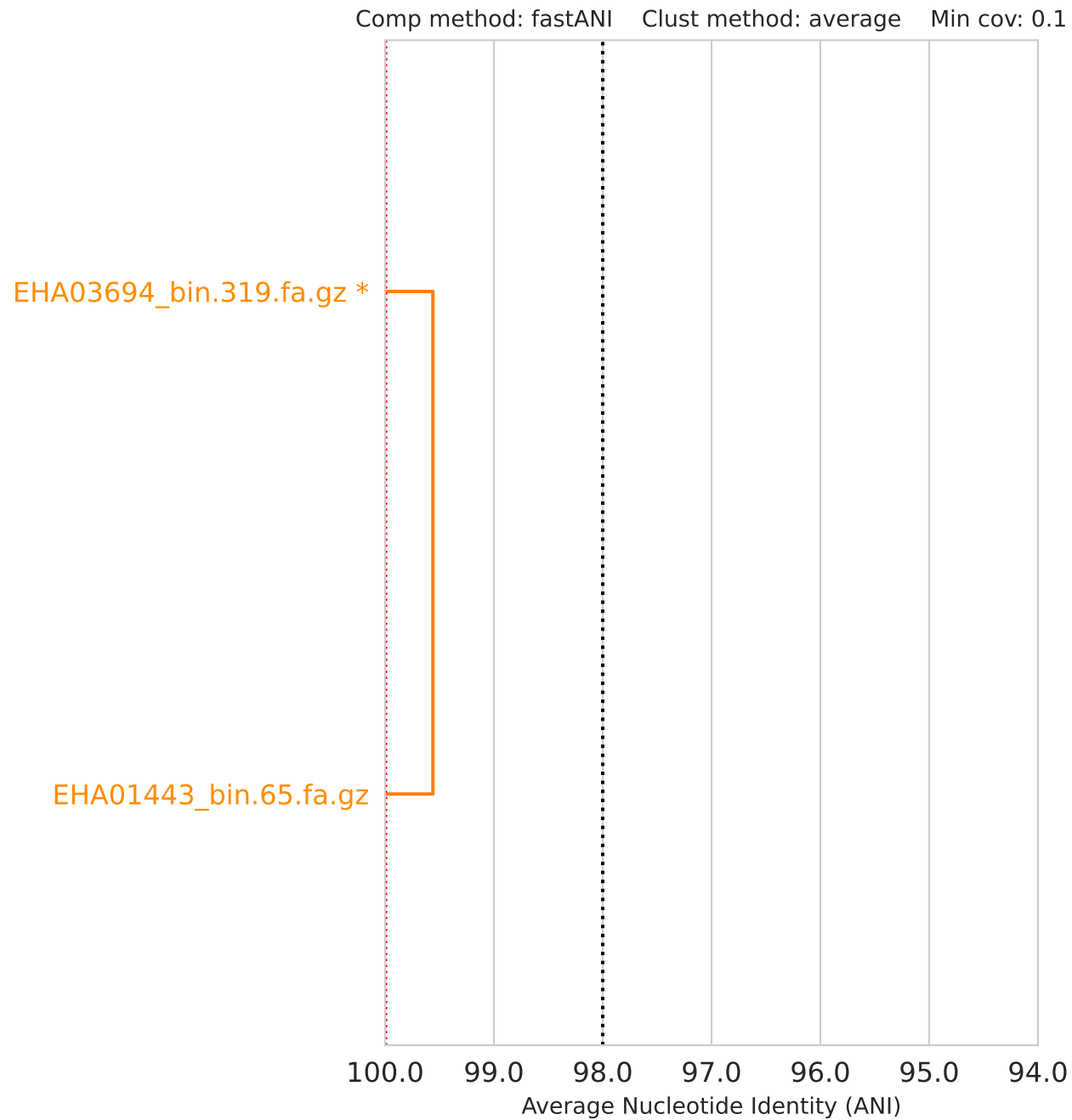
# Primary cluster 273



# Primary cluster 274

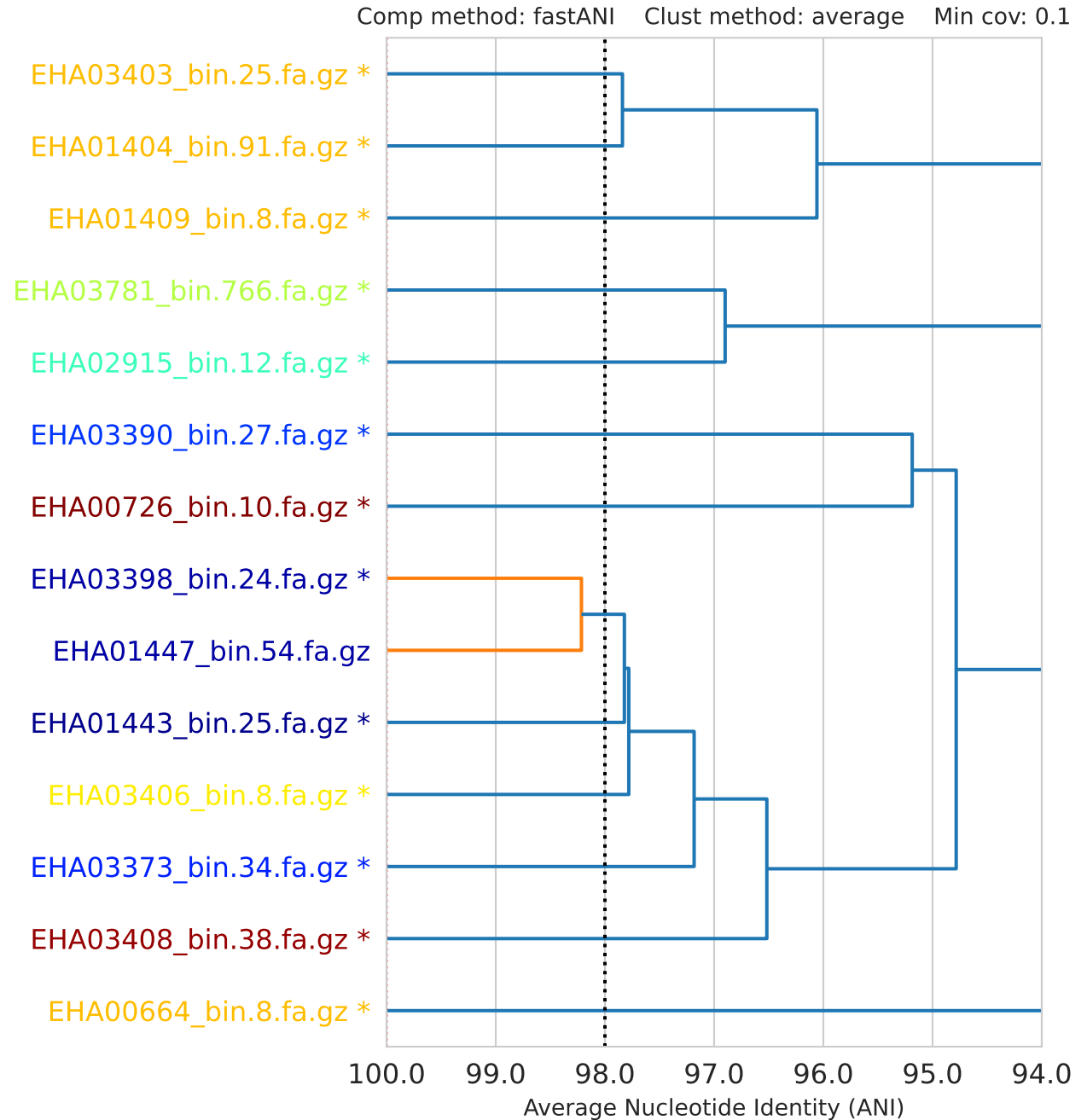


# Primary cluster 275

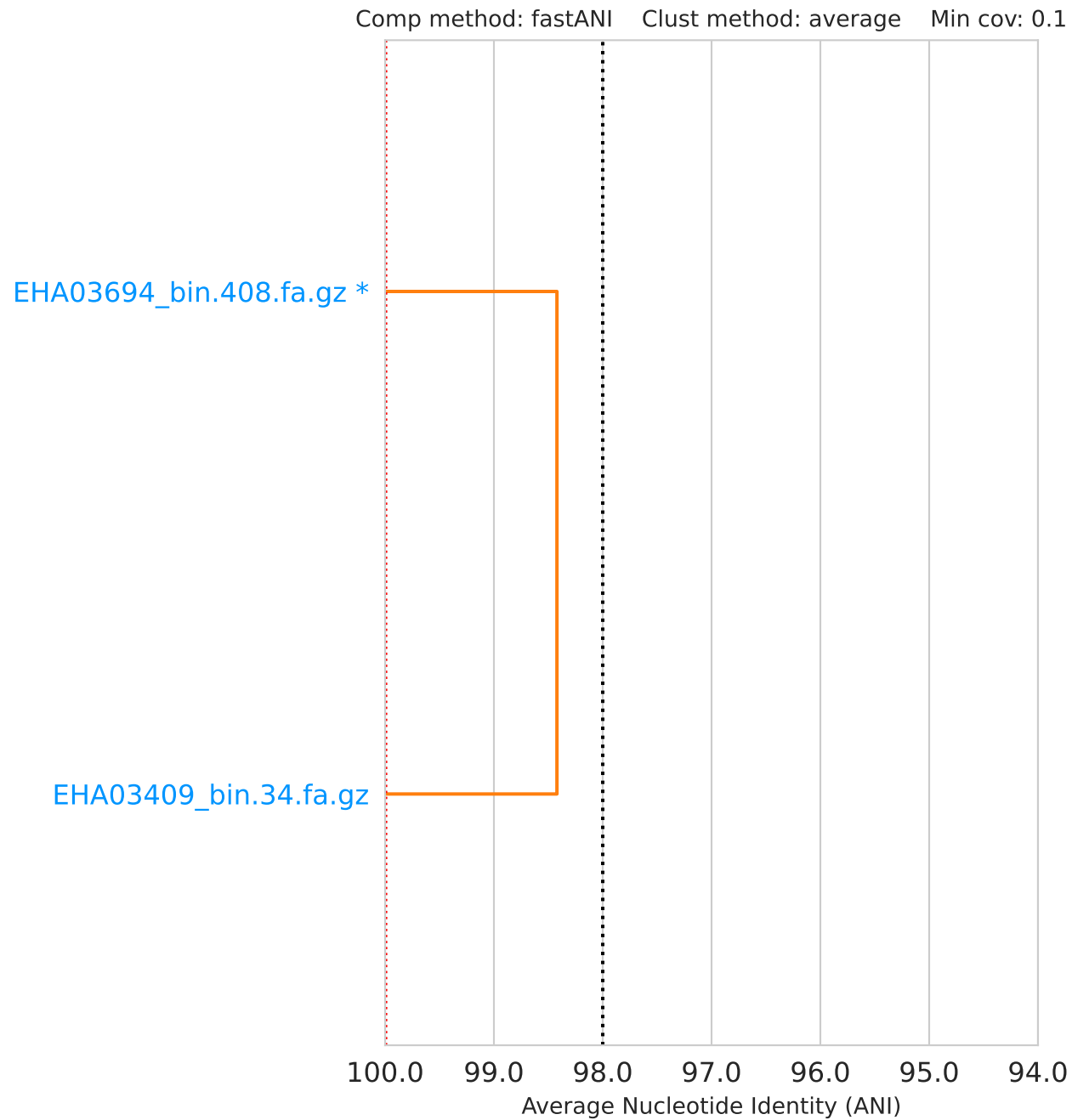




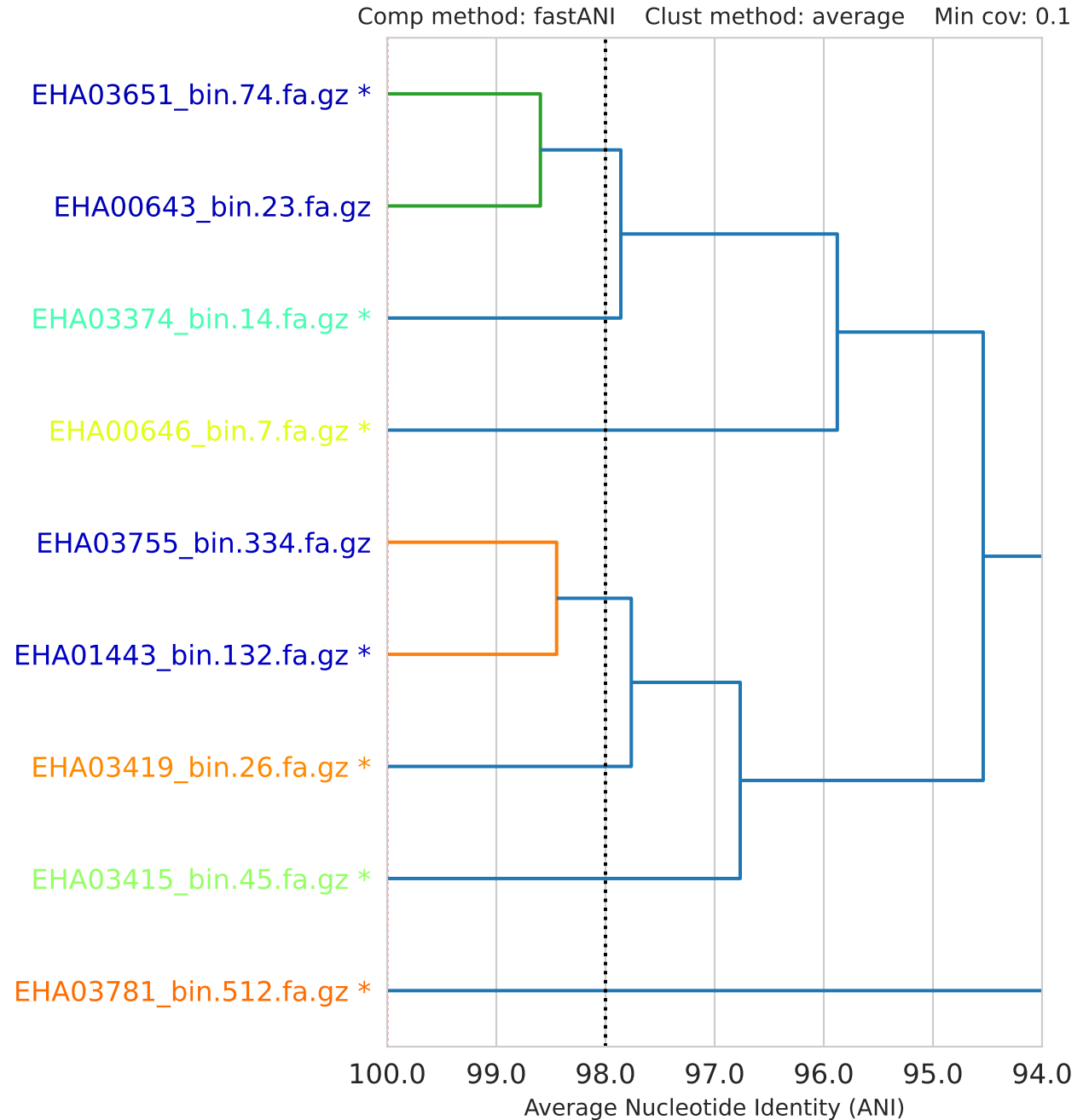
# Primary cluster 276



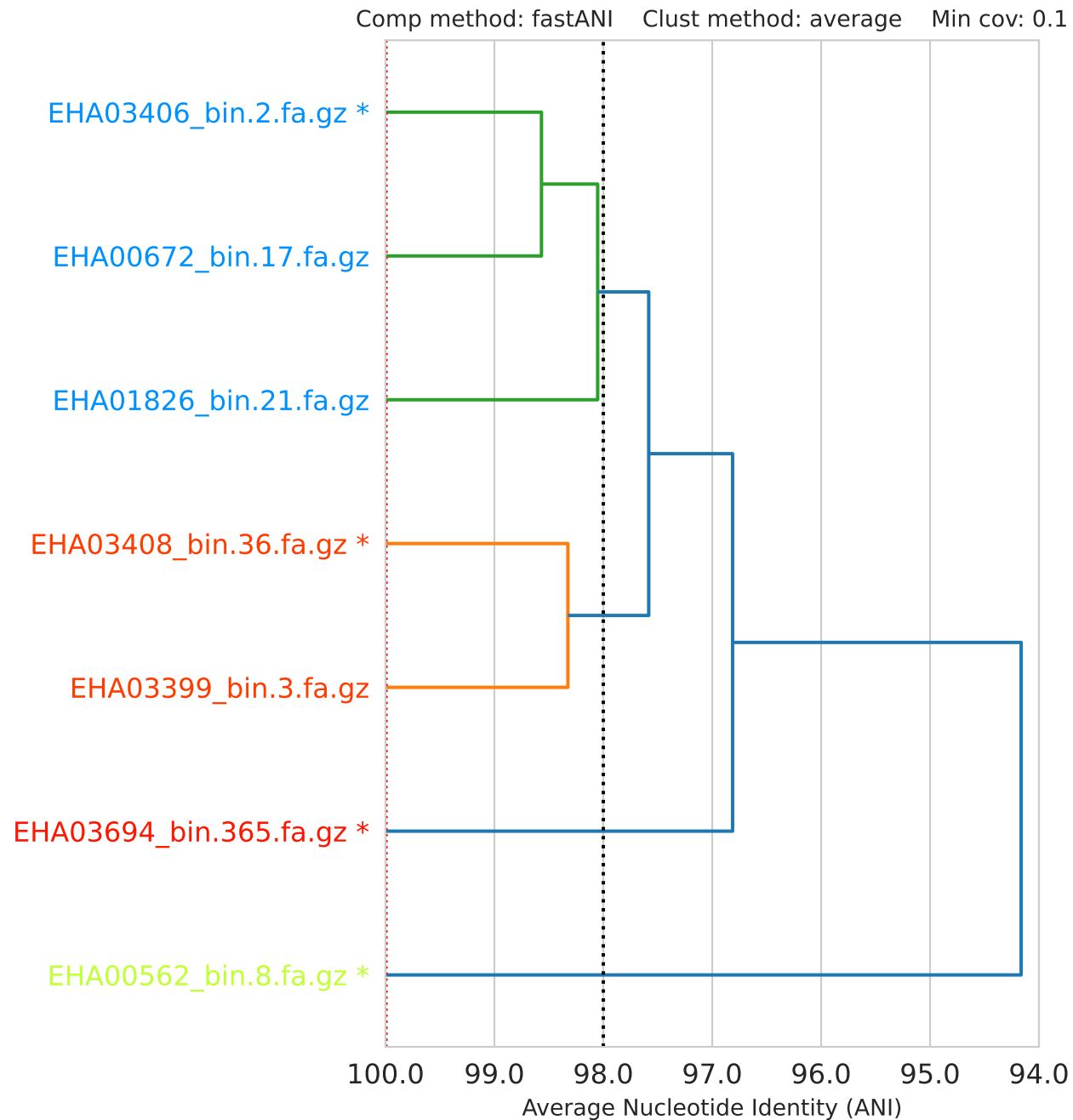
# Primary cluster 278



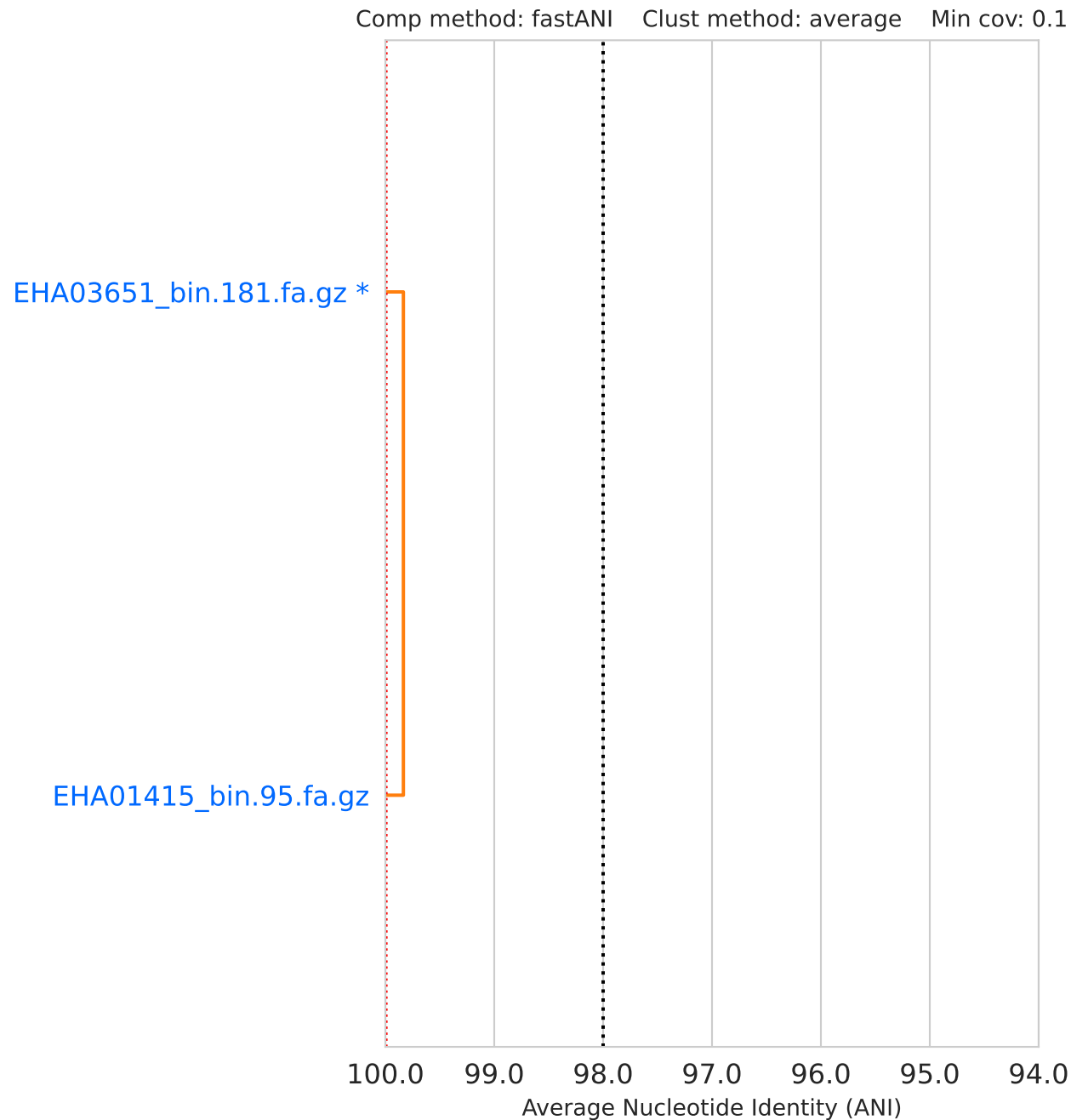
# Primary cluster 279



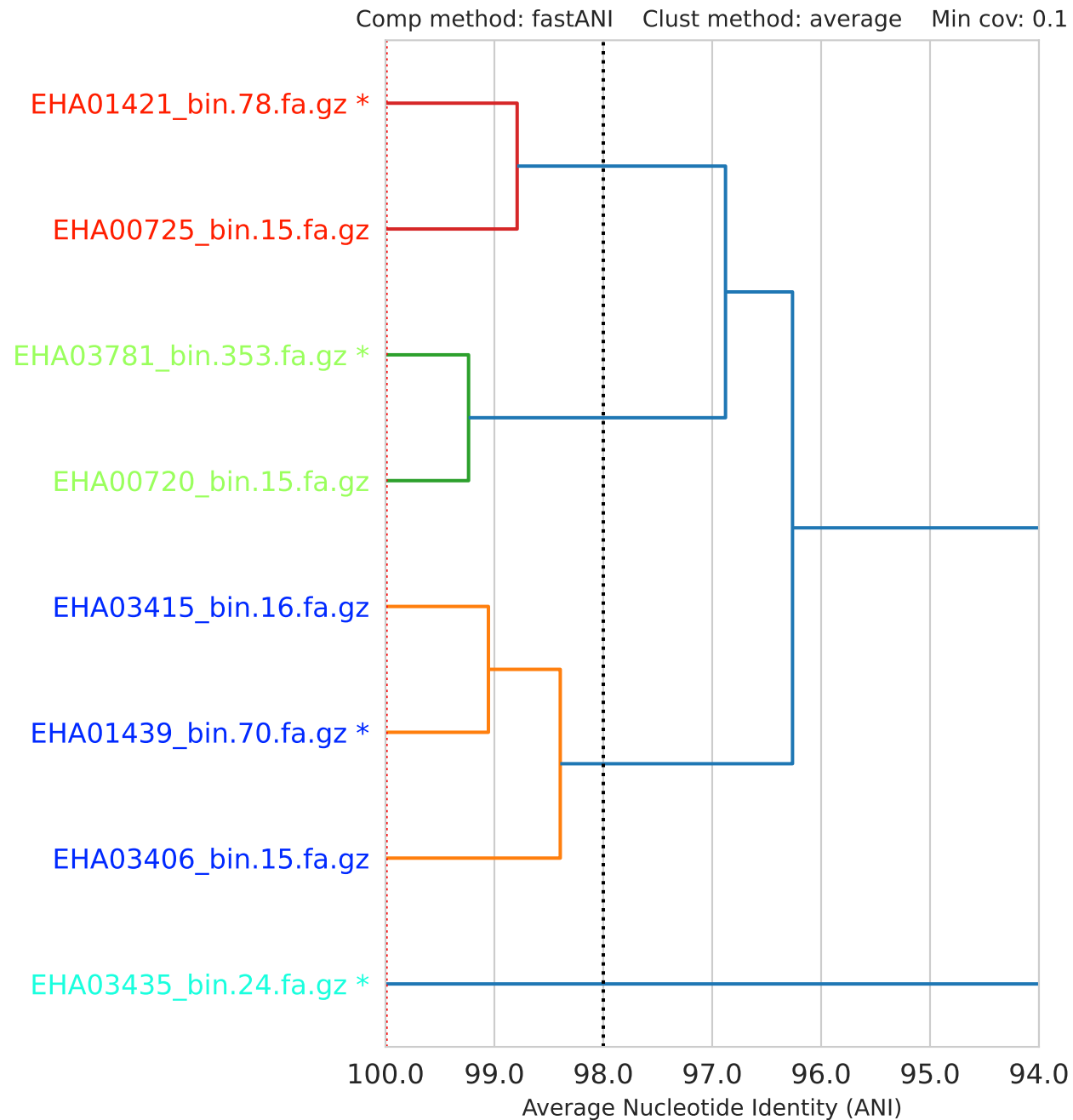
# Primary cluster 281



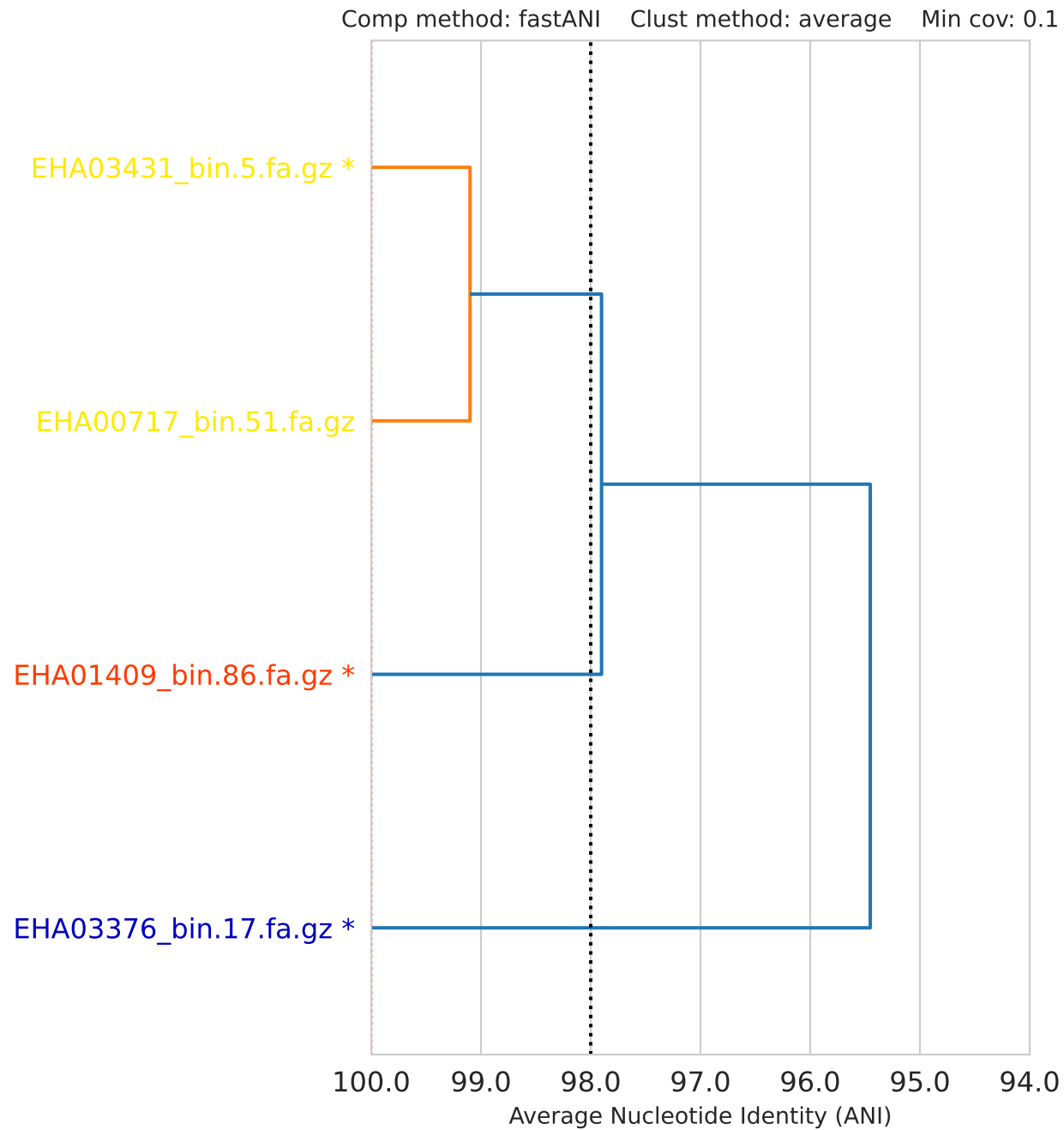
# Primary cluster 286



# Primary cluster 288



# Primary cluster 291



# Primary cluster 292

Comp method: fastANI

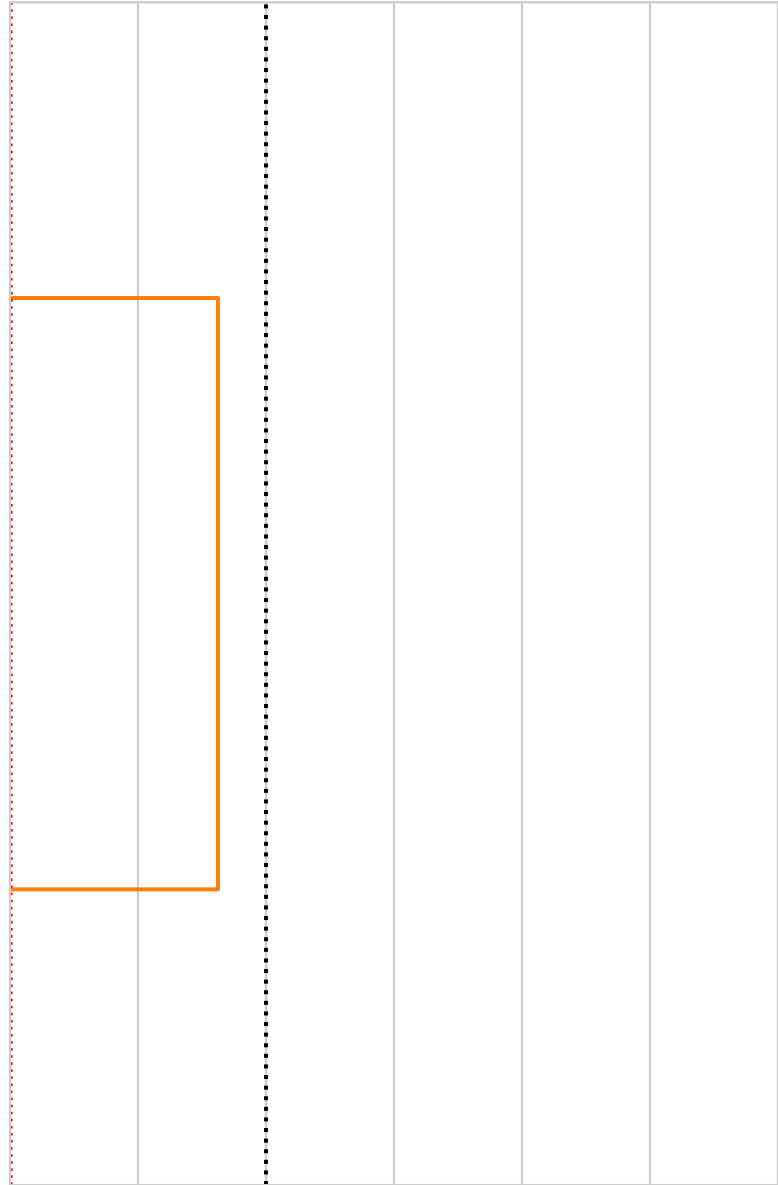
Clust method: average

Min cov: 0.1

EHA03781\_bin.69.fa.gz \*

EHA02919\_bin.146.fa.gz

100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)





# Primary cluster 295

Comp method: fastANI

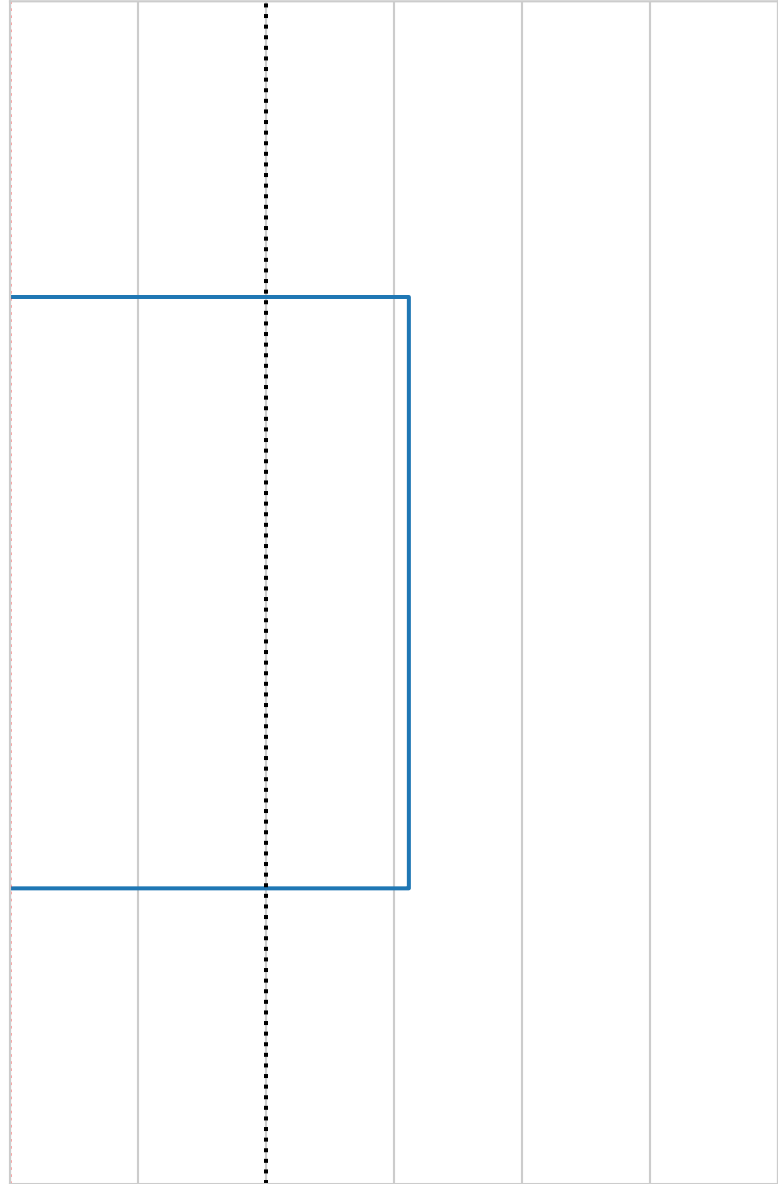
Clust method: average

Min cov: 0.1

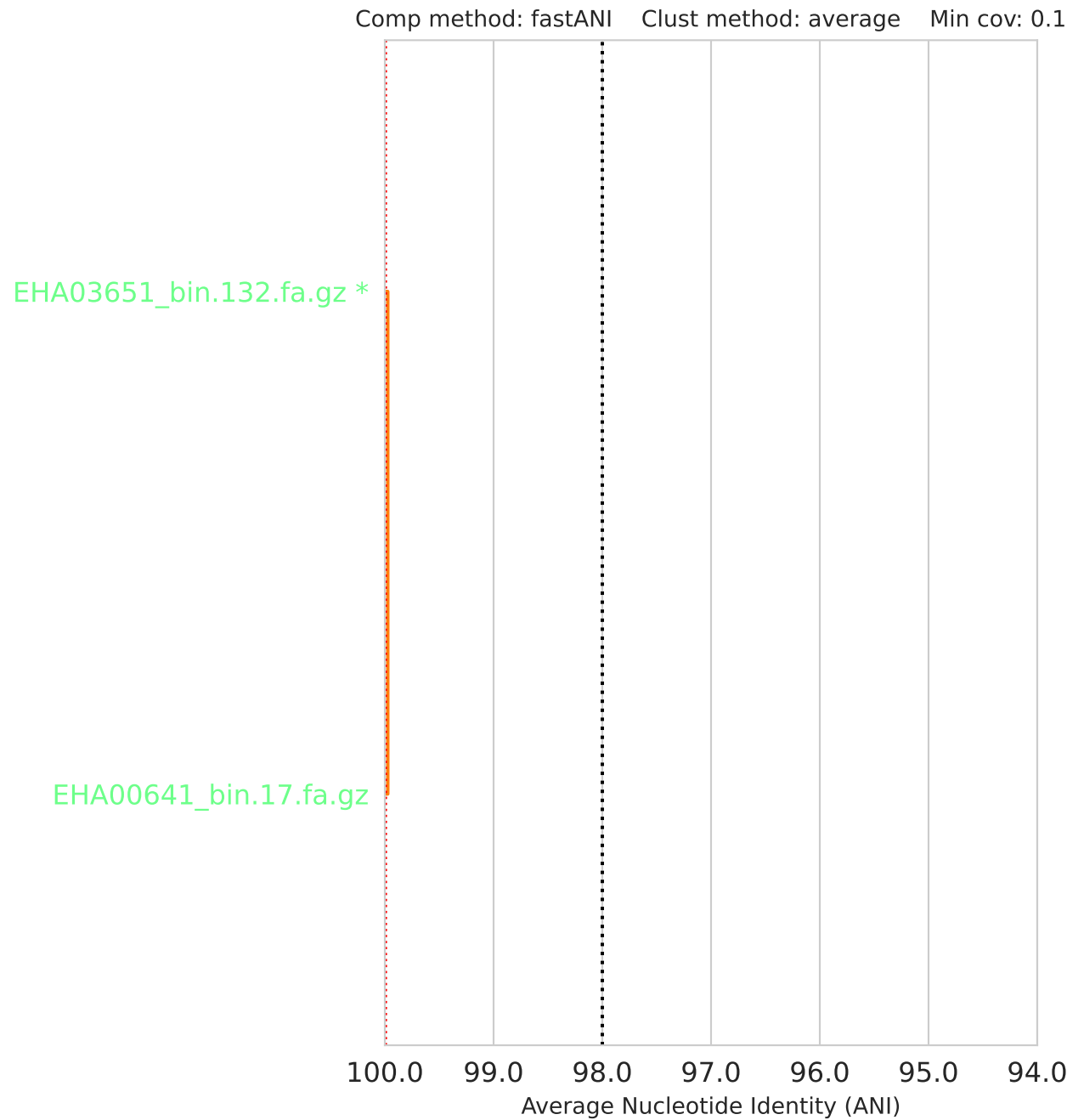
EHA03694\_bin.297.fa.gz \*

EHA03651\_bin.62.fa.gz \*

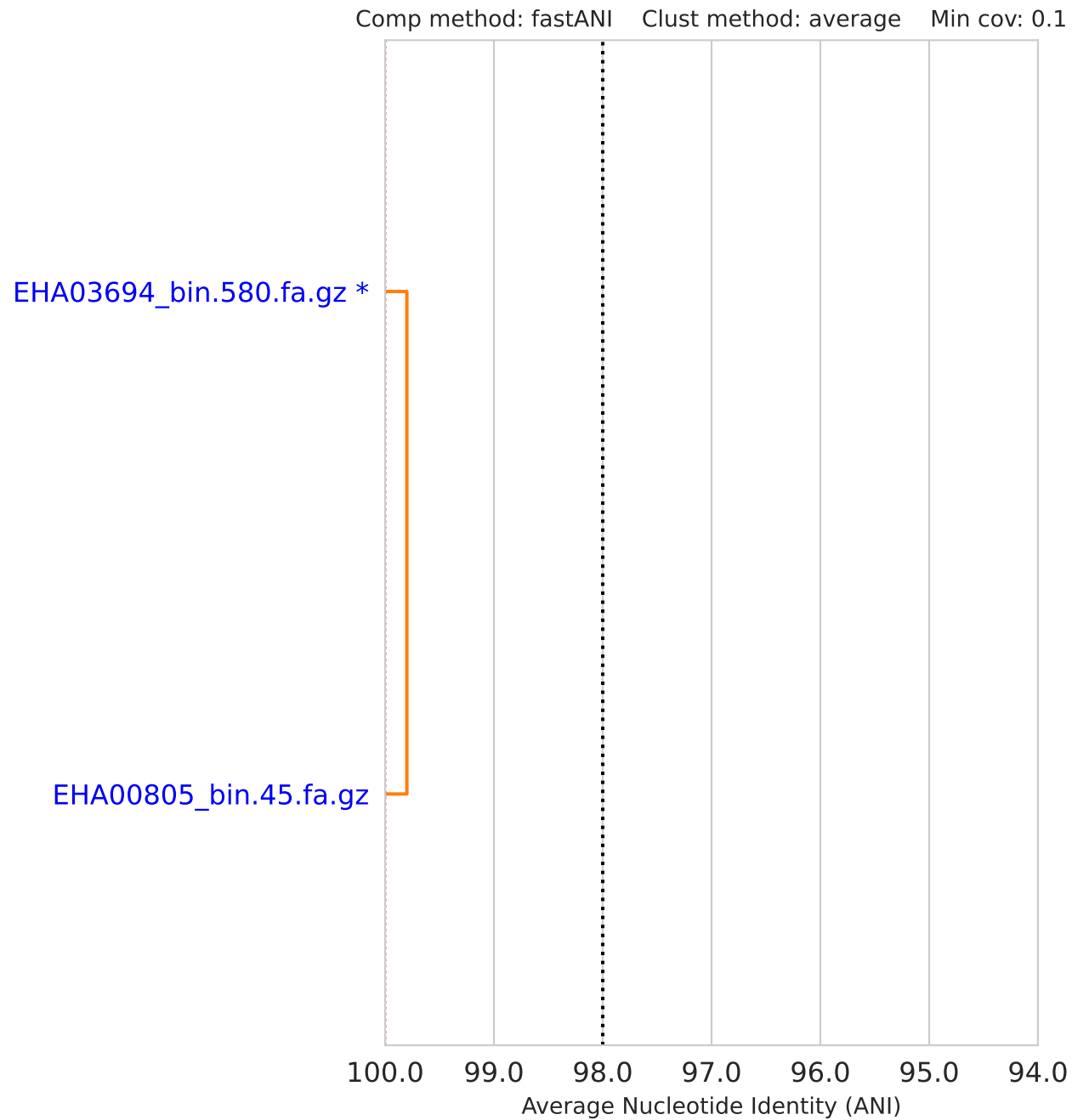
100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



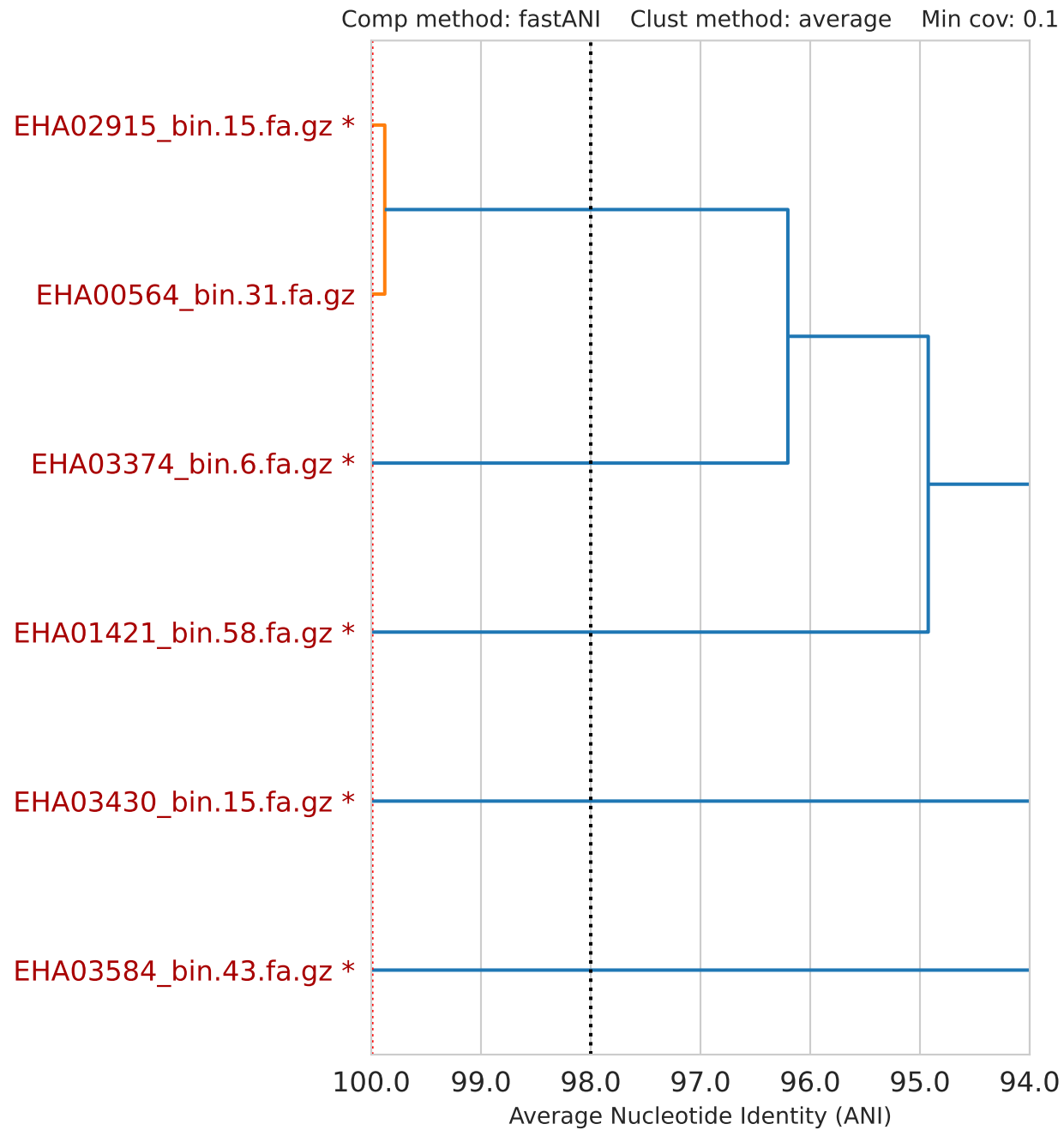
# Primary cluster 301



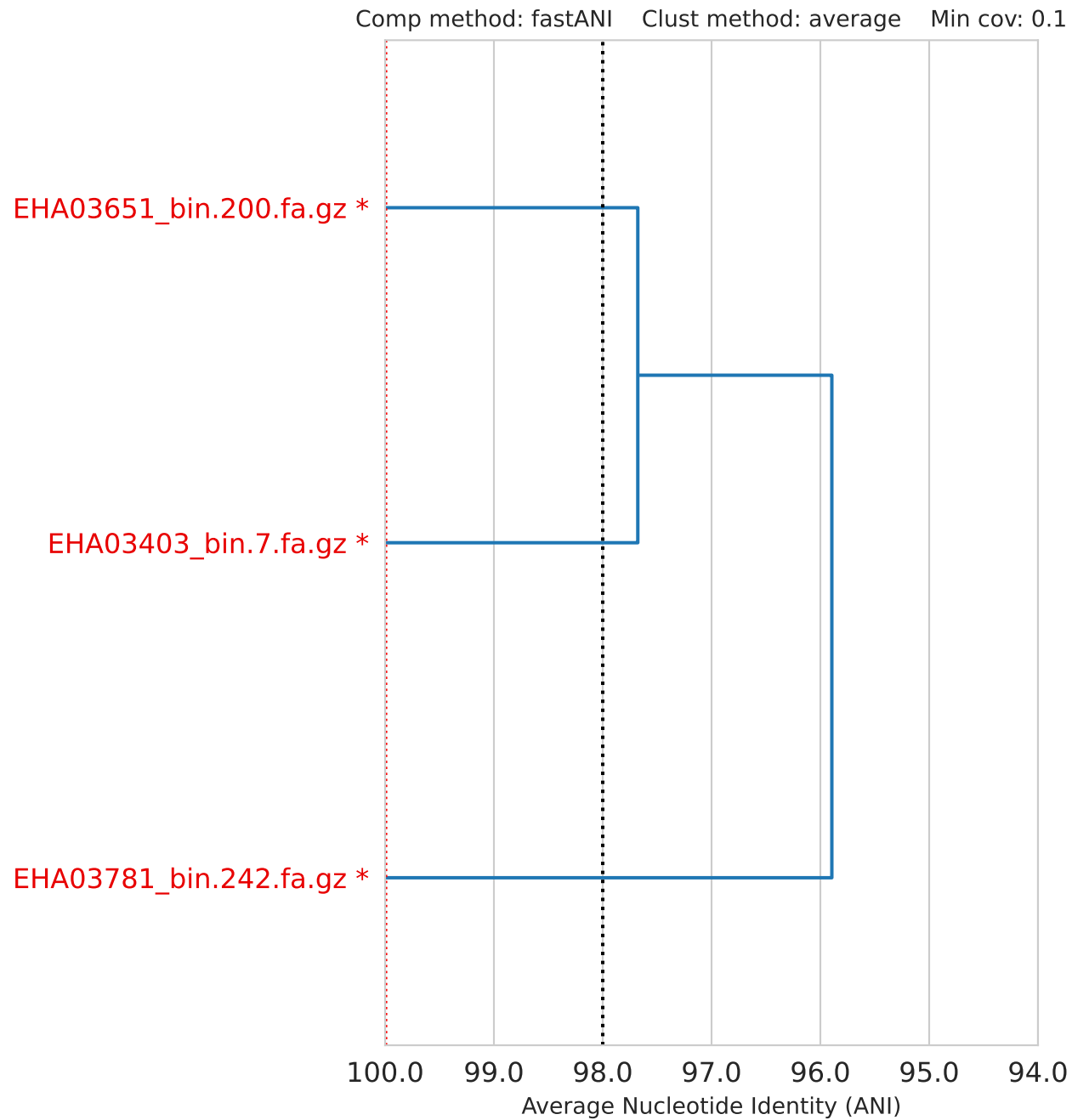
# Primary cluster 304



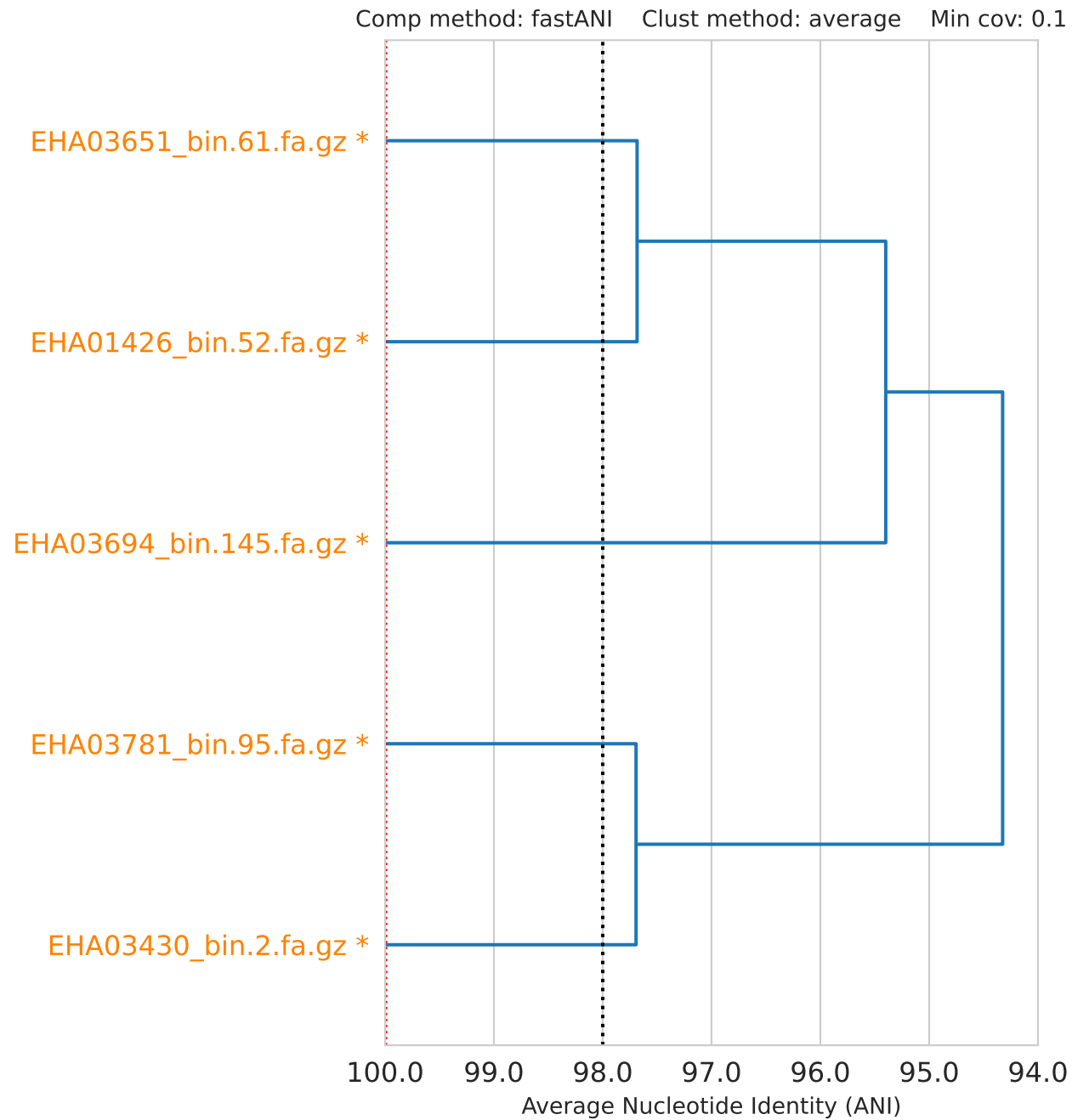
# Primary cluster 311



# Primary cluster 312



# Primary cluster 317



# Primary cluster 319

Comp method: fastANI

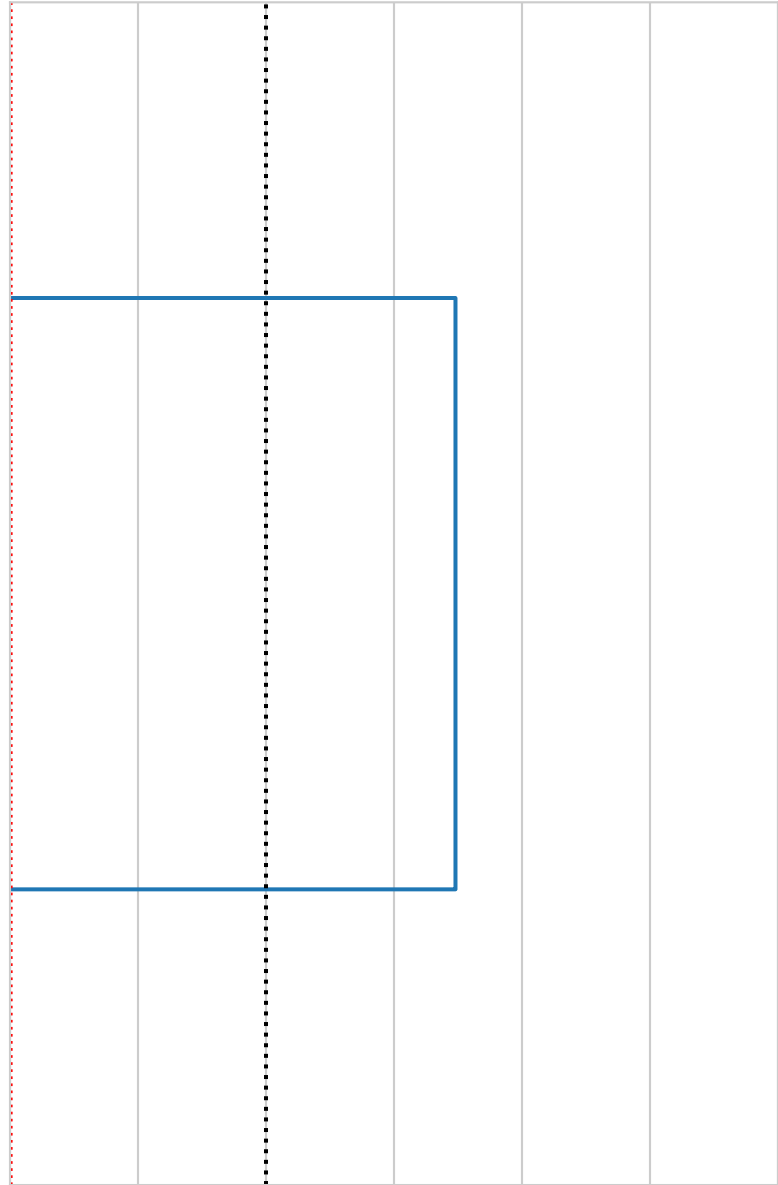
Clust method: average

Min cov: 0.1

EHA02919\_bin.131.fa.gz \*

EHA00805\_bin.23.fa.gz \*

100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



# Primary cluster 320

Comp method: fastANI

Clust method: average

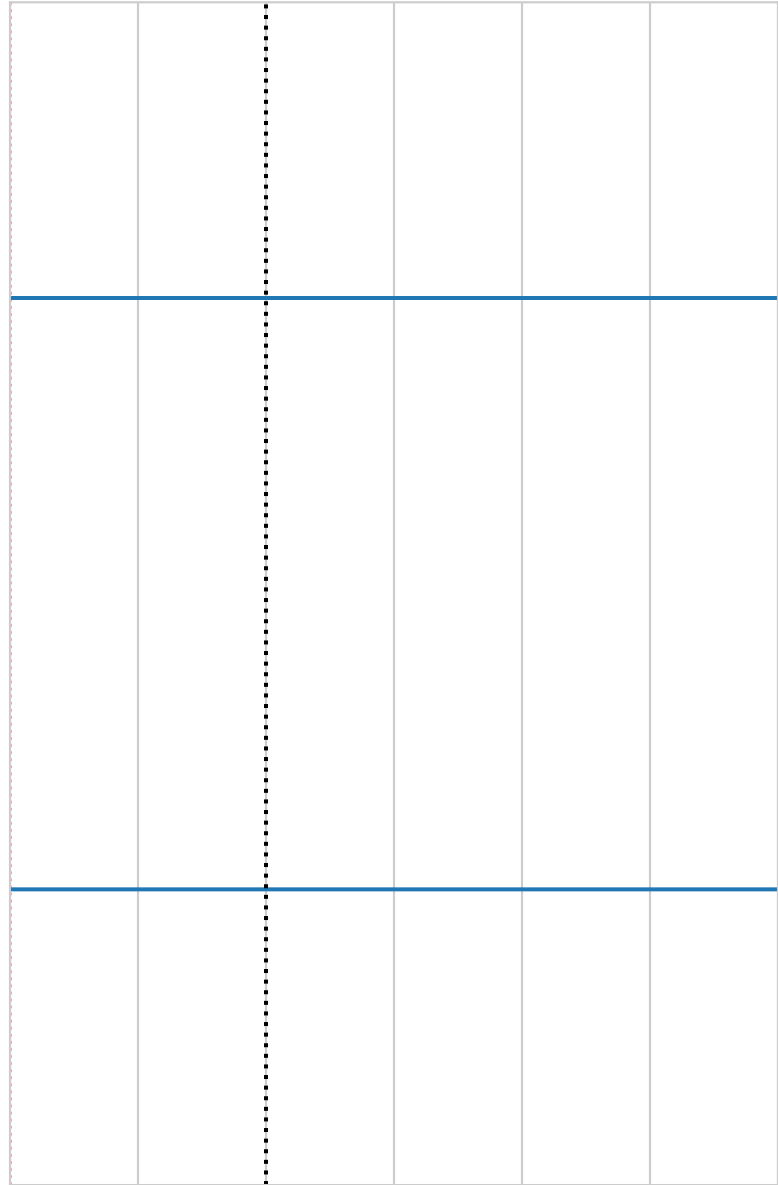
Min cov: 0.1

EHA03781\_bin.711.fa.gz \*

EHA03443\_bin.1.fa.gz \*

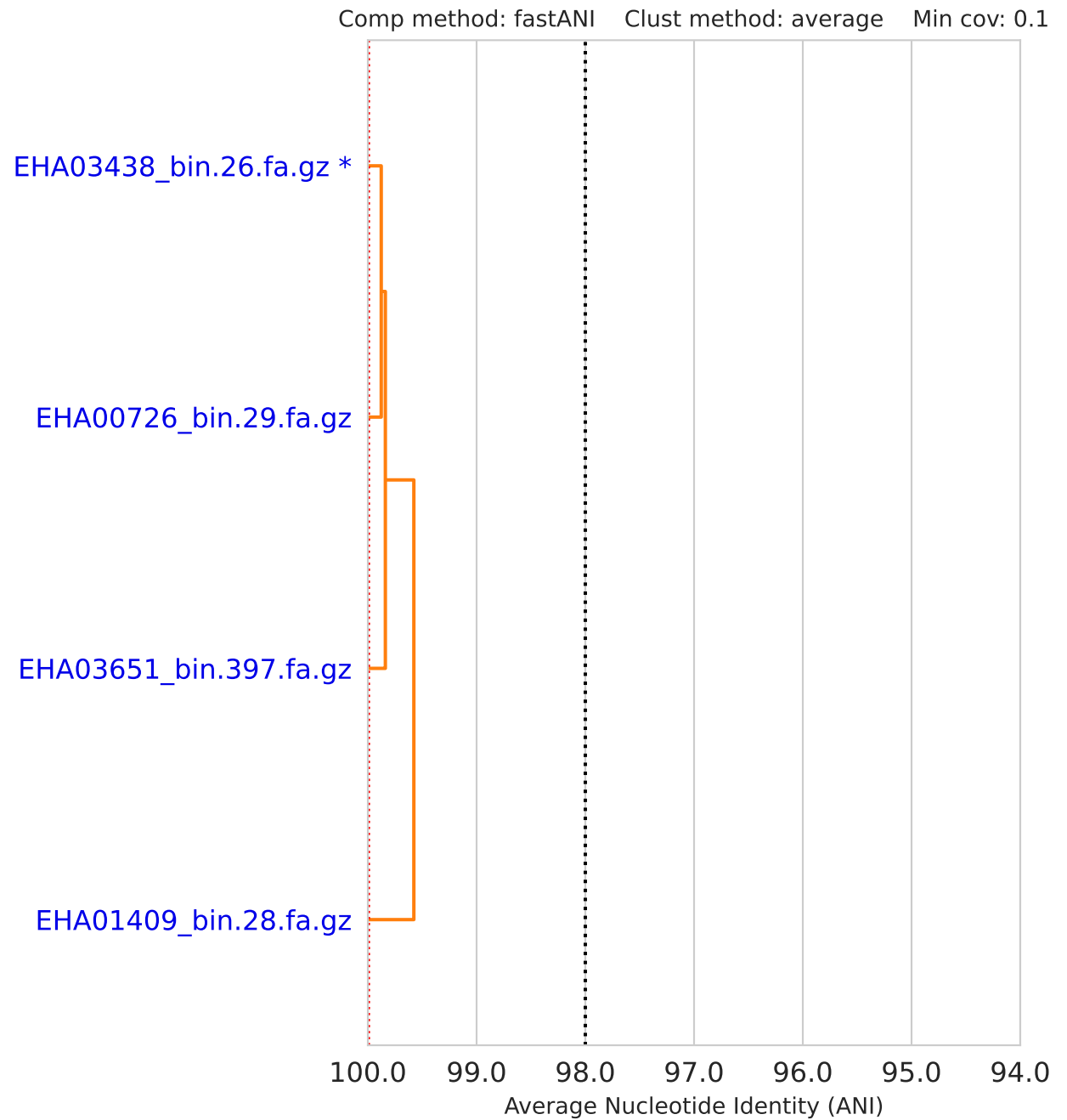
100.0 99.0 98.0 97.0 96.0 95.0 94.0

Average Nucleotide Identity (ANI)

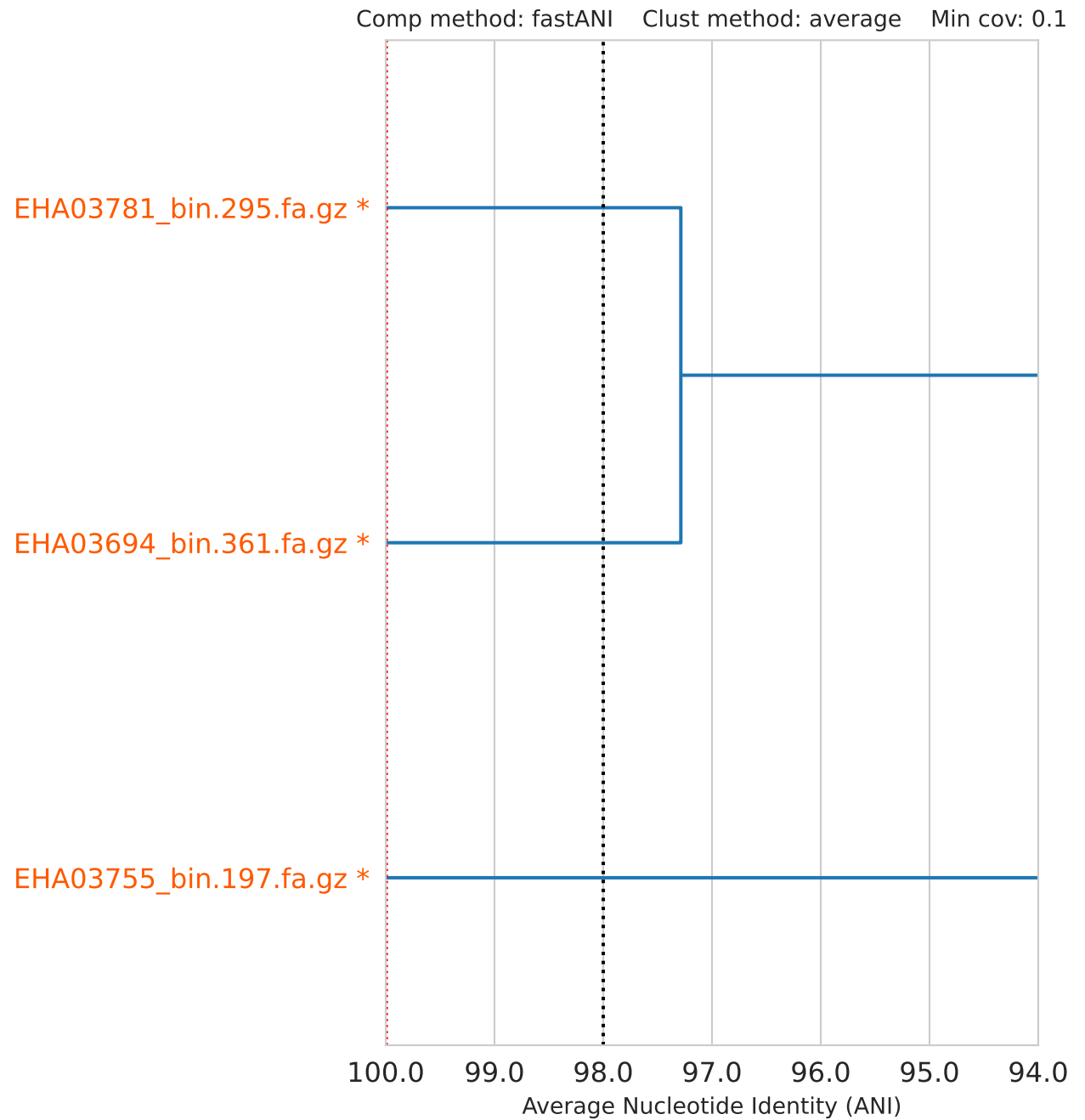




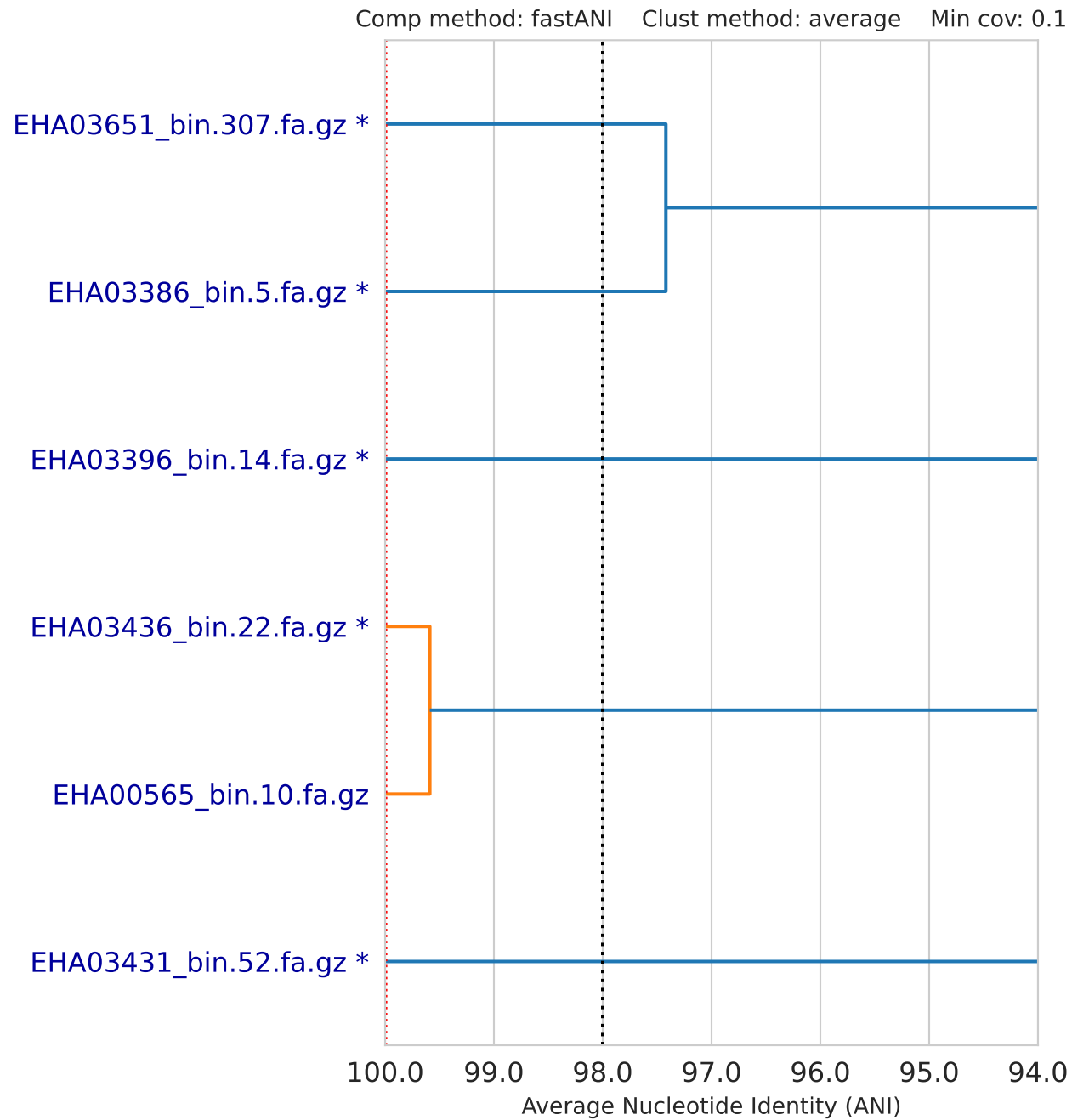
# Primary cluster 321



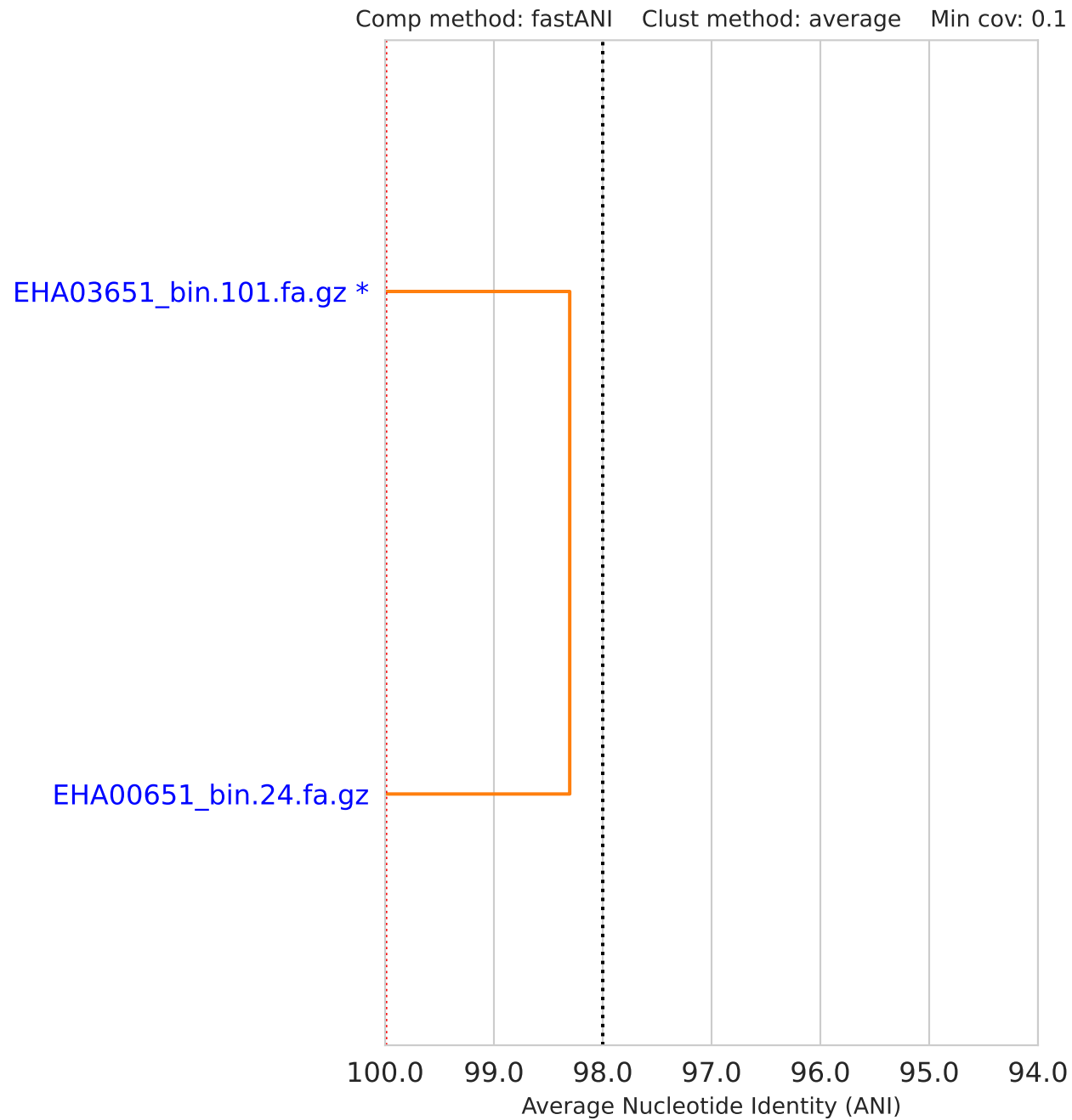
# Primary cluster 322



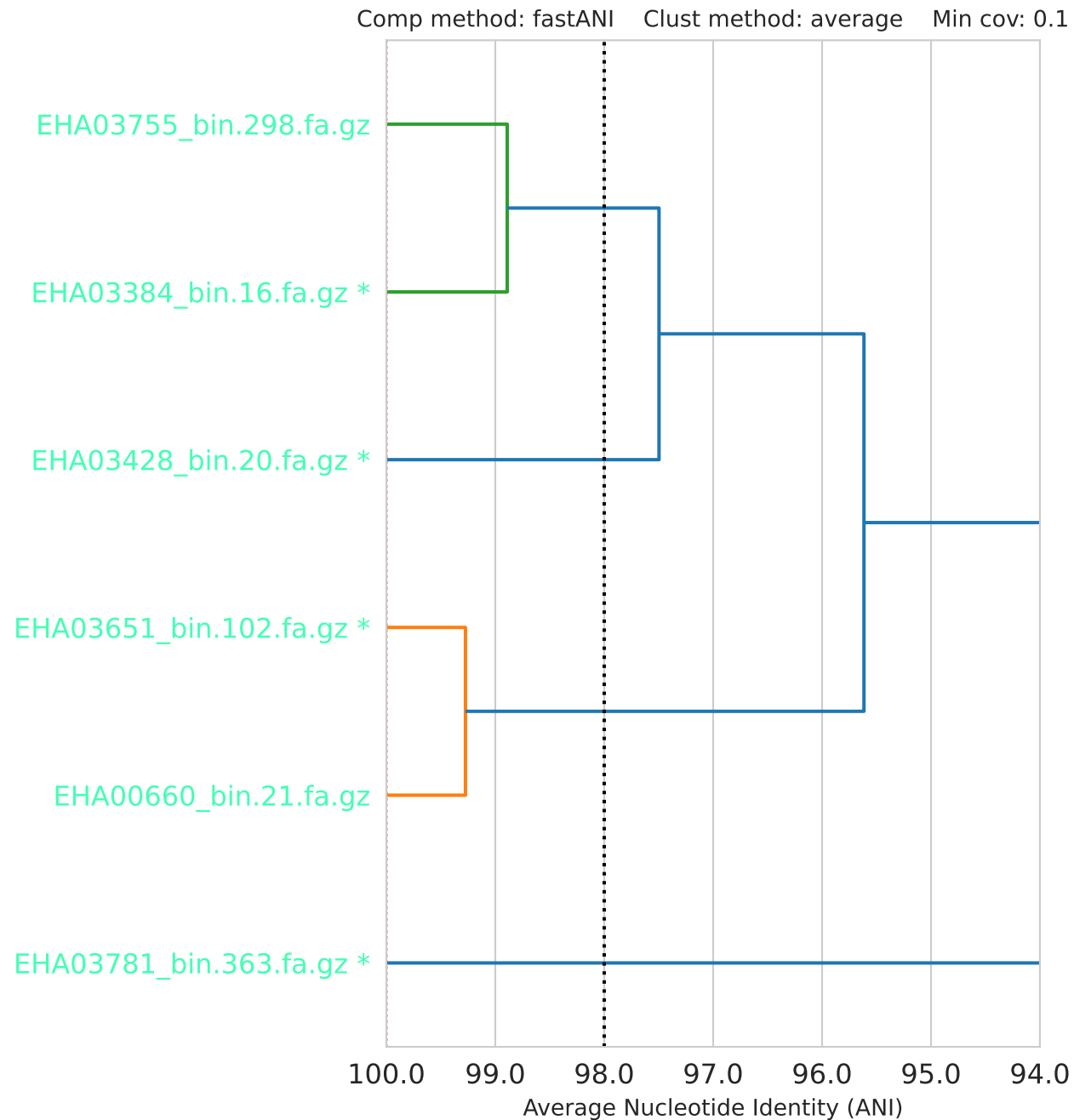
# Primary cluster 323



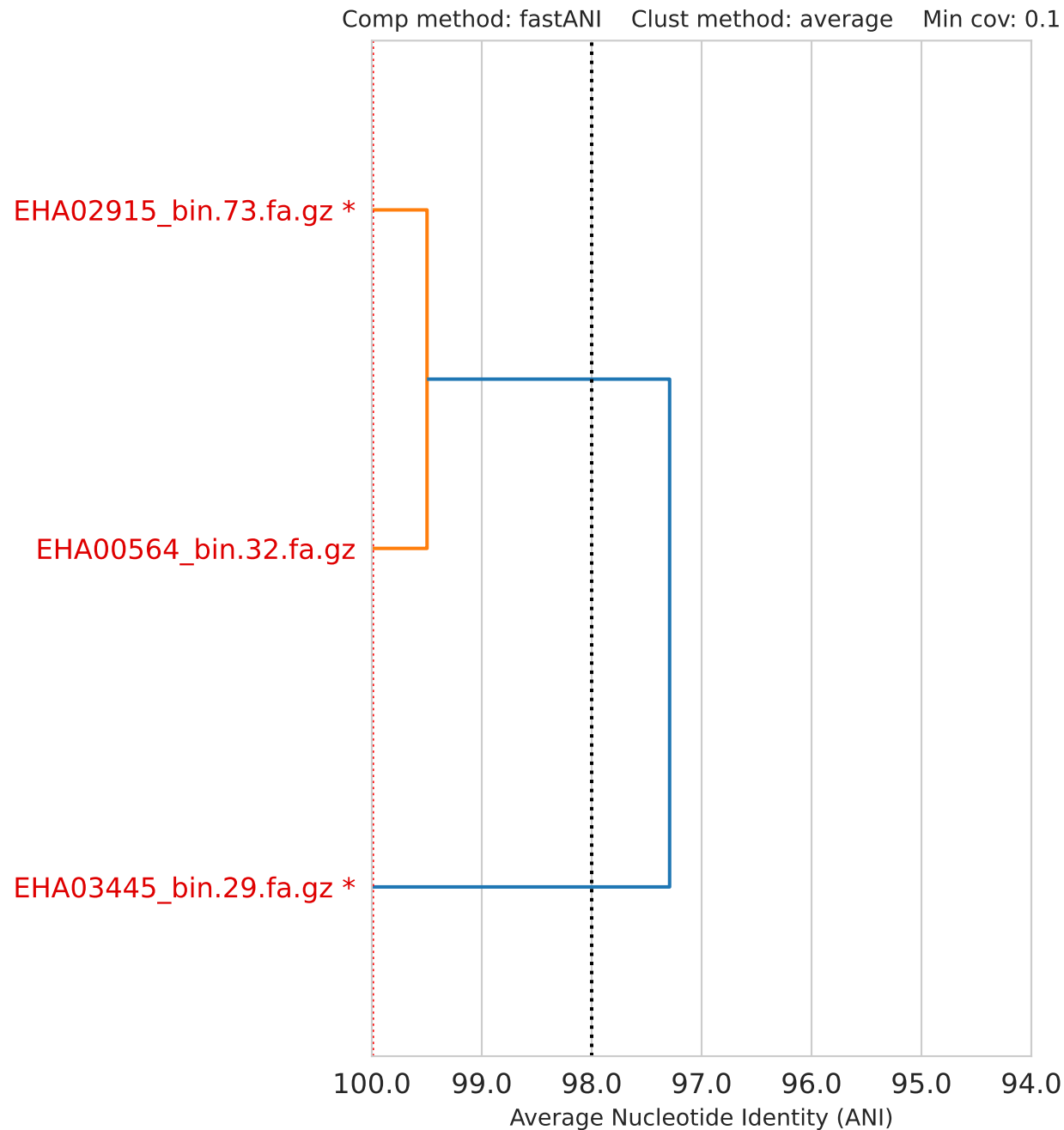
# Primary cluster 326



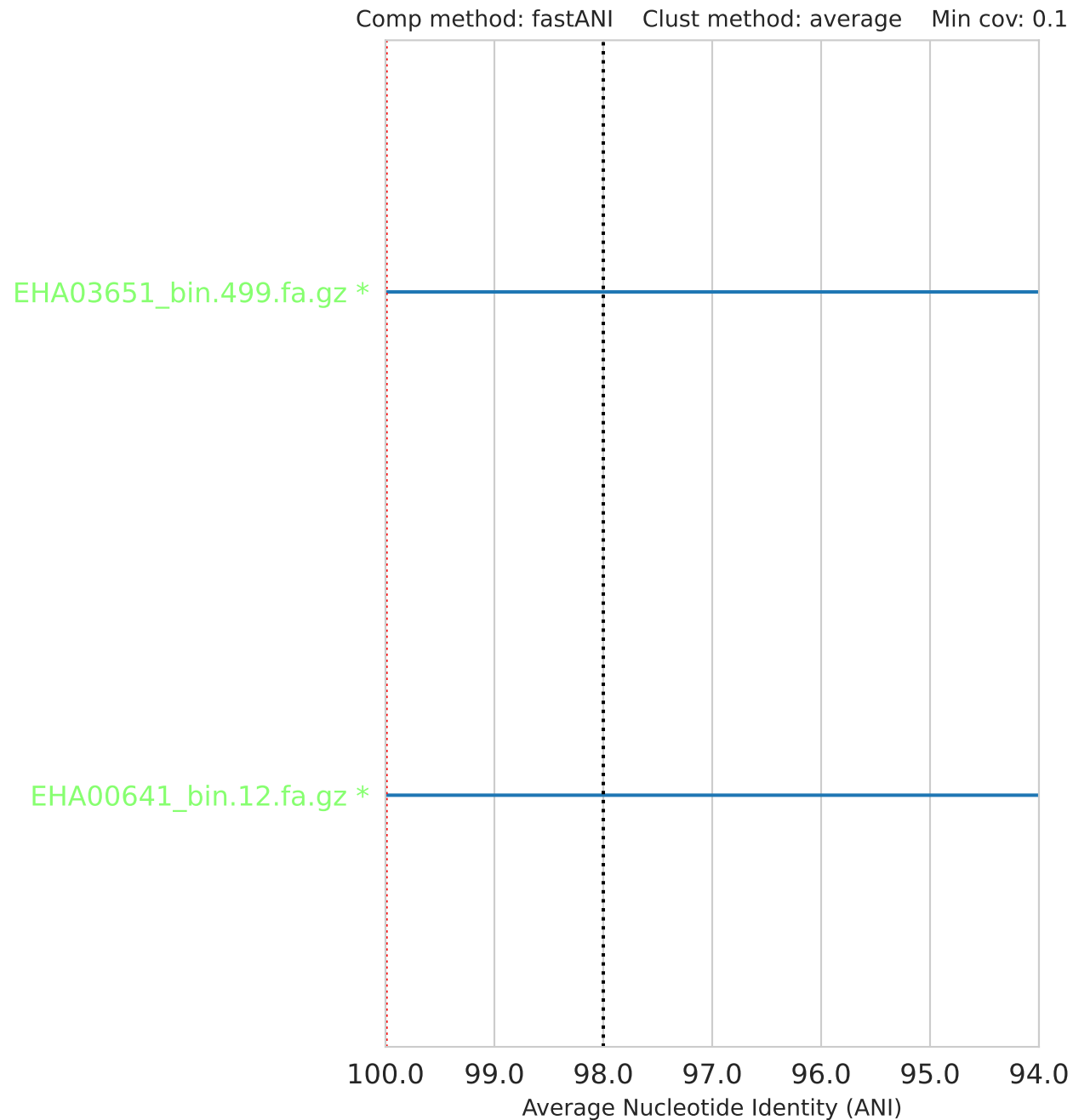
# Primary cluster 327



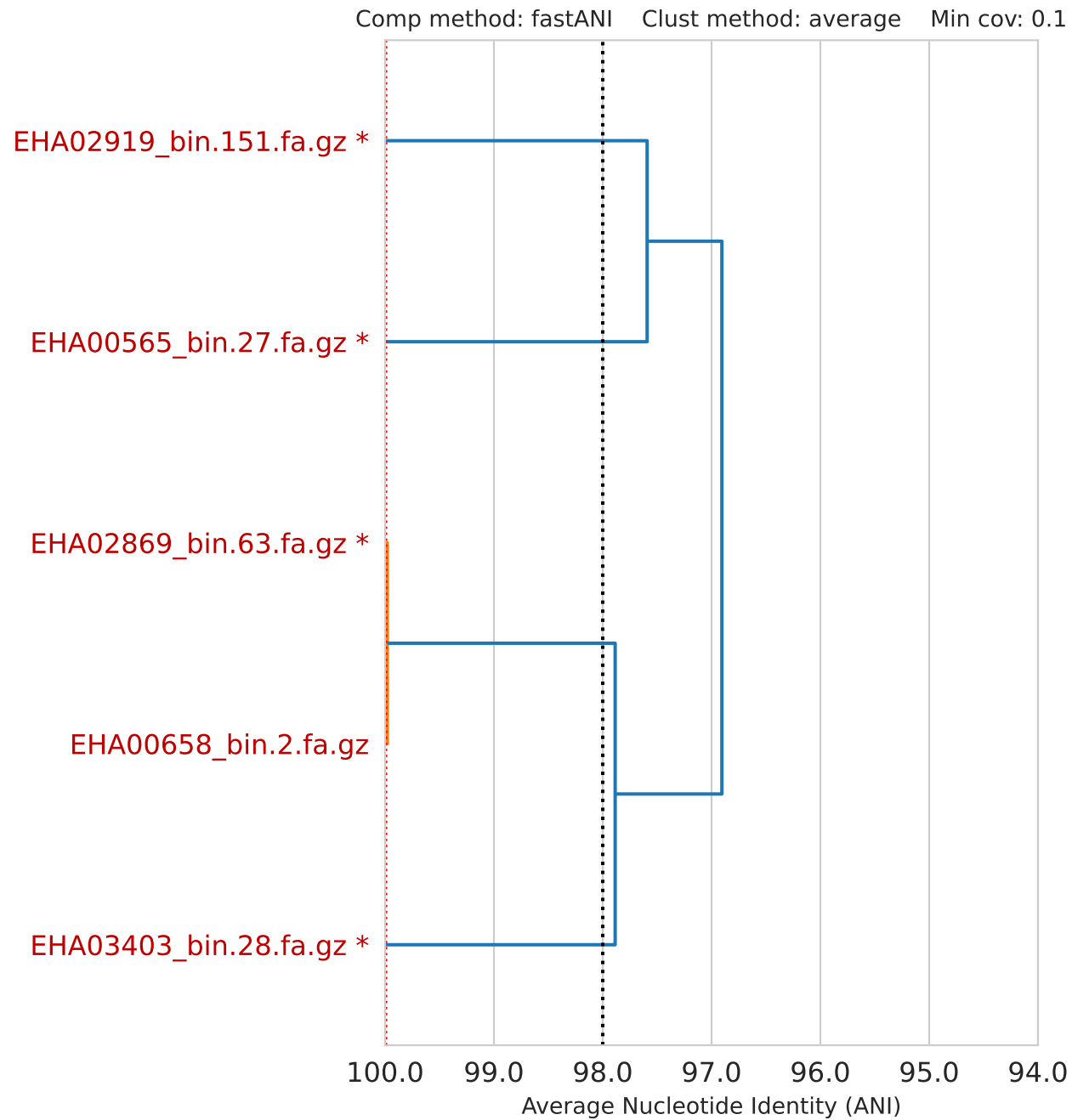
# Primary cluster 329



# Primary cluster 330

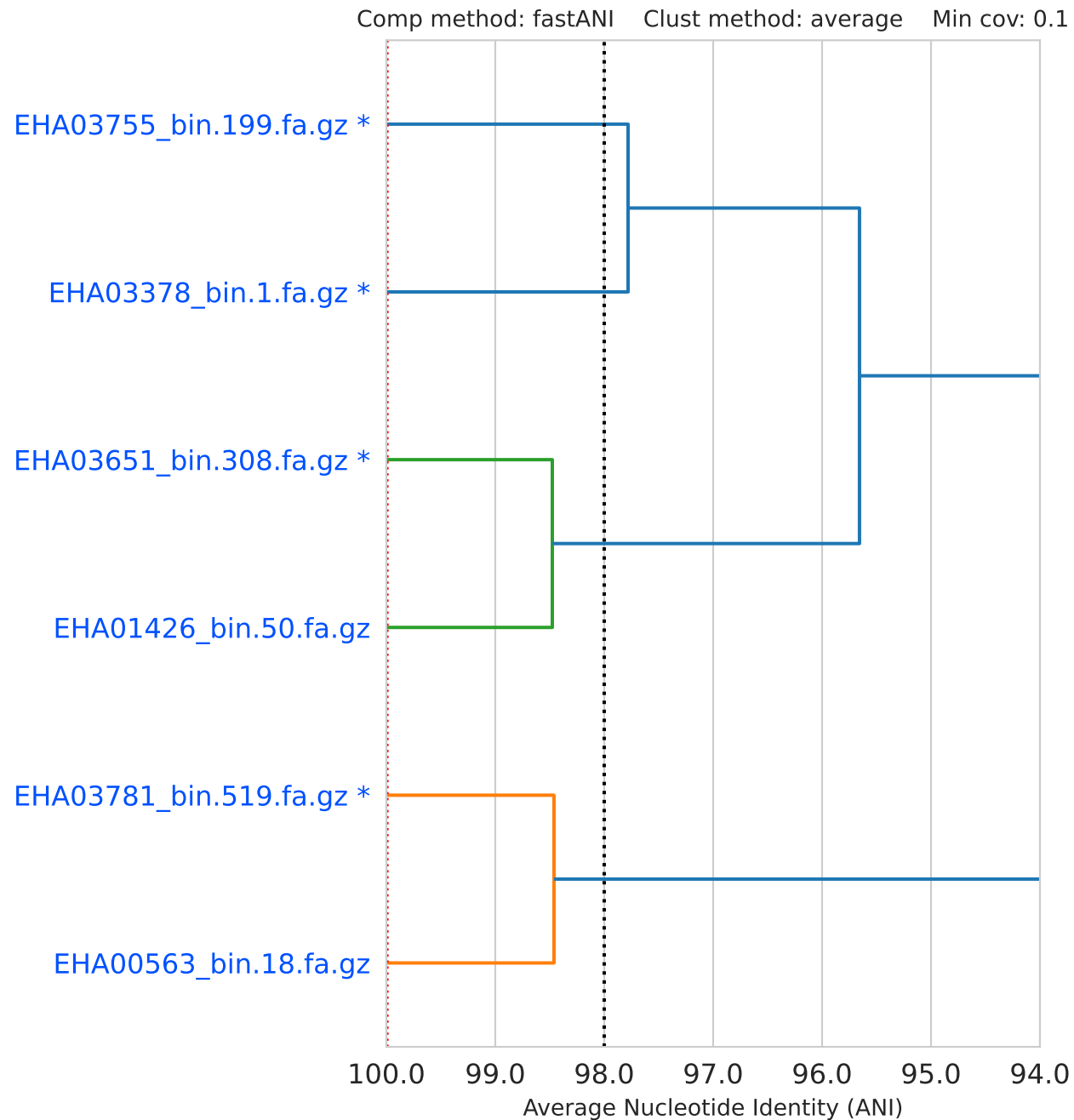


# Primary cluster 331

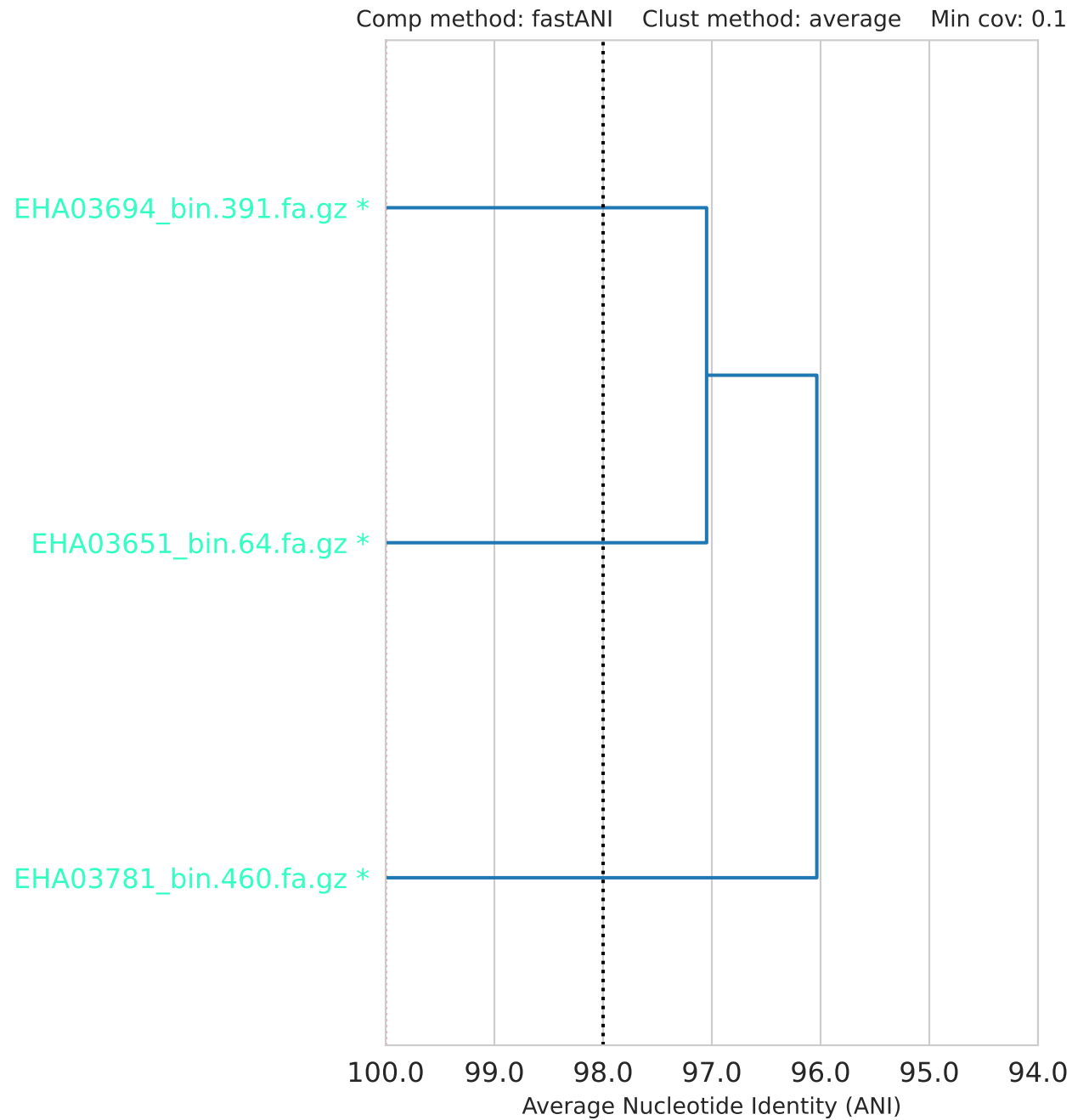




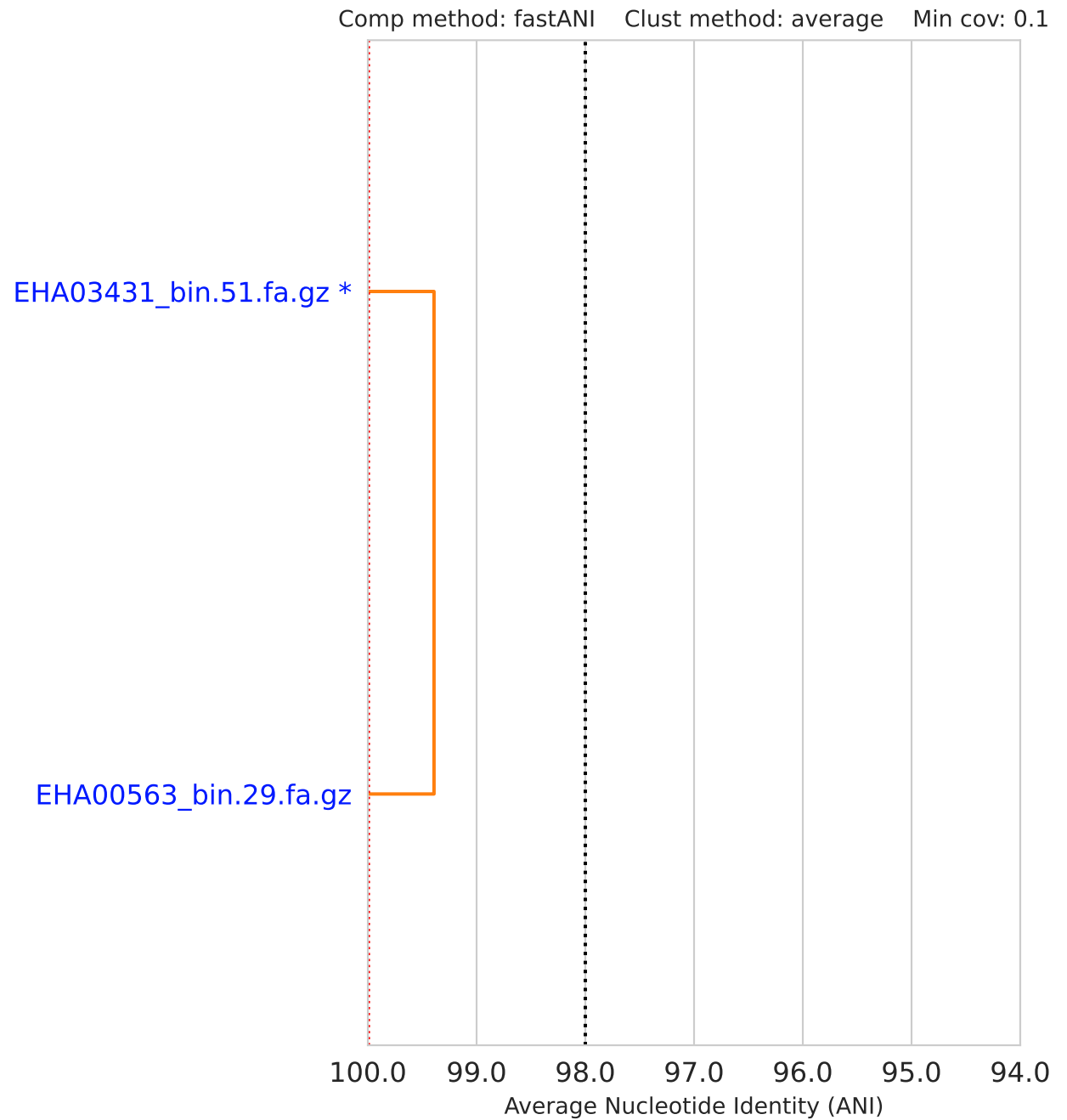
# Primary cluster 332



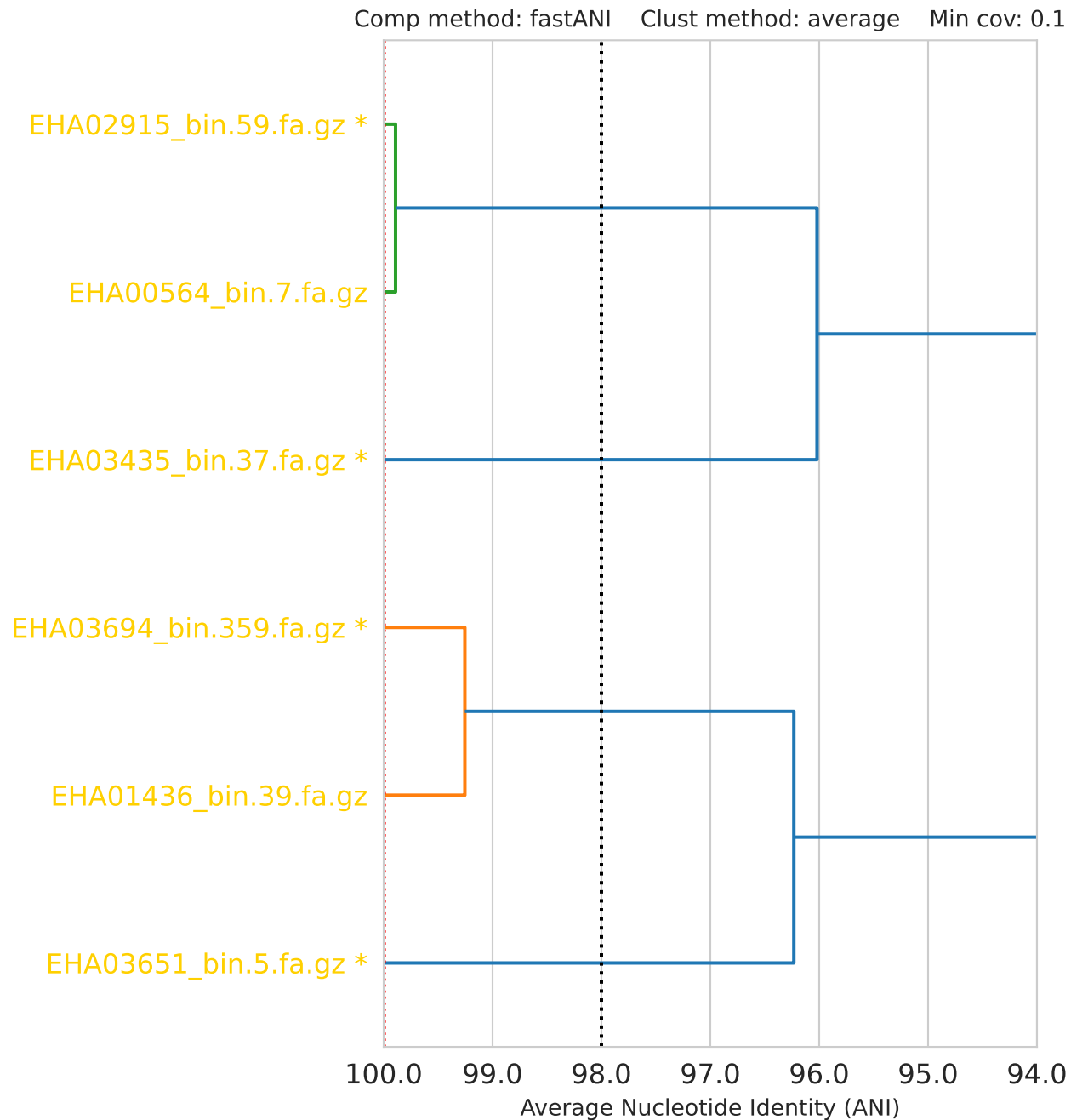
# Primary cluster 333



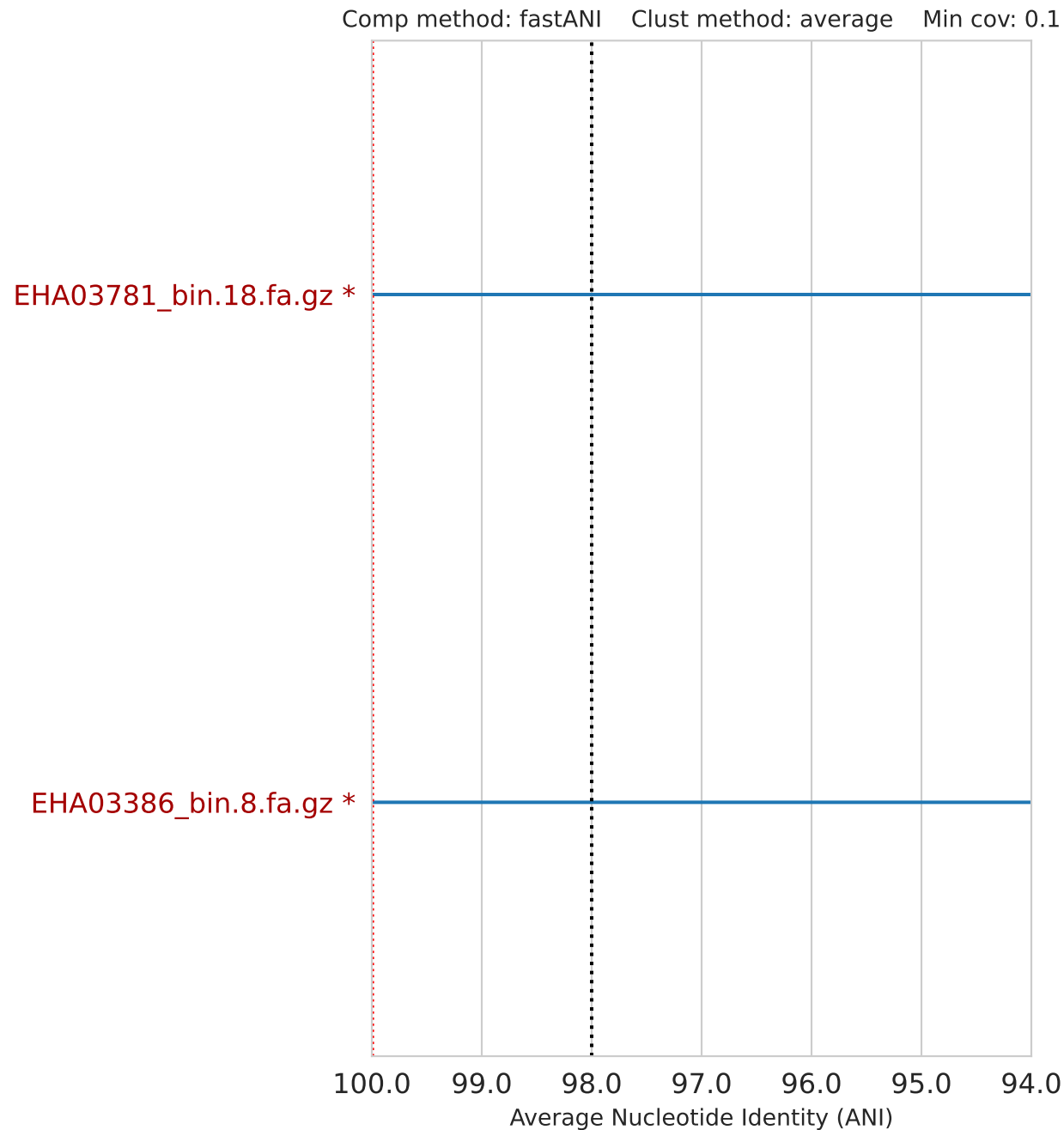
# Primary cluster 334



# Primary cluster 336



# Primary cluster 337



# Primary cluster 338

Comp method: fastANI

Clust method: average

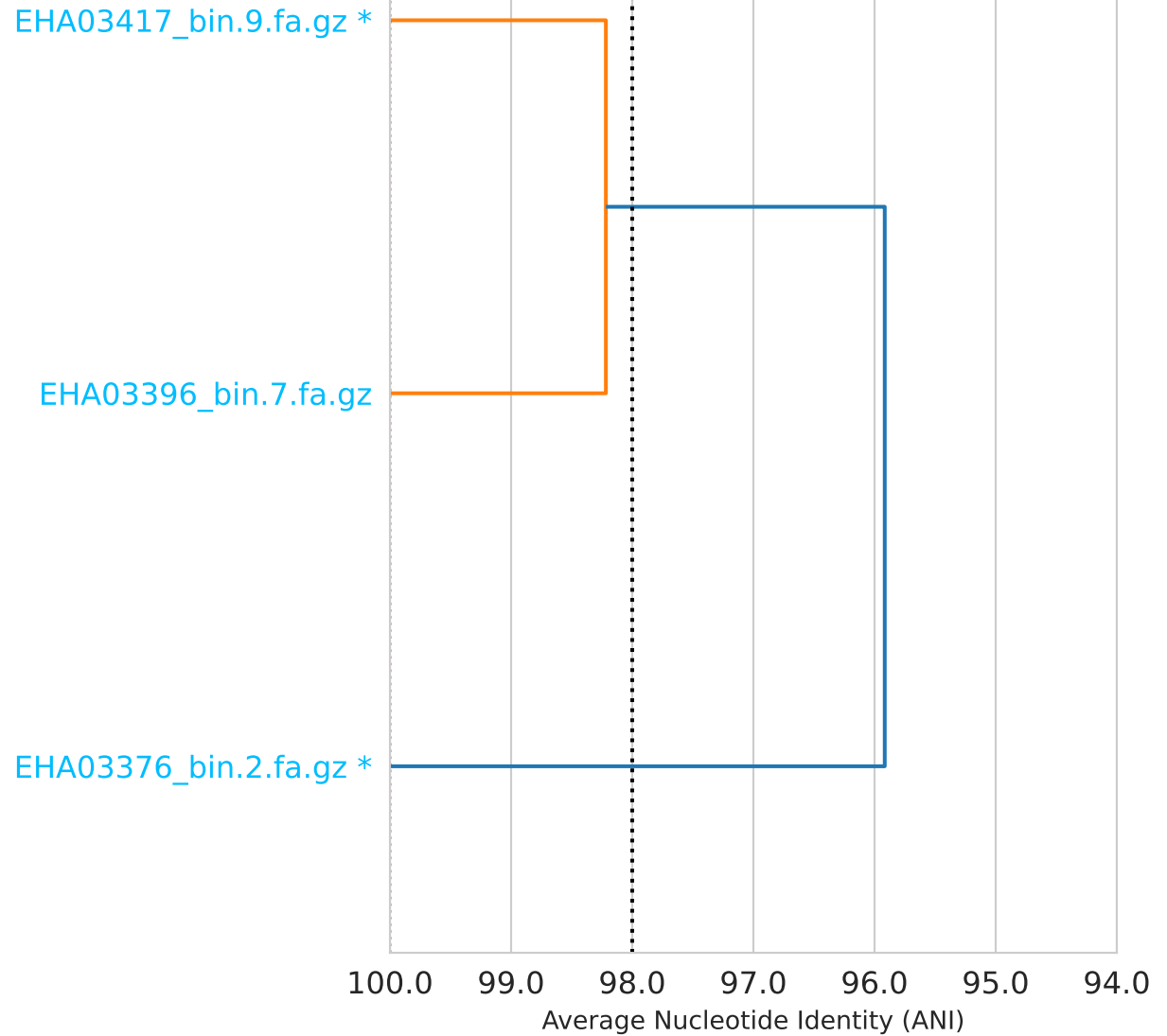
Min cov: 0.1

EHA03417\_bin.9.fa.gz \*

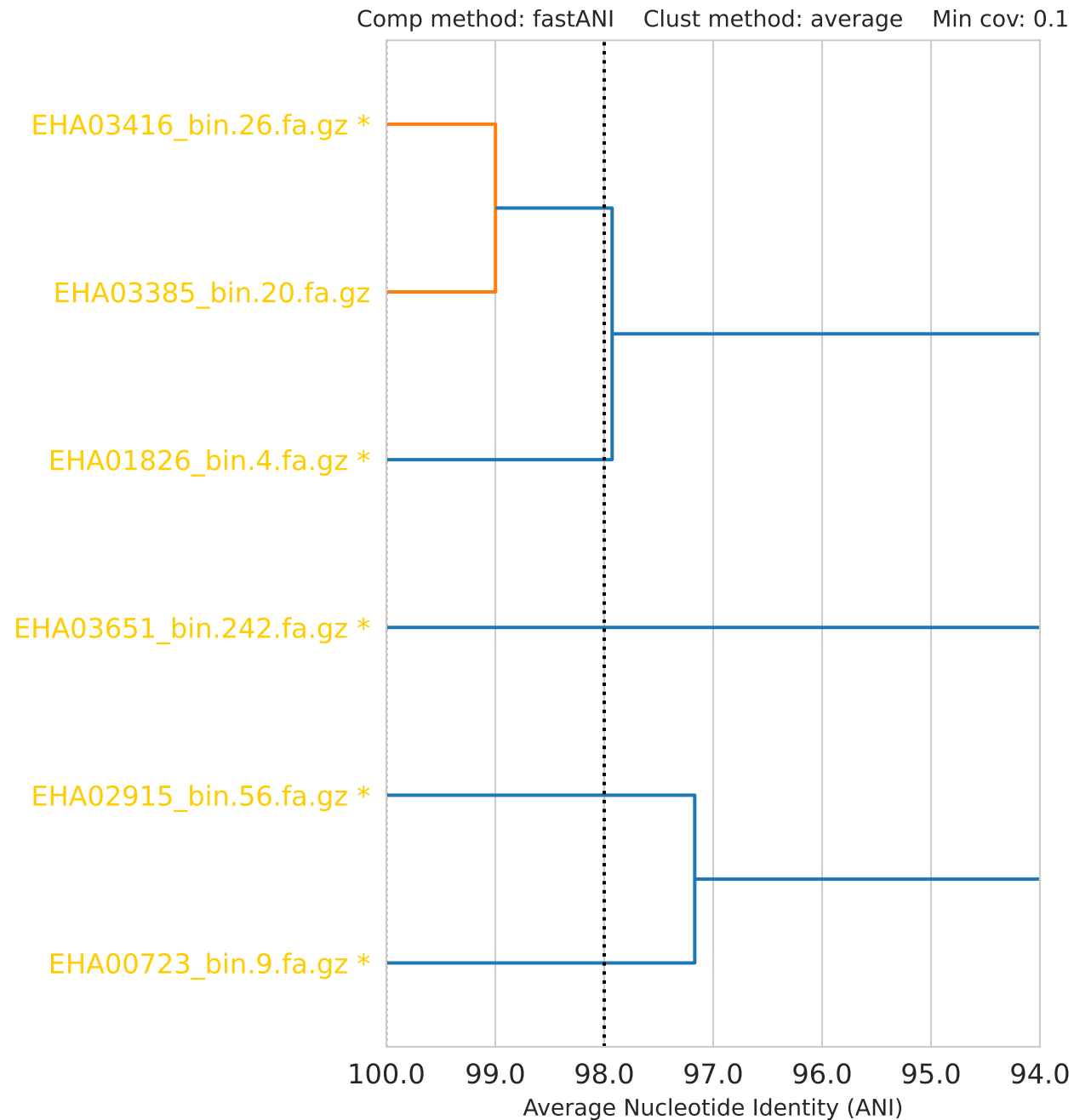
EHA03396\_bin.7.fa.gz

EHA03376\_bin.2.fa.gz \*

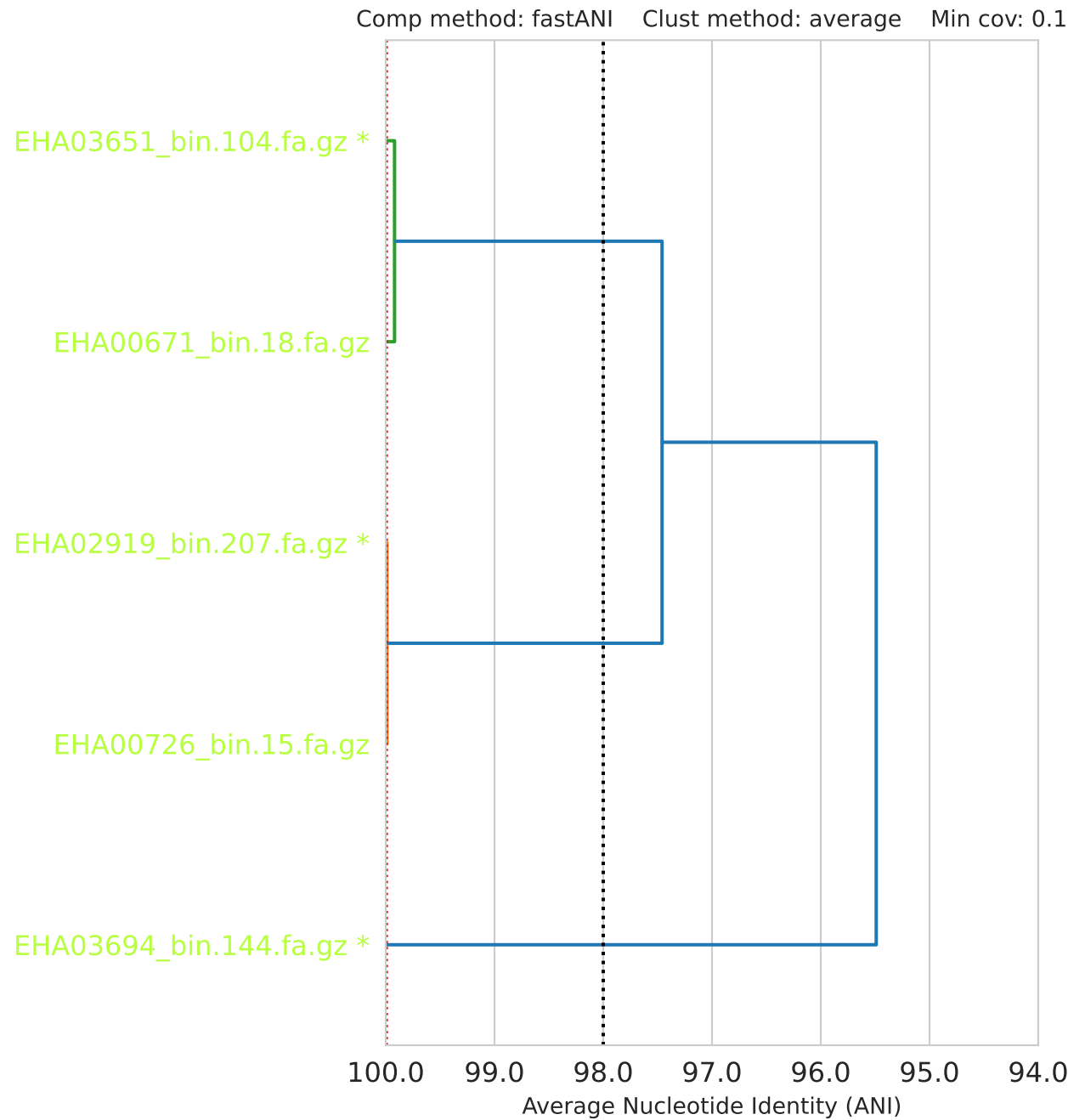
100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



# Primary cluster 339

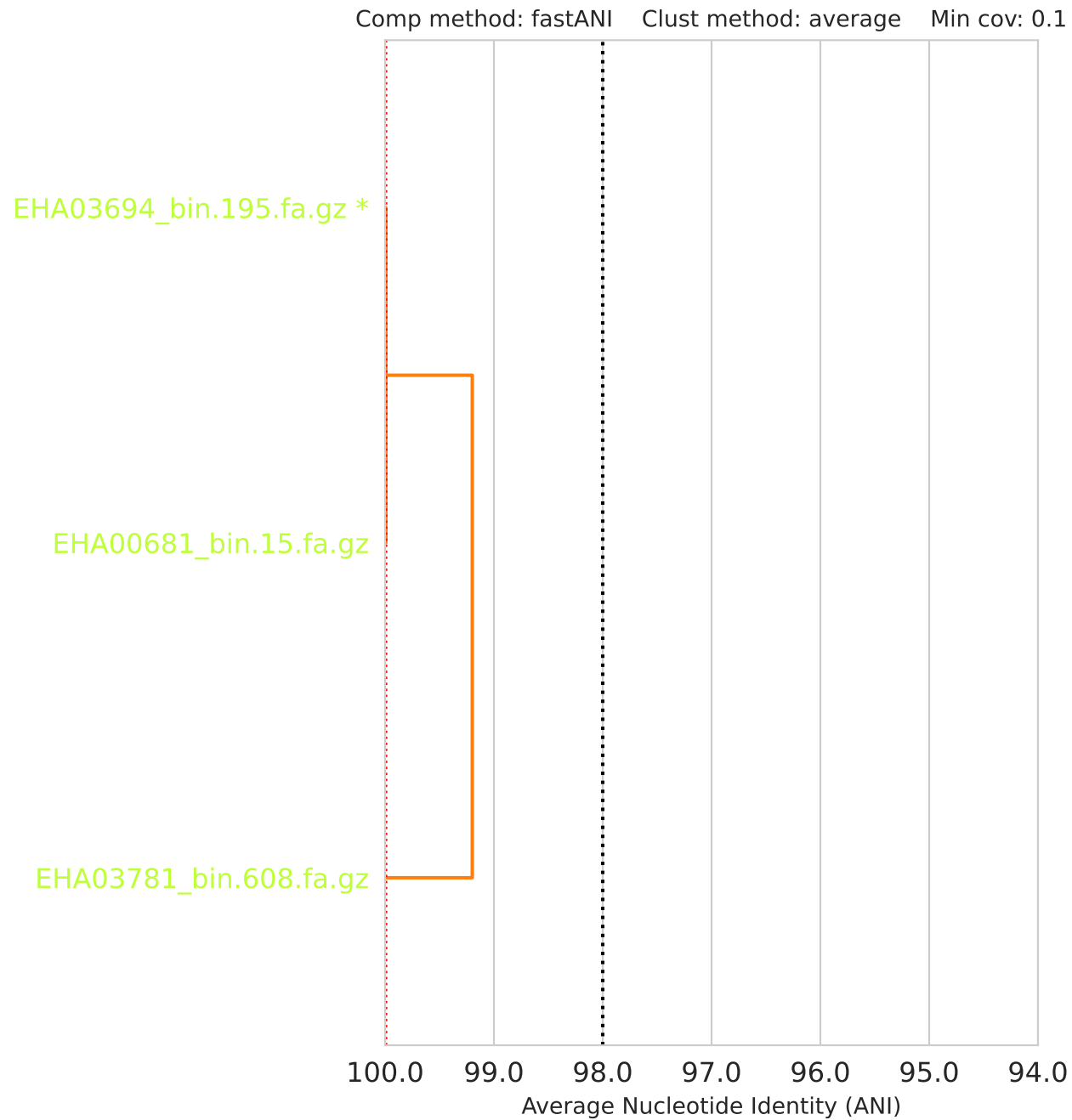


# Primary cluster 341

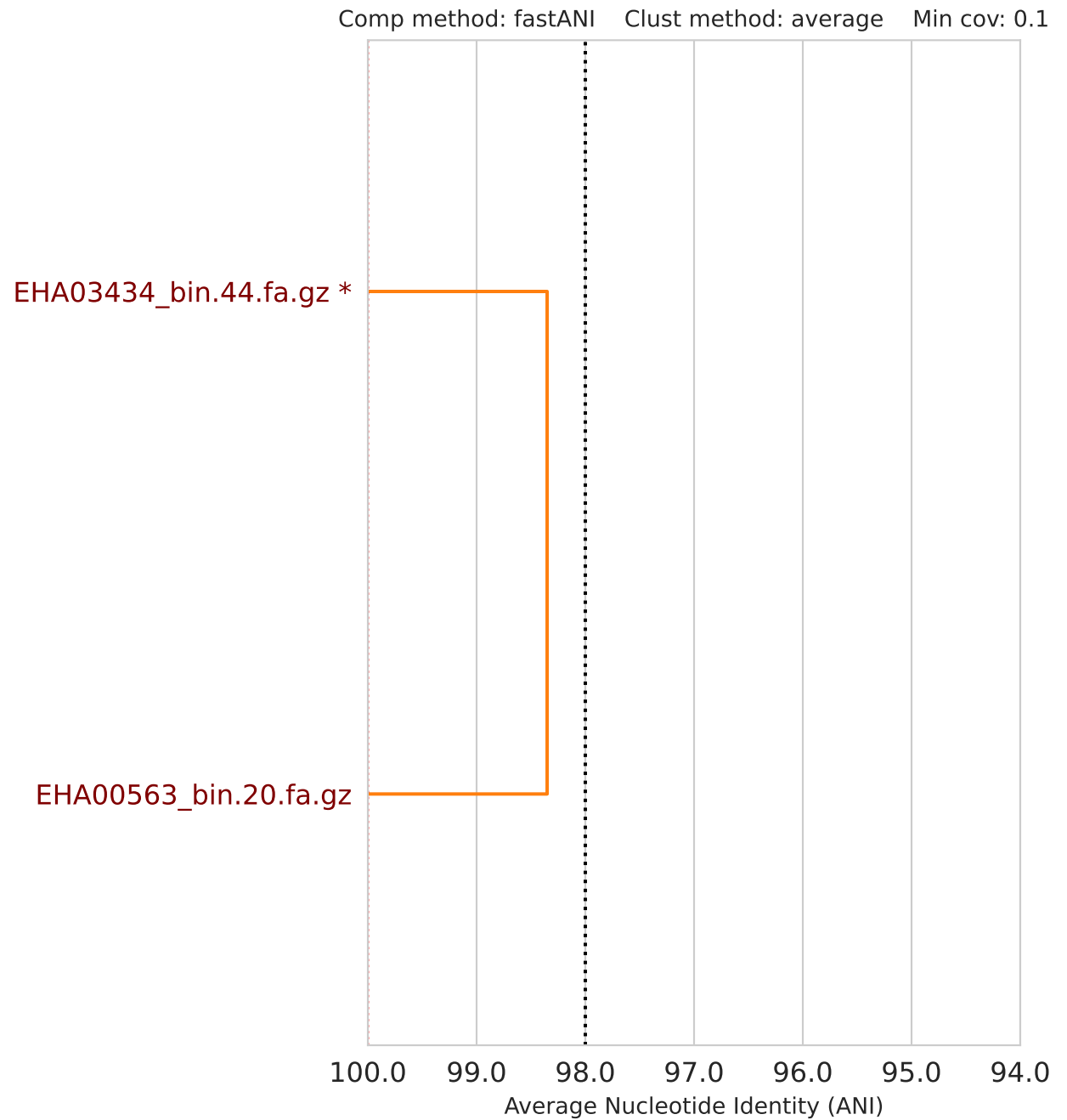




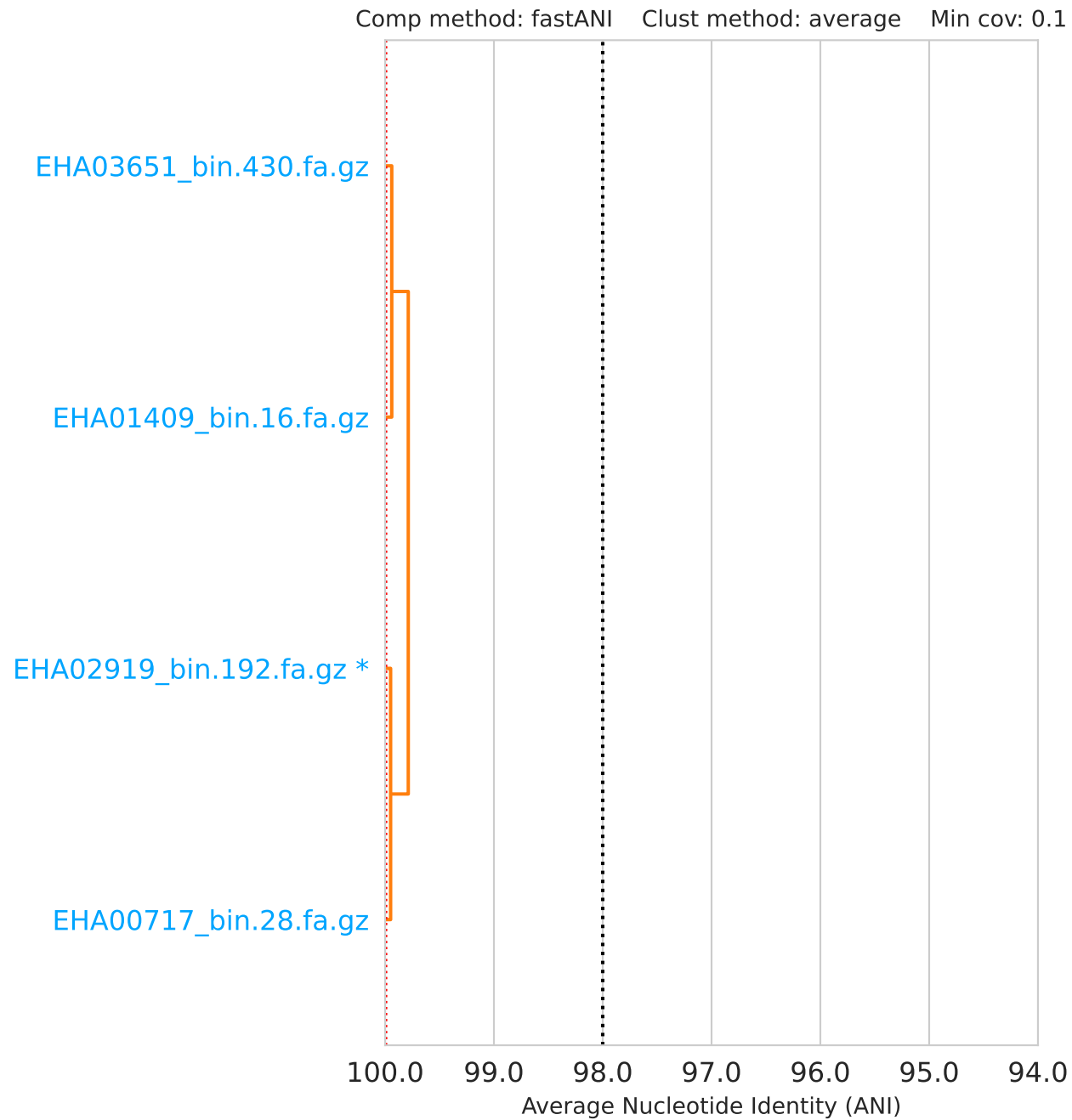
# Primary cluster 344



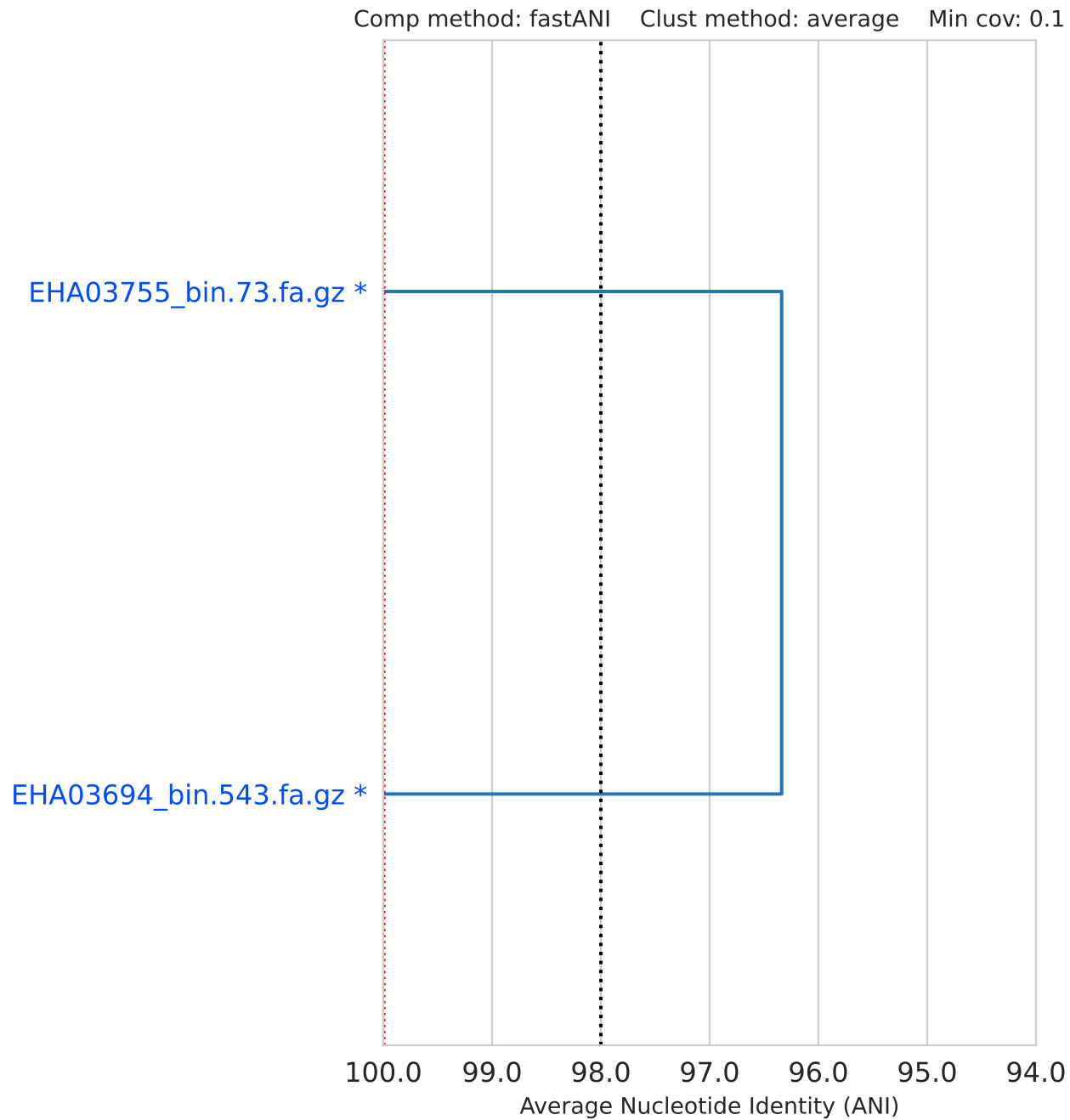
# Primary cluster 348



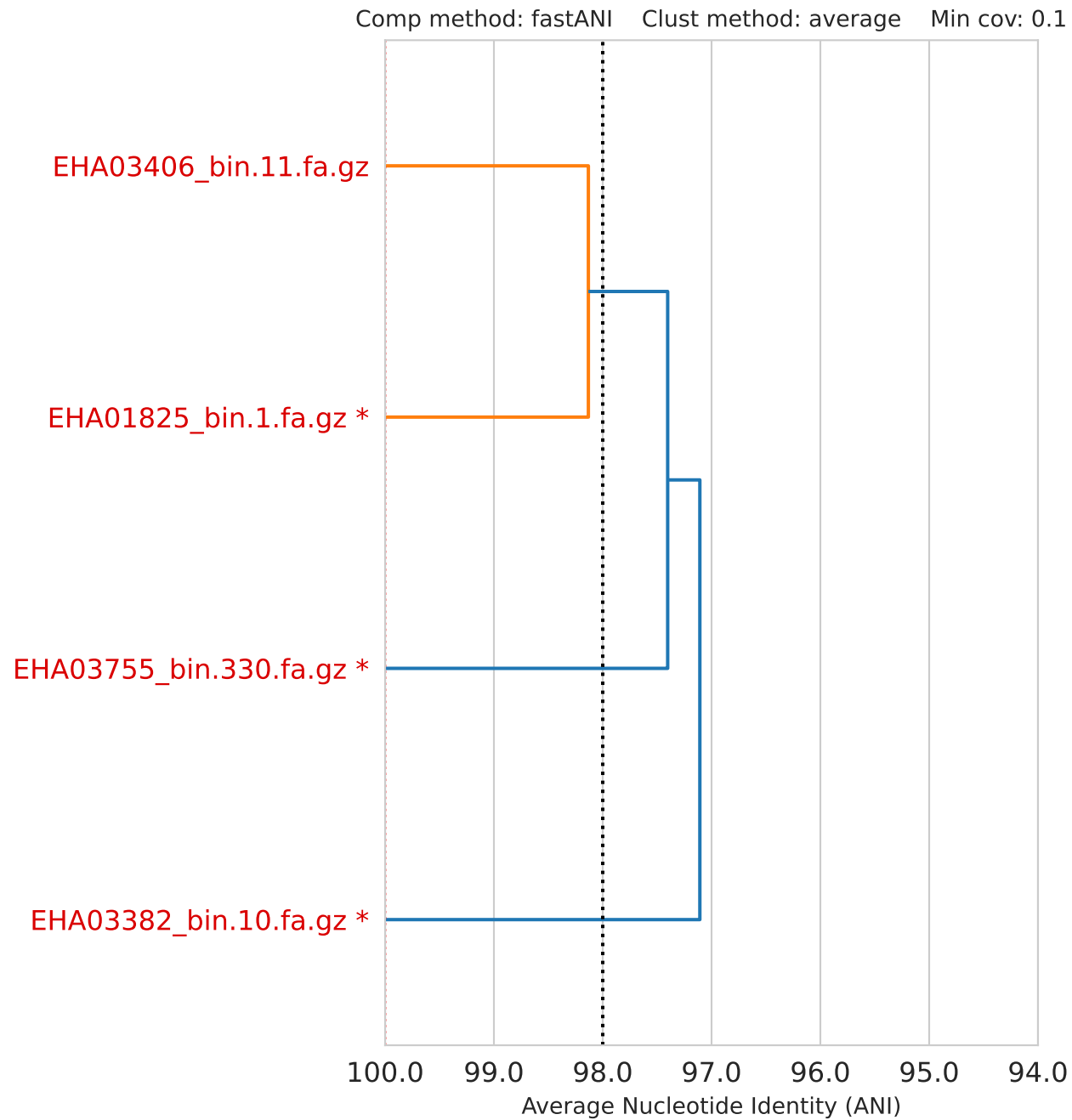
# Primary cluster 350



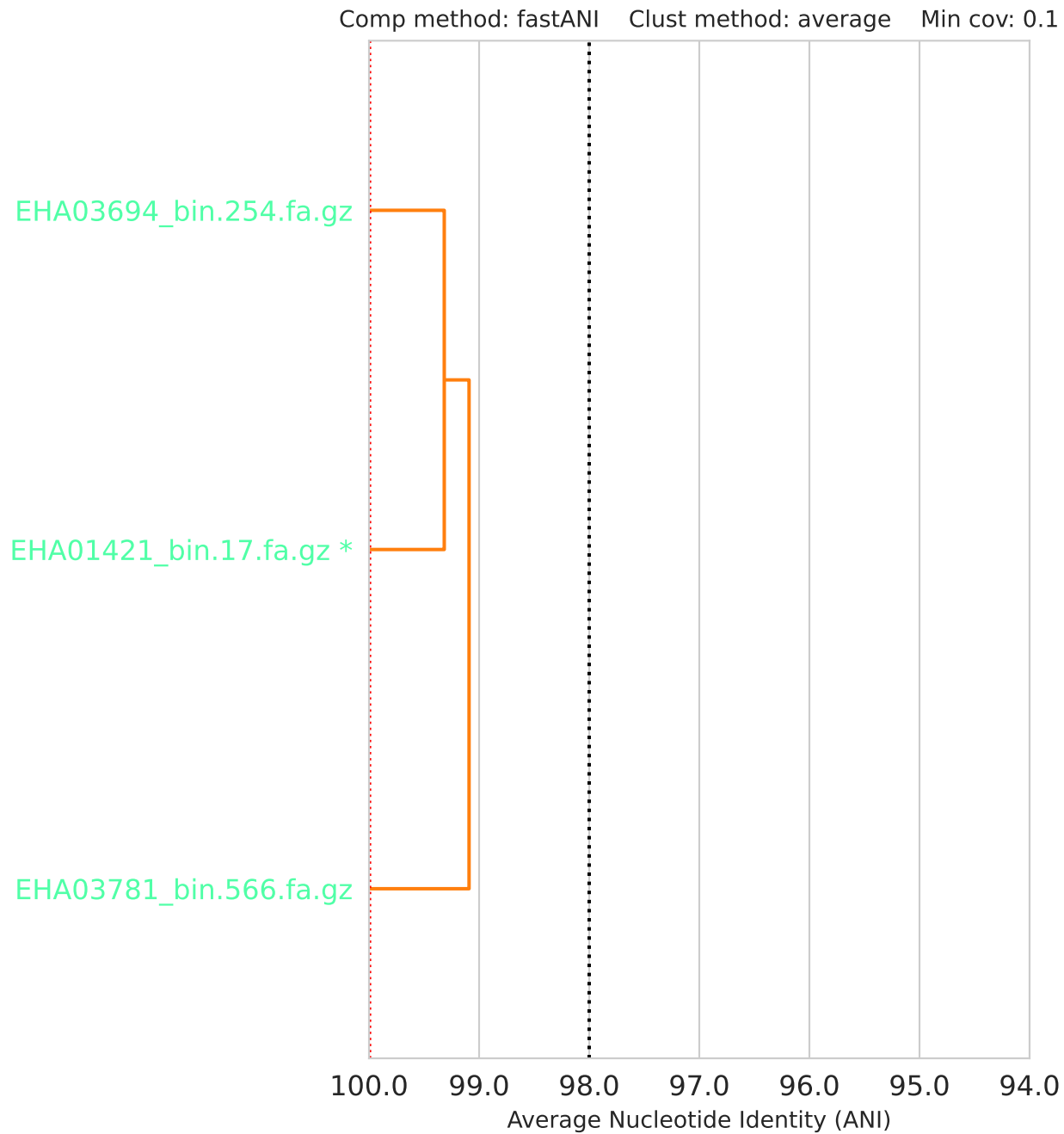
# Primary cluster 354



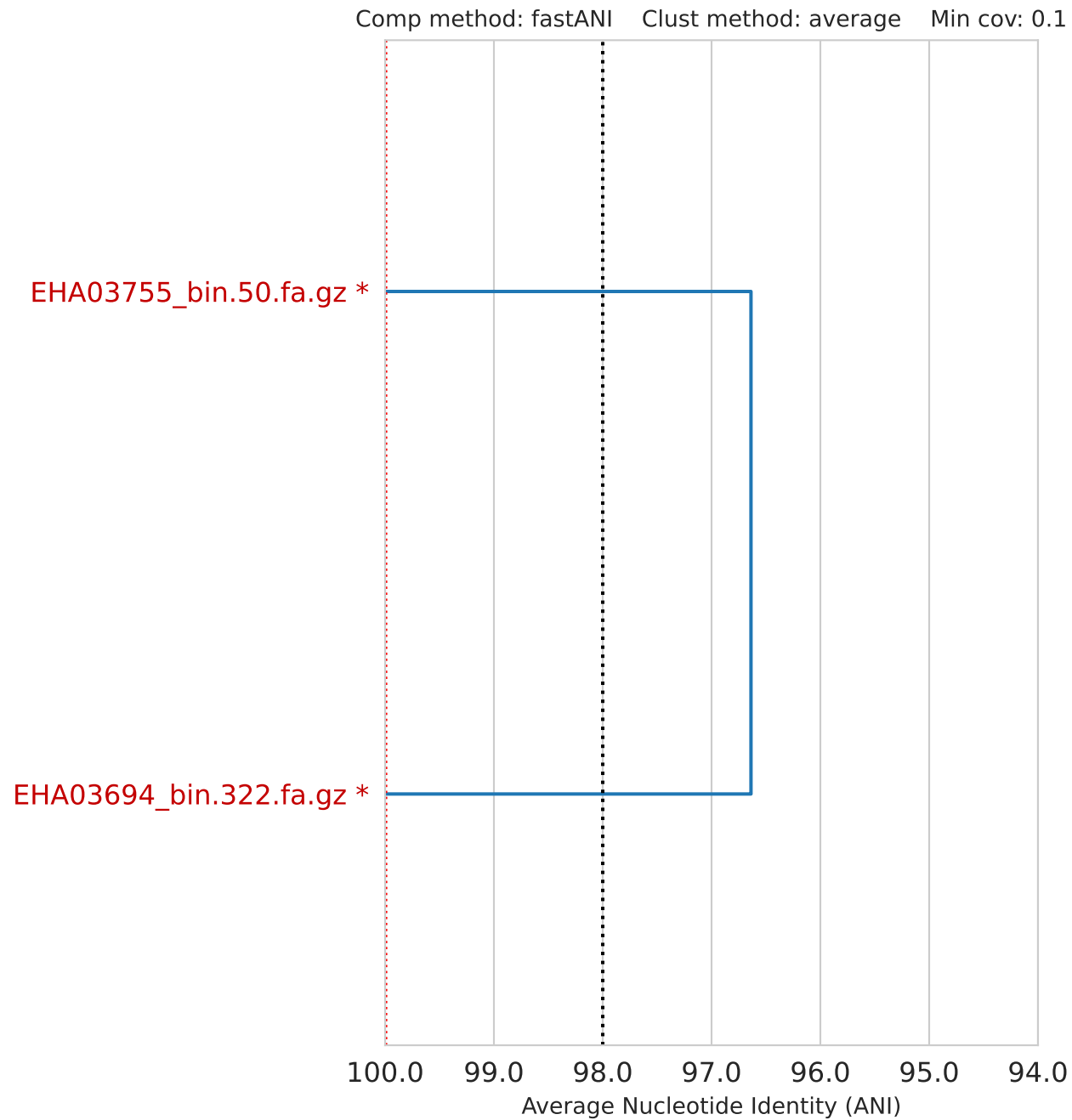
# Primary cluster 357



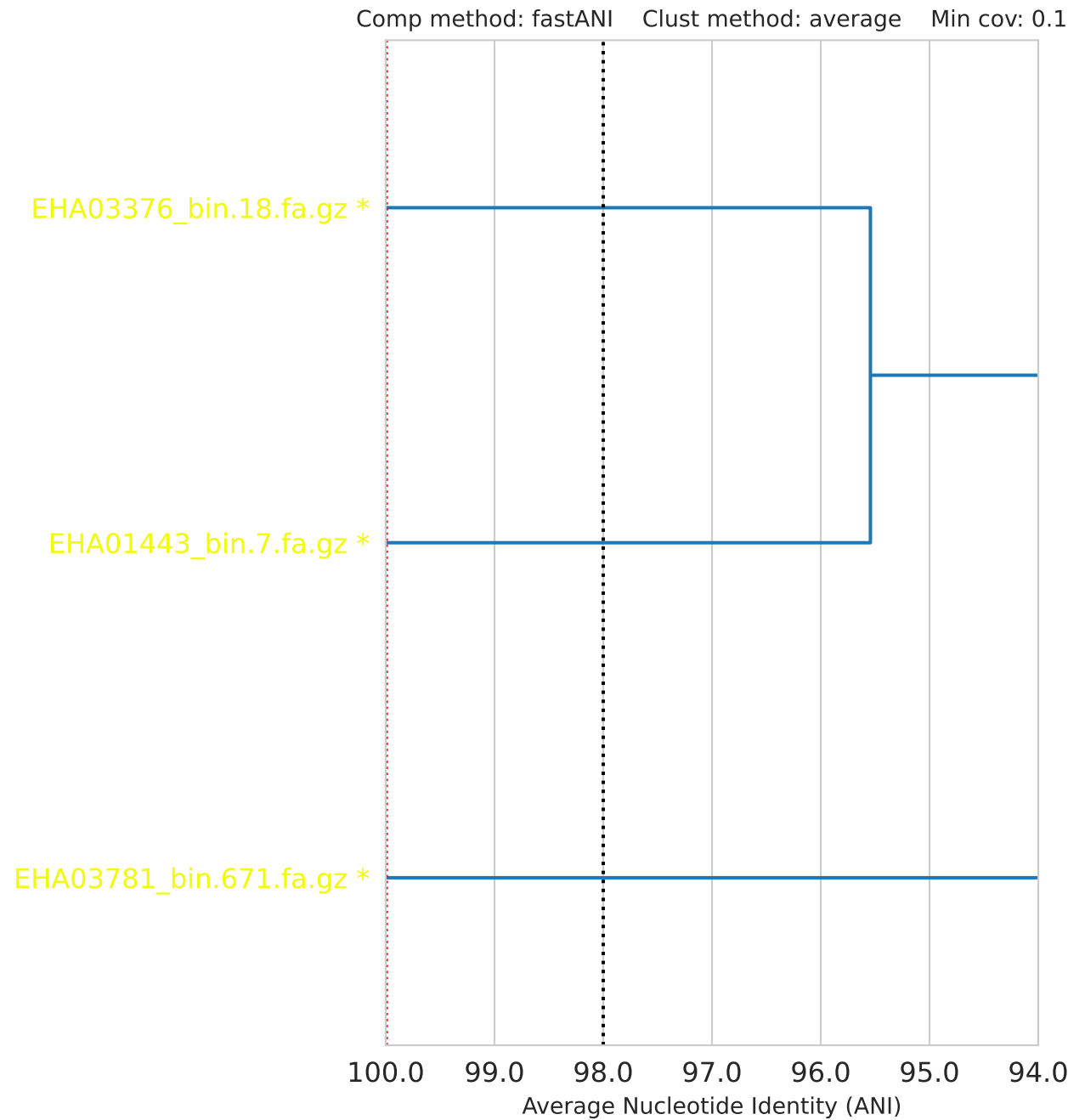
# Primary cluster 360



# Primary cluster 363

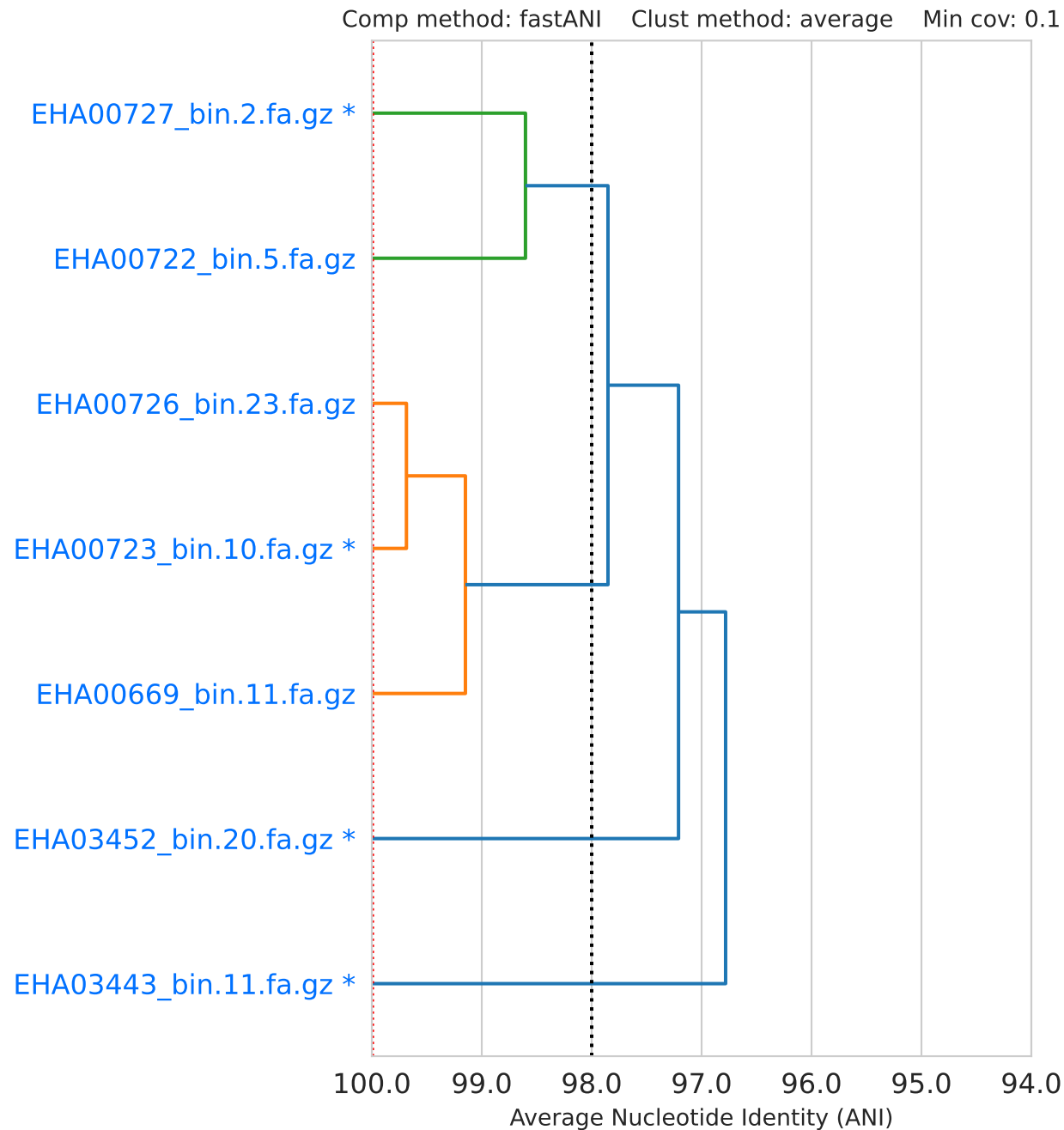


# Primary cluster 364

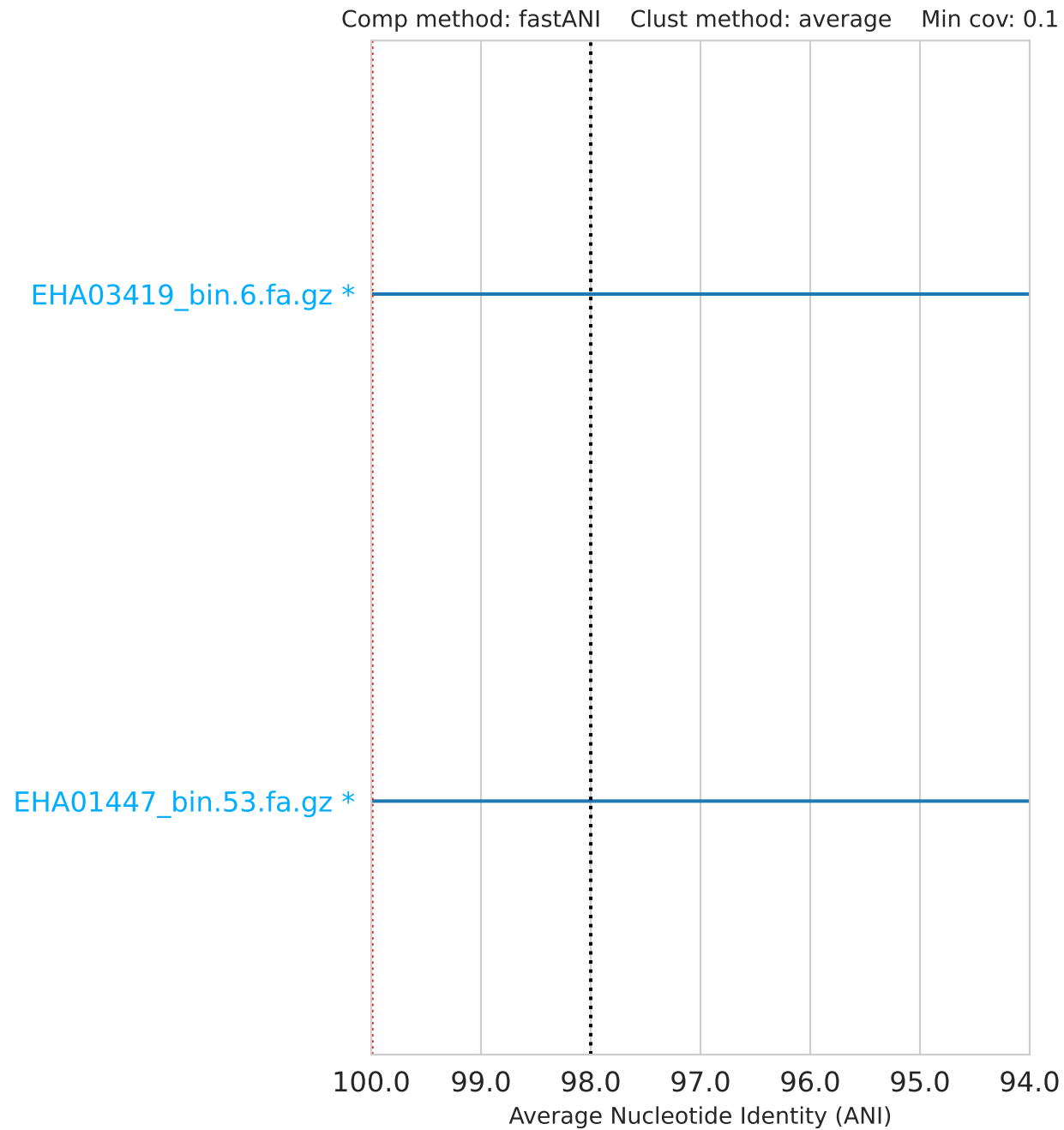




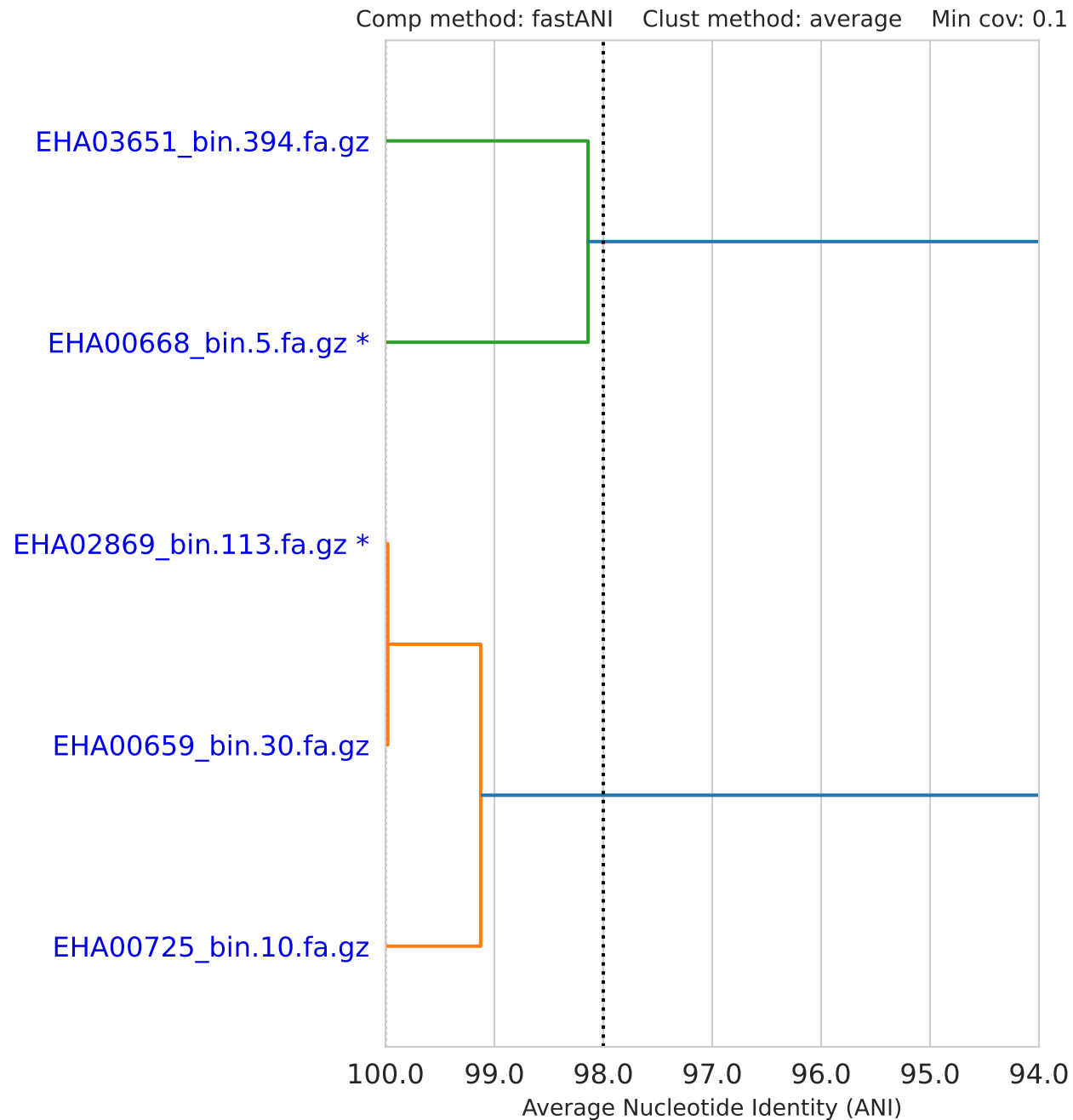
# Primary cluster 366



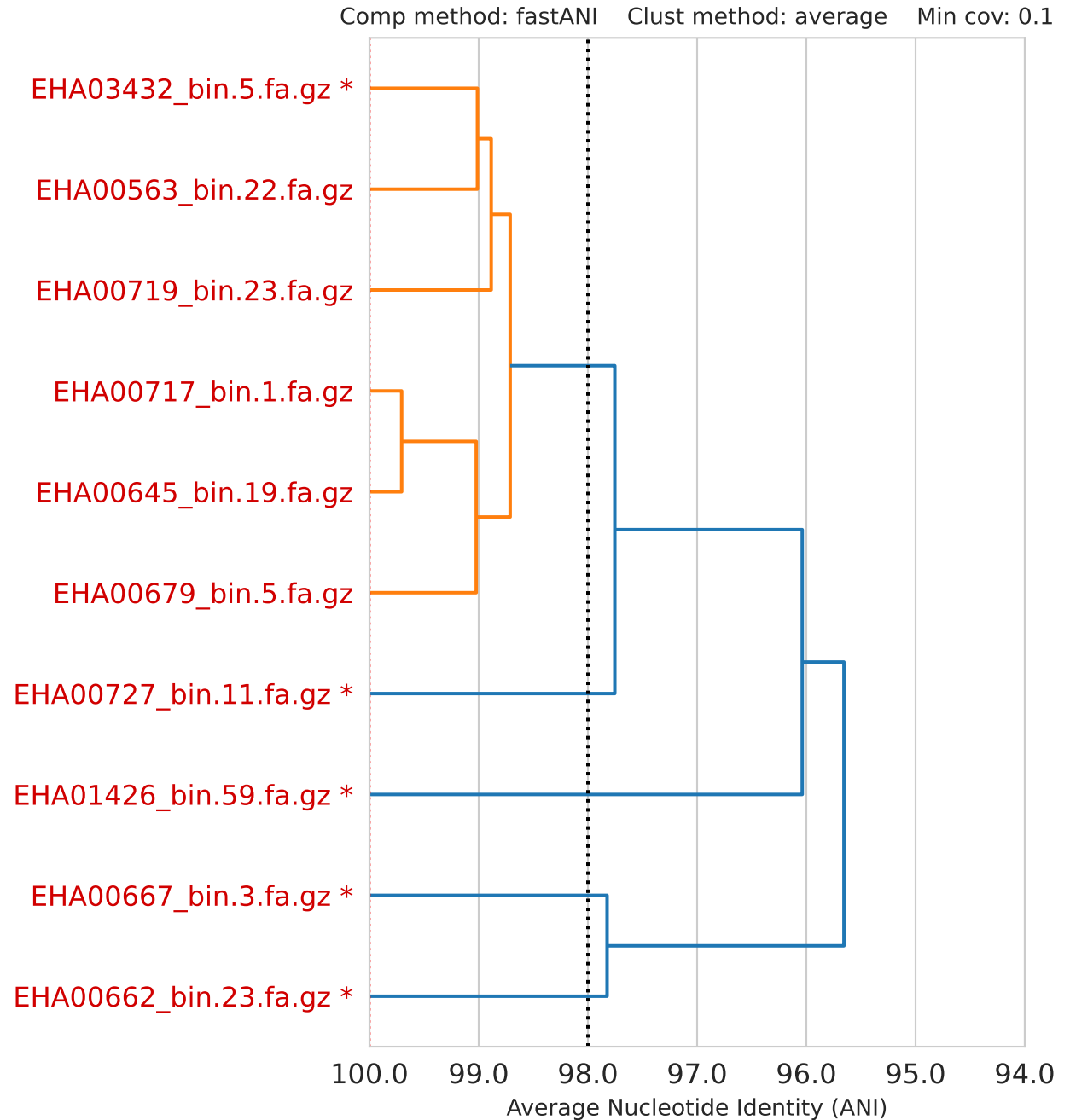
# Primary cluster 367



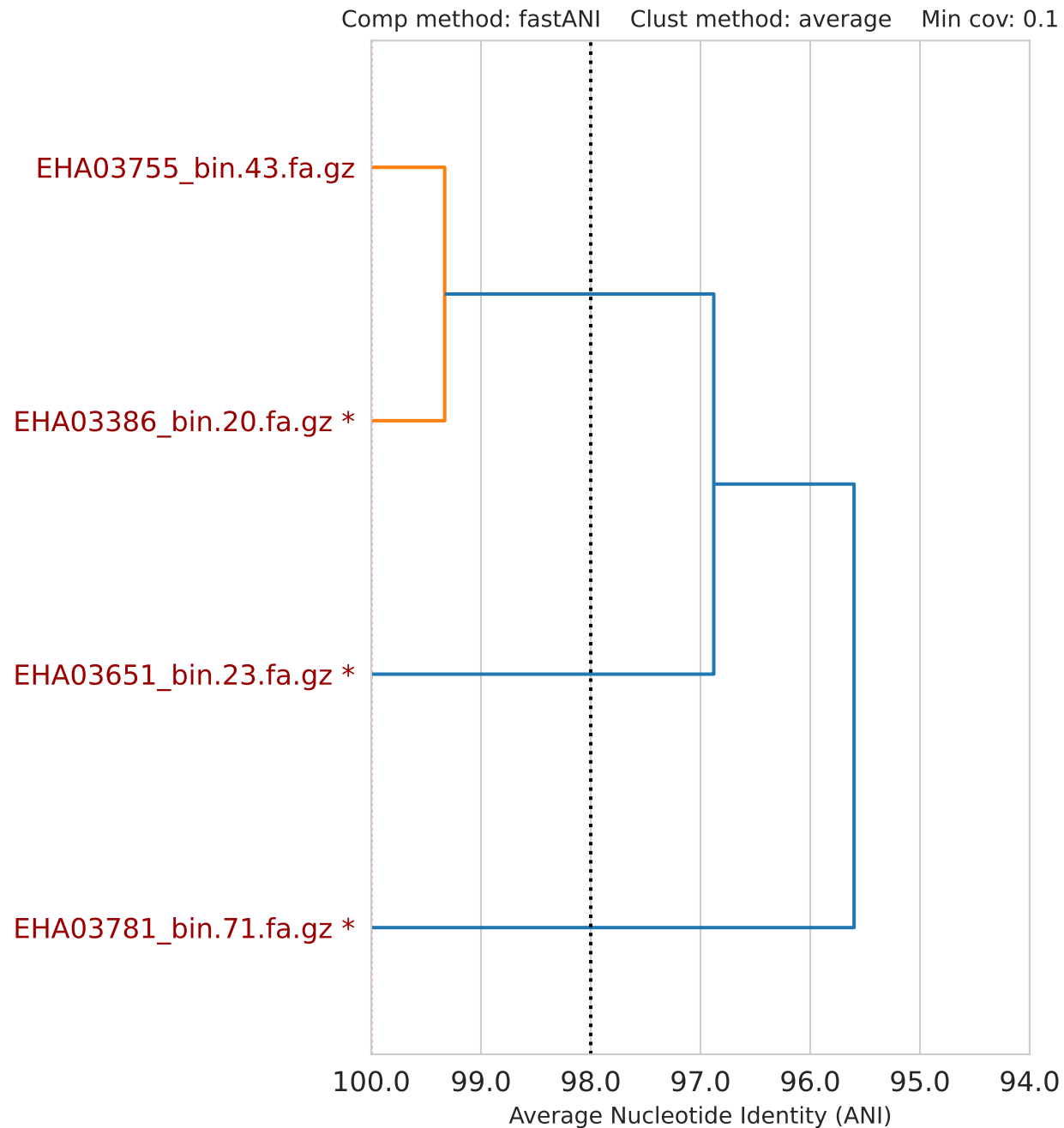
# Primary cluster 368



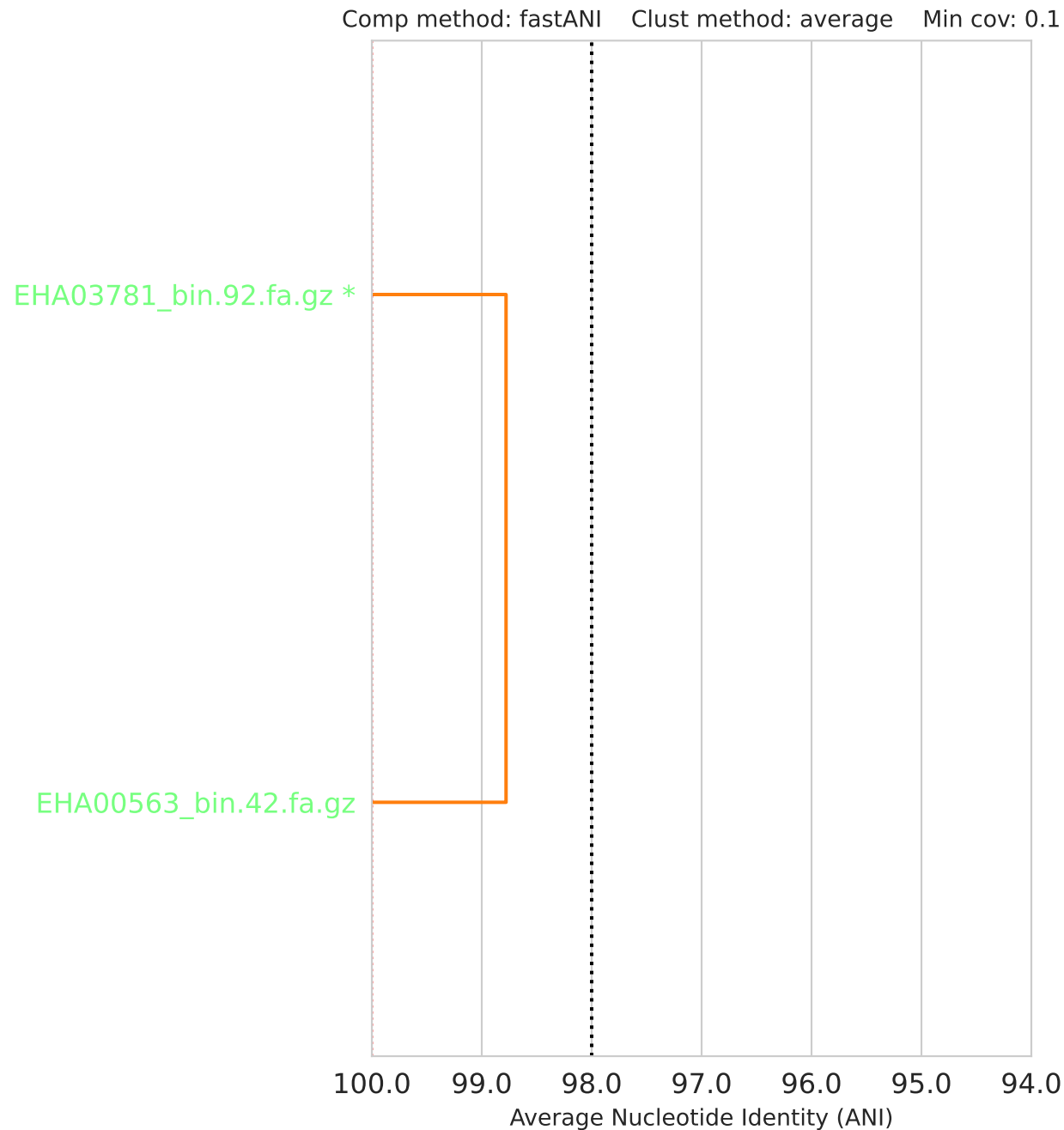
# Primary cluster 370



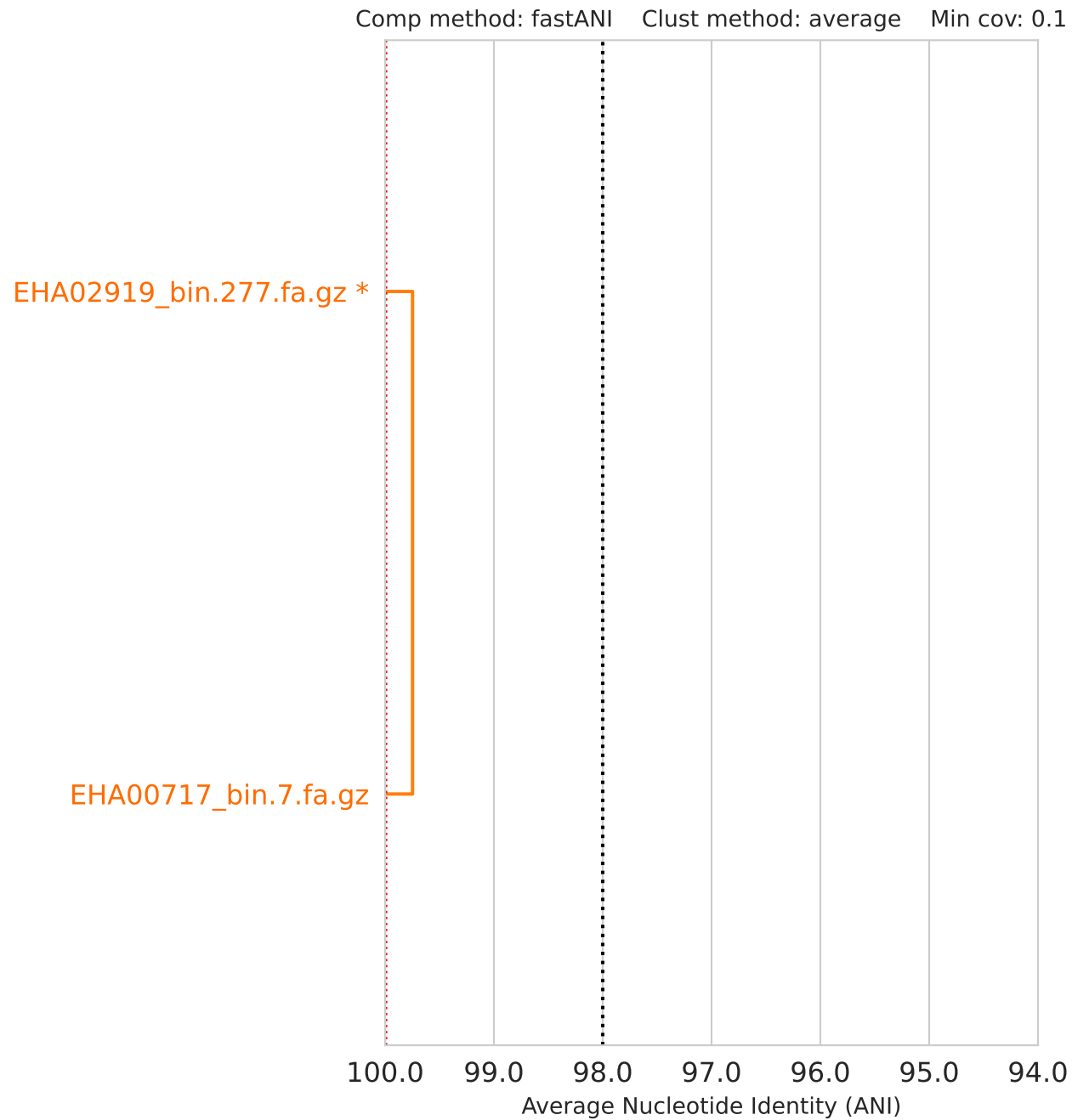
# Primary cluster 375



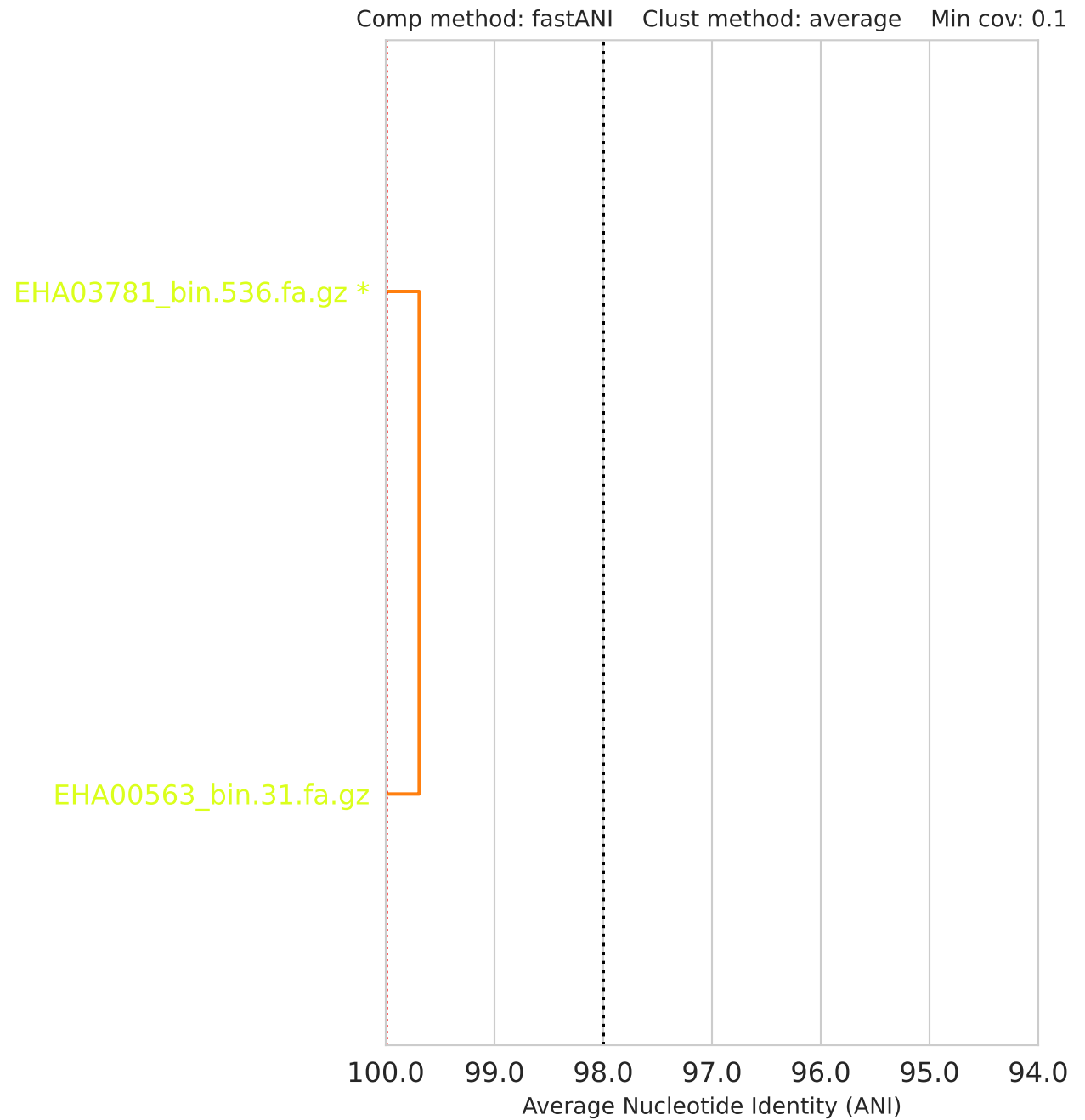
# Primary cluster 376



# Primary cluster 378

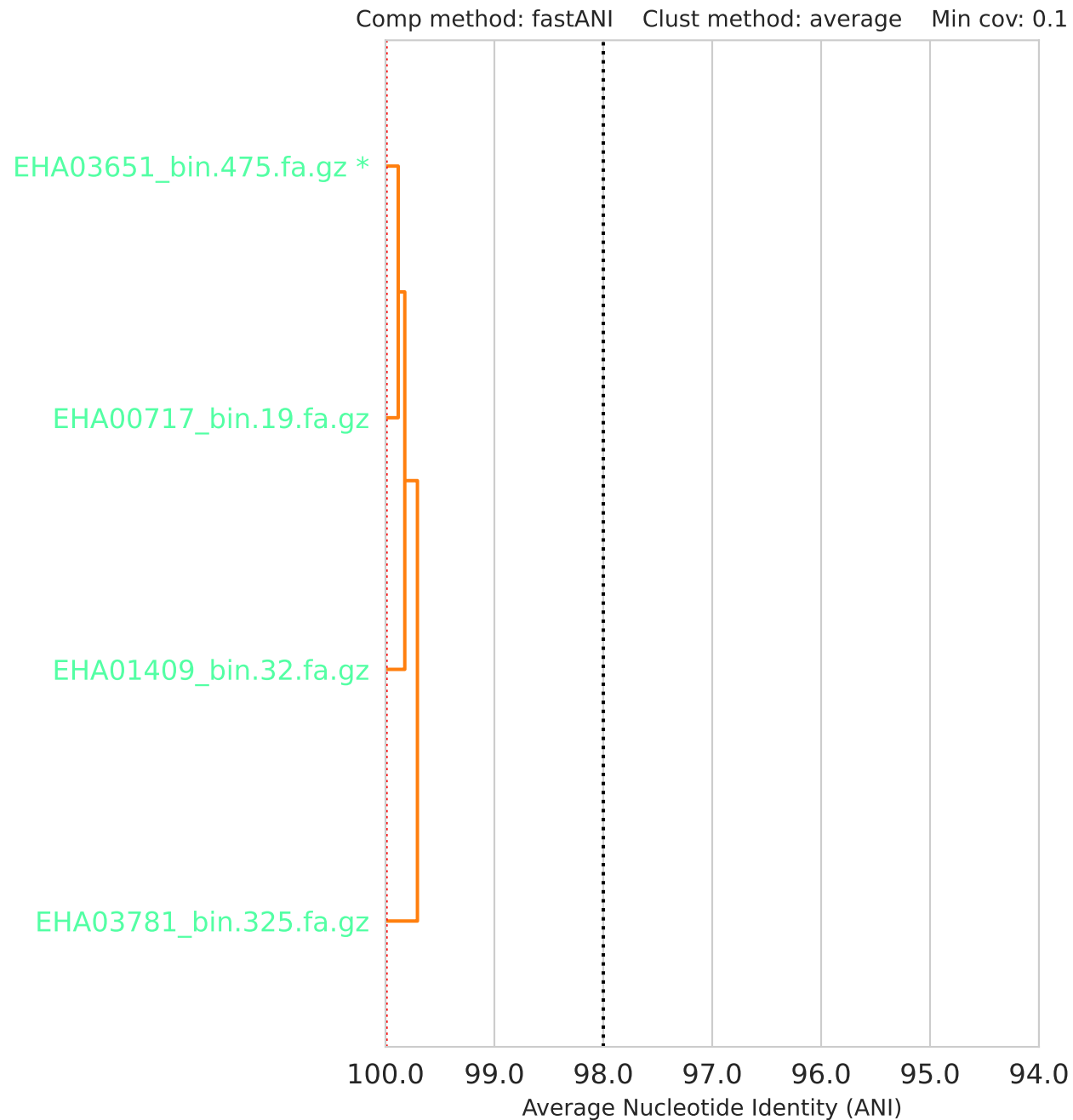


# Primary cluster 380





# Primary cluster 383



# Primary cluster 385

Comp method: fastANI

Clust method: average

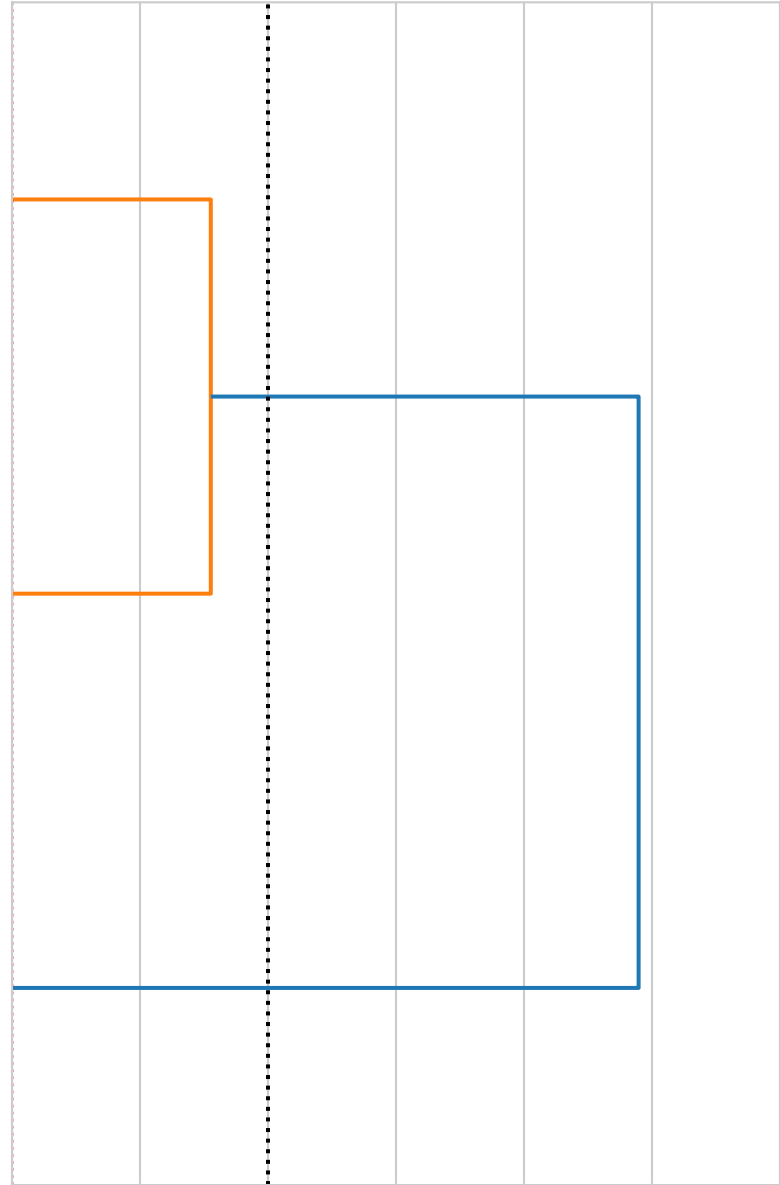
Min cov: 0.1

EHA03755\_bin.328.fa.gz

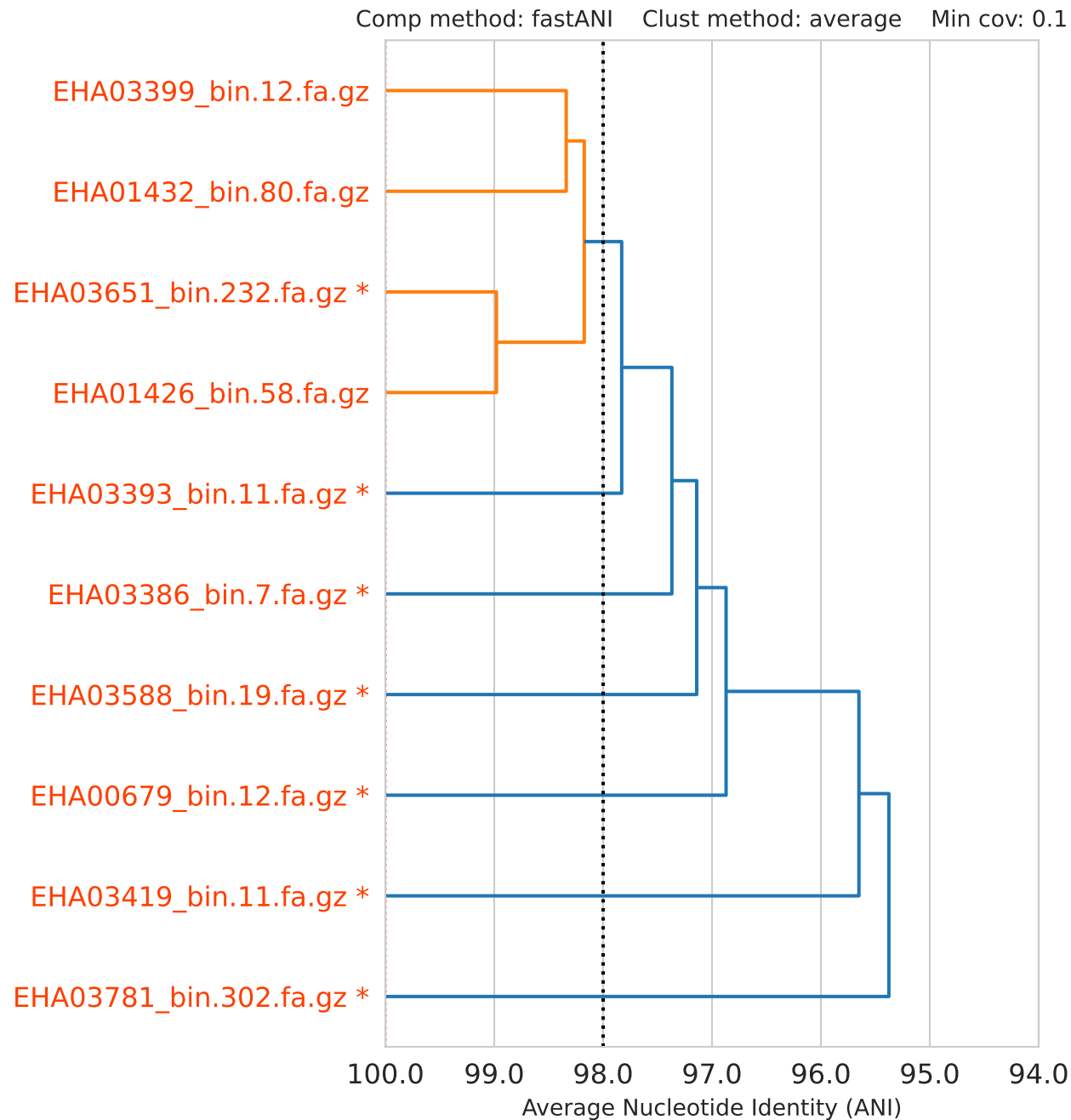
EHA03591\_bin.5.fa.gz \*

EHA03593\_bin.8.fa.gz \*

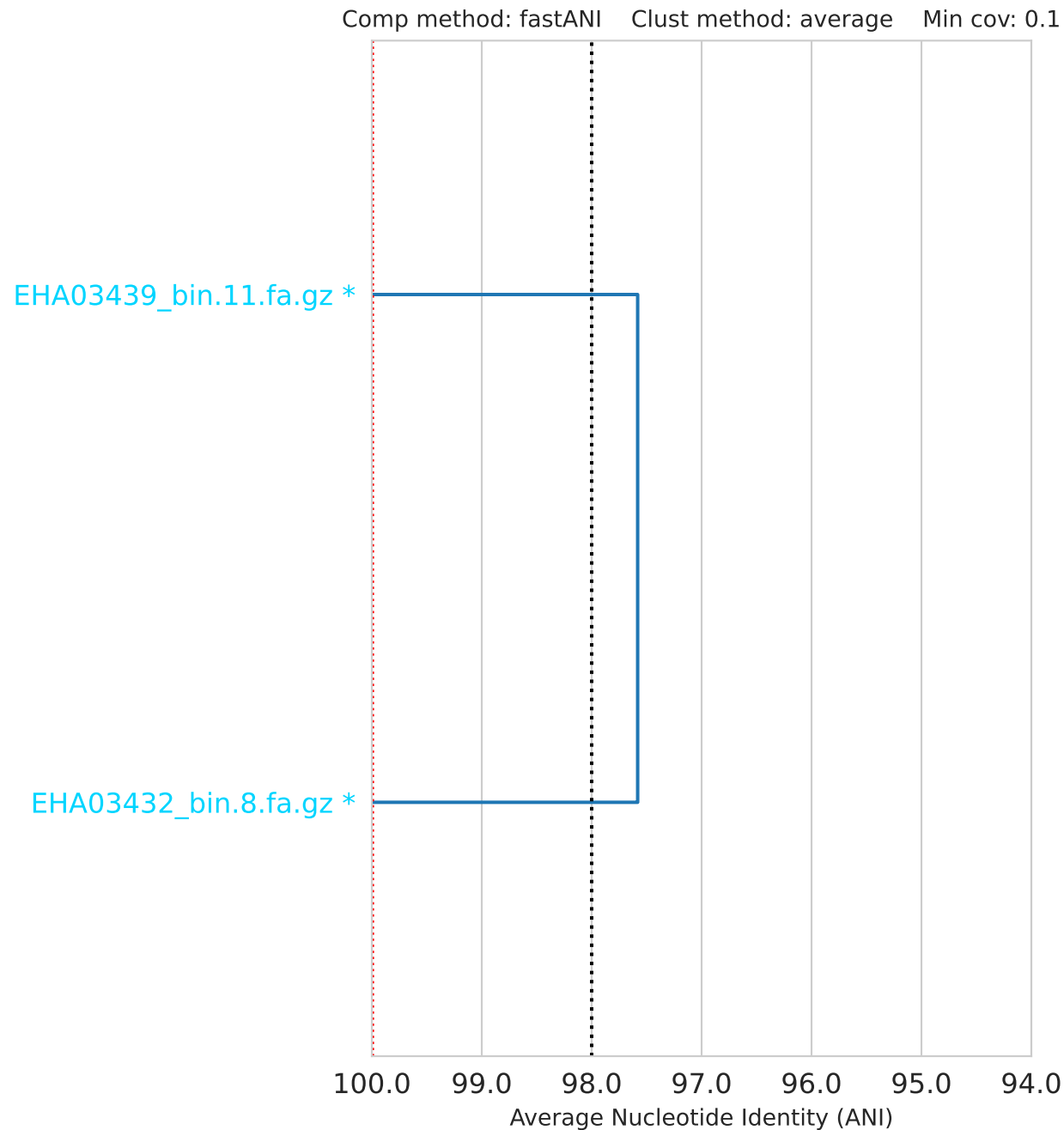
100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



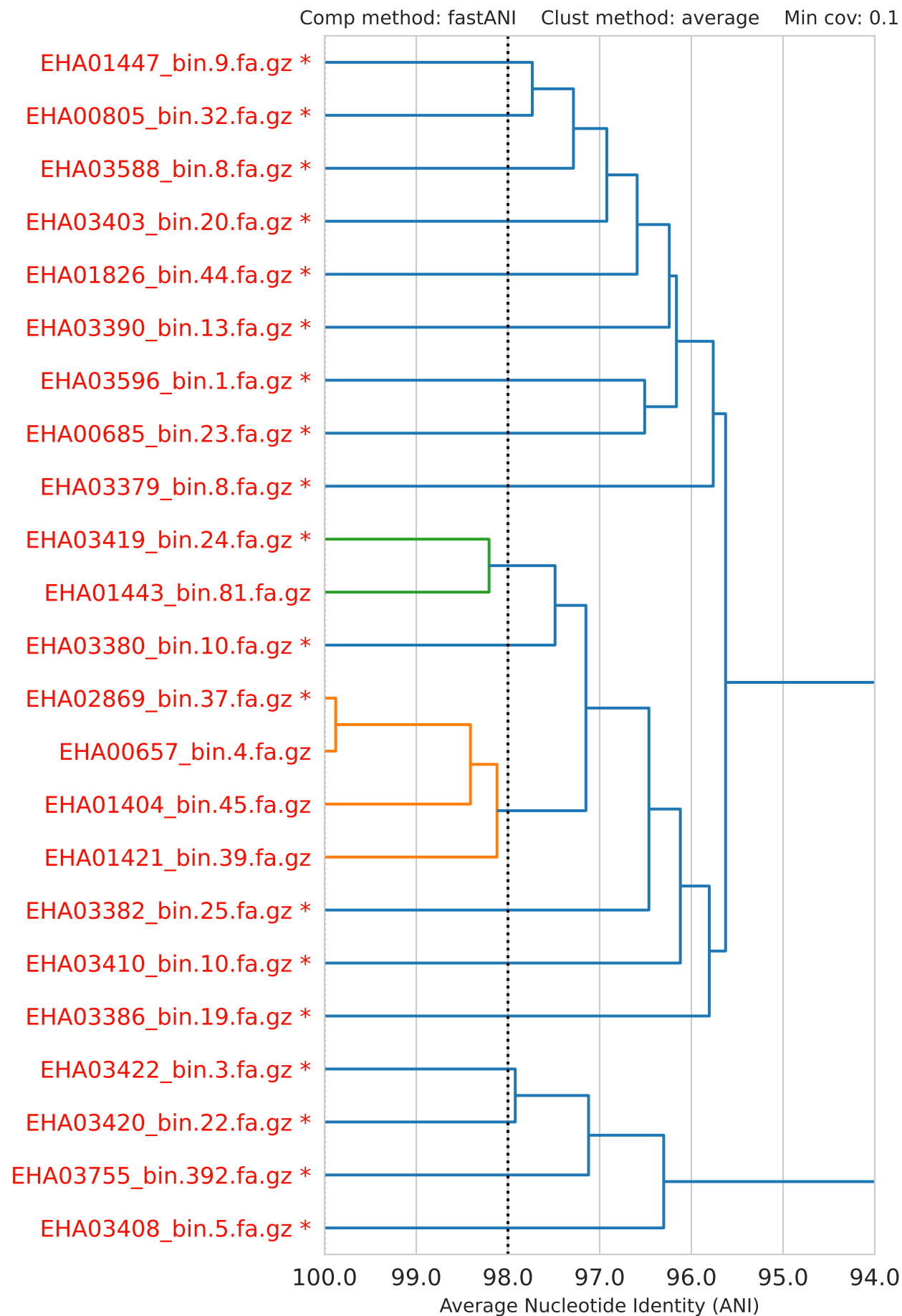
# Primary cluster 387



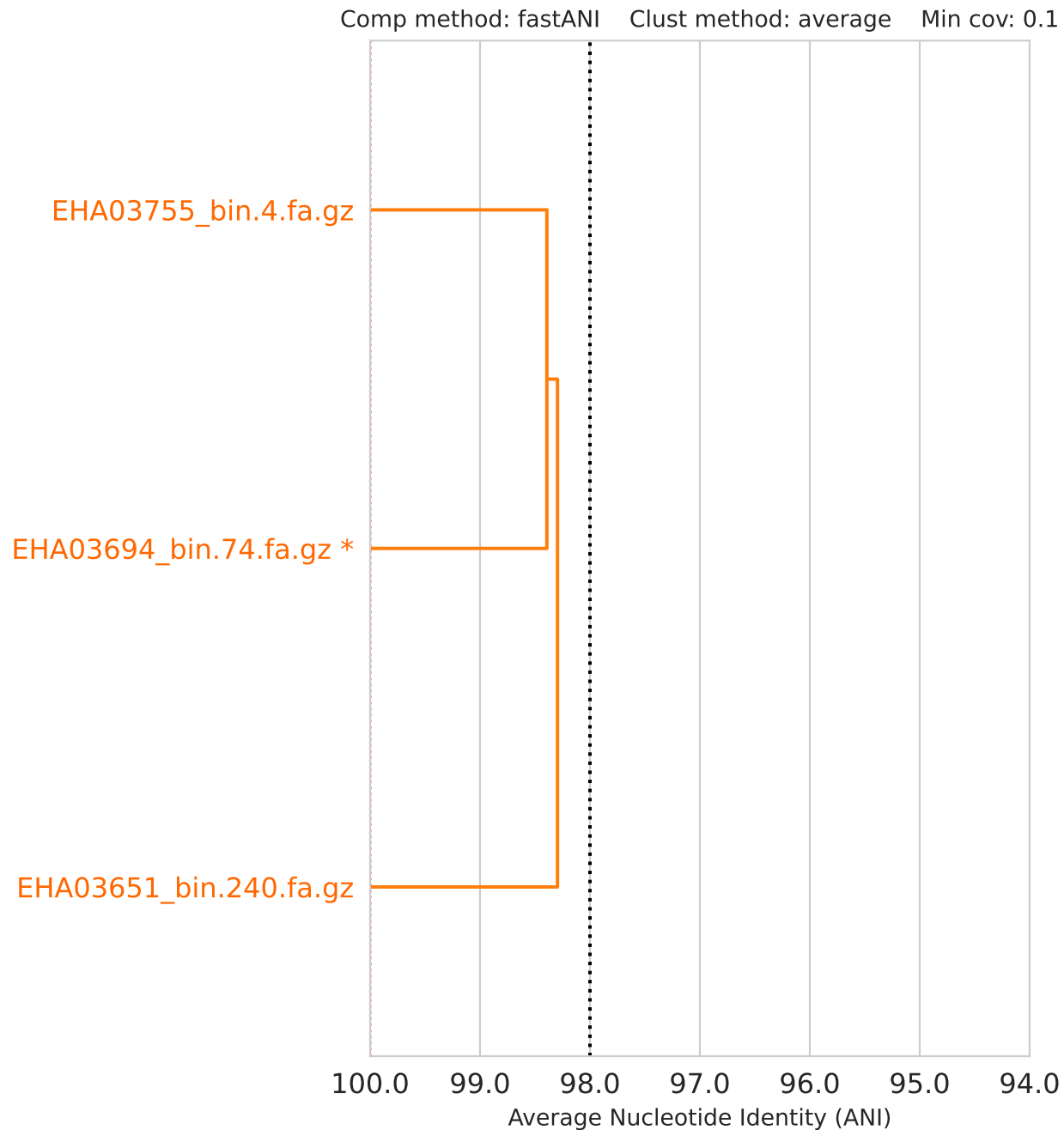
# Primary cluster 388



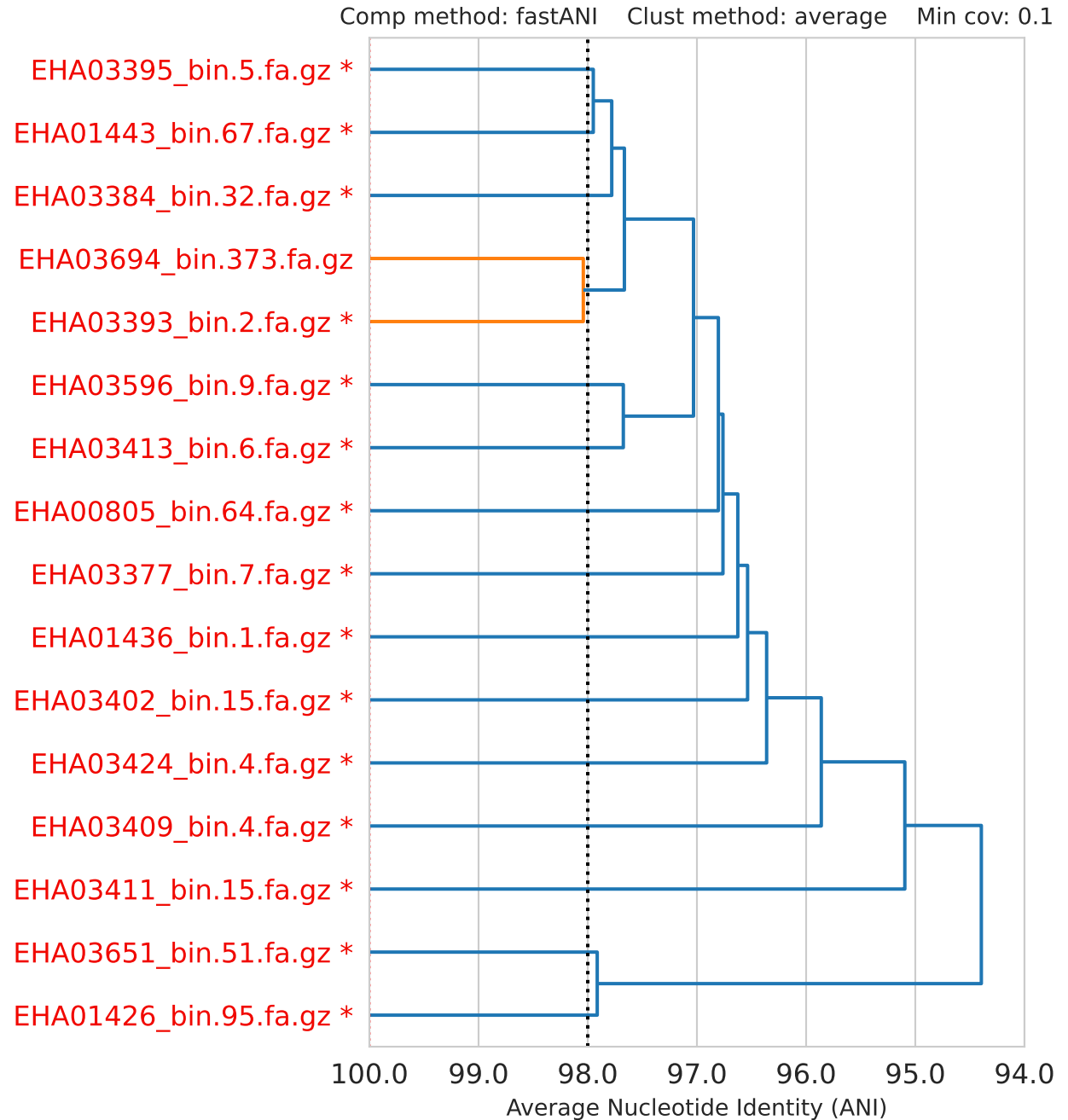
# Primary cluster 389



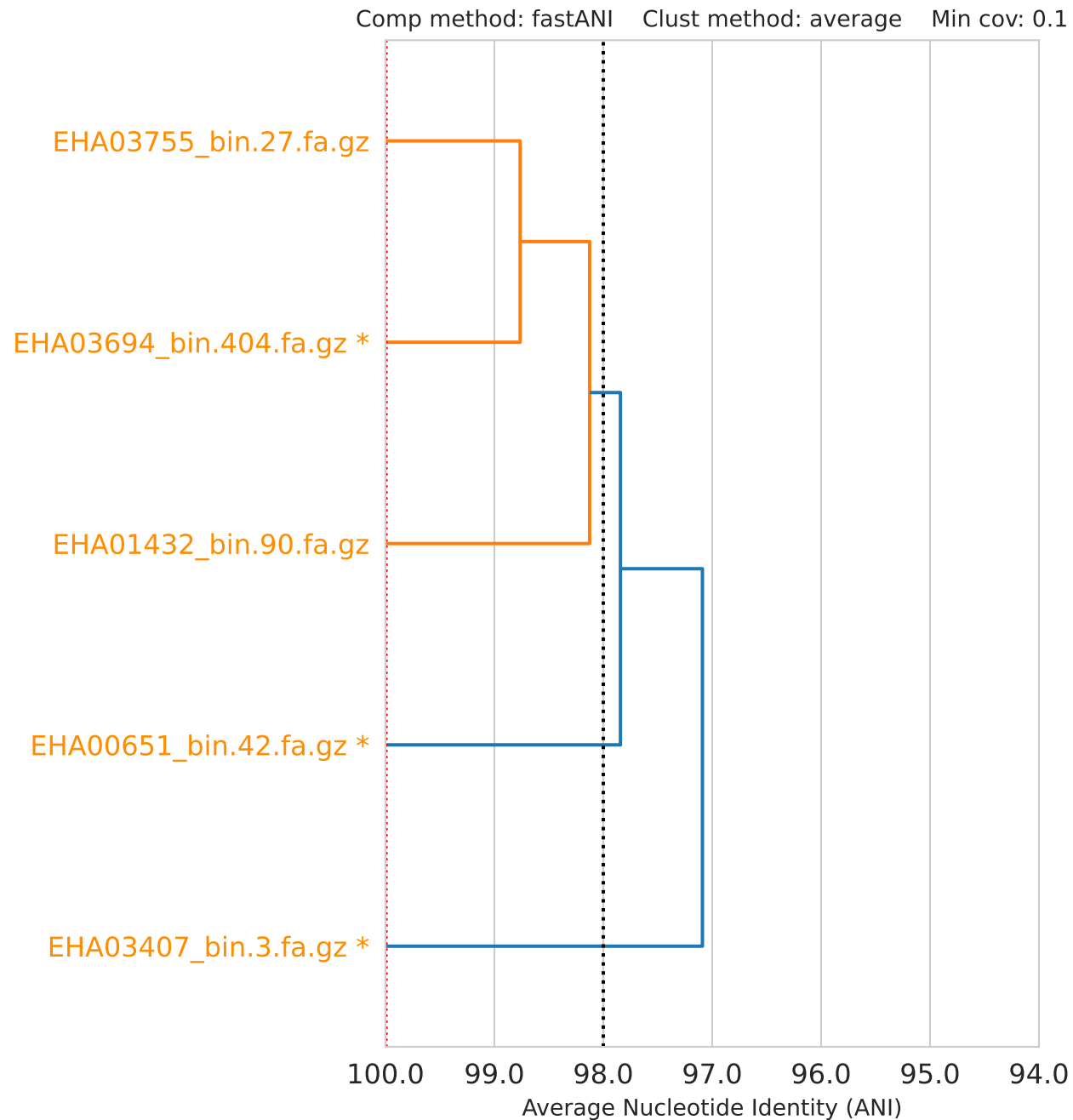
# Primary cluster 390



# Primary cluster 392

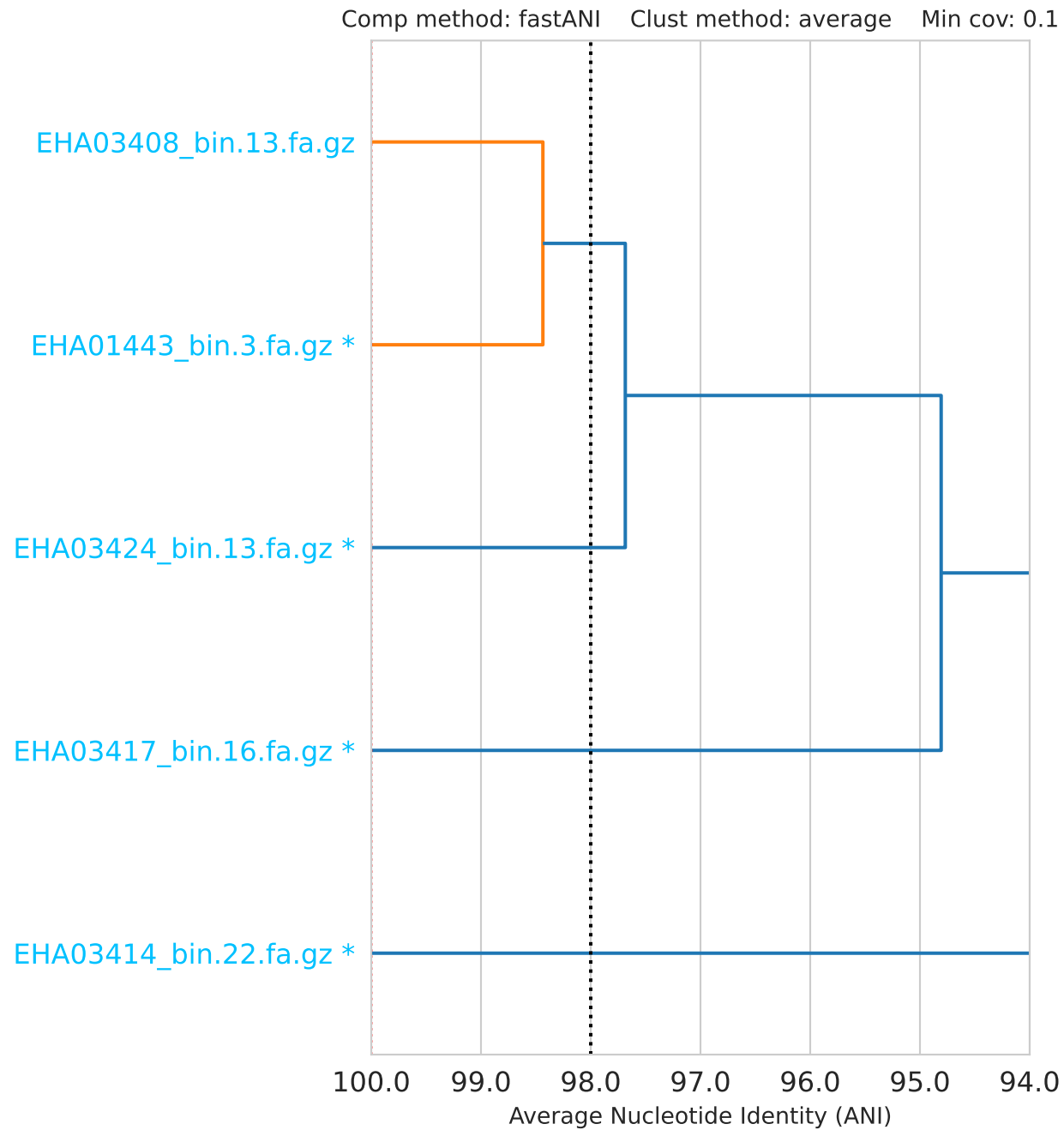


# Primary cluster 394

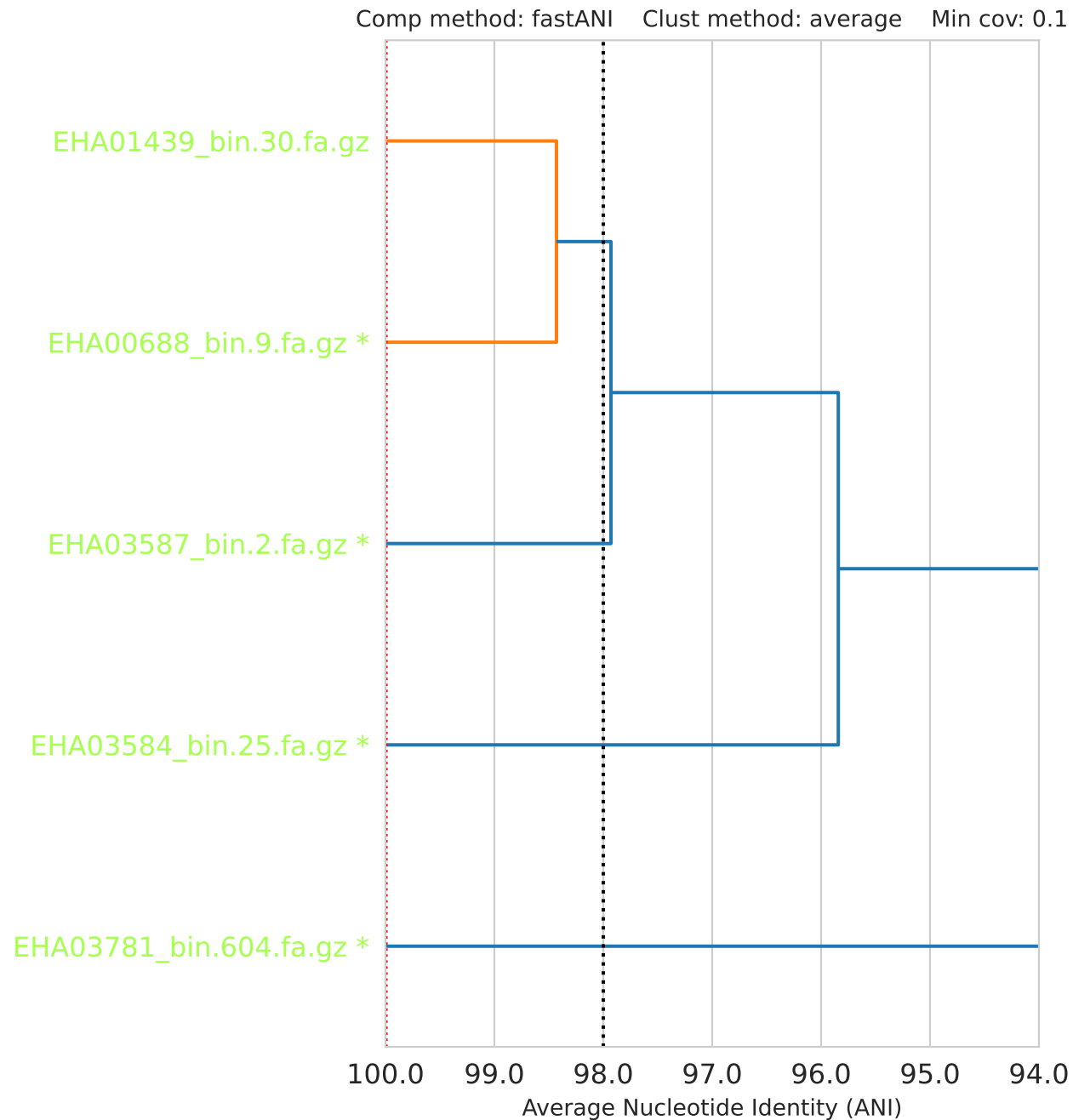




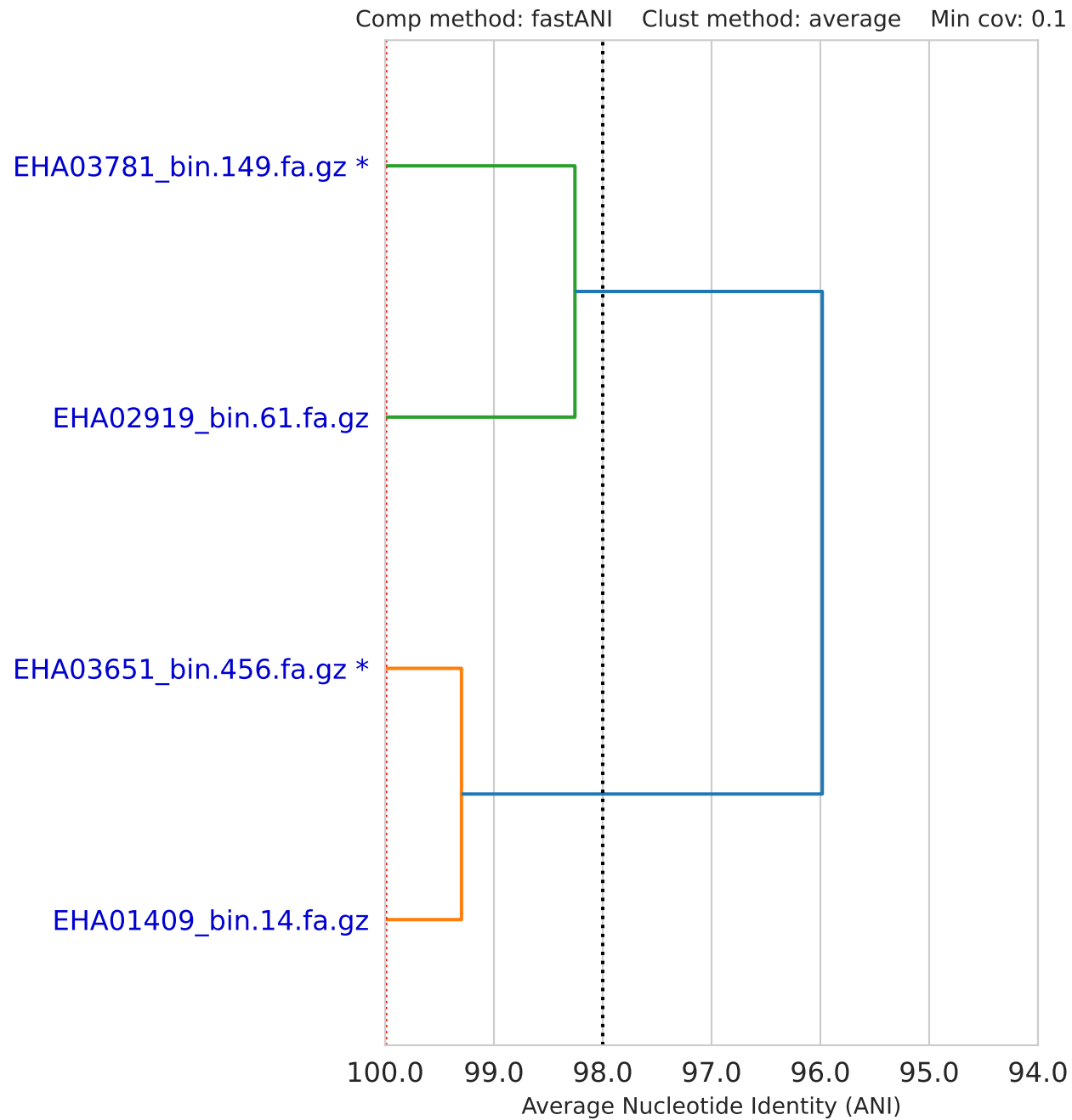
# Primary cluster 395



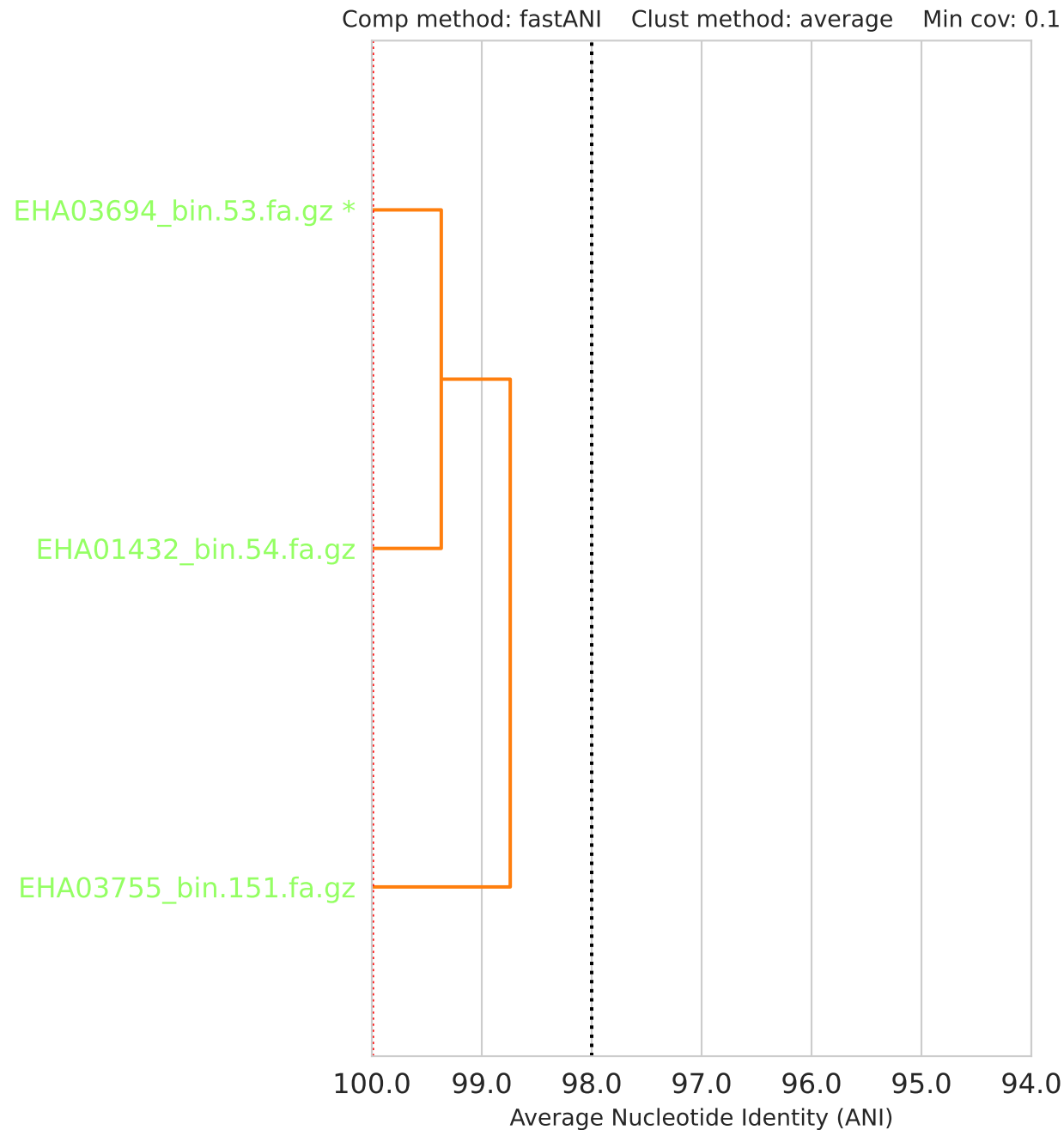
# Primary cluster 396



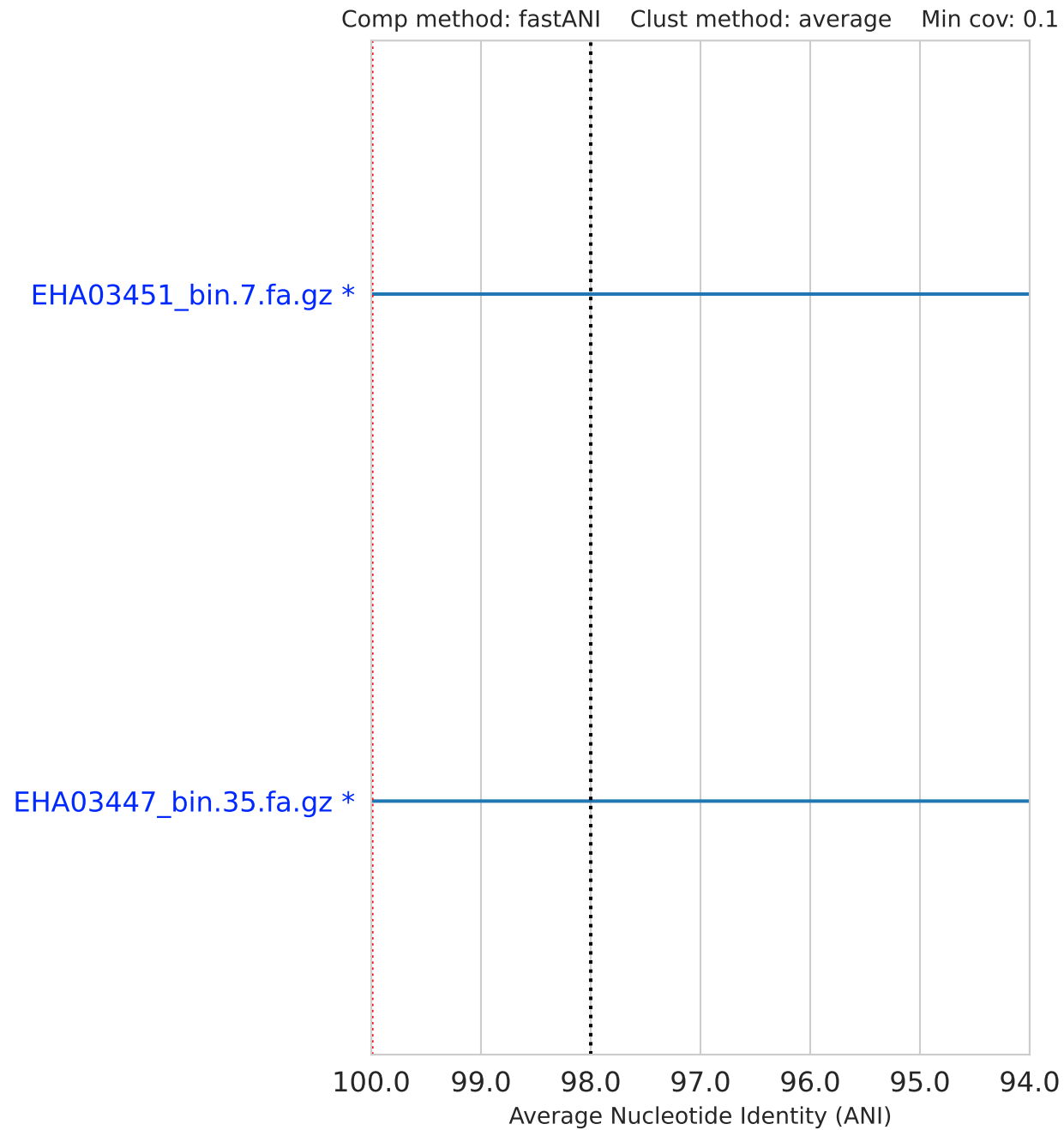
# Primary cluster 397



# Primary cluster 399



# Primary cluster 402



# Primary cluster 403

Comp method: fastANI

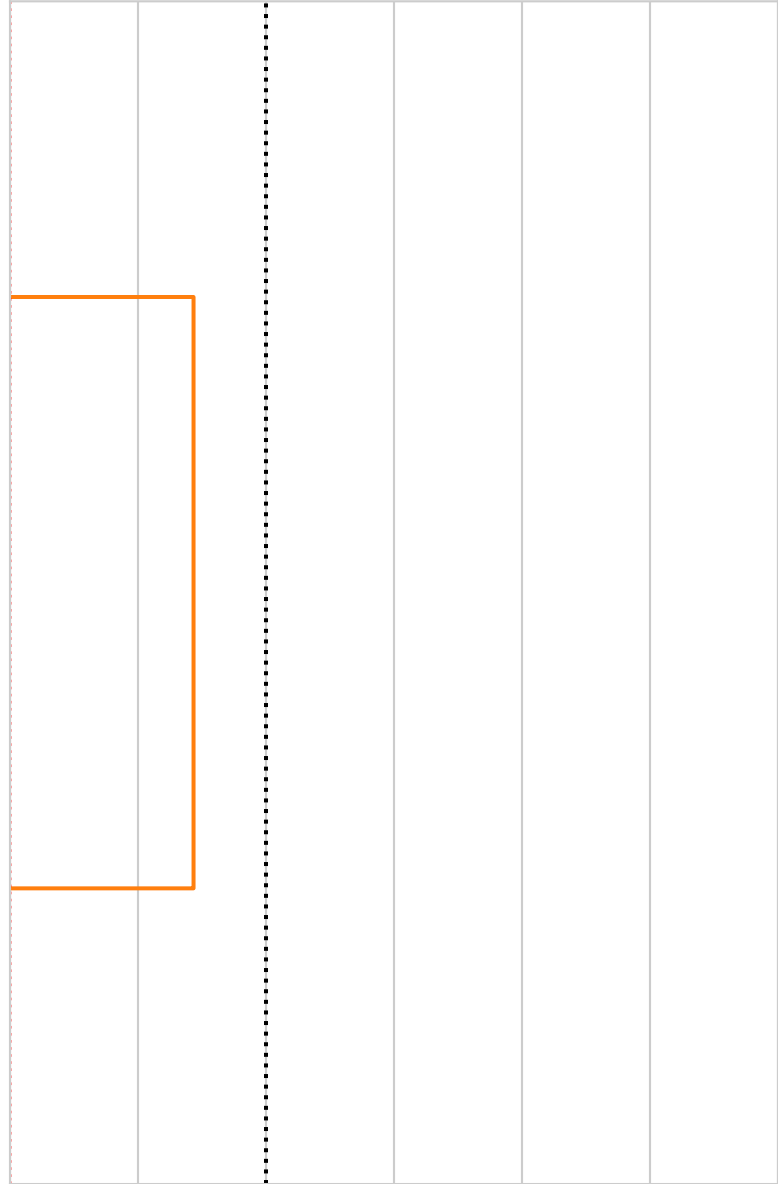
Clust method: average

Min cov: 0.1

EHA03755\_bin.184.fa.gz

EHA03694\_bin.158.fa.gz \*

100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



# Primary cluster 404

Comp method: fastANI

Clust method: average

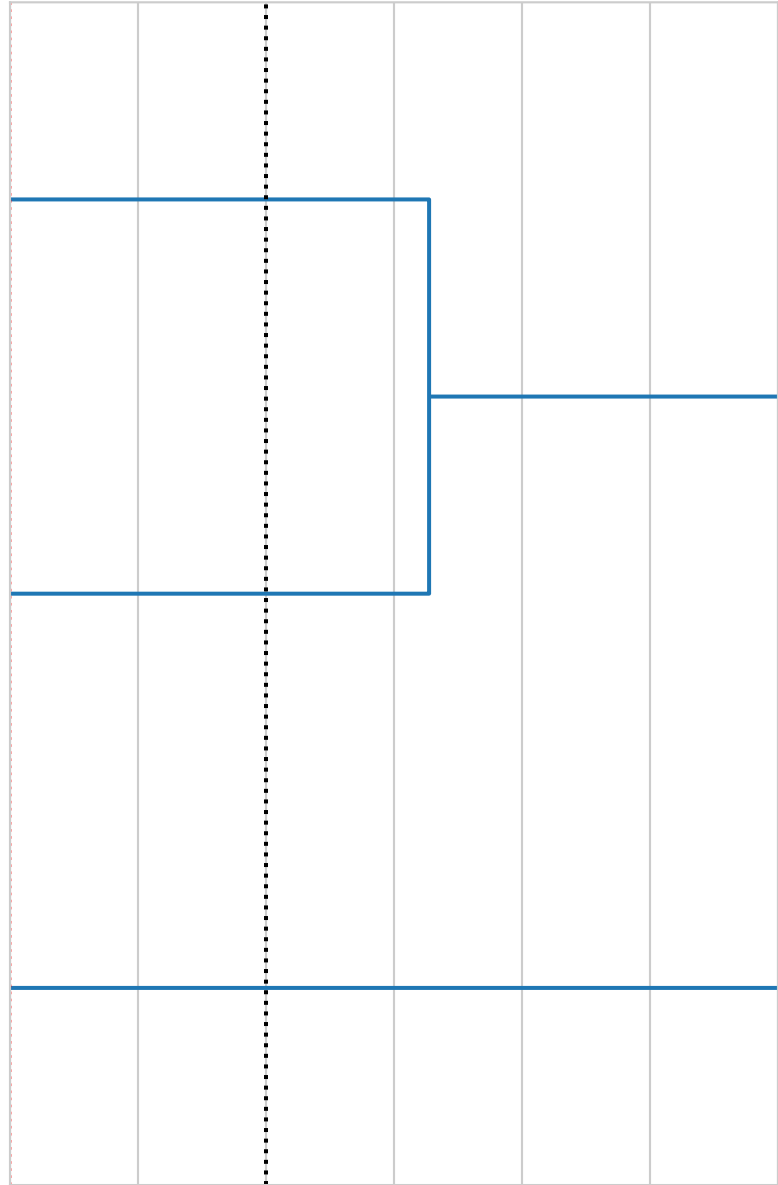
Min cov: 0.1

EHA03781\_bin.417.fa.gz \*

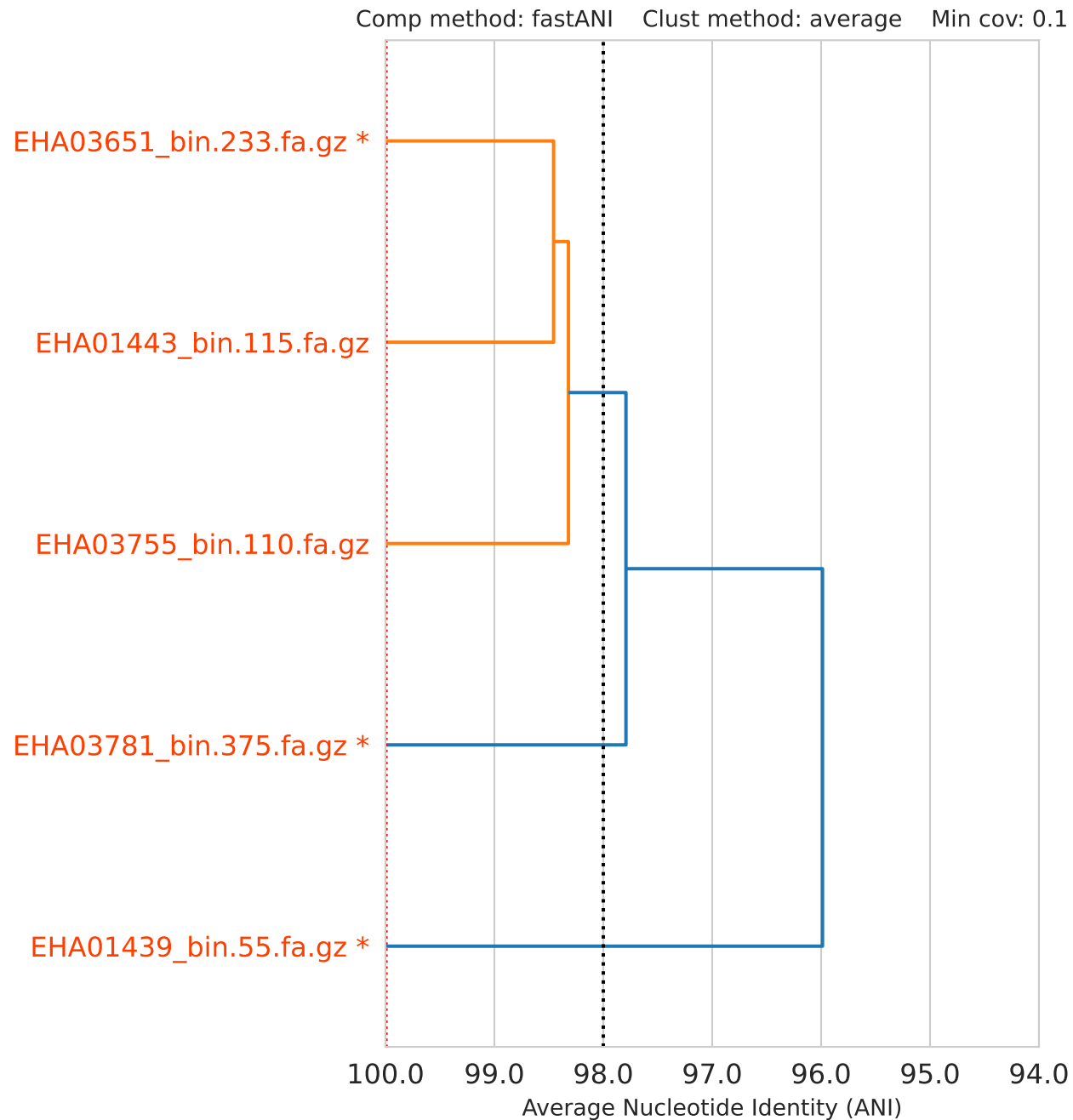
EHA03651\_bin.435.fa.gz \*

EHA03694\_bin.495.fa.gz \*

100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)

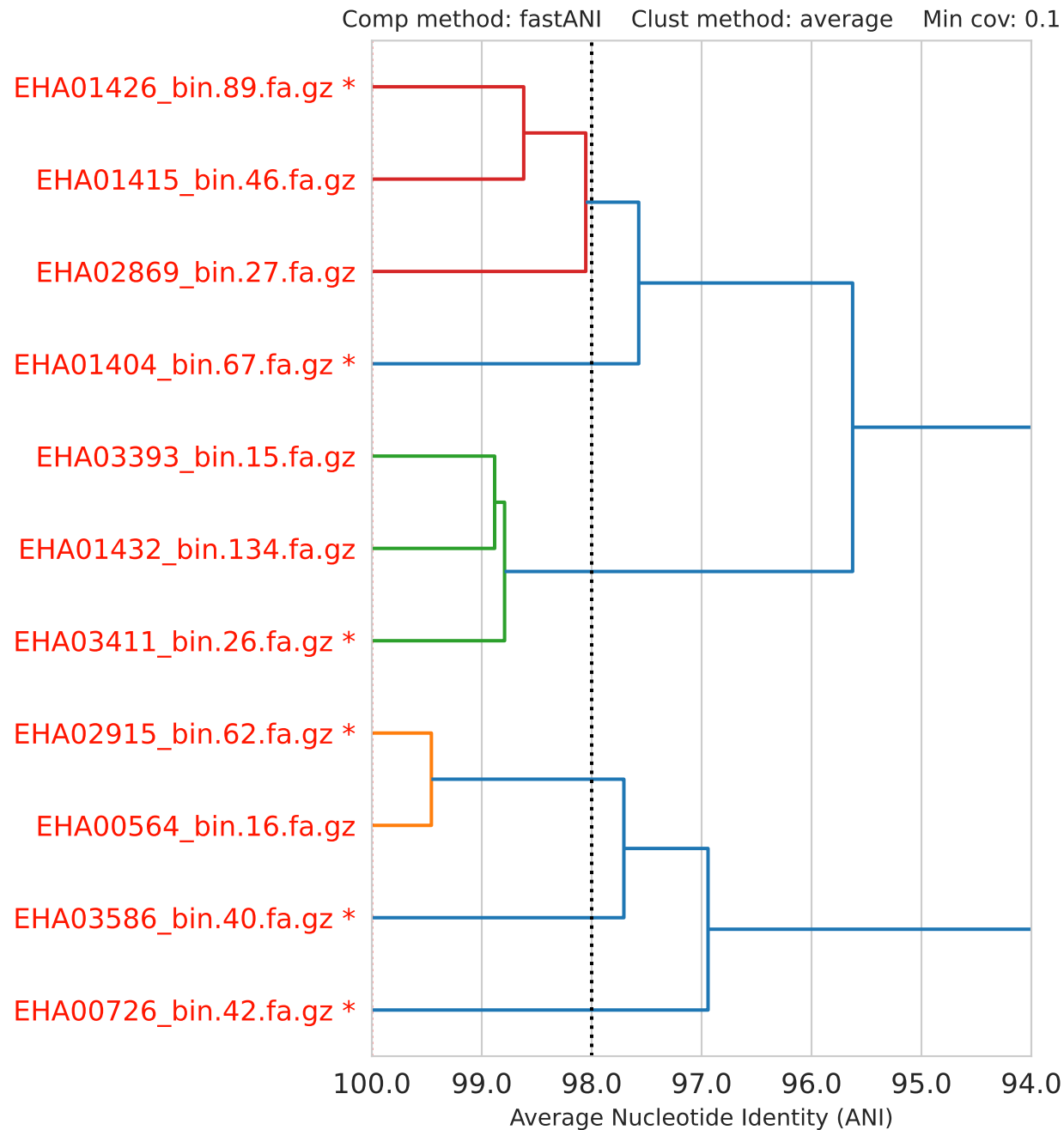


# Primary cluster 405

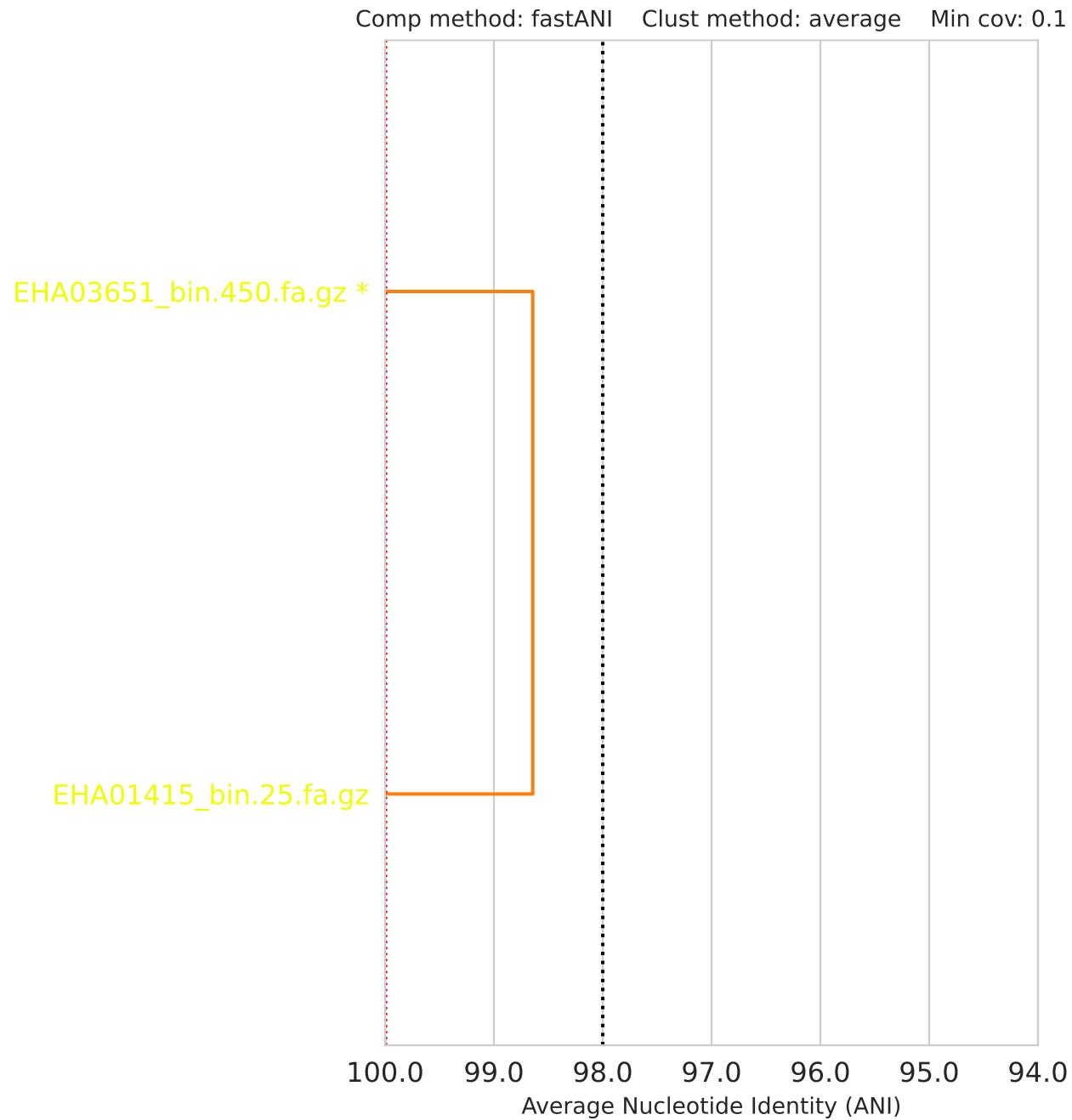




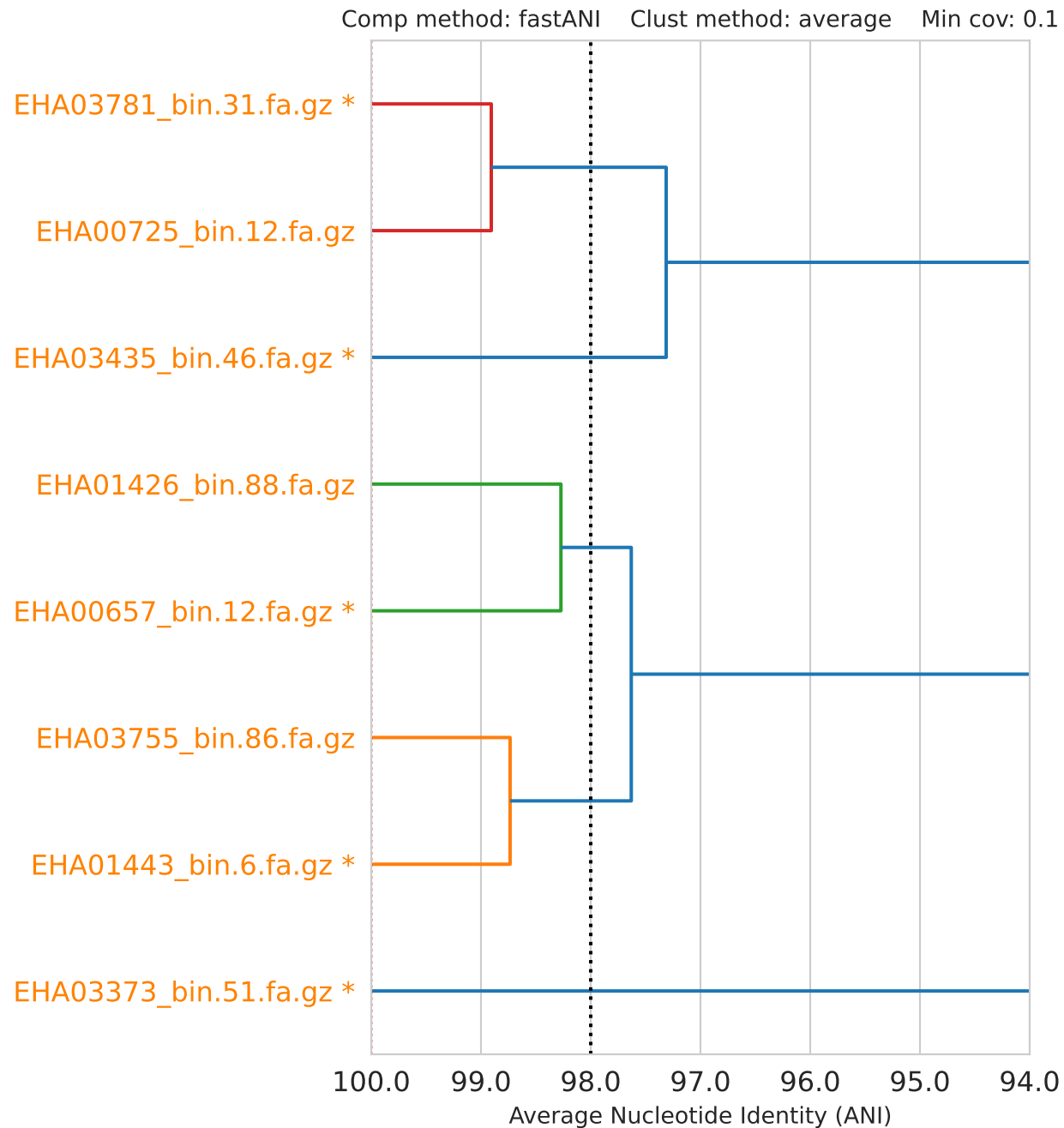
# Primary cluster 406



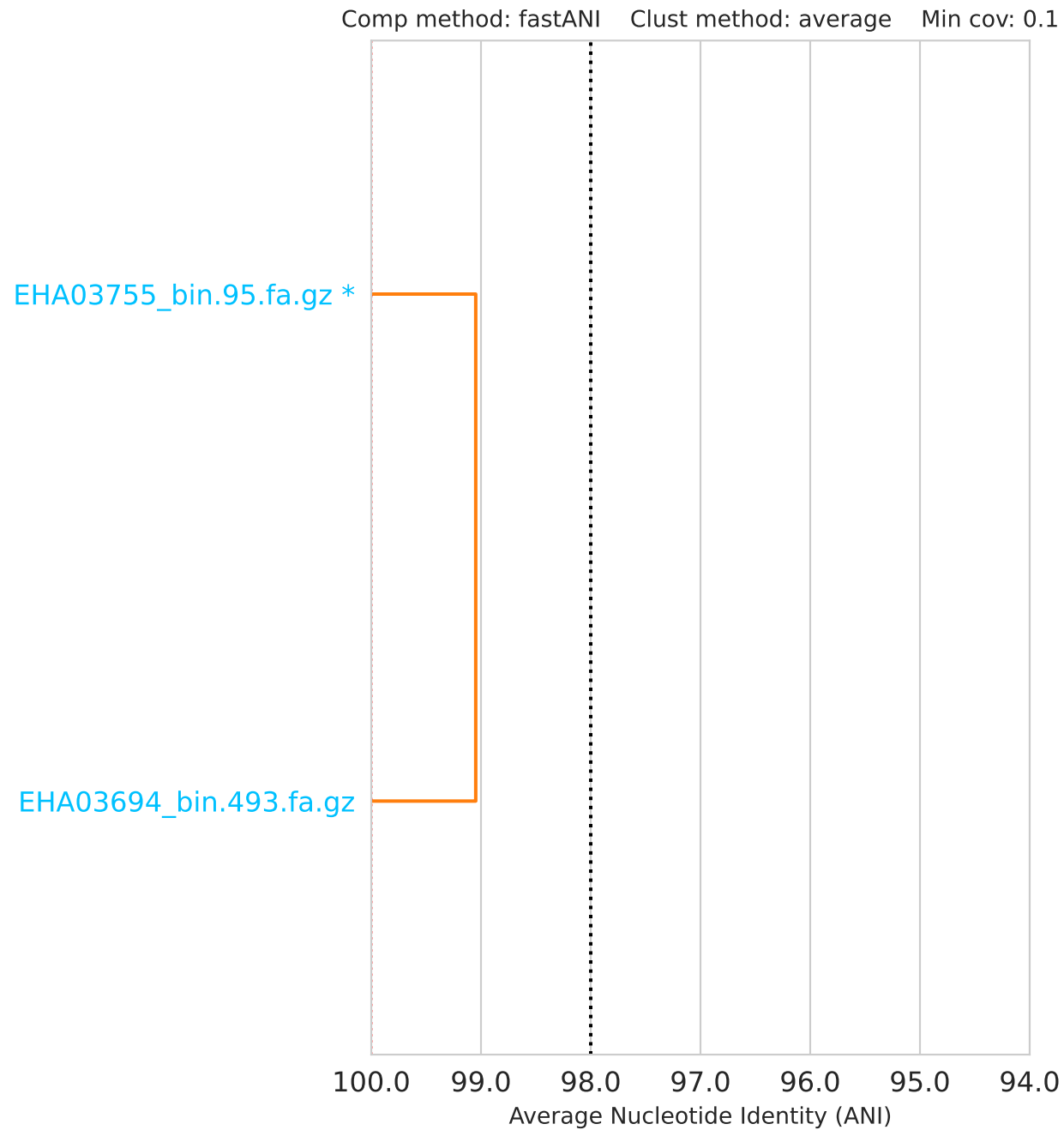
# Primary cluster 407



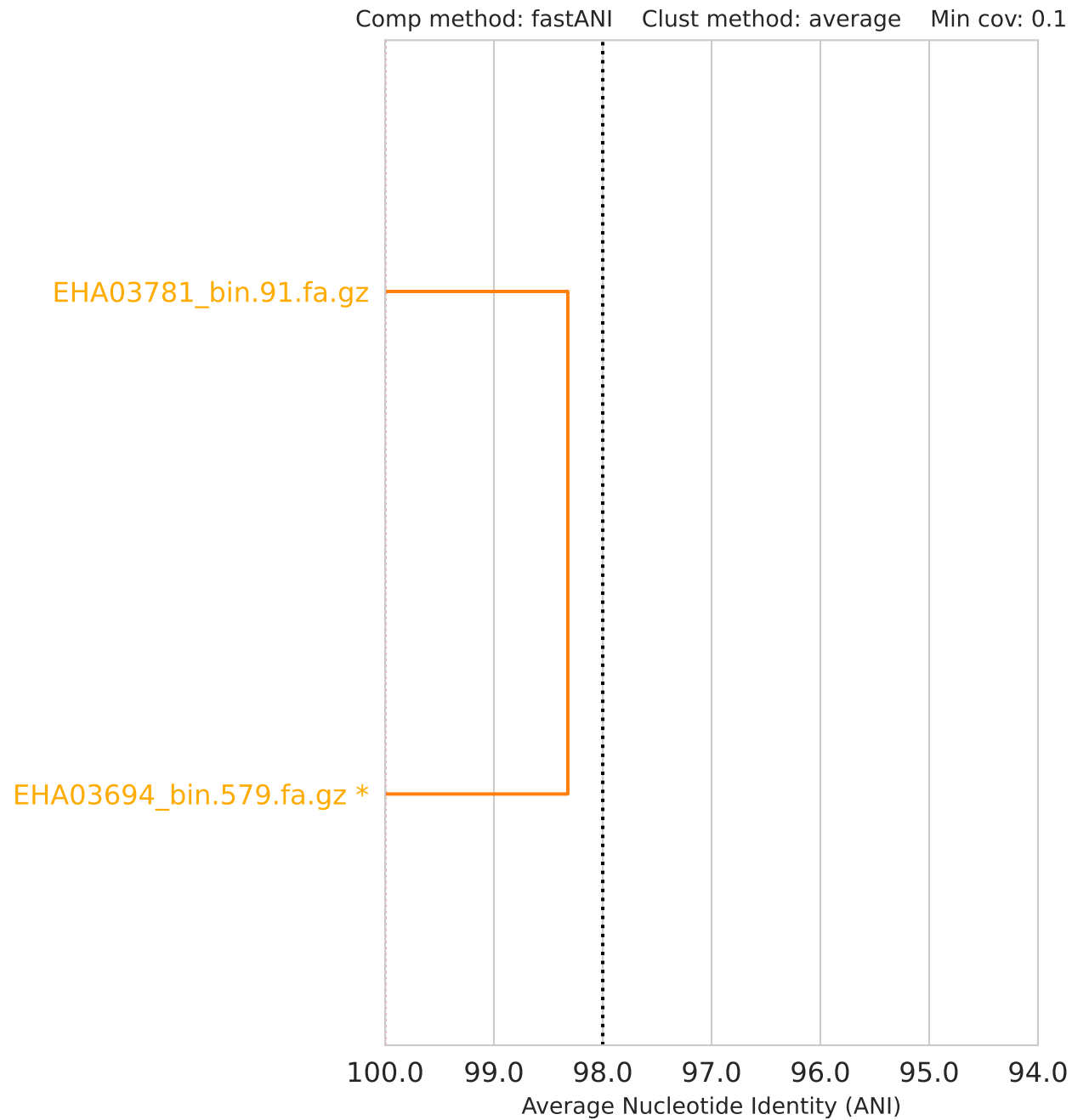
# Primary cluster 408



# Primary cluster 409



# Primary cluster 411



# Primary cluster 412

Comp method: fastANI

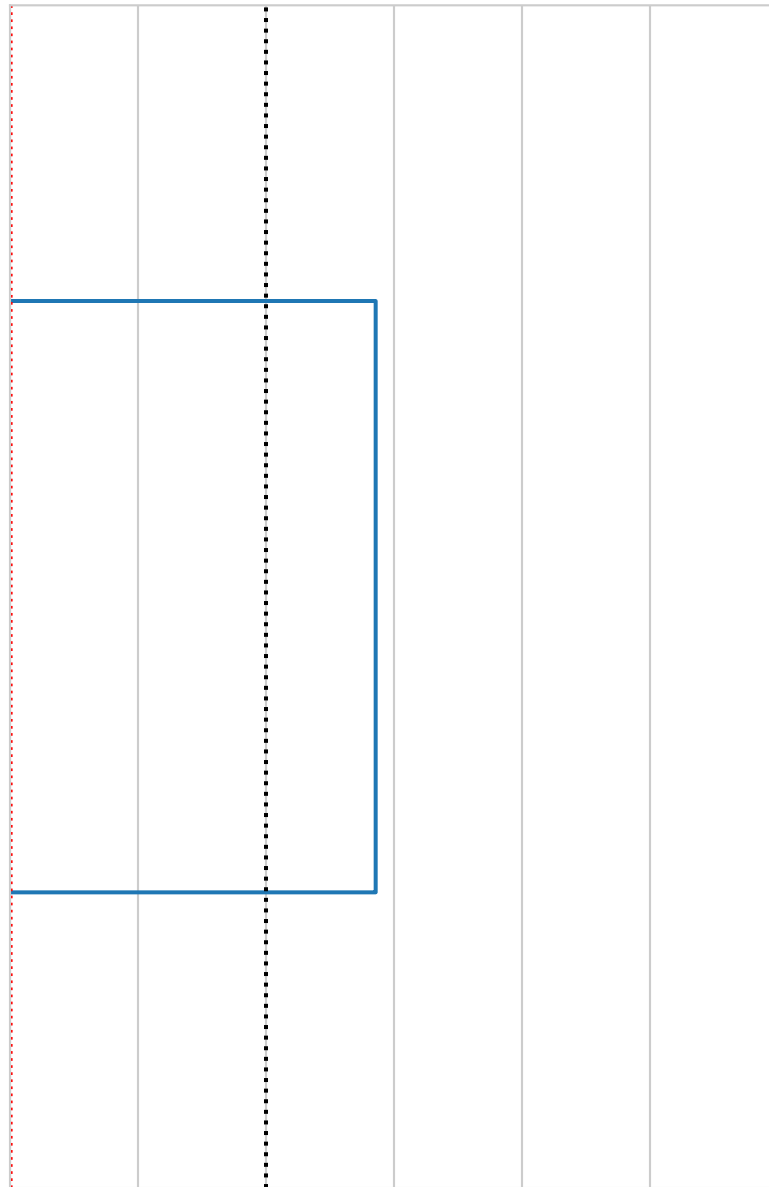
Clust method: average

Min cov: 0.1

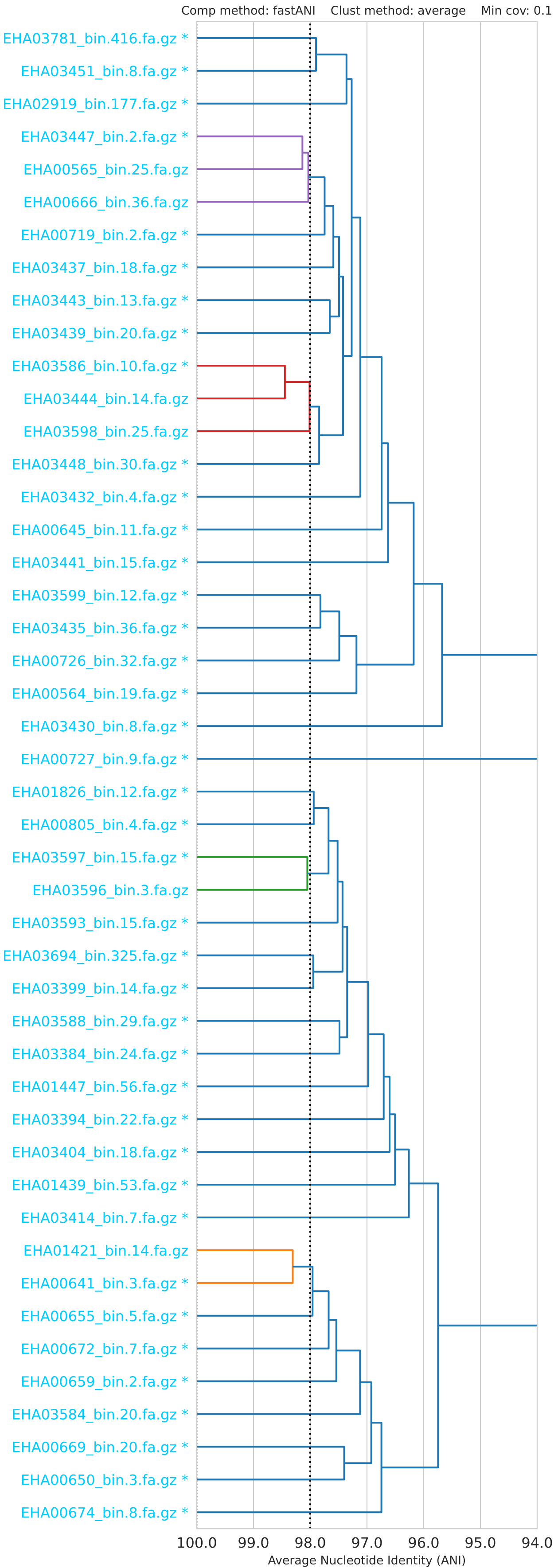
EHA03781\_bin.364.fa.gz \*

EHA01404\_bin.132.fa.gz \*

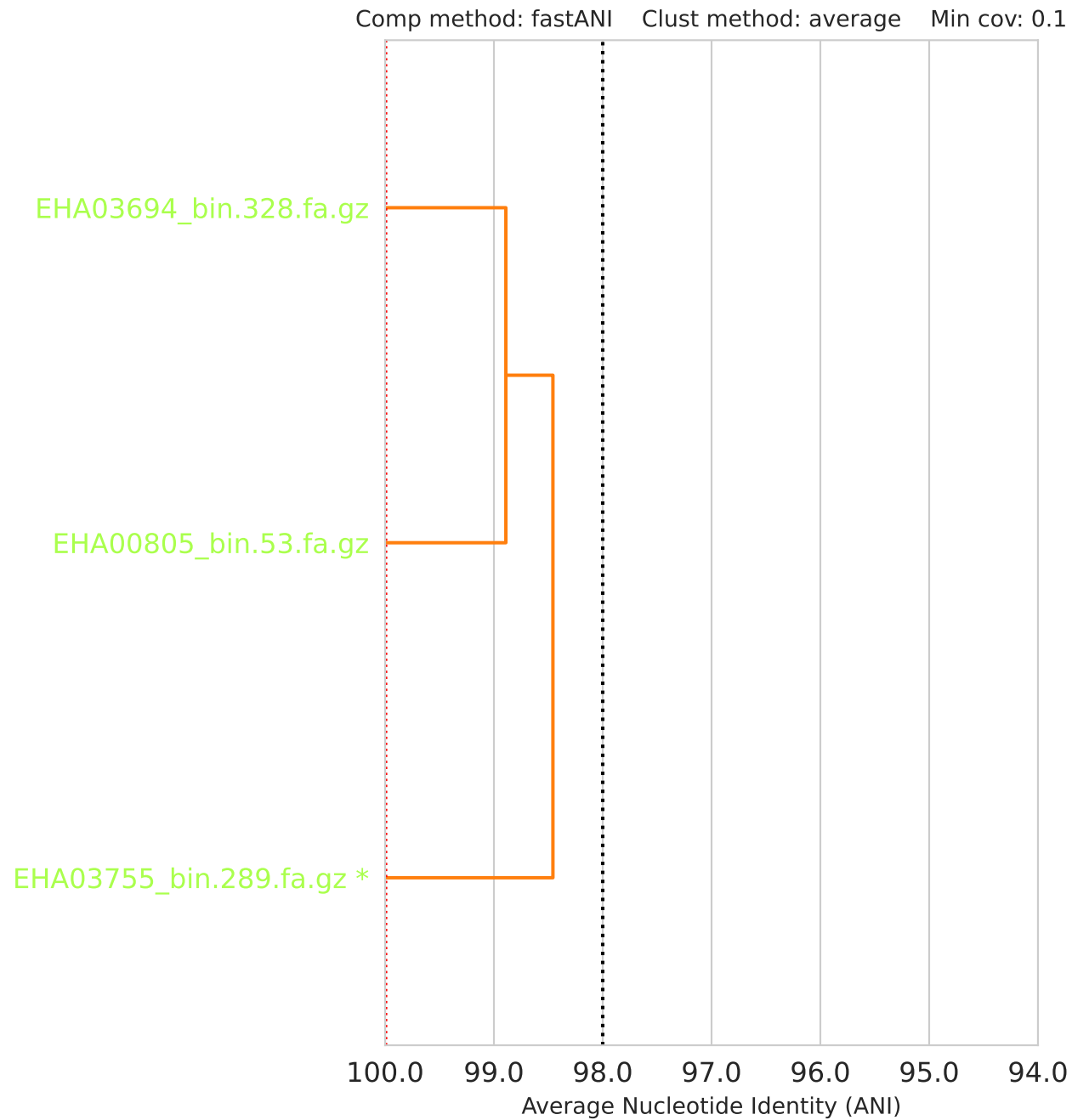
100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



Primary cluster 413



# Primary cluster 415





# Primary cluster 416

Comp method: fastANI

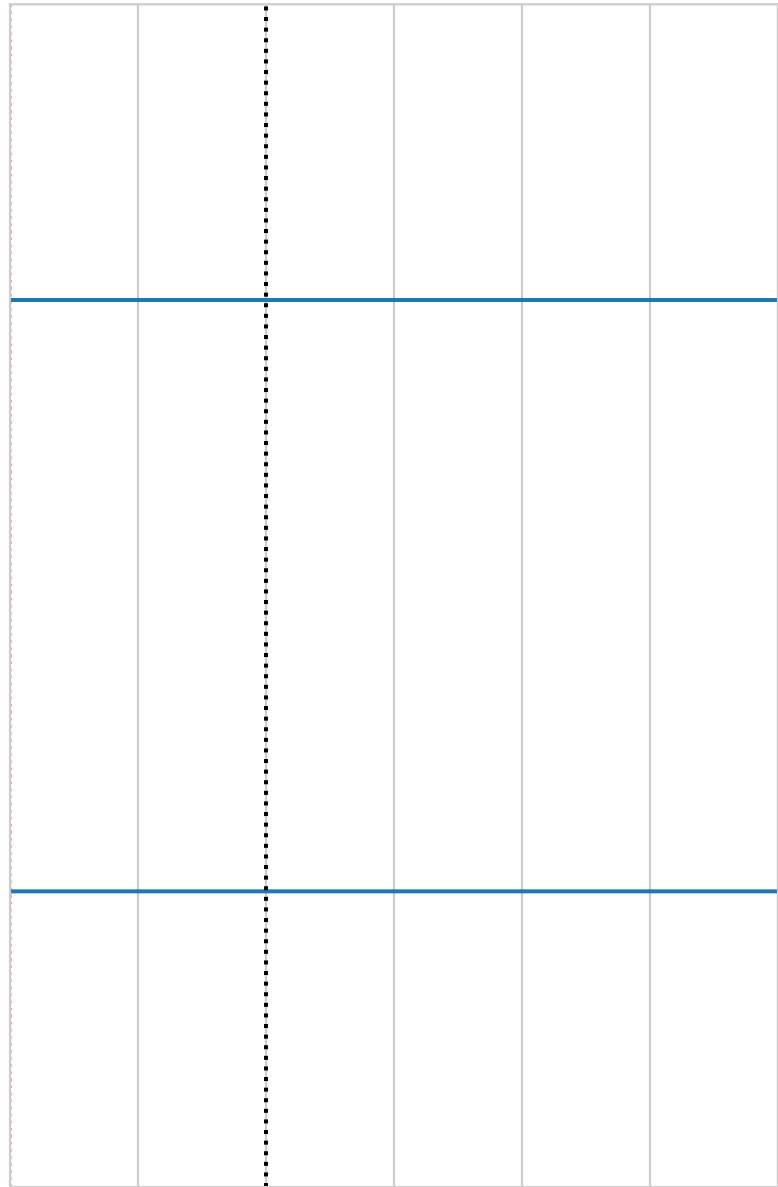
Clust method: average

Min cov: 0.1

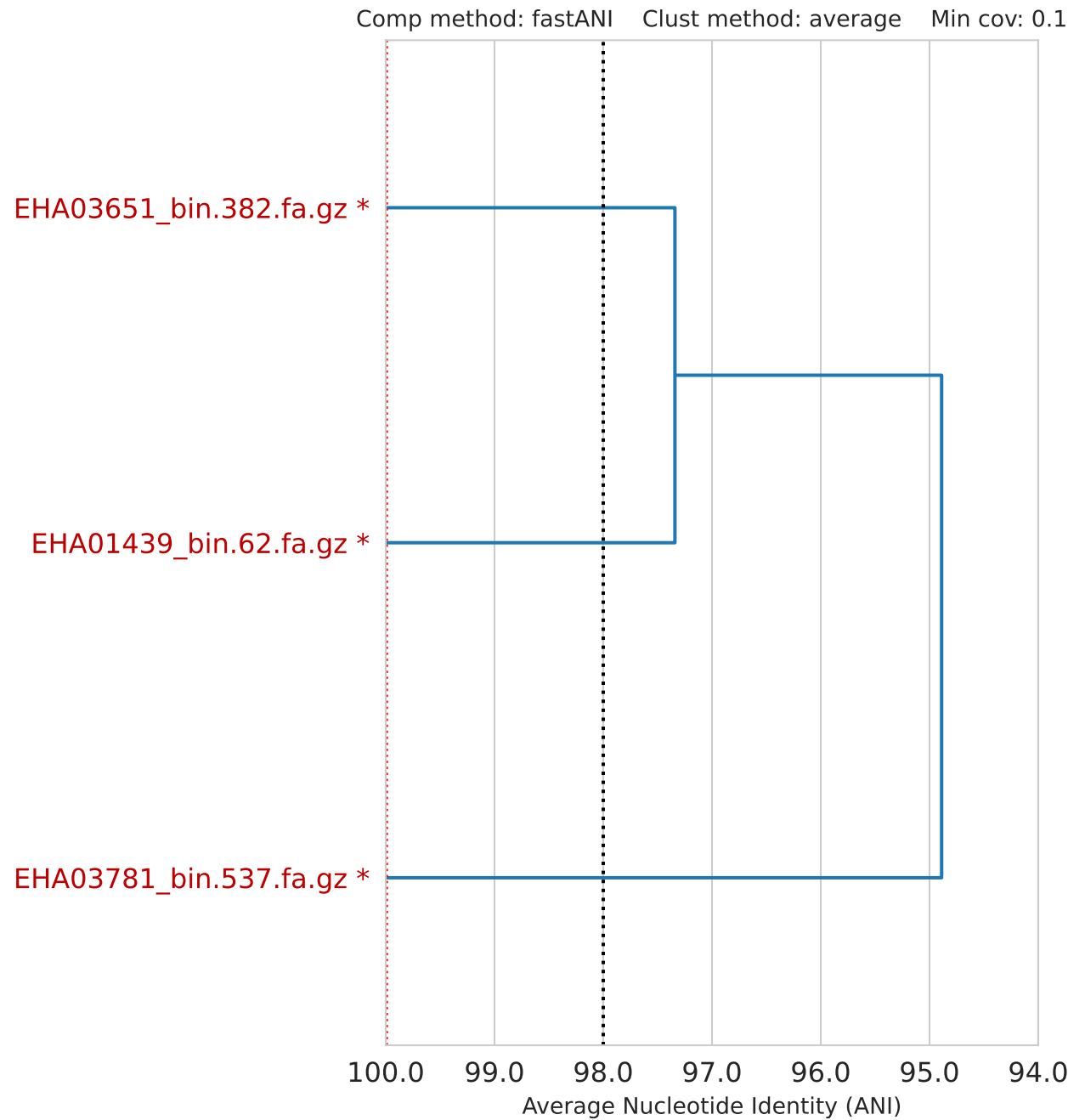
EHA03781\_bin.300.fa.gz \*

EHA03694\_bin.443.fa.gz \*

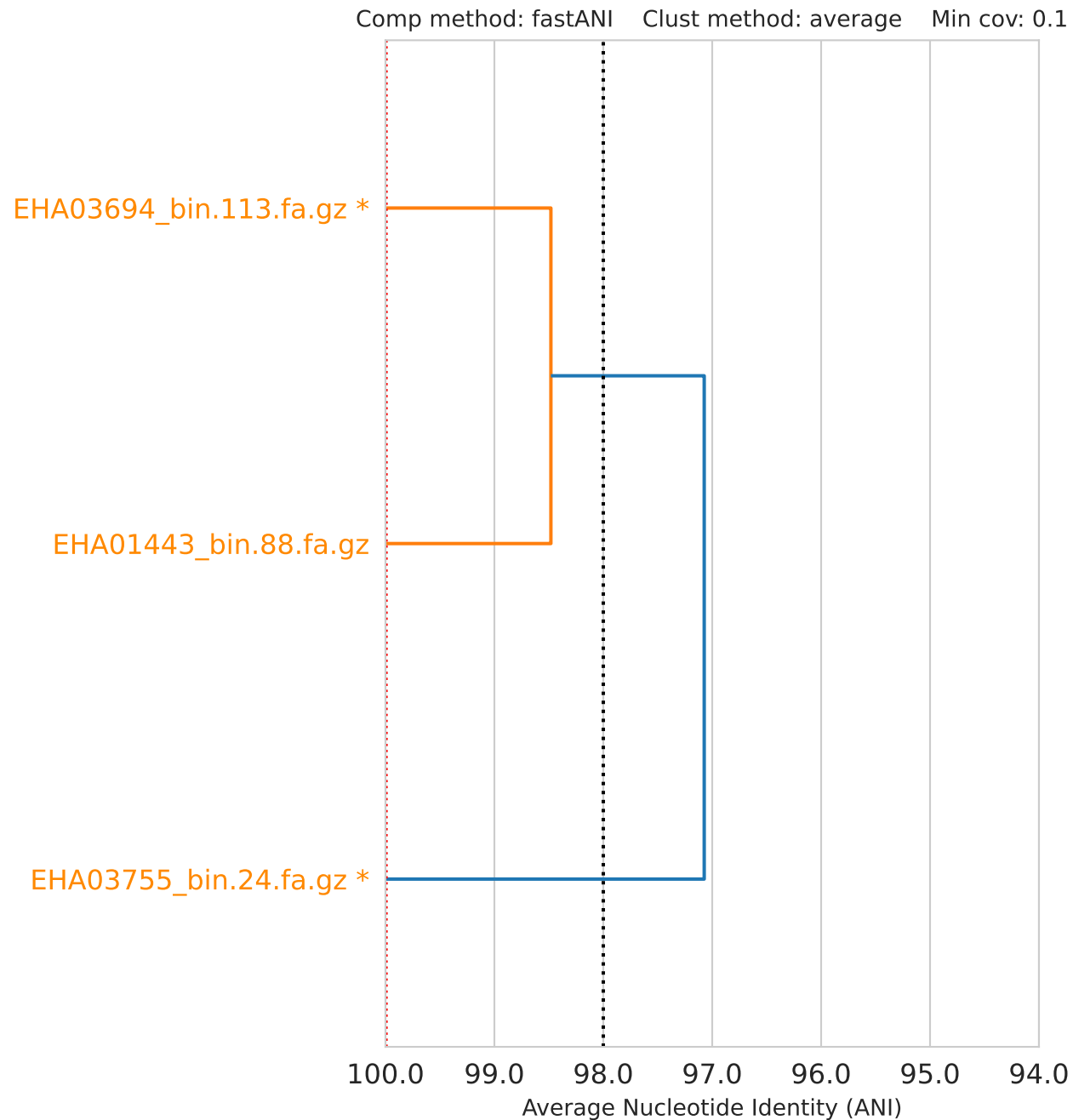
100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



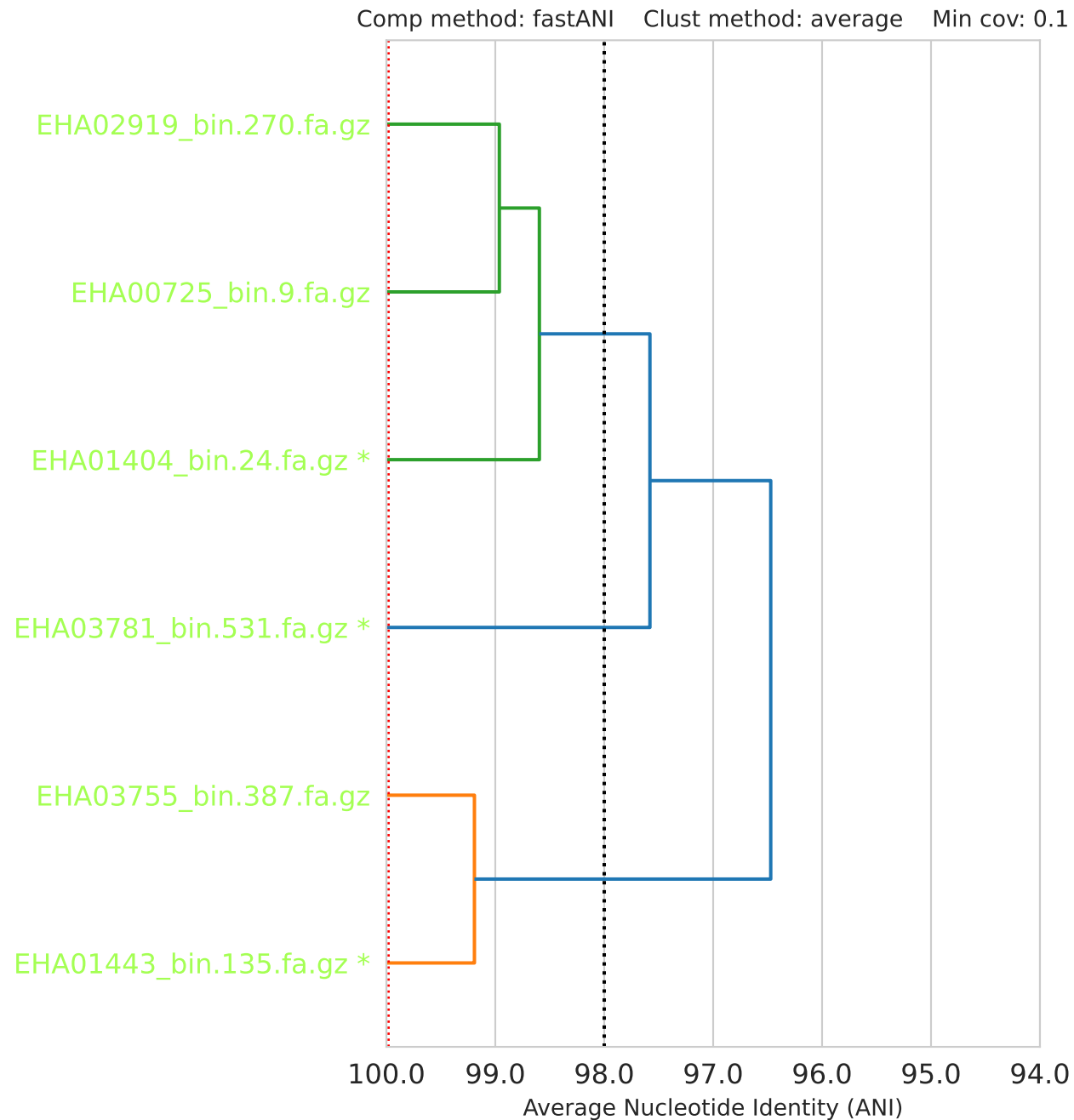
# Primary cluster 419



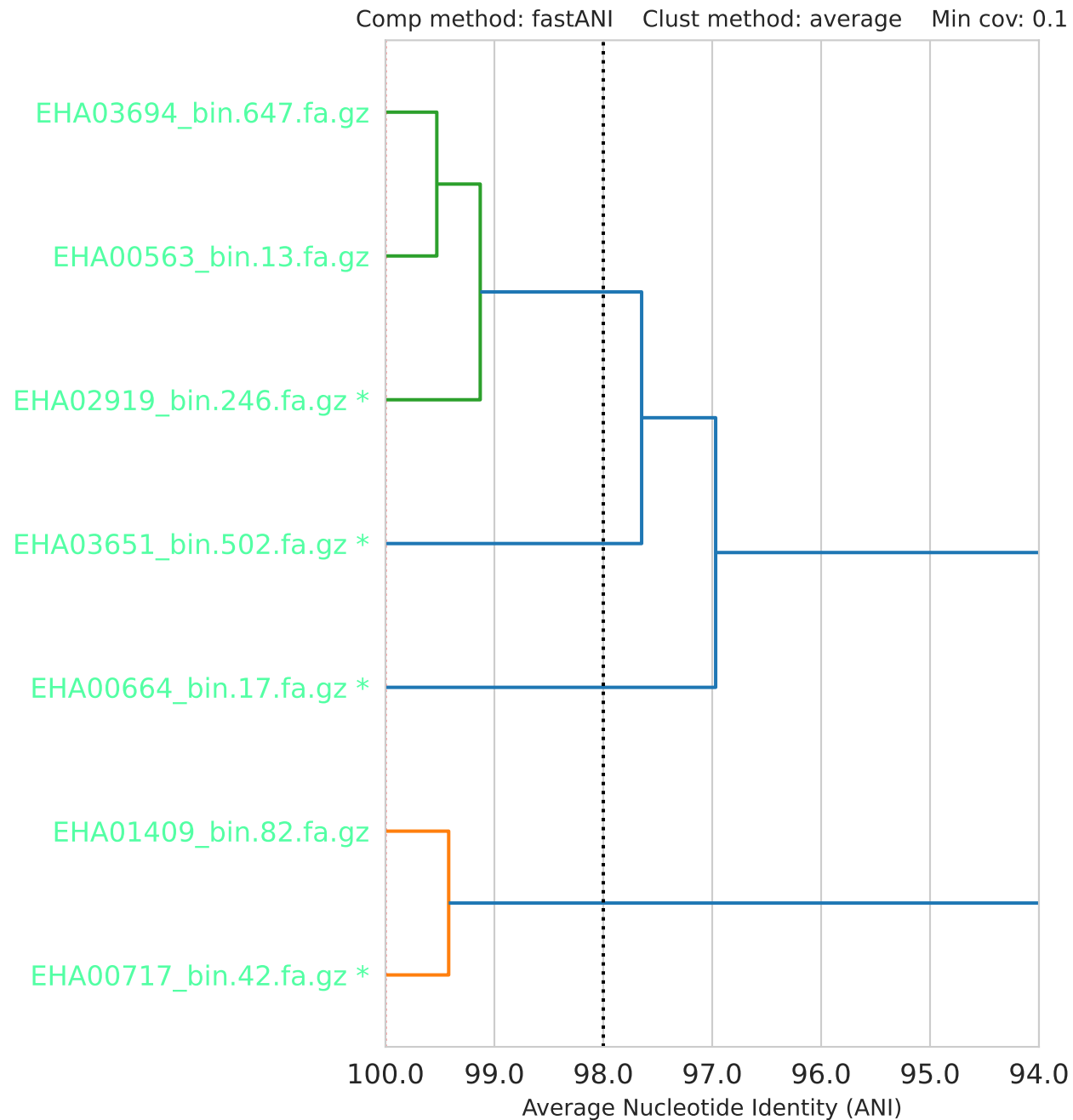
# Primary cluster 420



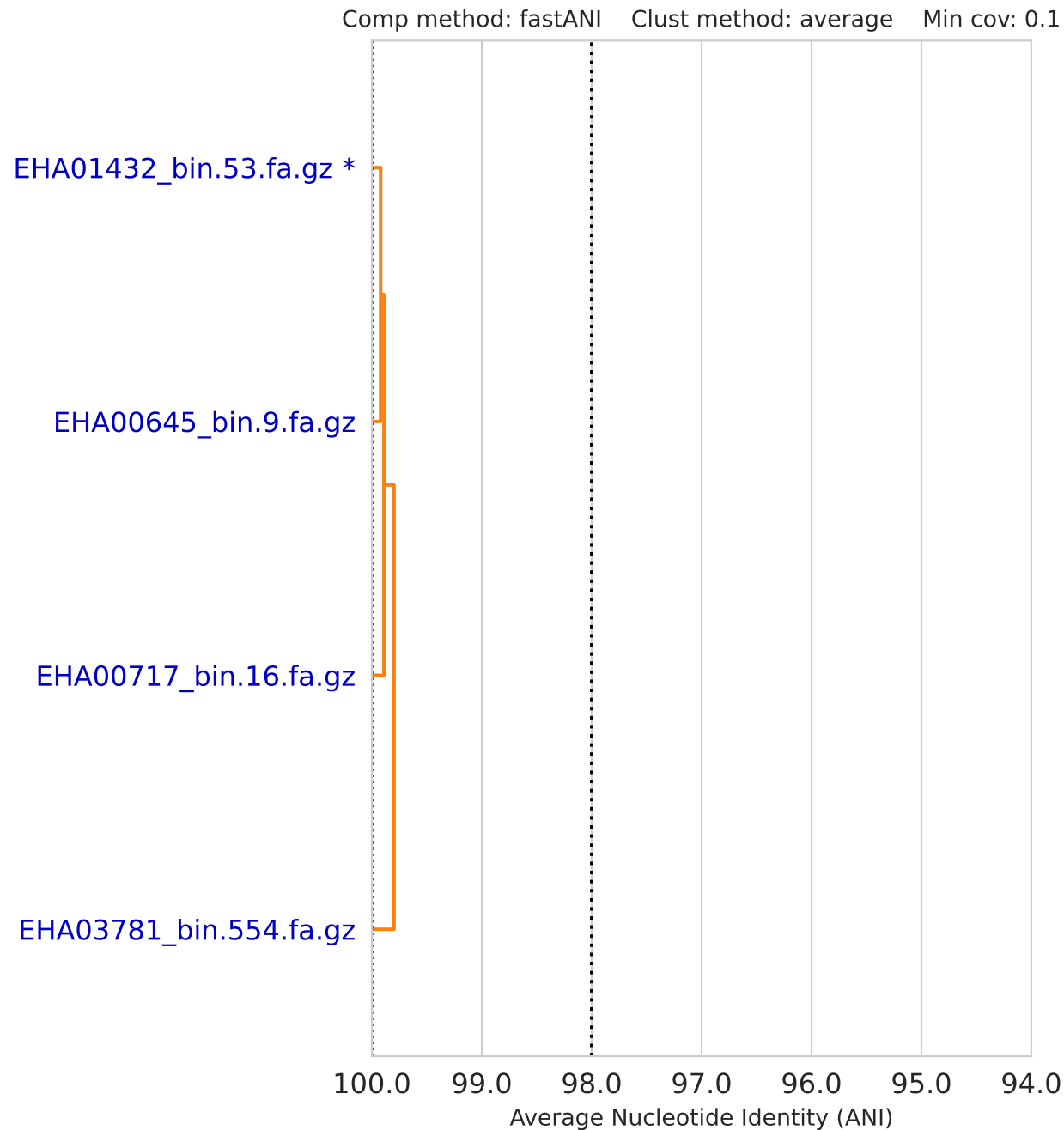
# Primary cluster 423



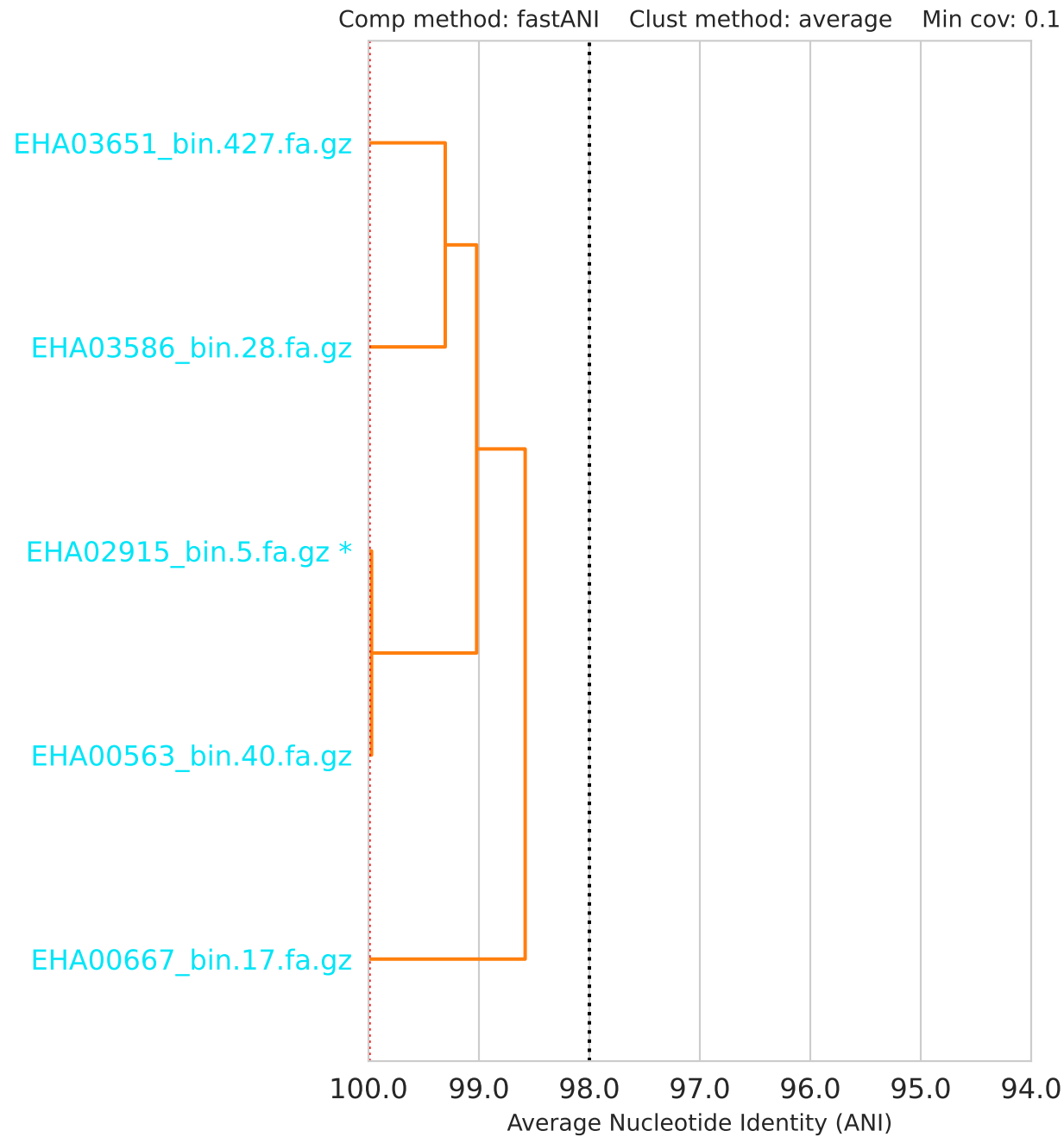
# Primary cluster 425



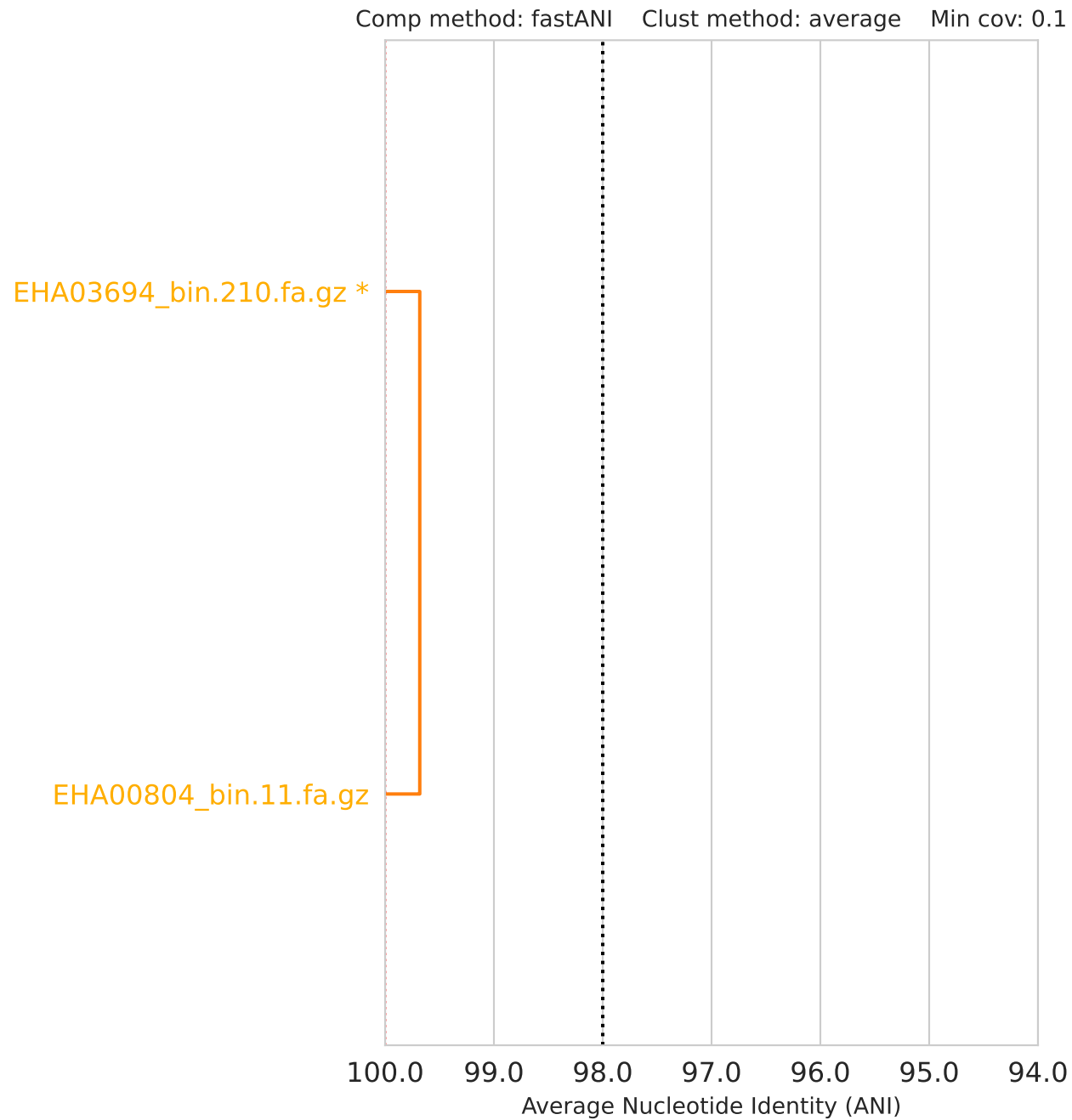
# Primary cluster 427



# Primary cluster 428

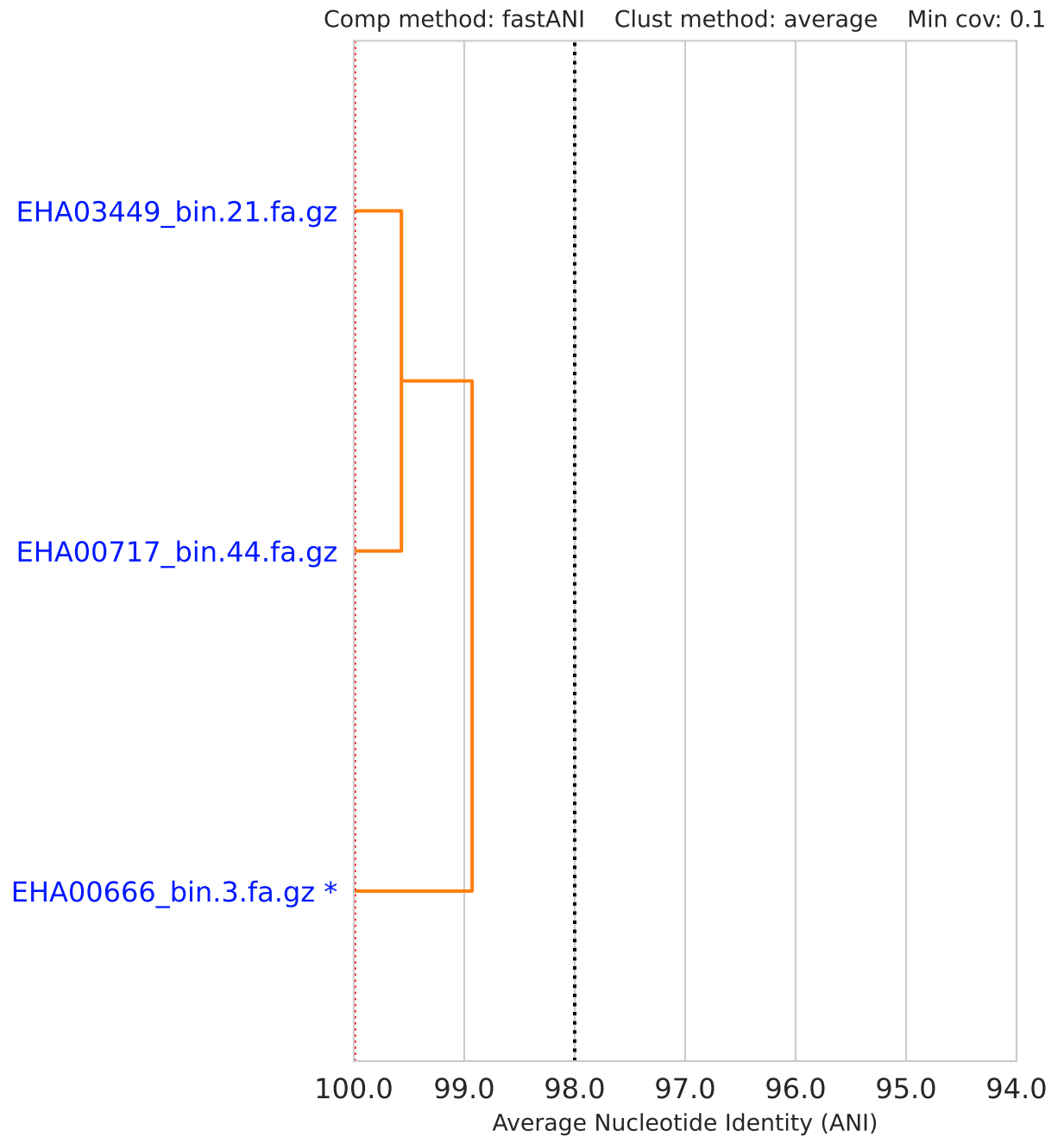


# Primary cluster 429

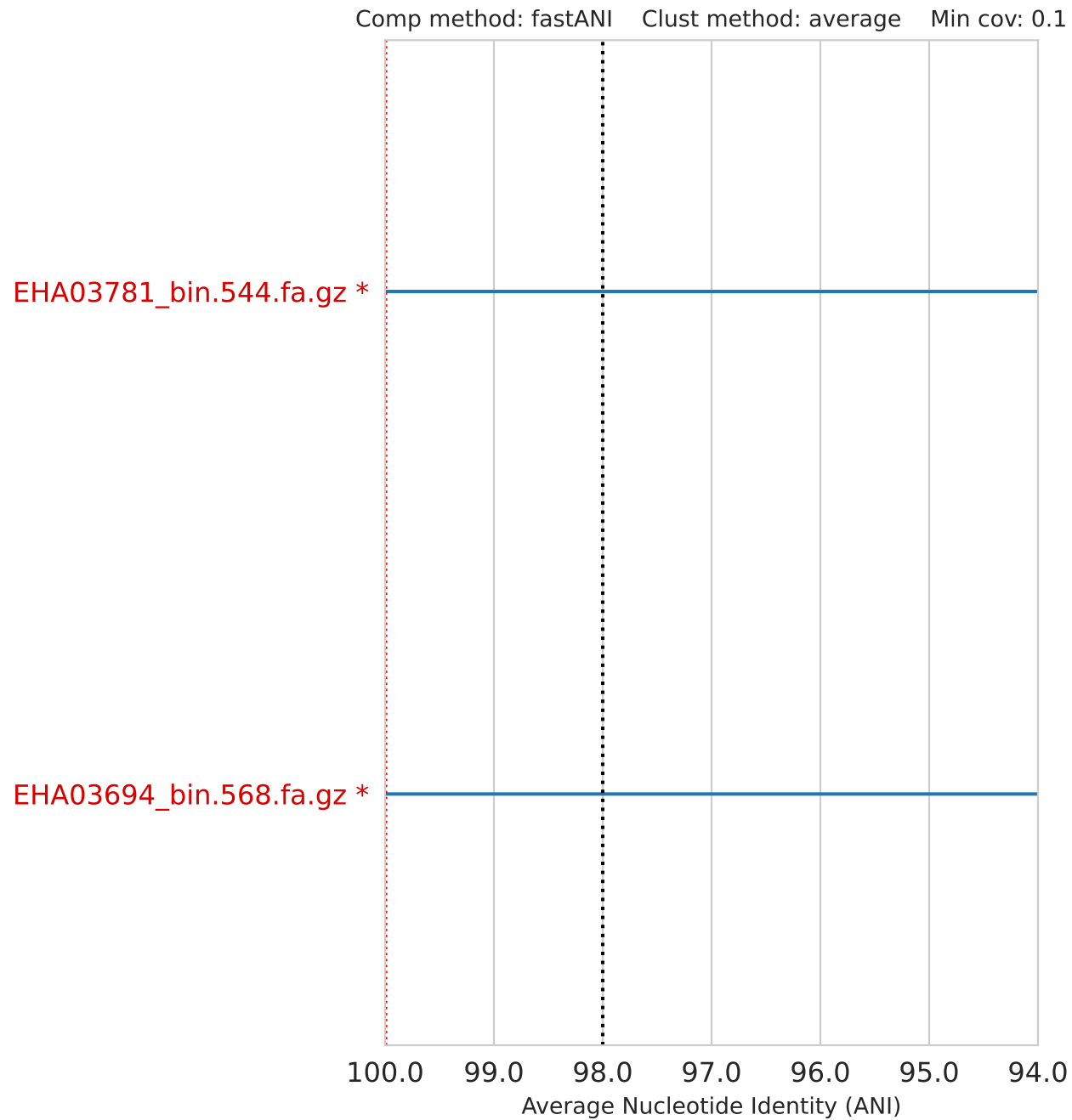




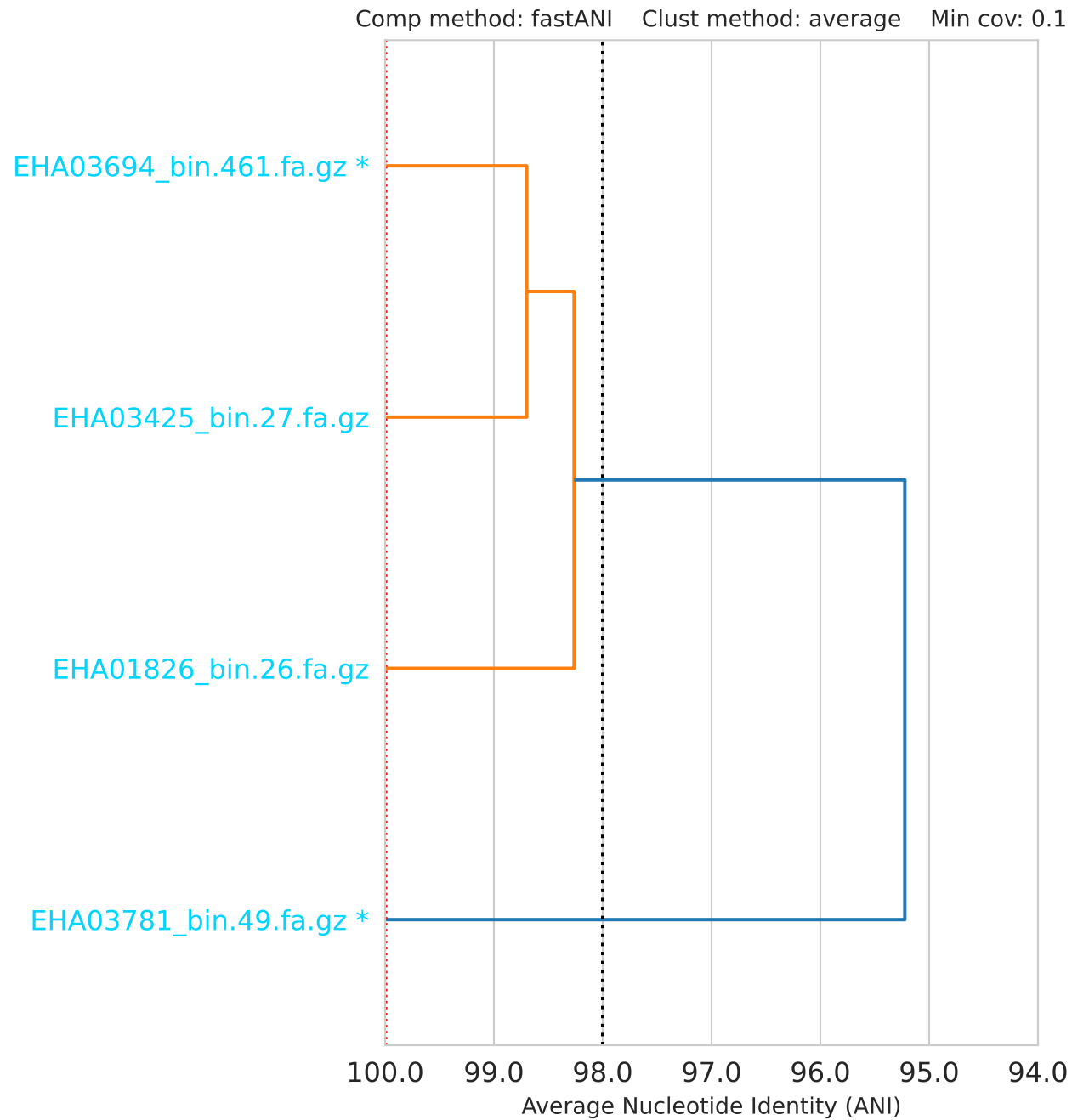
# Primary cluster 430



# Primary cluster 432



# Primary cluster 433



# Primary cluster 443

Comp method: fastANI

Clust method: average

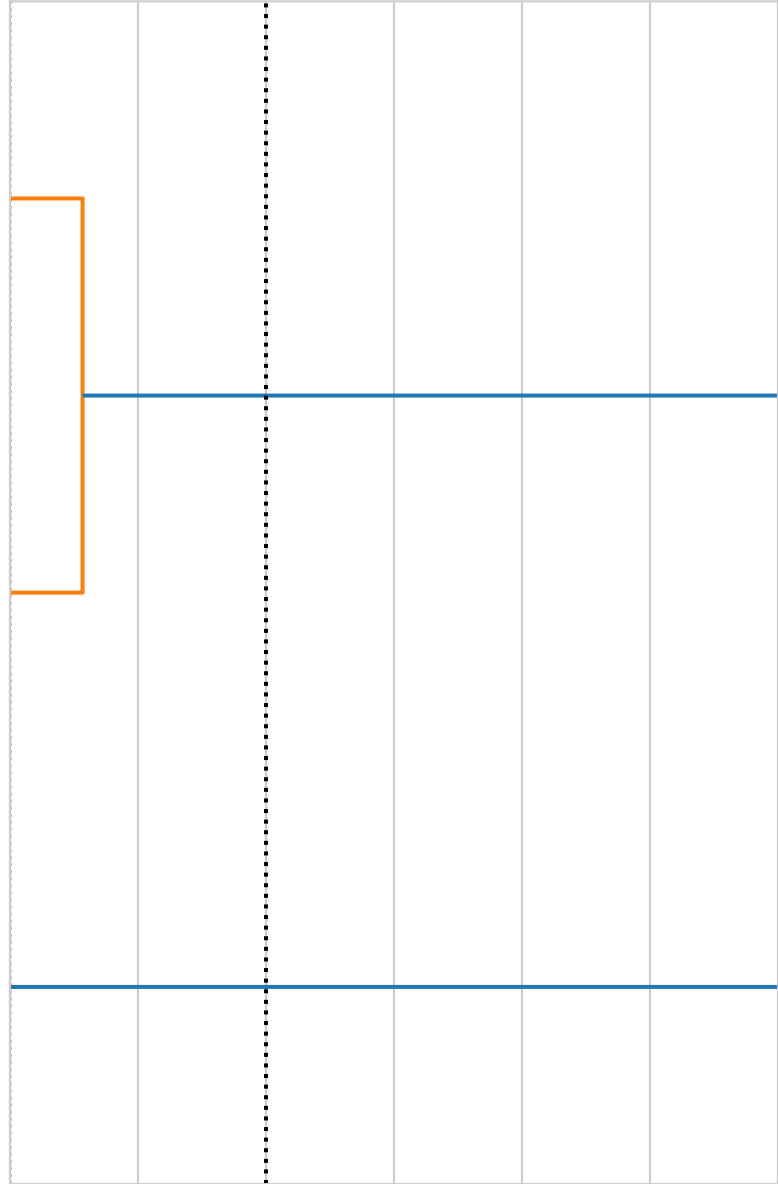
Min cov: 0.1

EHA03781\_bin.276.fa.gz \*

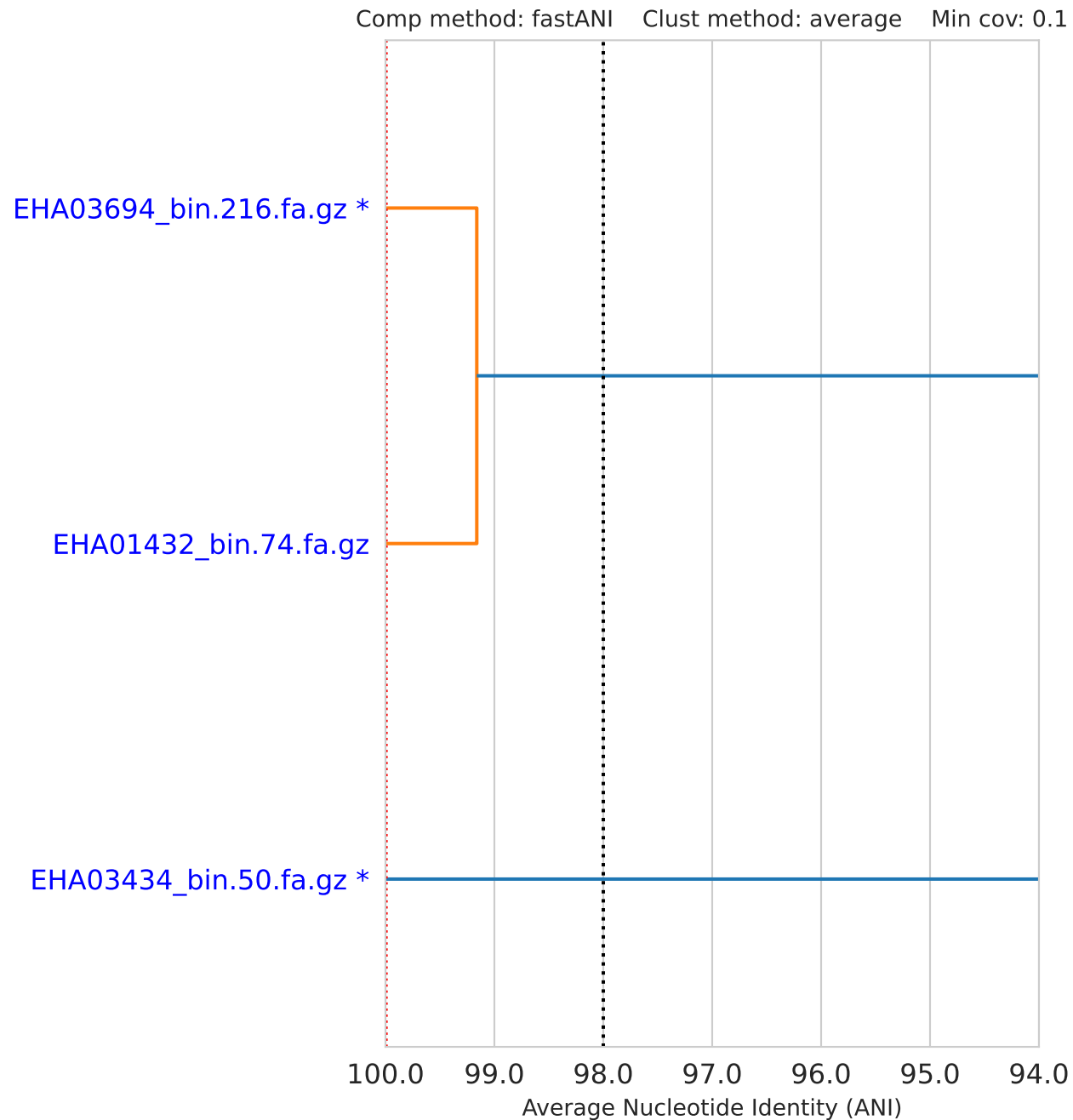
EHA00726\_bin.39.fa.gz

EHA03755\_bin.362.fa.gz \*

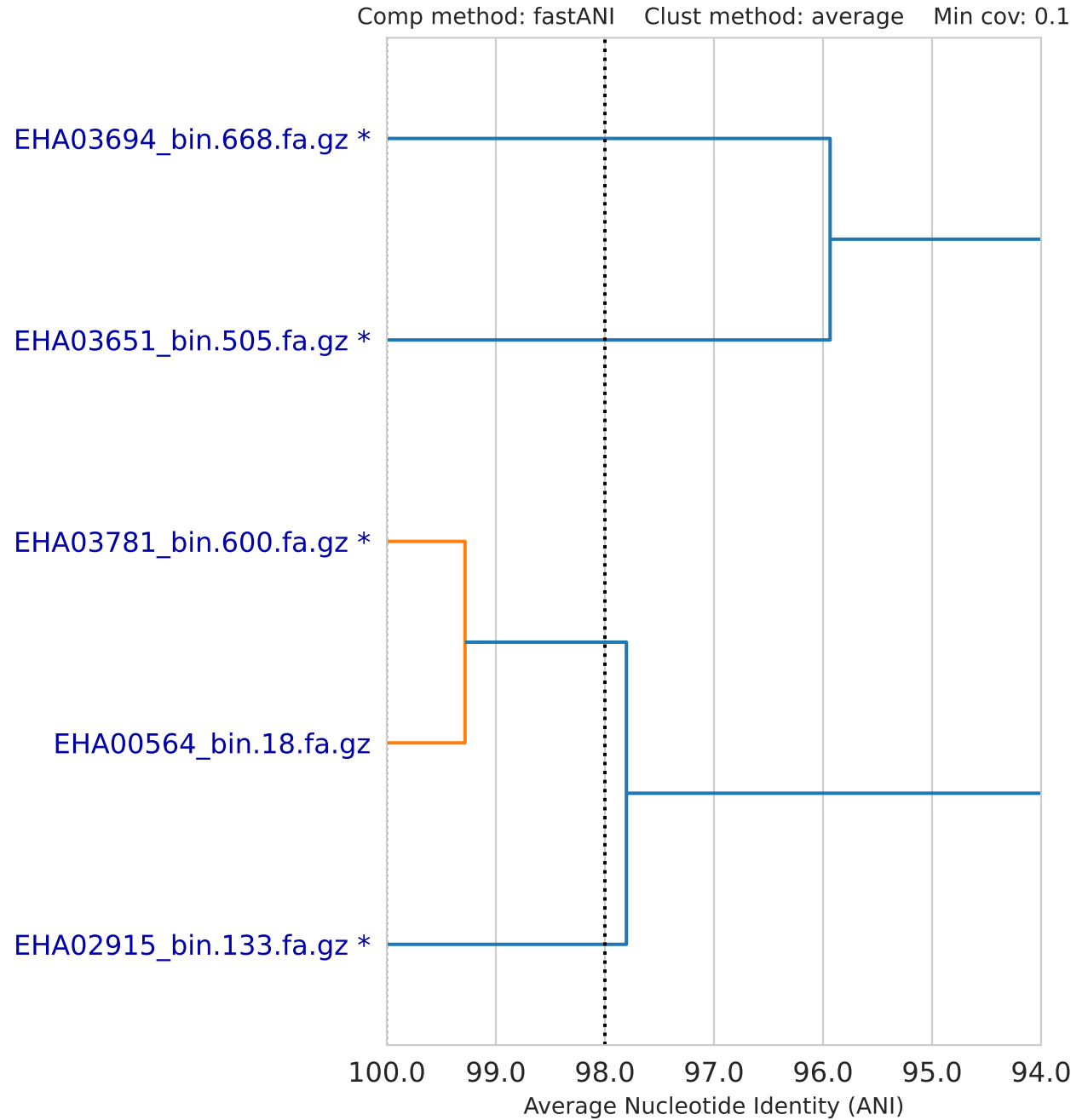
100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



# Primary cluster 444



# Primary cluster 447



# Primary cluster 449

Comp method: fastANI

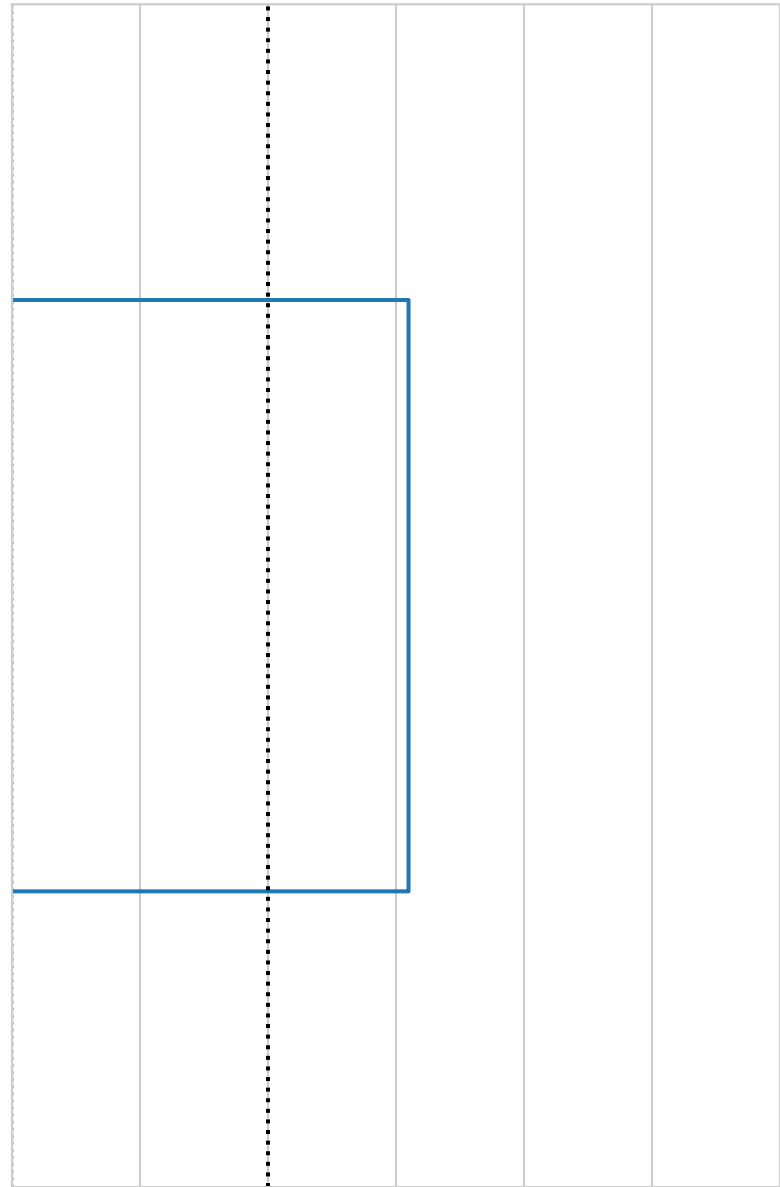
Clust method: average

Min cov: 0.1

EHA03755\_bin.324.fa.gz \*

EHA03694\_bin.298.fa.gz \*

100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



# Primary cluster 451

Comp method: fastANI

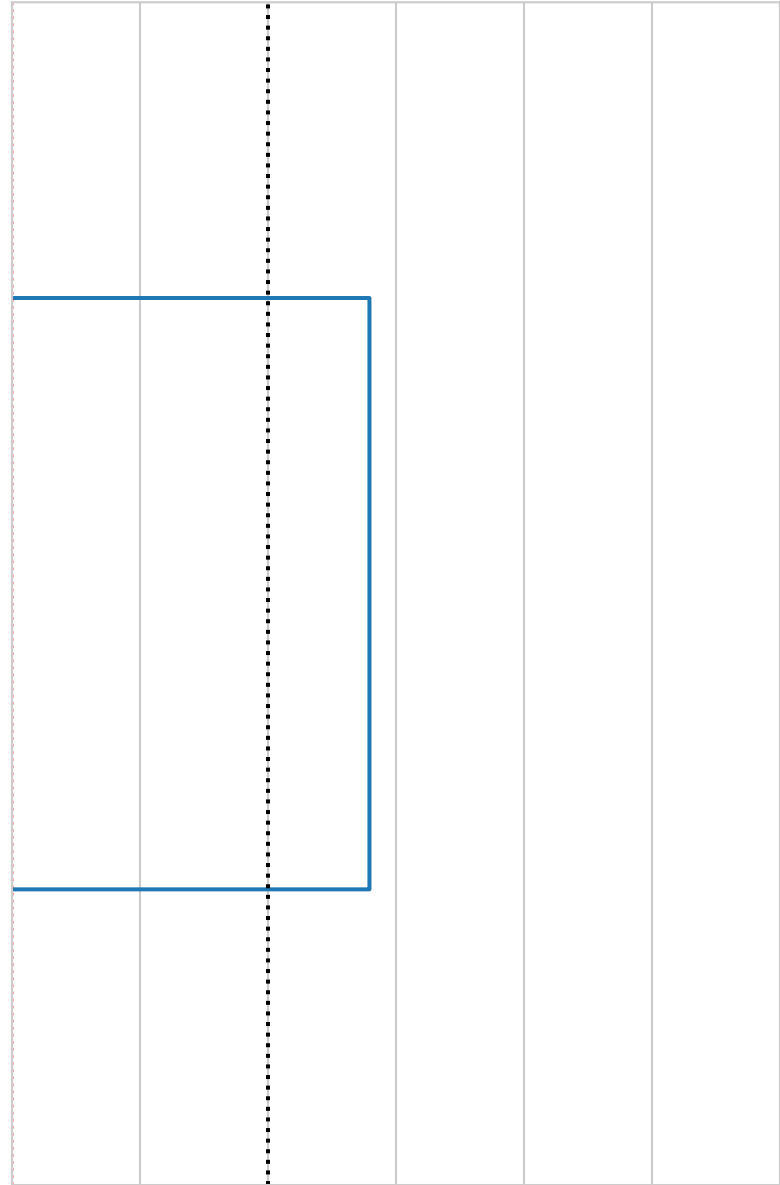
Clust method: average

Min cov: 0.1

EHA03651\_bin.512.fa.gz \*

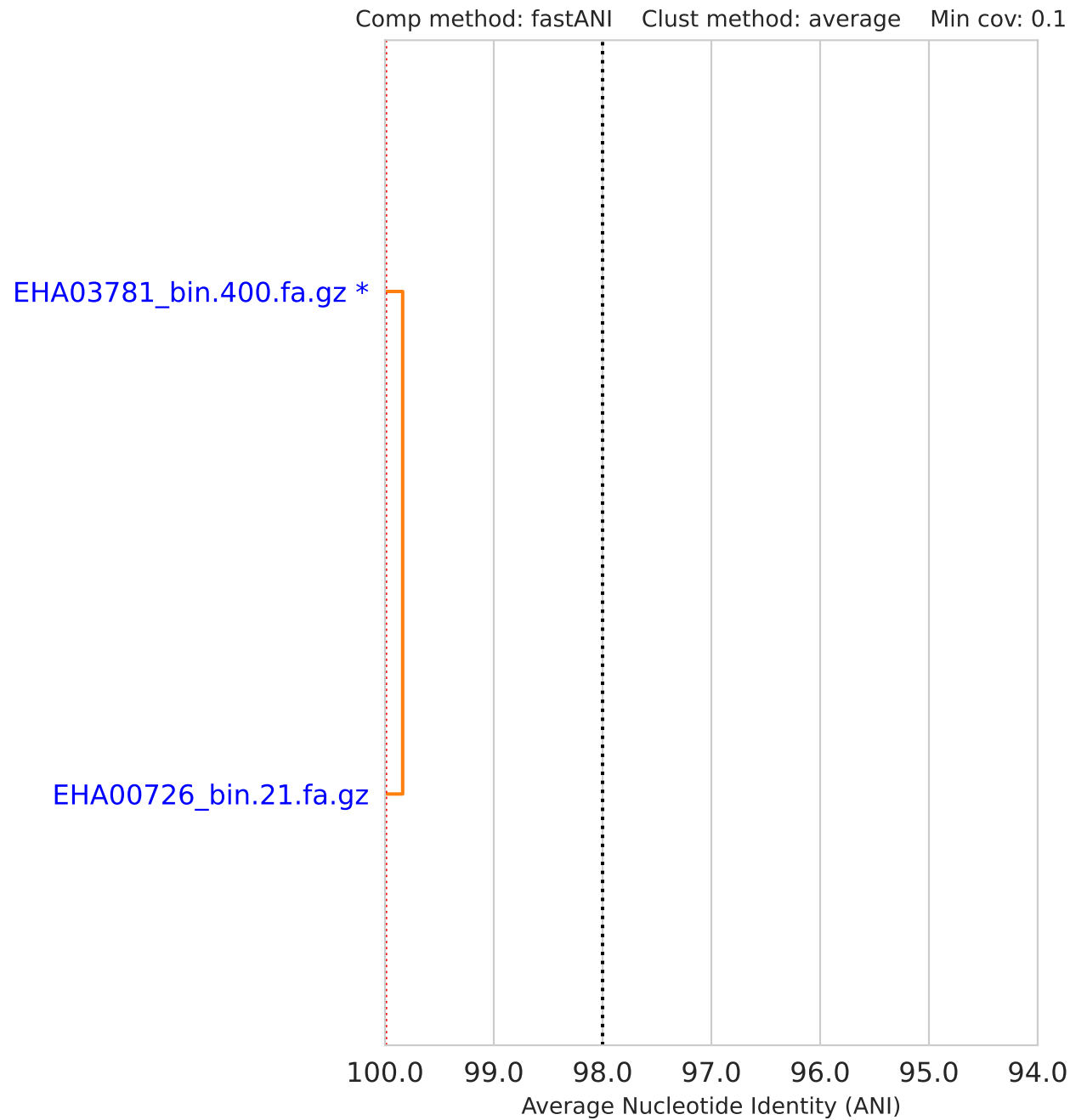
EHA03434\_bin.53.fa.gz \*

100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)

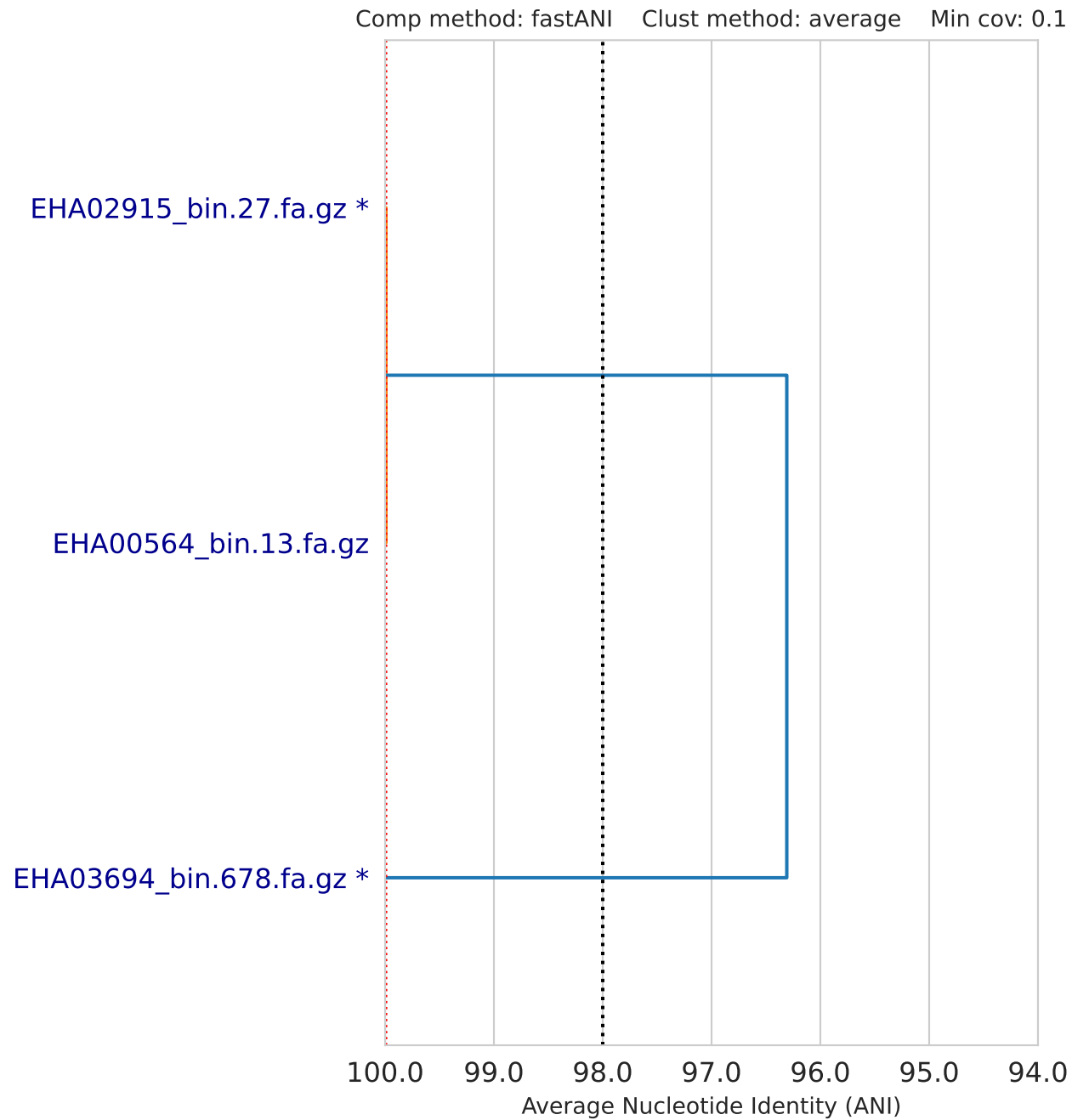




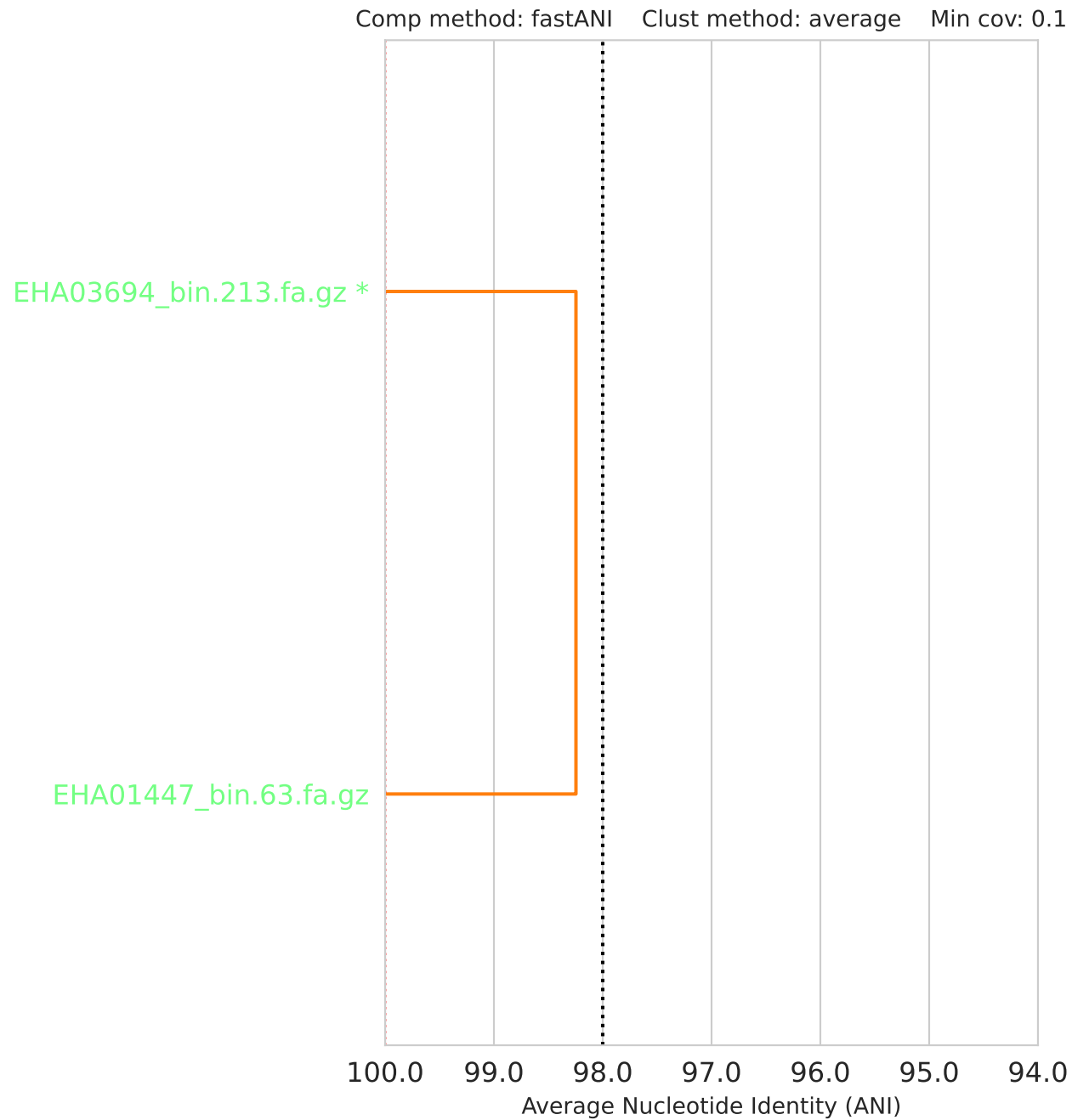
# Primary cluster 453



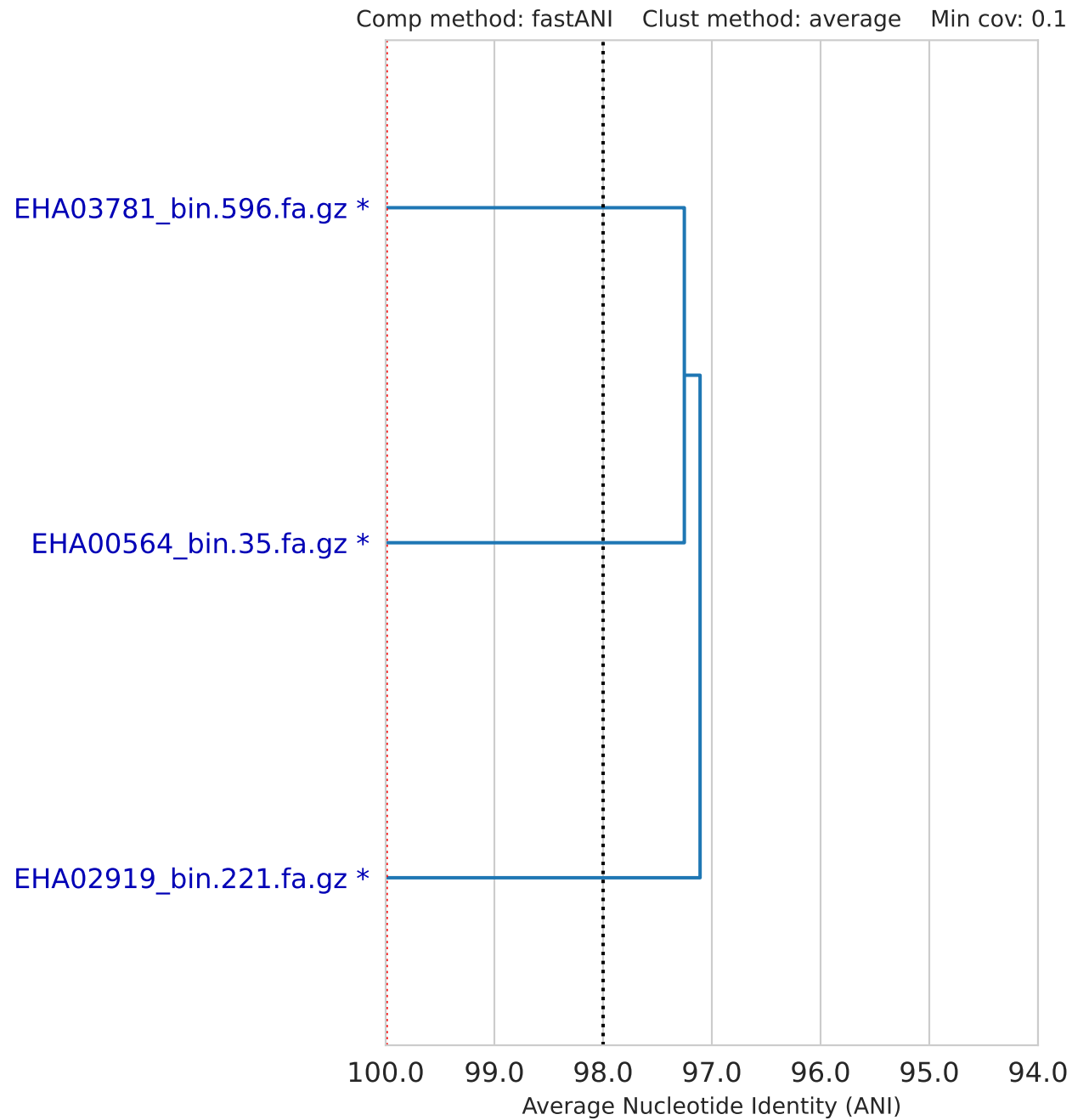
# Primary cluster 455



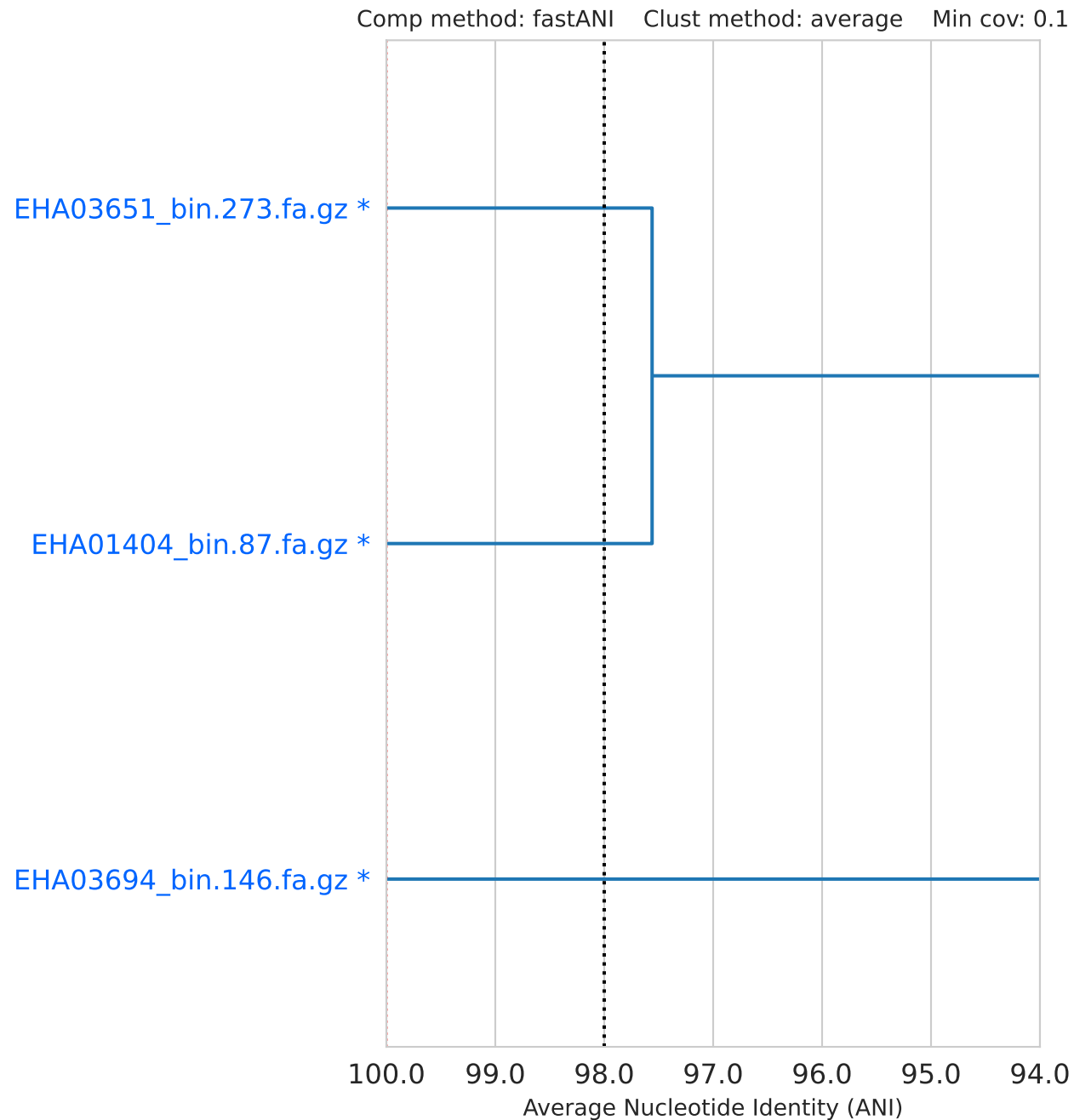
# Primary cluster 456



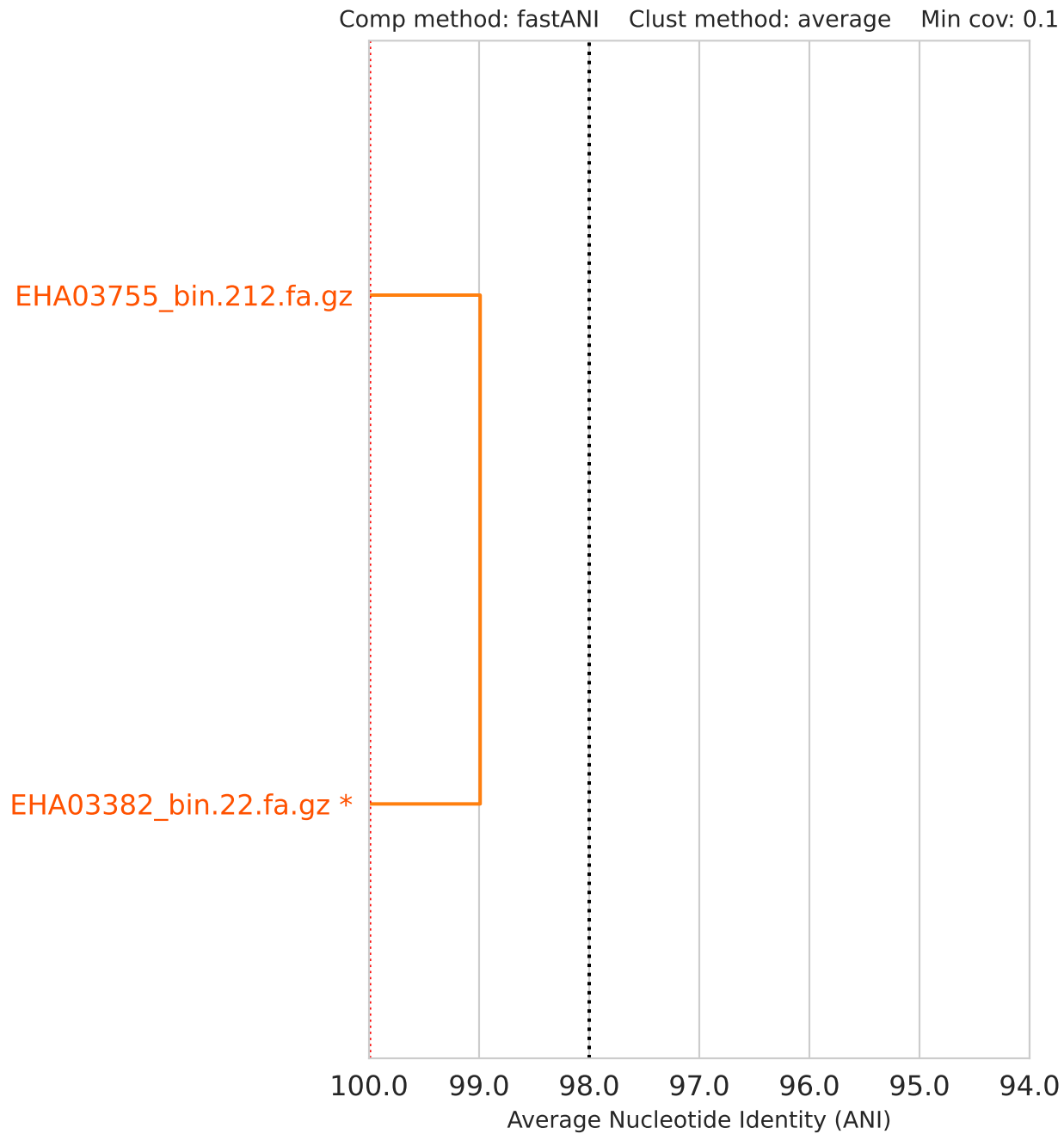
# Primary cluster 457



# Primary cluster 458



# Primary cluster 459



# Primary cluster 460

Comp method: fastANI

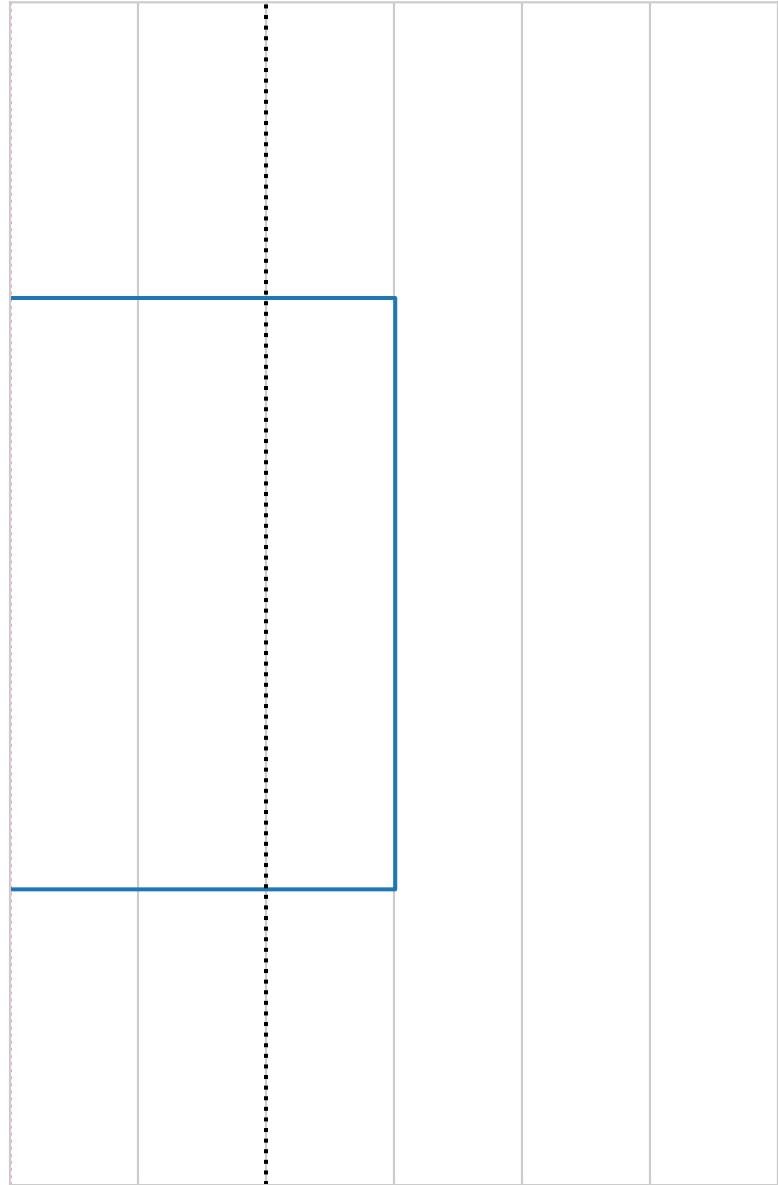
Clust method: average

Min cov: 0.1

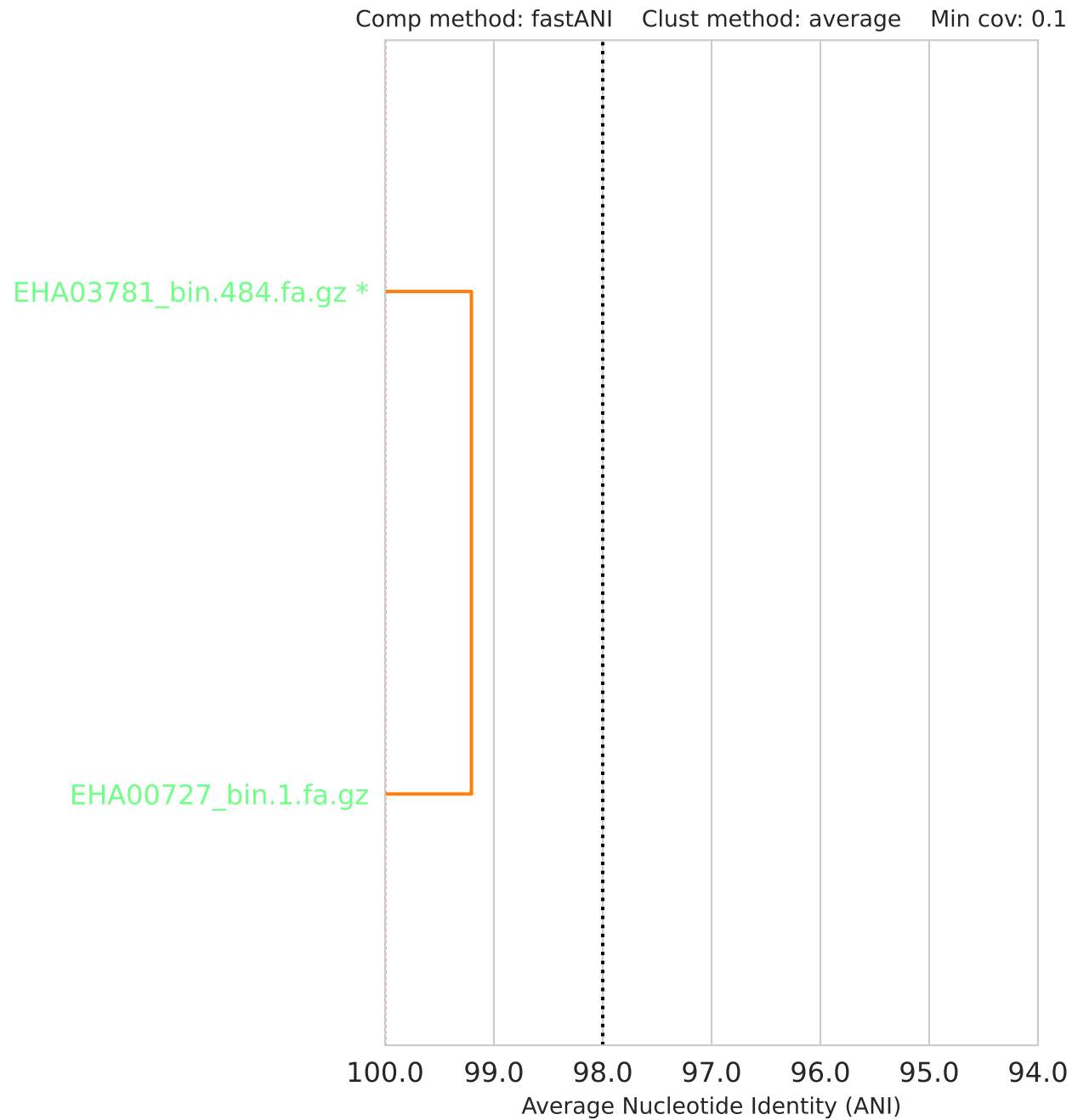
EHA03781\_bin.601.fa.gz \*

EHA03694\_bin.507.fa.gz \*

100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



# Primary cluster 464





# Primary cluster 465

Comp method: fastANI

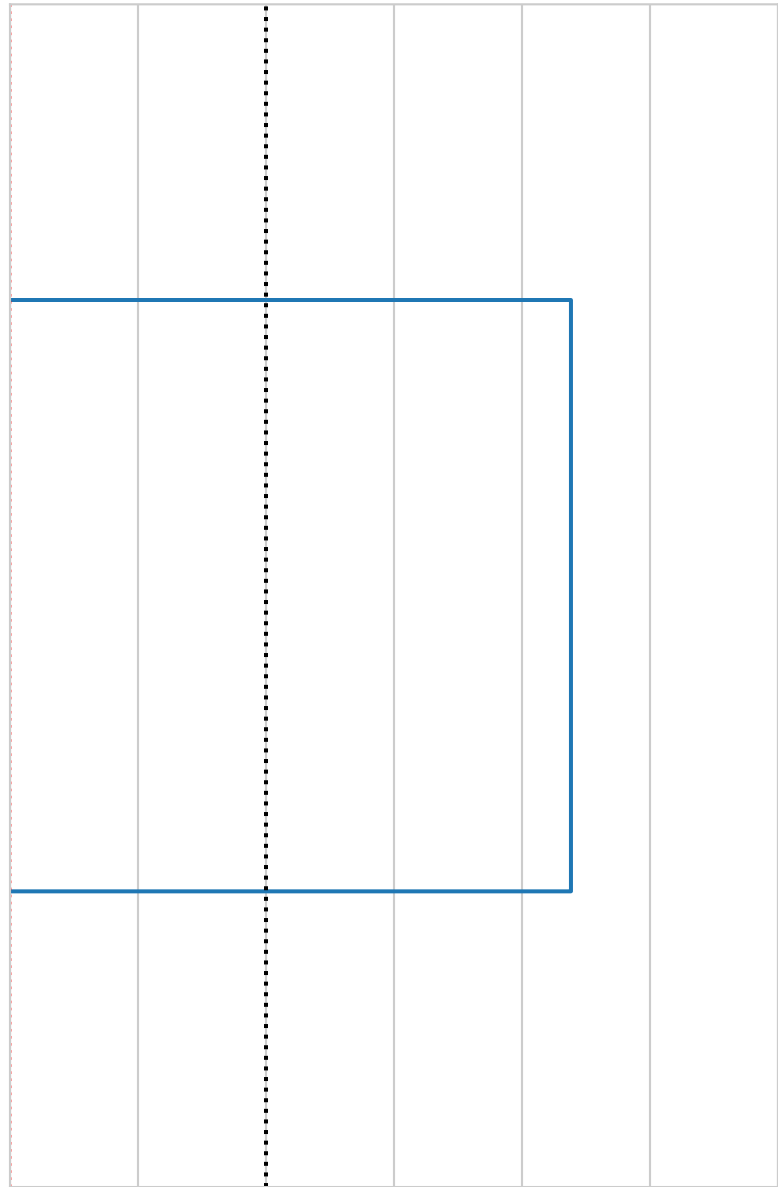
Clust method: average

Min cov: 0.1

EHA03694\_bin.307.fa.gz \*

EHA03443\_bin.2.fa.gz \*

100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



# Primary cluster 469

Comp method: fastANI

Clust method: average

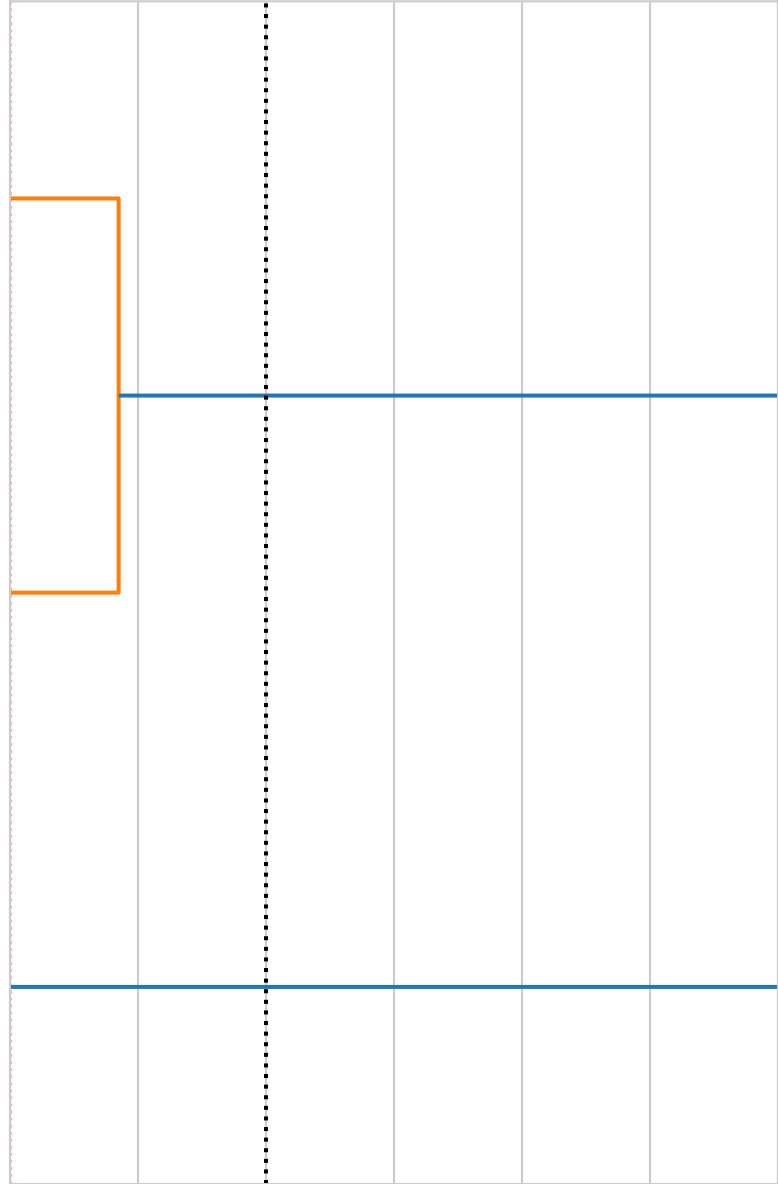
Min cov: 0.1

EHA03651\_bin.438.fa.gz \*

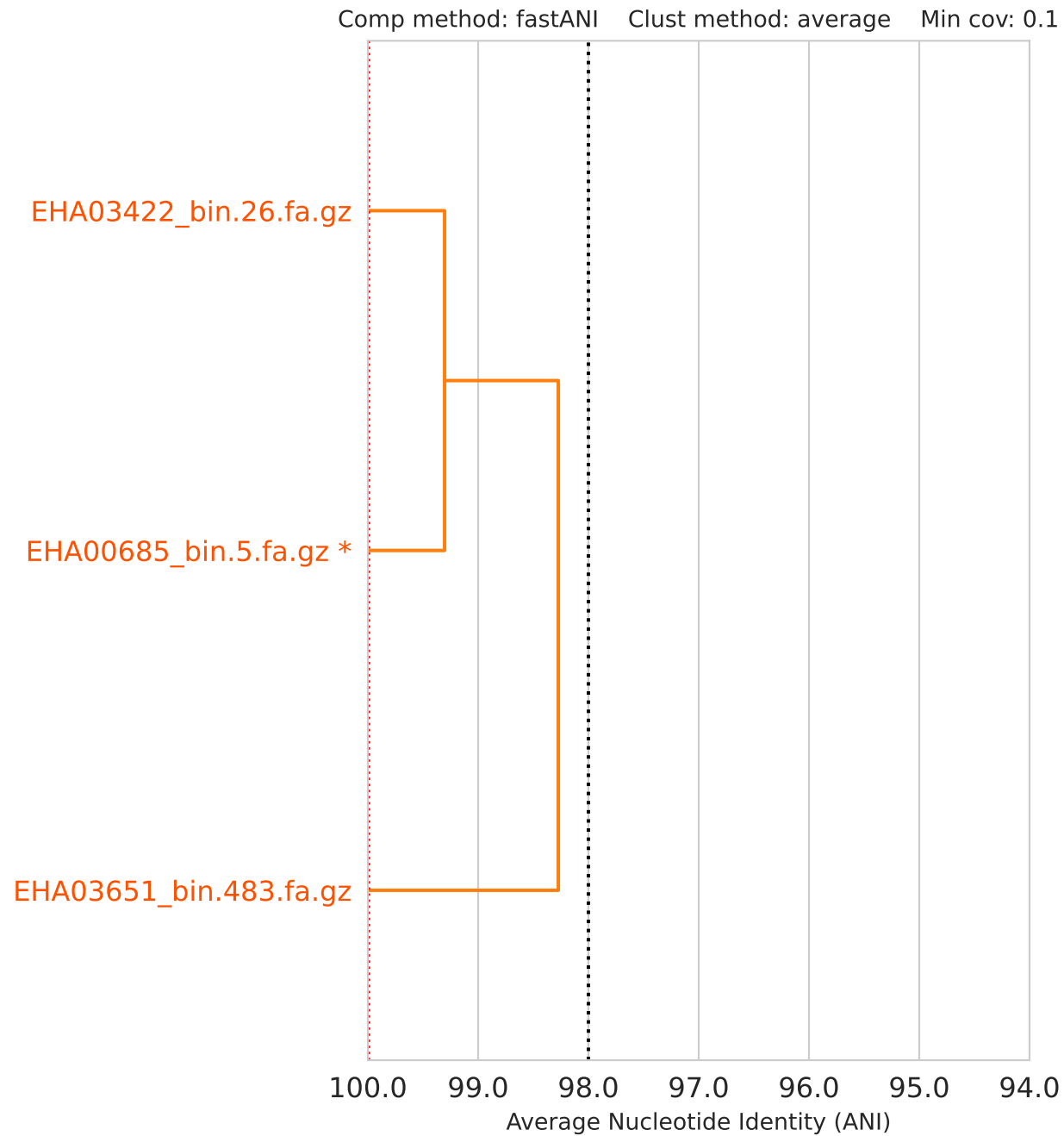
EHA01426\_bin.82.fa.gz

EHA03781\_bin.602.fa.gz \*

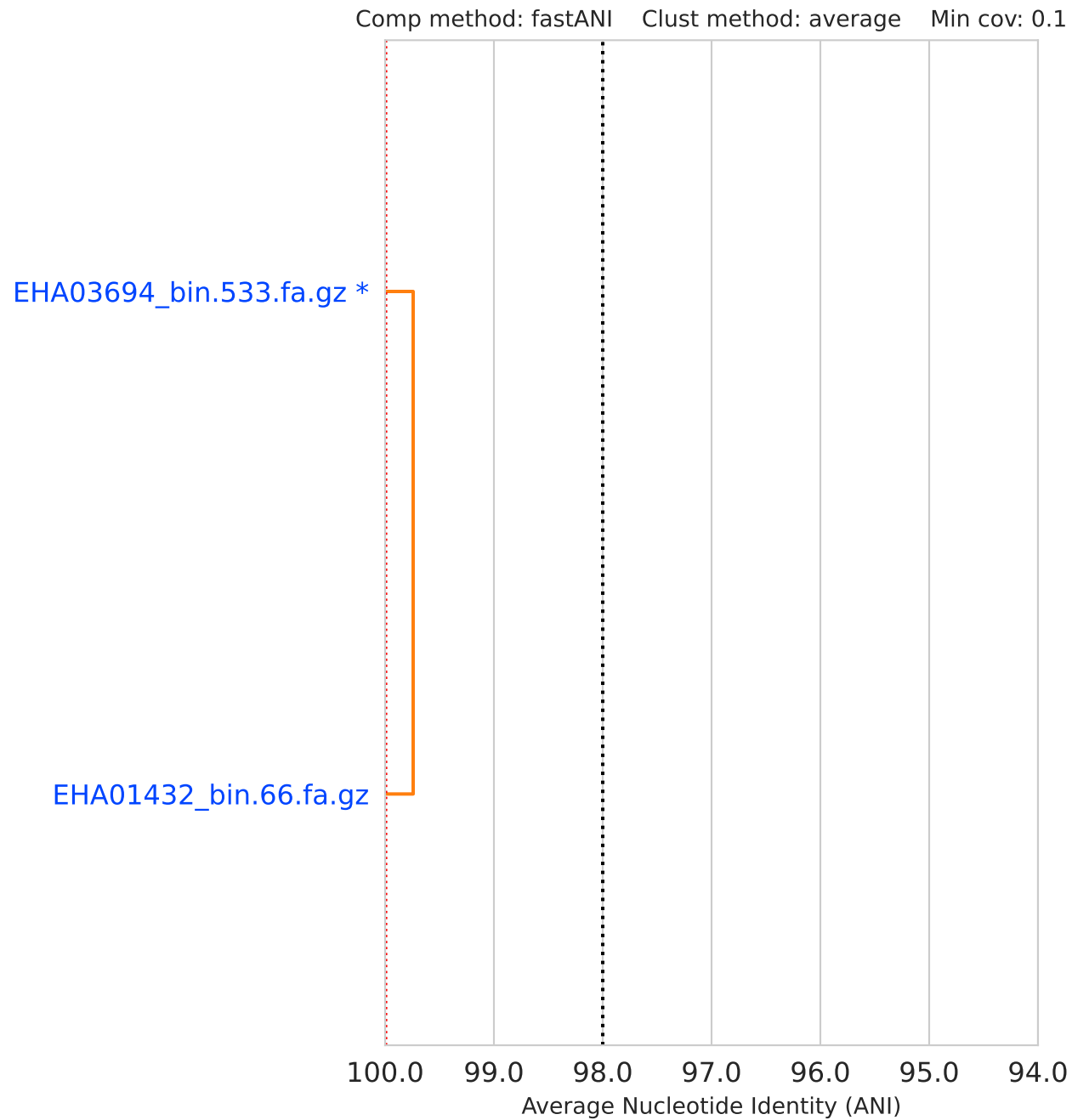
100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



# Primary cluster 471



# Primary cluster 475



# Primary cluster 479

Comp method: fastANI

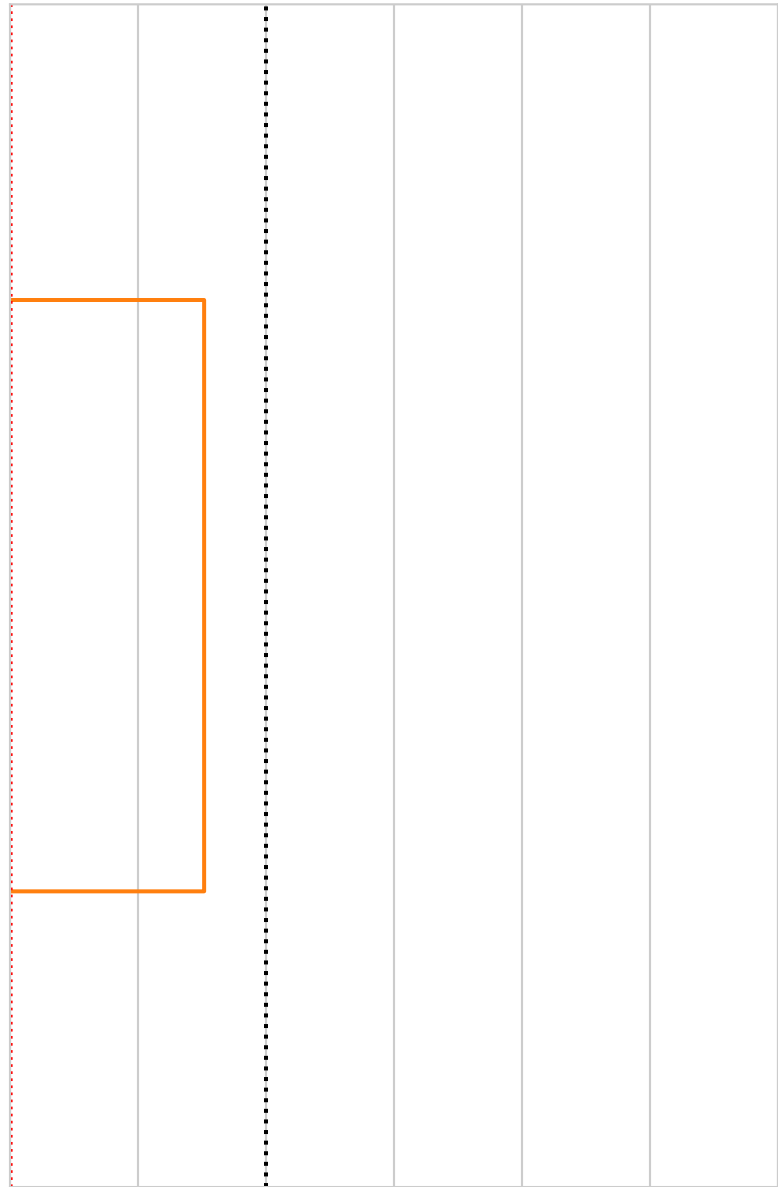
Clust method: average

Min cov: 0.1

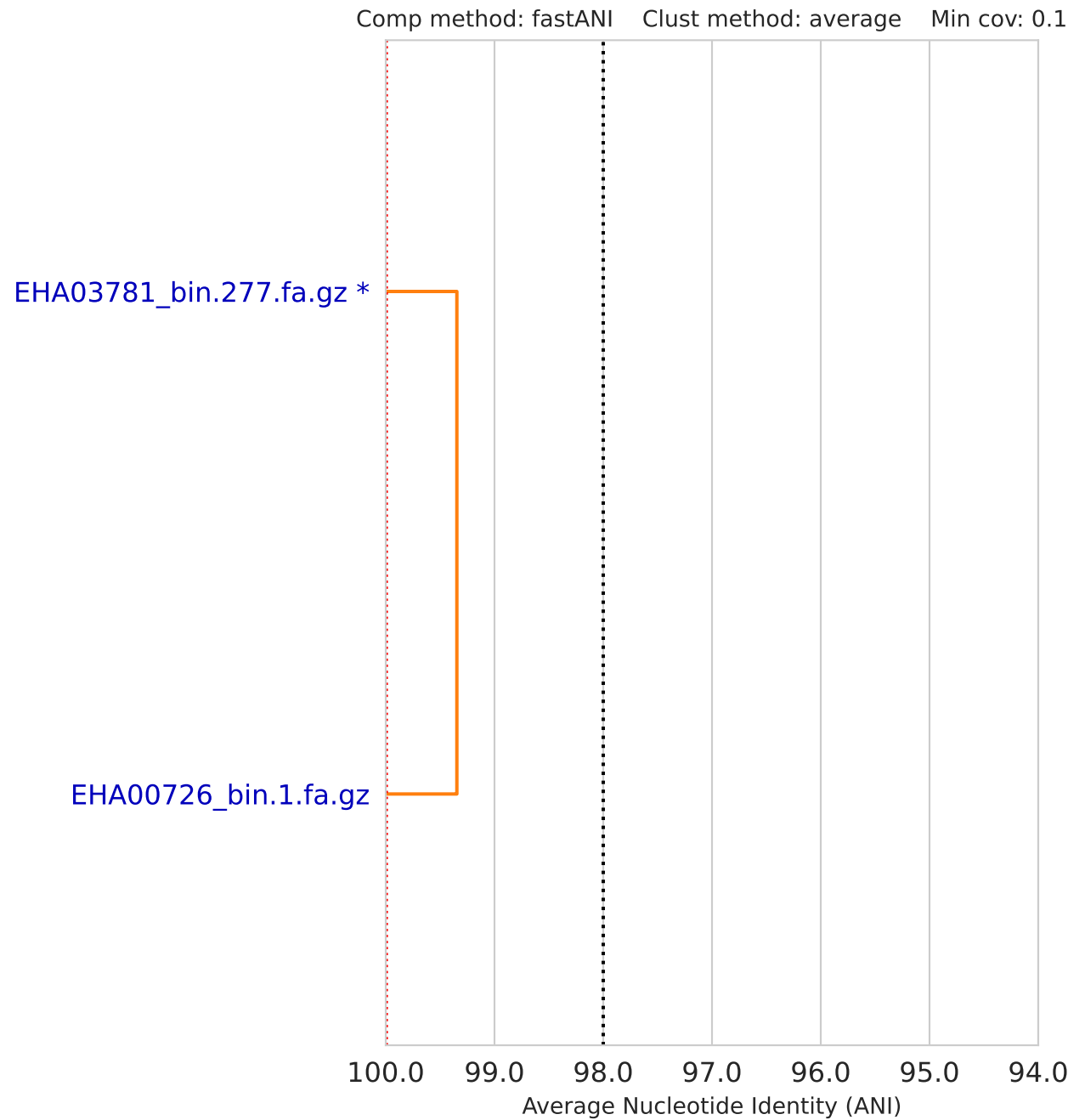
EHA03694\_bin.270.fa.gz \*

EHA01447\_bin.74.fa.gz

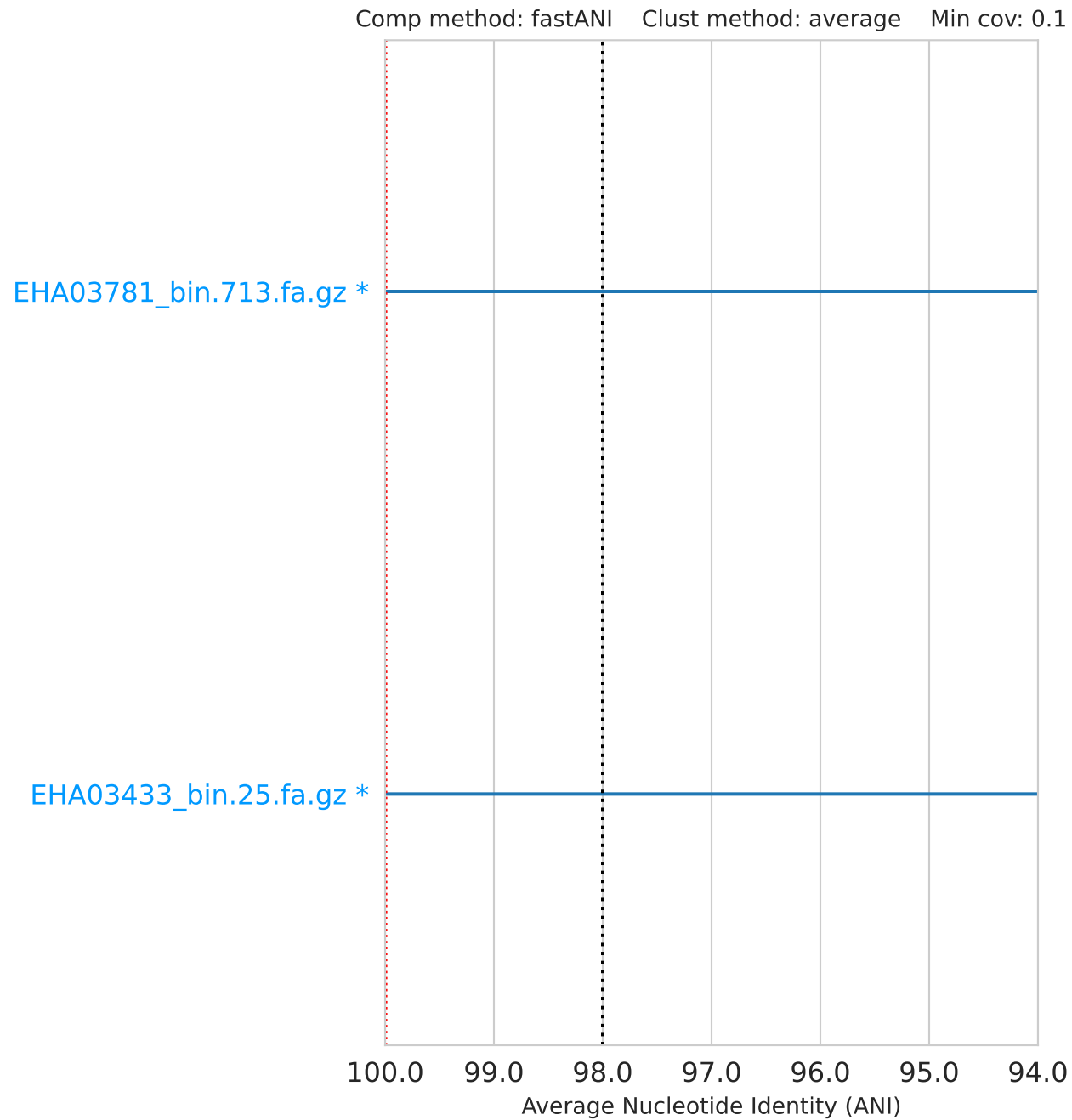
100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



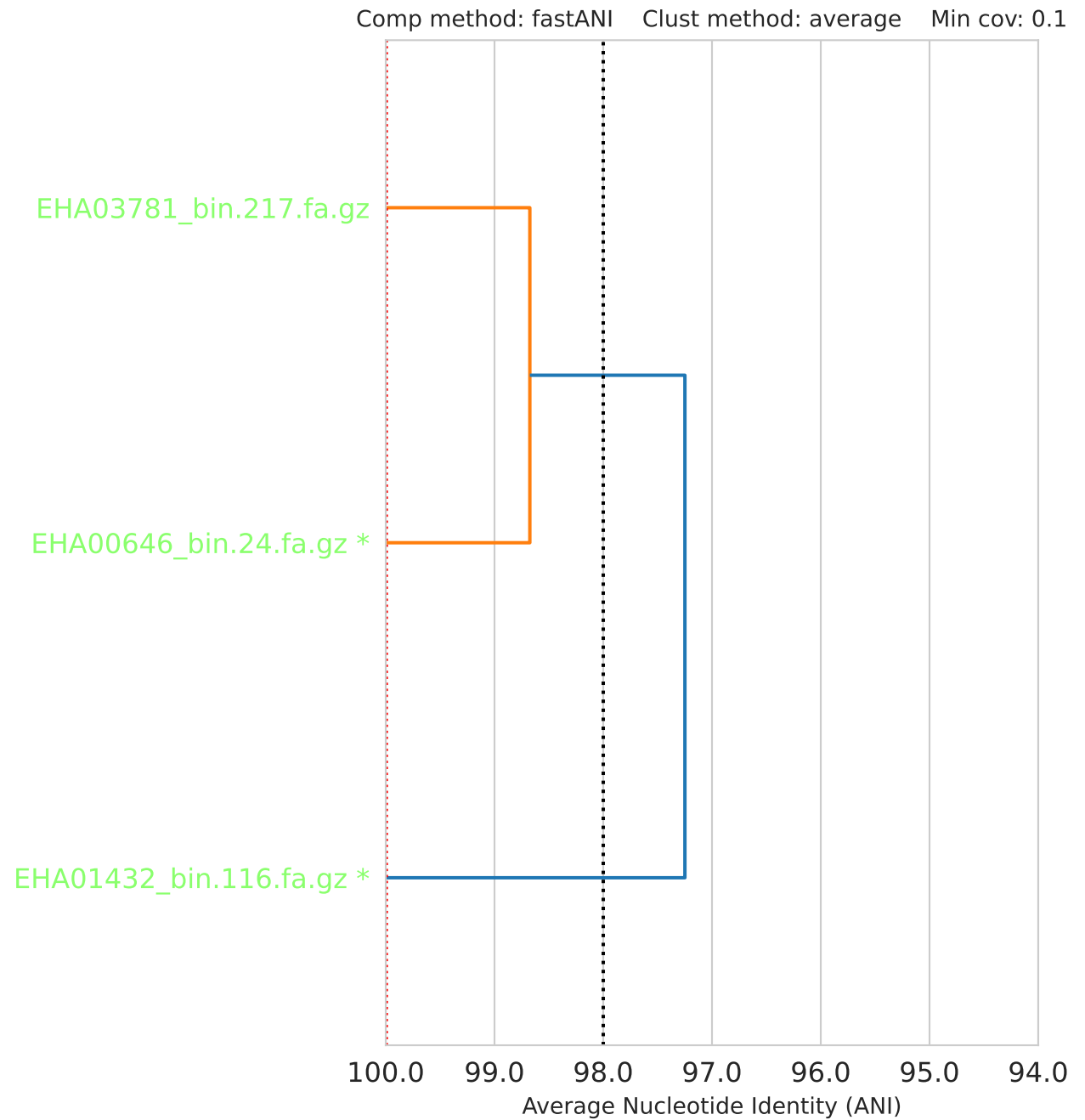
# Primary cluster 484



# Primary cluster 486

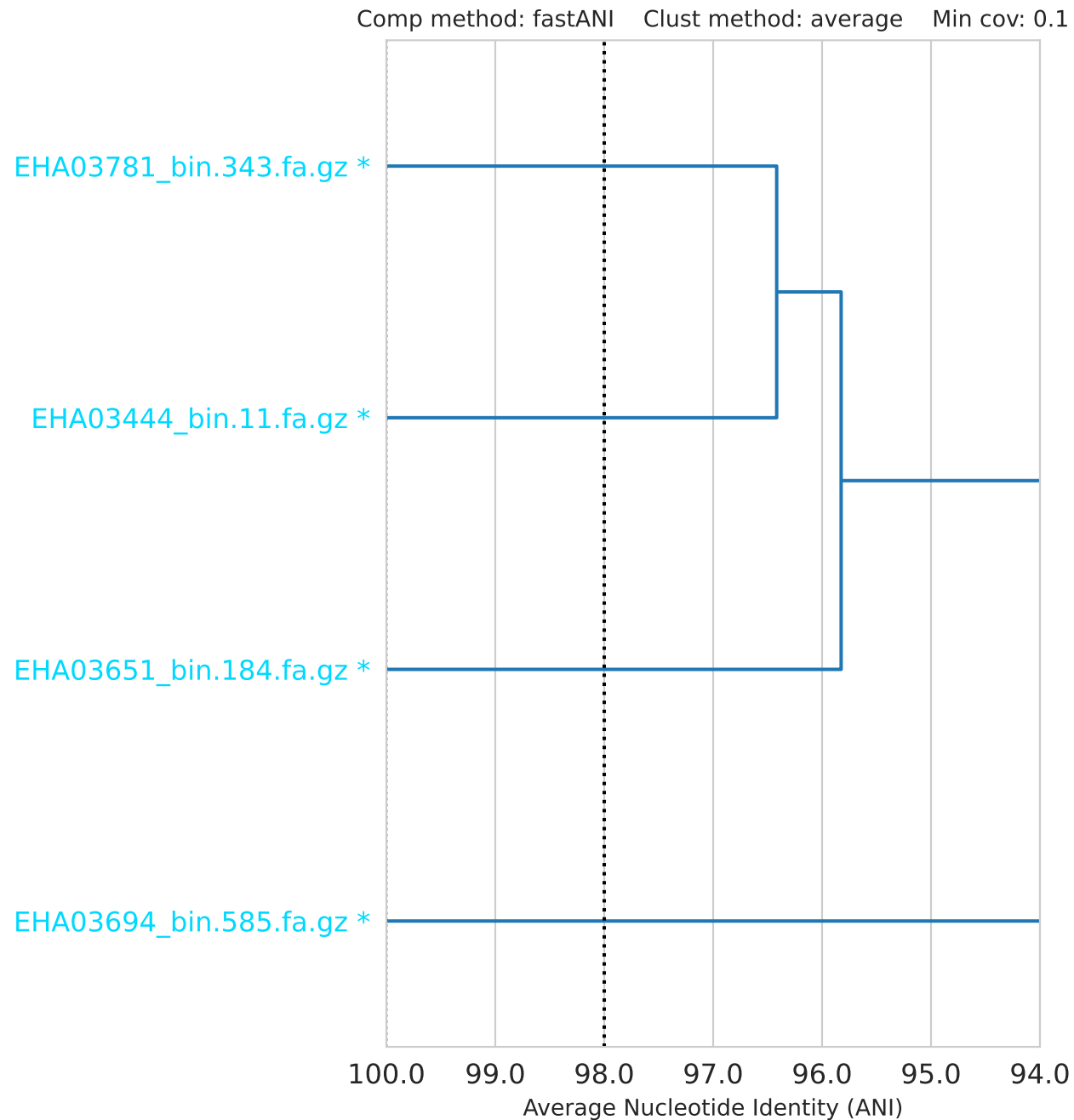


# Primary cluster 489

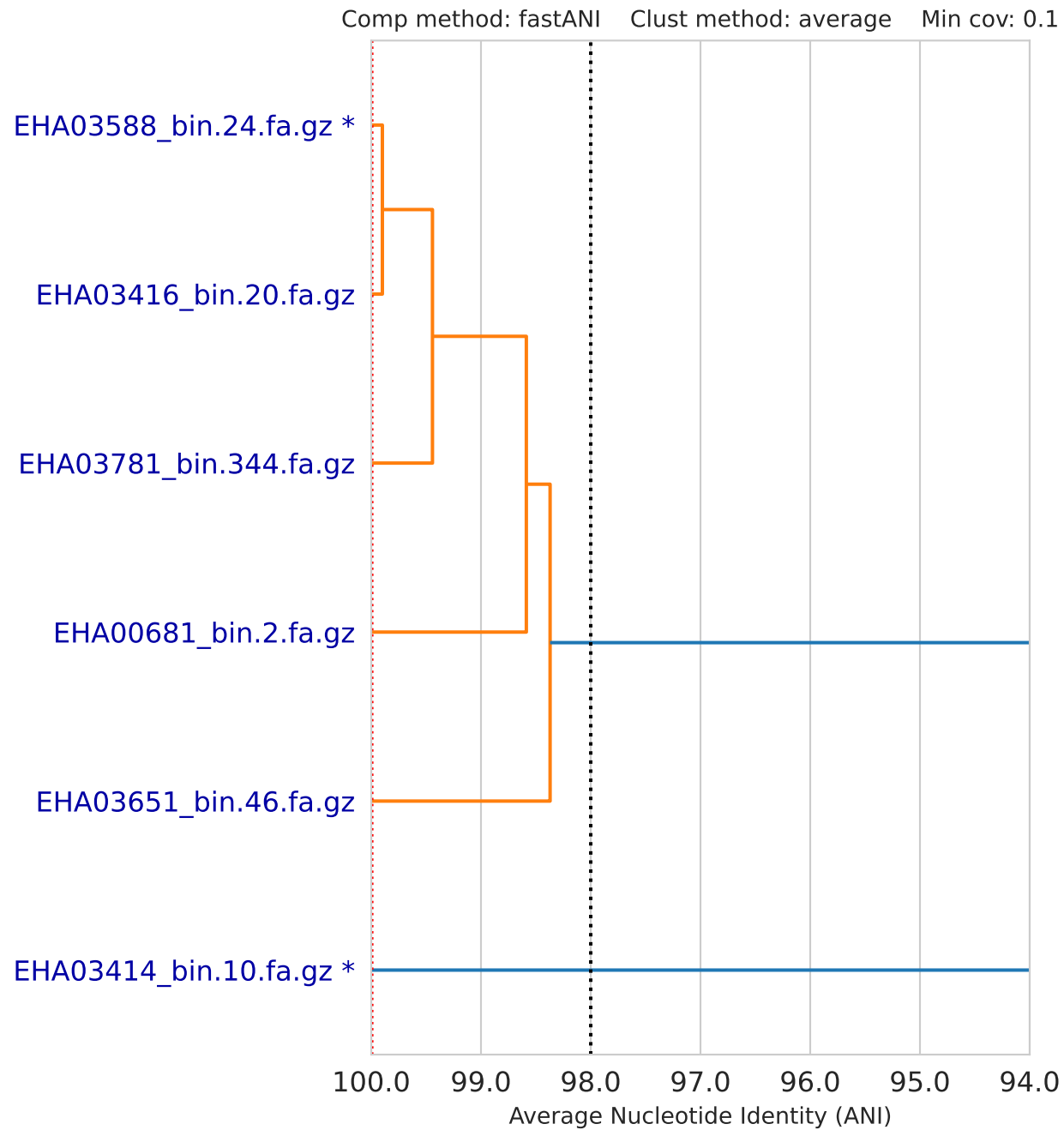




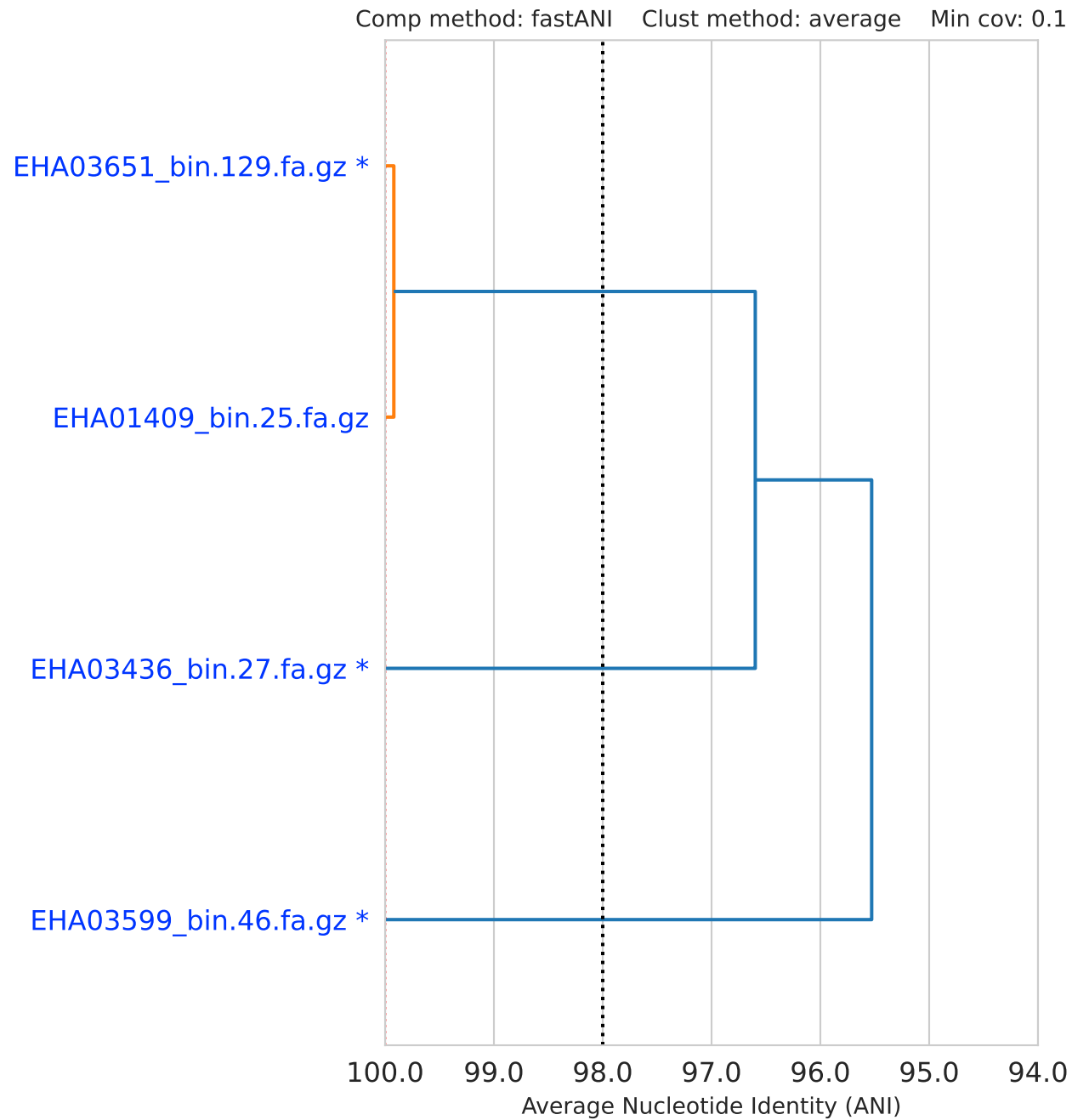
# Primary cluster 490



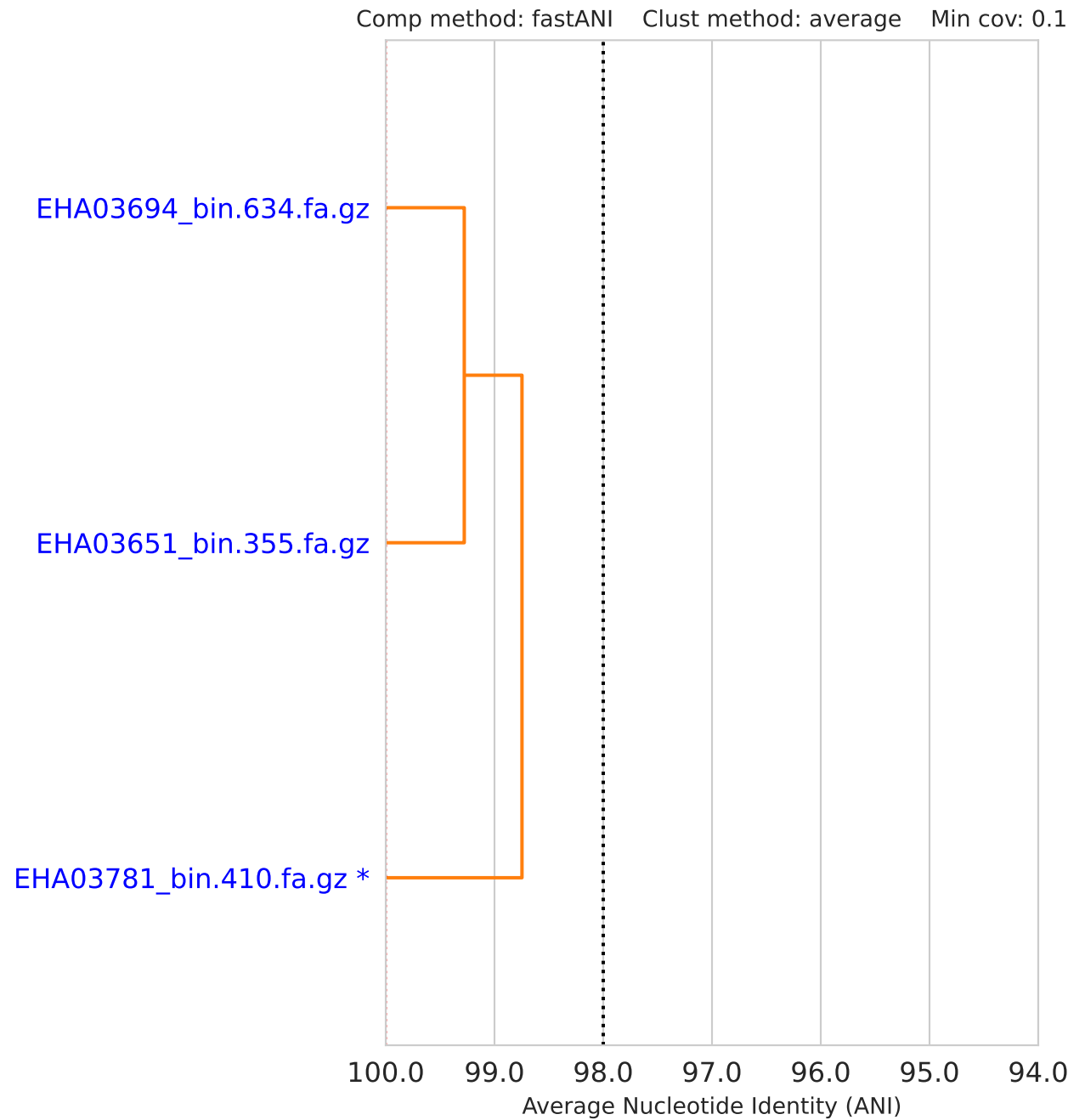
# Primary cluster 492



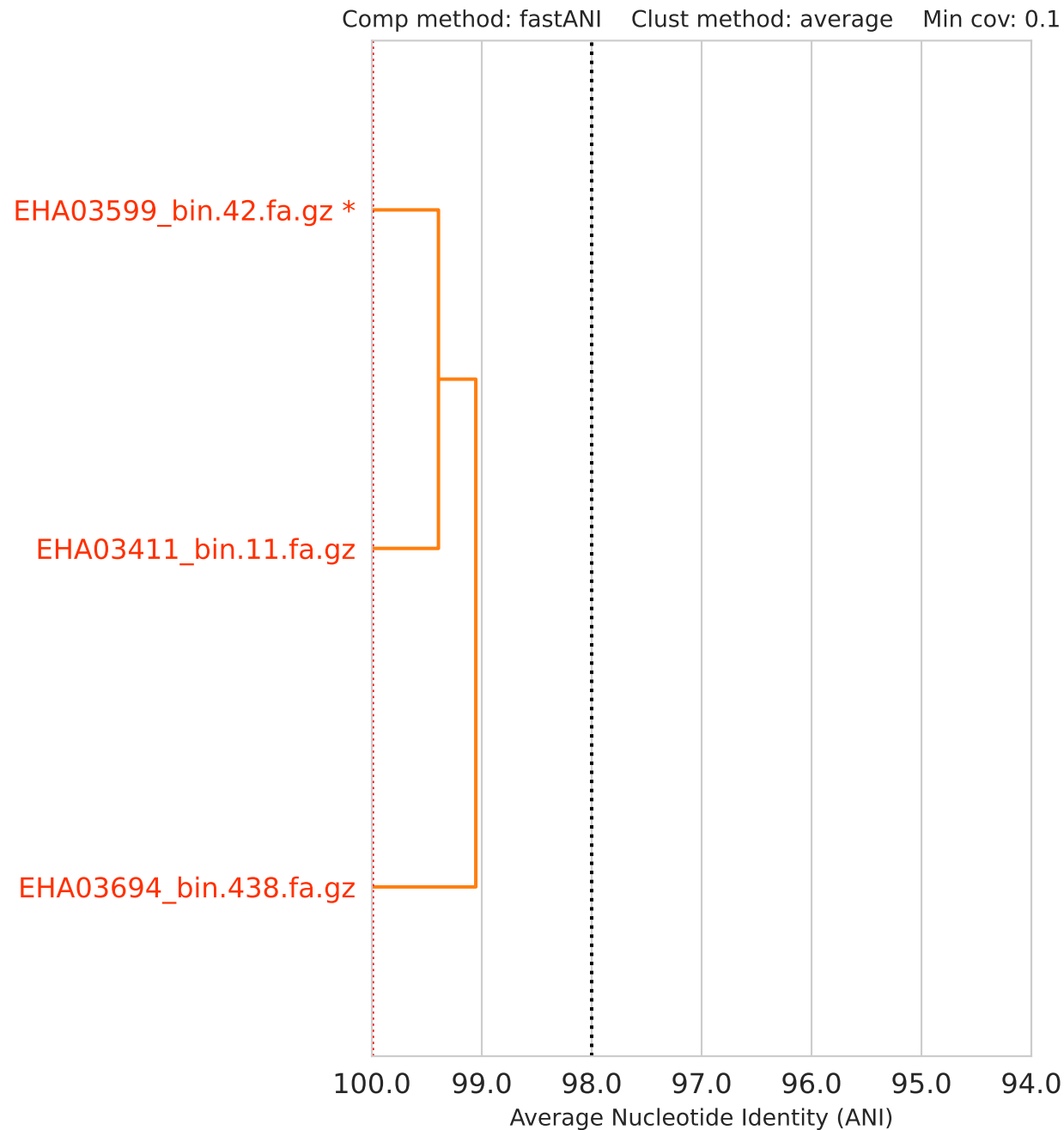
# Primary cluster 494



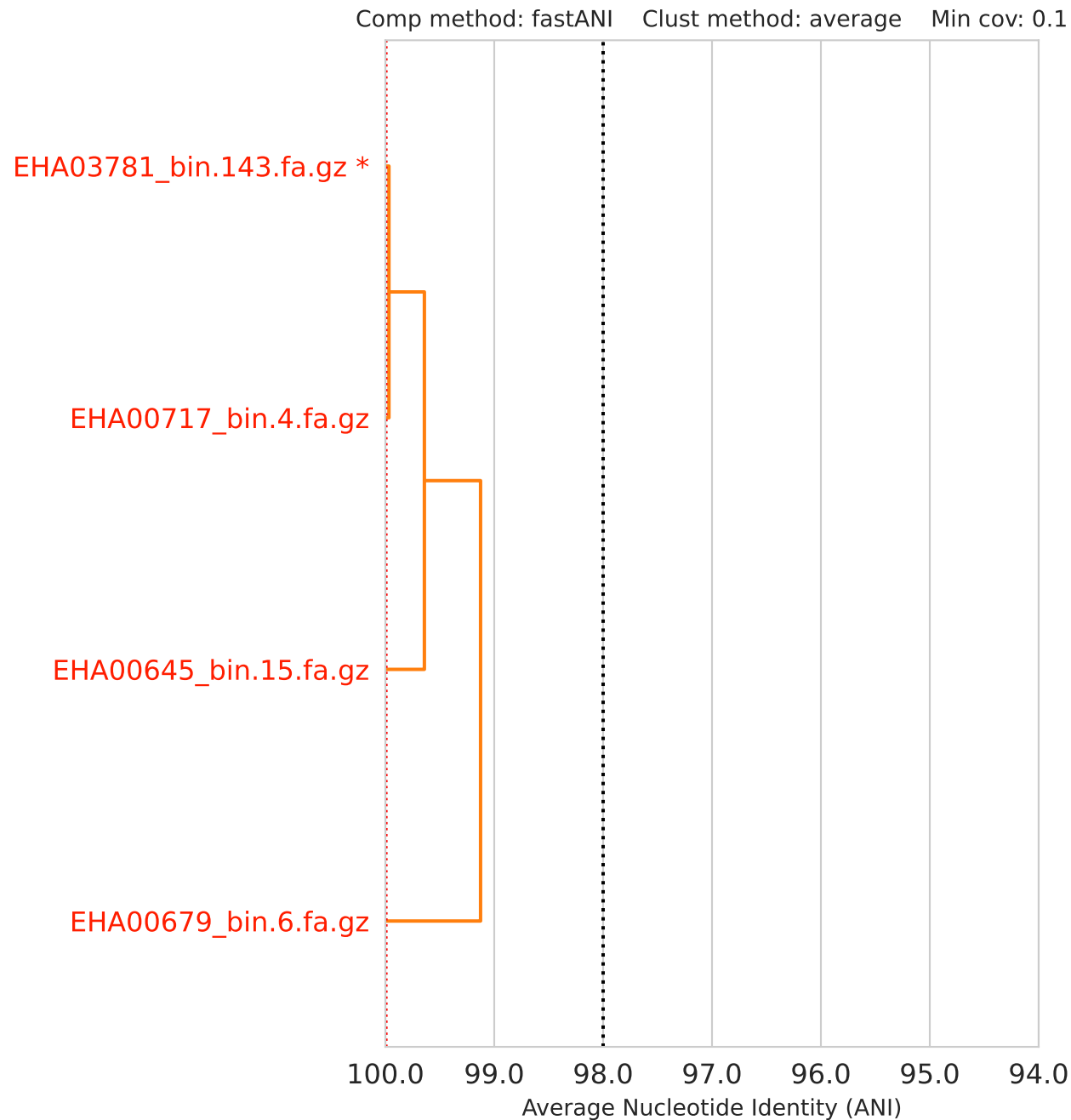
# Primary cluster 495



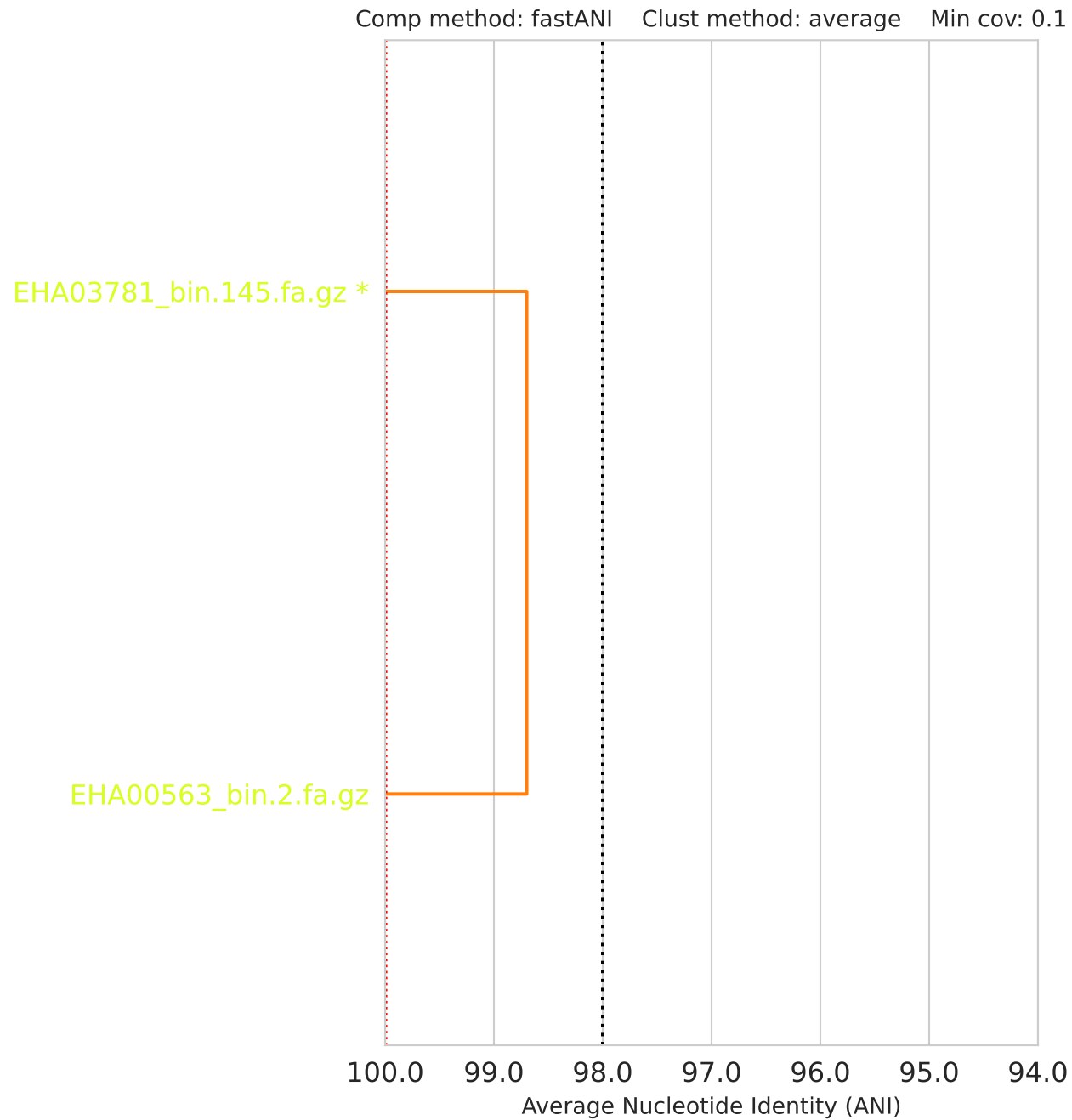
# Primary cluster 496



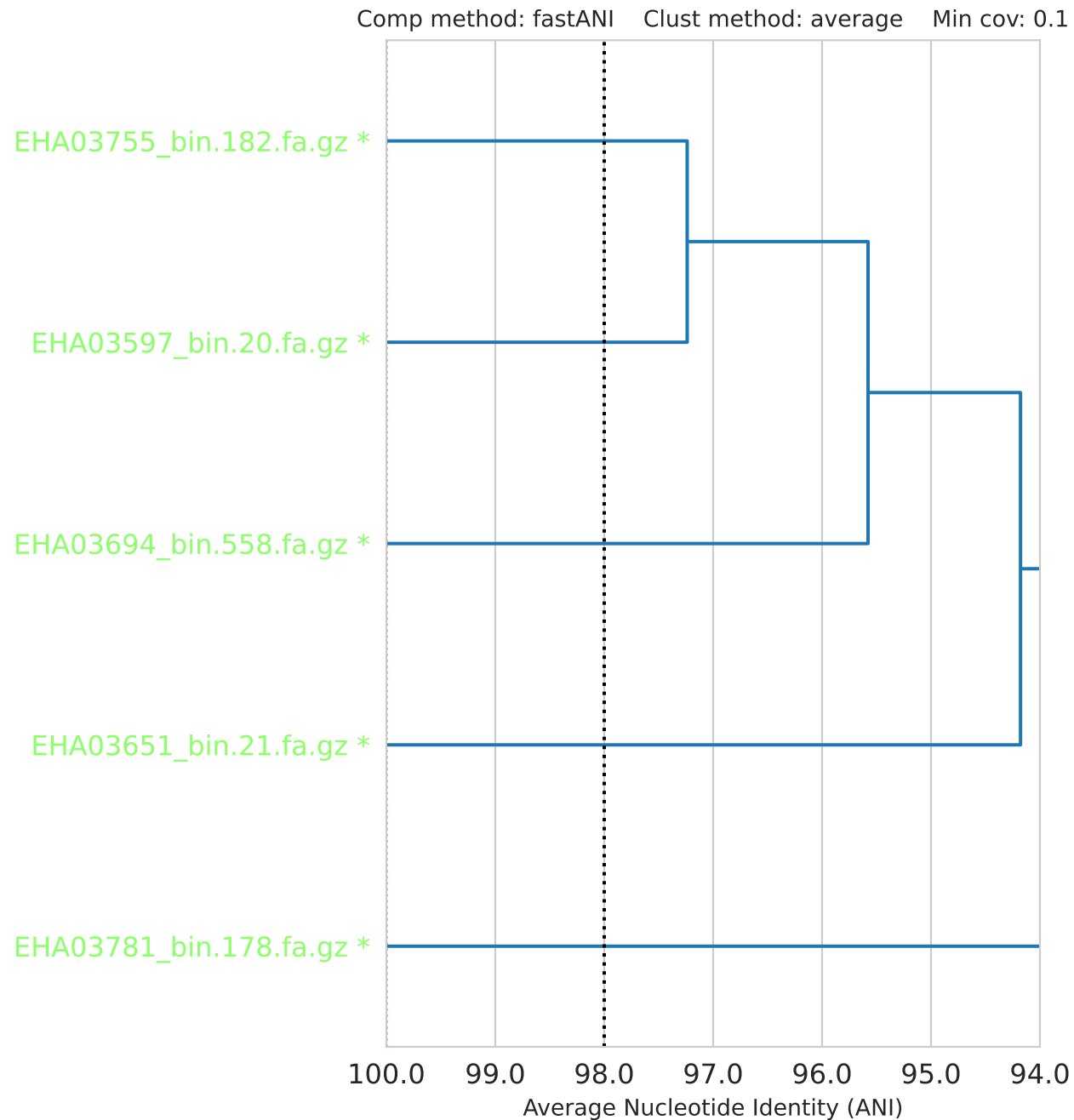
# Primary cluster 498



# Primary cluster 499



# Primary cluster 501





# Primary cluster 502

Comp method: fastANI

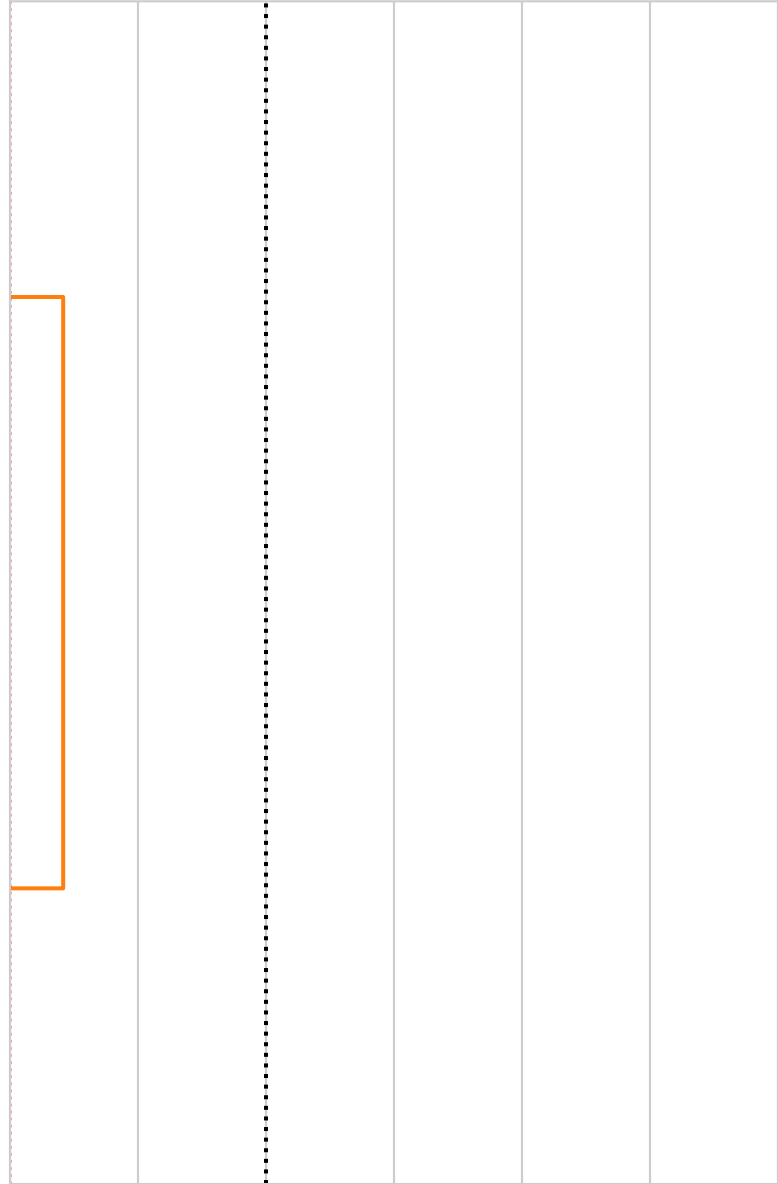
Clust method: average

Min cov: 0.1

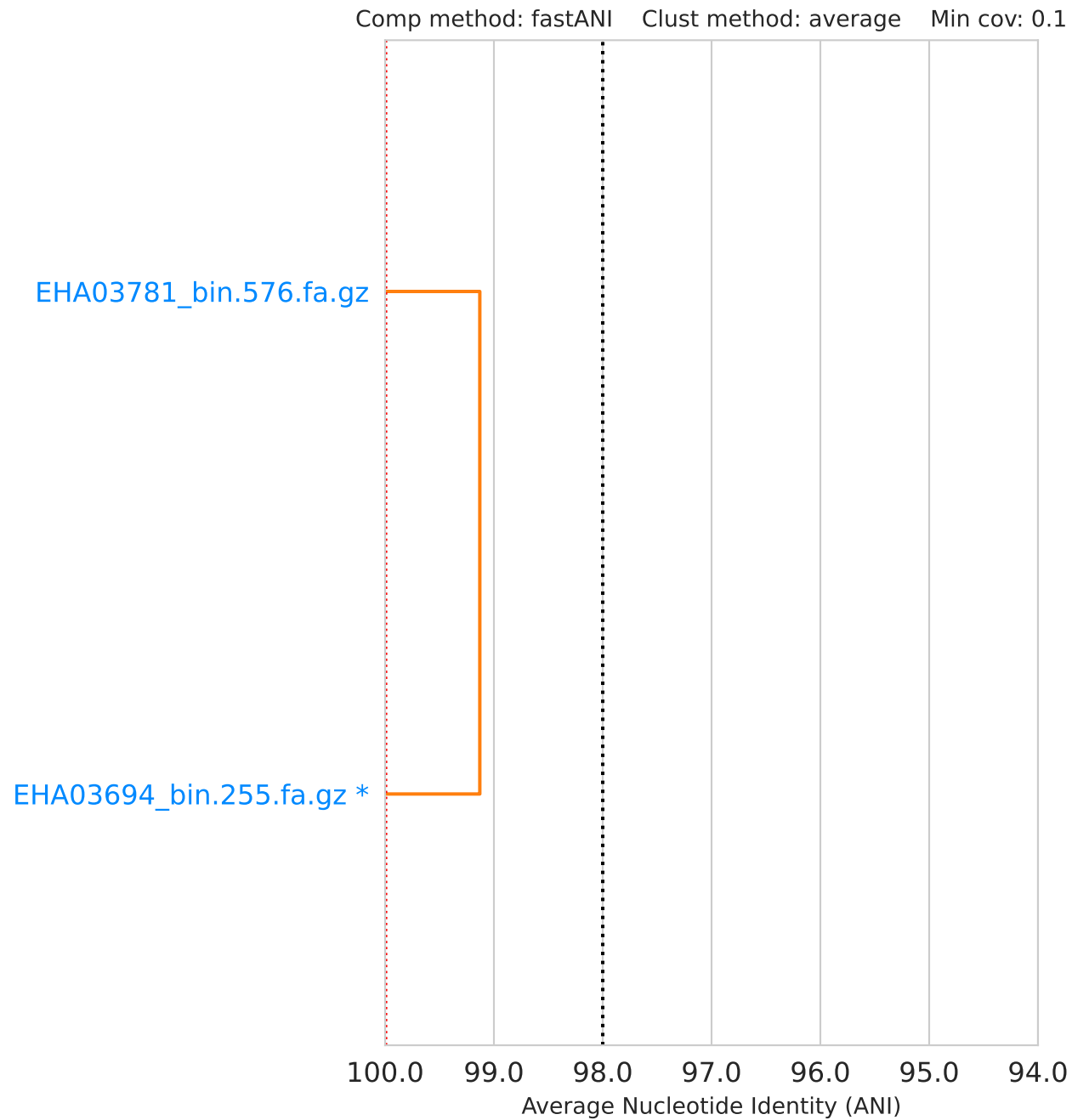
EHA03694\_bin.435.fa.gz \*

EHA01443\_bin.13.fa.gz

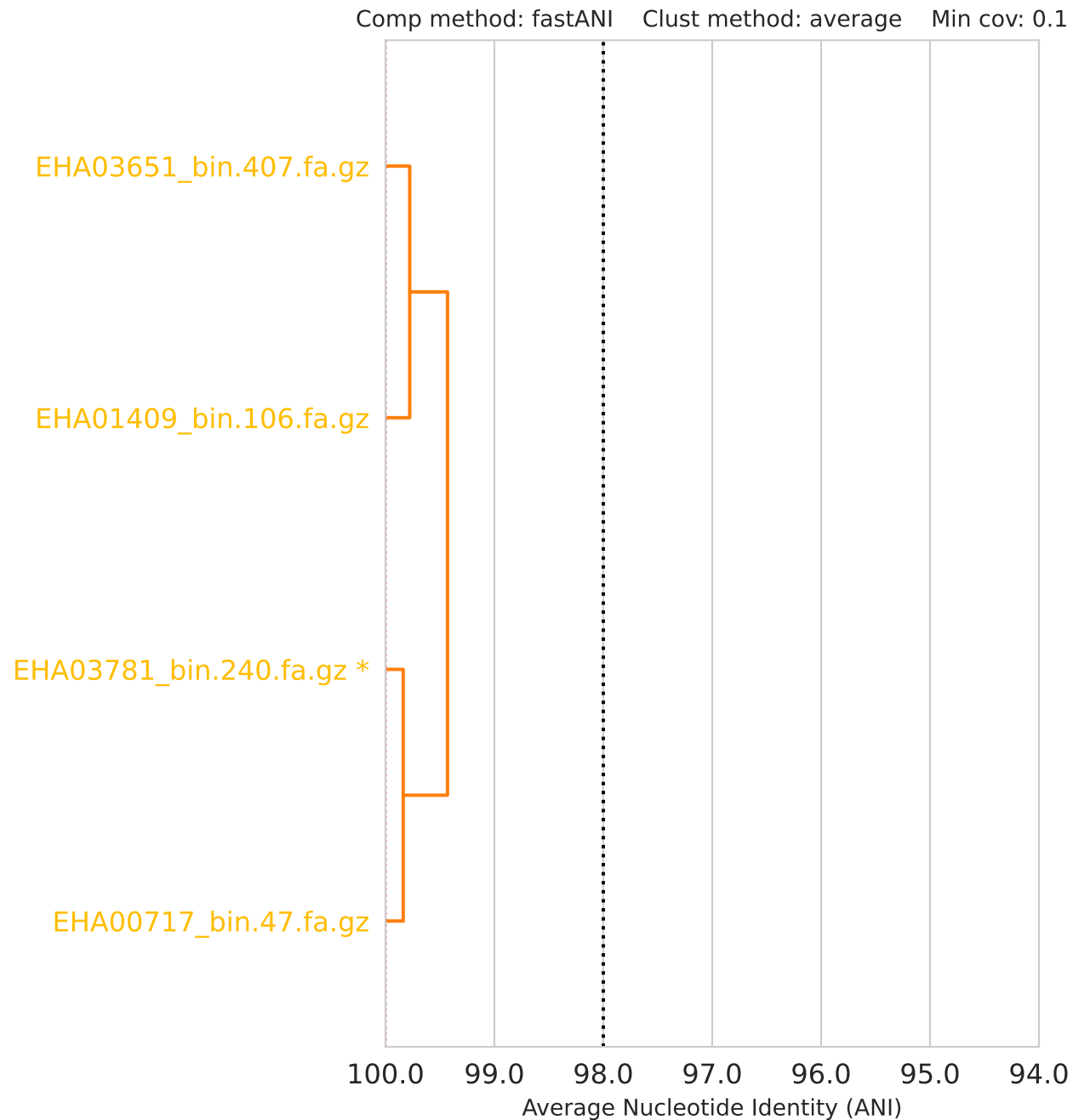
100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



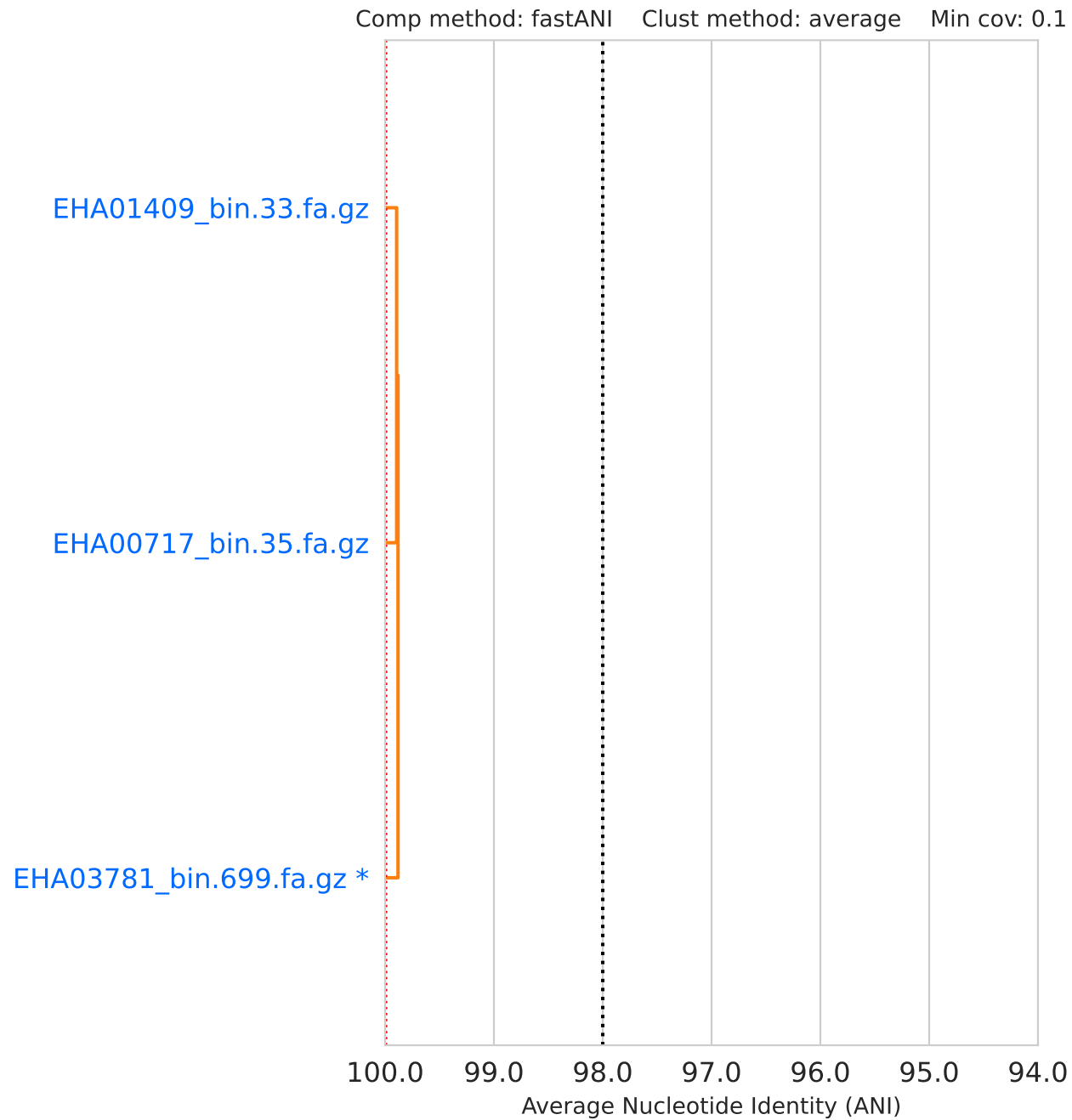
# Primary cluster 504



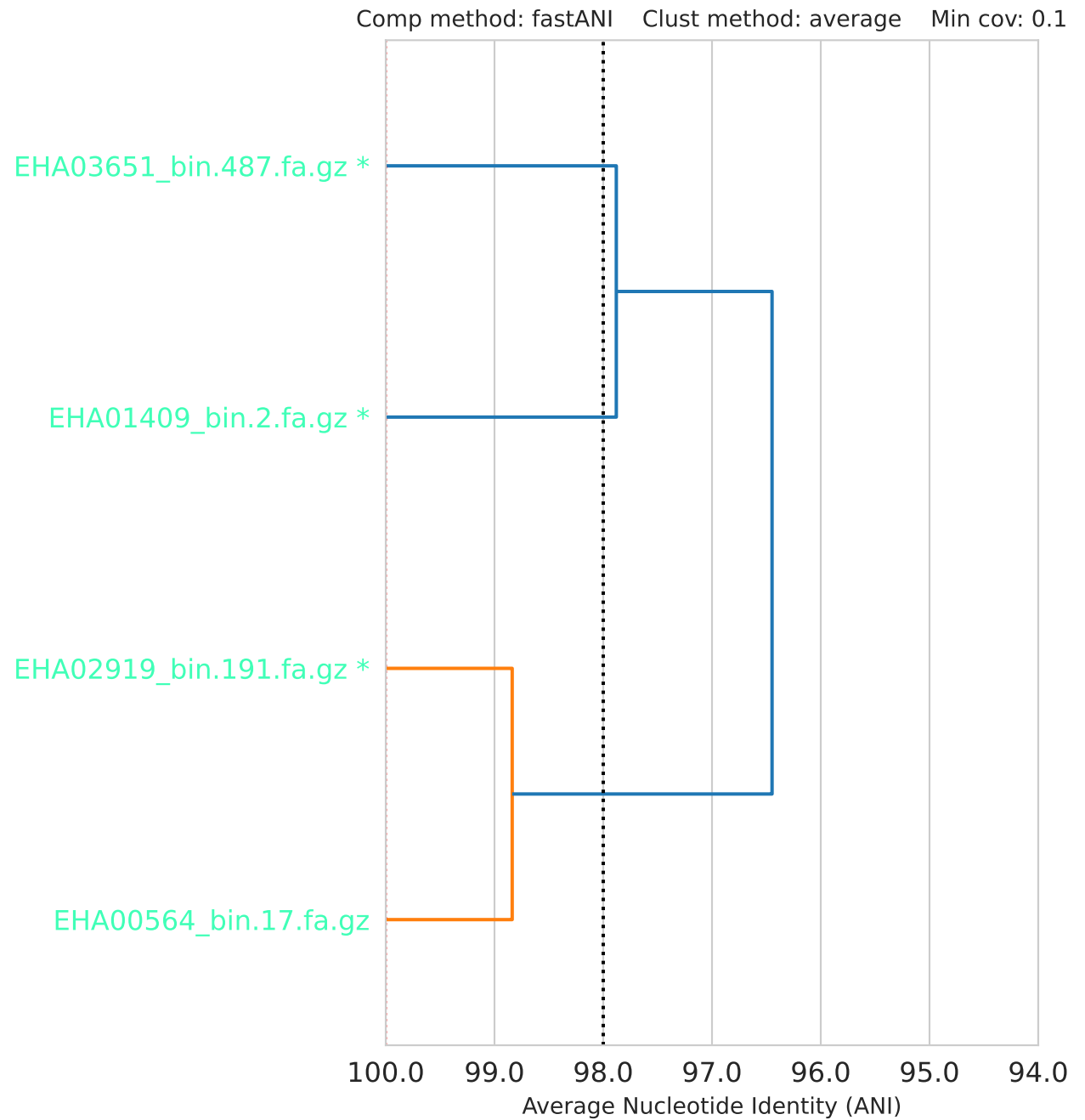
# Primary cluster 507



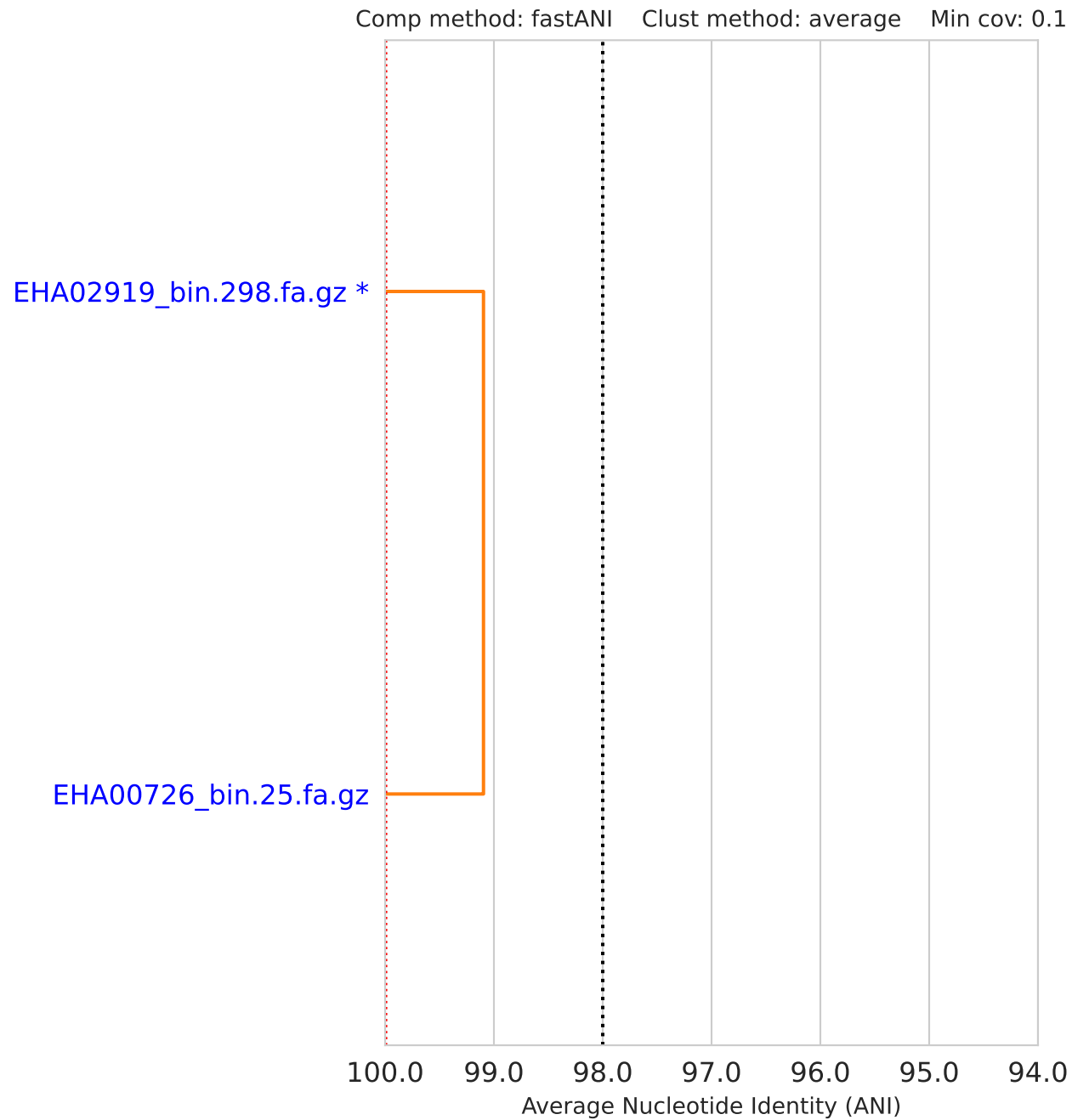
# Primary cluster 508



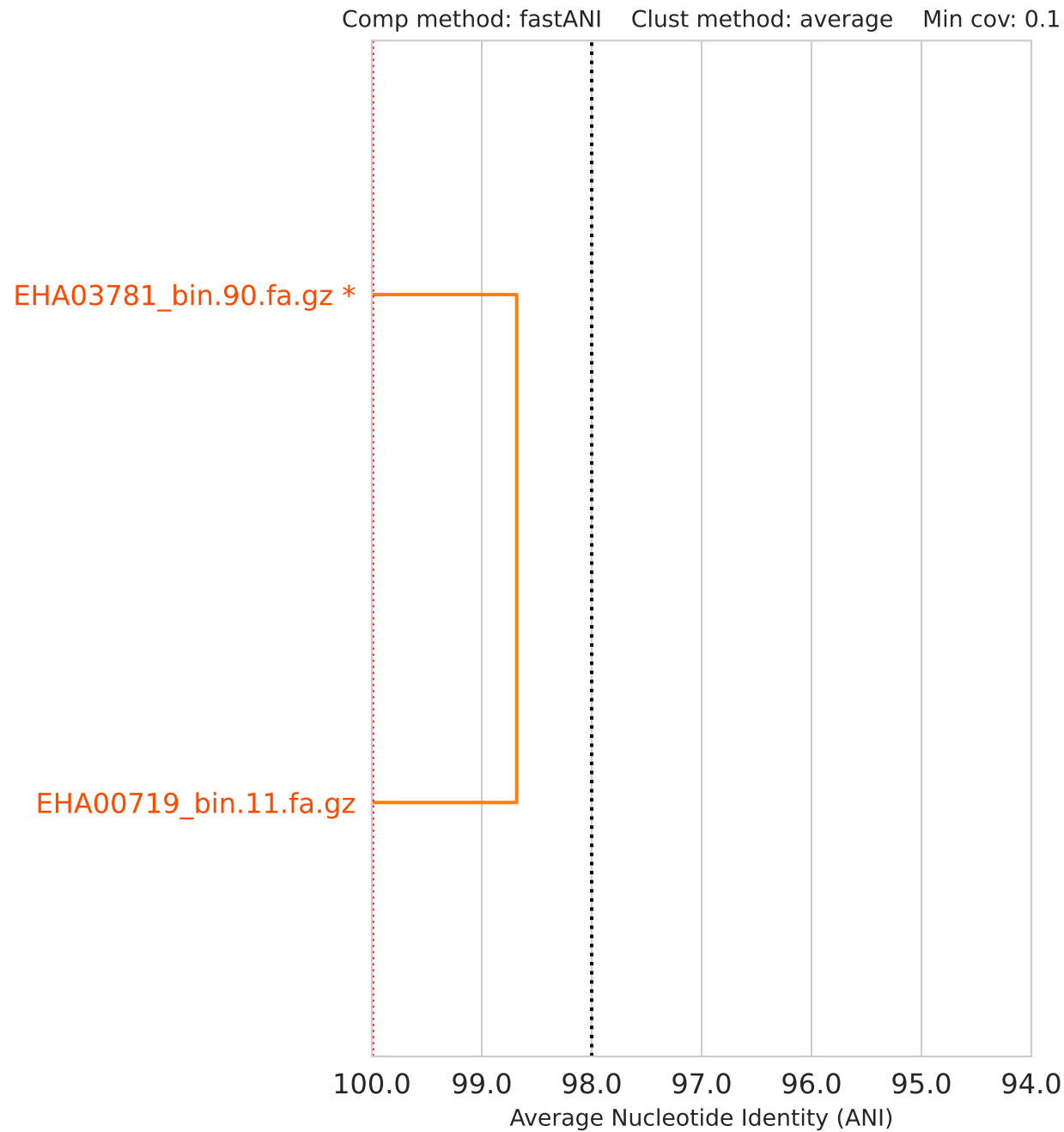
# Primary cluster 509



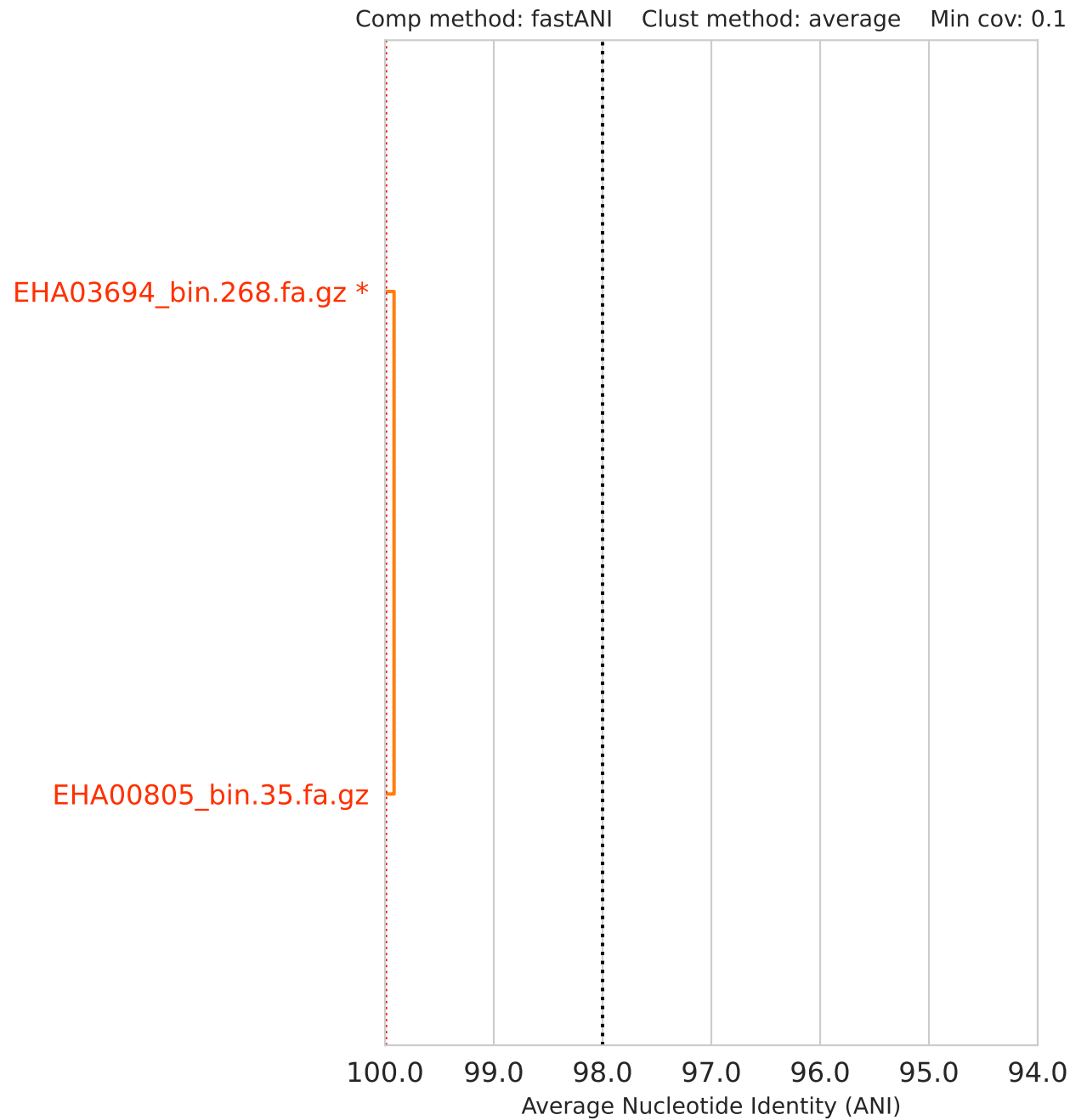
# Primary cluster 510



# Primary cluster 514

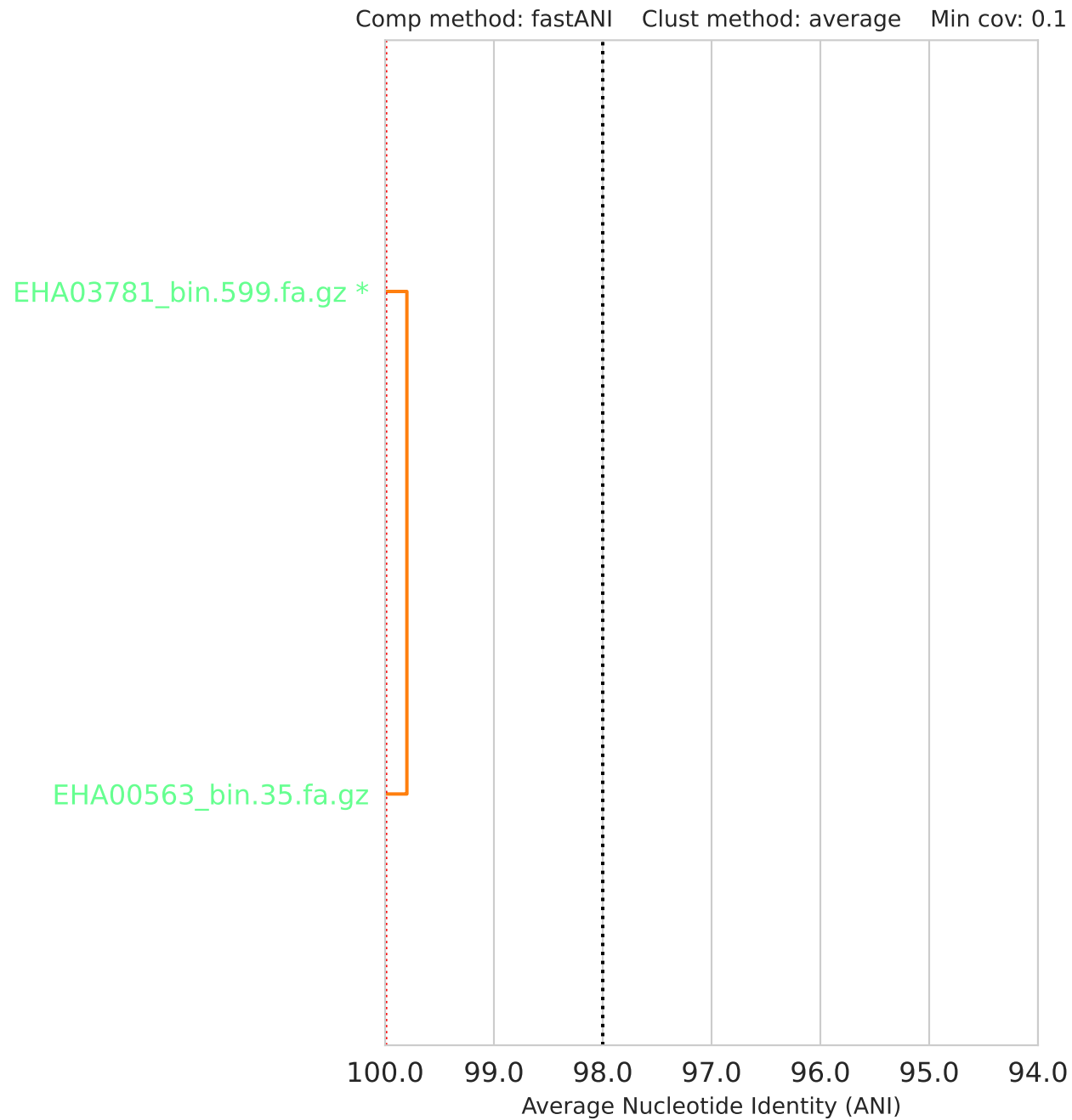


# Primary cluster 517

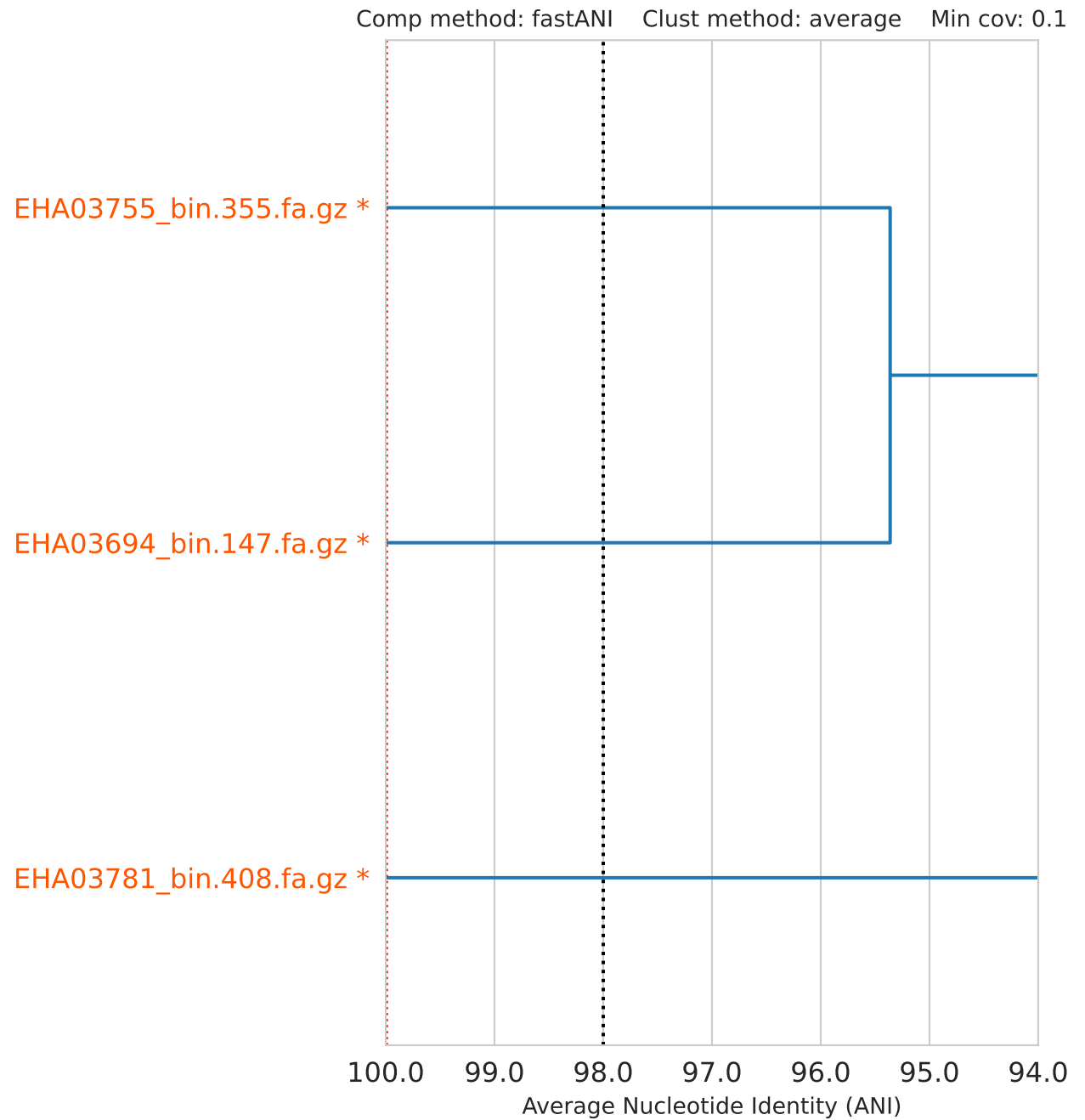




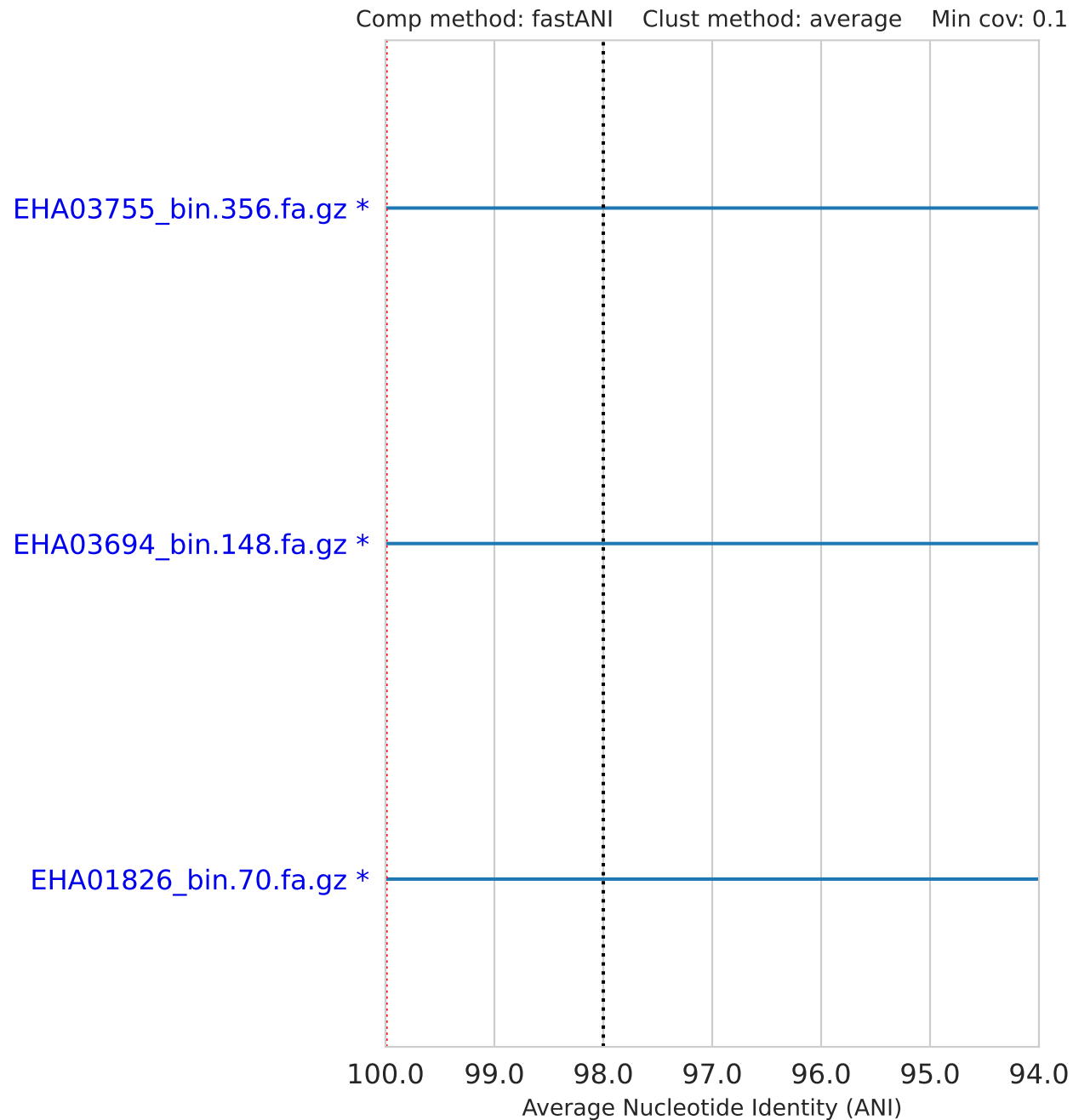
# Primary cluster 519



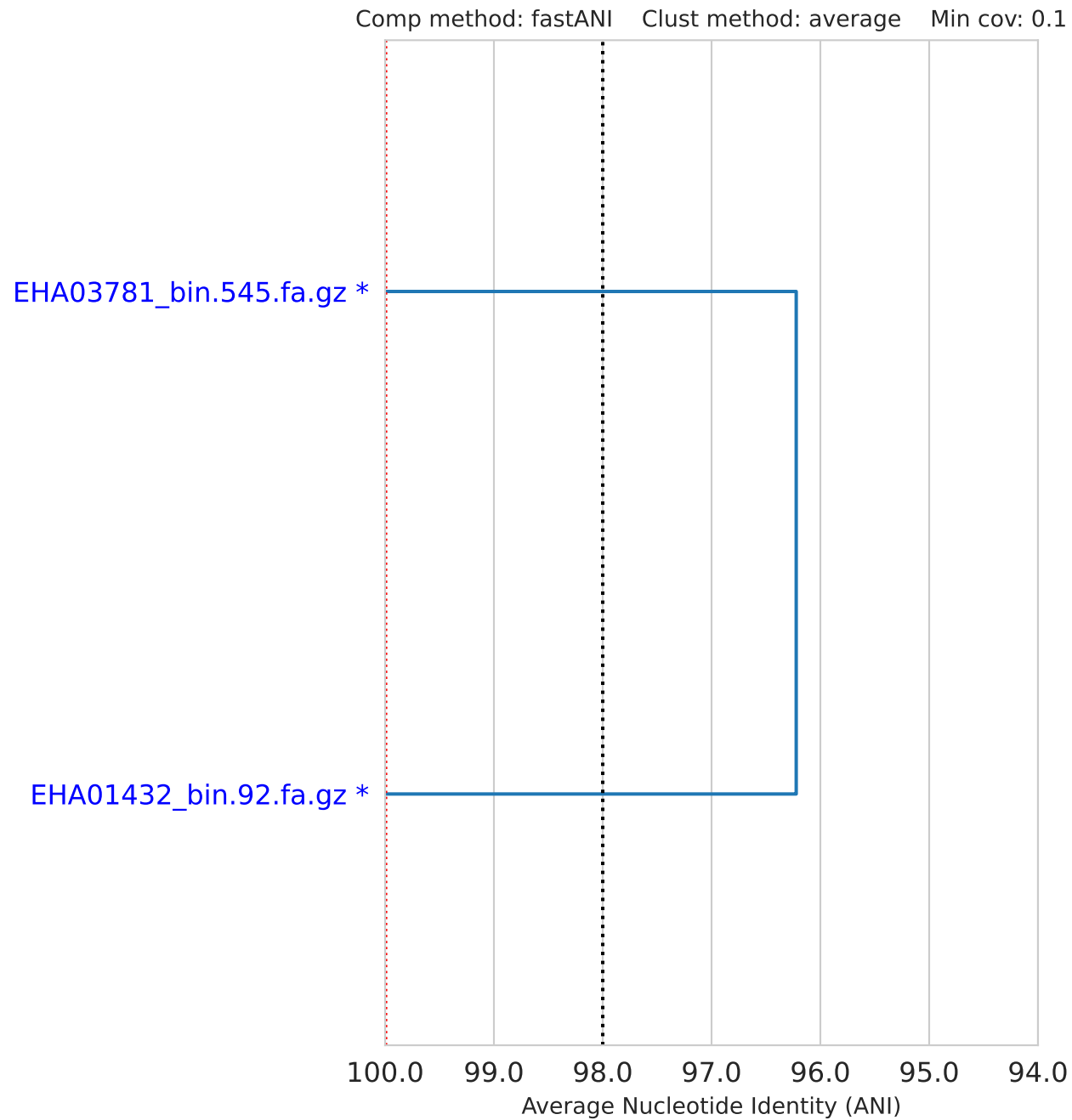
# Primary cluster 522



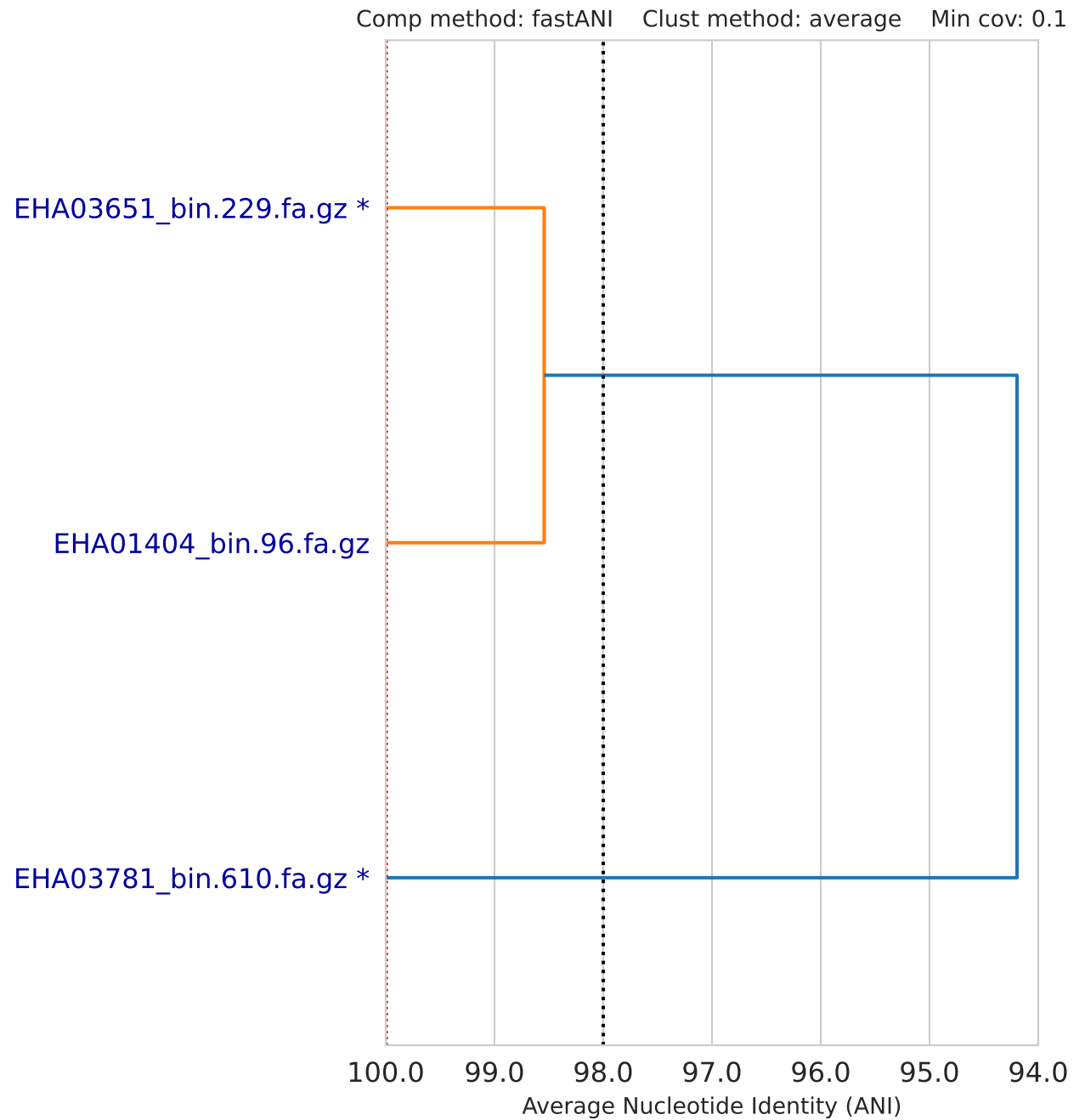
# Primary cluster 523



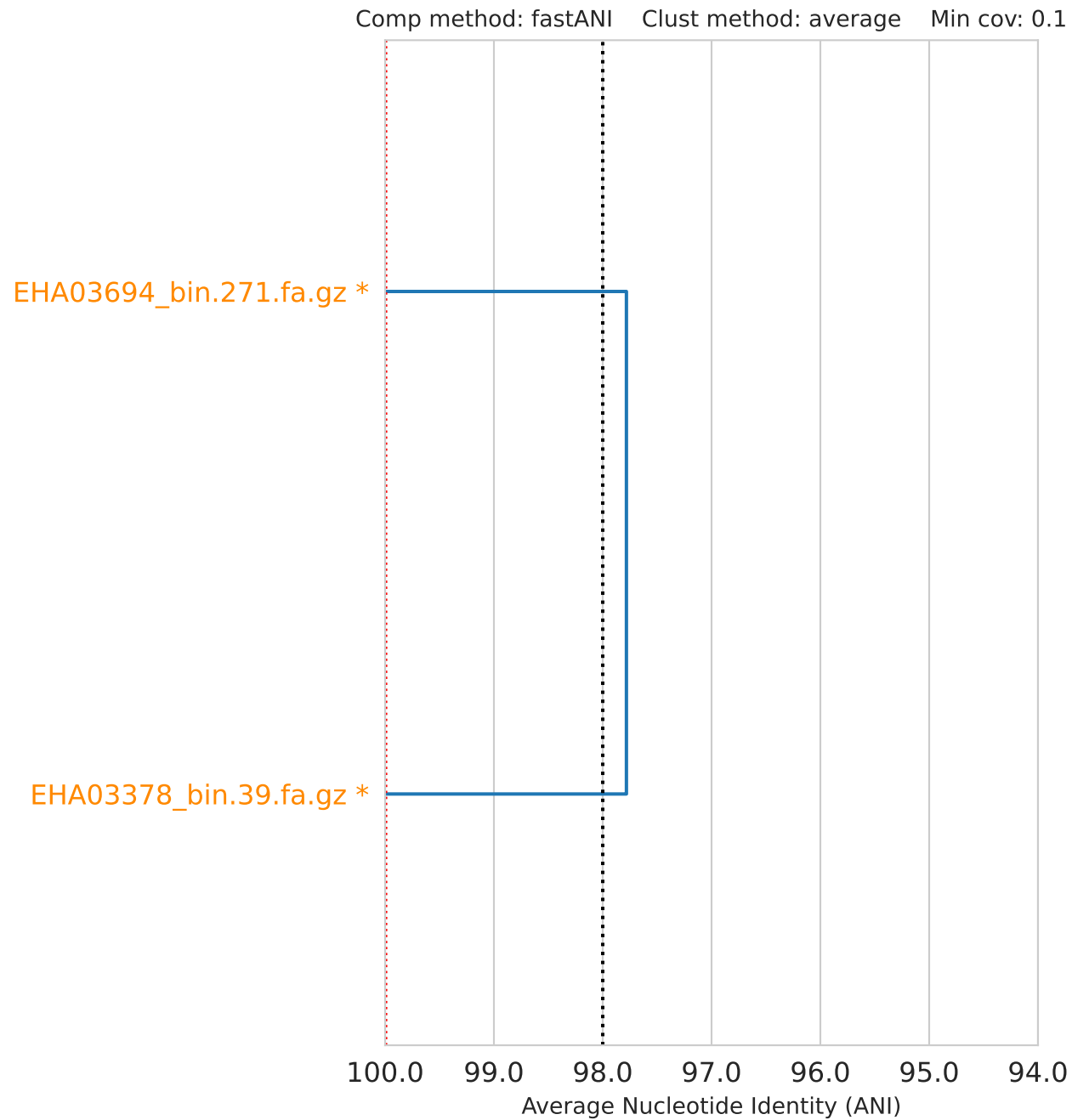
# Primary cluster 525



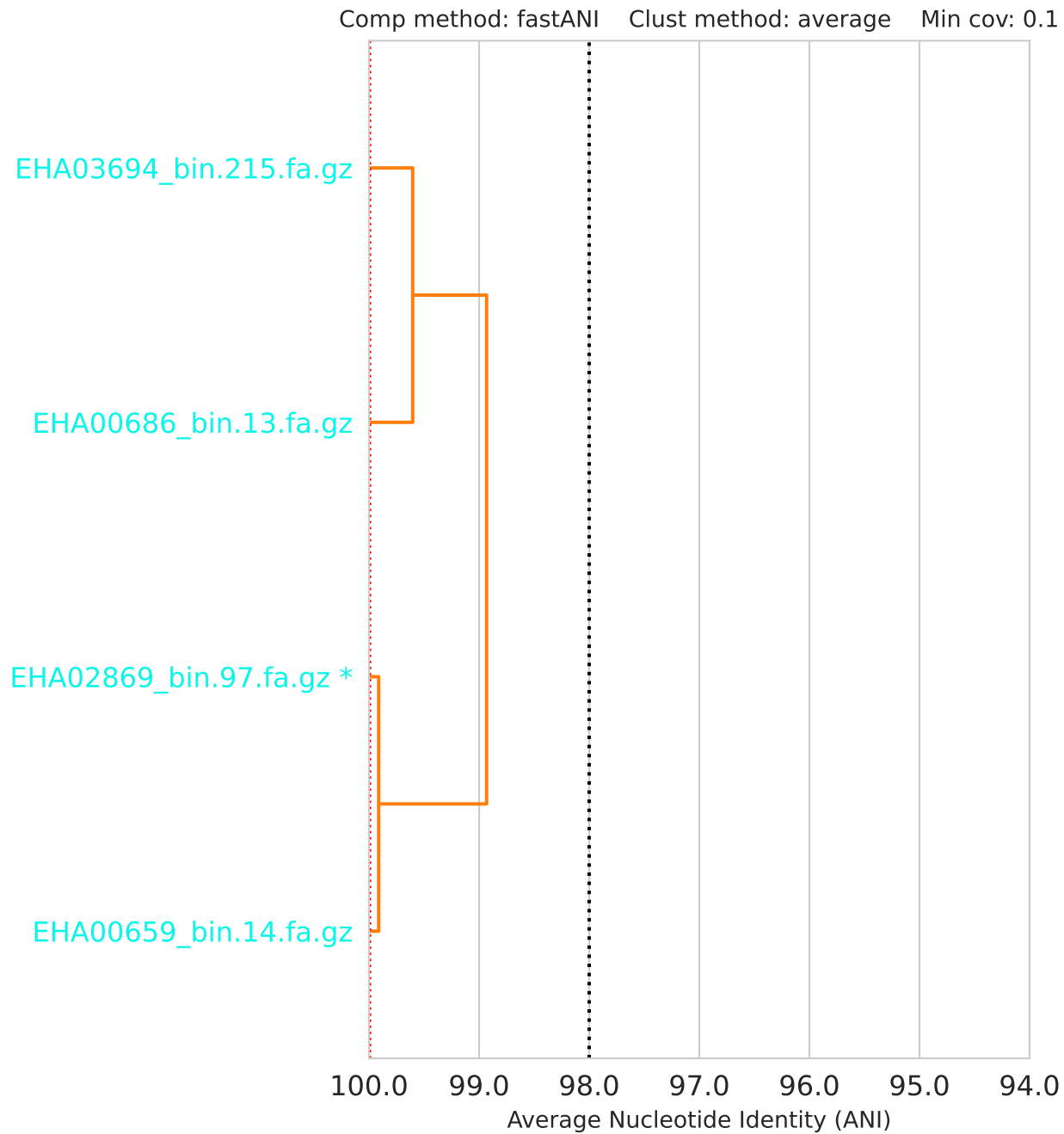
# Primary cluster 528



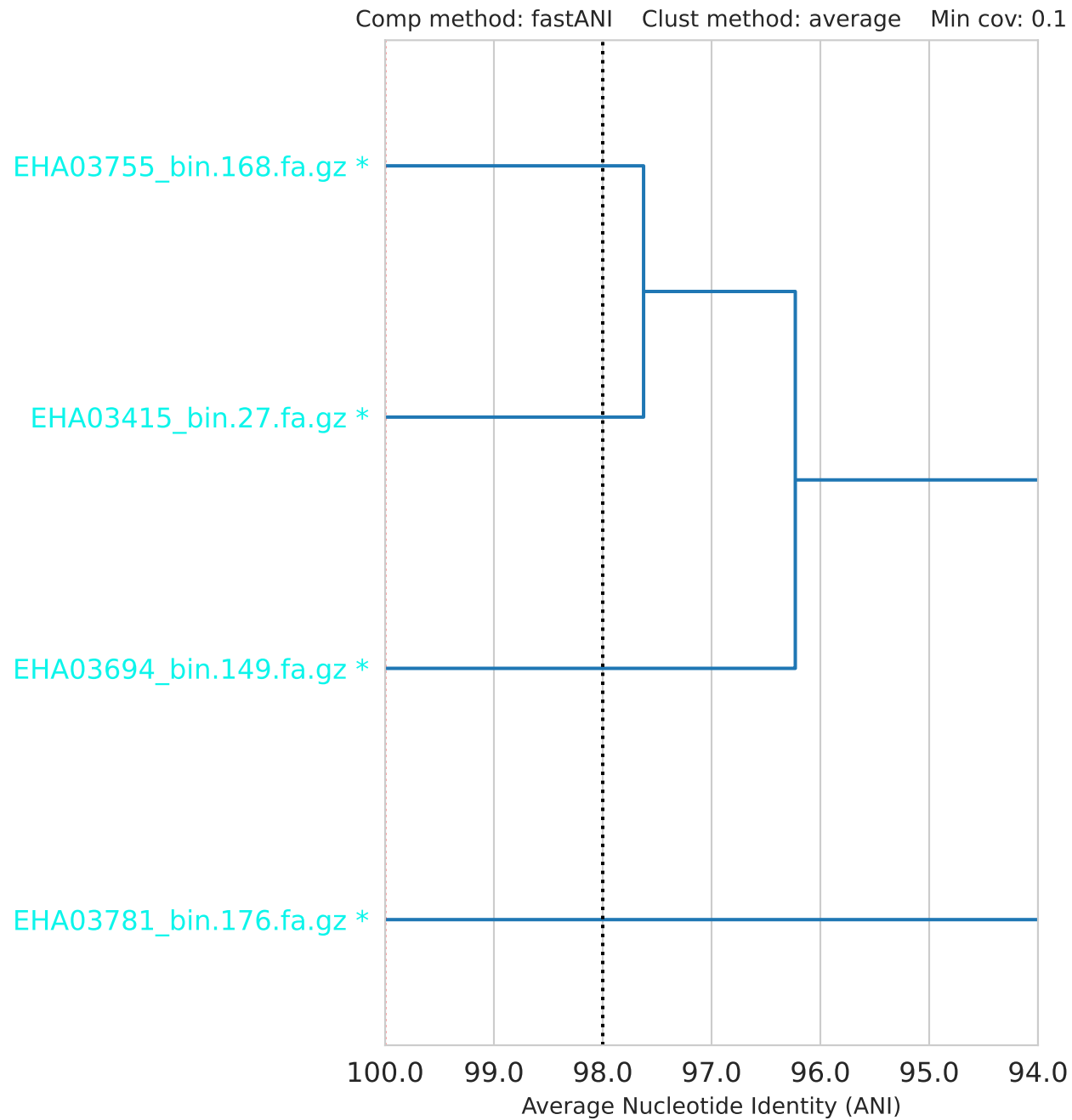
# Primary cluster 534



# Primary cluster 536

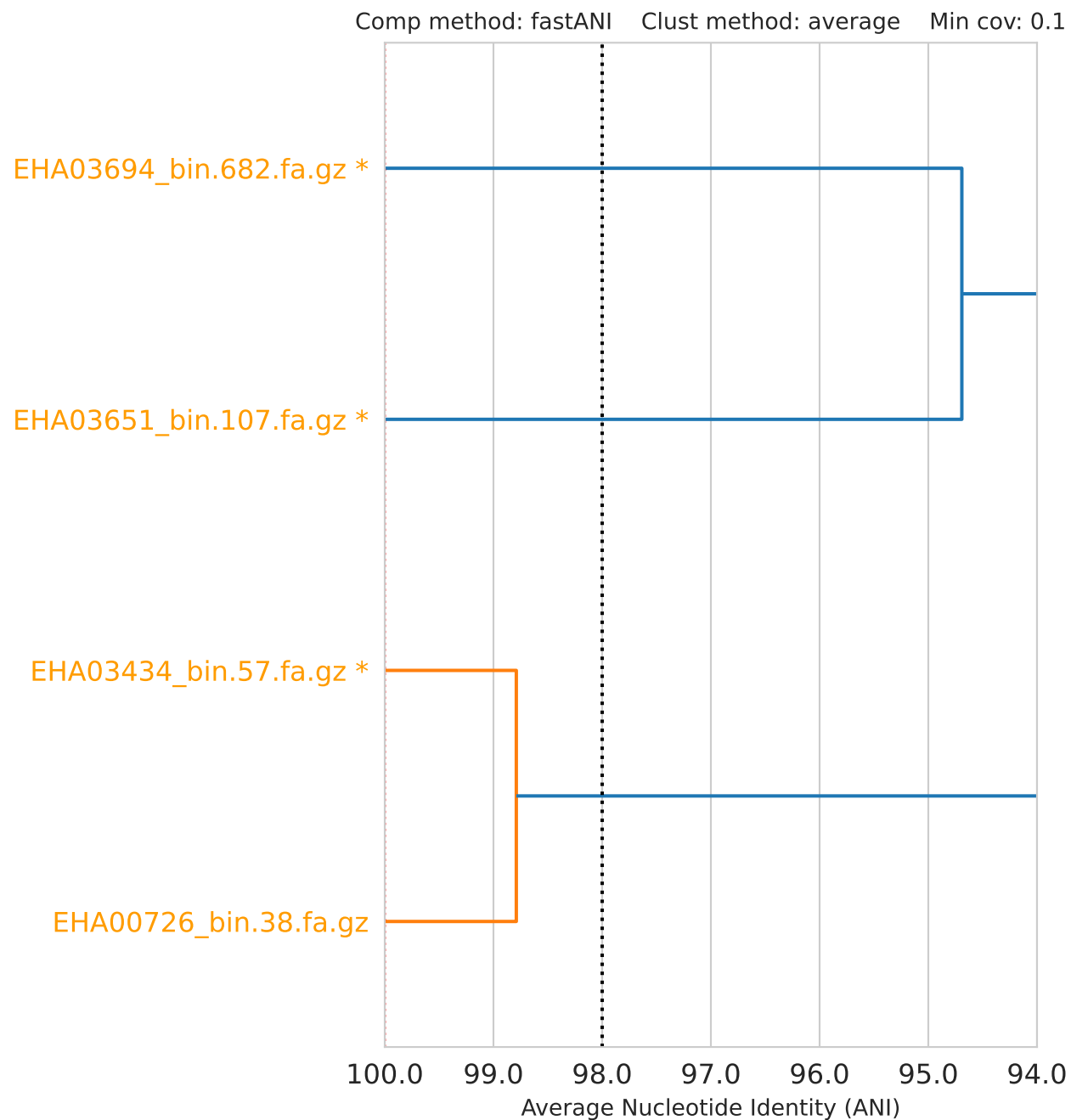


# Primary cluster 537

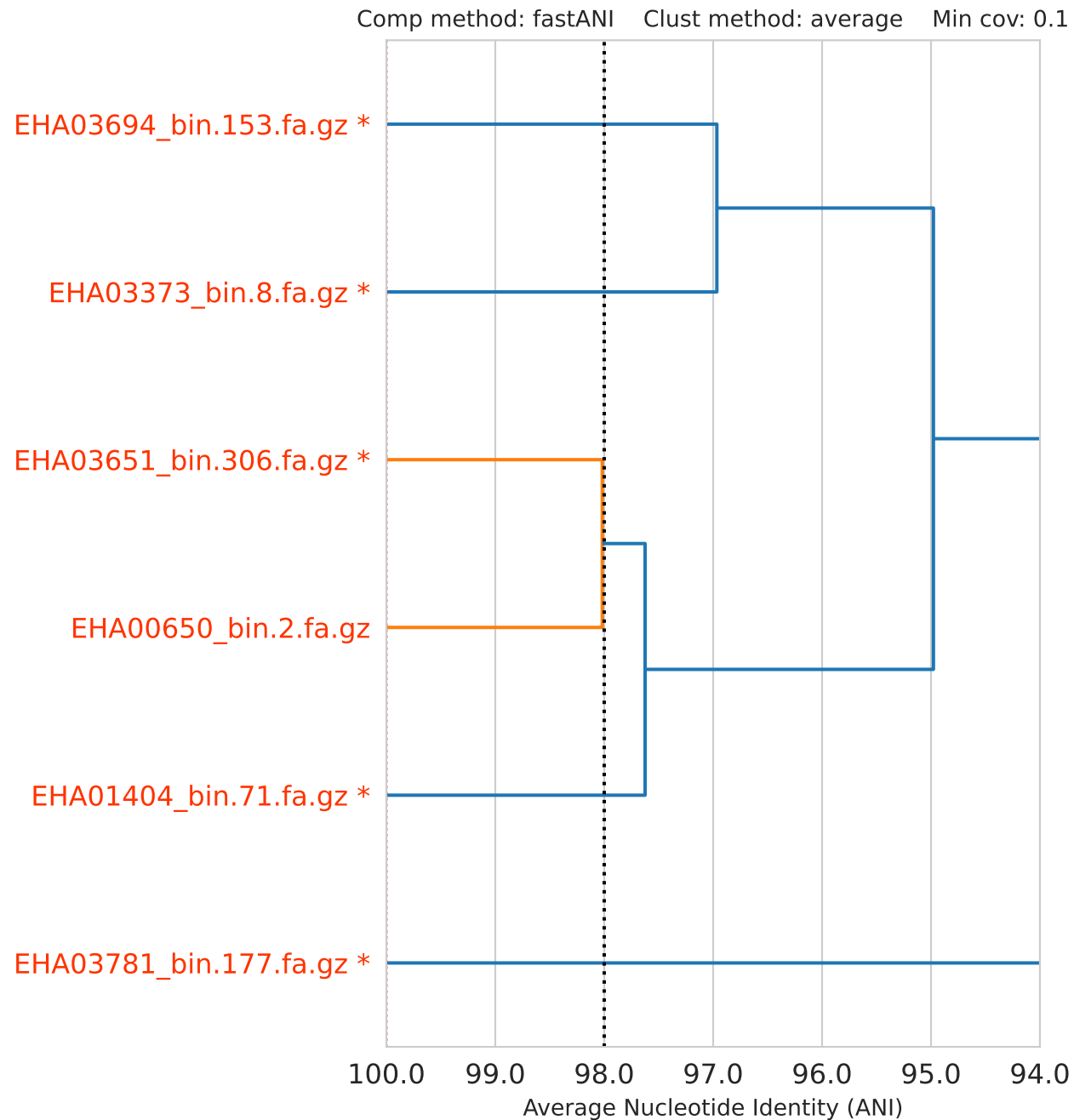




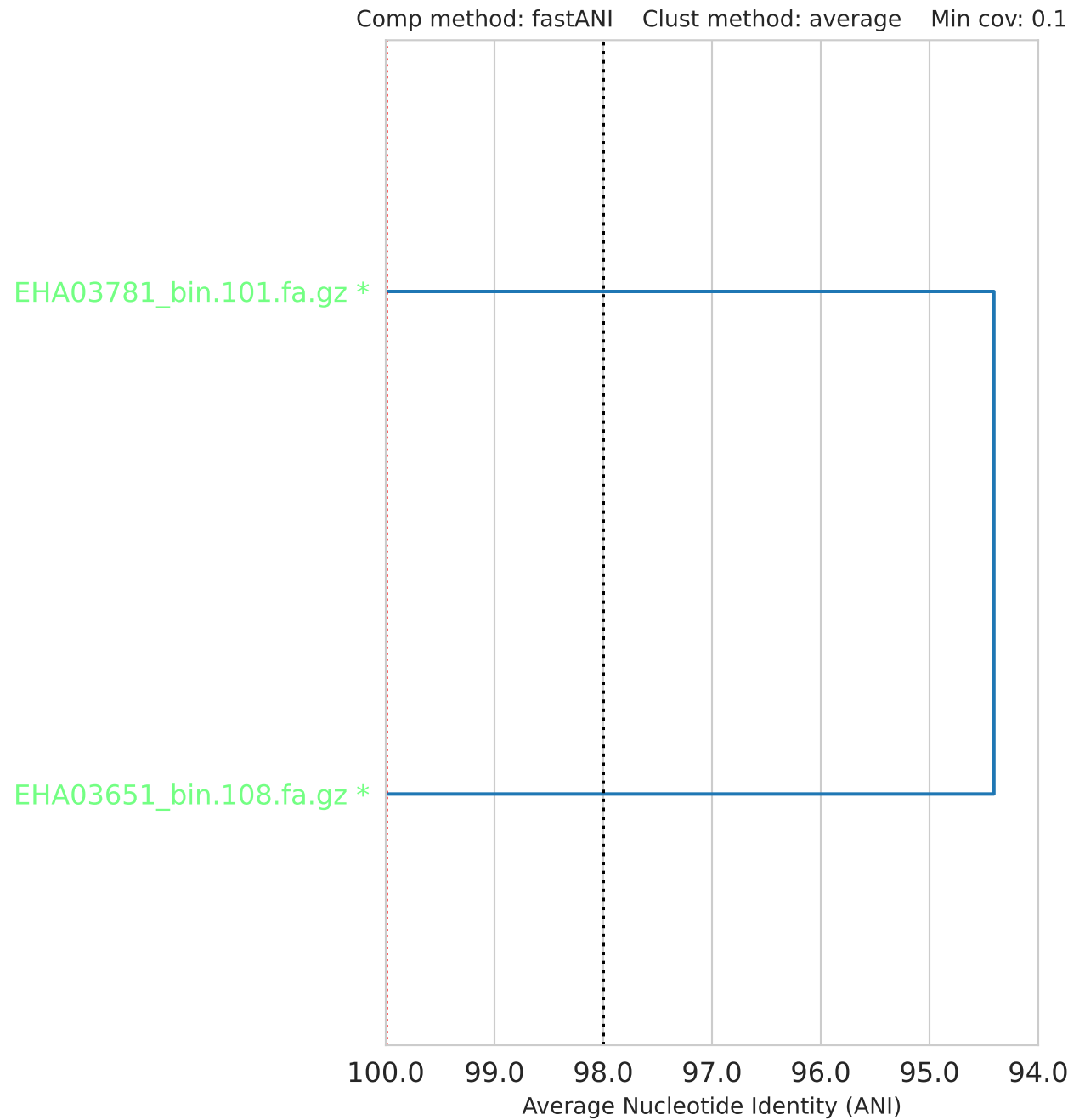
# Primary cluster 538



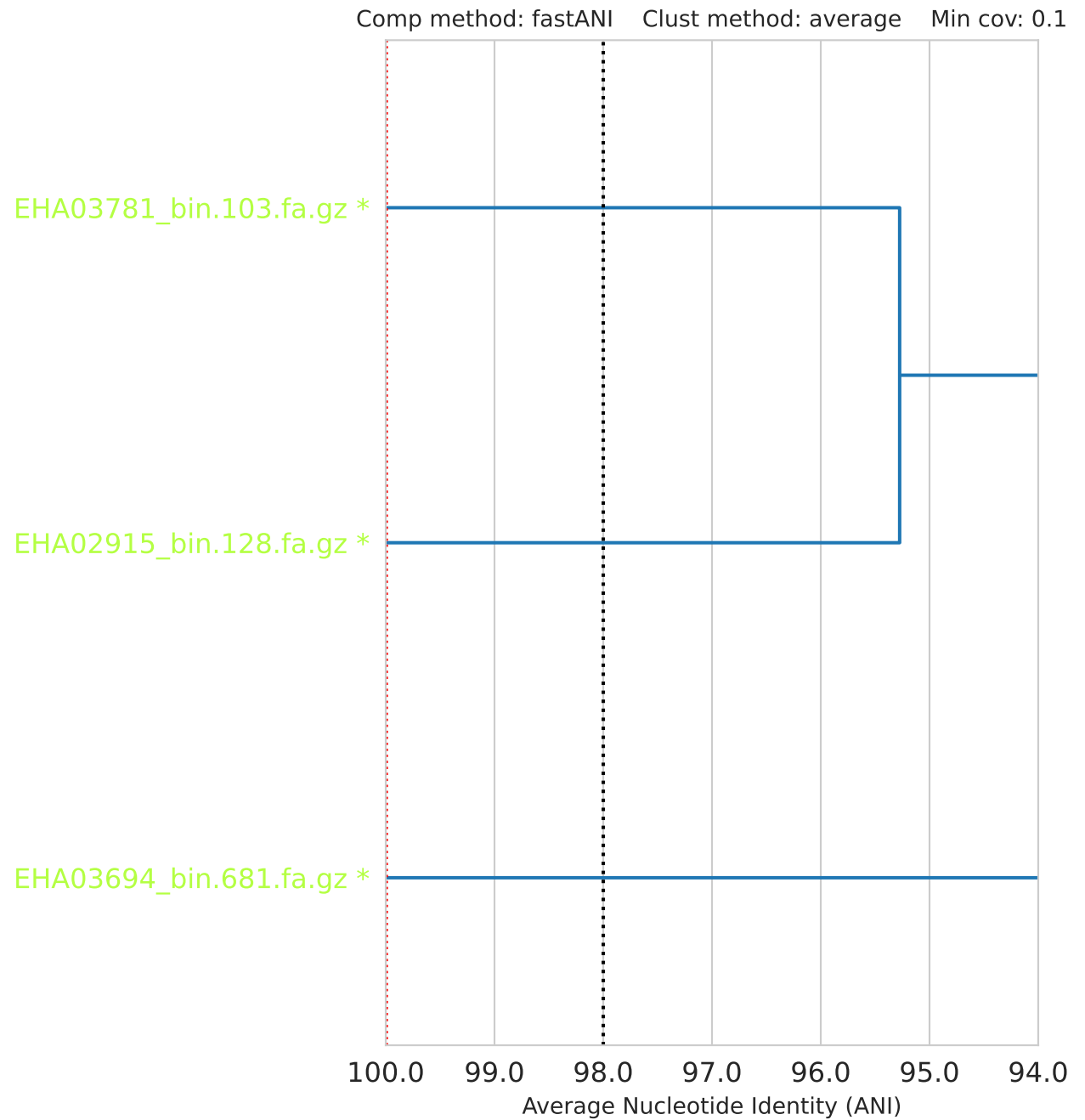
# Primary cluster 539



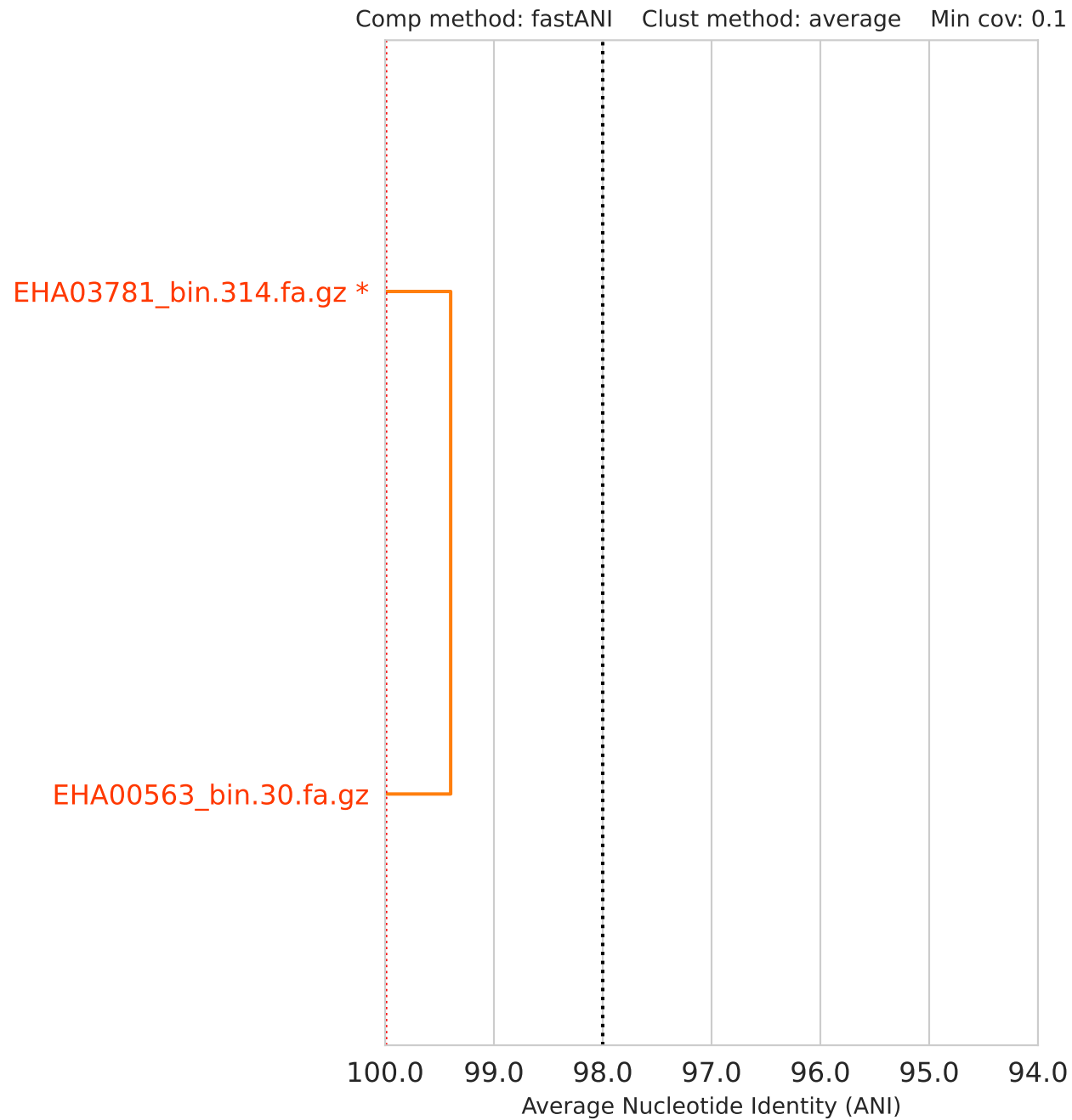
# Primary cluster 541



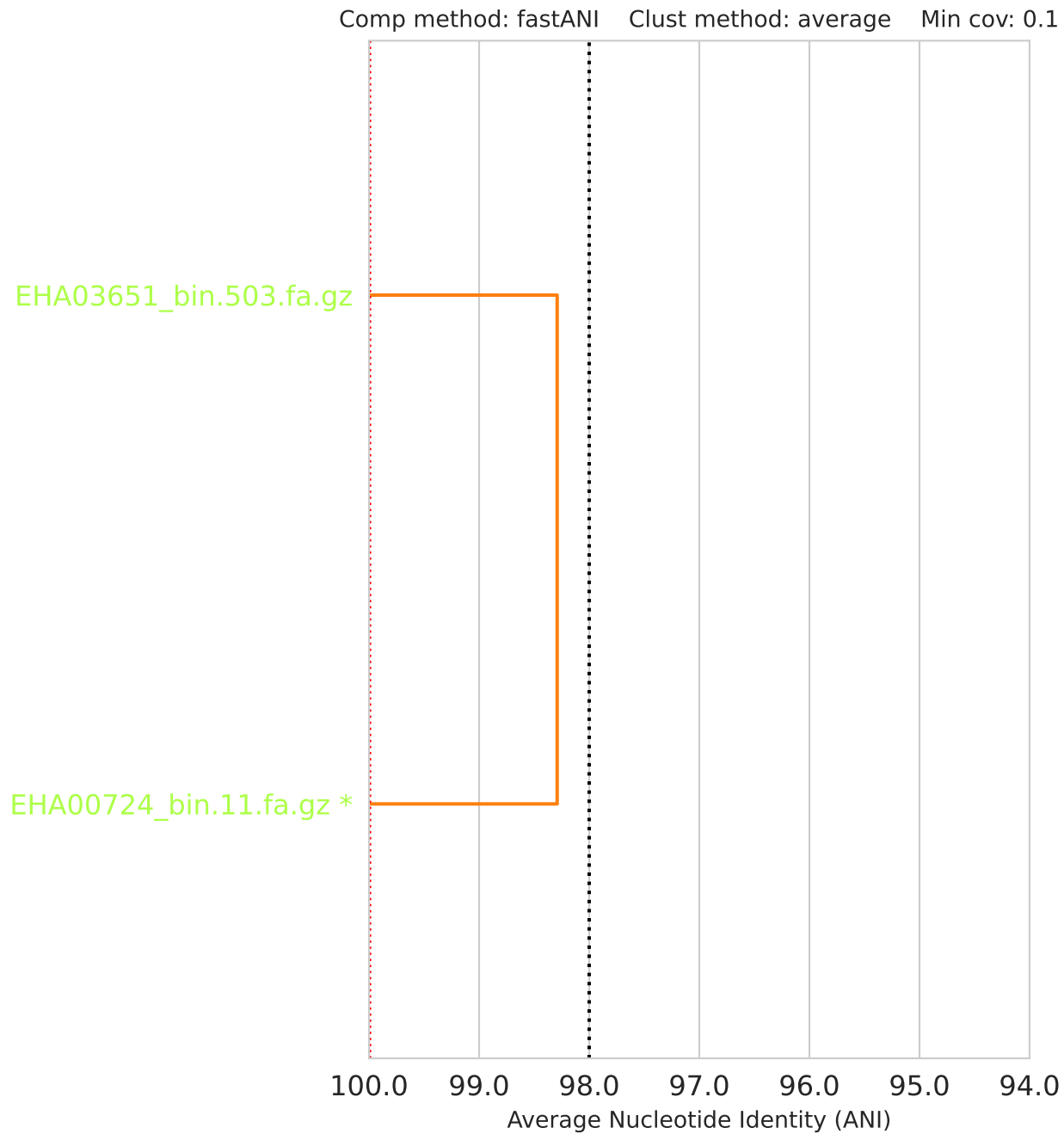
# Primary cluster 542



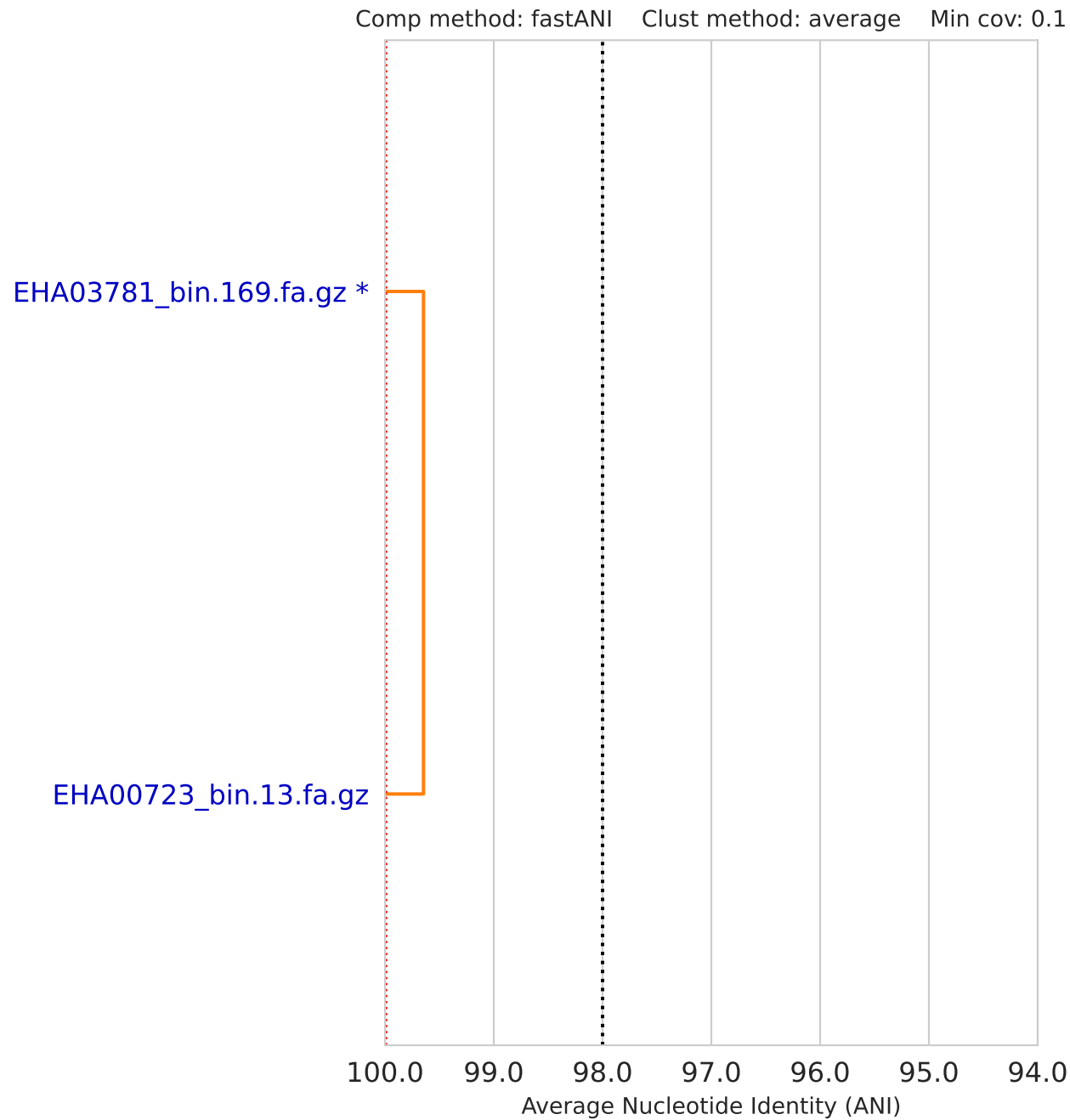
# Primary cluster 562



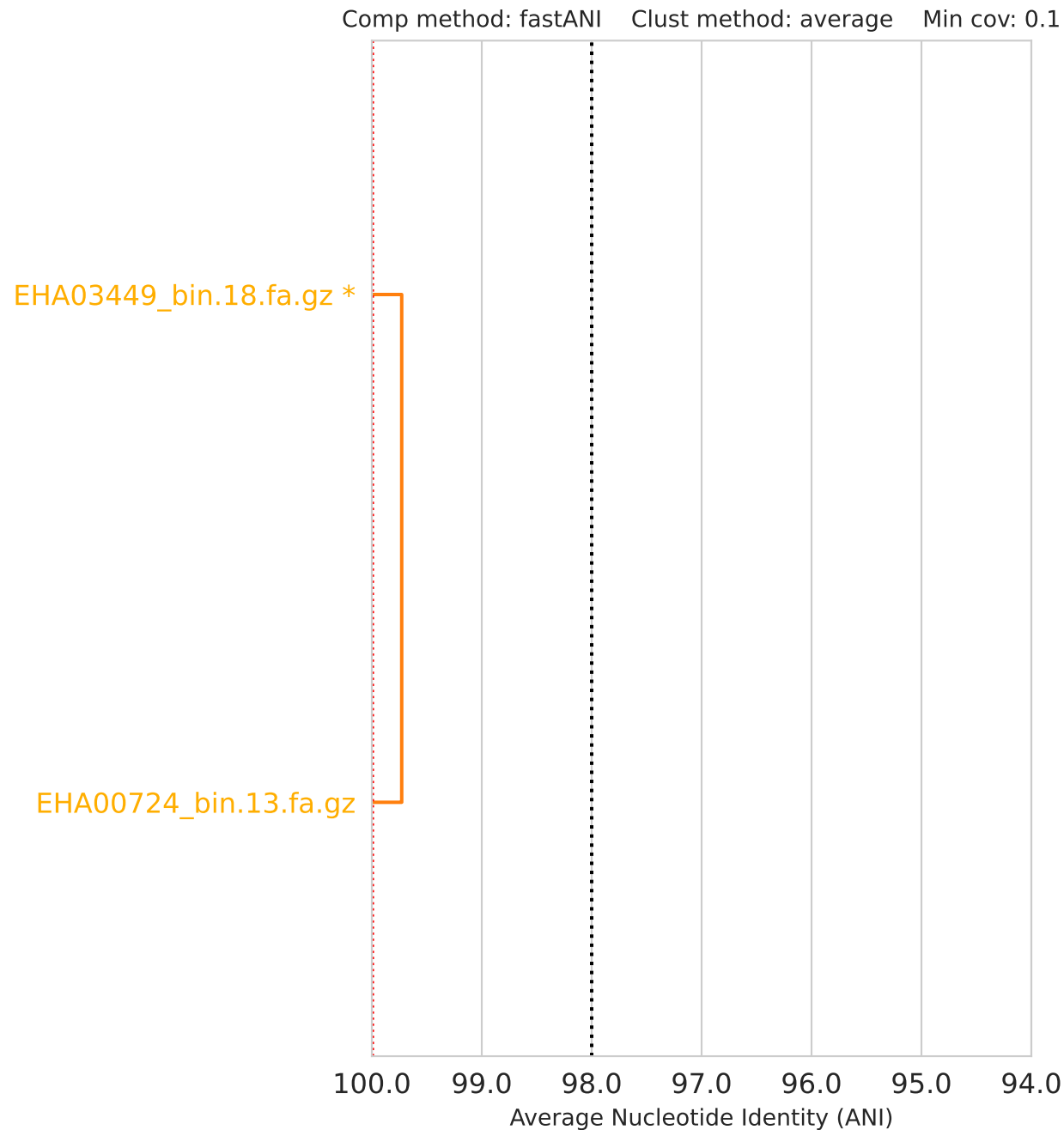
# Primary cluster 563



# Primary cluster 564

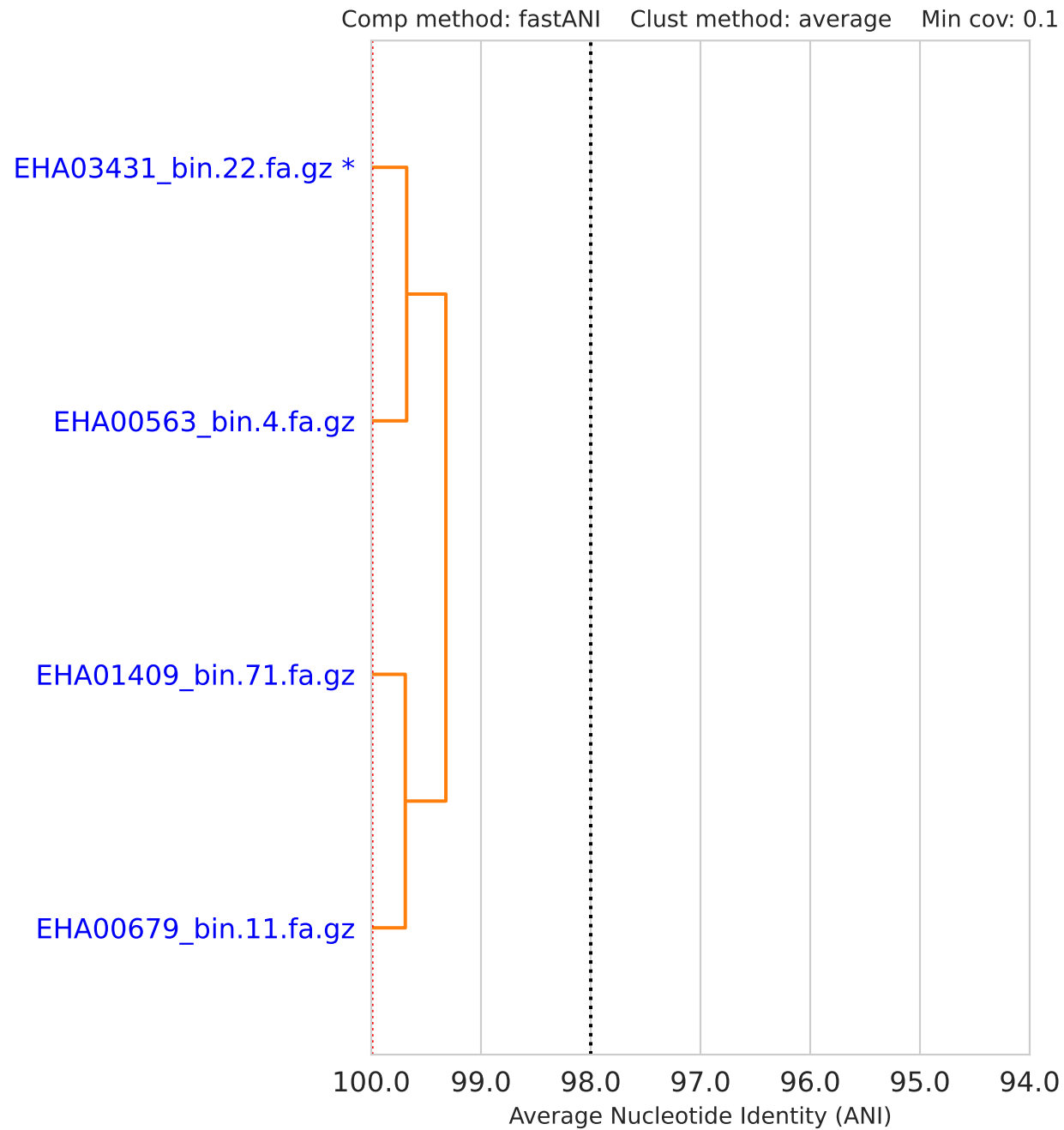


# Primary cluster 565

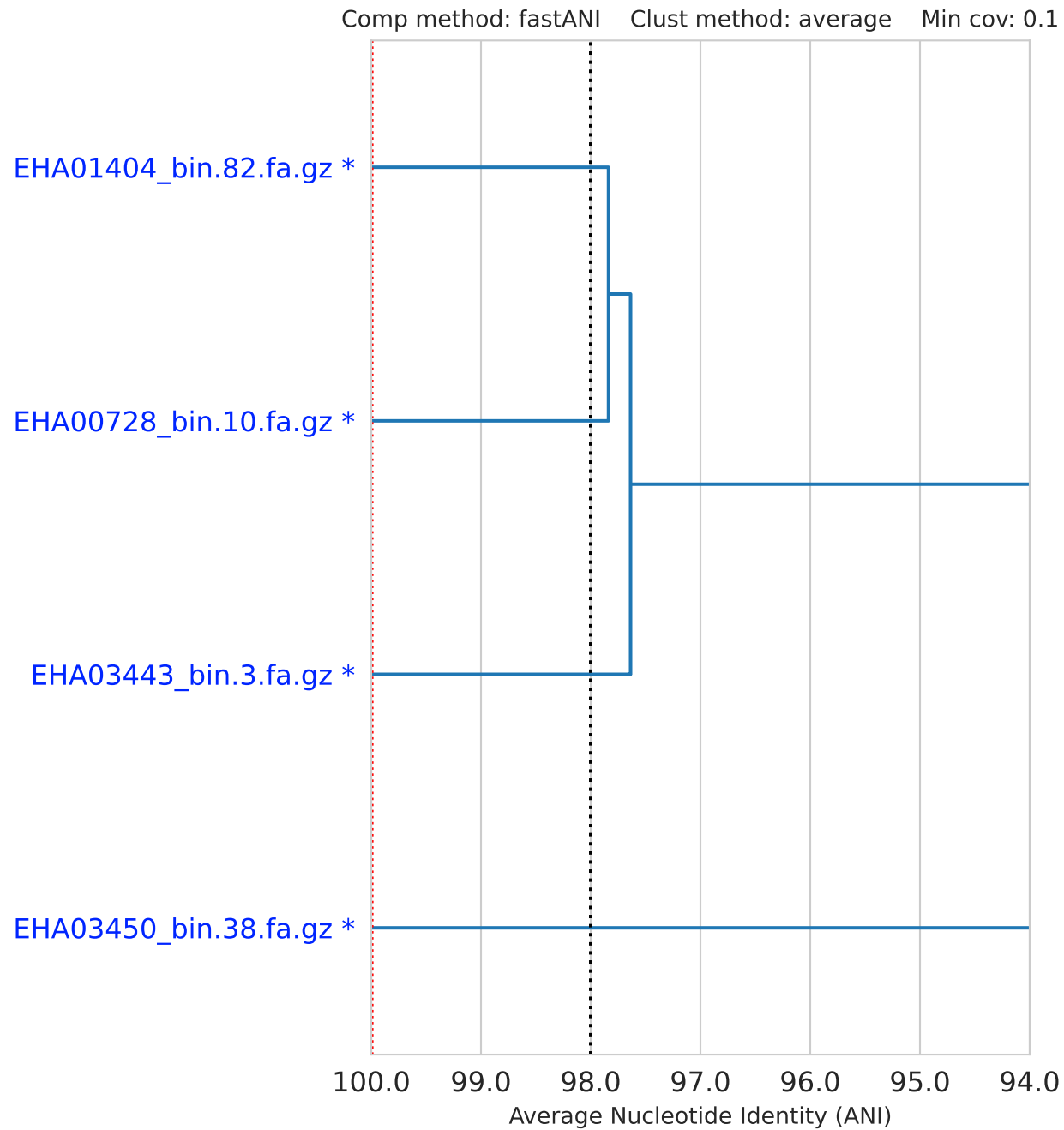




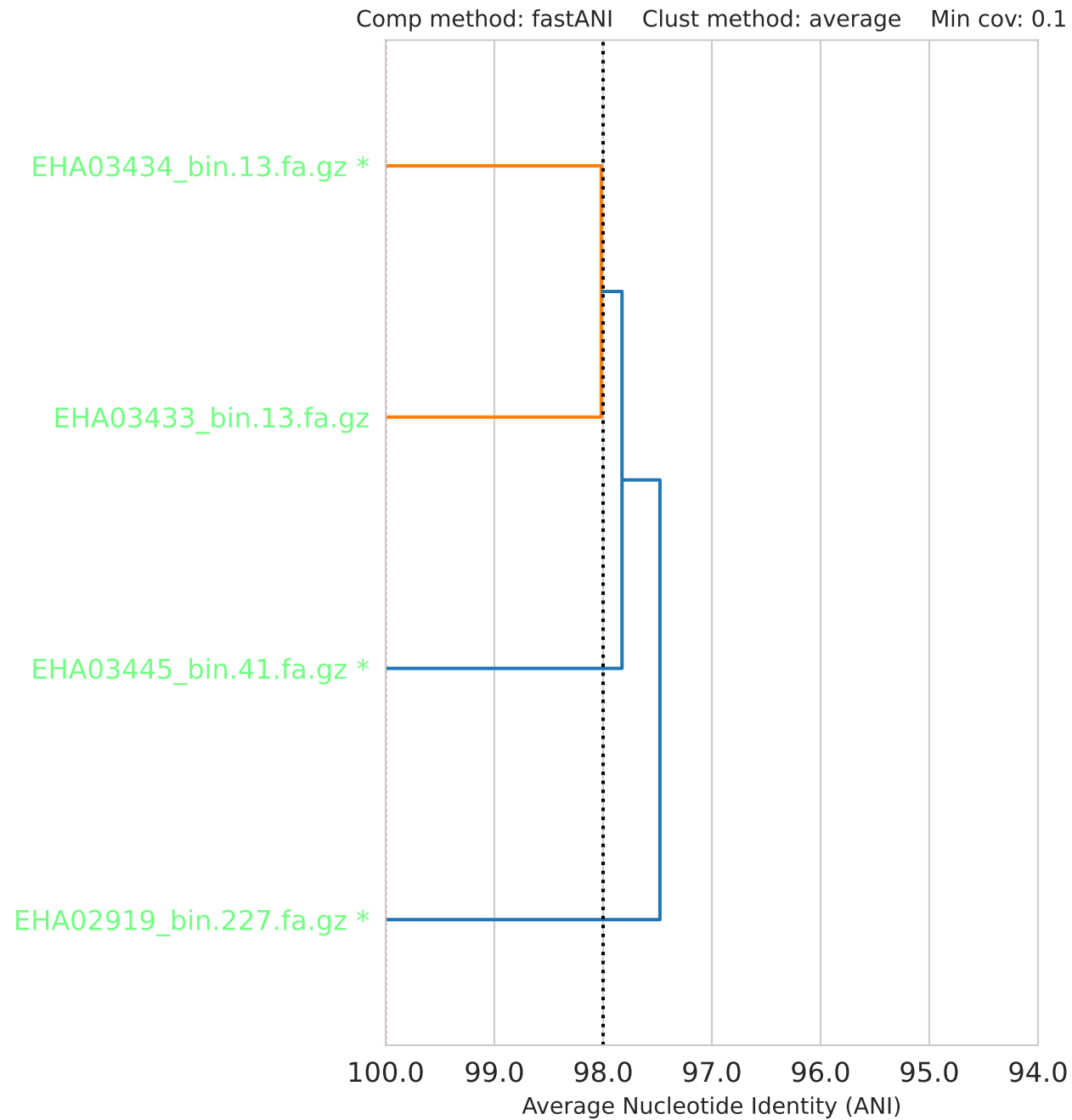
# Primary cluster 566



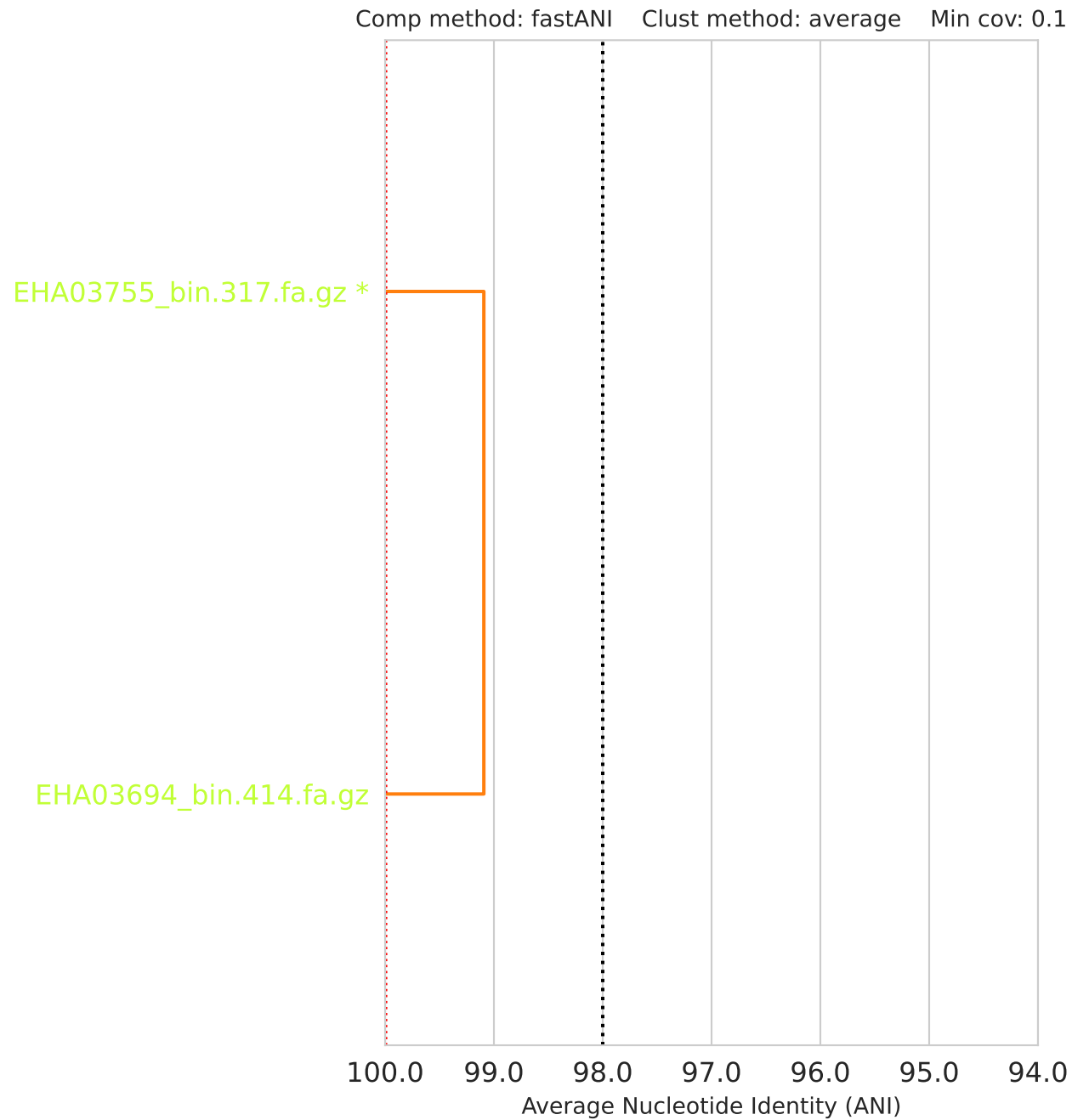
# Primary cluster 569



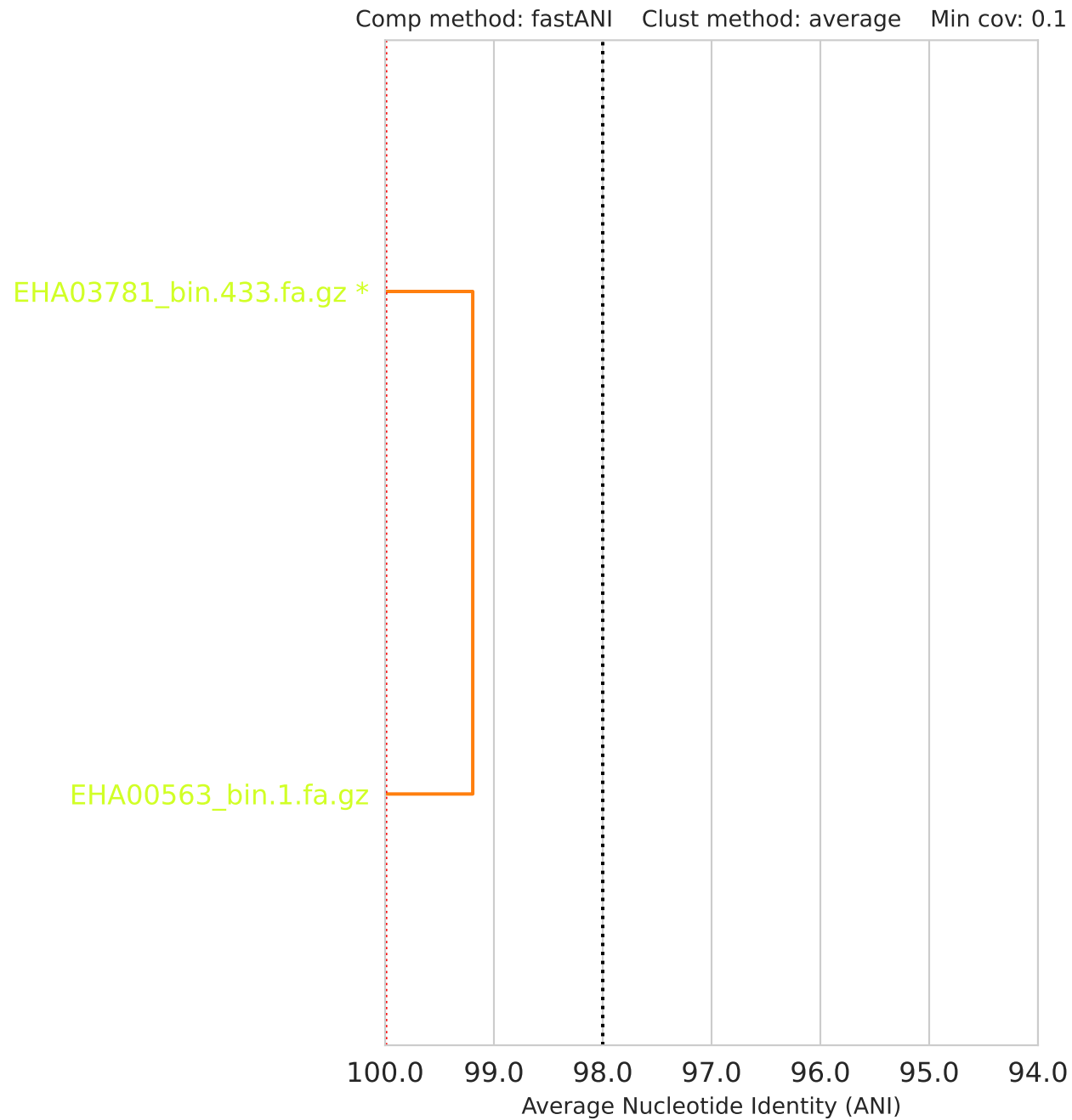
# Primary cluster 570



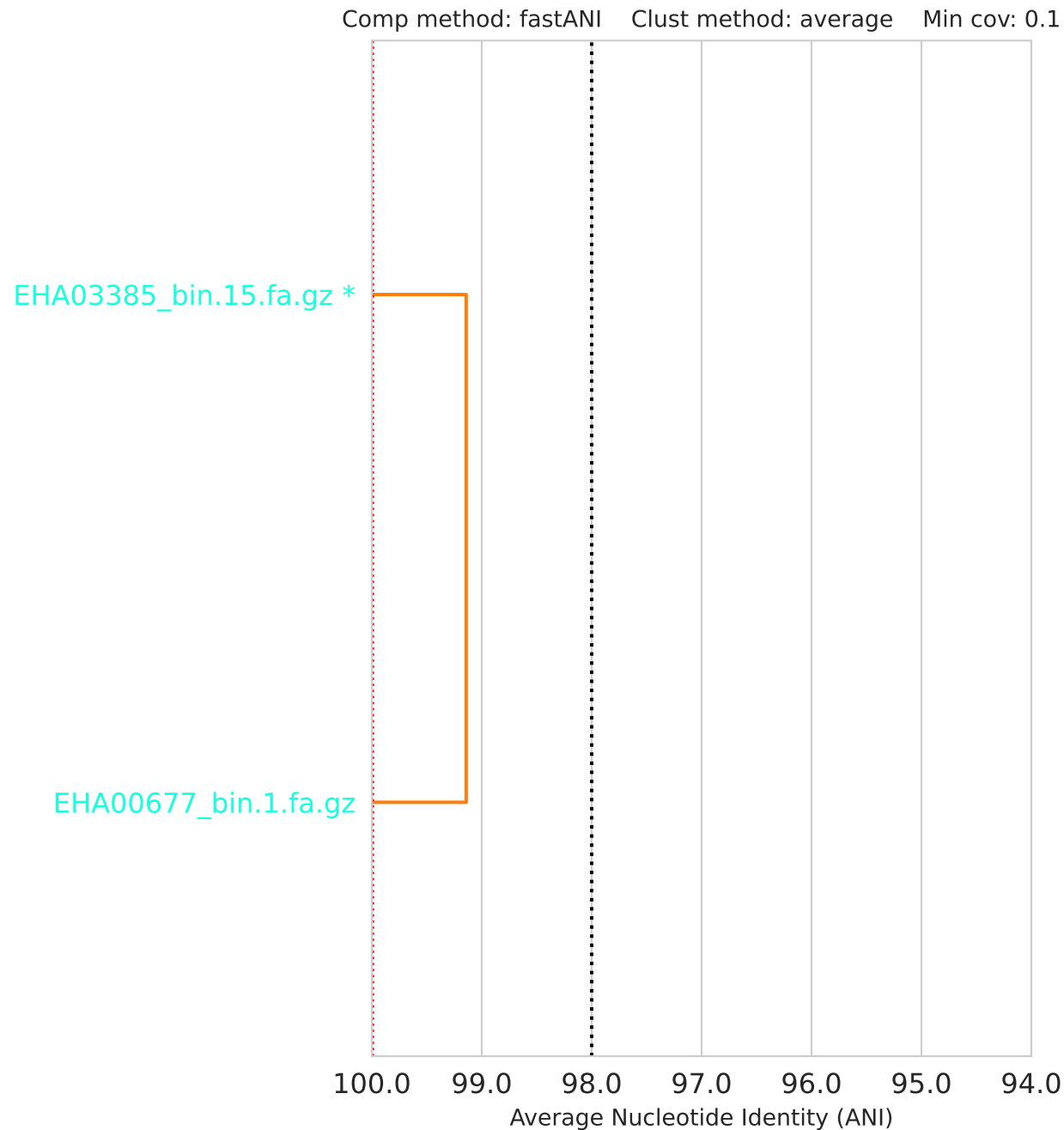
# Primary cluster 572



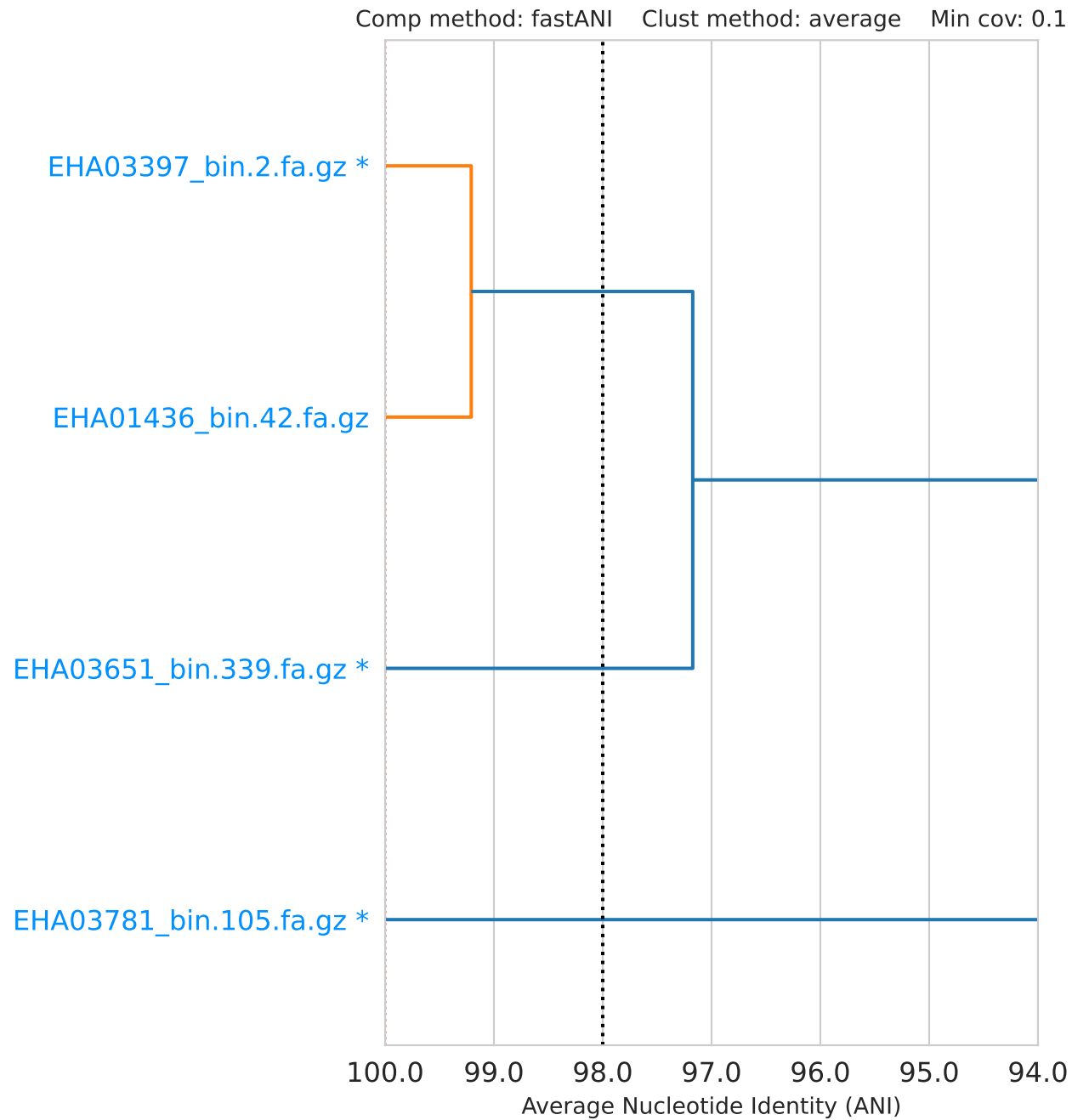
# Primary cluster 573



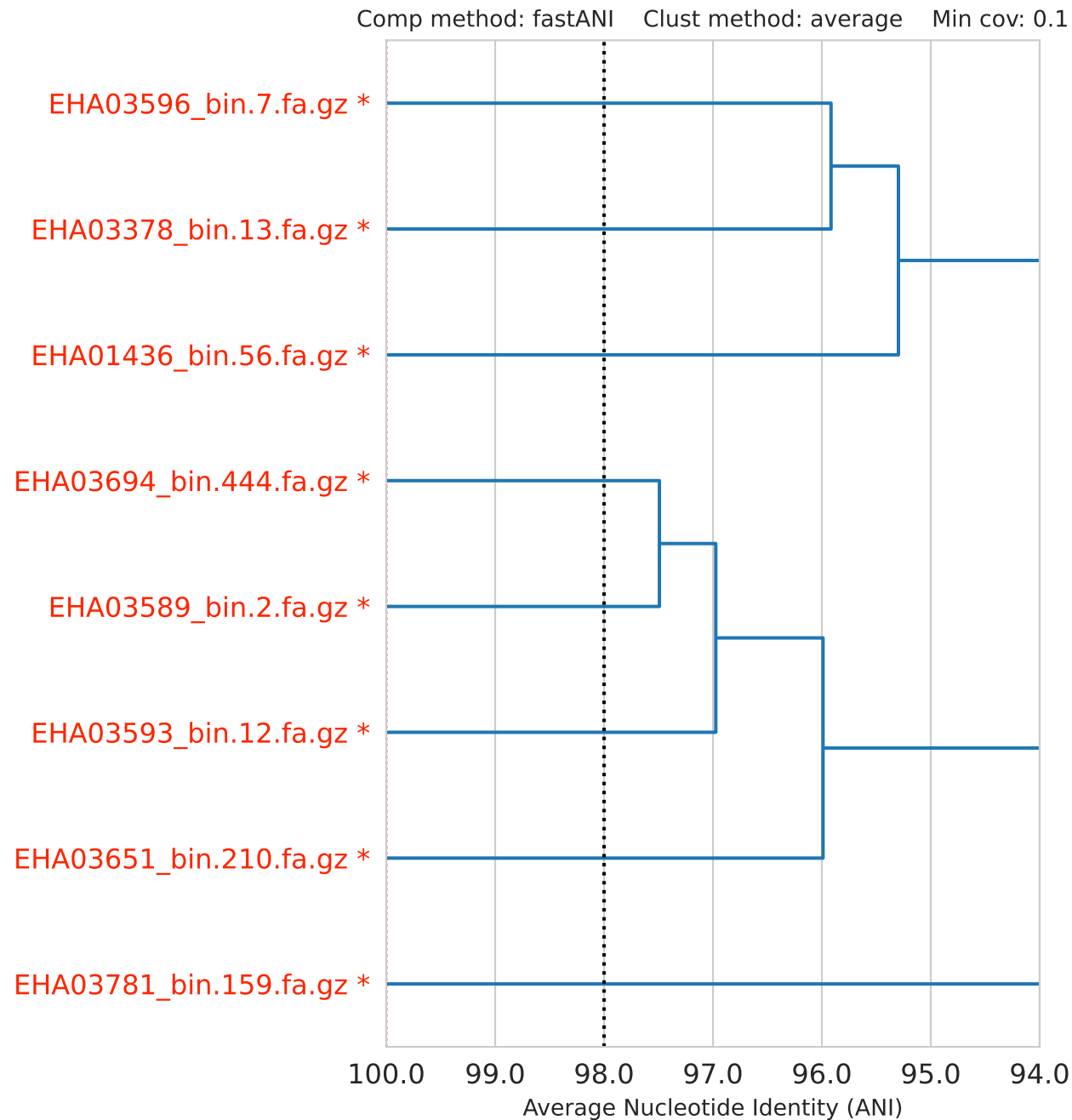
# Primary cluster 575



# Primary cluster 577

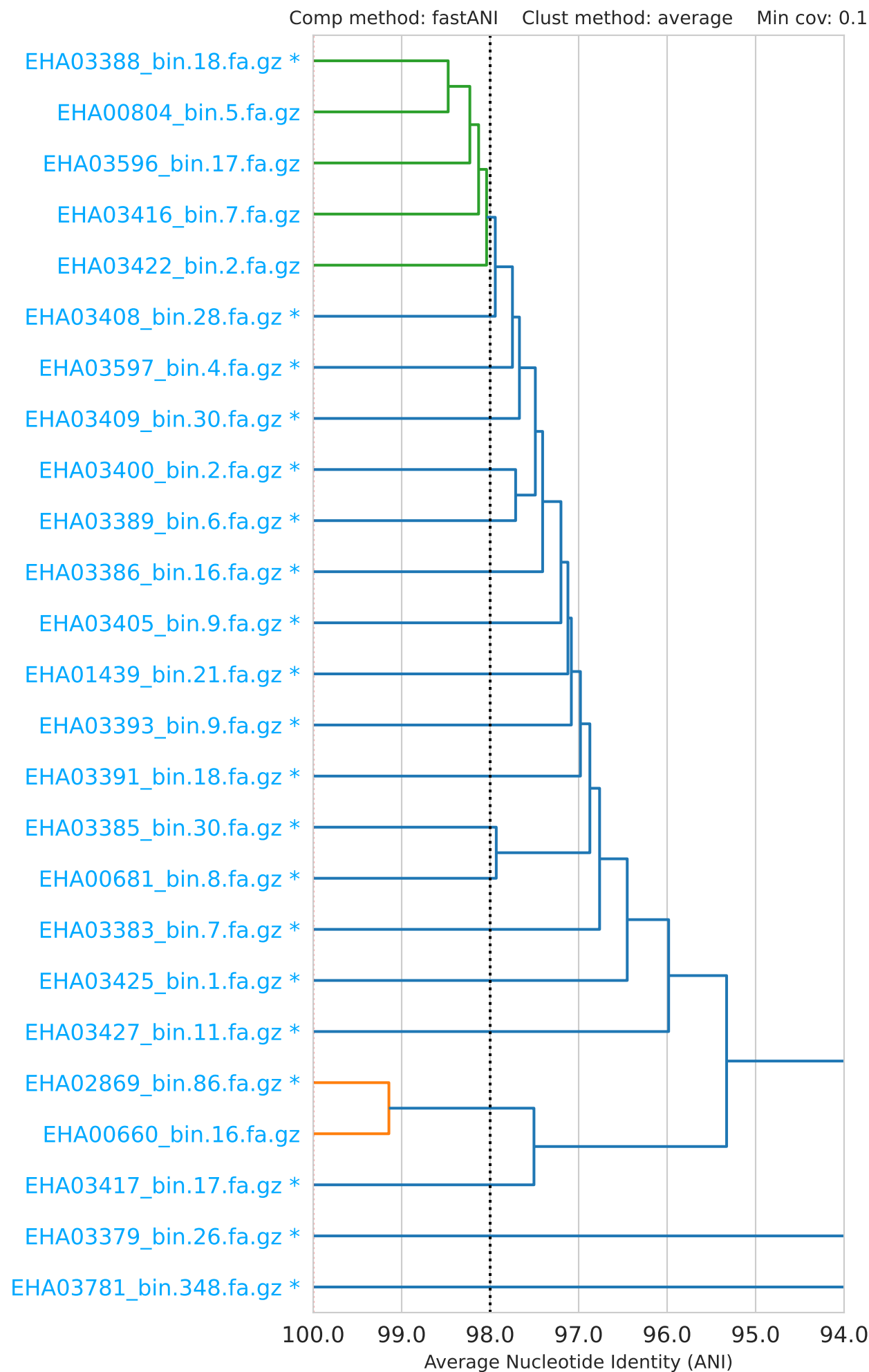


# Primary cluster 585

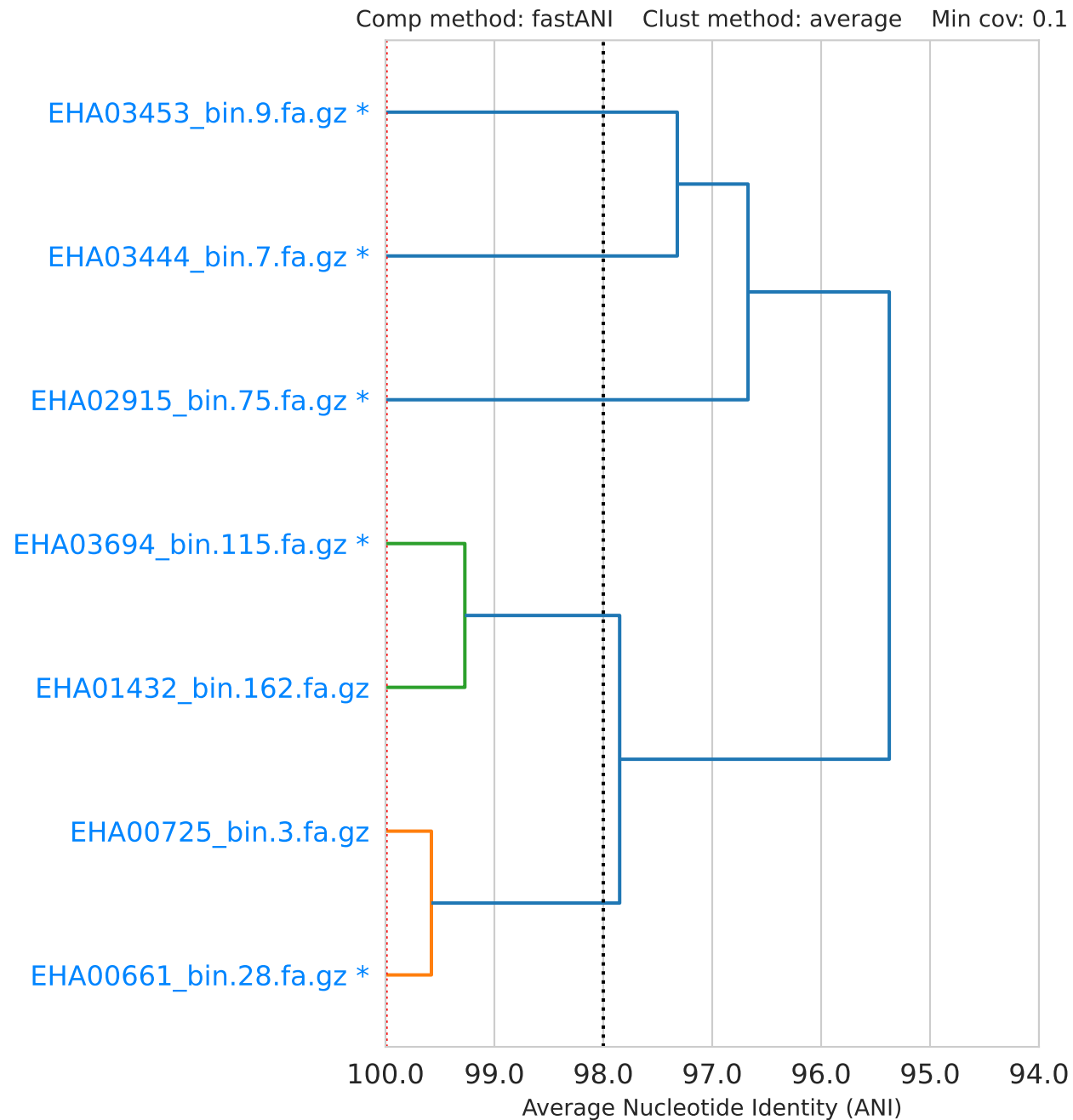




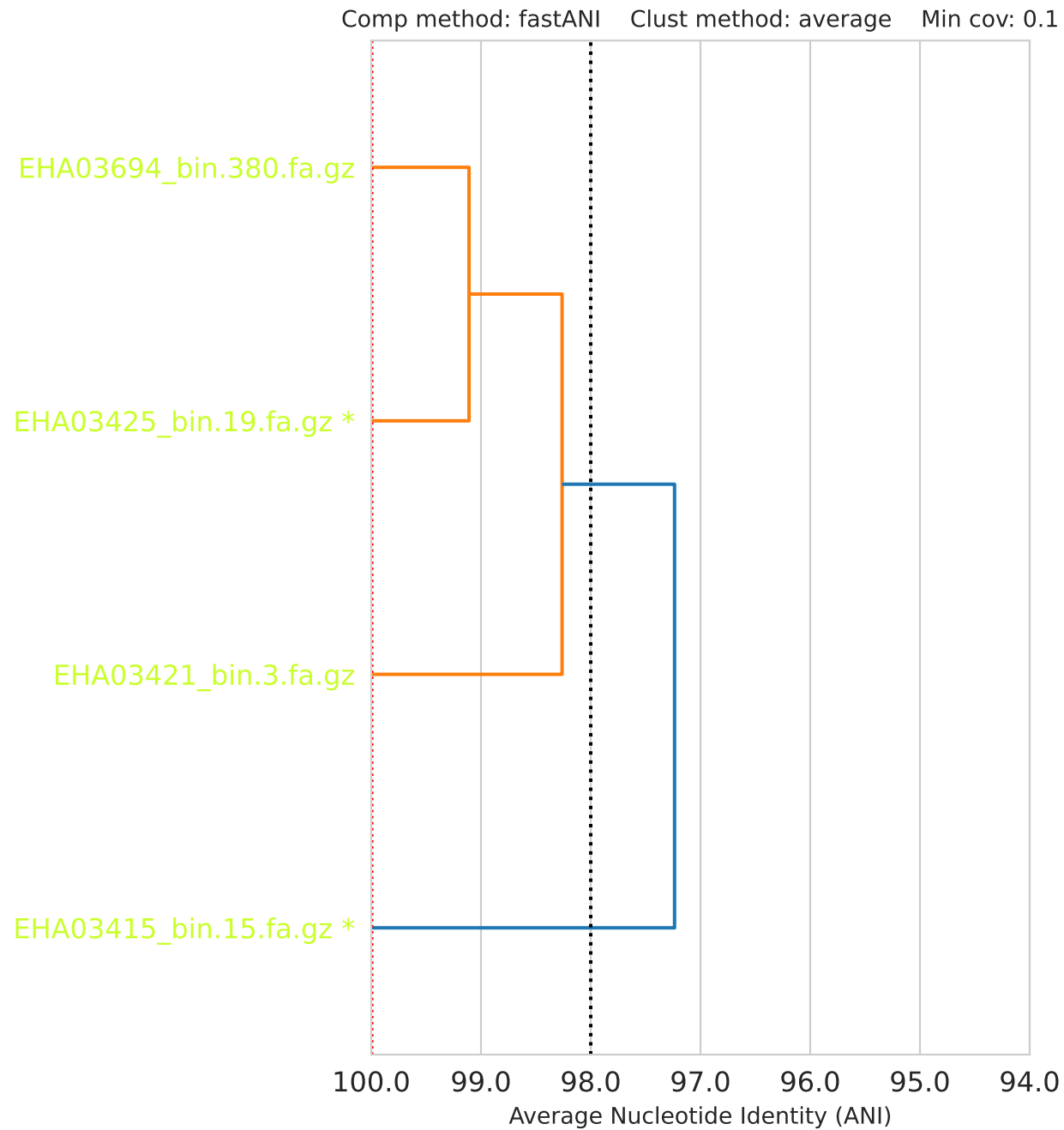
# Primary cluster 589



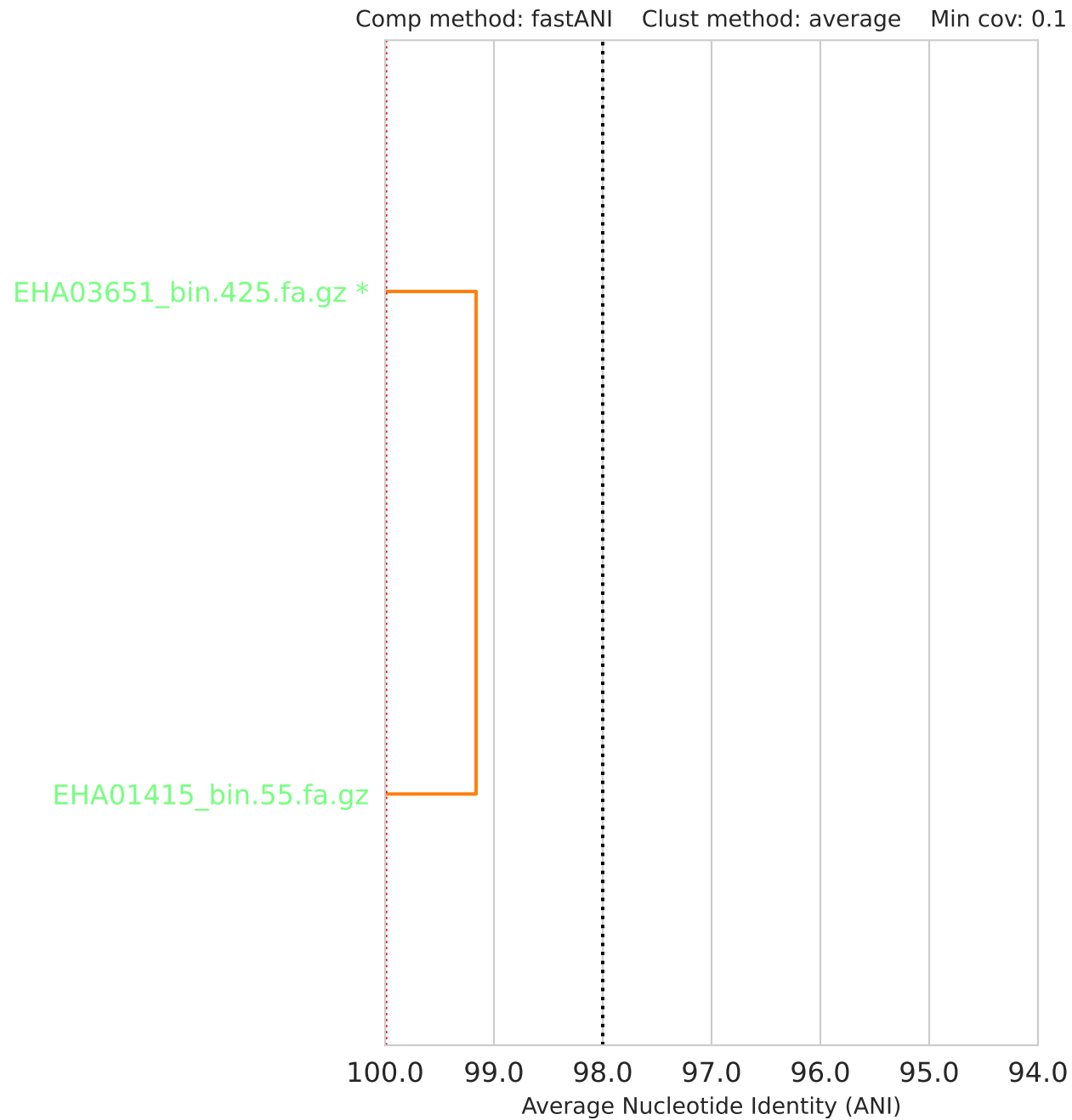
# Primary cluster 590



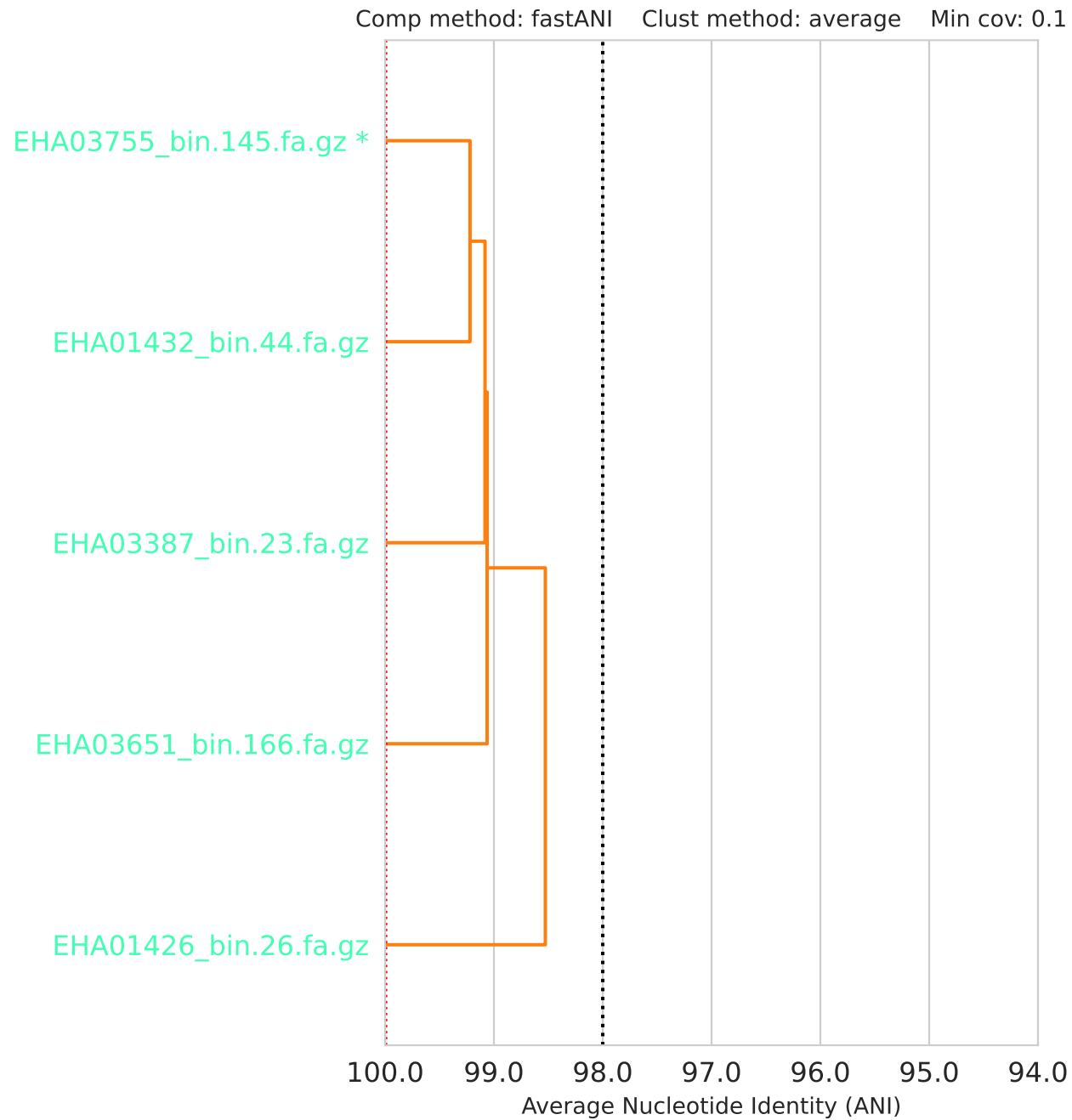
# Primary cluster 591



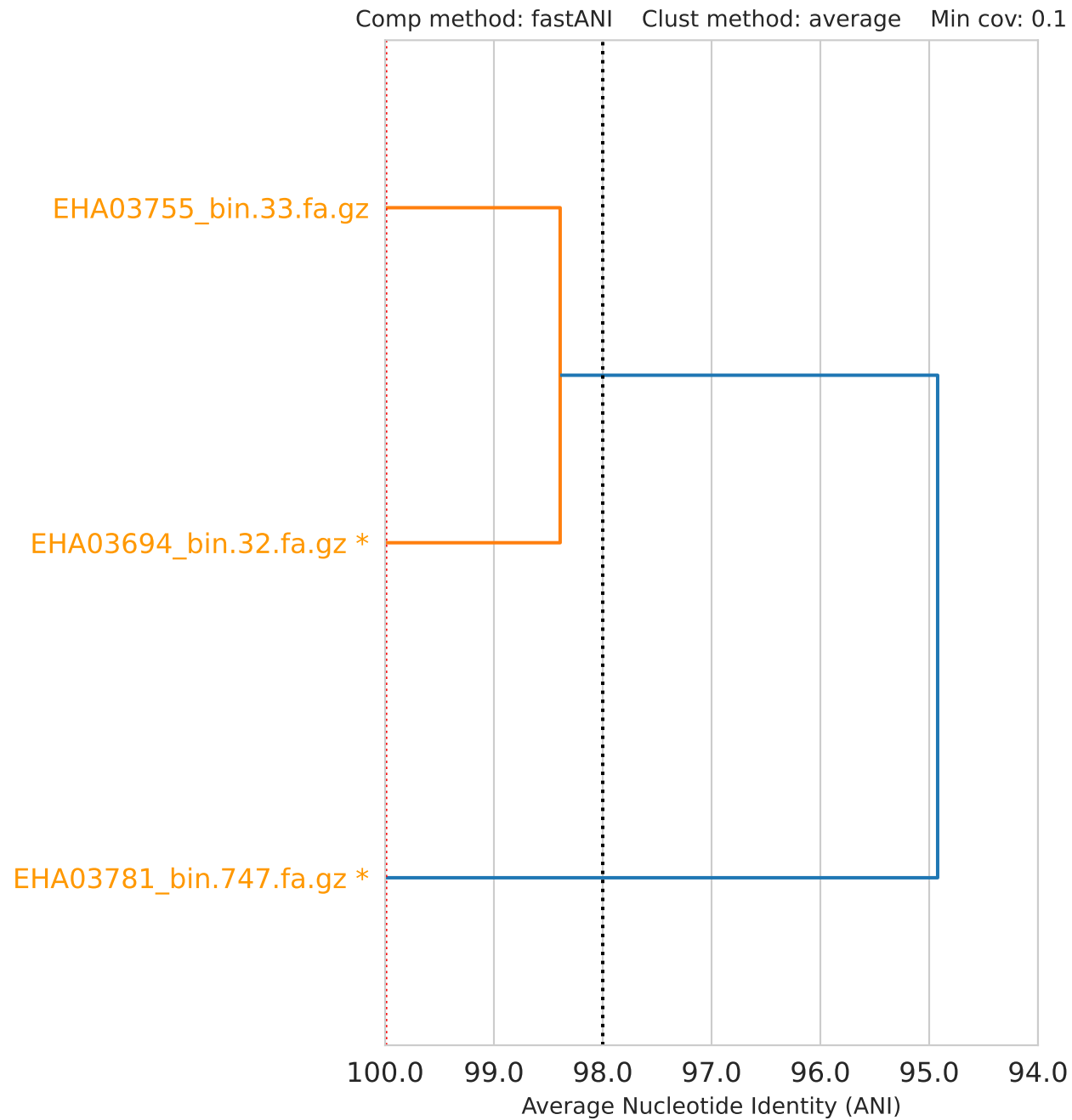
# Primary cluster 592



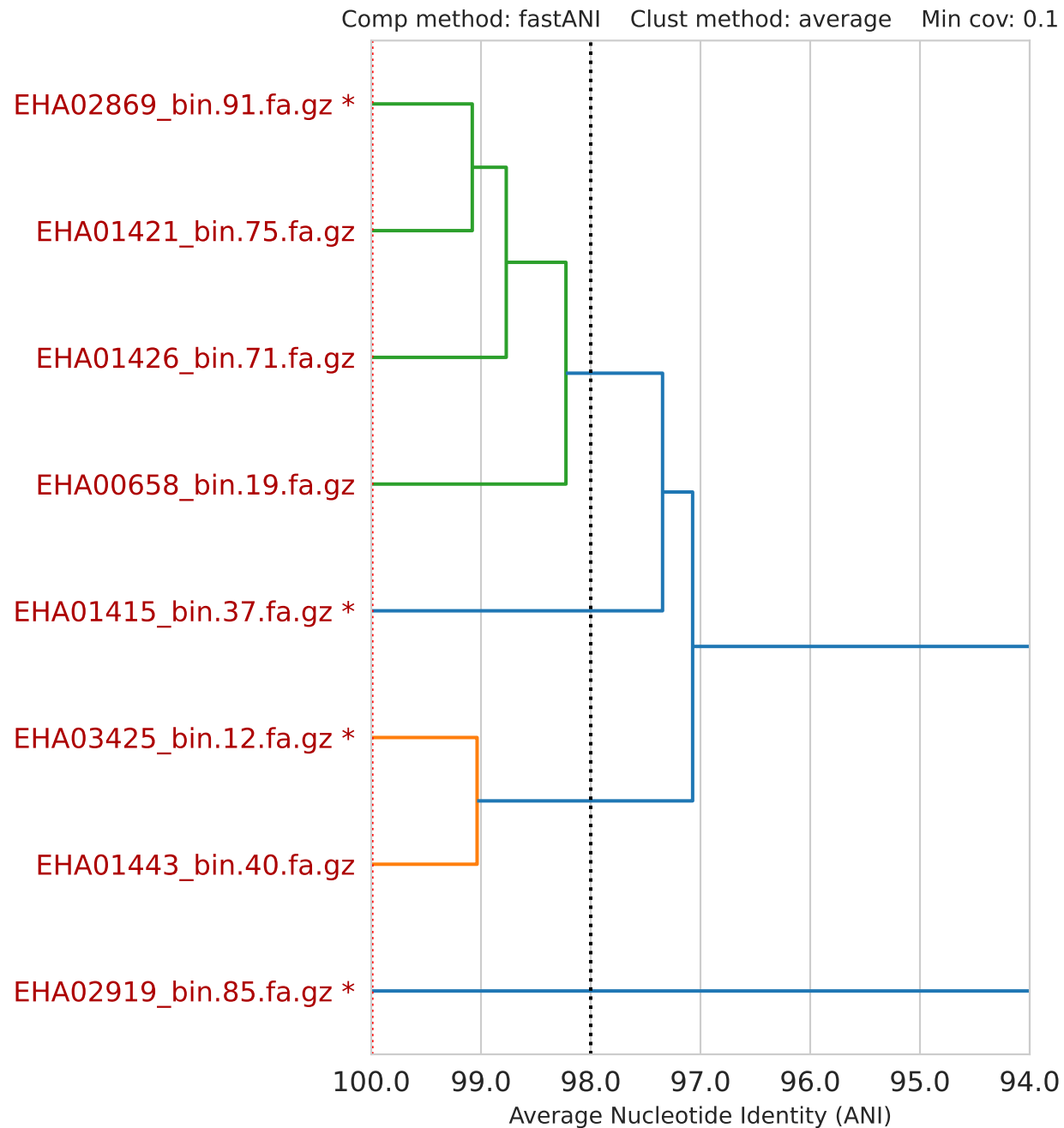
# Primary cluster 593



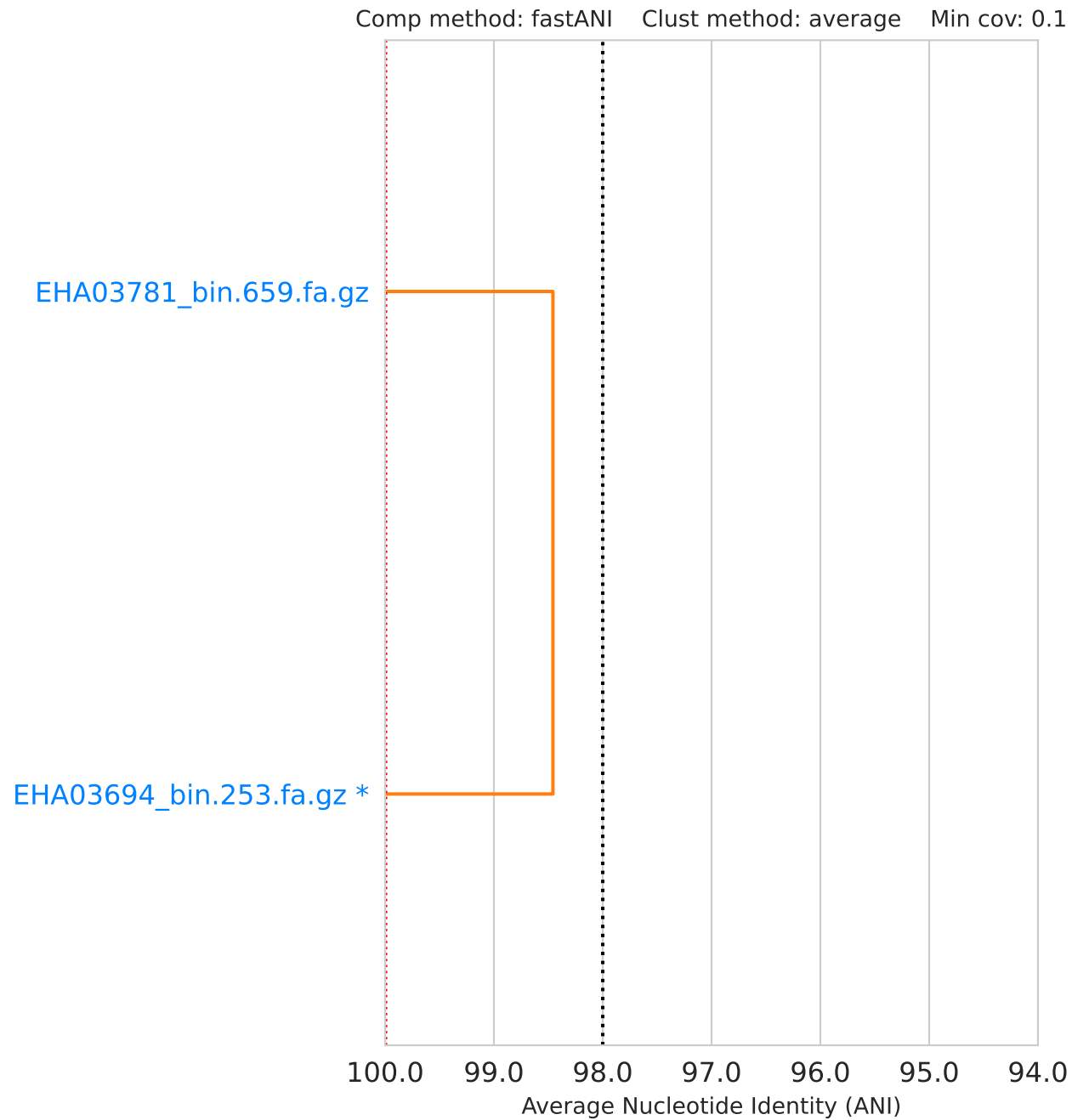
# Primary cluster 594



# Primary cluster 595

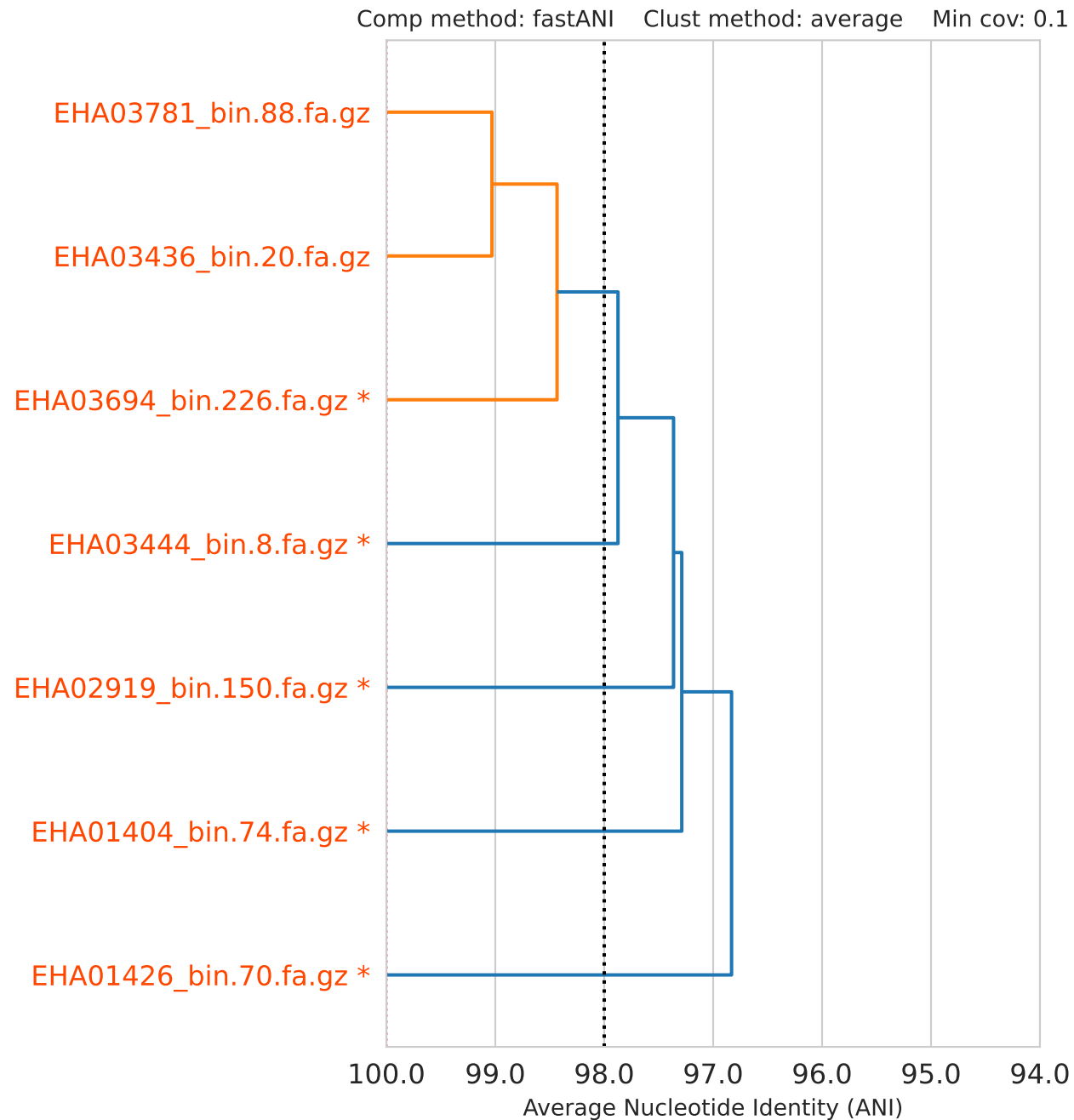


# Primary cluster 598





# Primary cluster 599

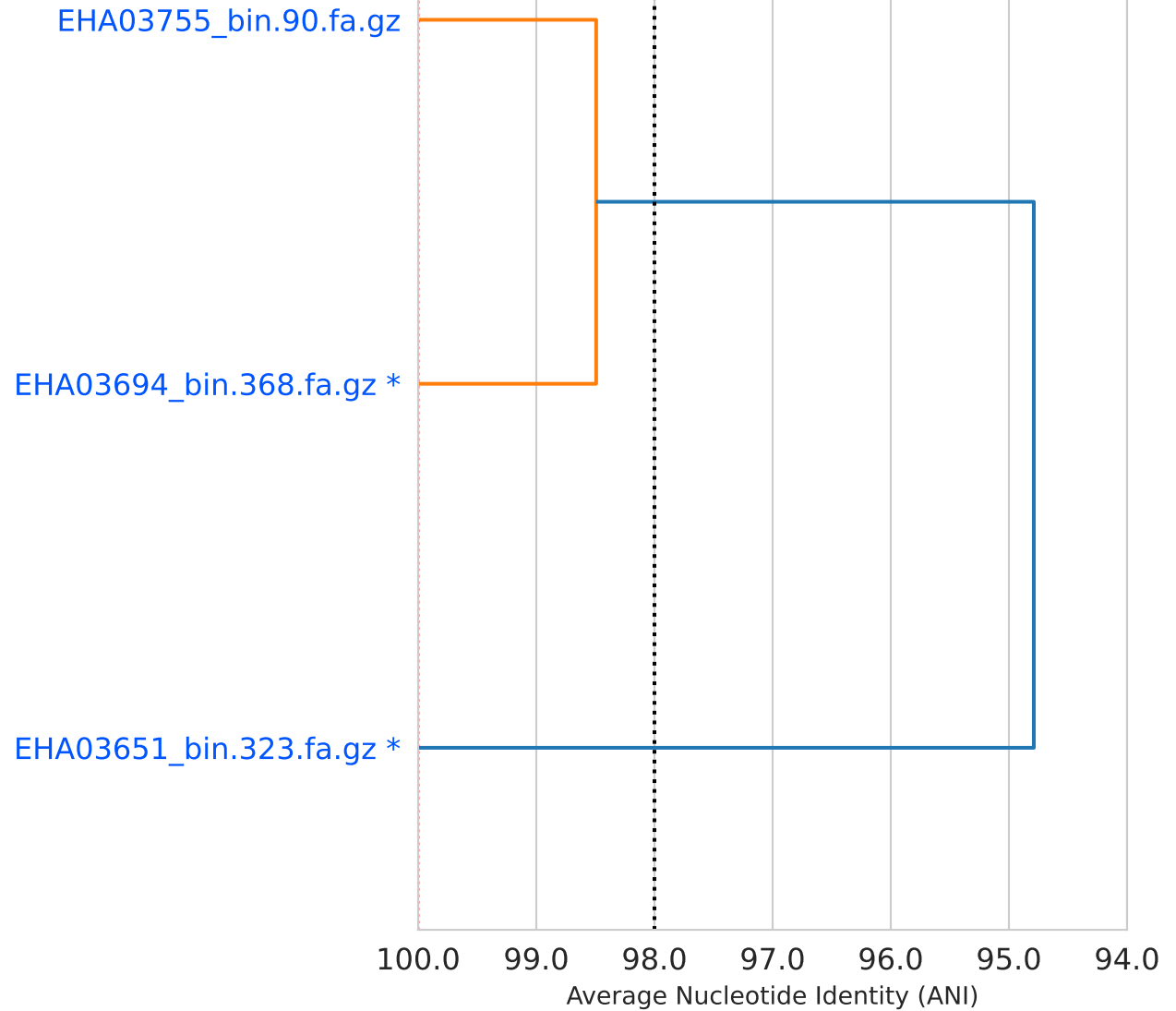


# Primary cluster 602

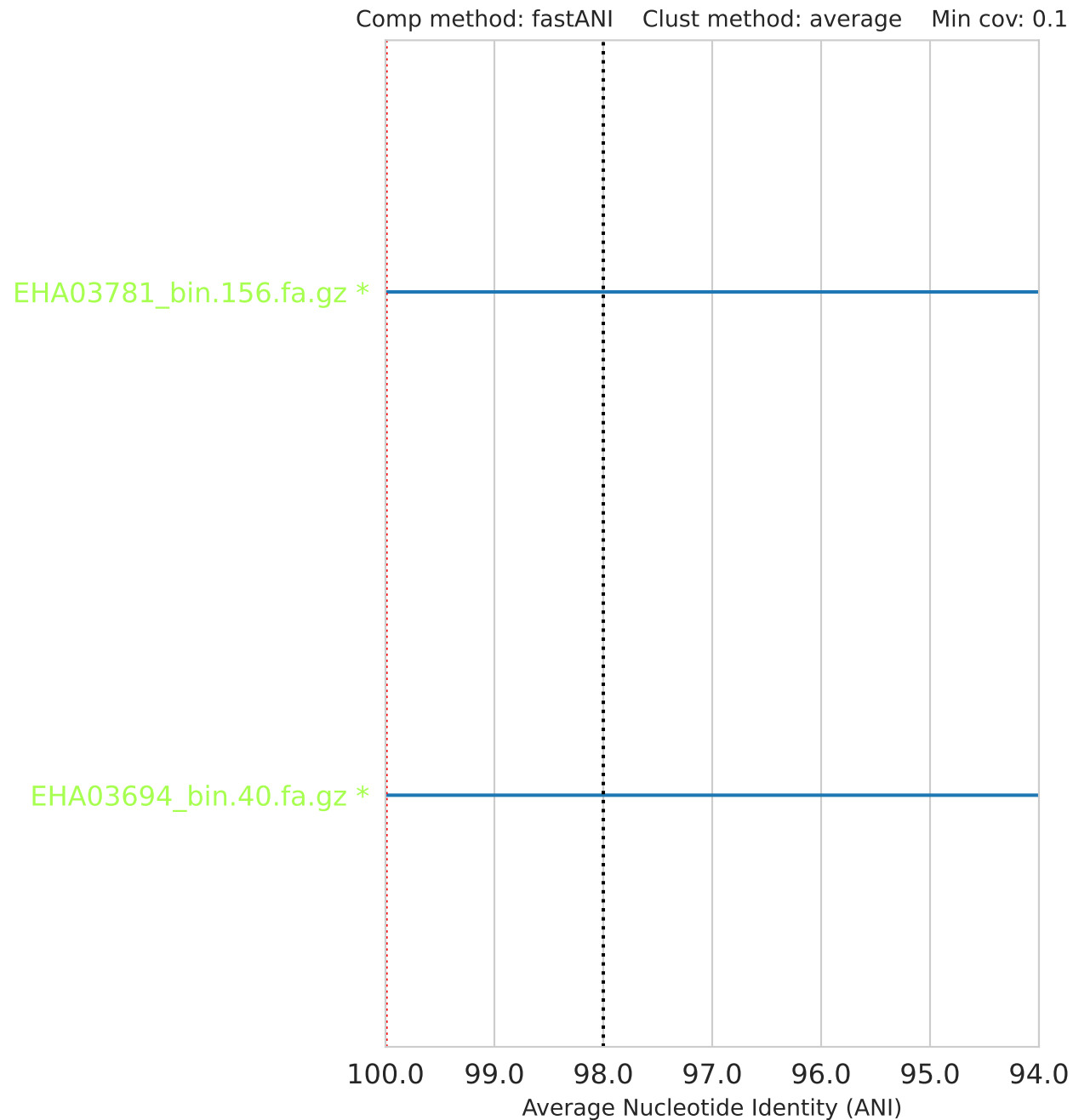
Comp method: fastANI

Clust method: average

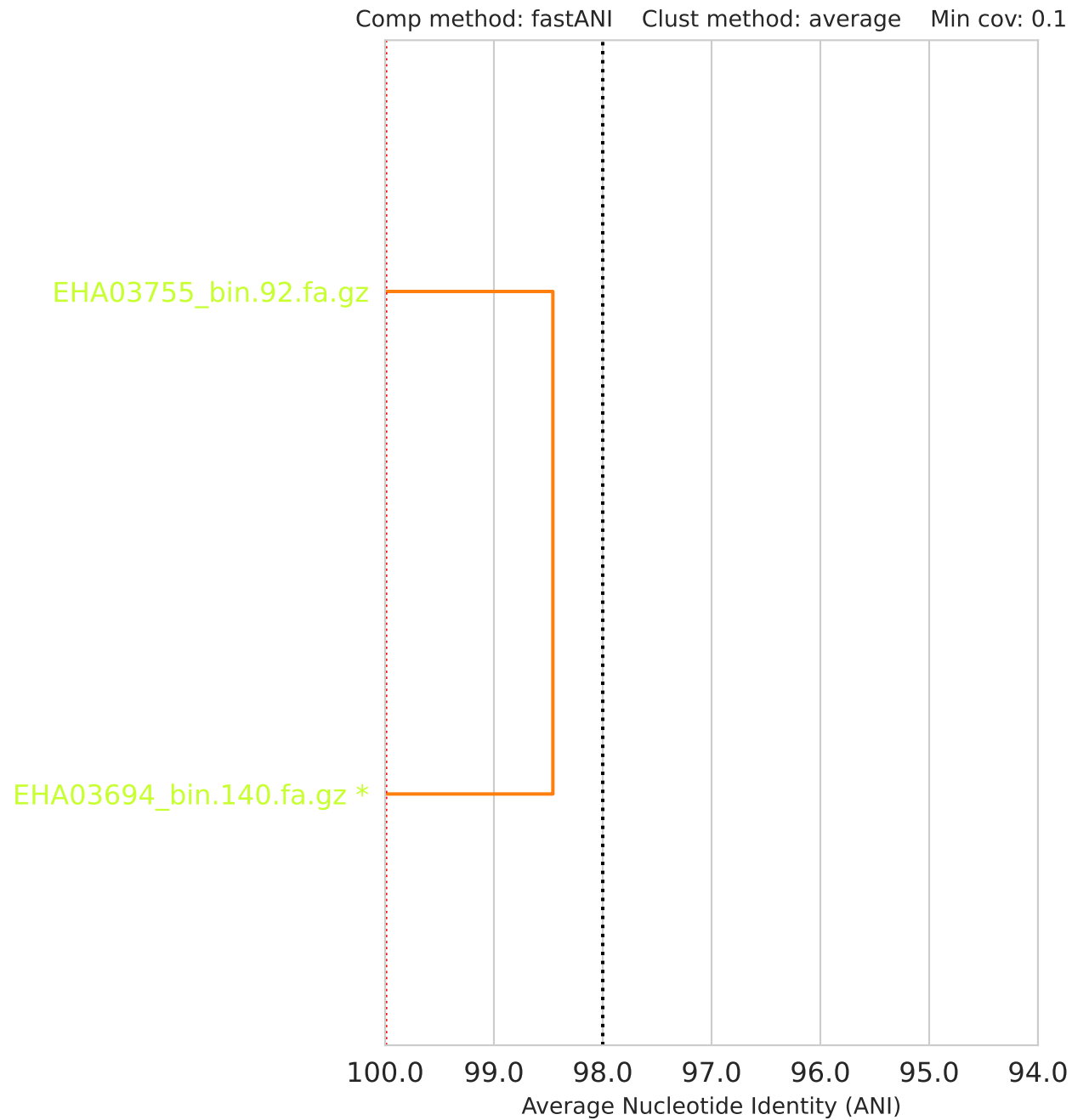
Min cov: 0.1



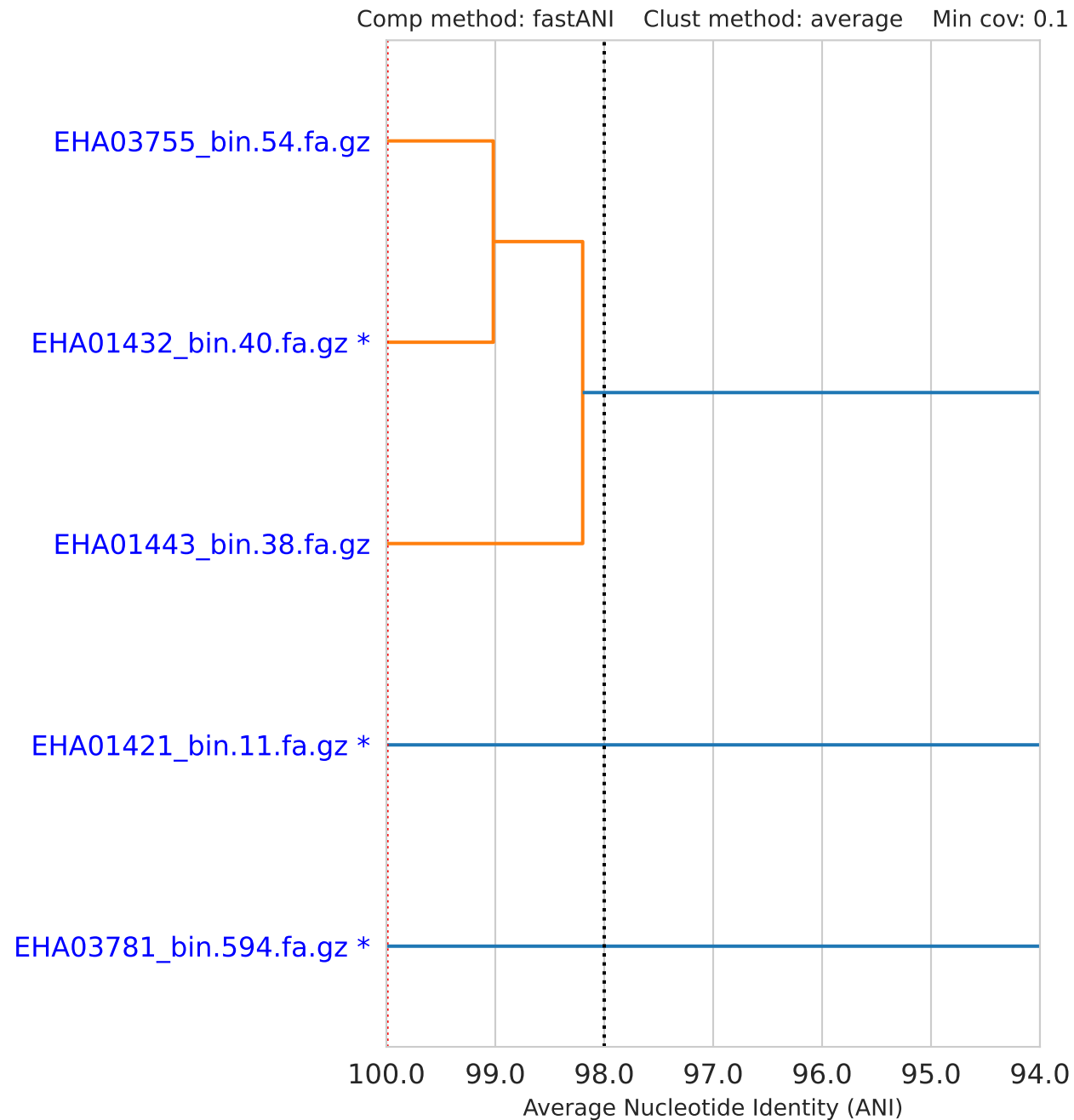
# Primary cluster 604



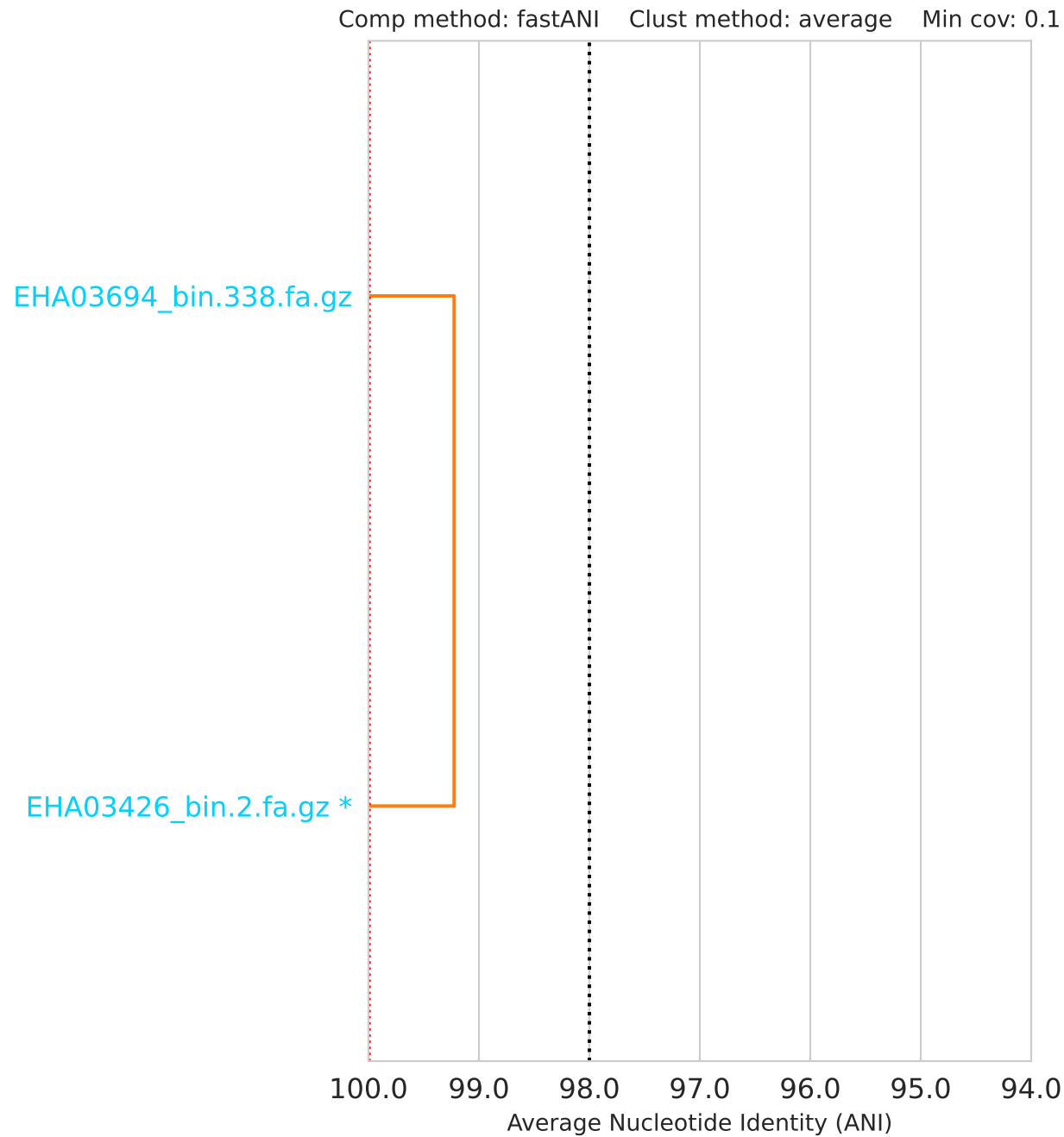
# Primary cluster 606



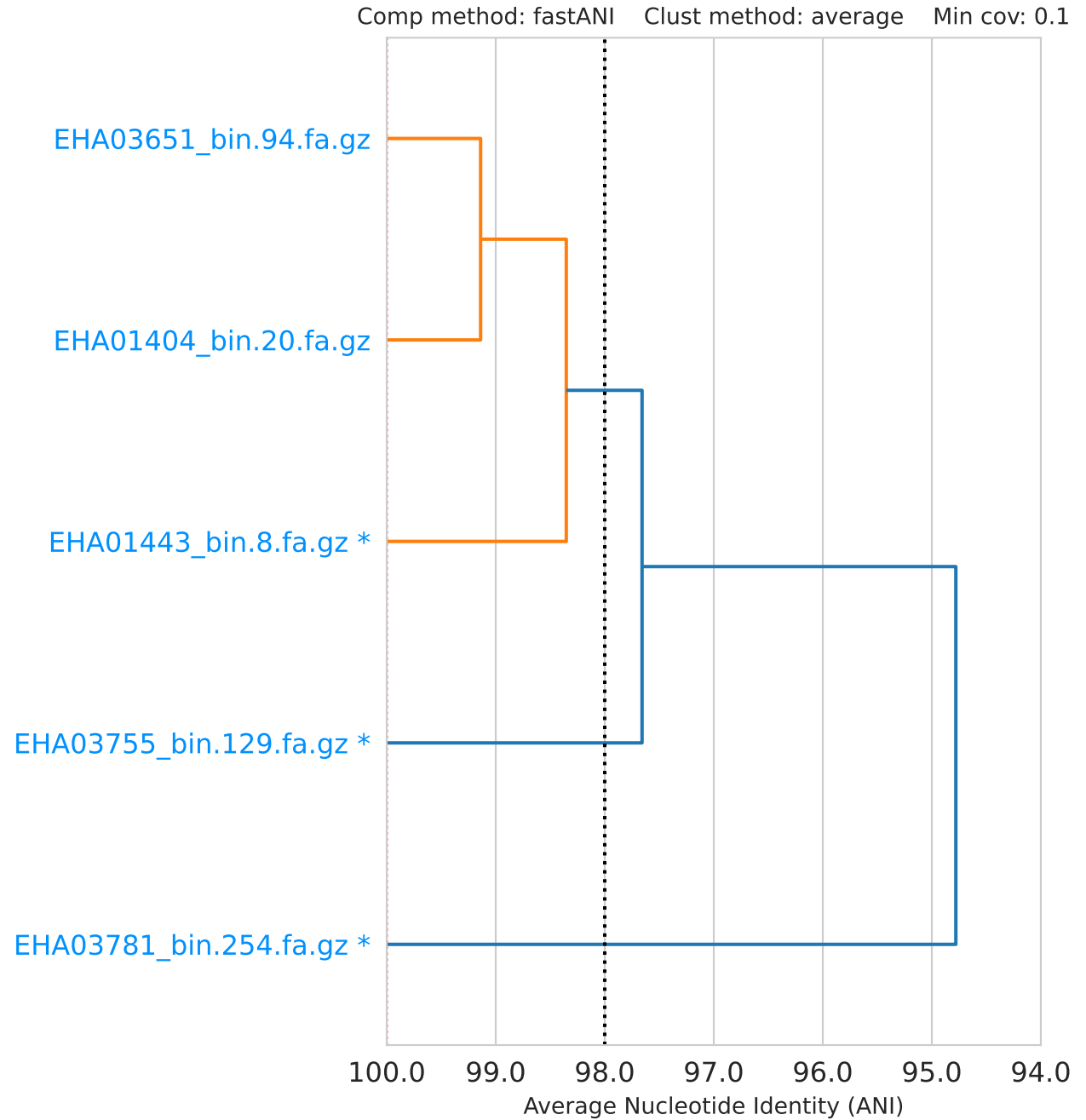
# Primary cluster 608



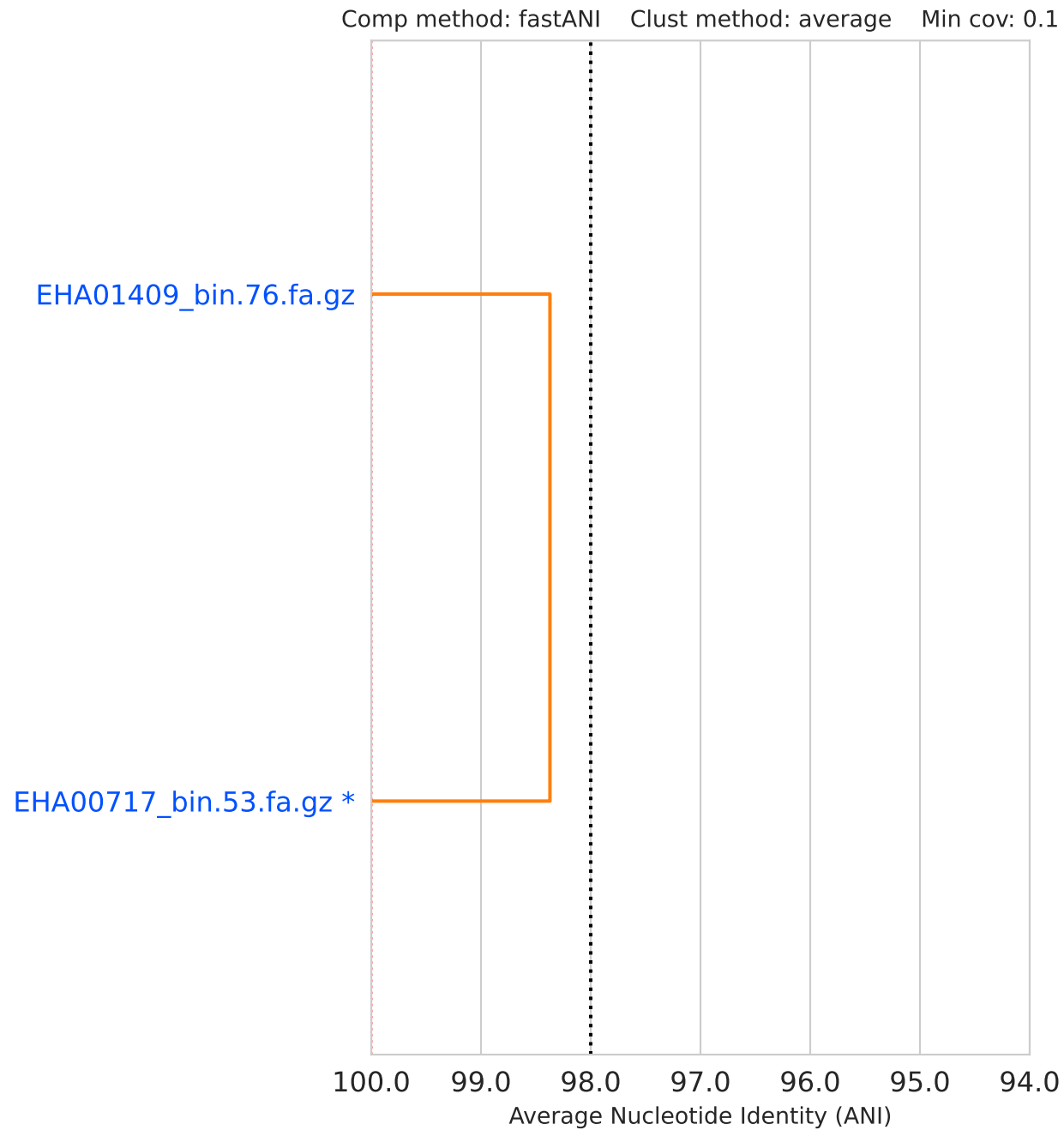
# Primary cluster 609



# Primary cluster 611

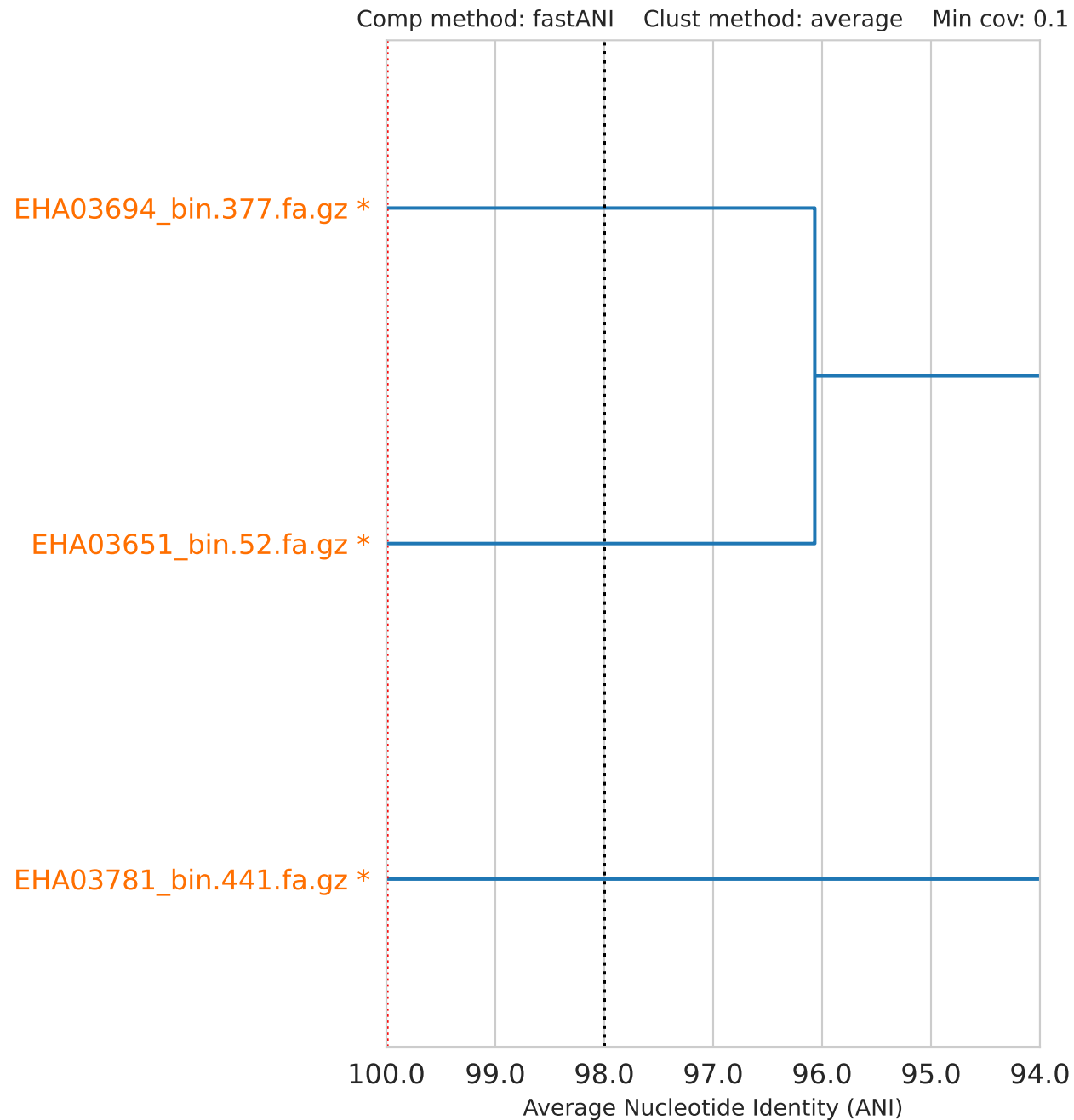


# Primary cluster 612

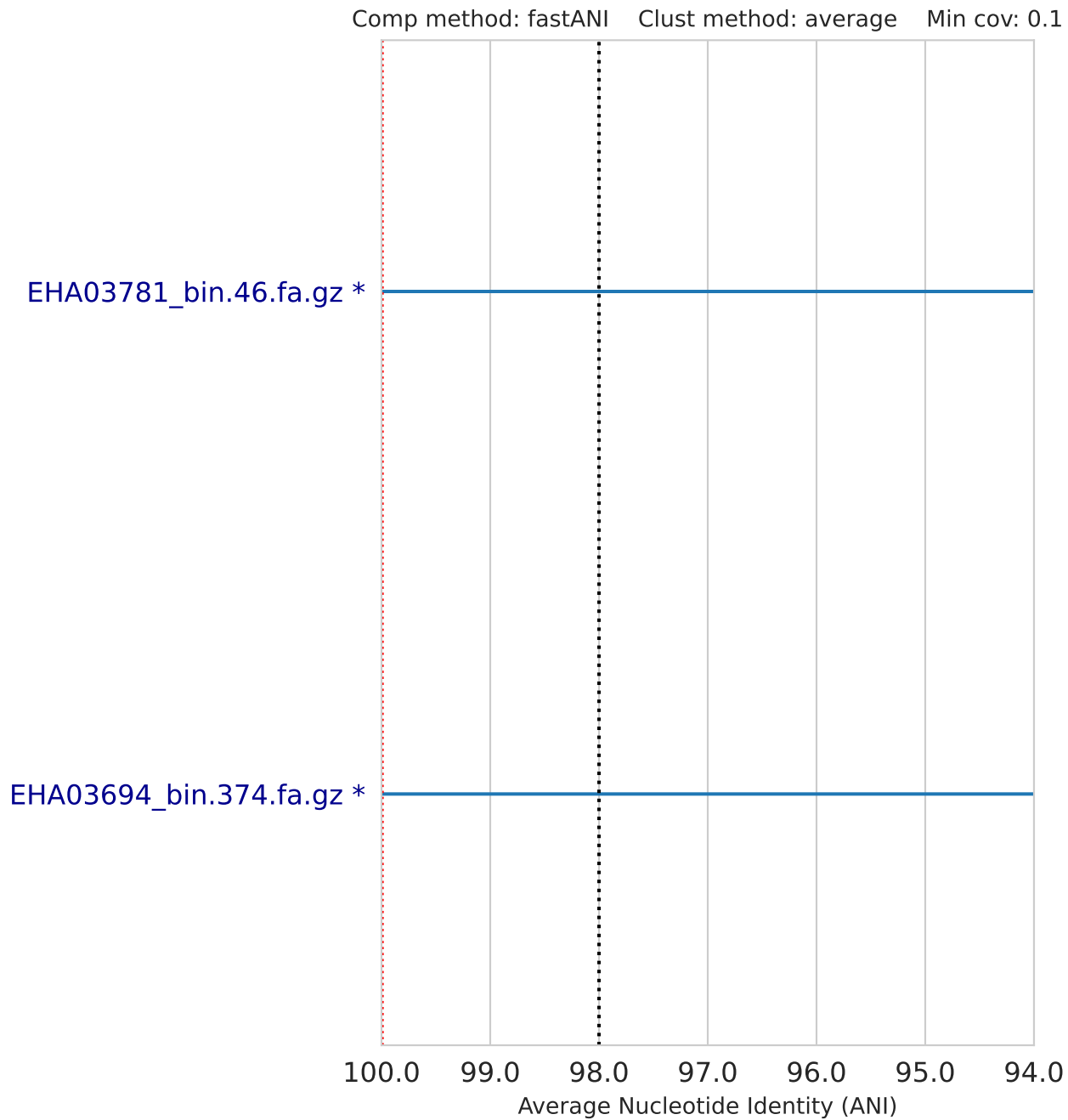




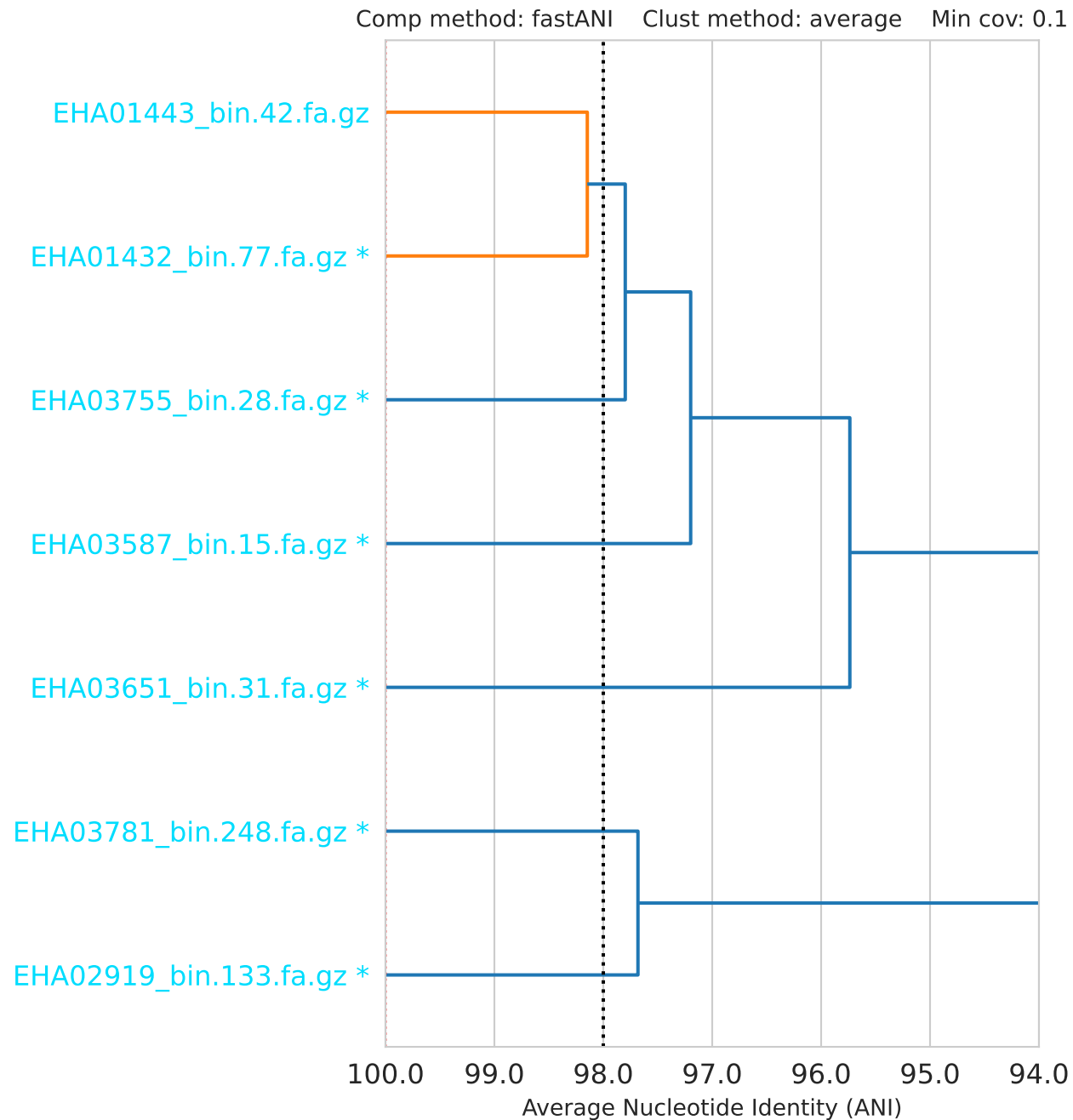
# Primary cluster 613



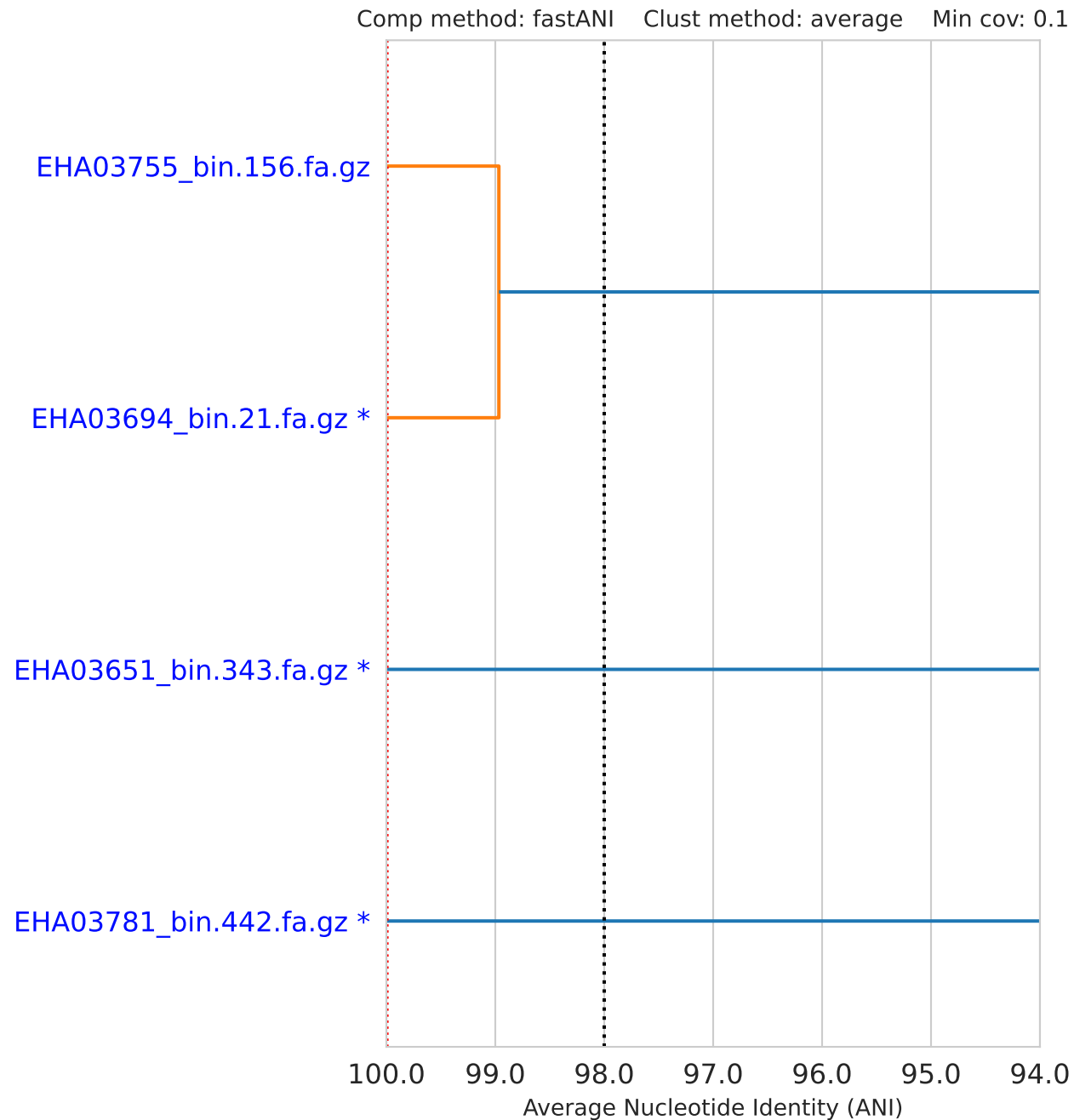
# Primary cluster 614



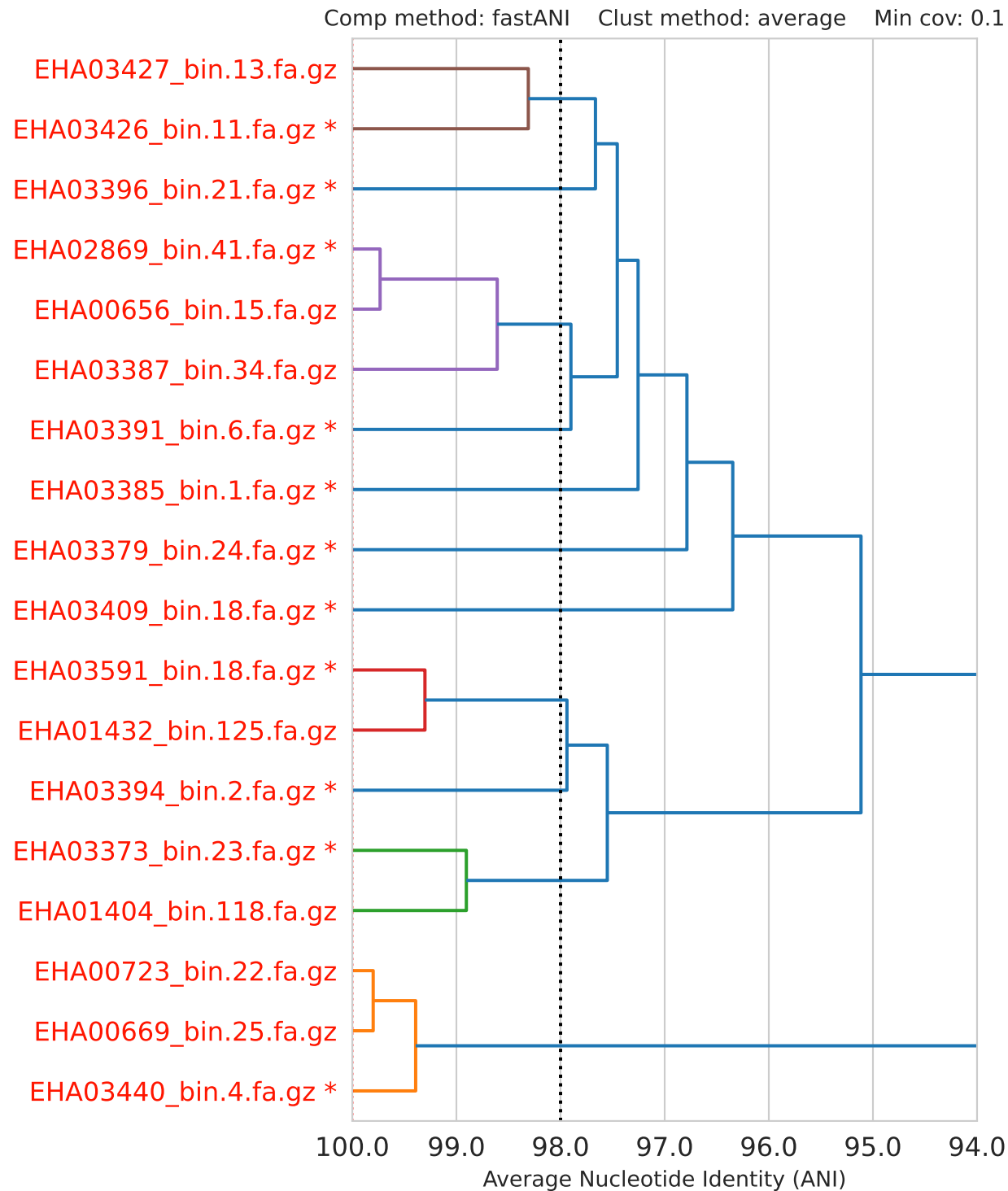
# Primary cluster 616



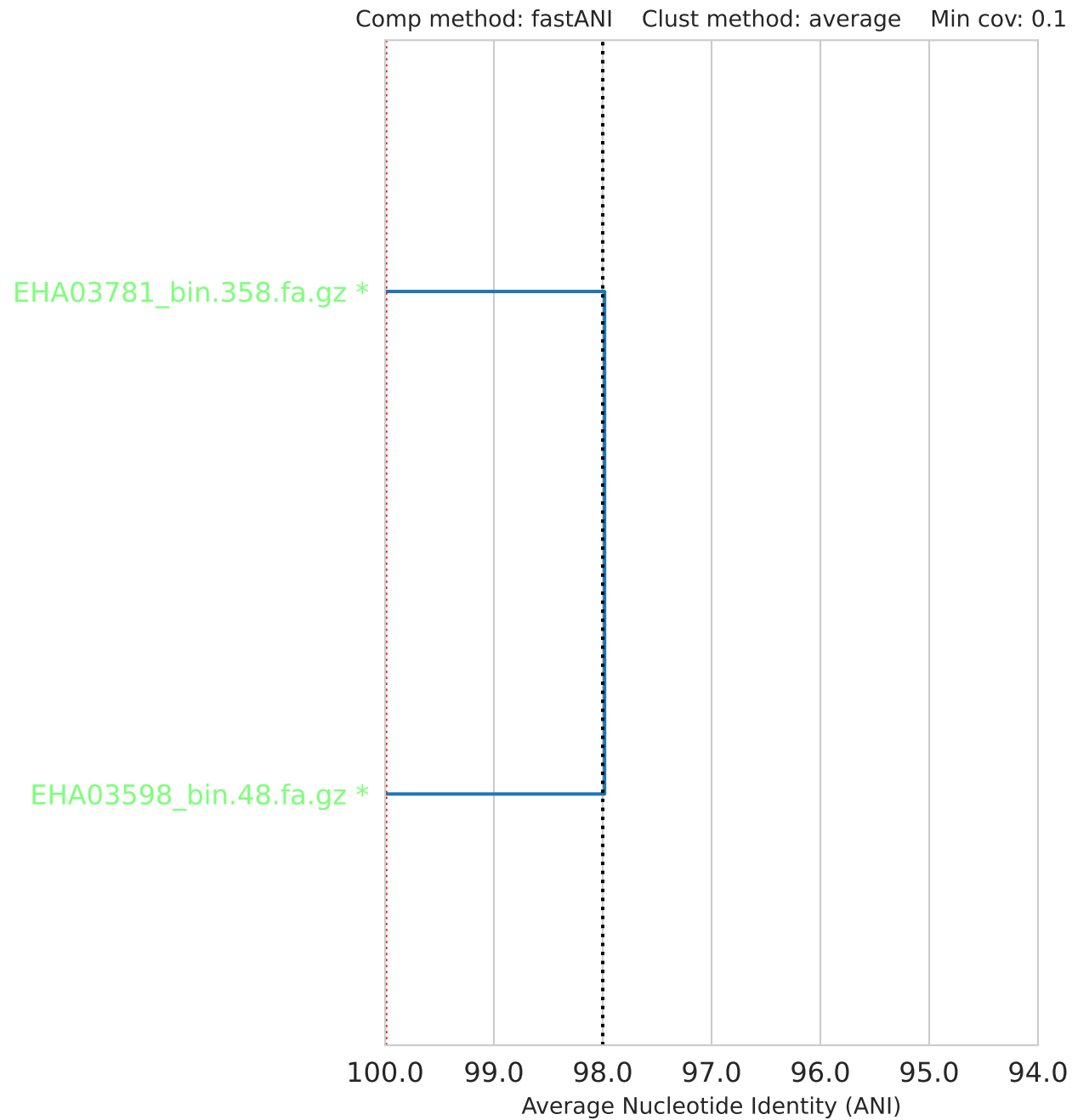
# Primary cluster 617



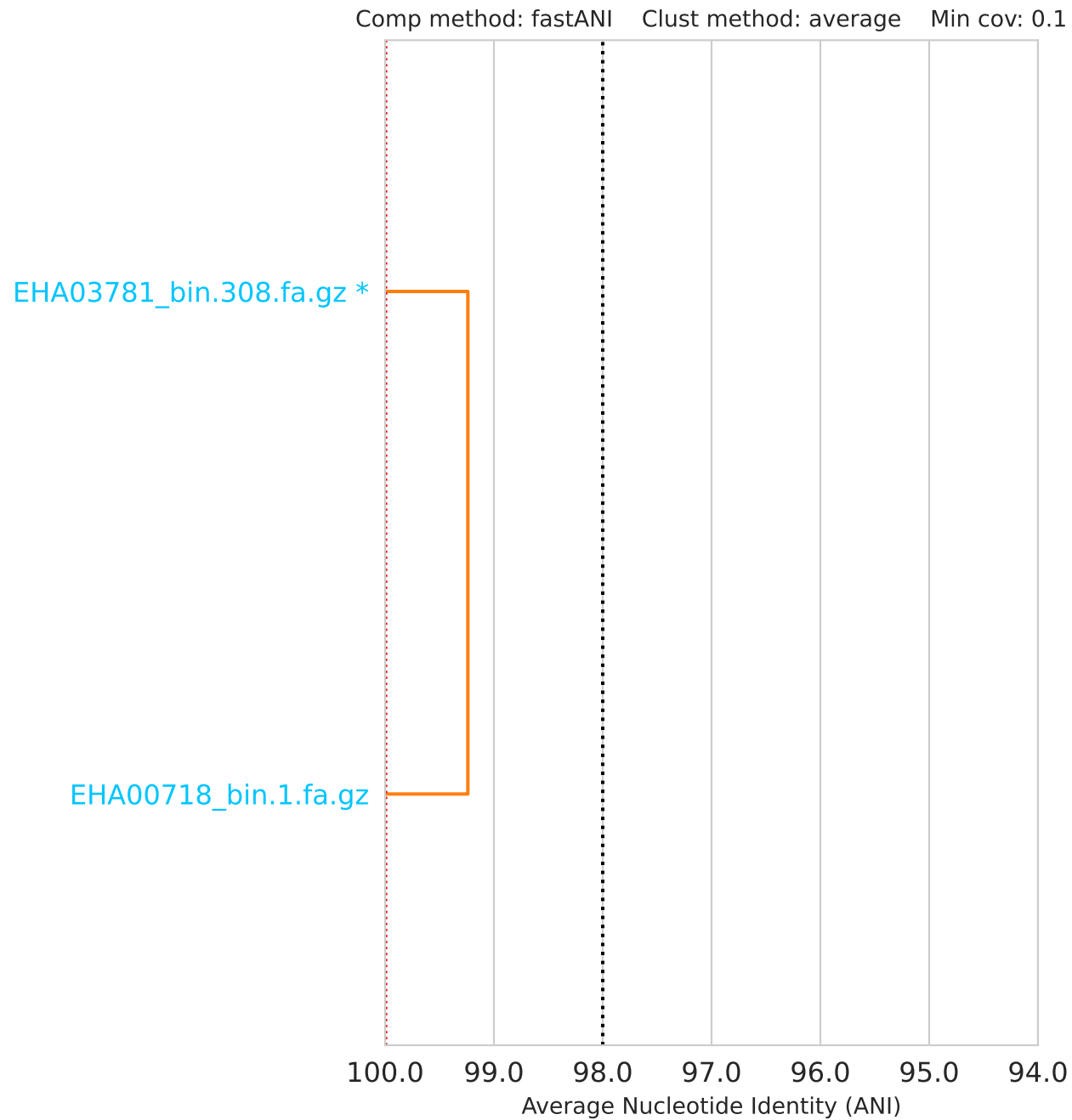
# Primary cluster 618



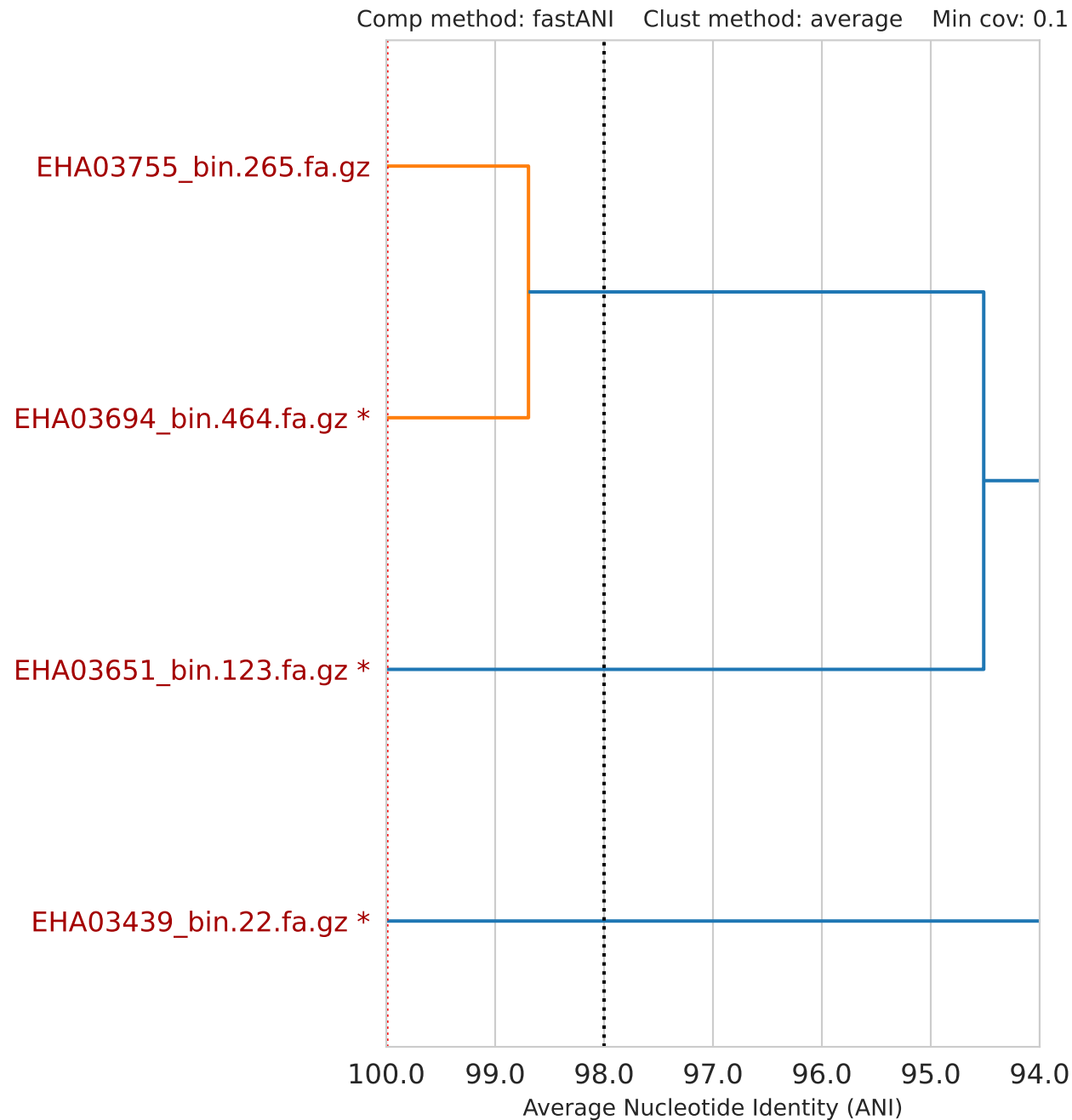
# Primary cluster 621



# Primary cluster 624

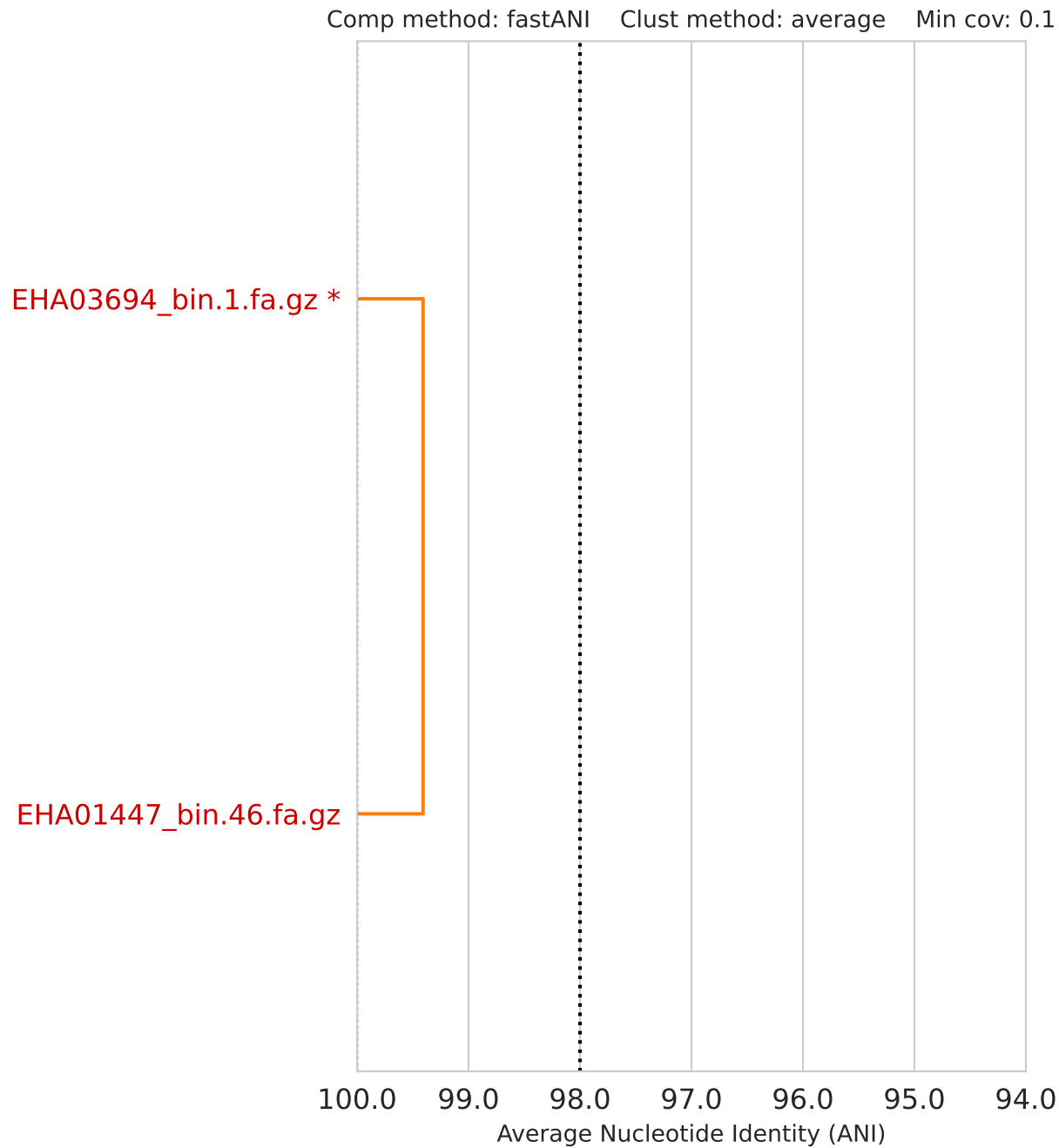


# Primary cluster 628

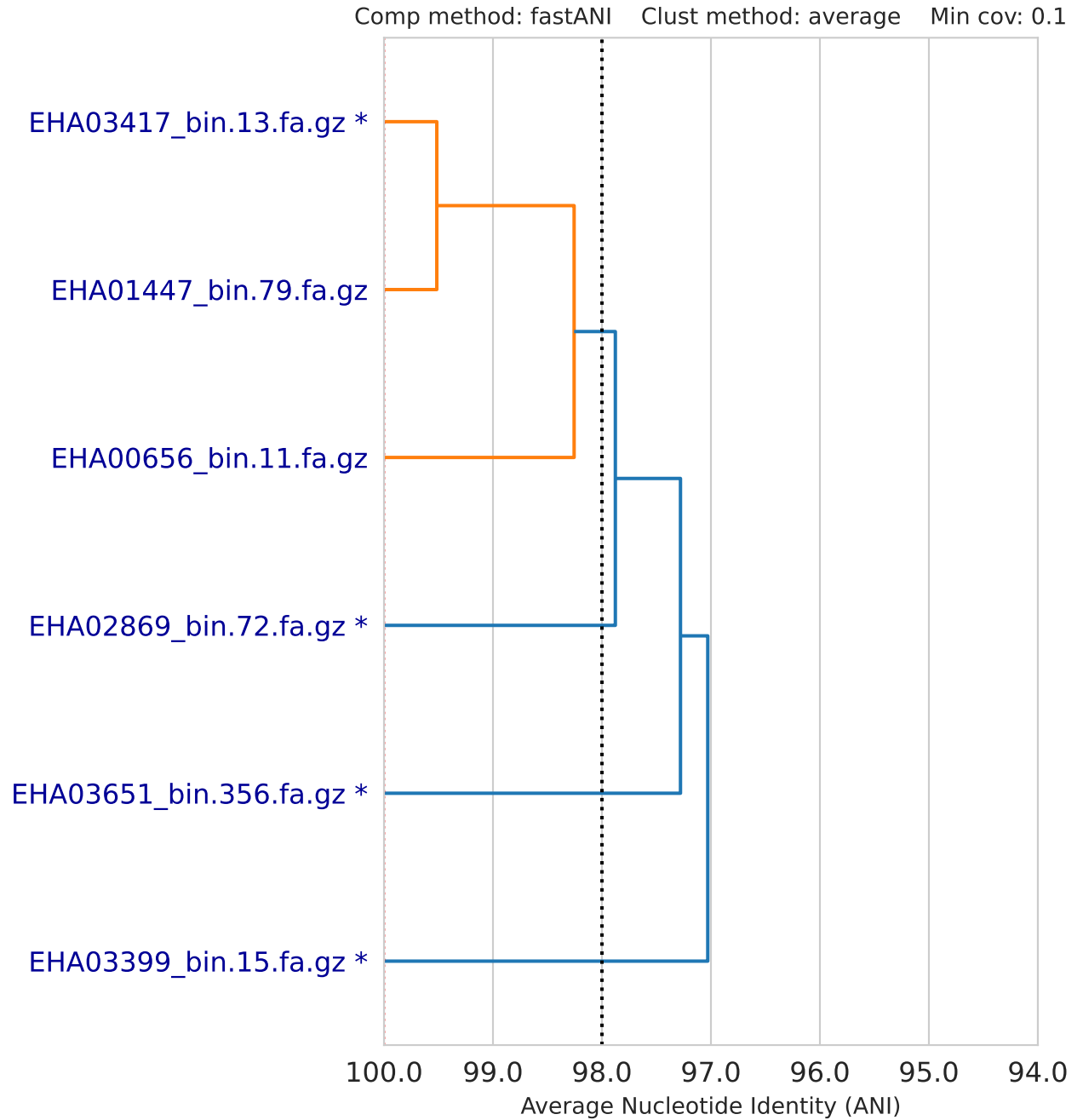




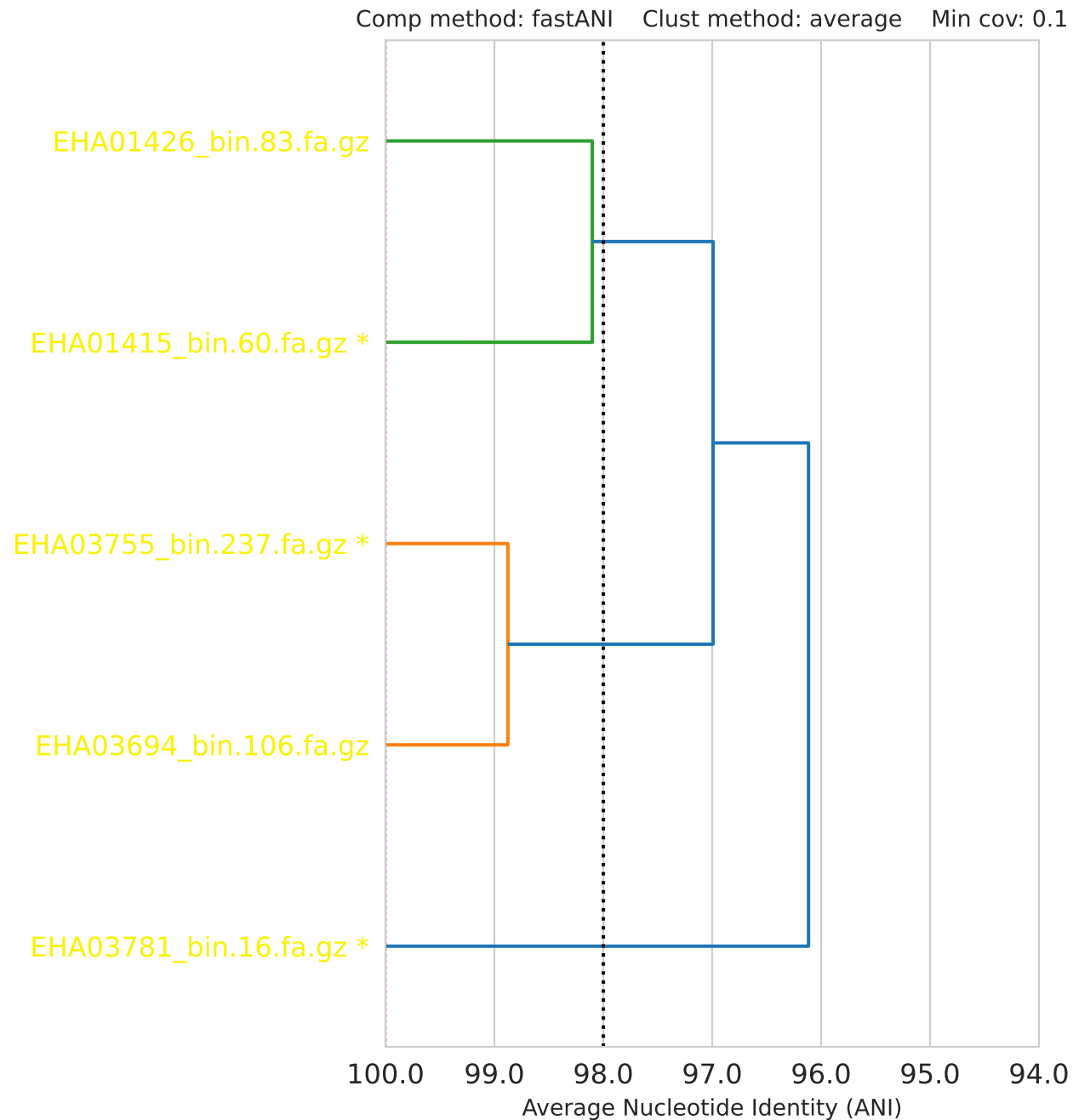
# Primary cluster 630



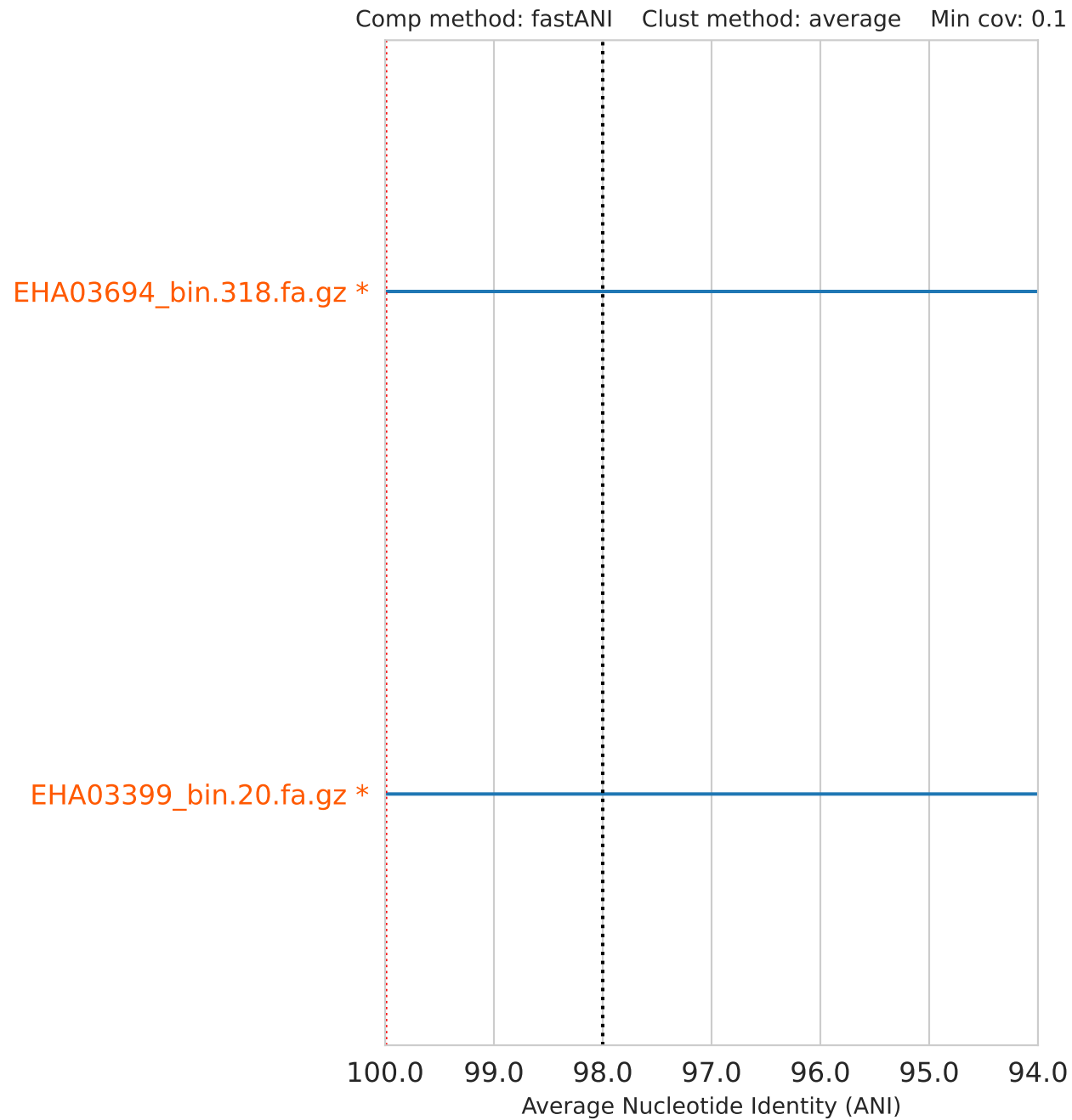
# Primary cluster 631



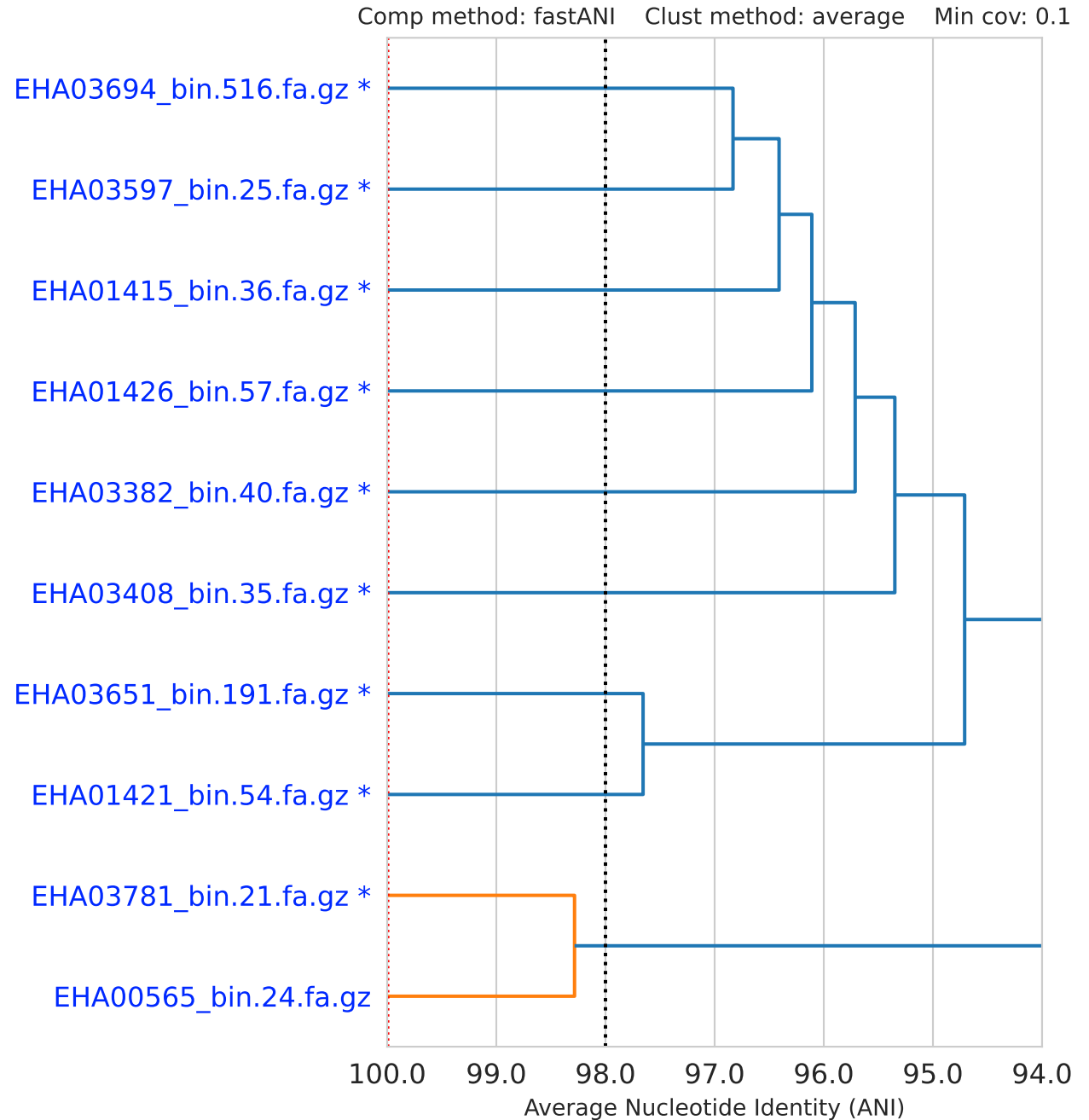
# Primary cluster 632



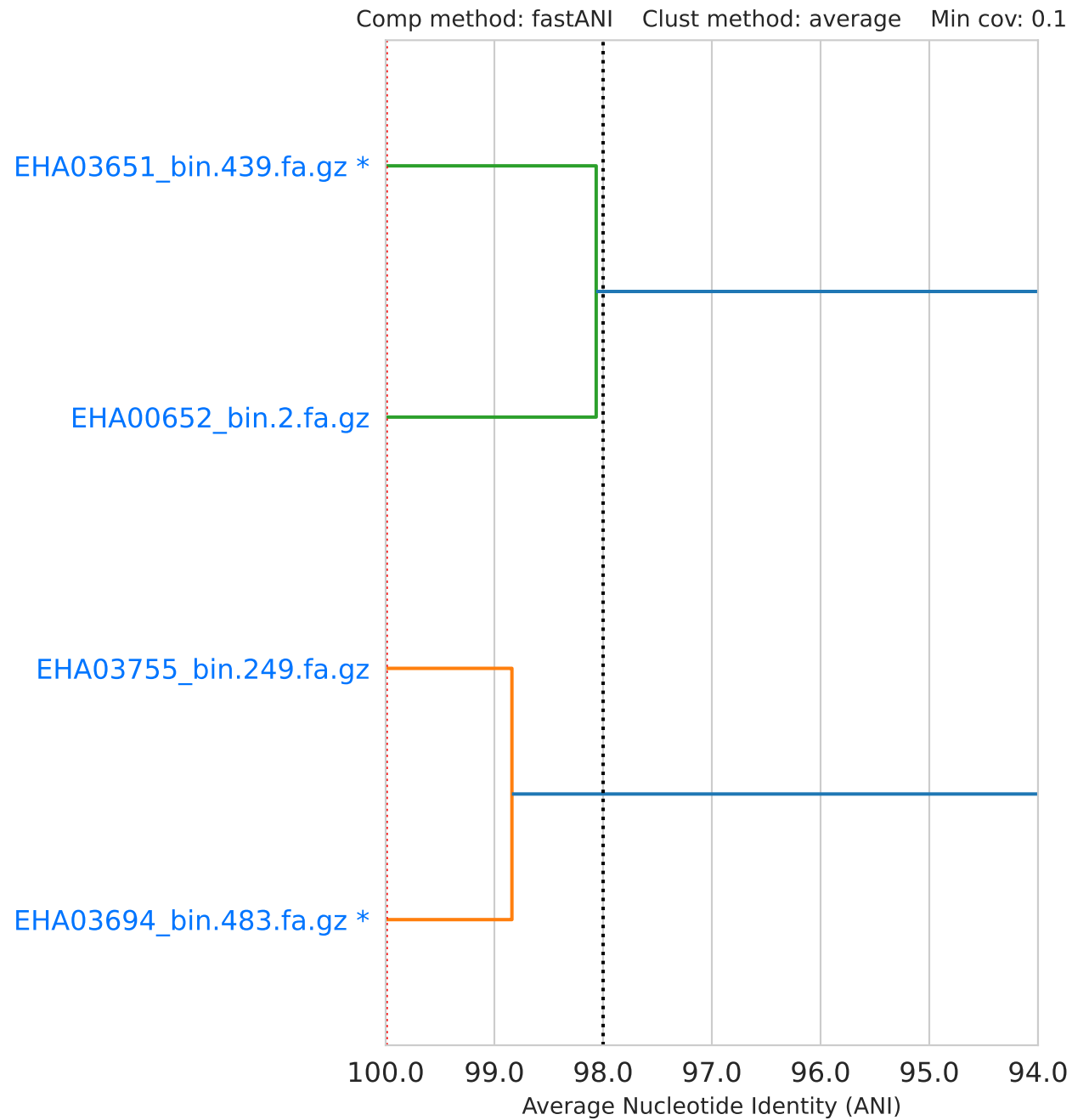
# Primary cluster 633



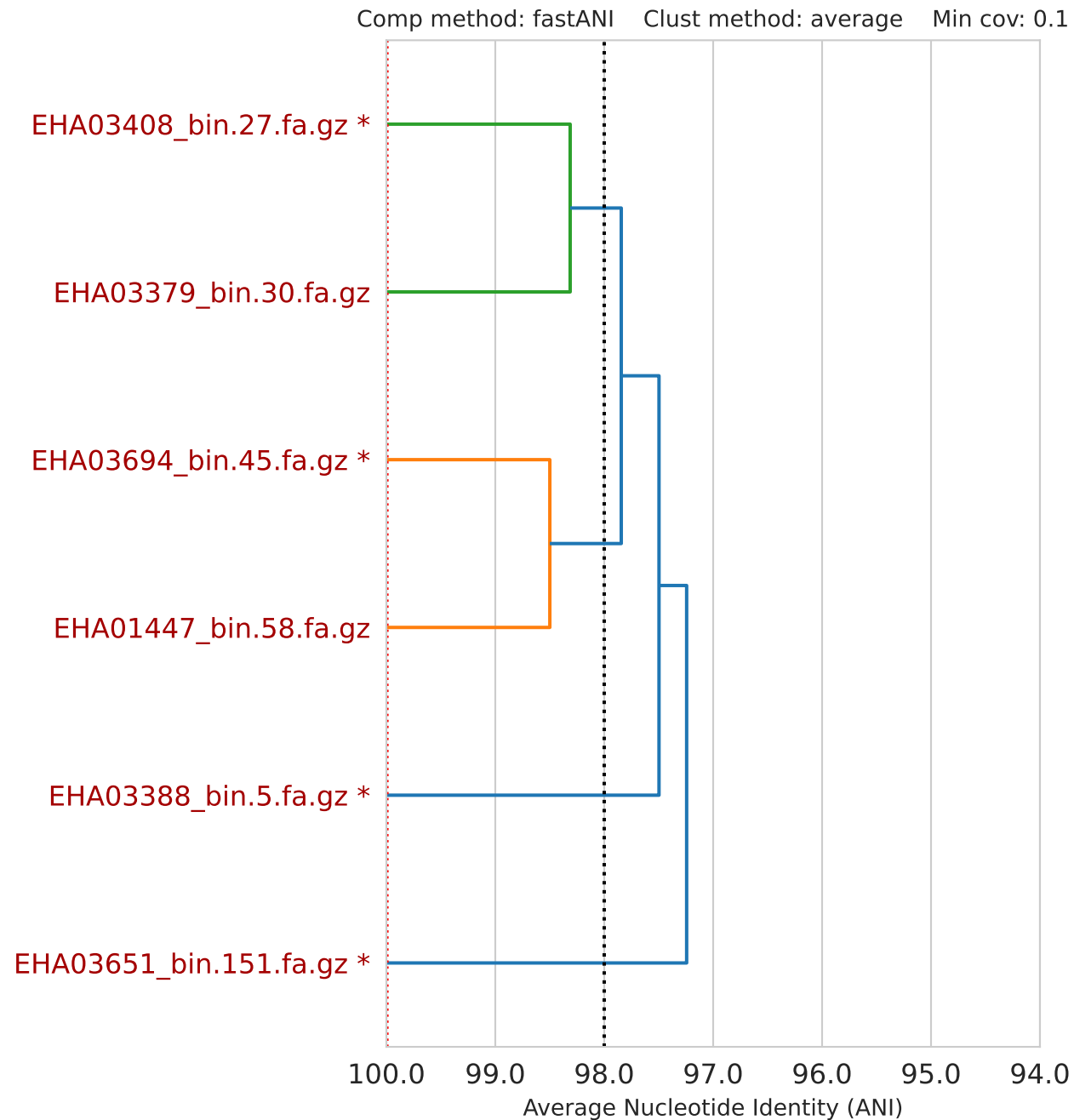
# Primary cluster 634



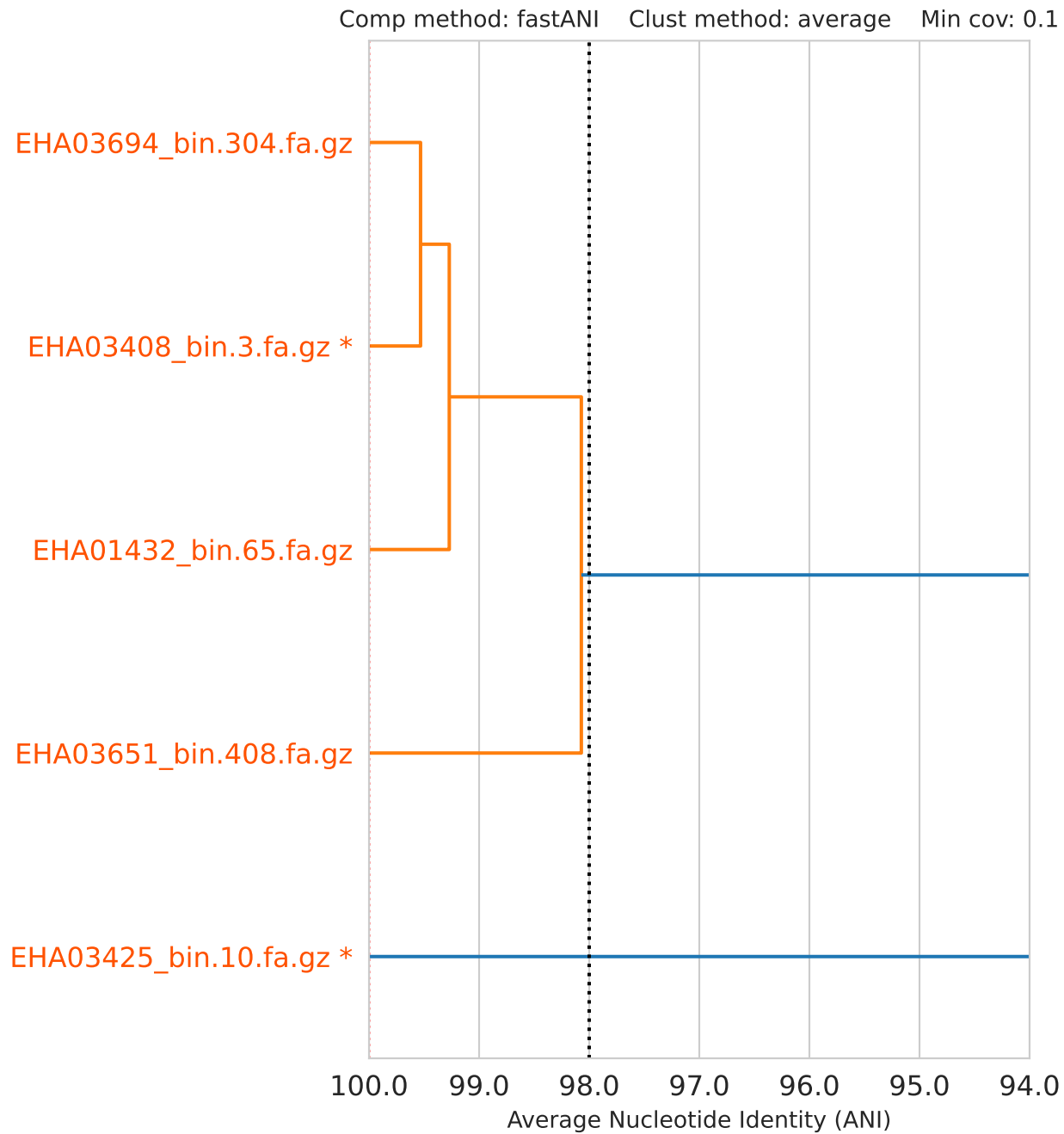
# Primary cluster 636



# Primary cluster 638

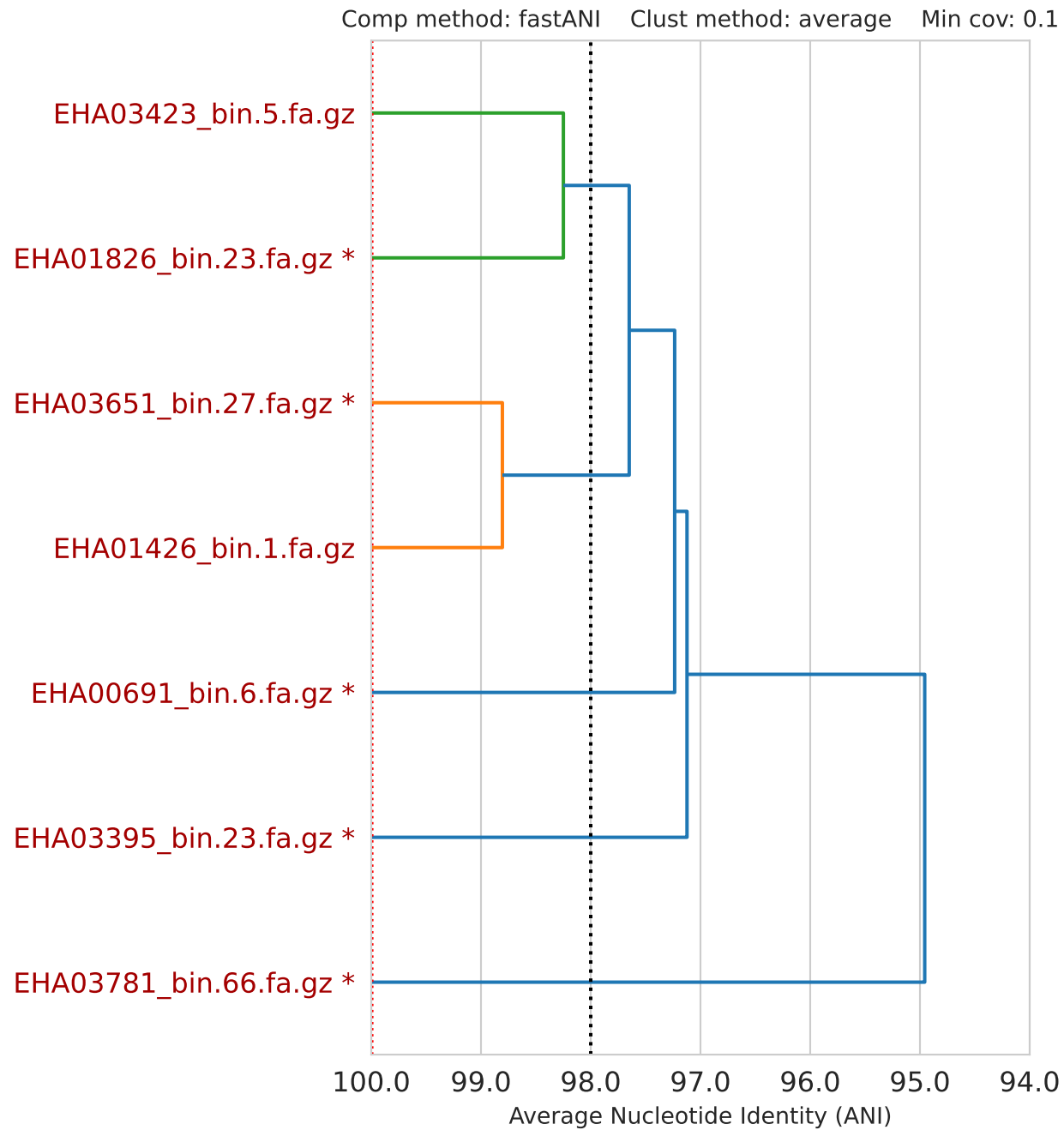


# Primary cluster 639

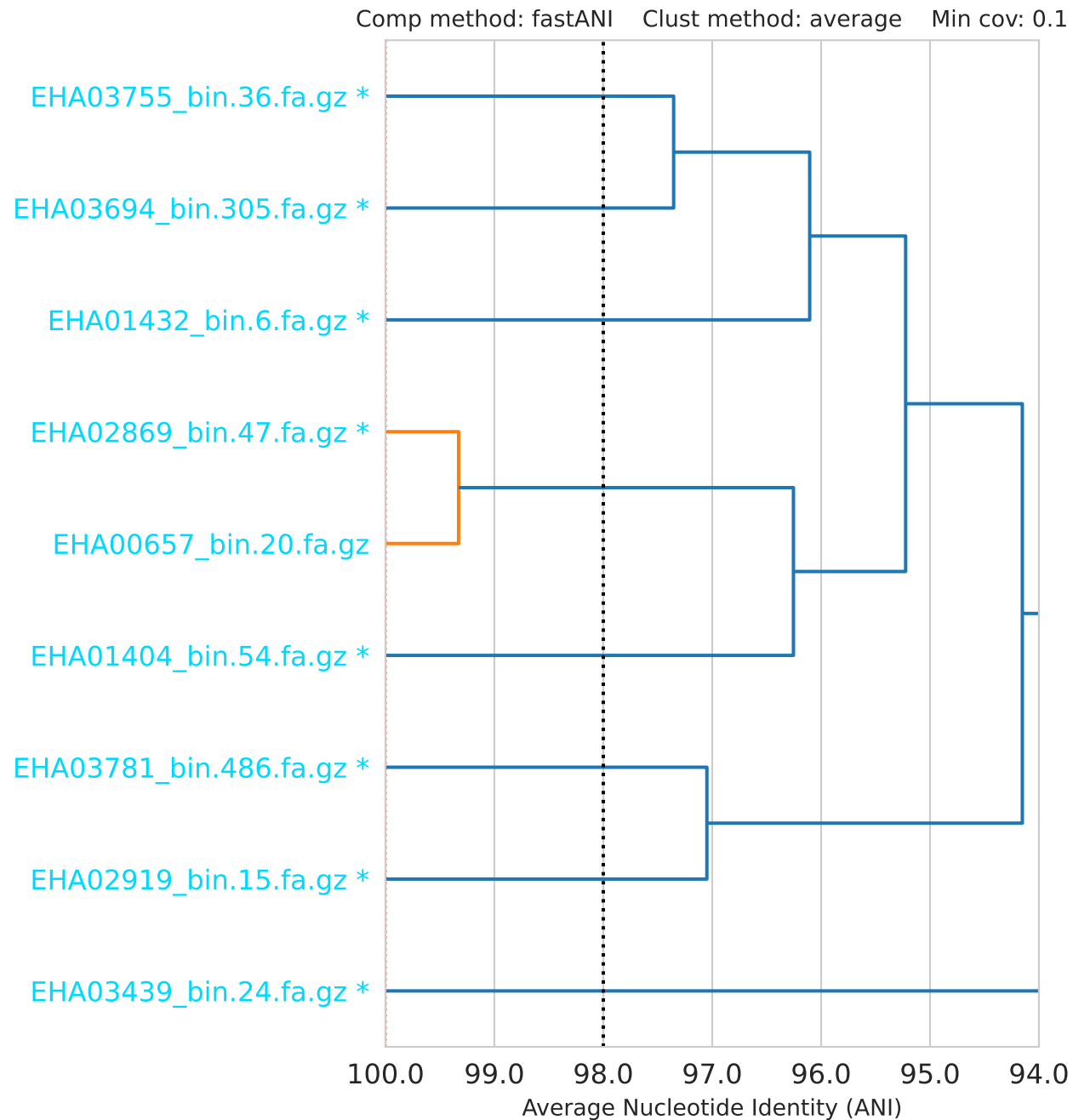




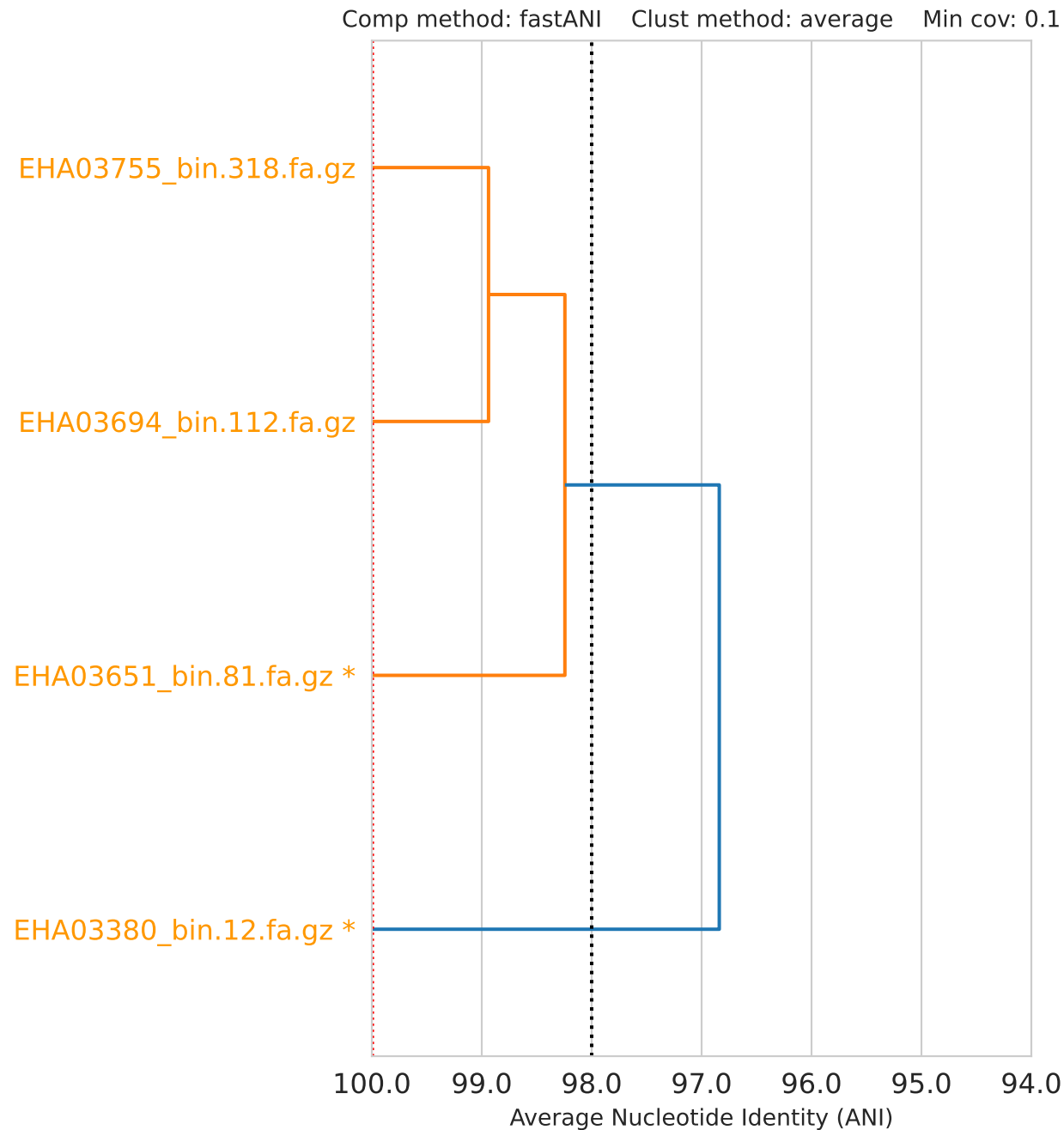
# Primary cluster 640



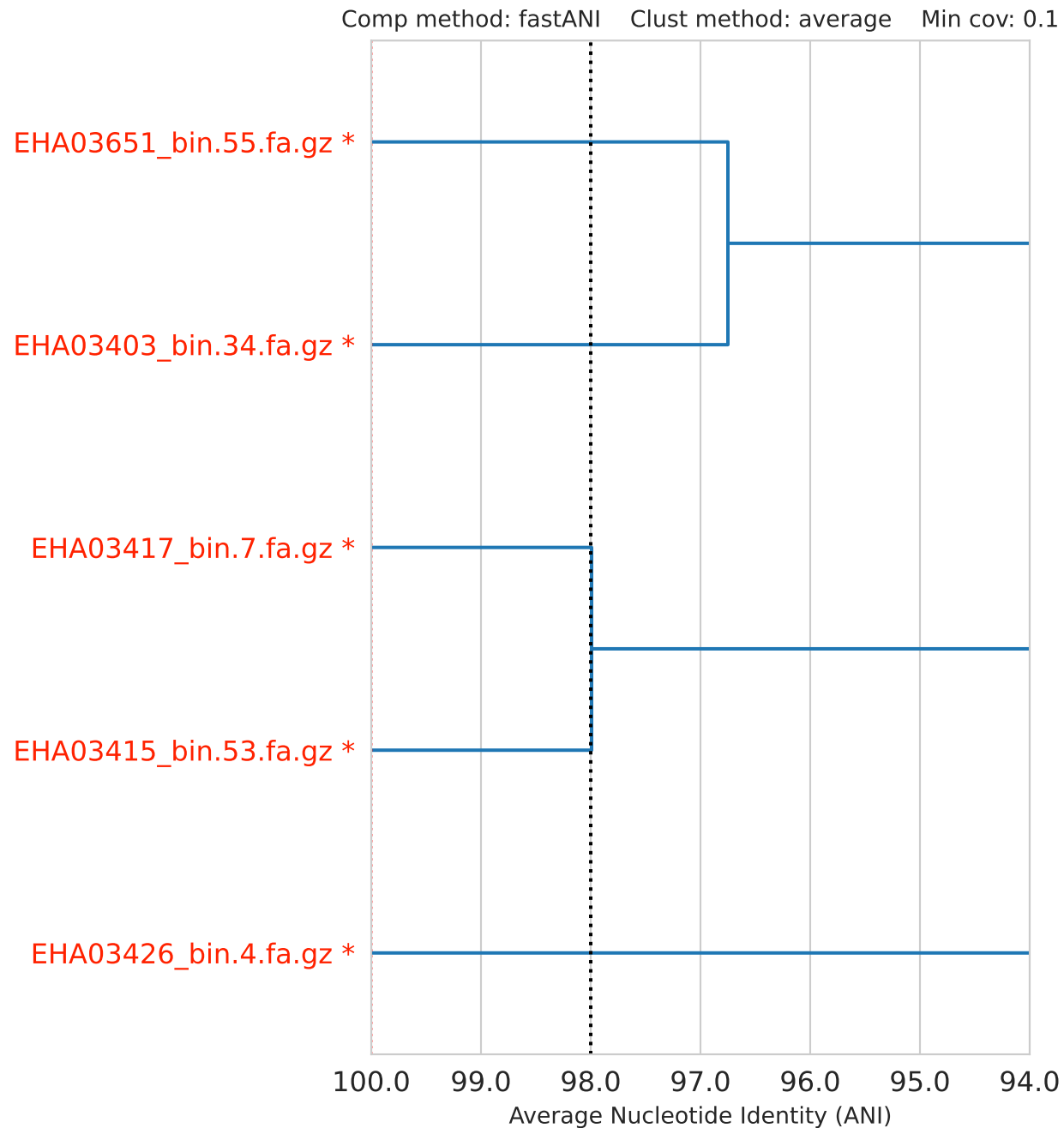
# Primary cluster 641



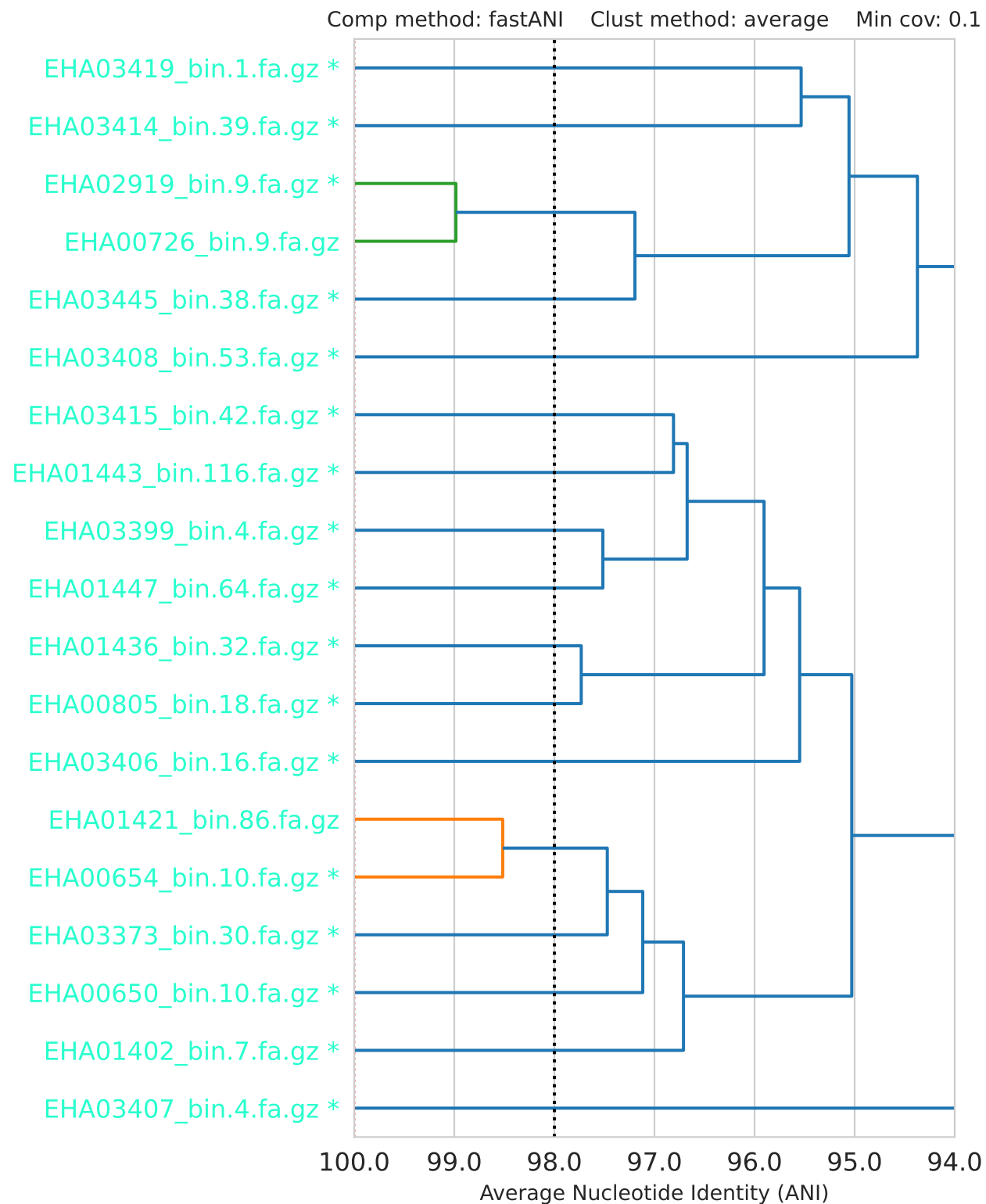
# Primary cluster 642



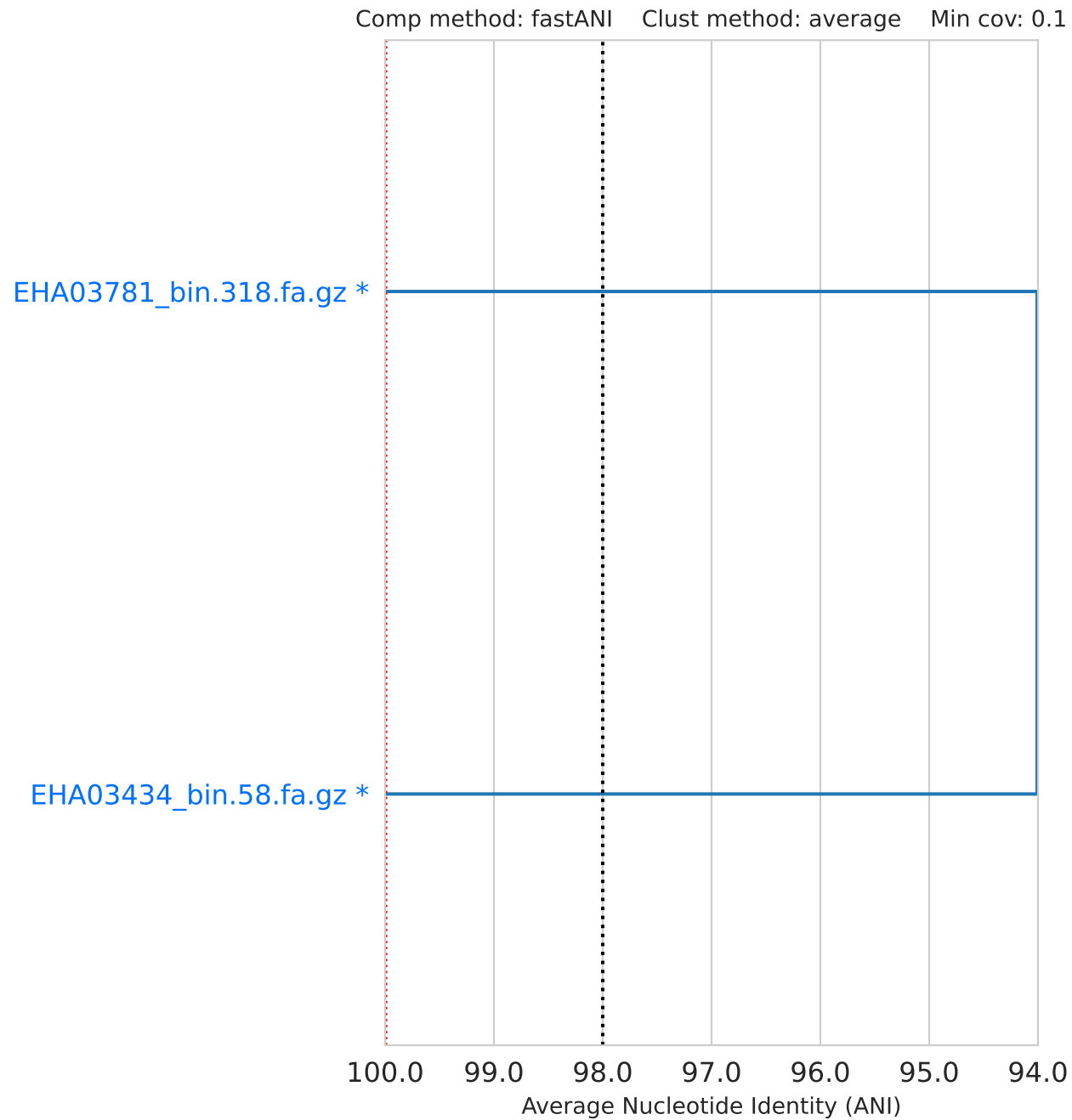
# Primary cluster 644



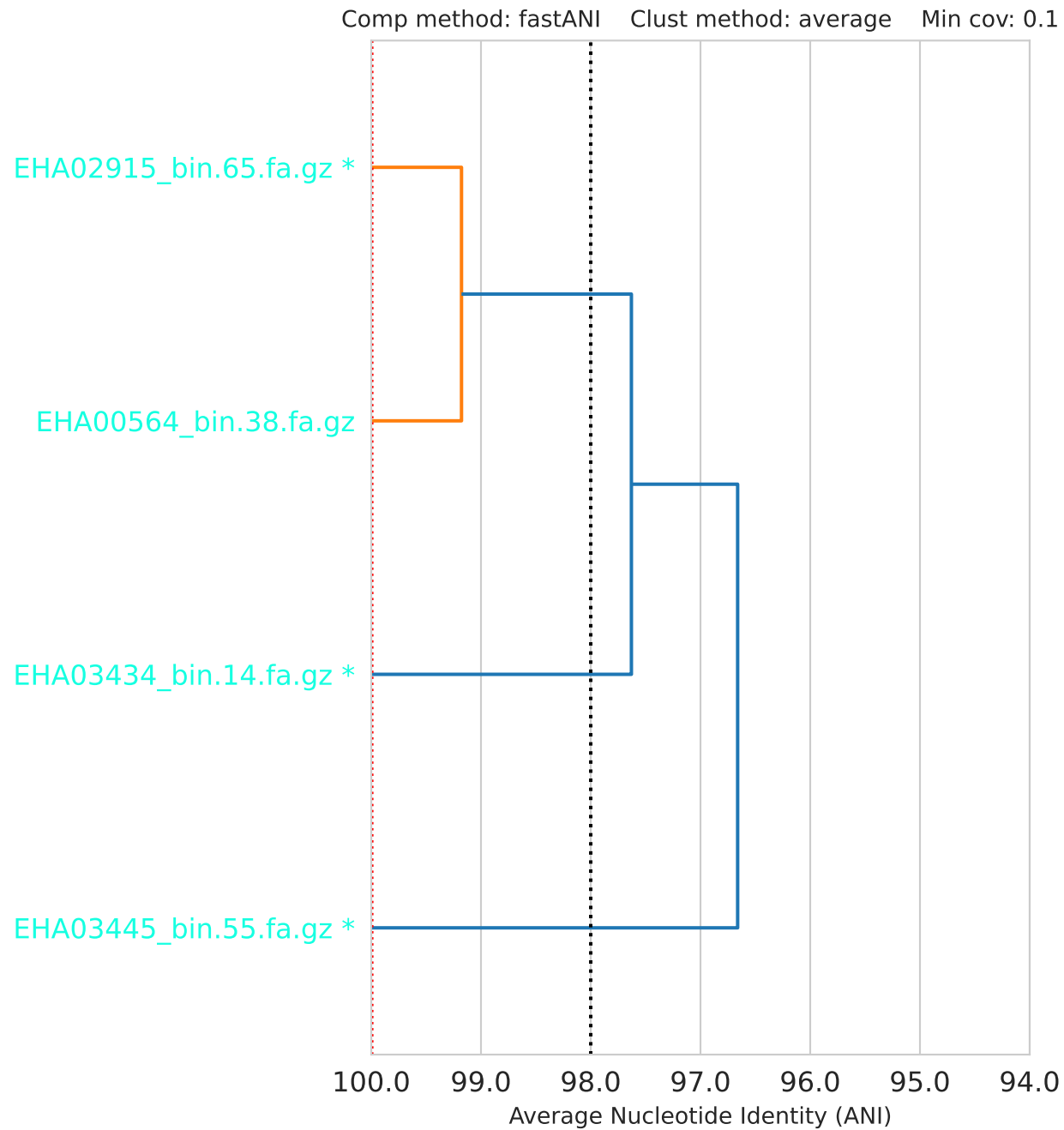
# Primary cluster 645



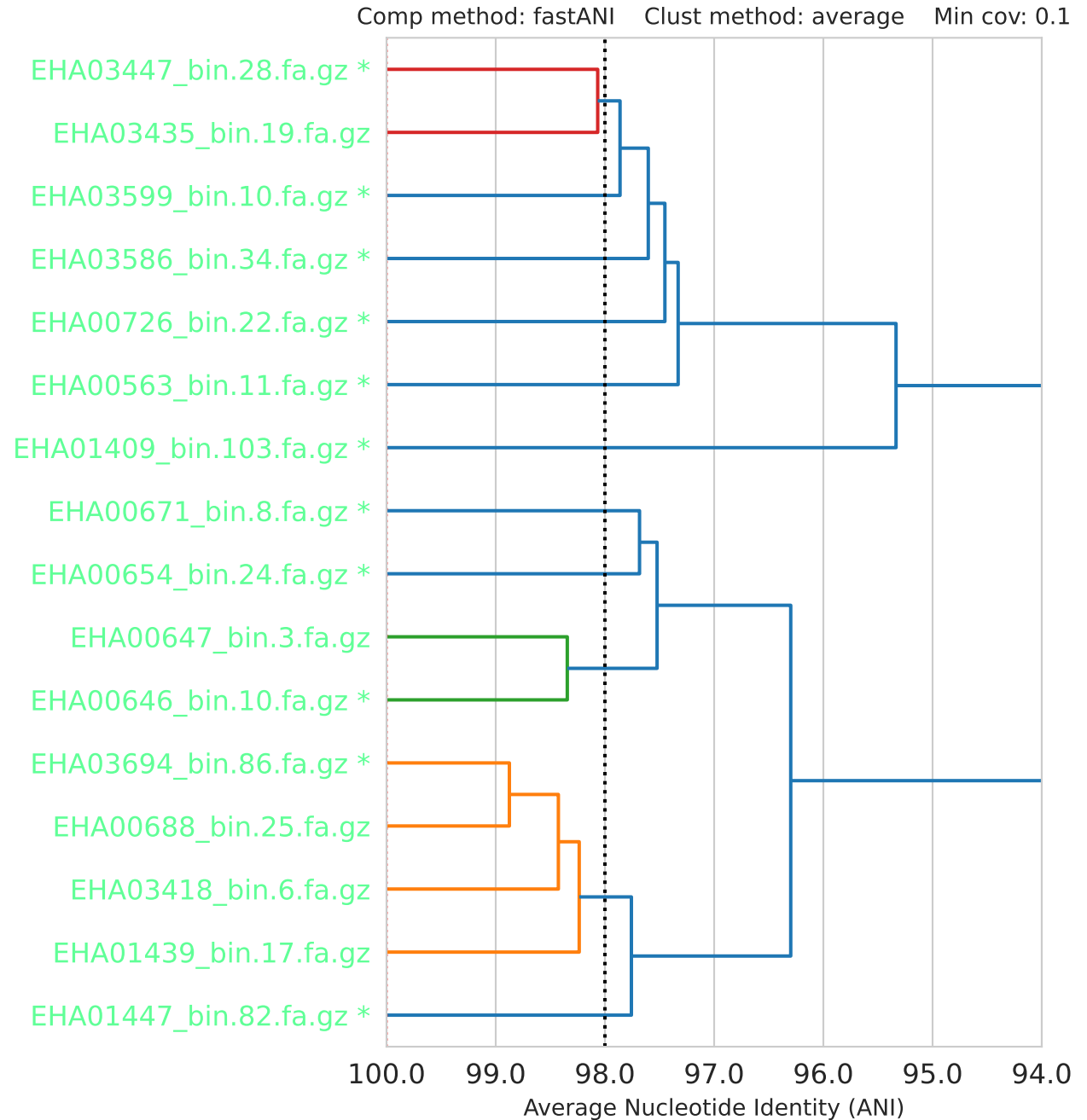
# Primary cluster 648



# Primary cluster 651

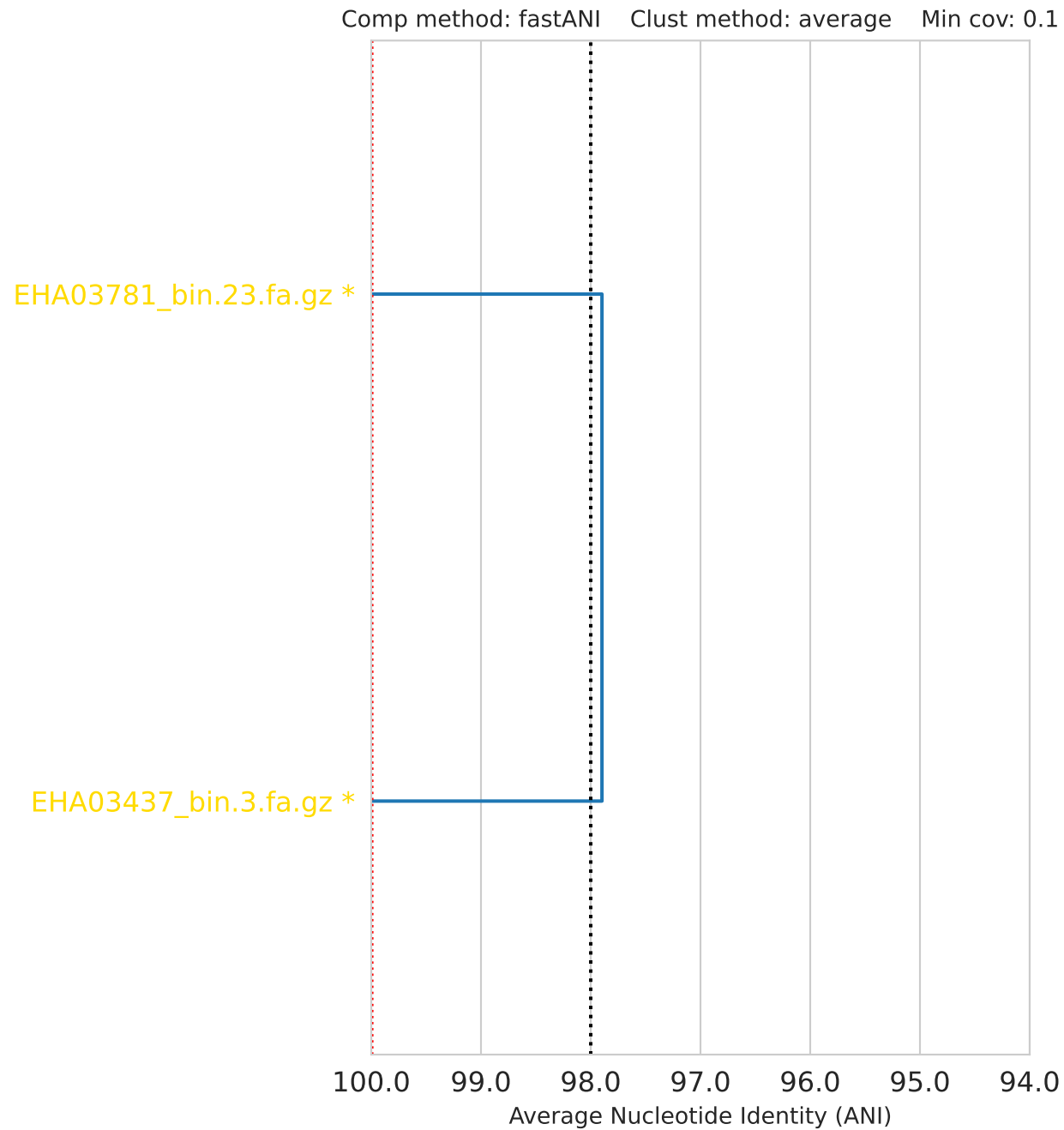


# Primary cluster 652

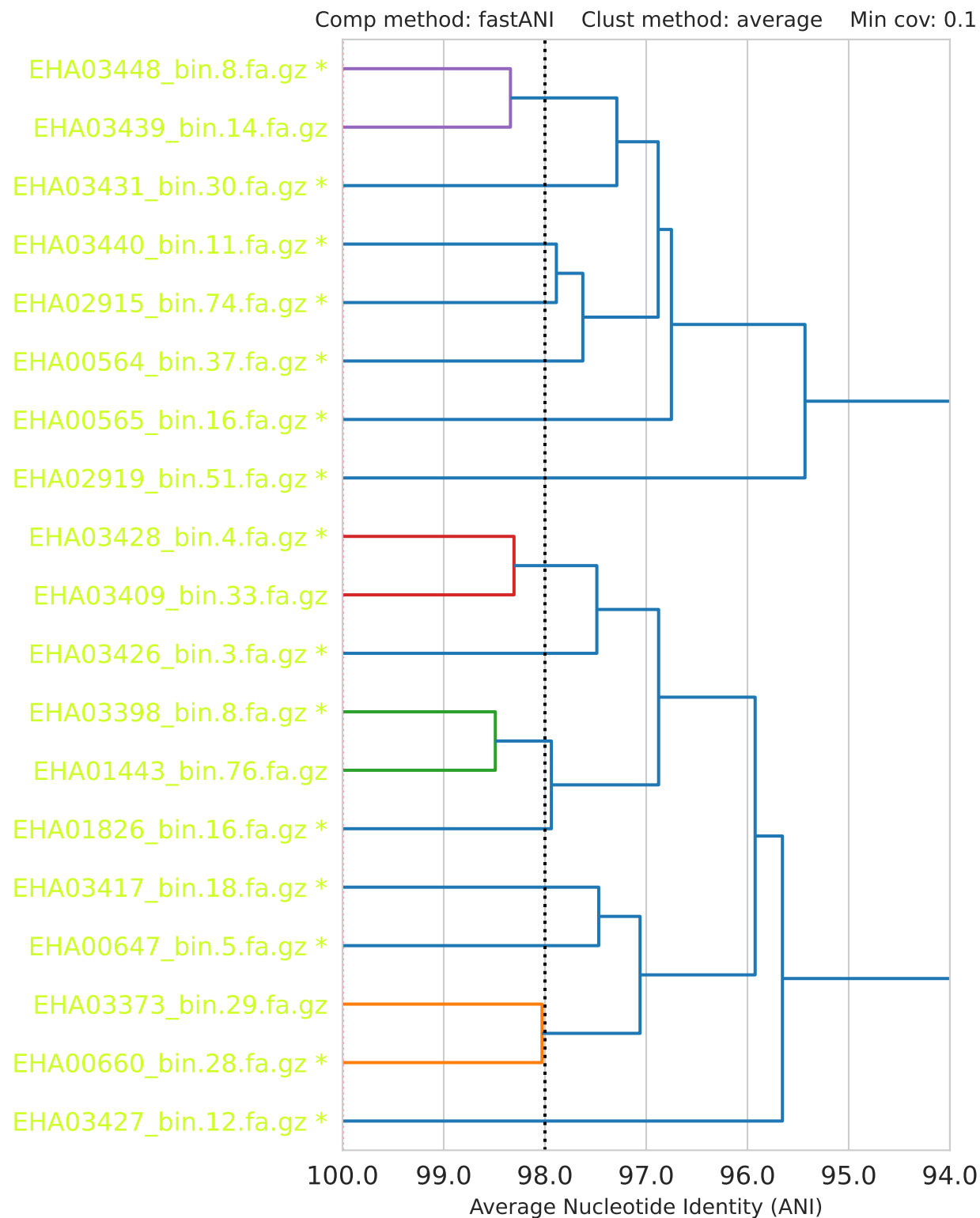




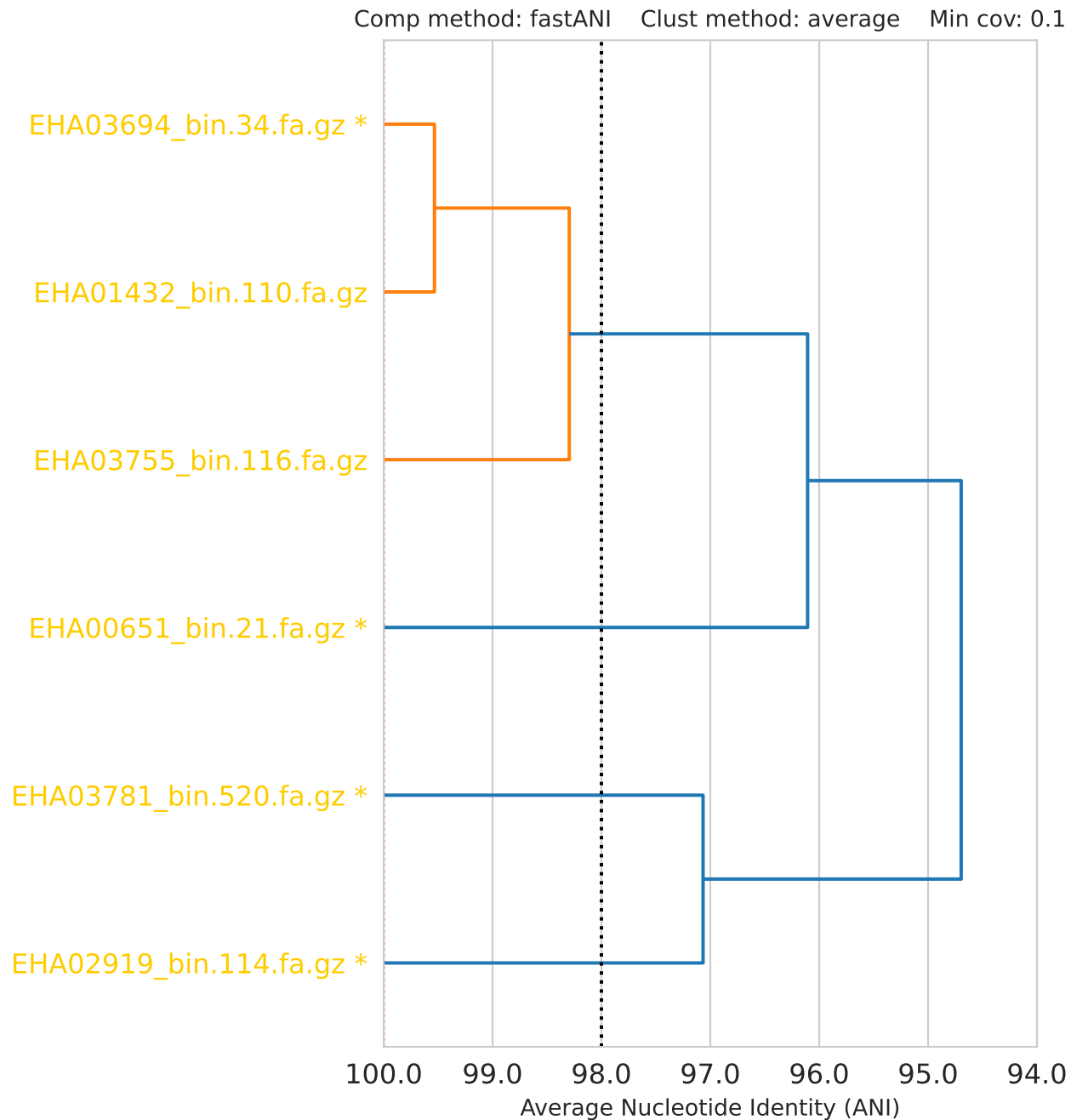
# Primary cluster 653



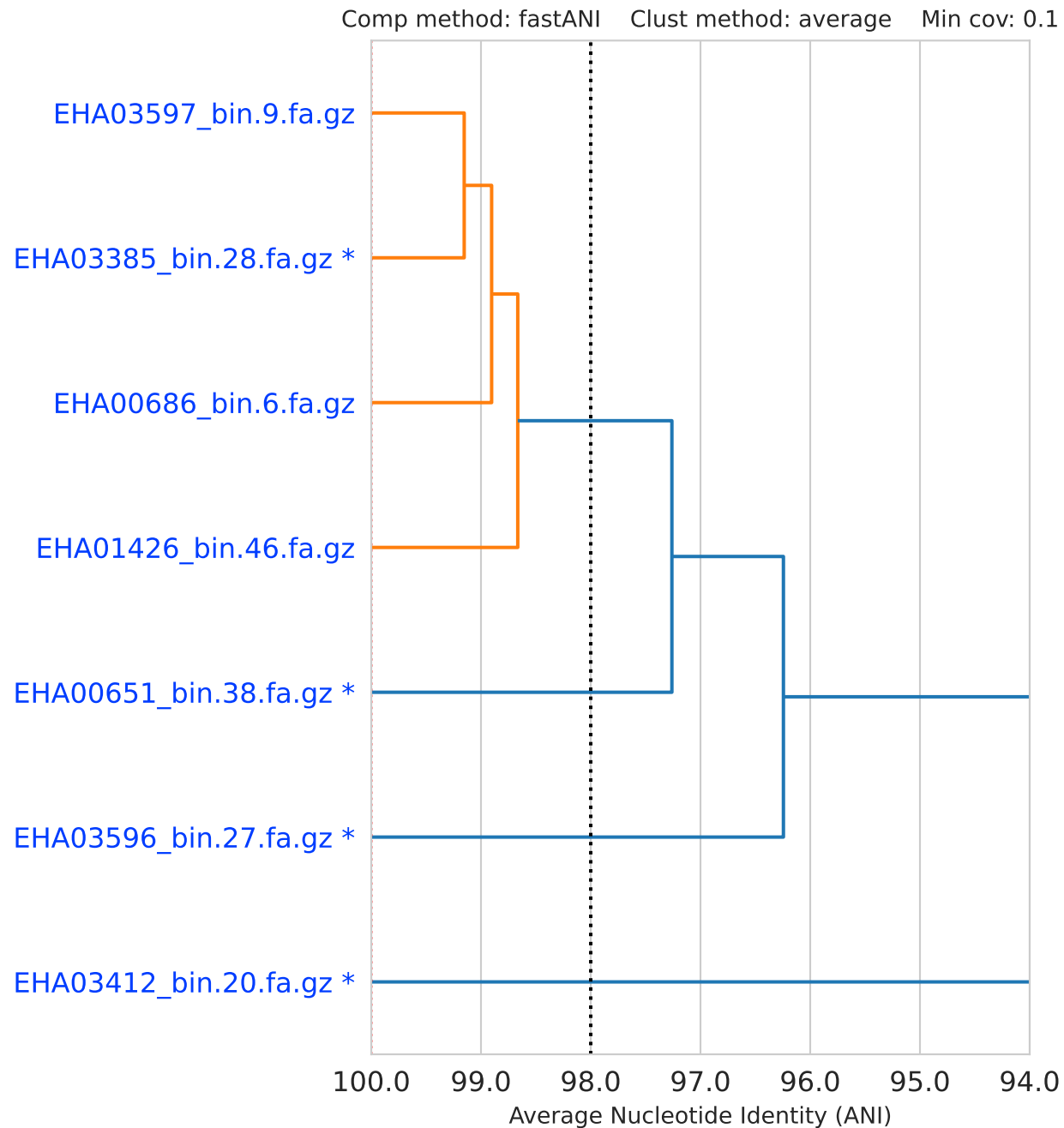
# Primary cluster 654



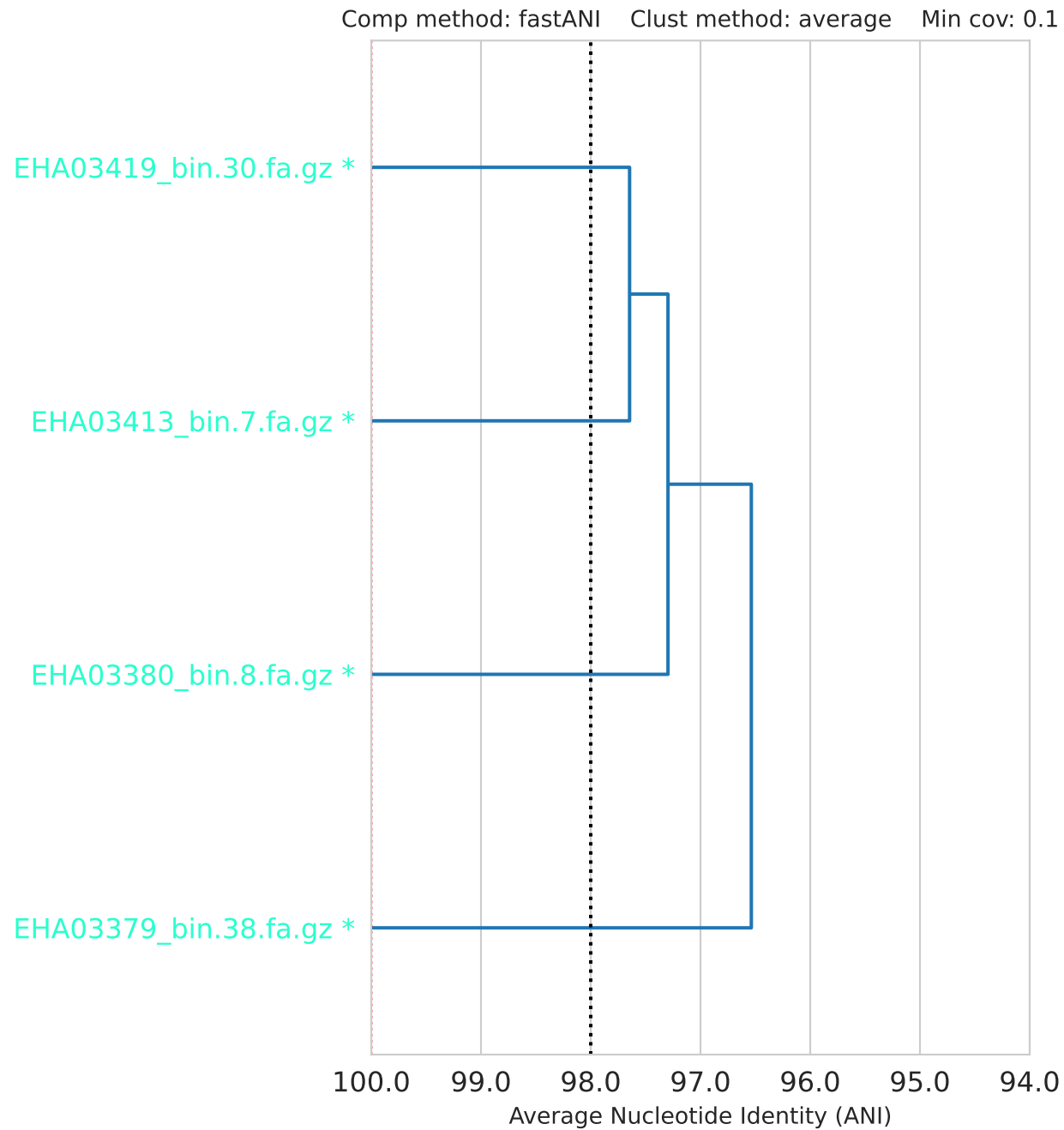
# Primary cluster 655



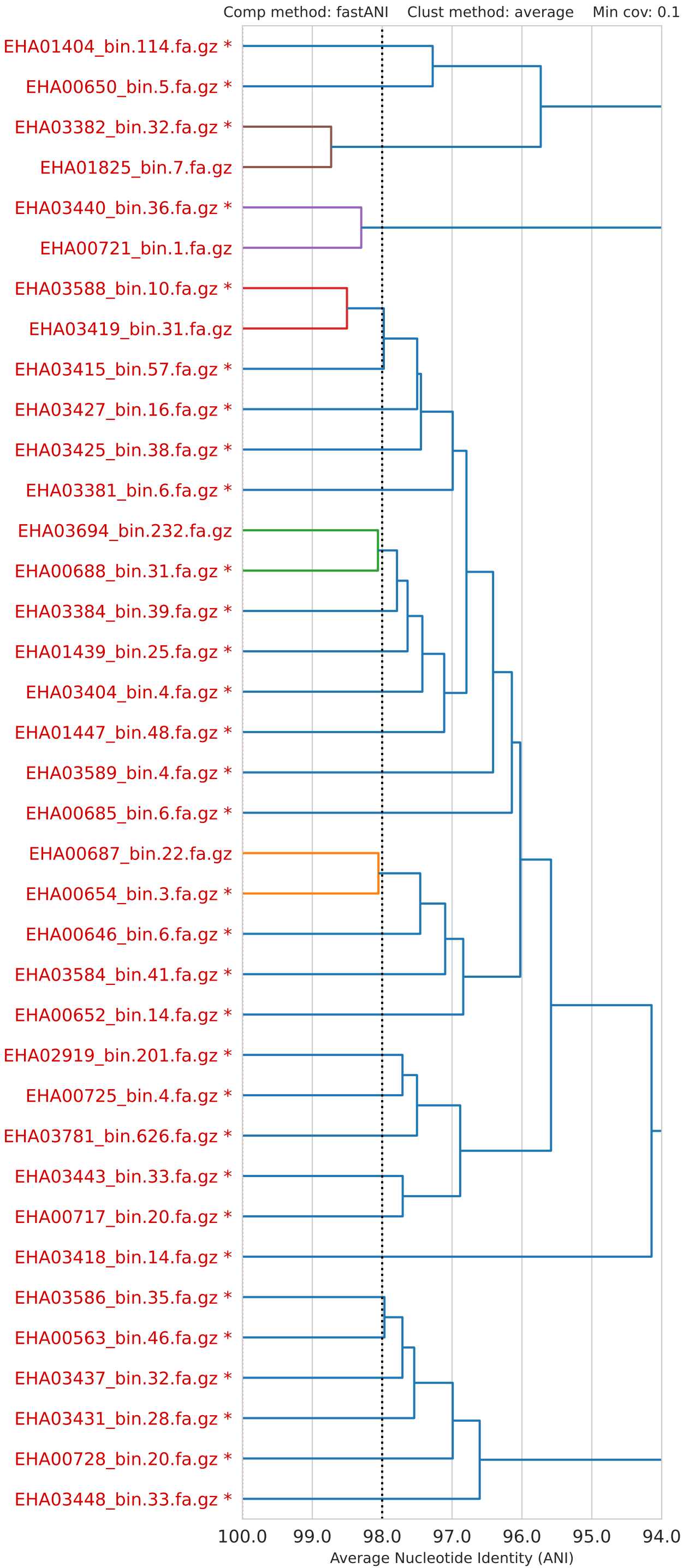
# Primary cluster 656



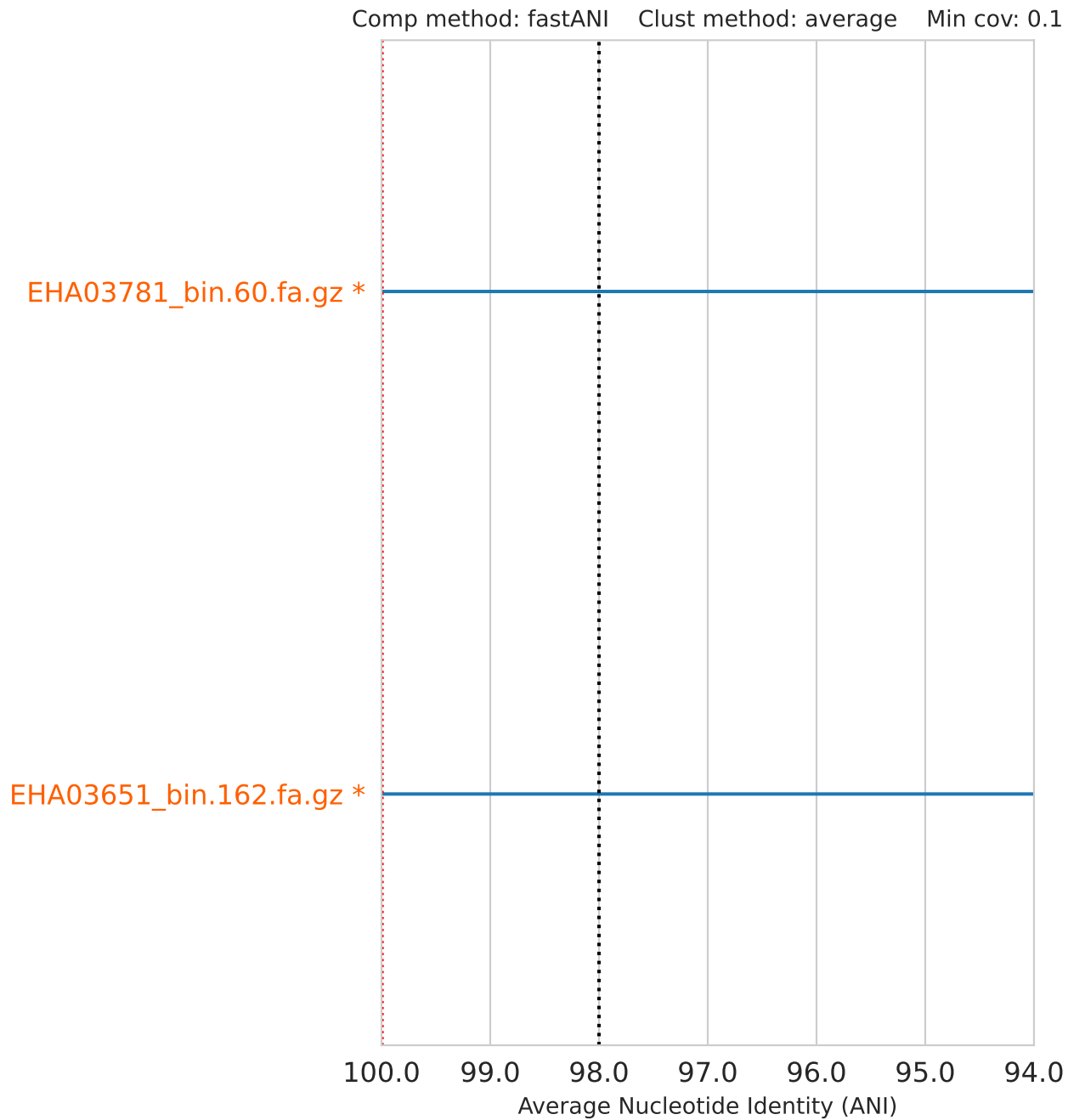
# Primary cluster 657



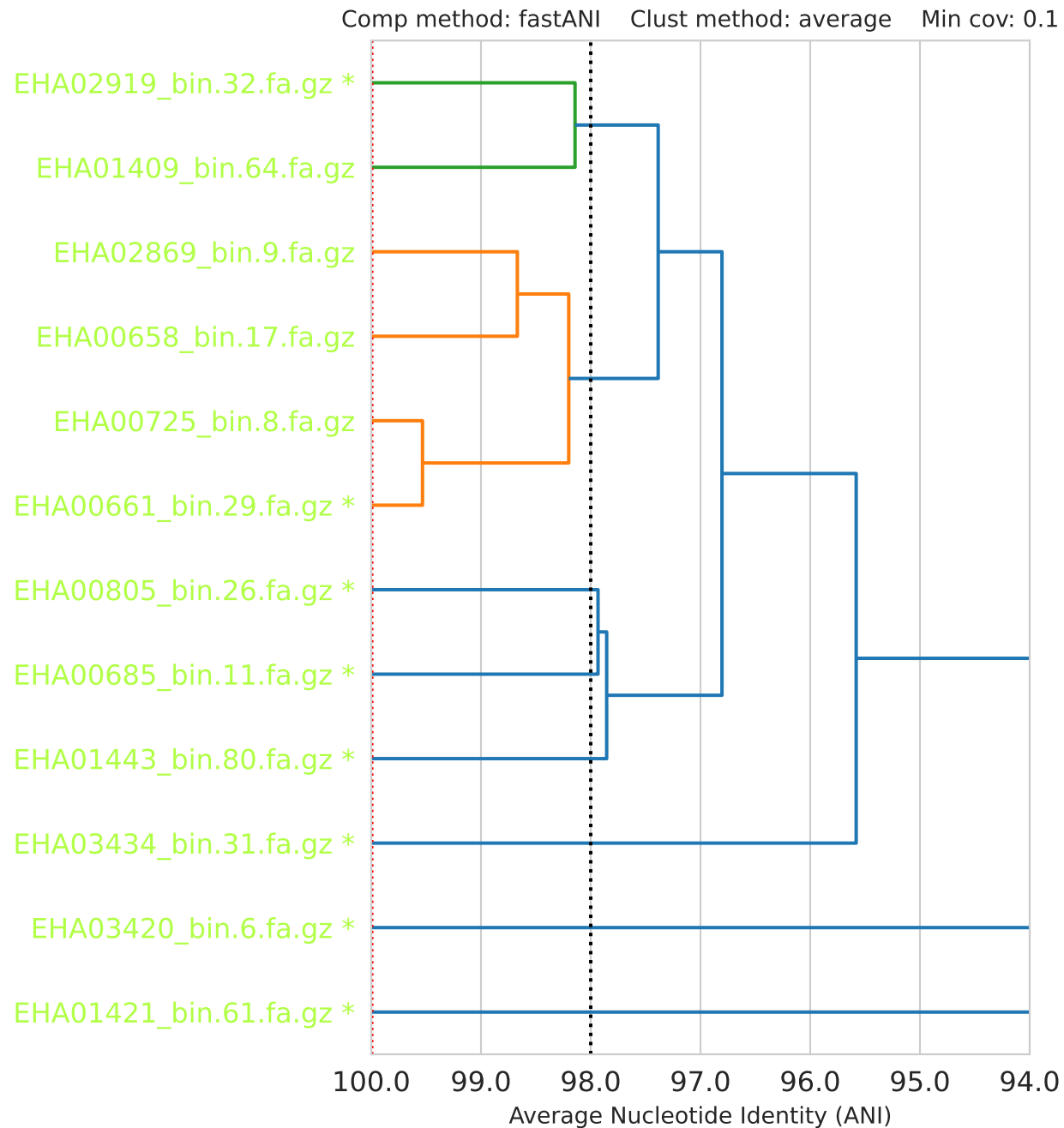
# Primary cluster 658



# Primary cluster 660

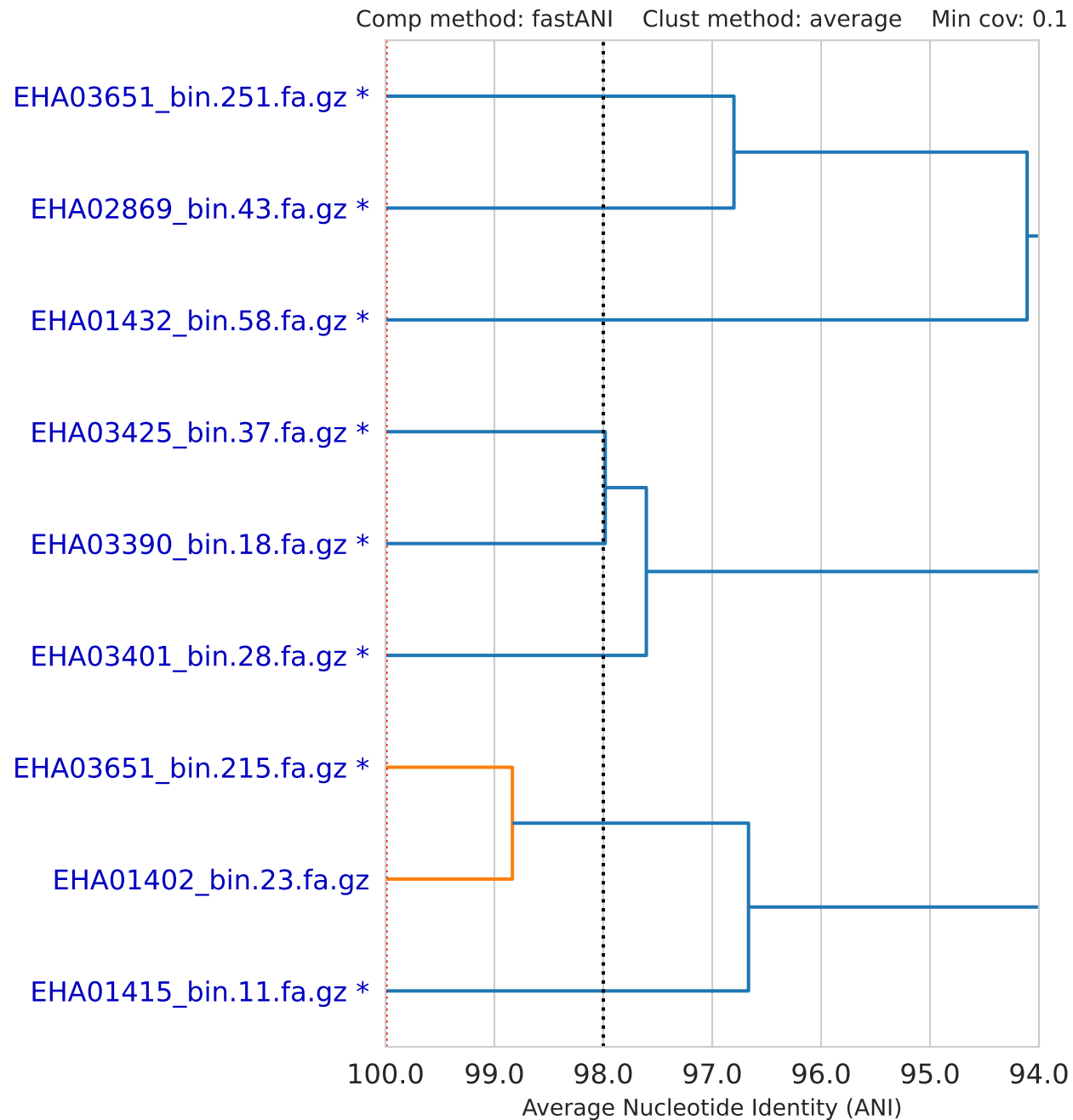


# Primary cluster 661

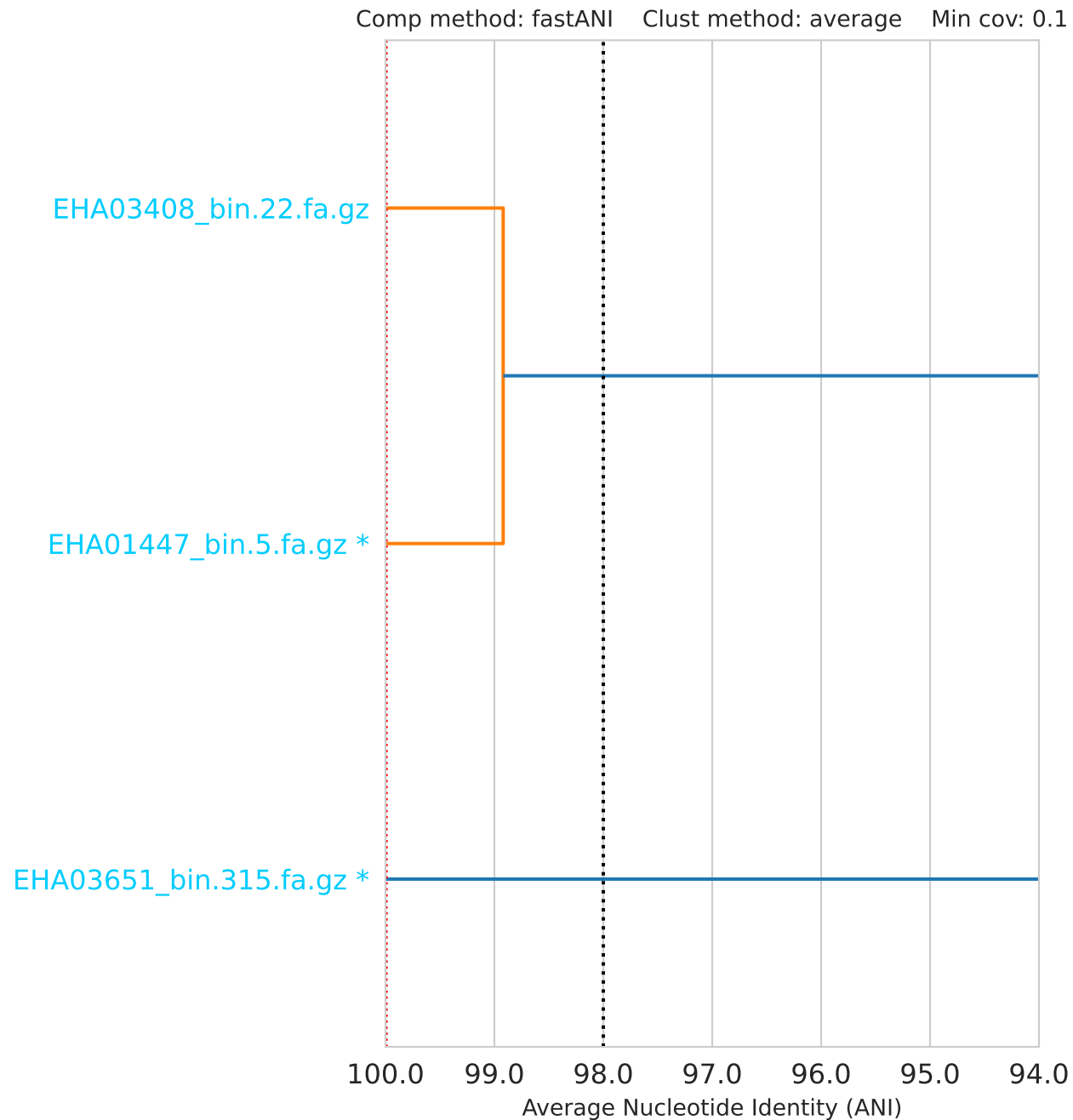




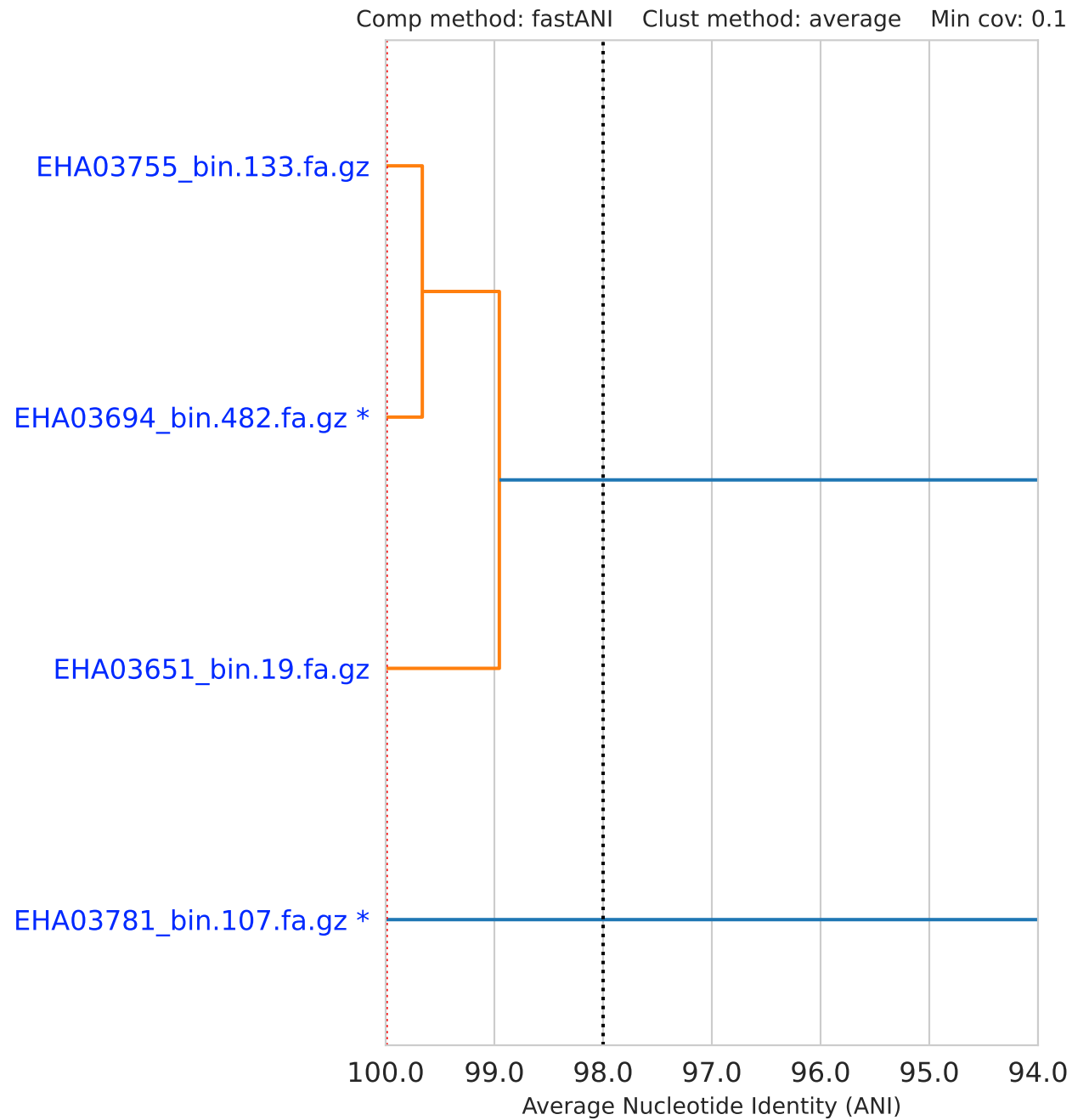
# Primary cluster 662



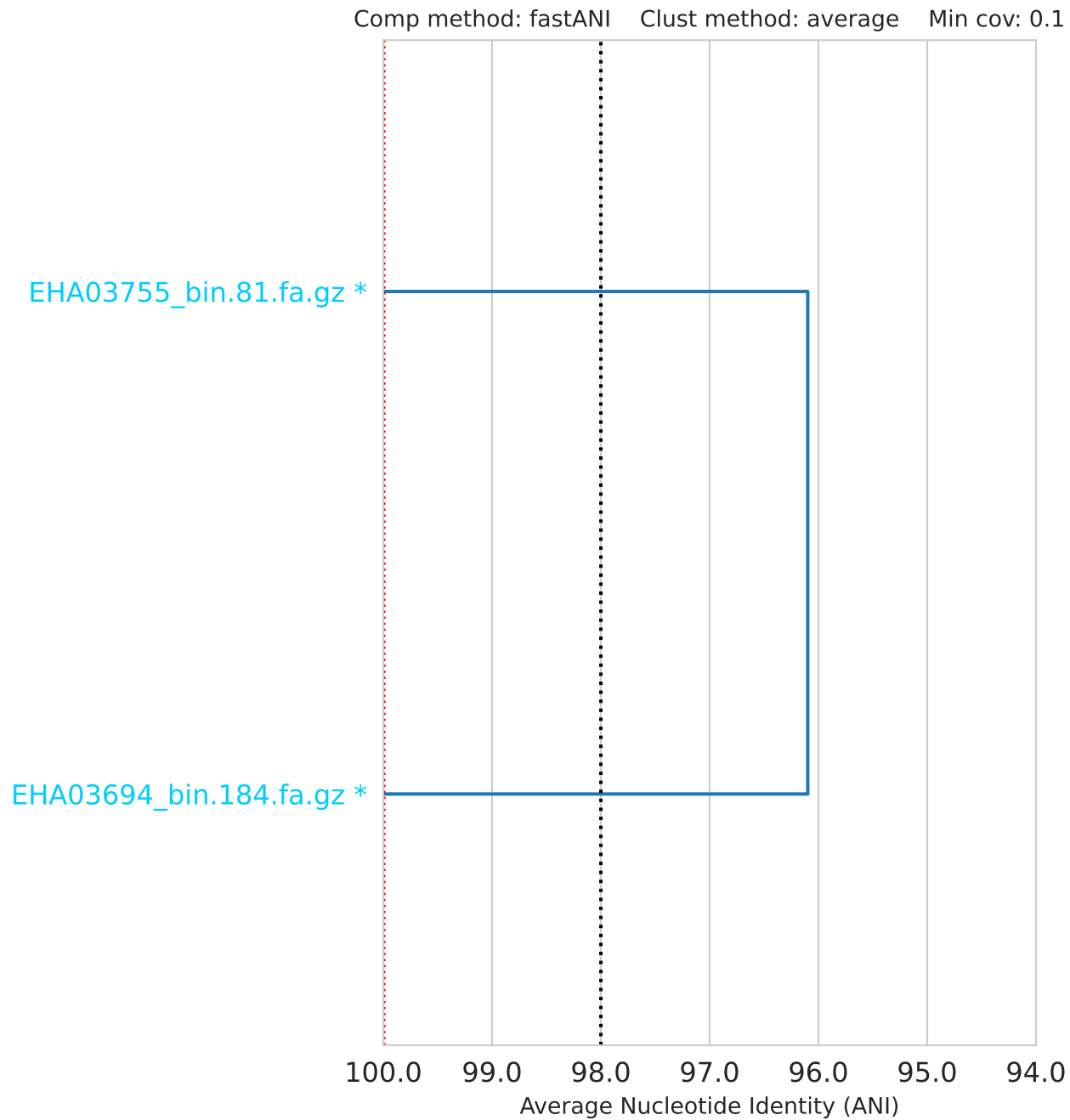
# Primary cluster 663



# Primary cluster 664



# Primary cluster 666



# Primary cluster 667

Comp method: fastANI

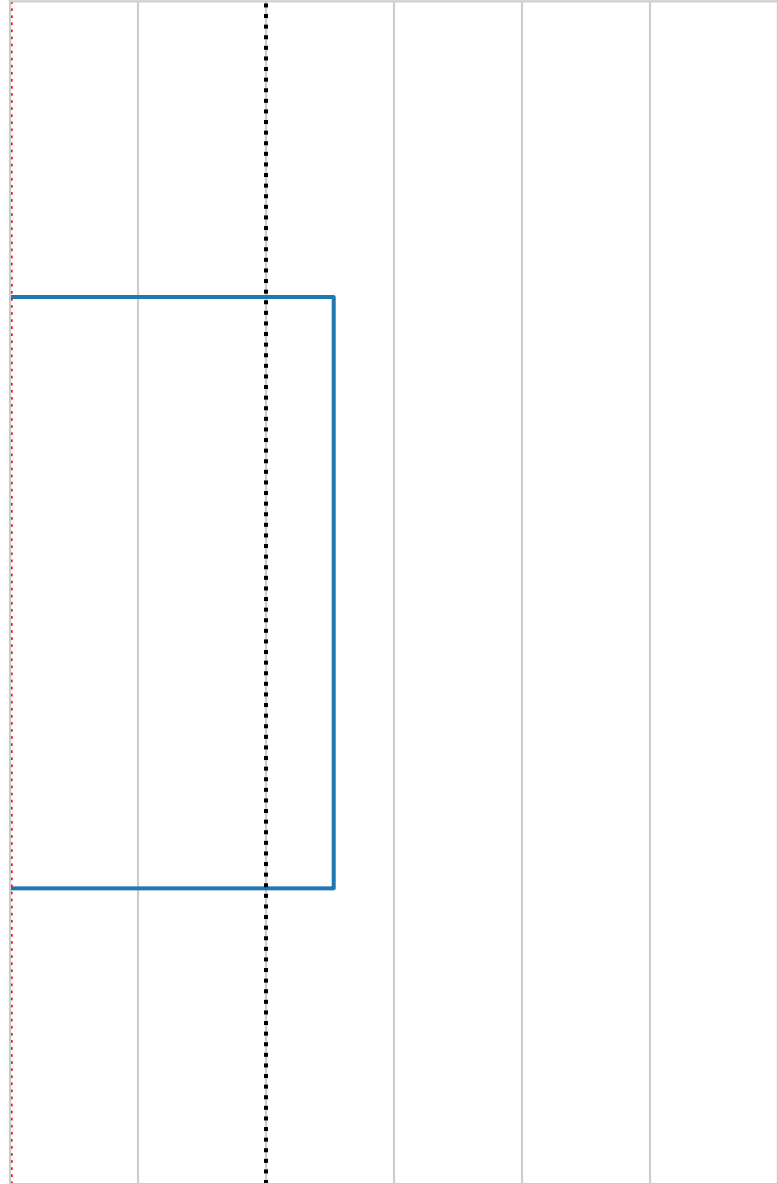
Clust method: average

Min cov: 0.1

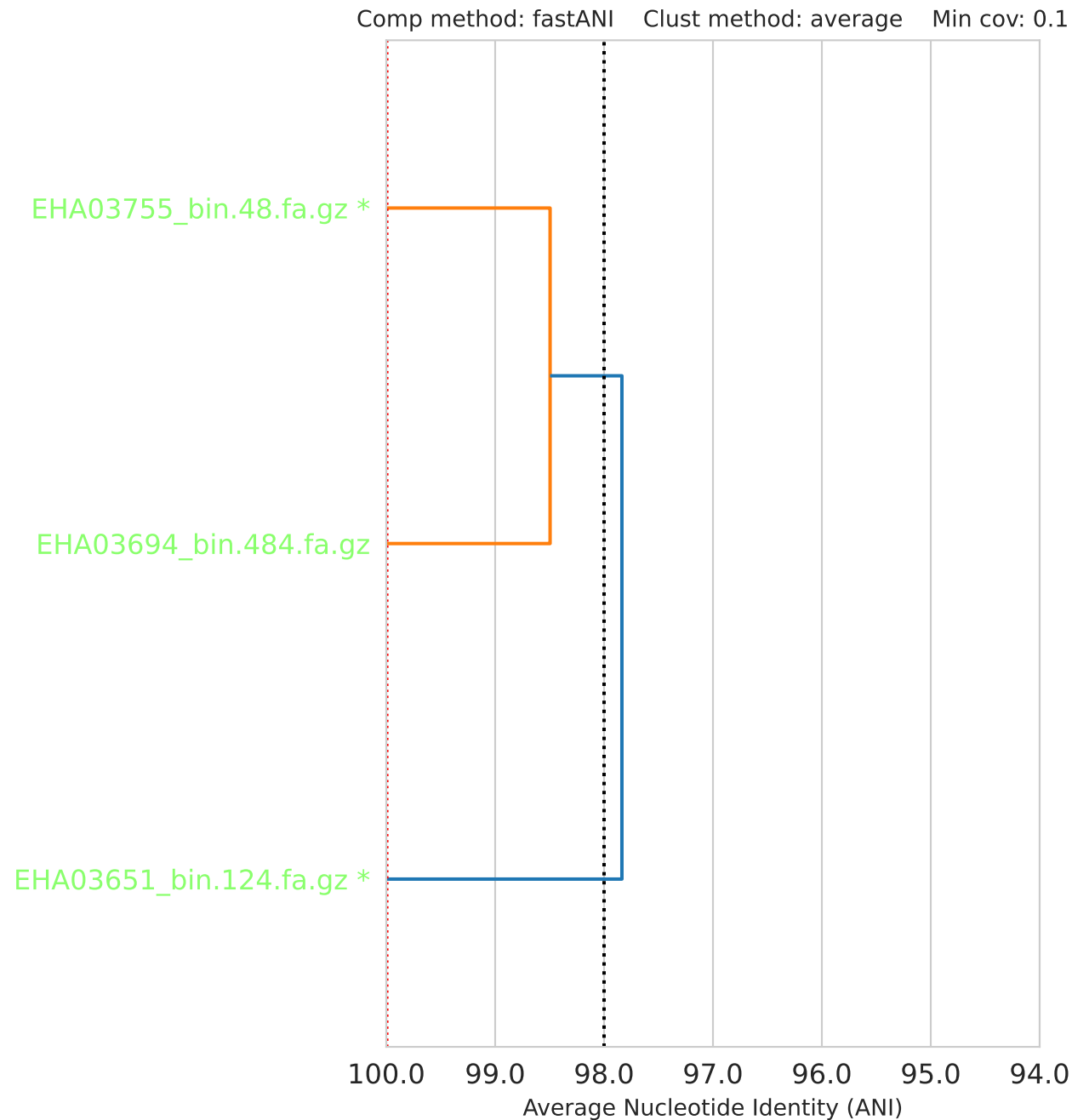
EHA03694\_bin.155.fa.gz \*

EHA03419\_bin.2.fa.gz \*

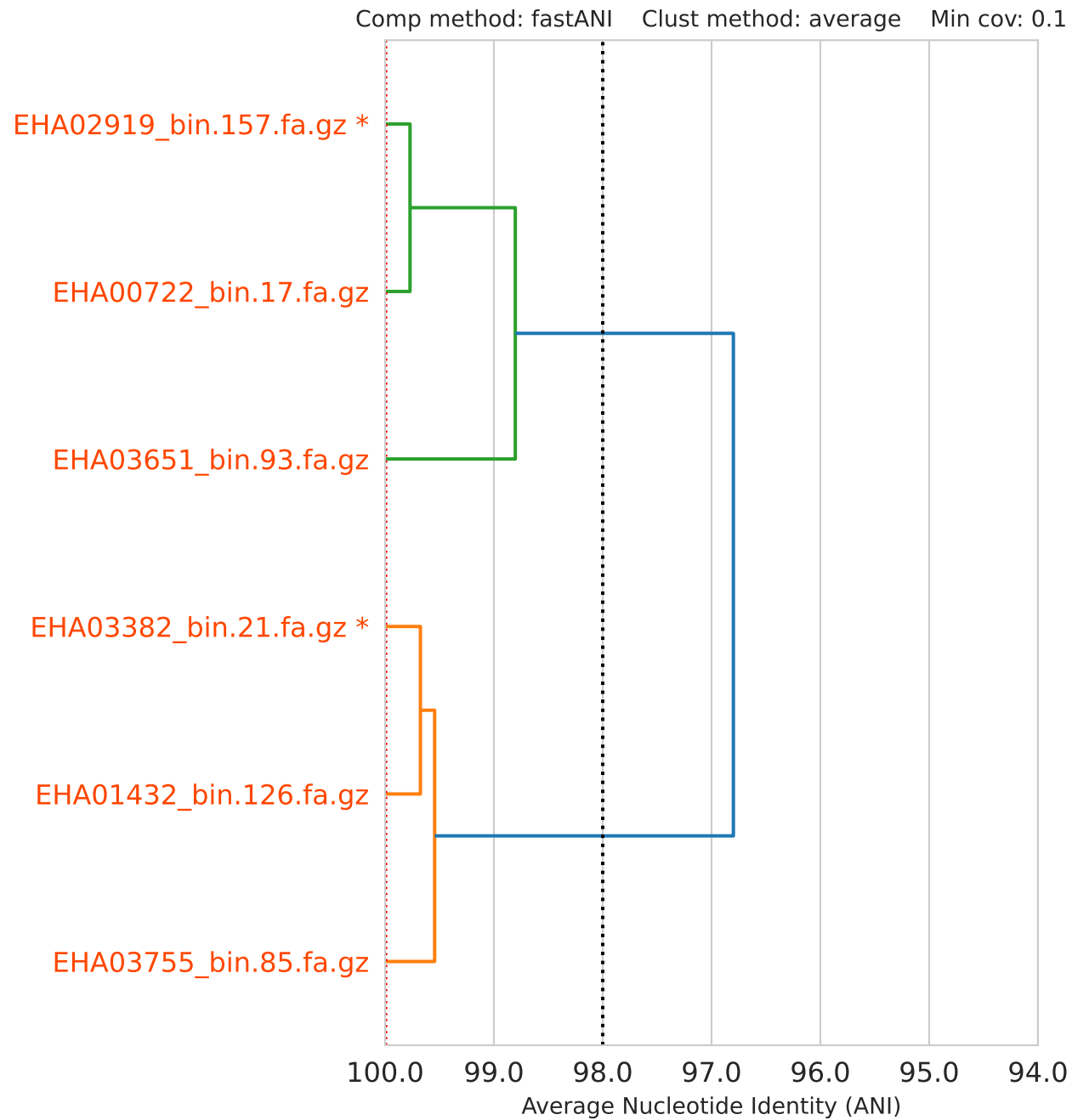
100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



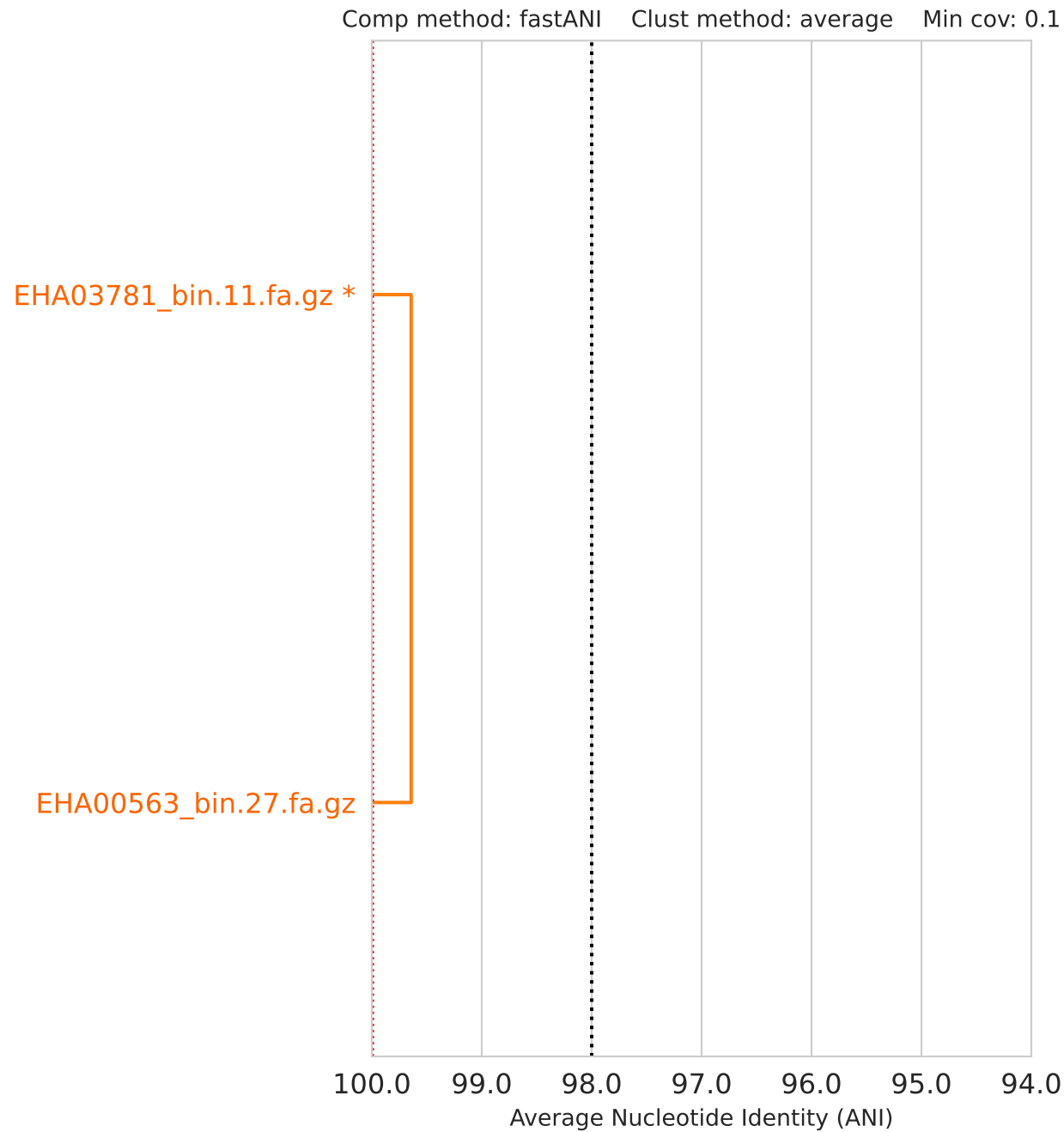
# Primary cluster 670



# Primary cluster 671

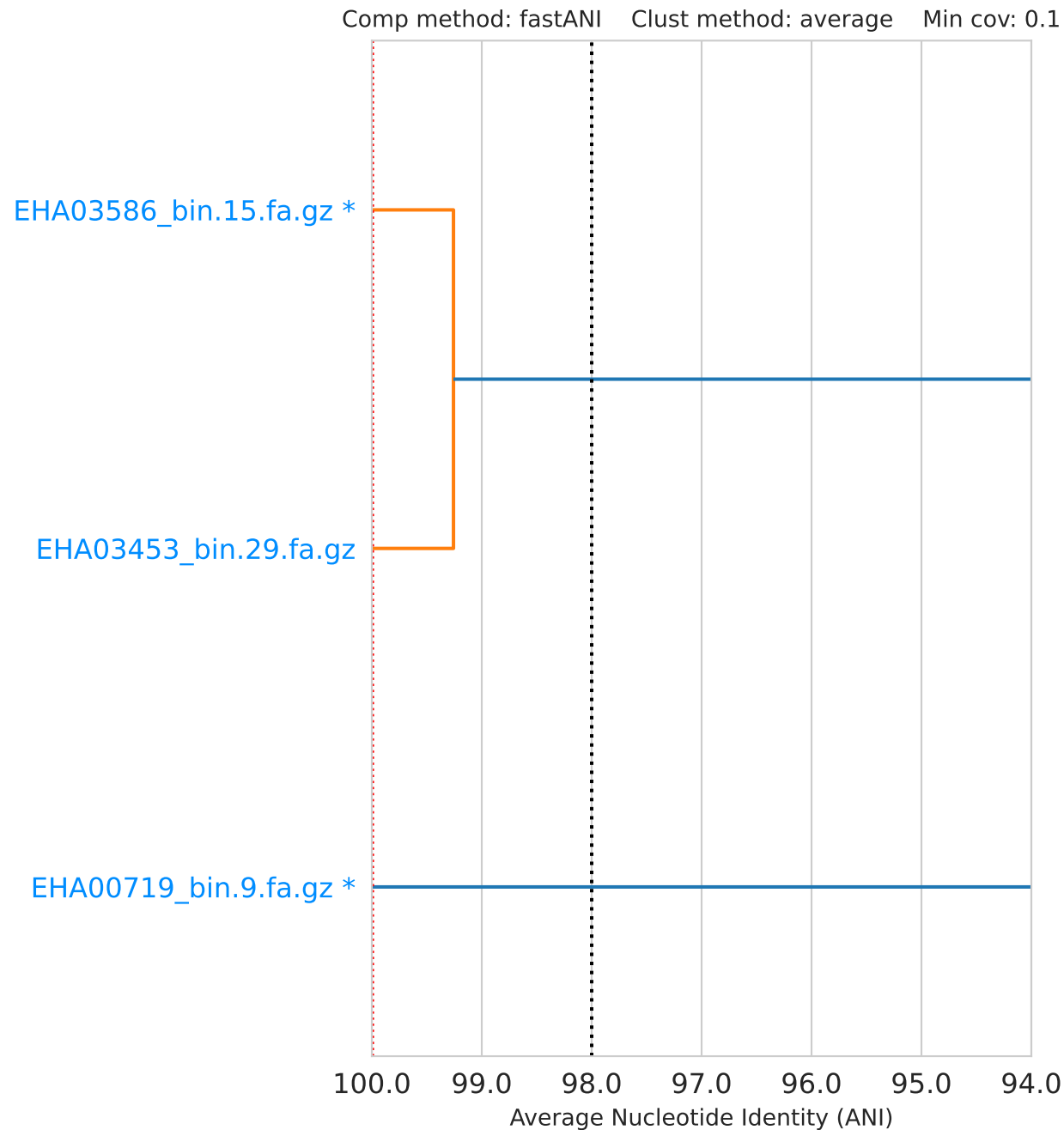


# Primary cluster 672

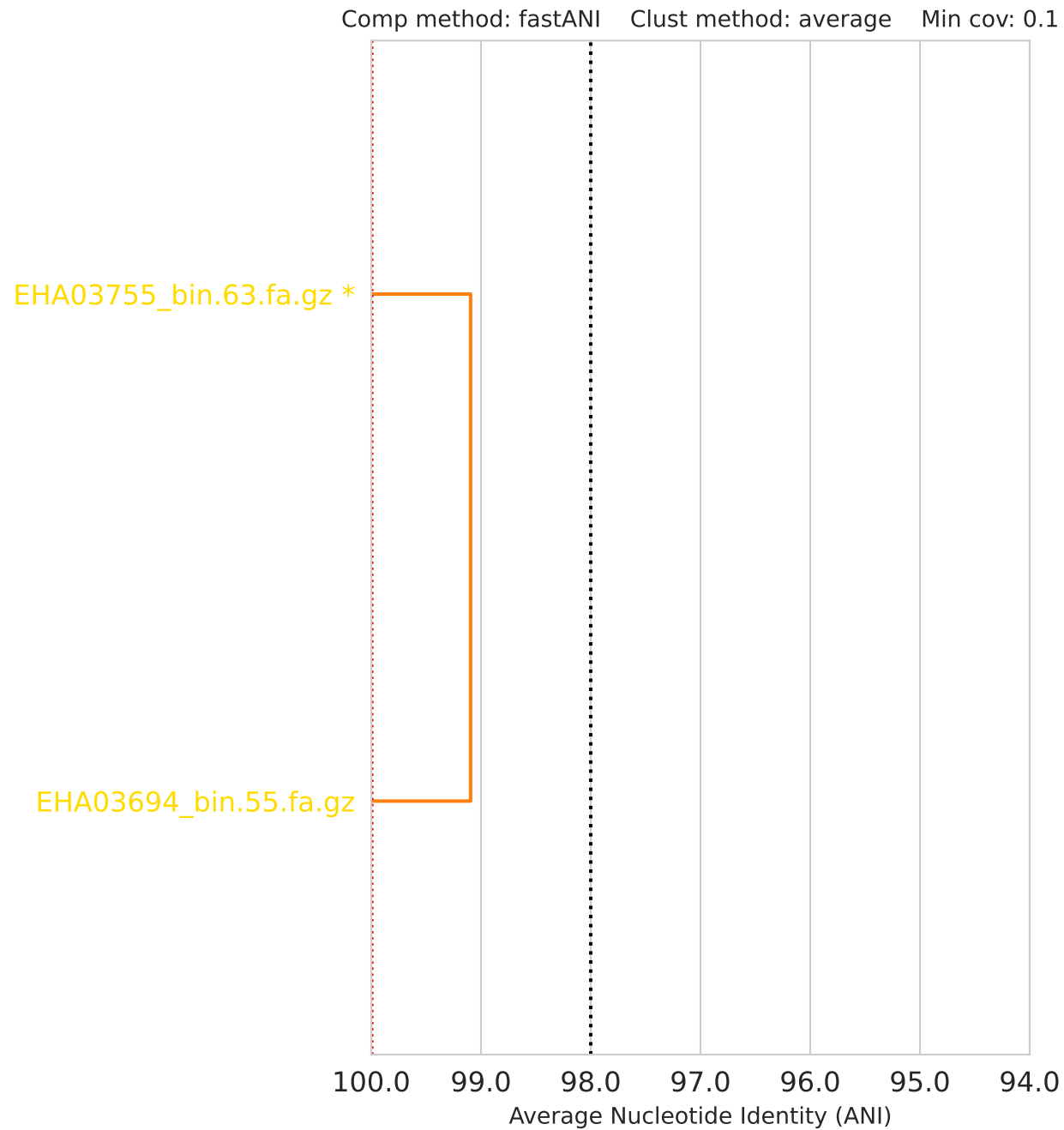




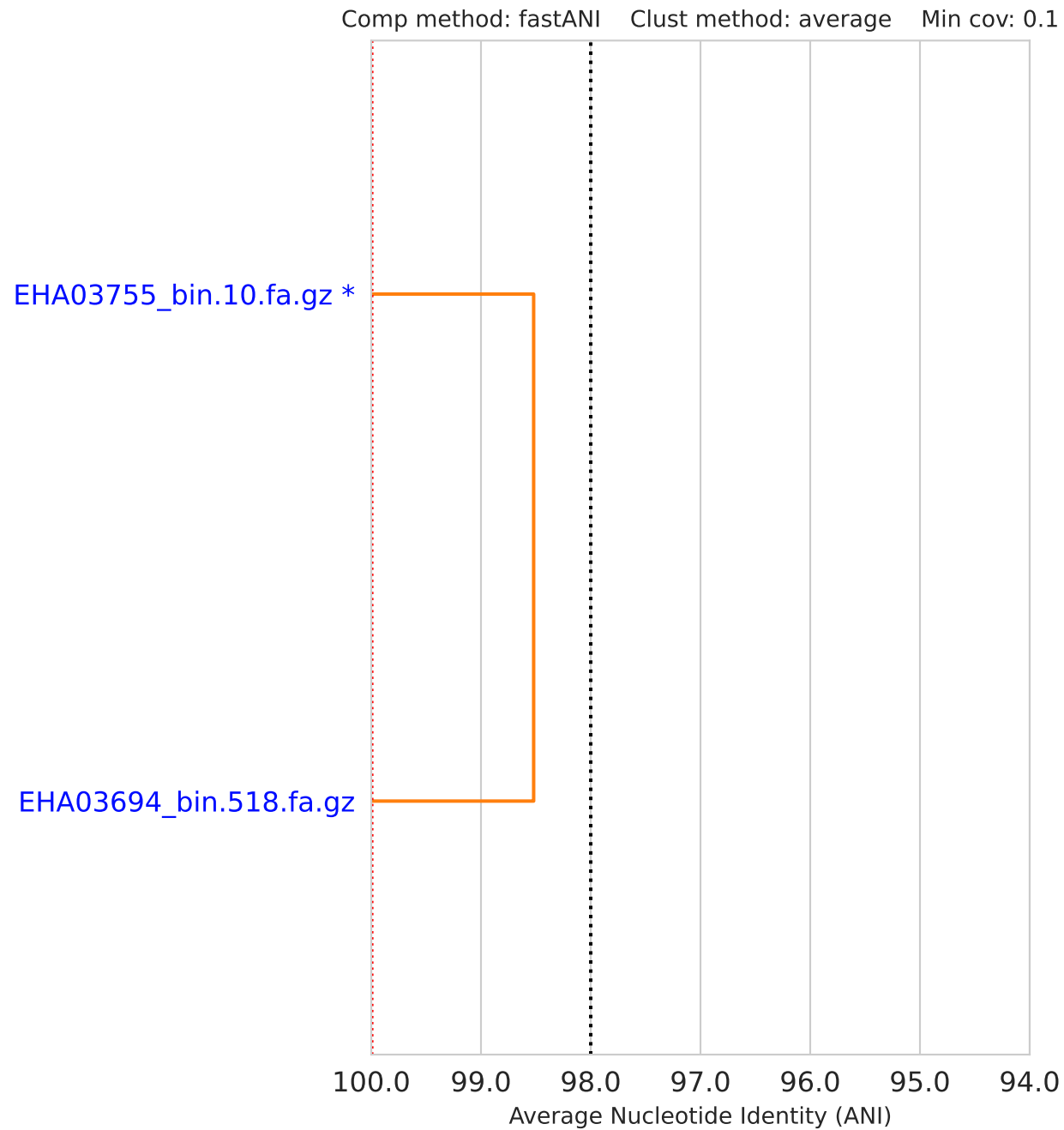
# Primary cluster 673



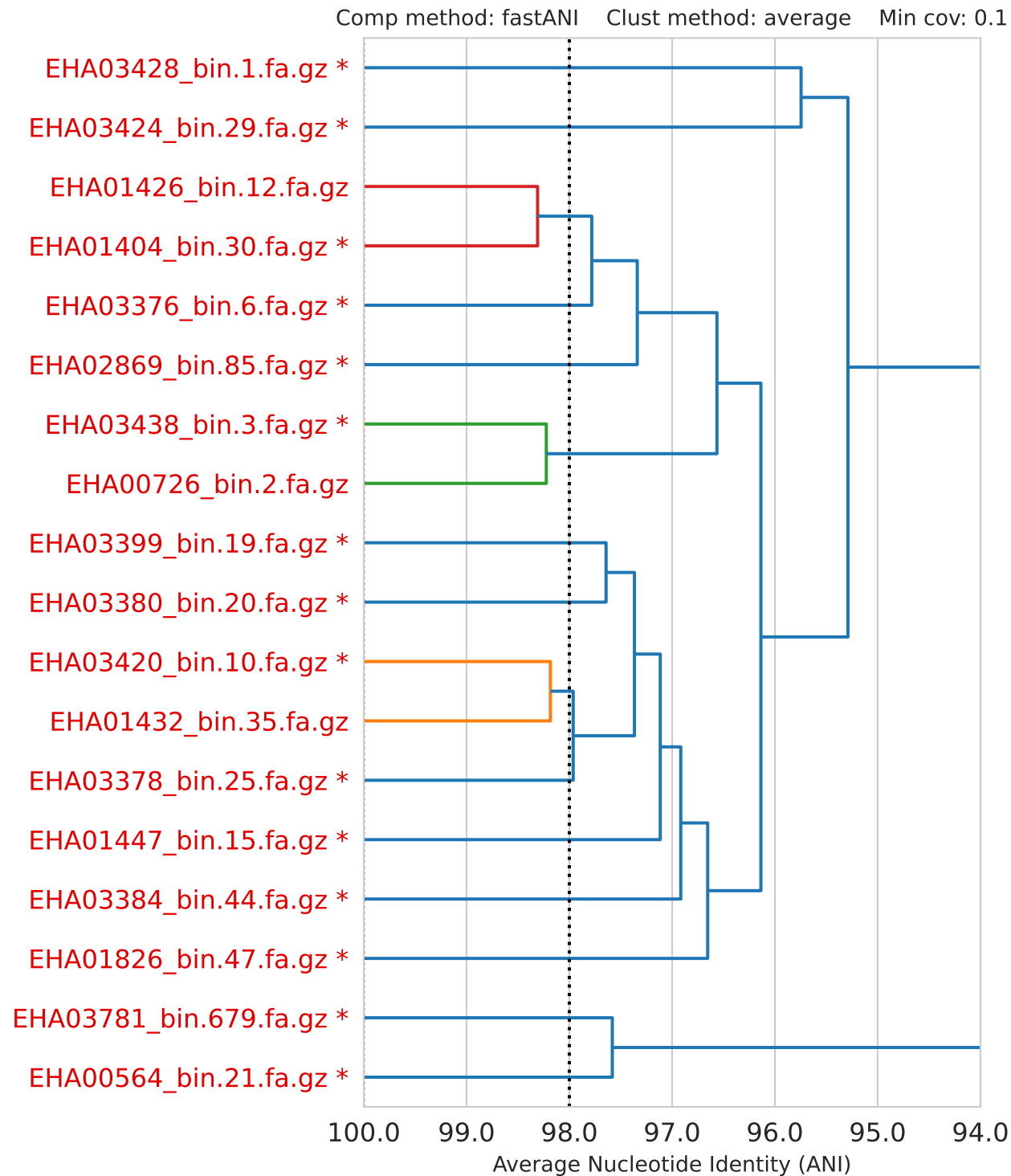
# Primary cluster 676



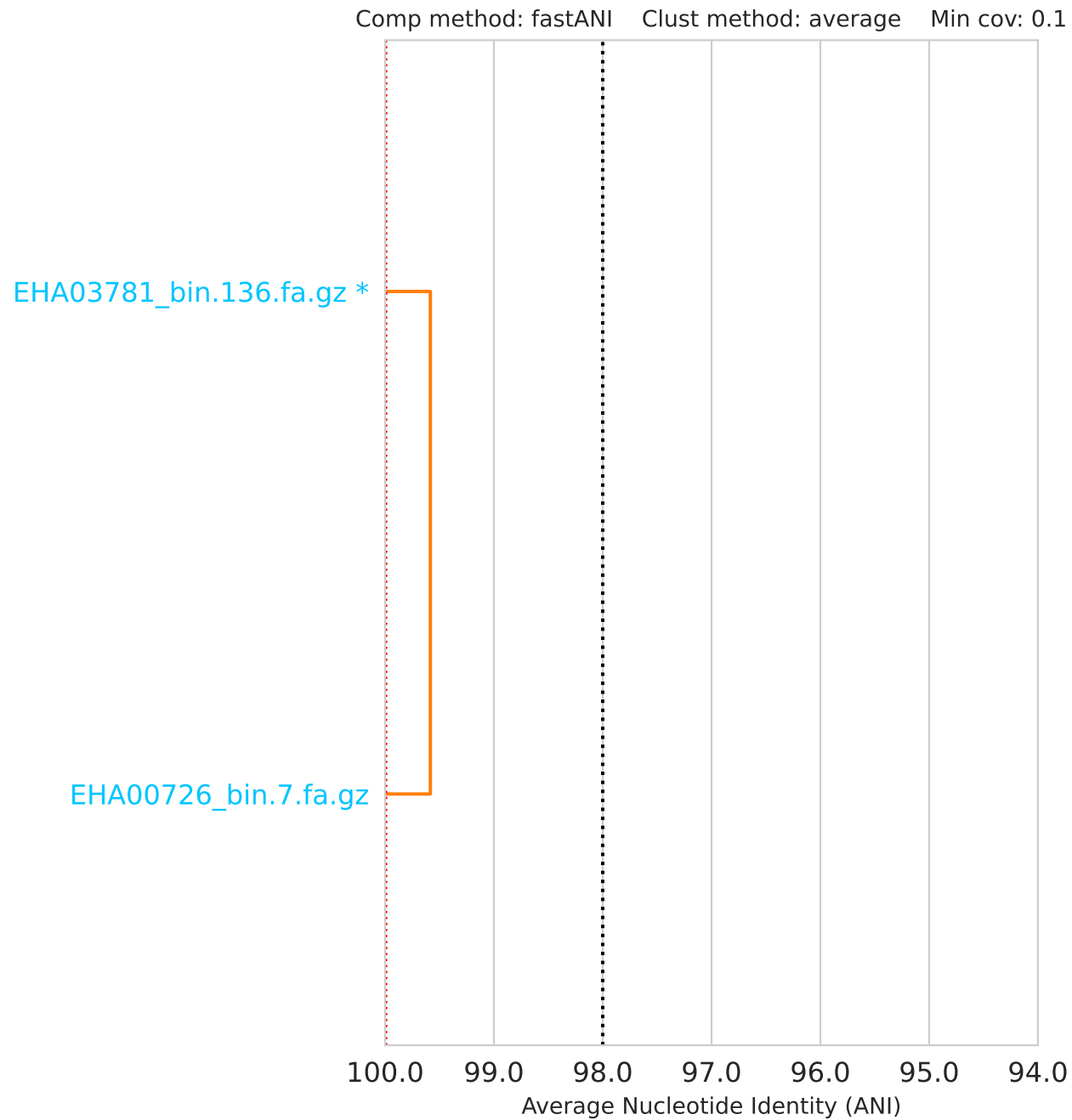
# Primary cluster 677



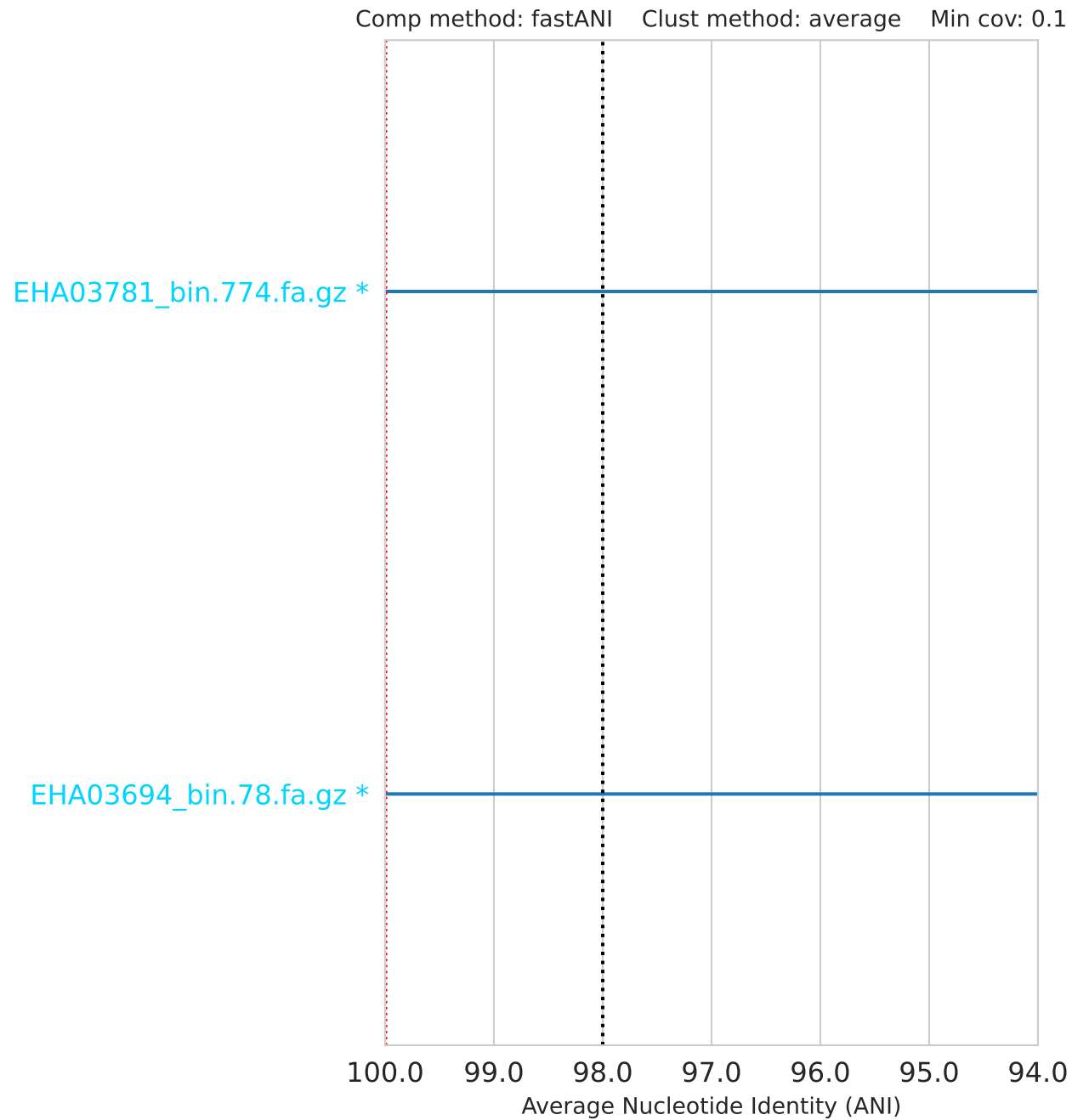
# Primary cluster 681



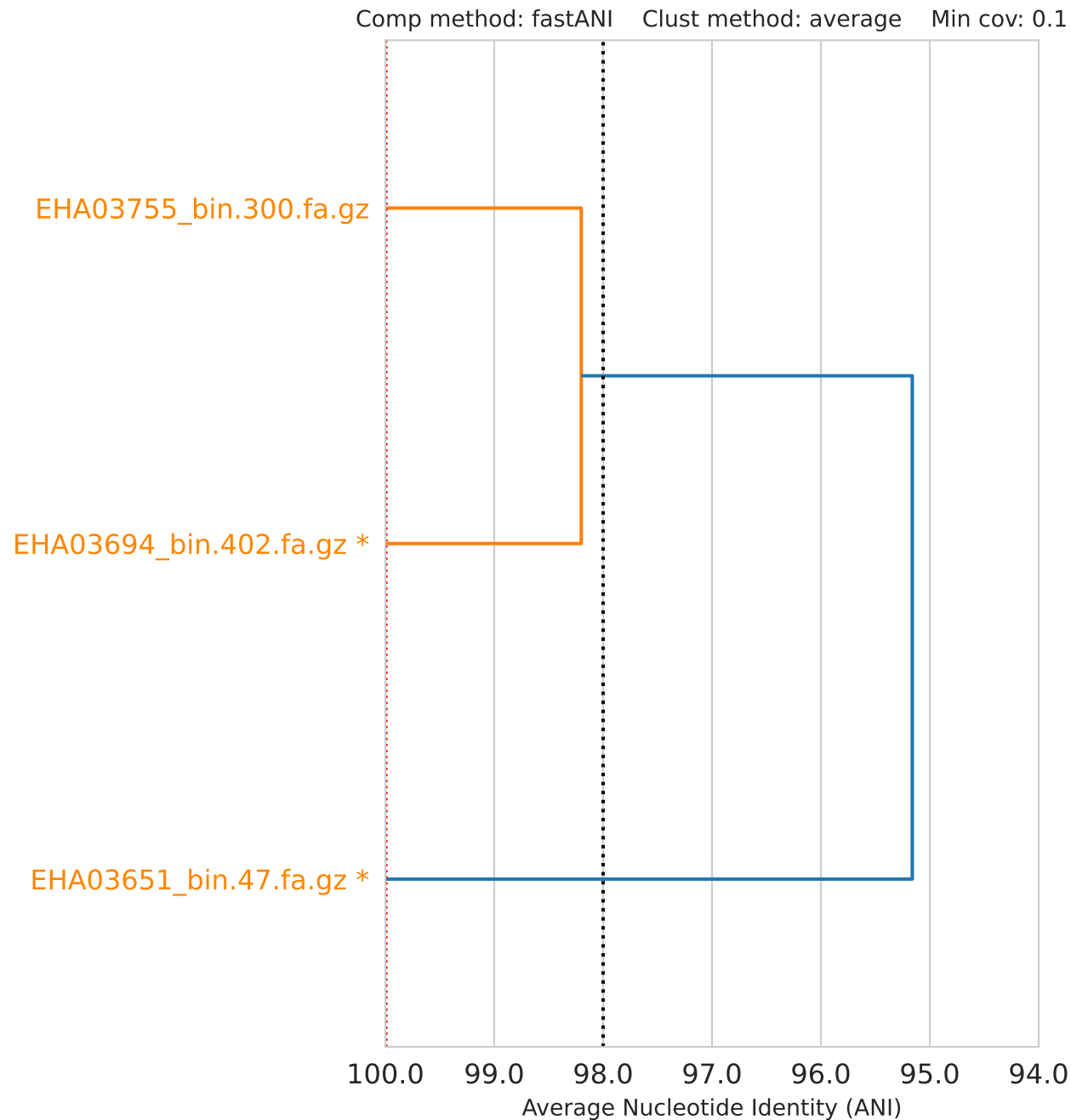
# Primary cluster 683



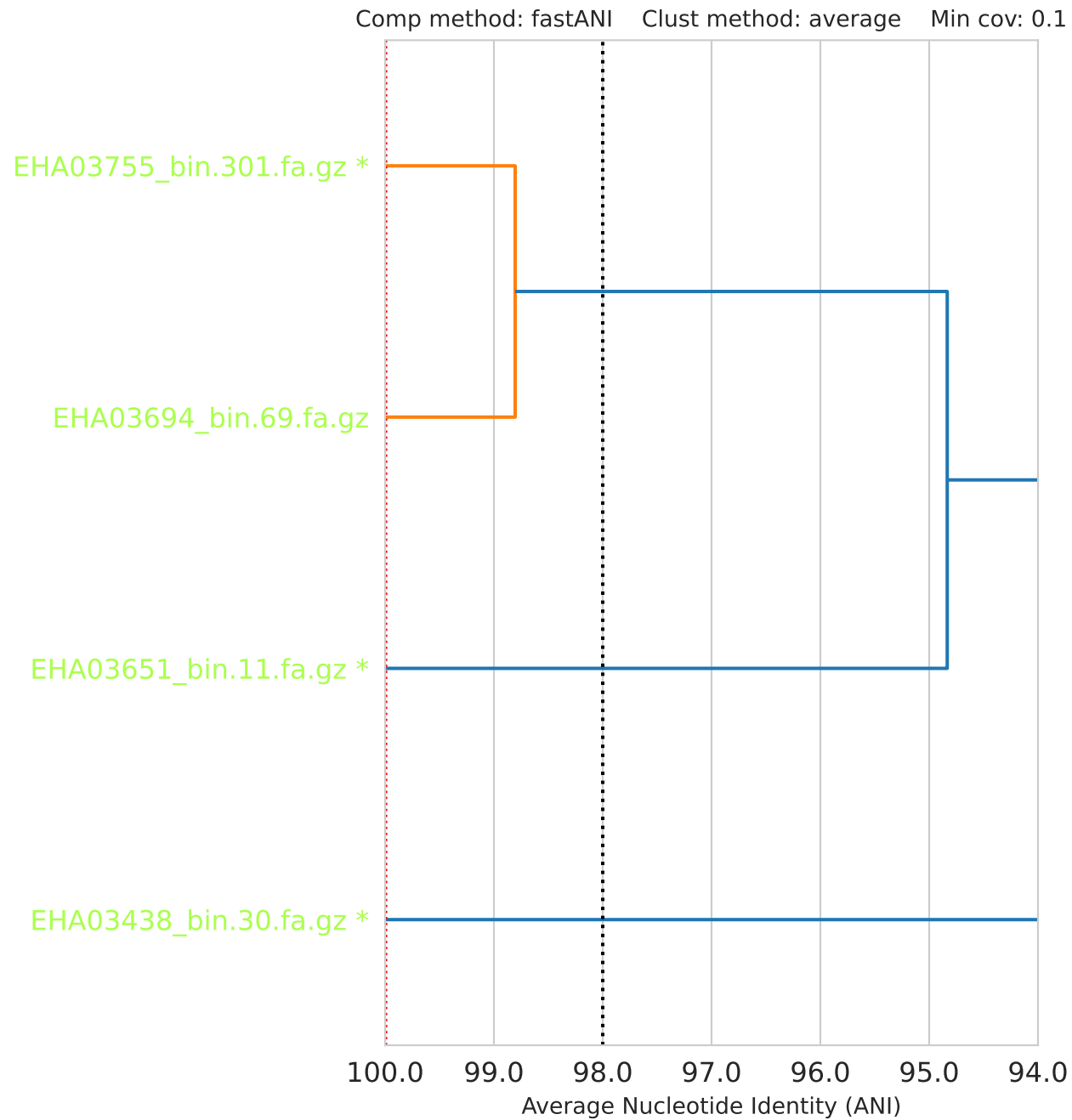
# Primary cluster 685



# Primary cluster 686

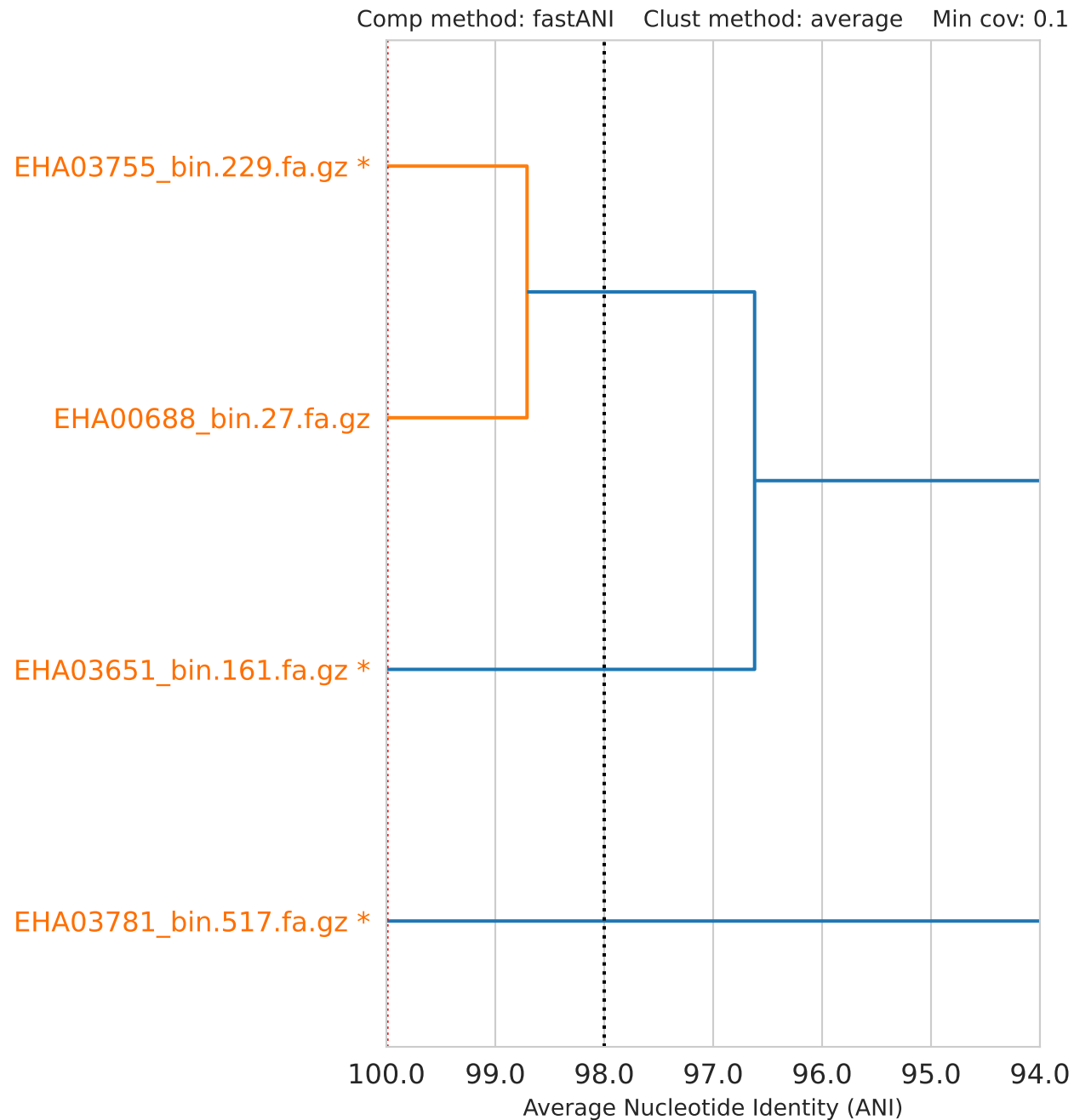


# Primary cluster 687

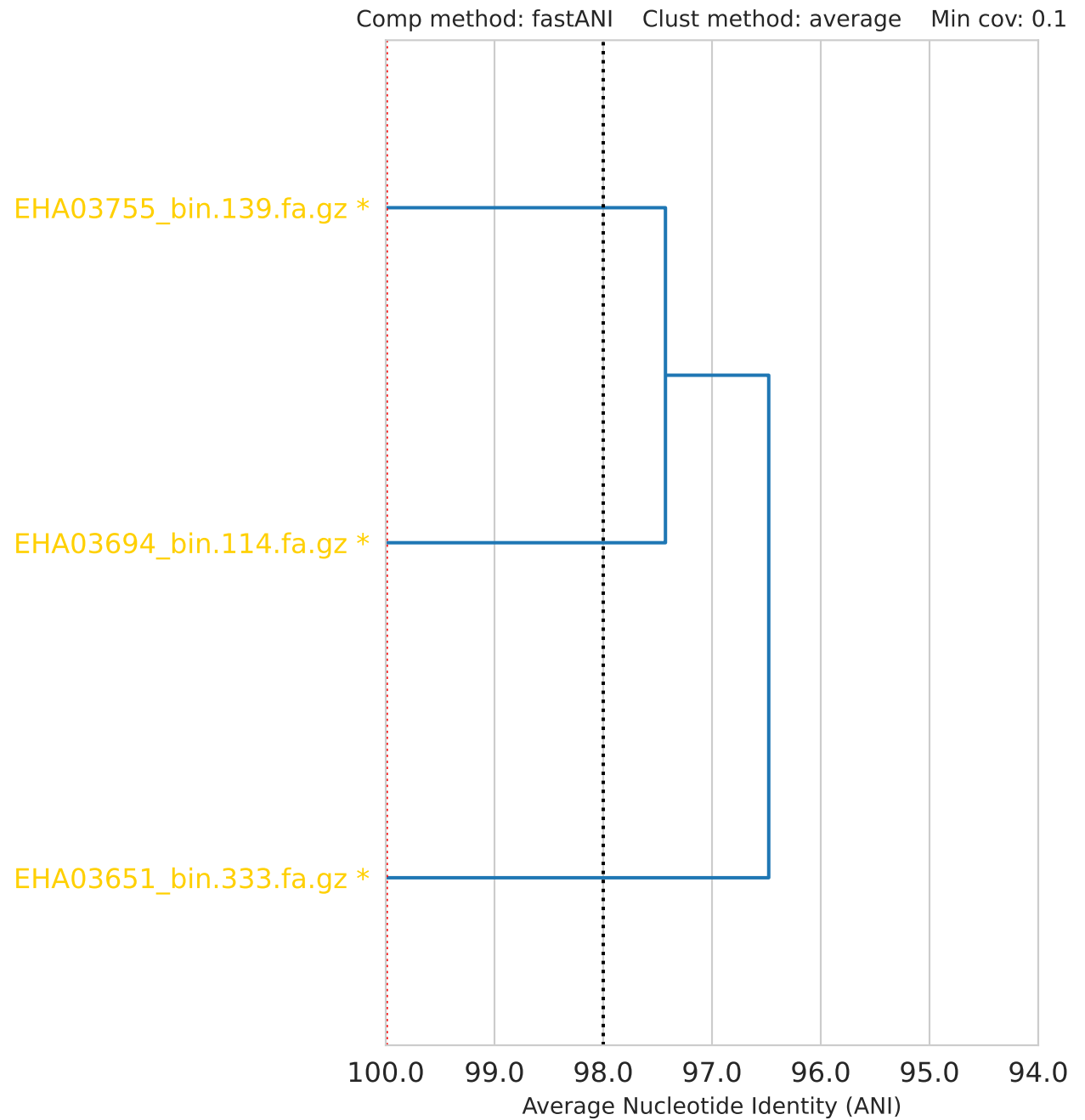




# Primary cluster 688



# Primary cluster 692



# Primary cluster 693

Comp method: fastANI

Clust method: average

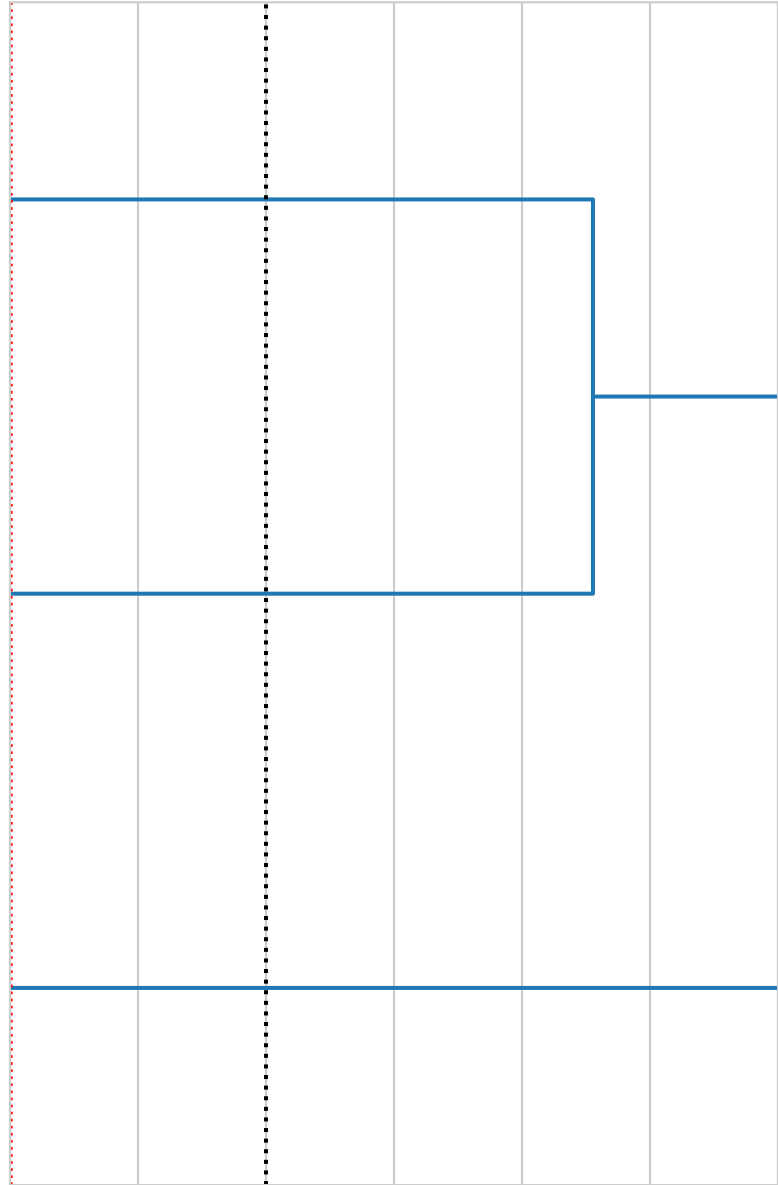
Min cov: 0.1

EHA03694\_bin.119.fa.gz \*

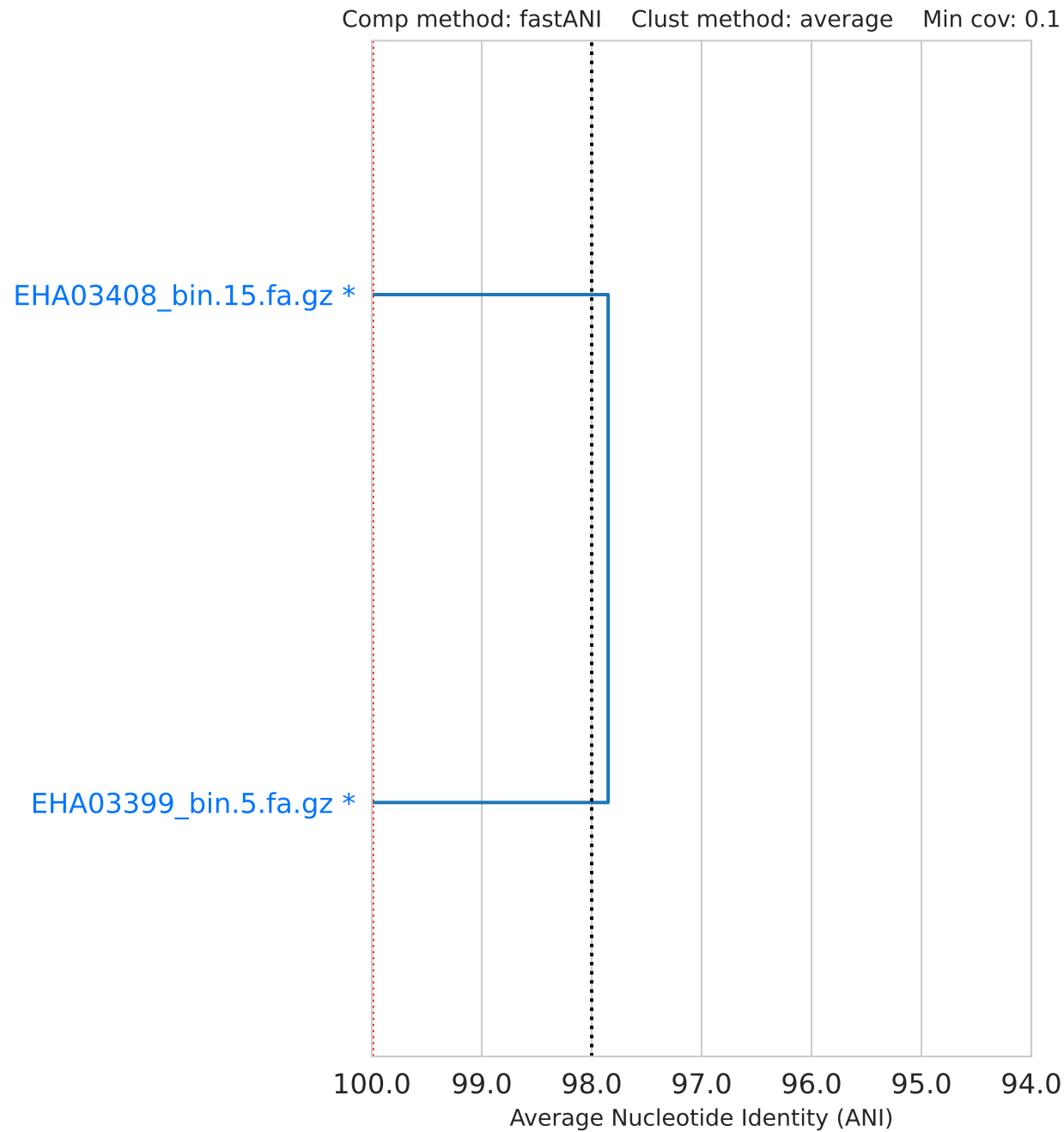
EHA01421\_bin.70.fa.gz \*

EHA03781\_bin.540.fa.gz \*

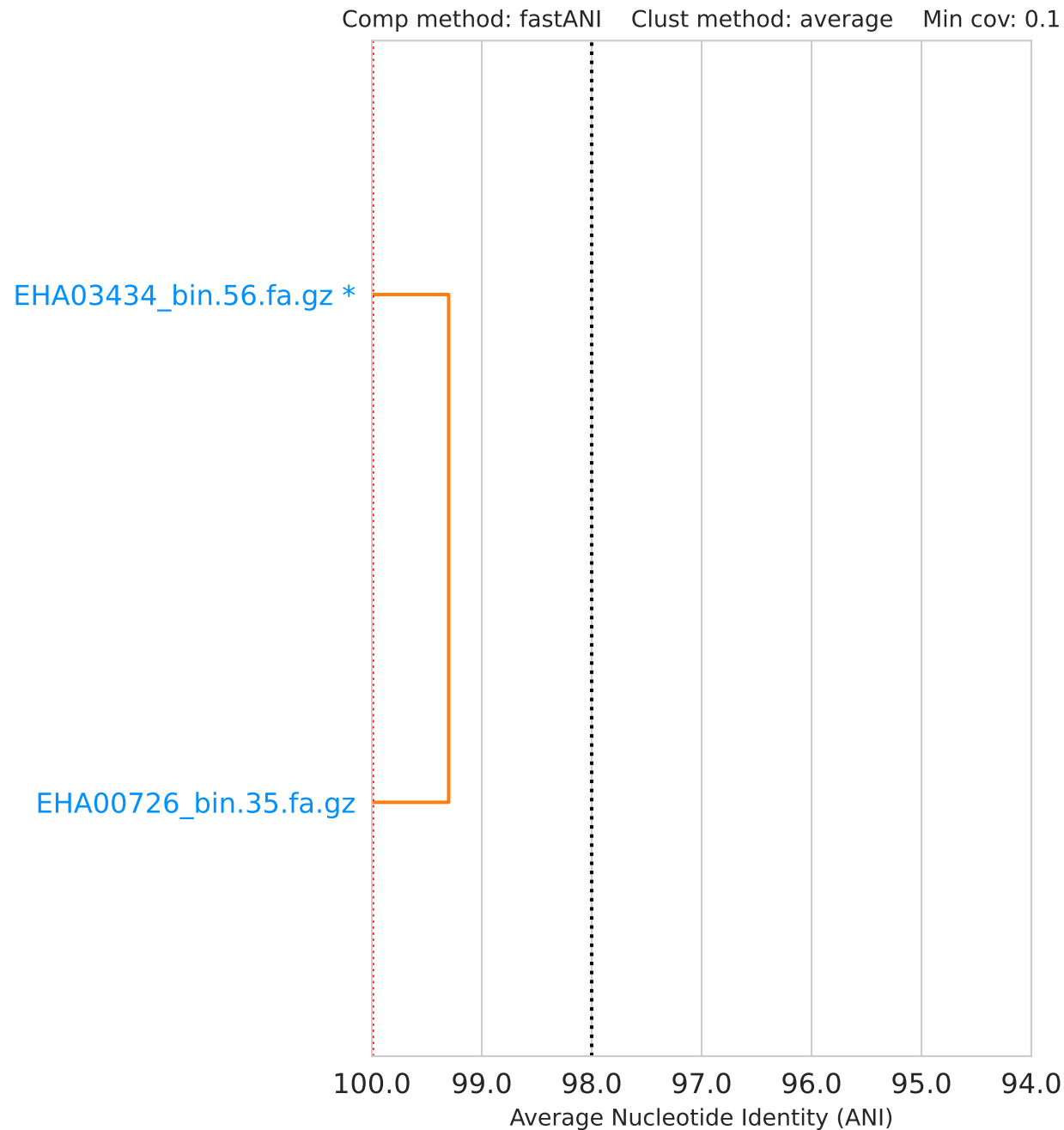
100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



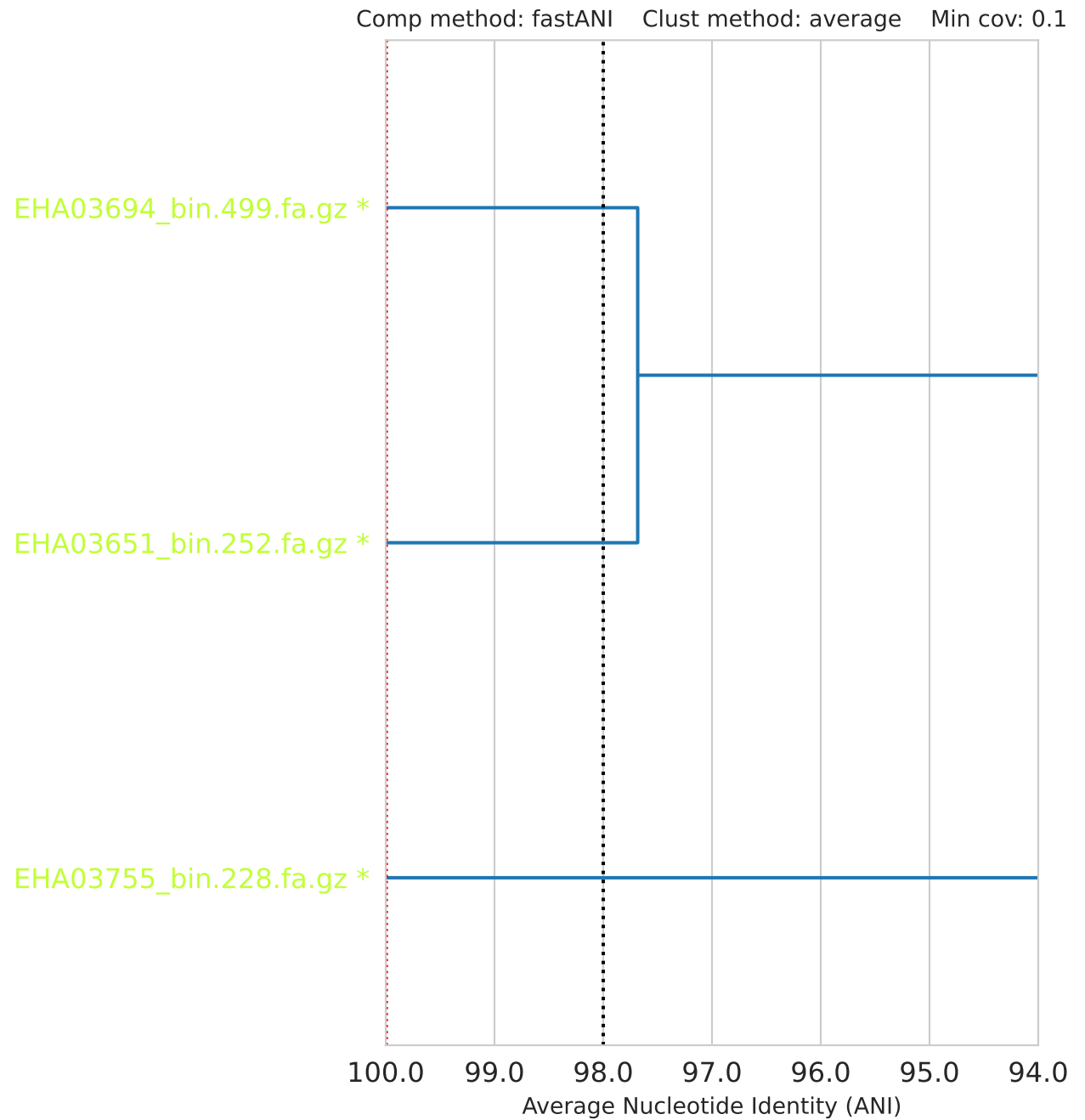
# Primary cluster 695



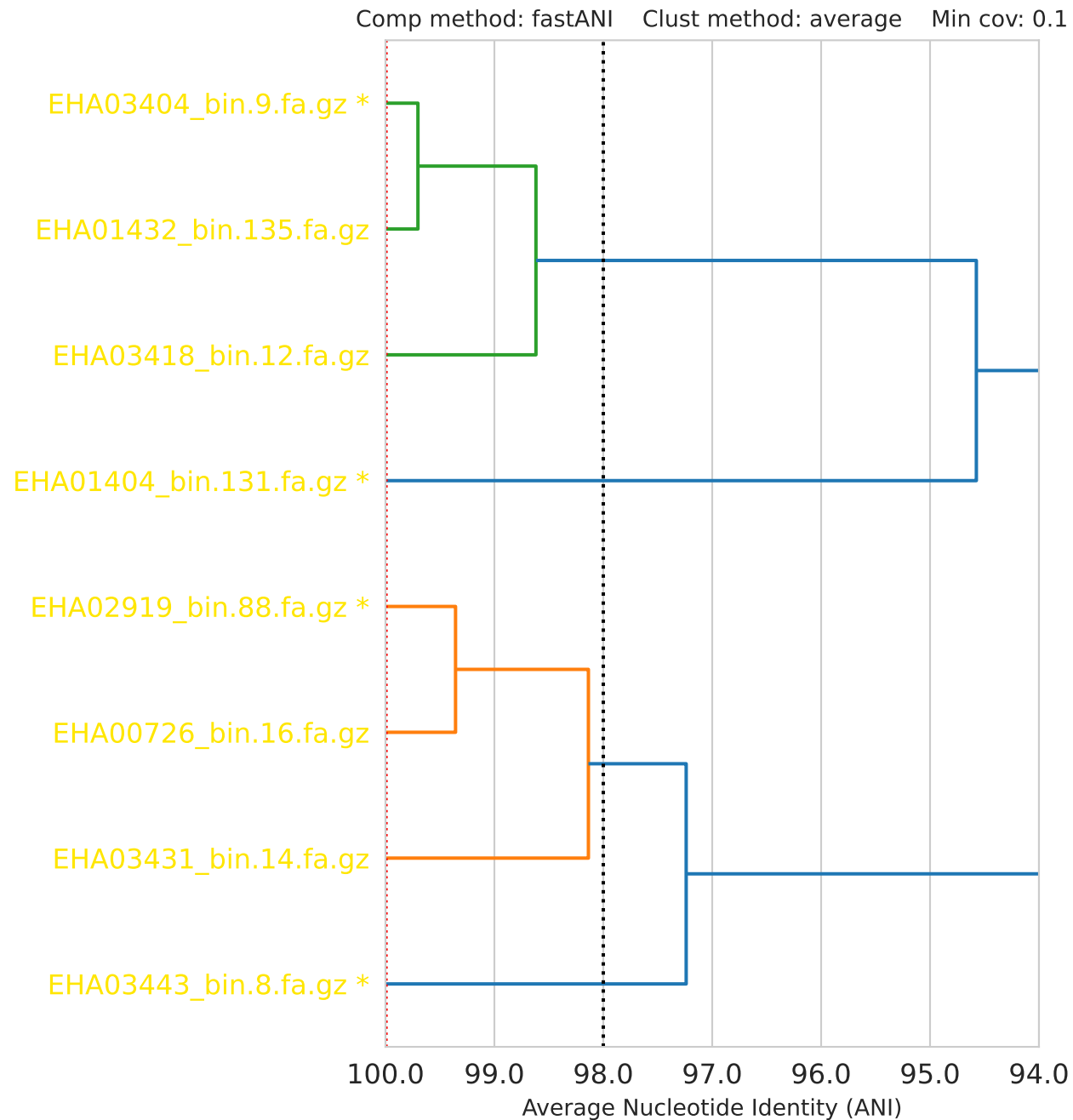
# Primary cluster 697



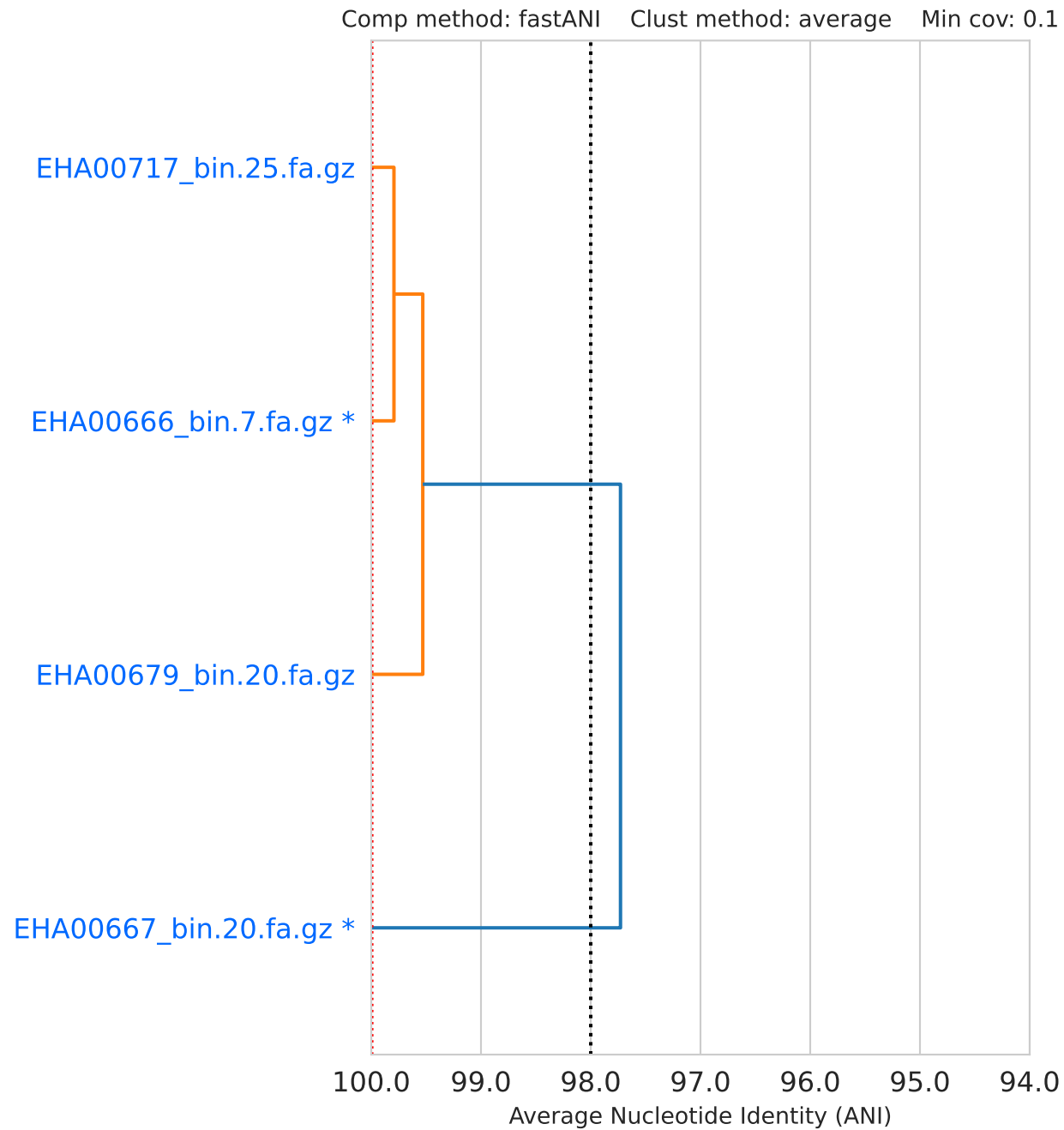
# Primary cluster 698



# Primary cluster 701

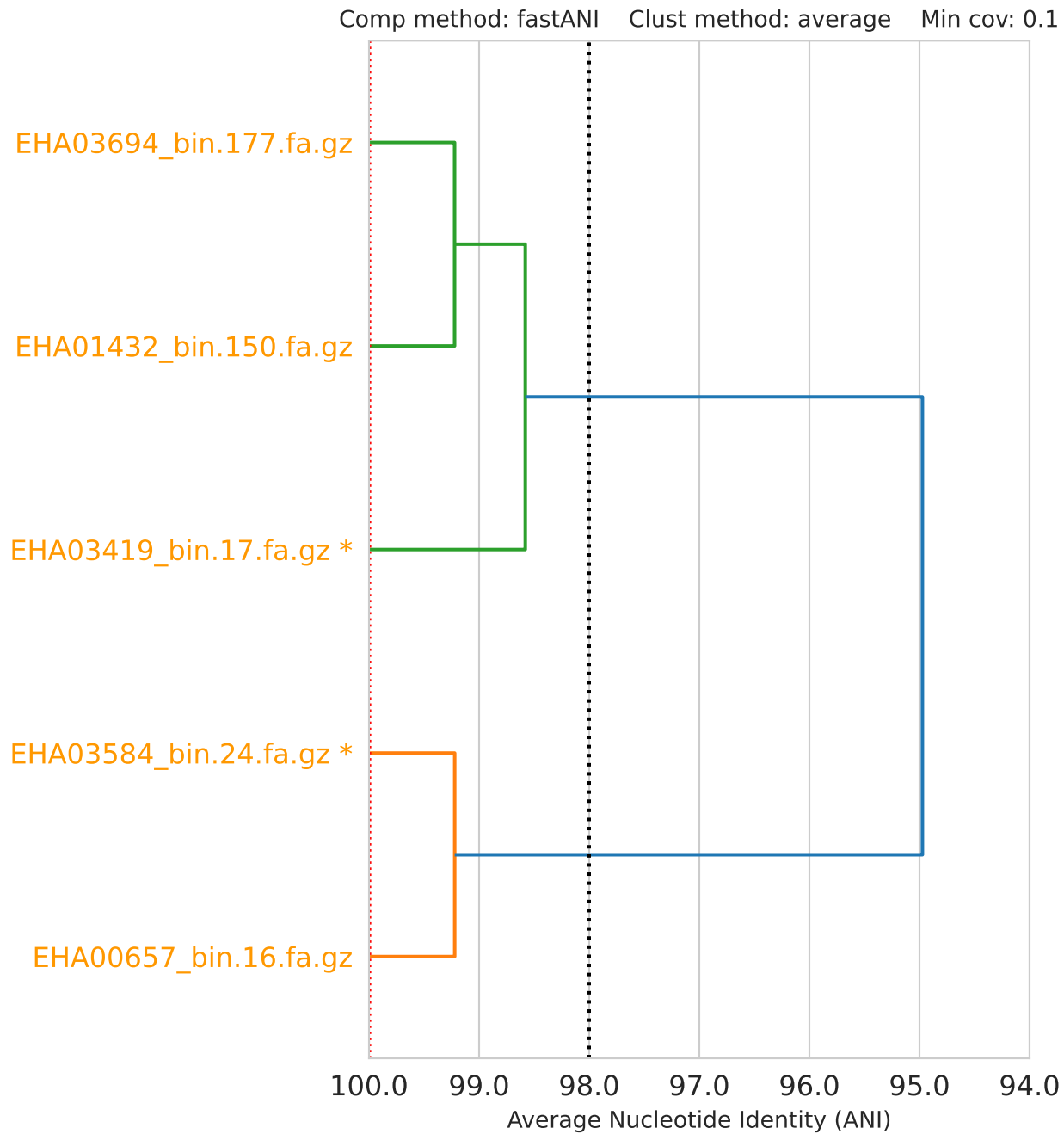


# Primary cluster 704

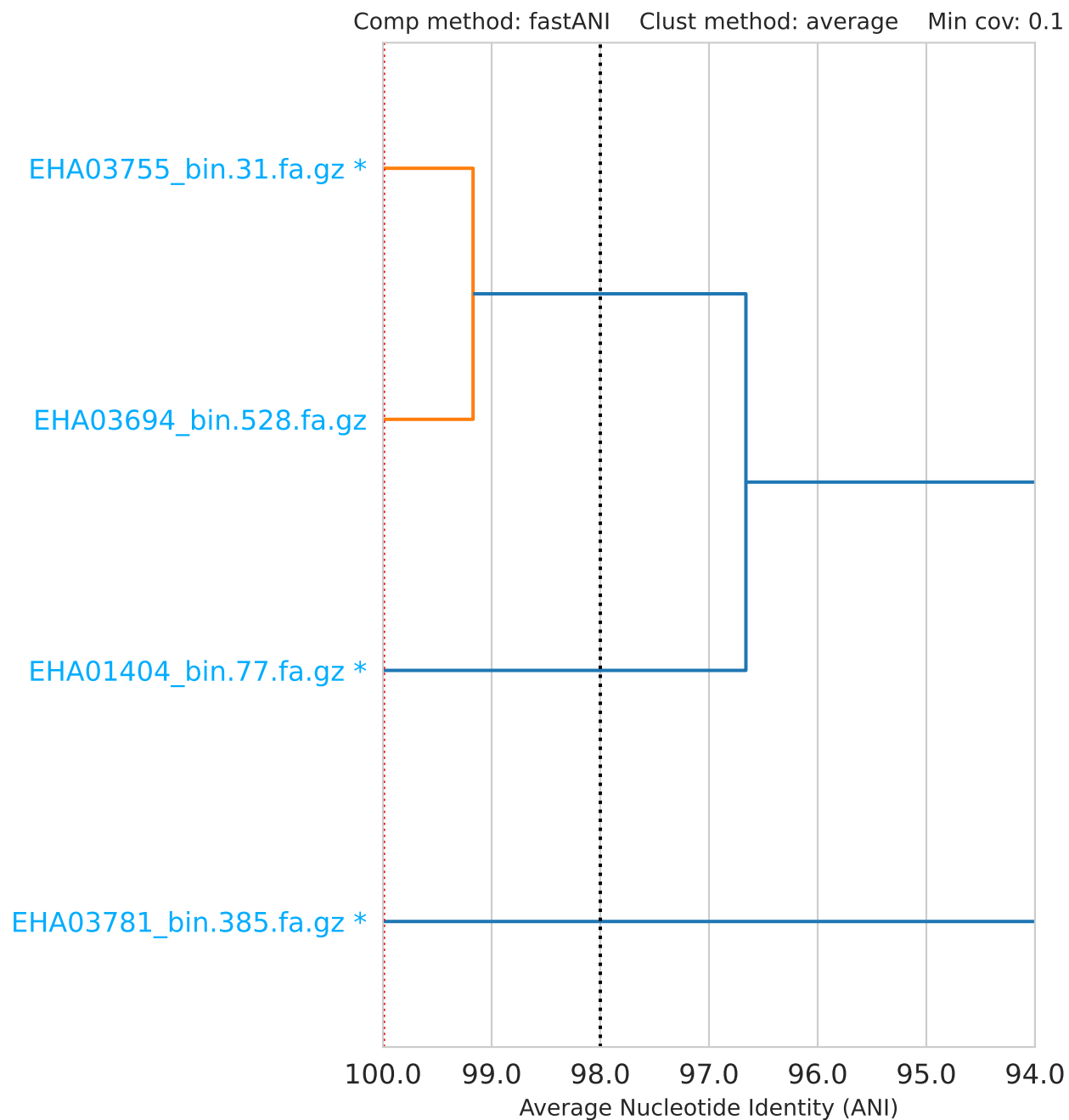




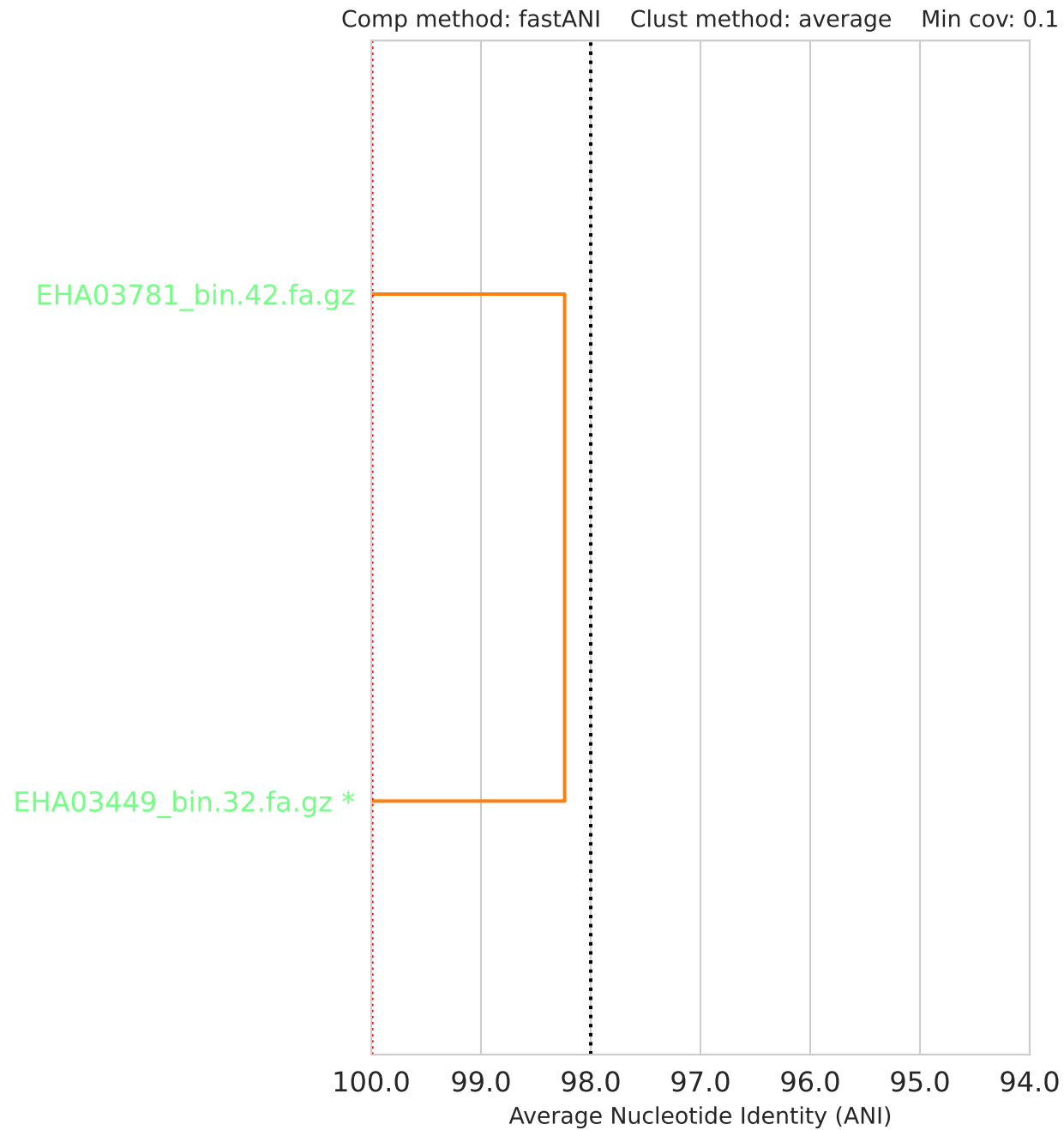
# Primary cluster 705



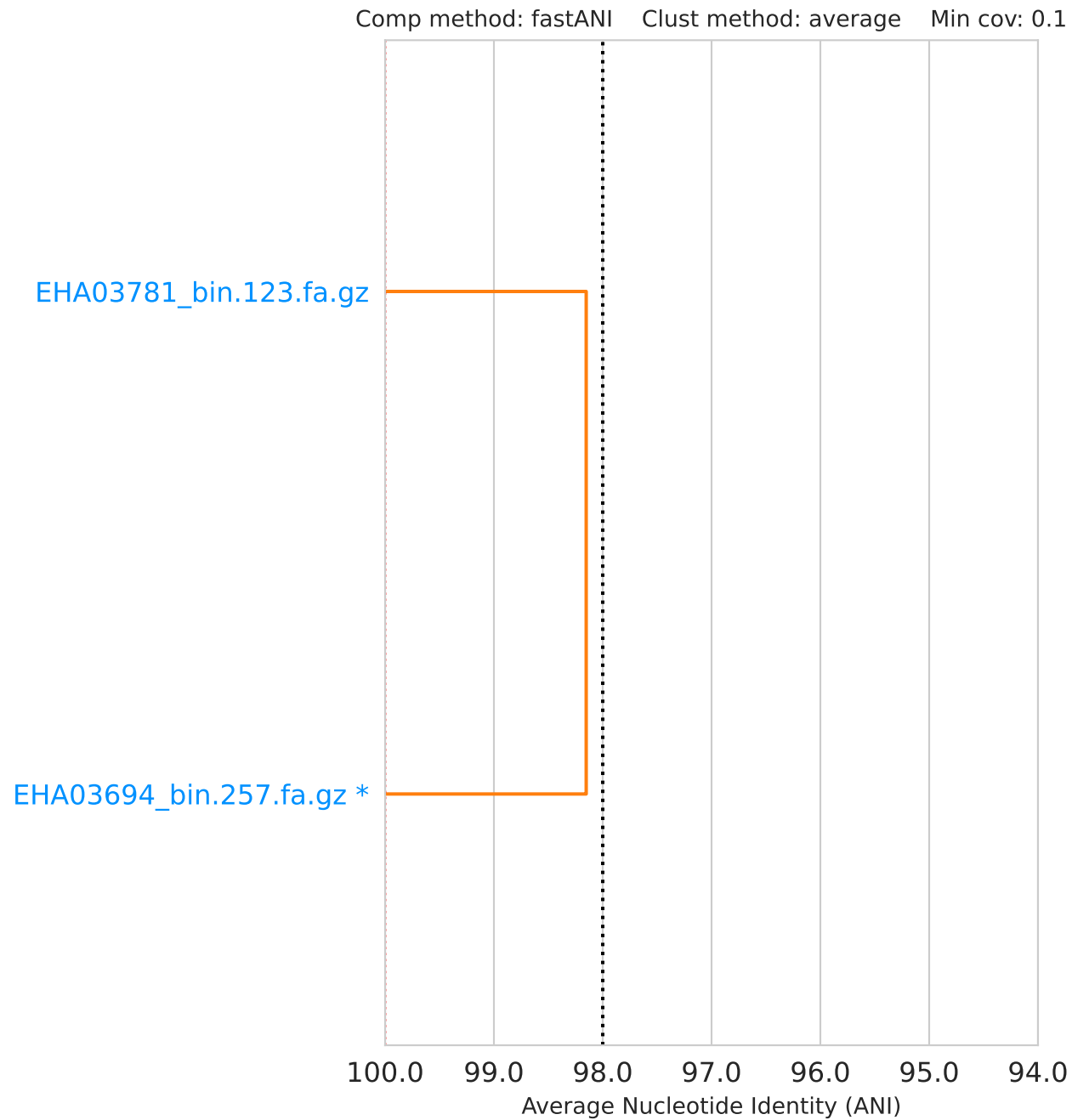
# Primary cluster 708



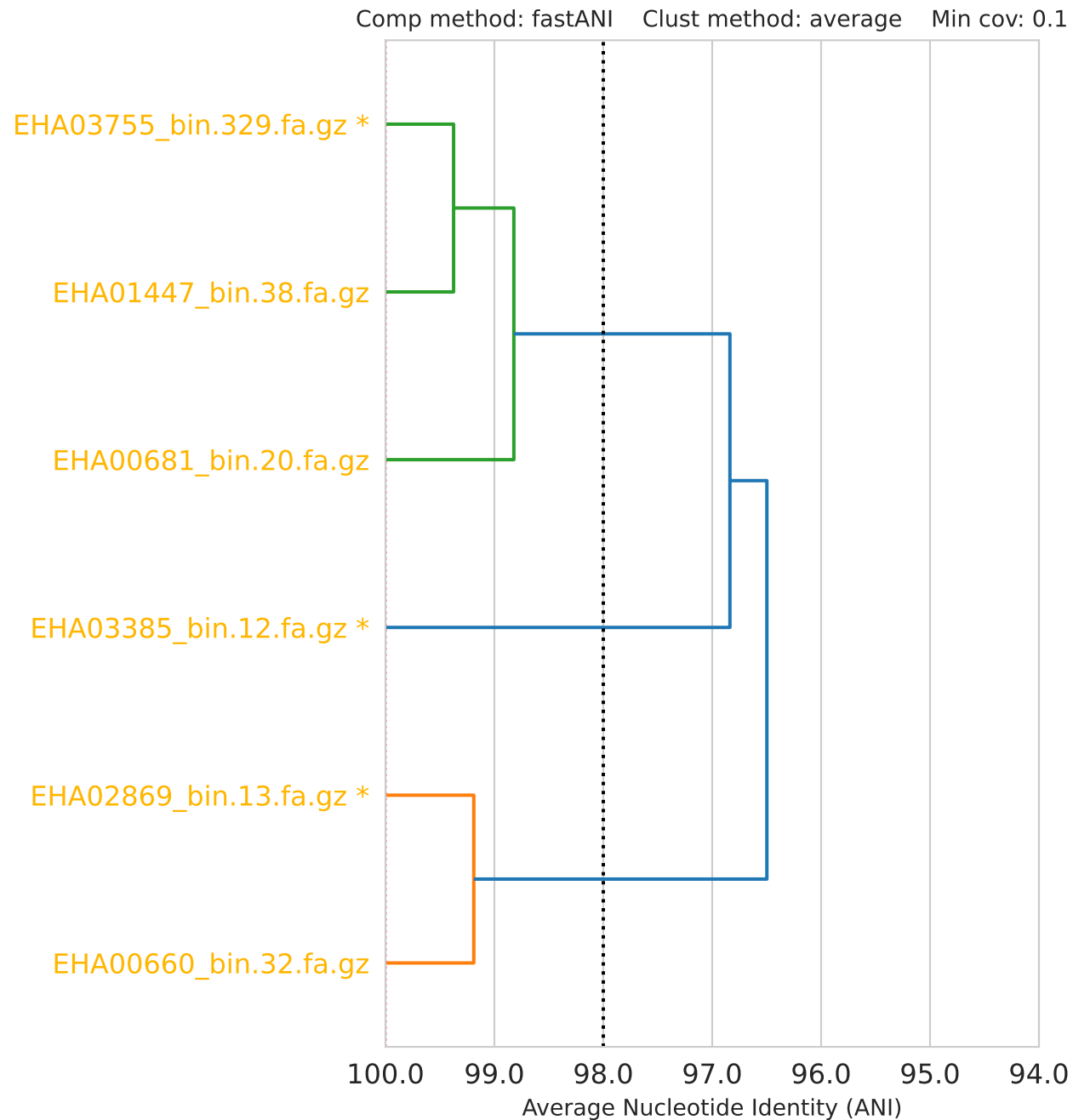
# Primary cluster 711



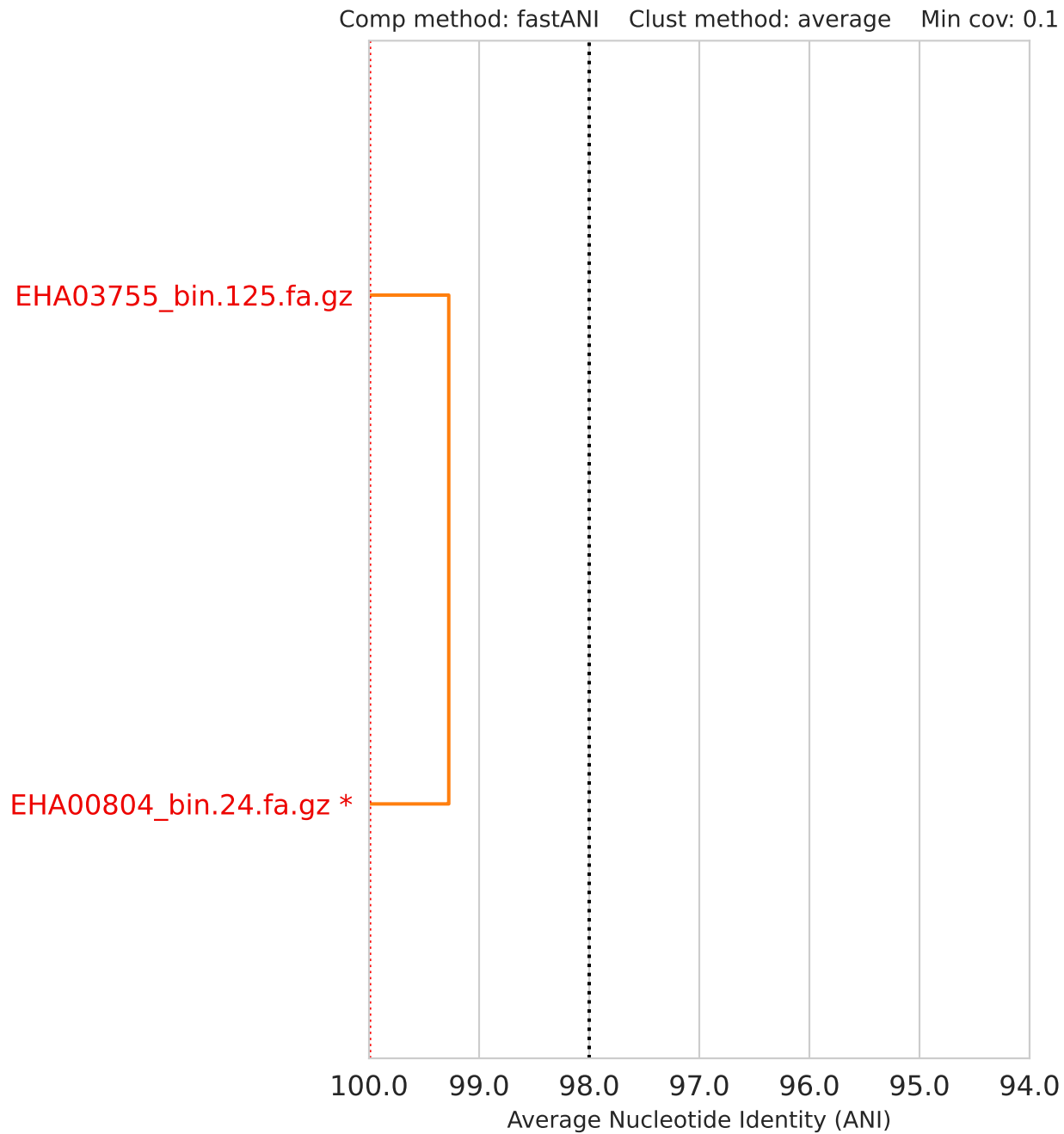
# Primary cluster 713



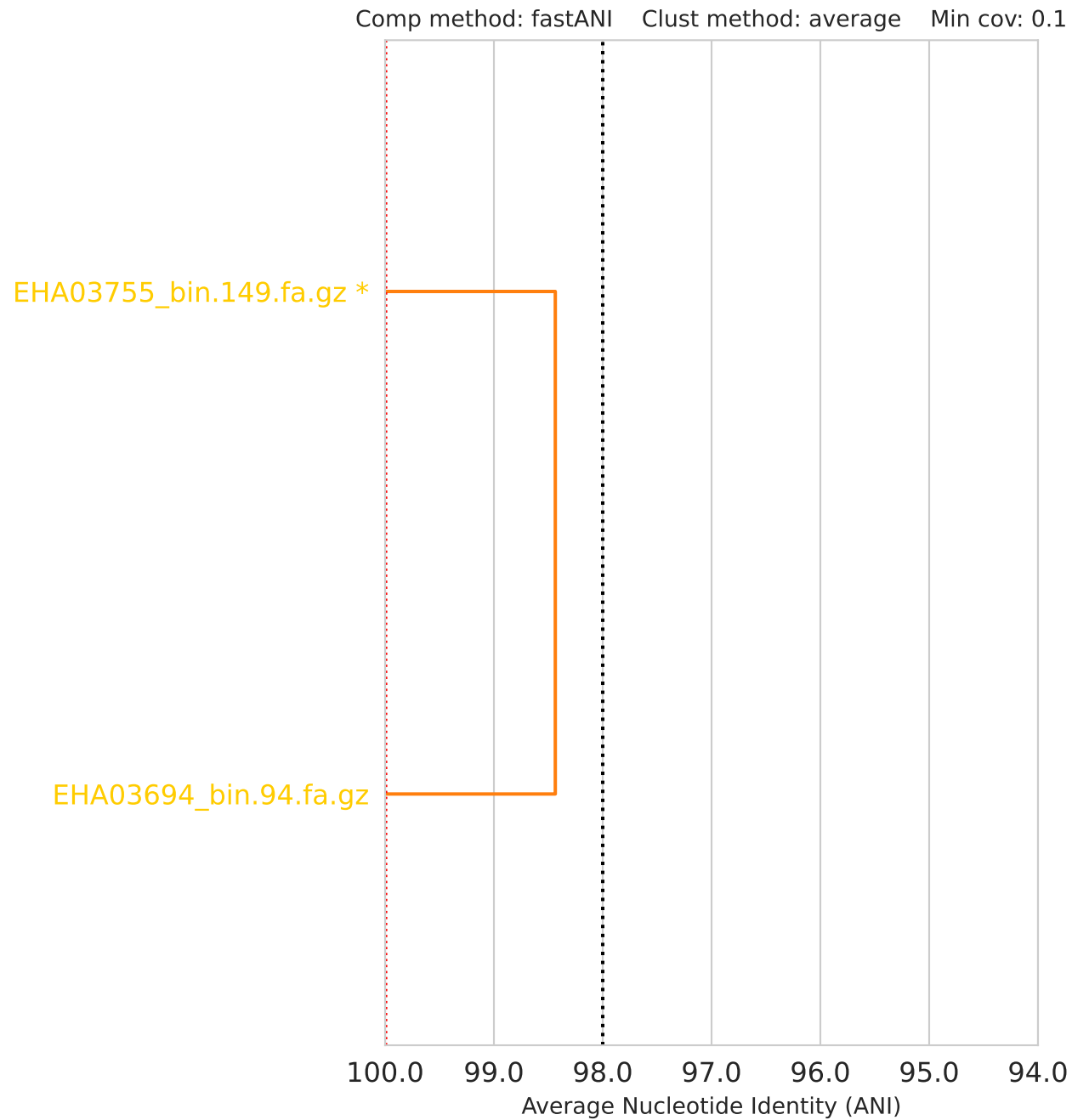
# Primary cluster 716



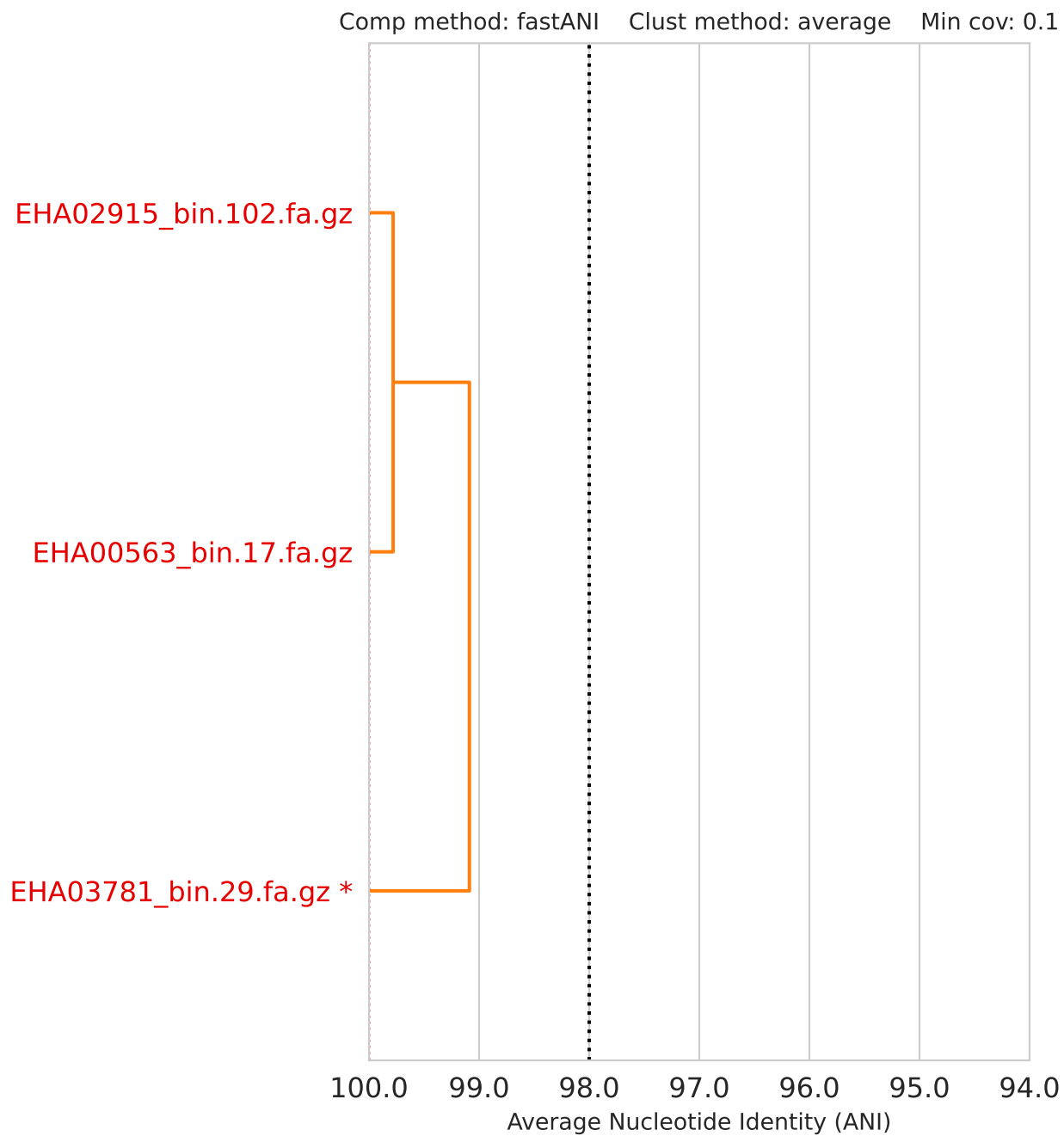
# Primary cluster 717



# Primary cluster 719

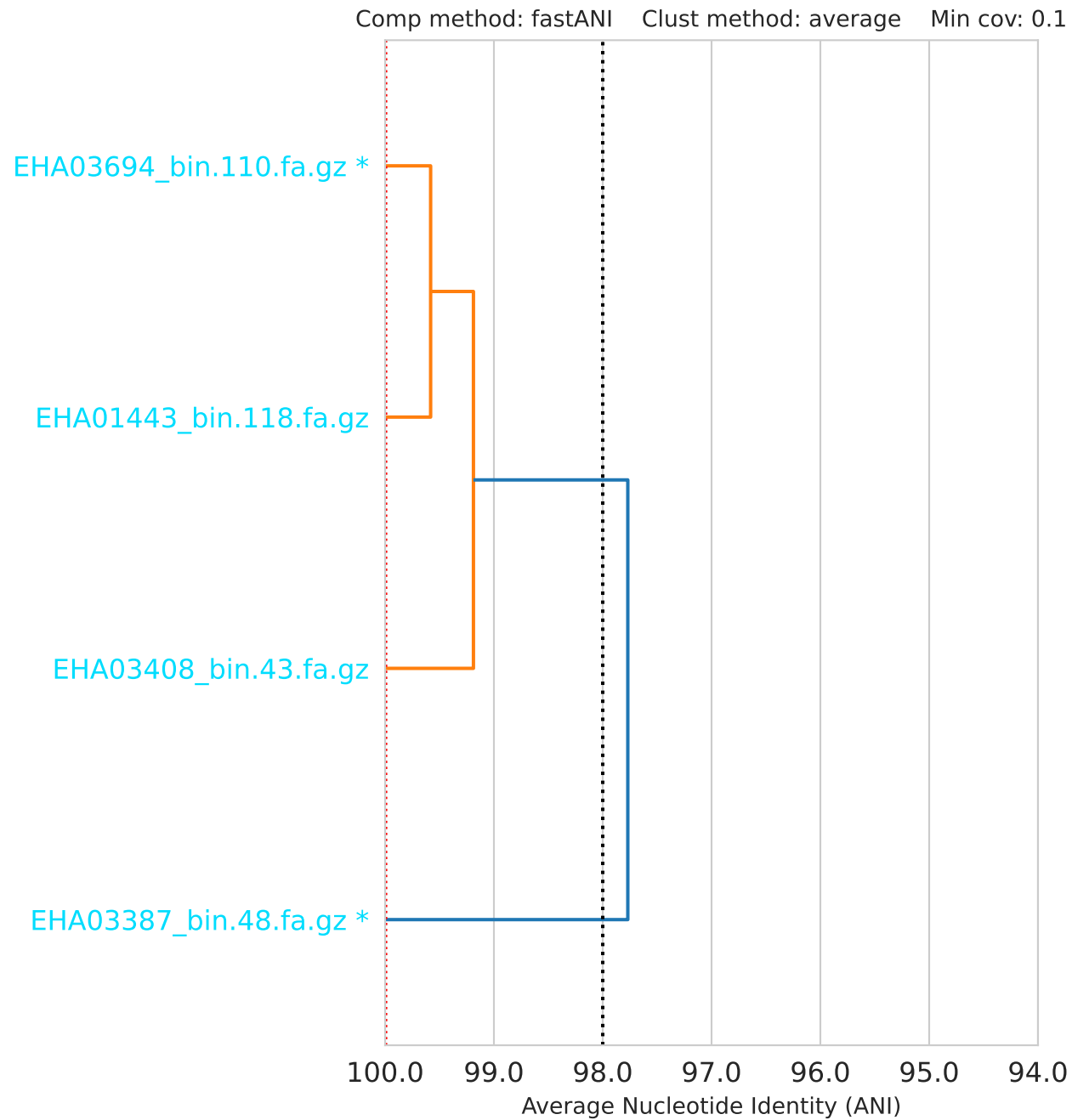


# Primary cluster 721

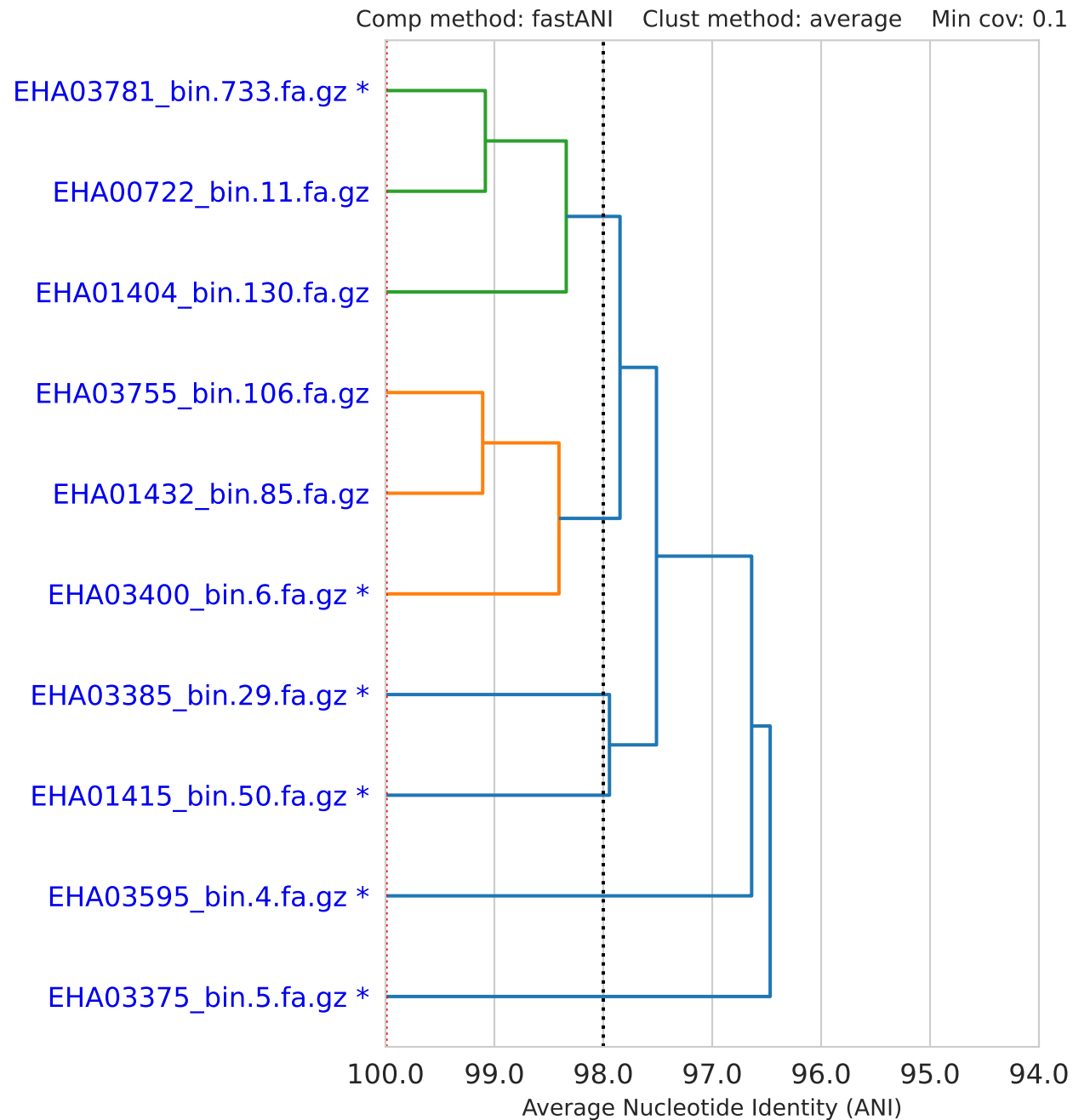




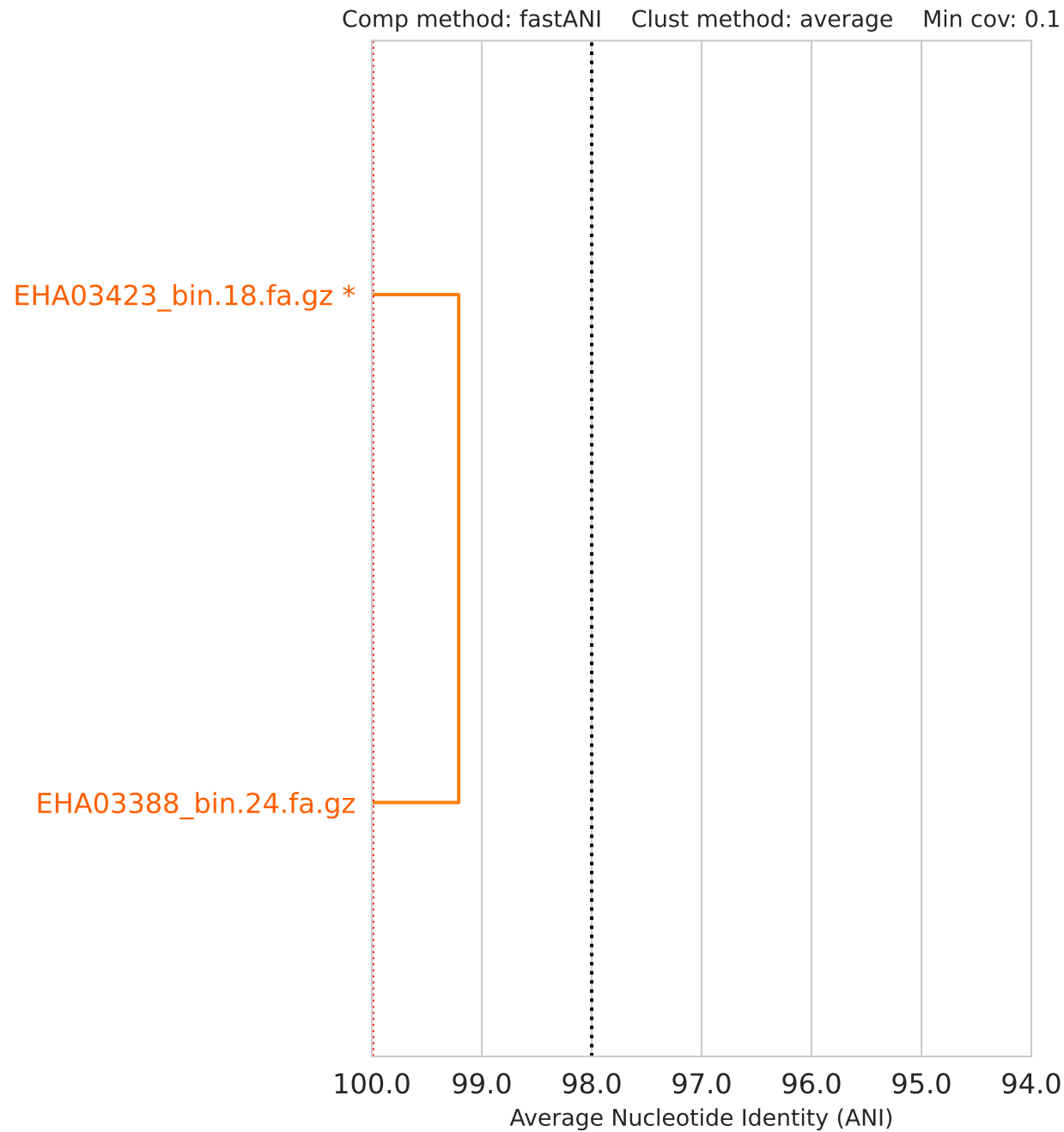
# Primary cluster 723



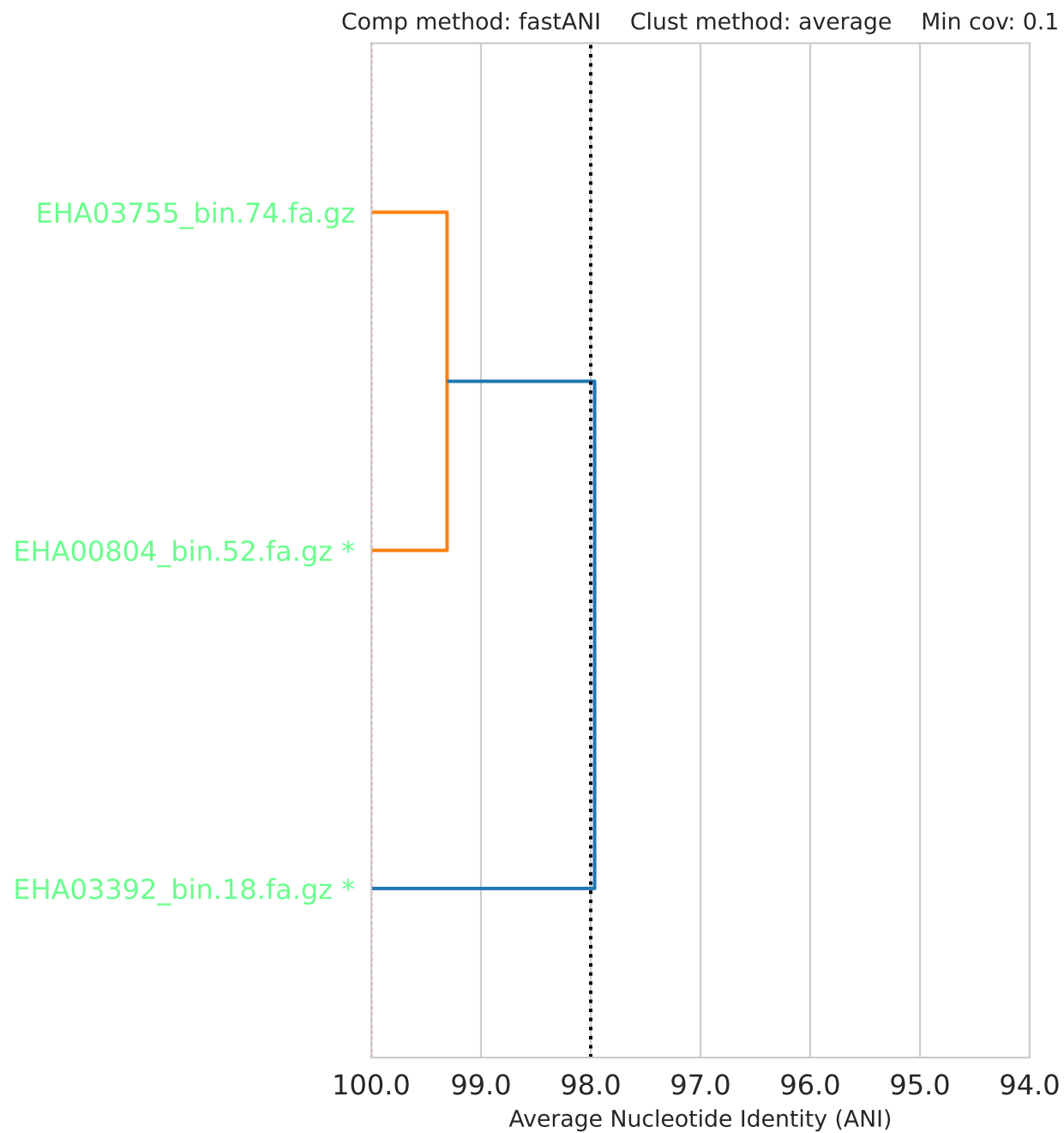
# Primary cluster 724



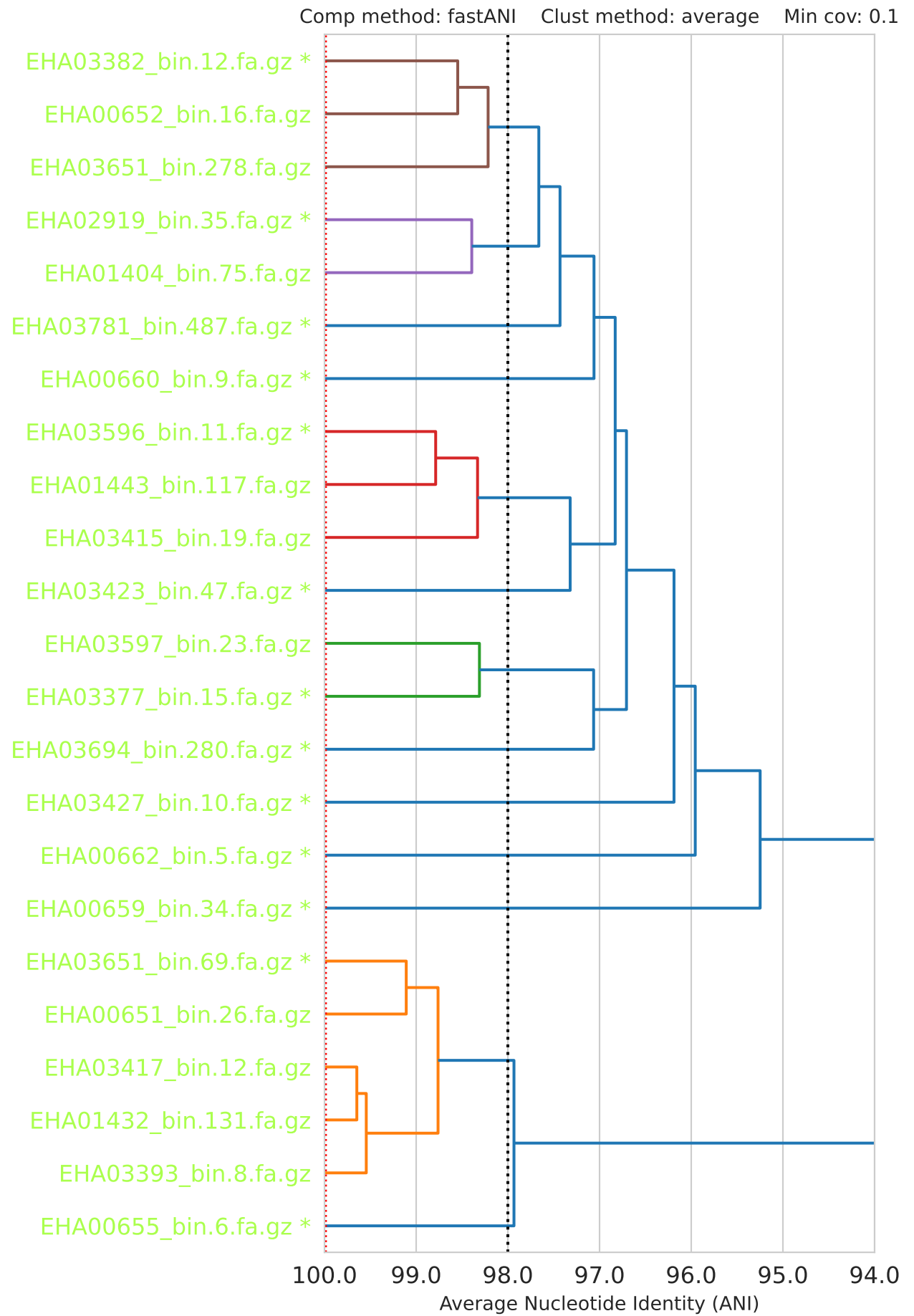
# Primary cluster 725



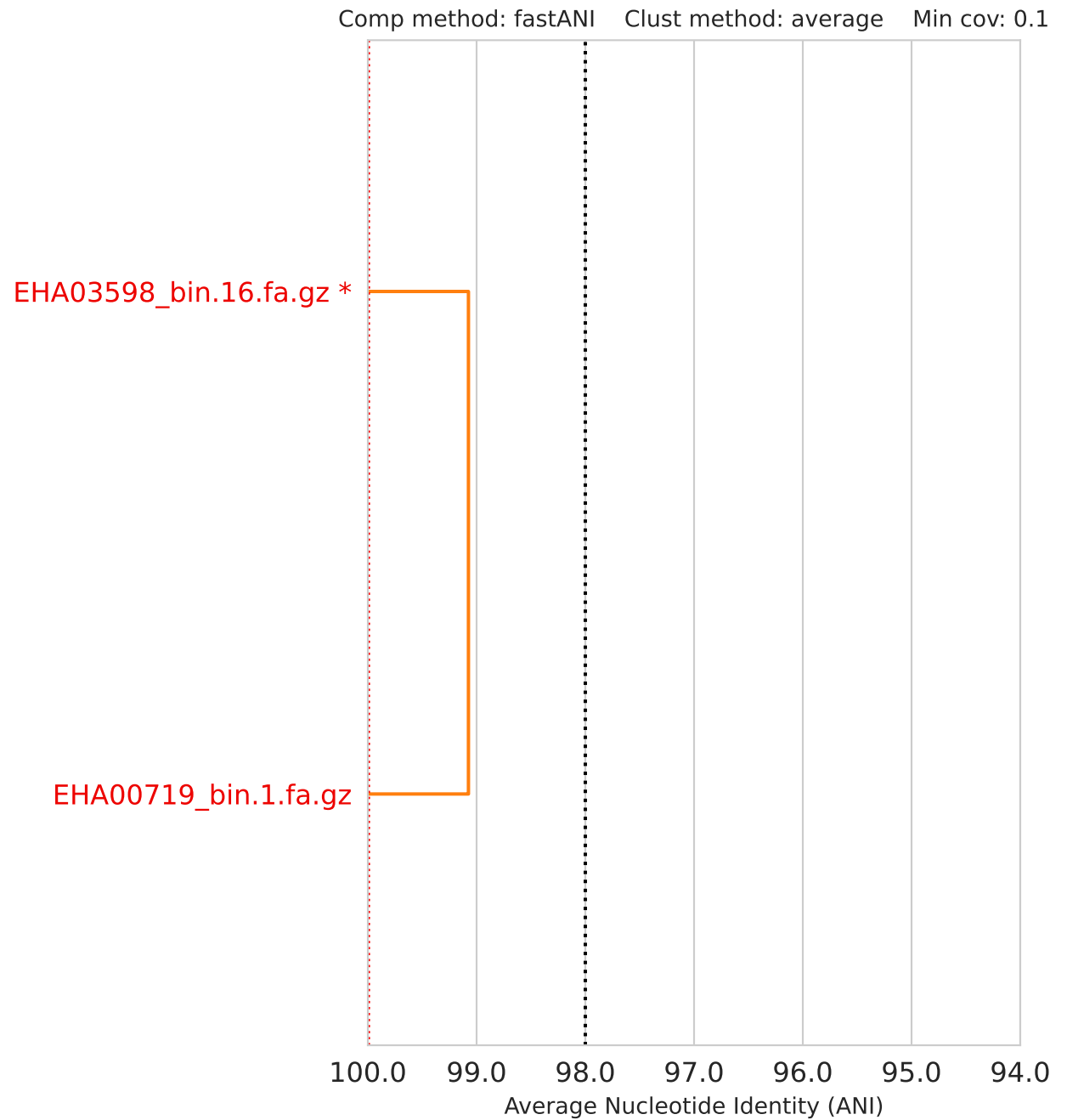
# Primary cluster 727



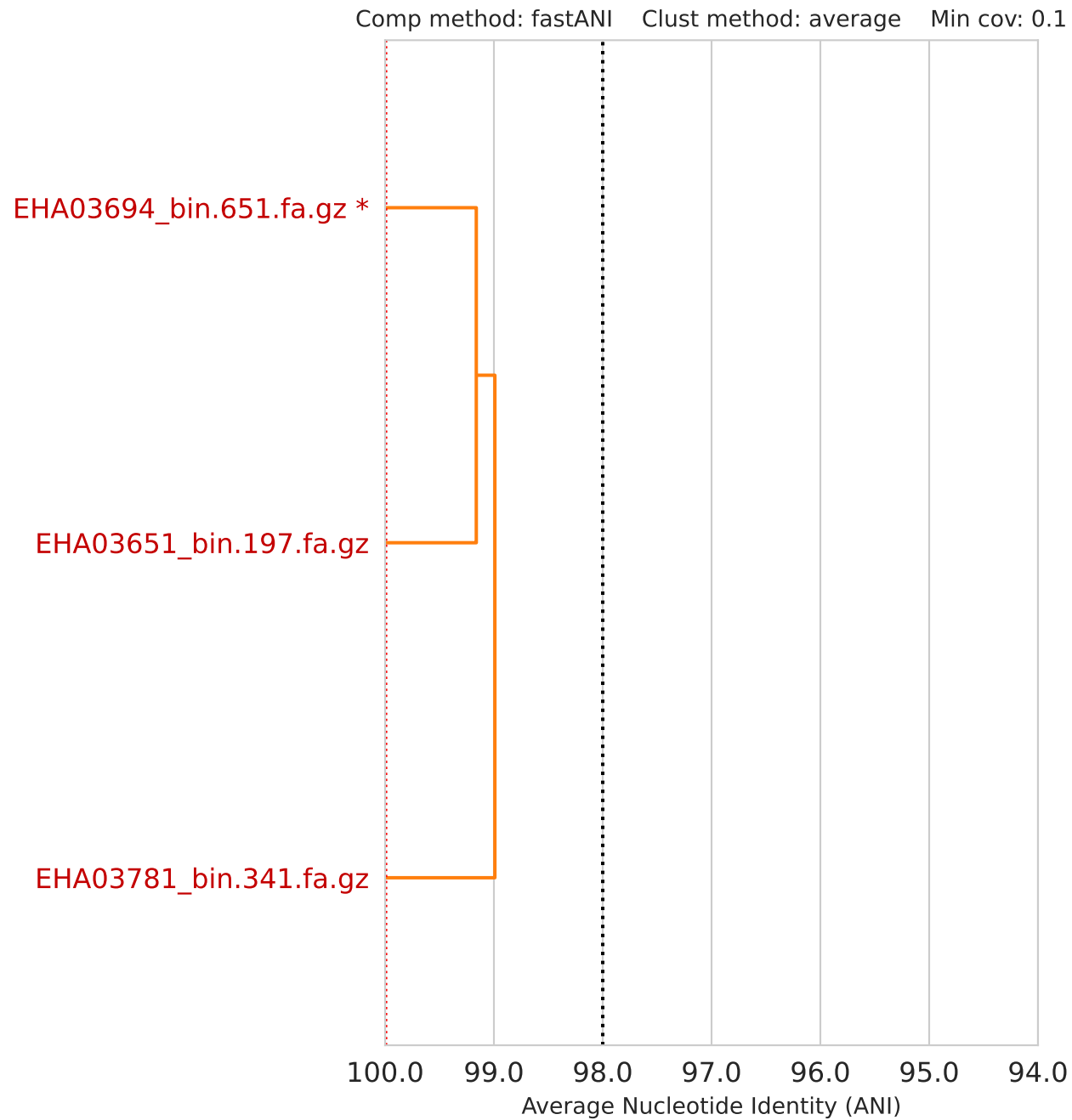
# Primary cluster 730



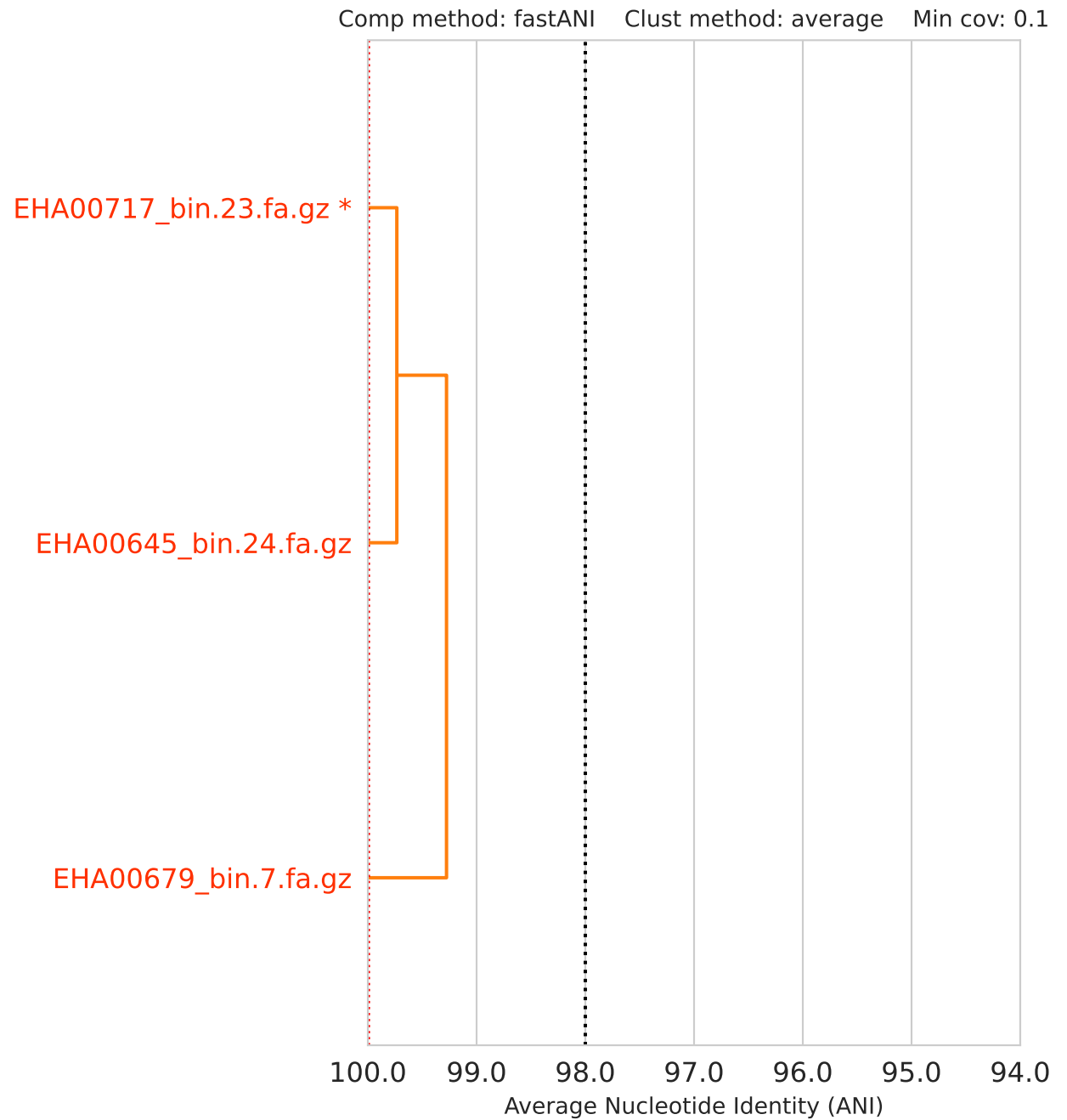
# Primary cluster 732



# Primary cluster 736

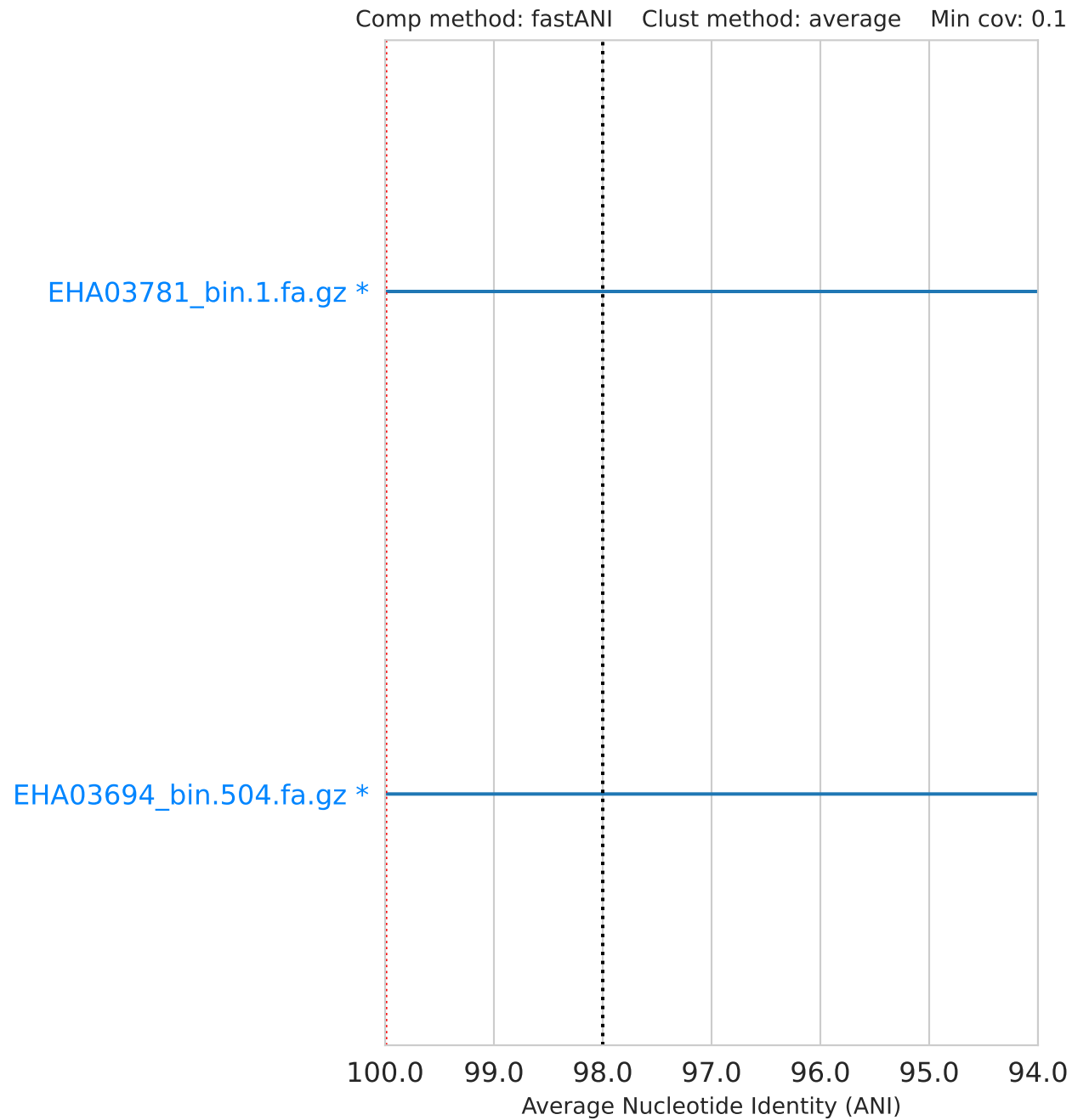


# Primary cluster 741

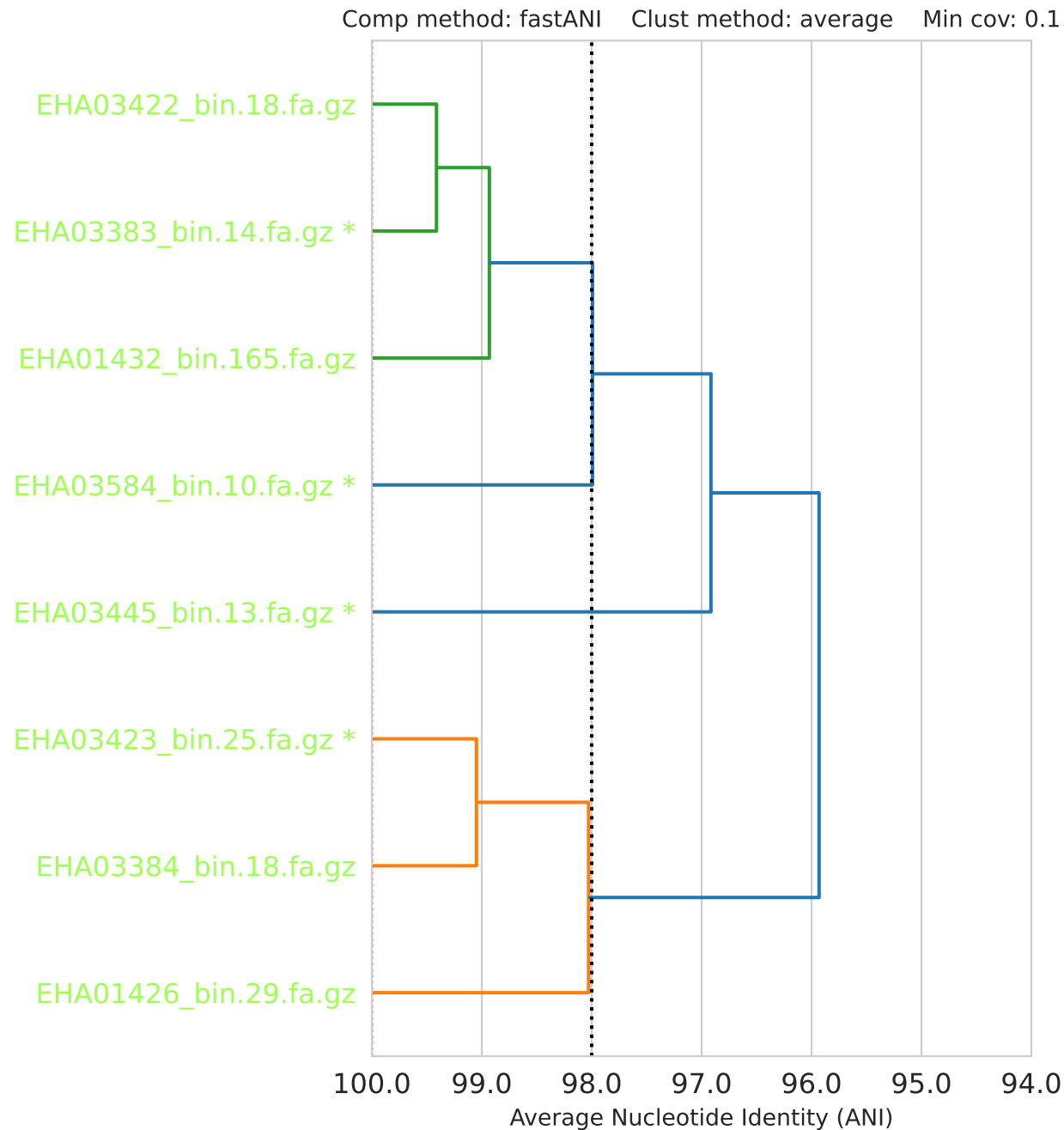




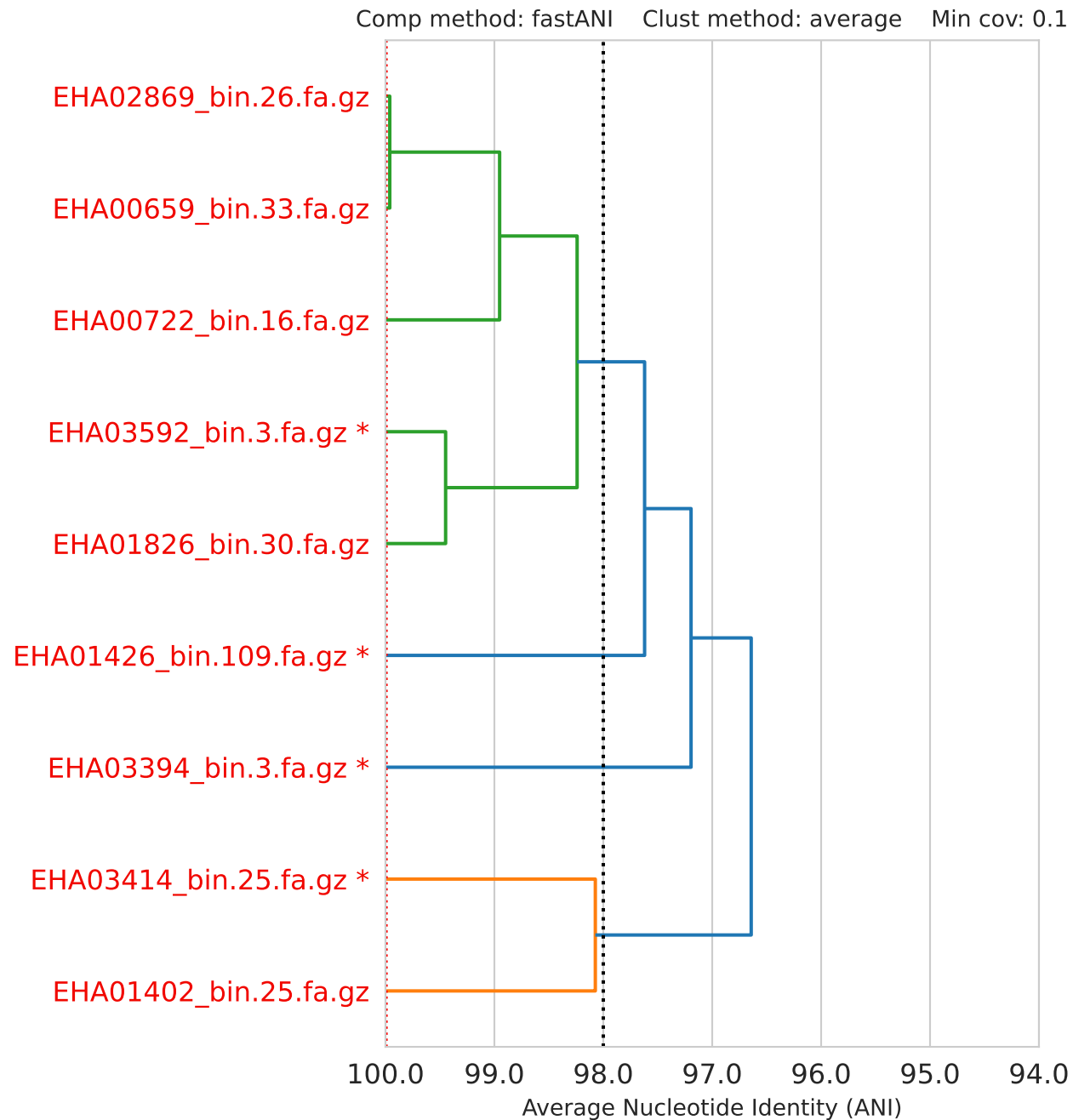
# Primary cluster 745



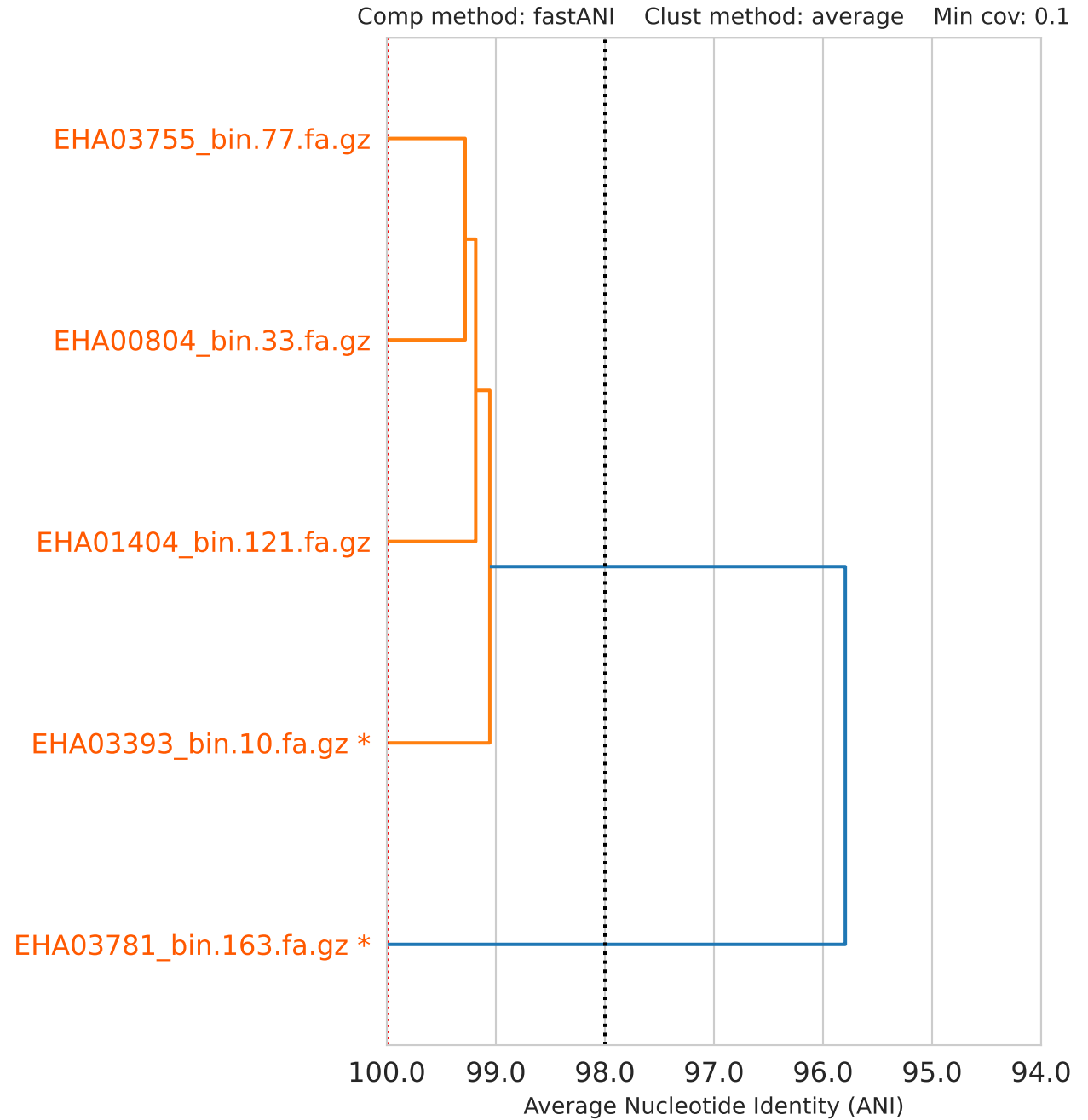
# Primary cluster 747



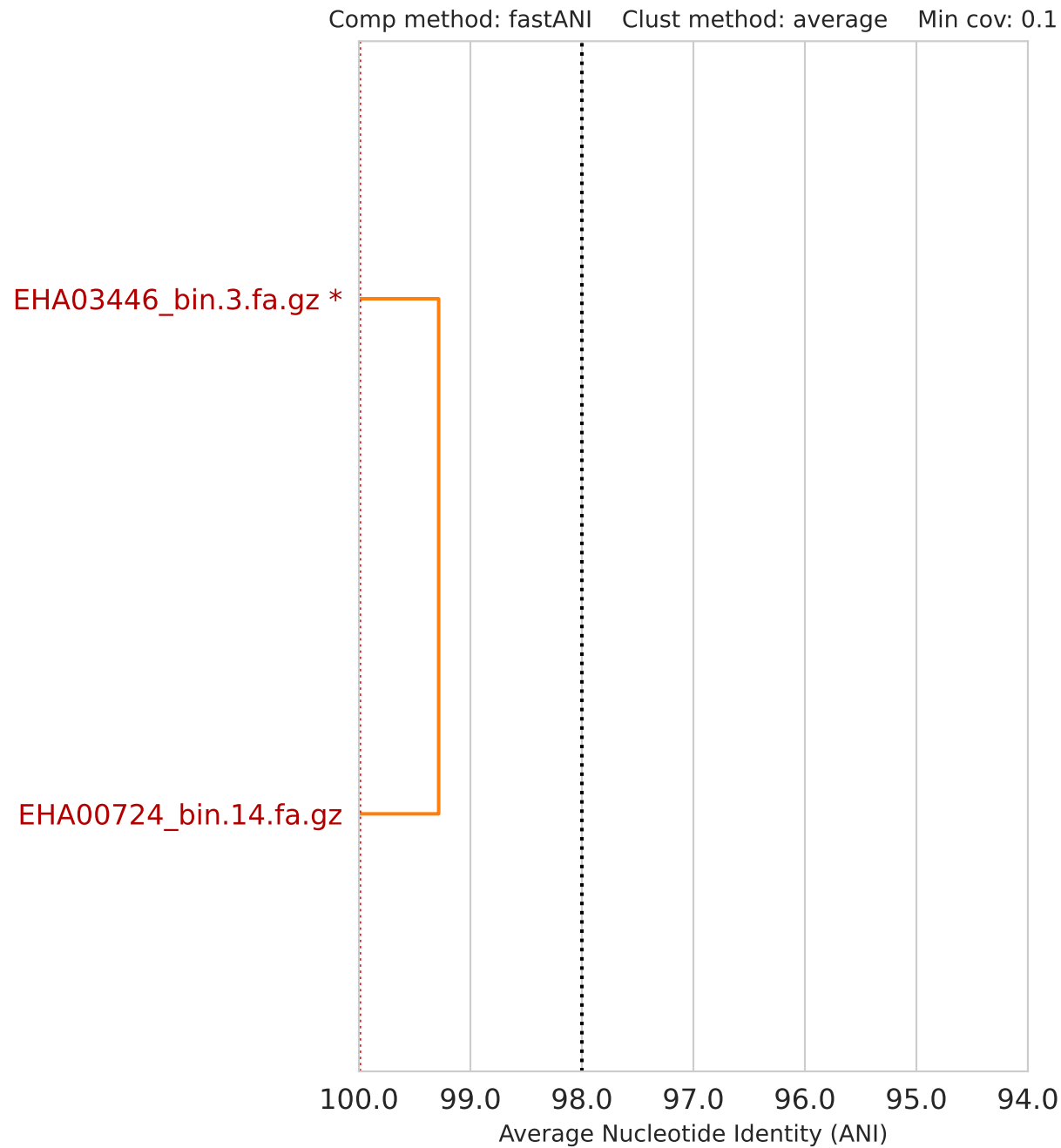
# Primary cluster 748



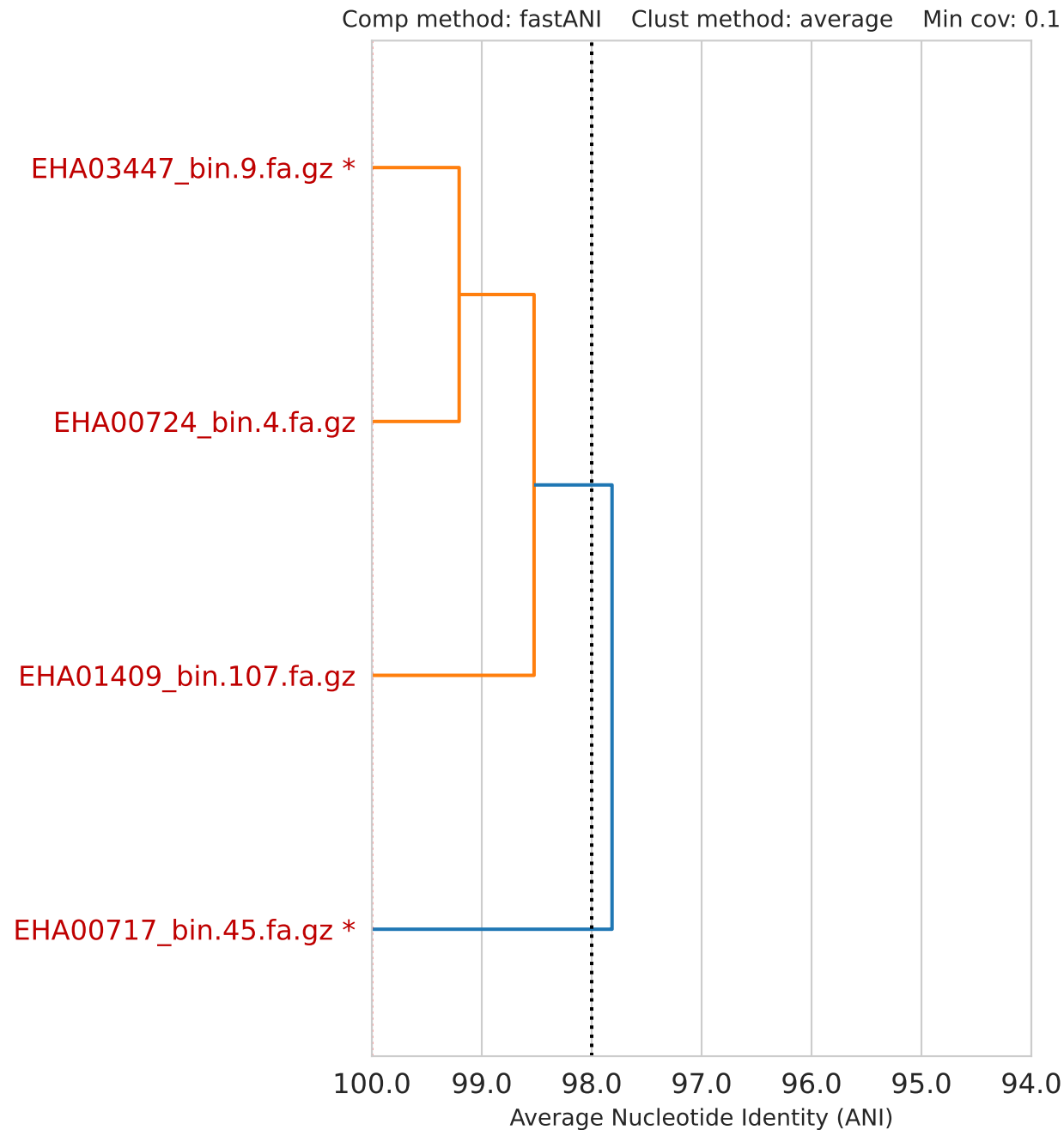
# Primary cluster 749



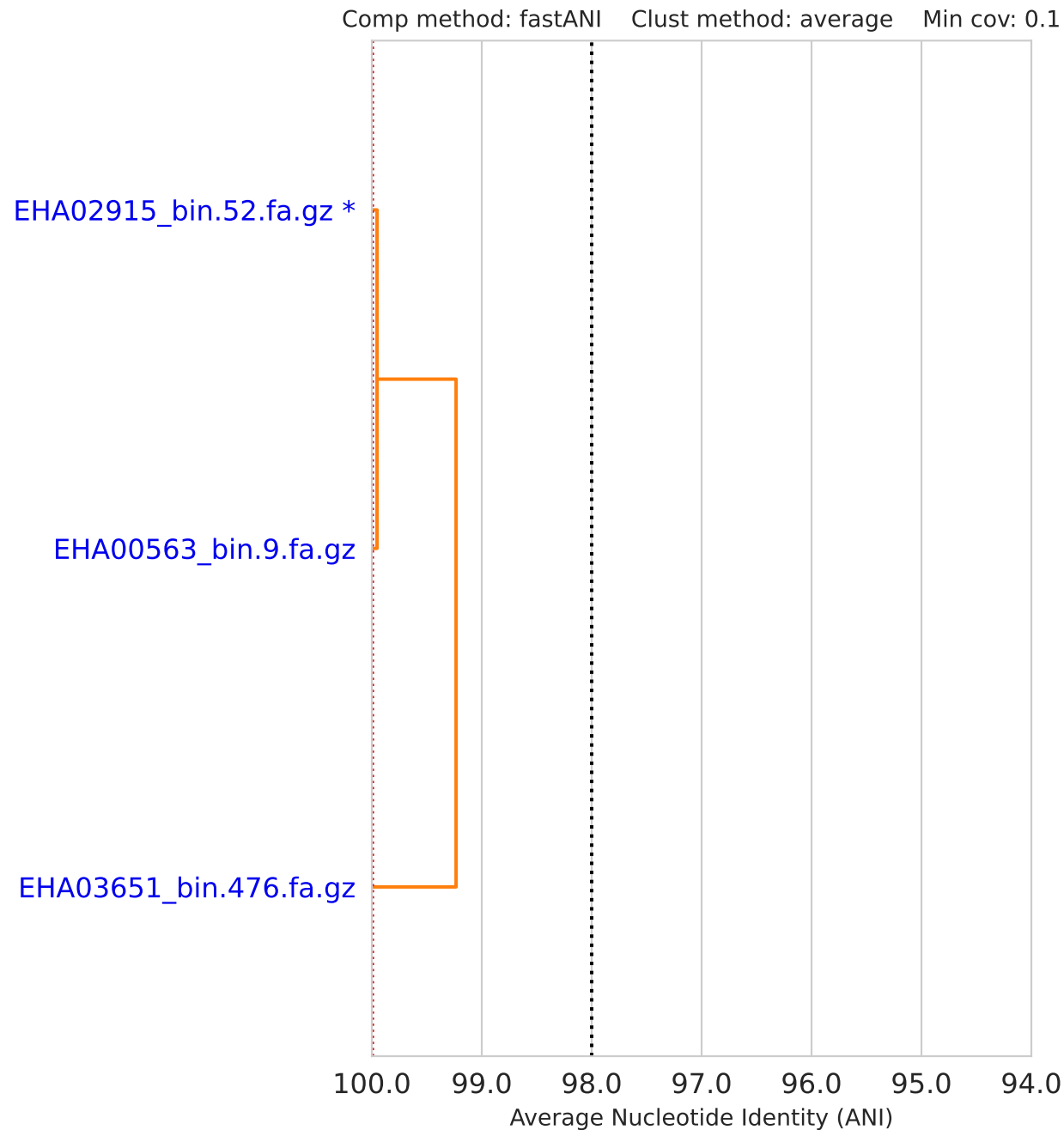
# Primary cluster 750



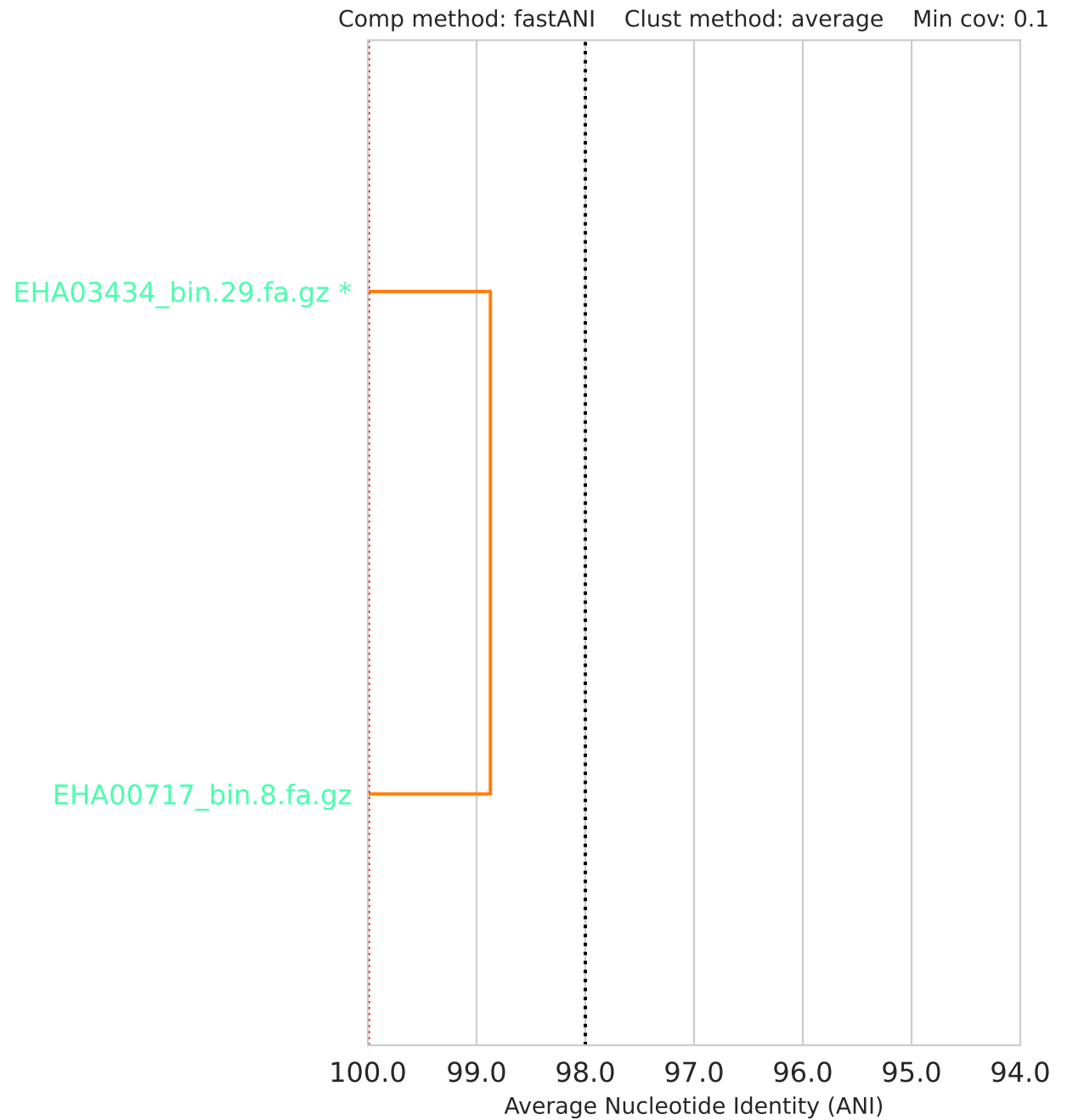
# Primary cluster 752



# Primary cluster 754

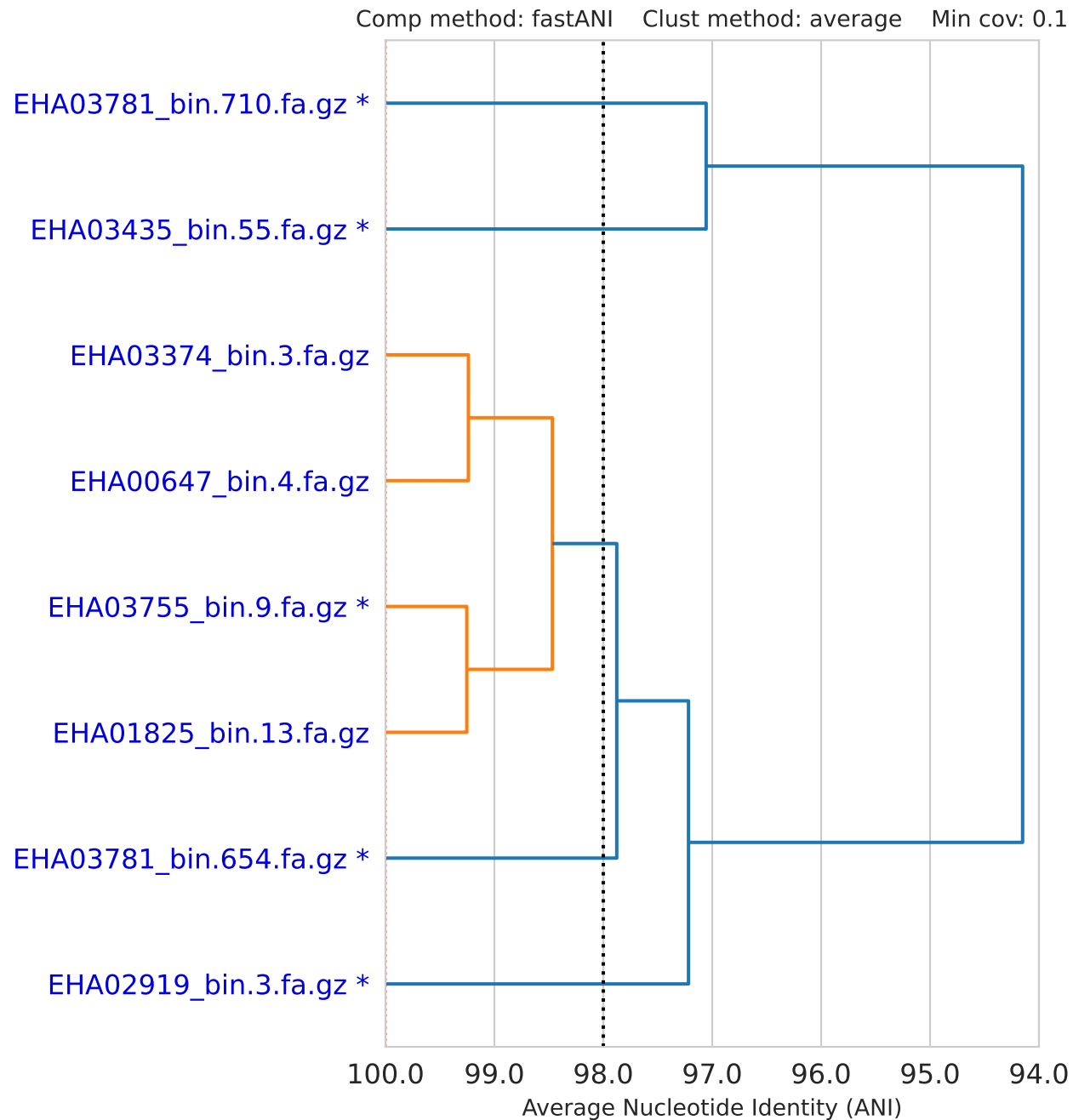


# Primary cluster 755

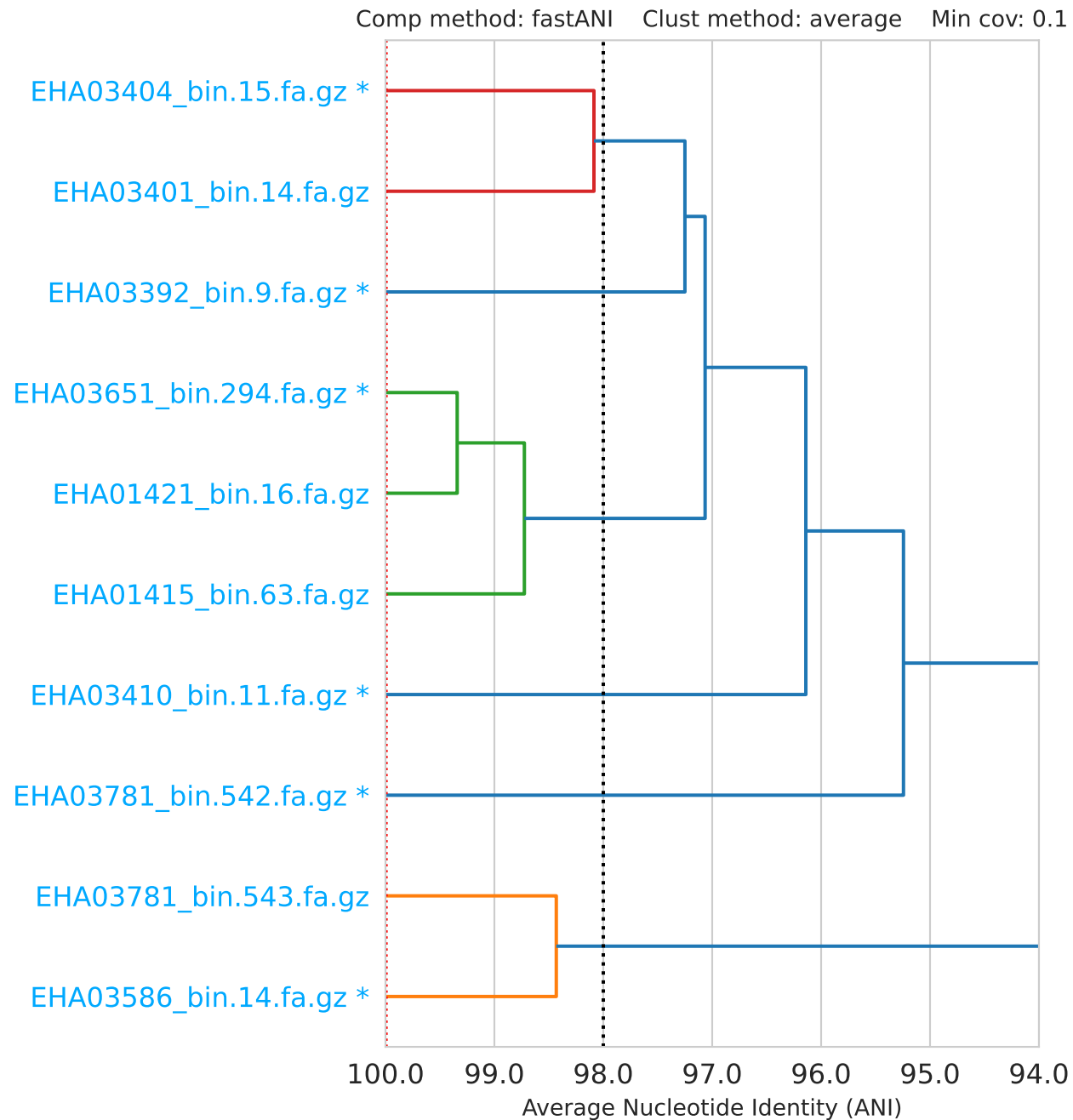




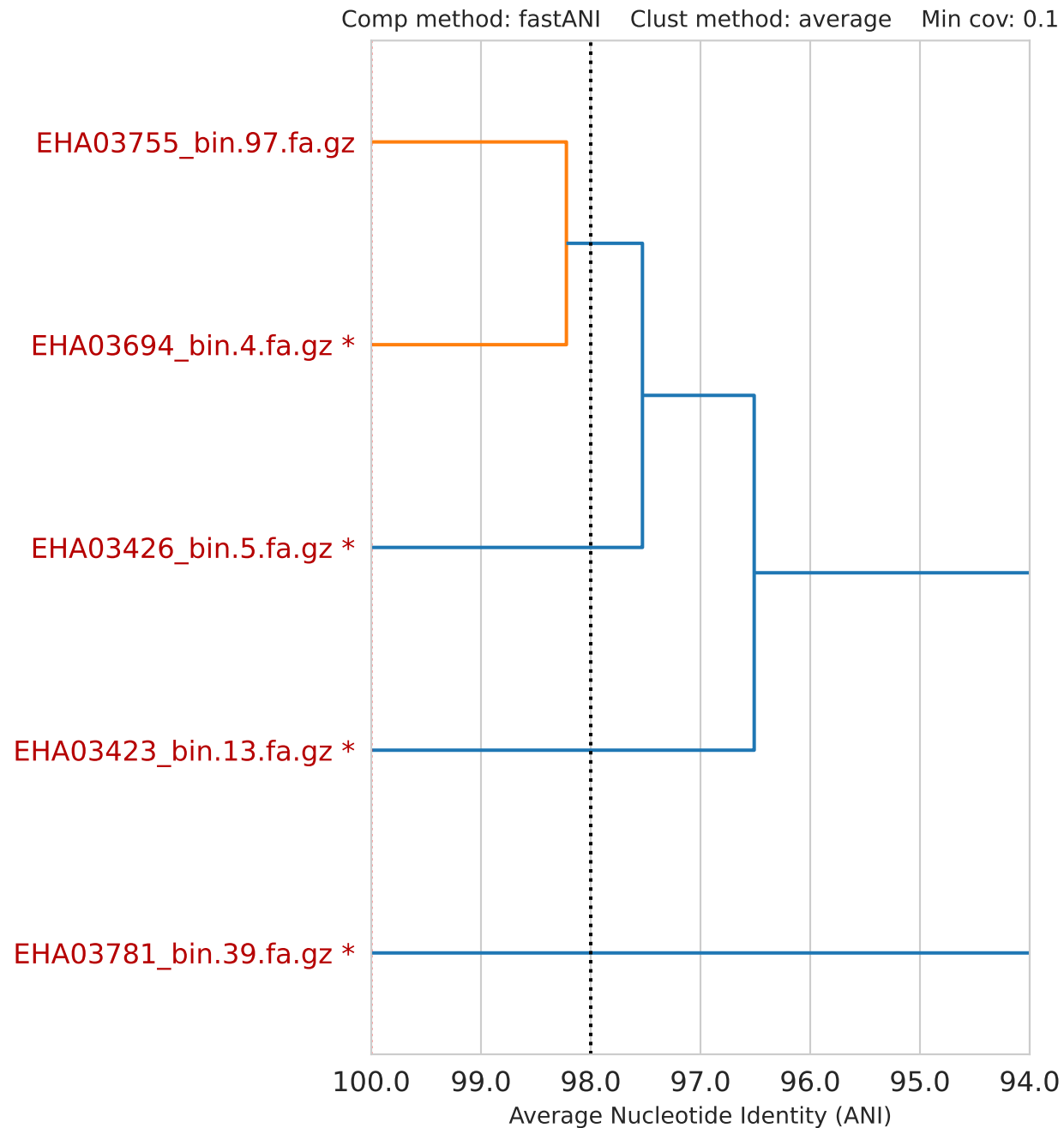
# Primary cluster 756



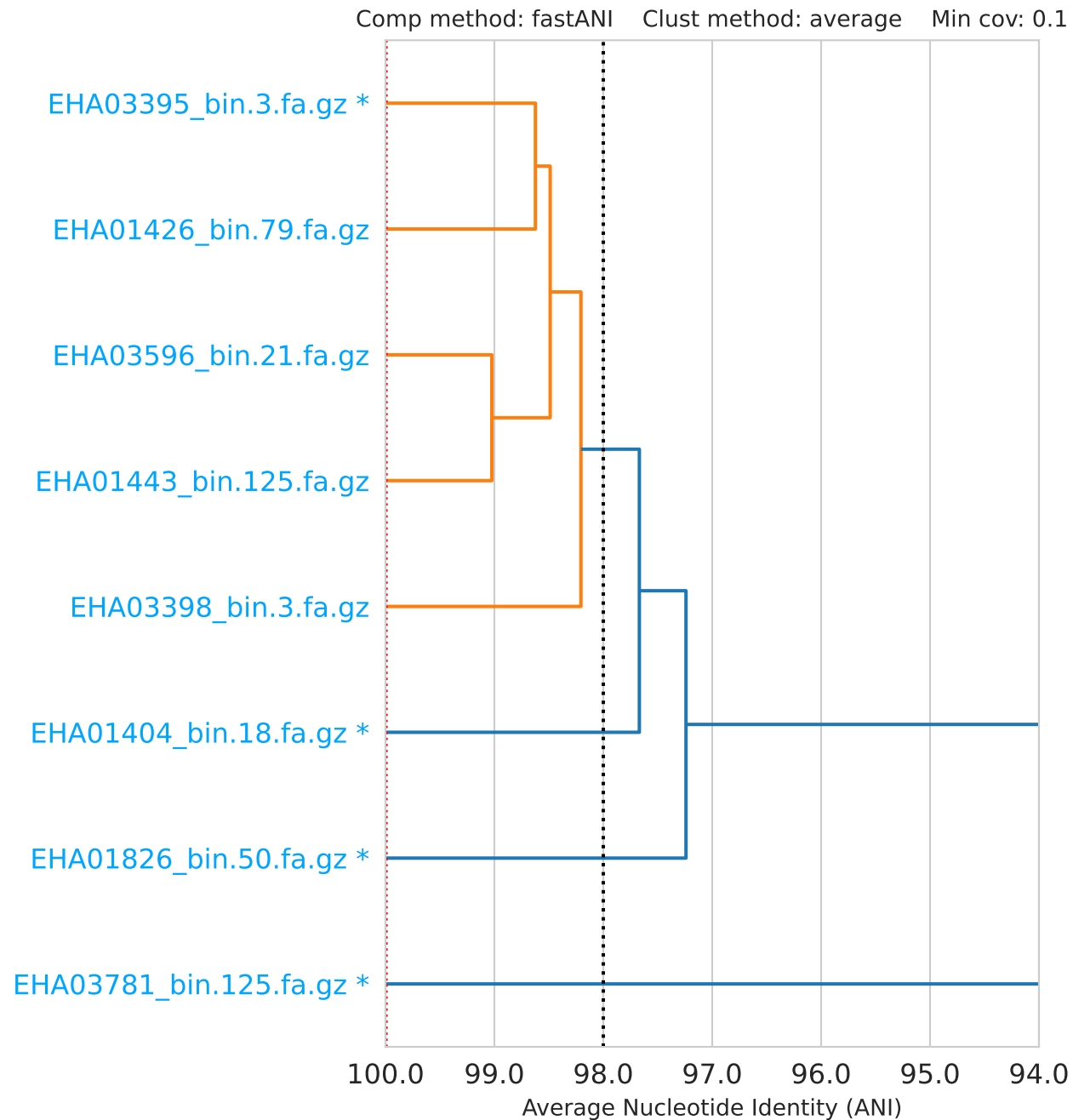
# Primary cluster 757



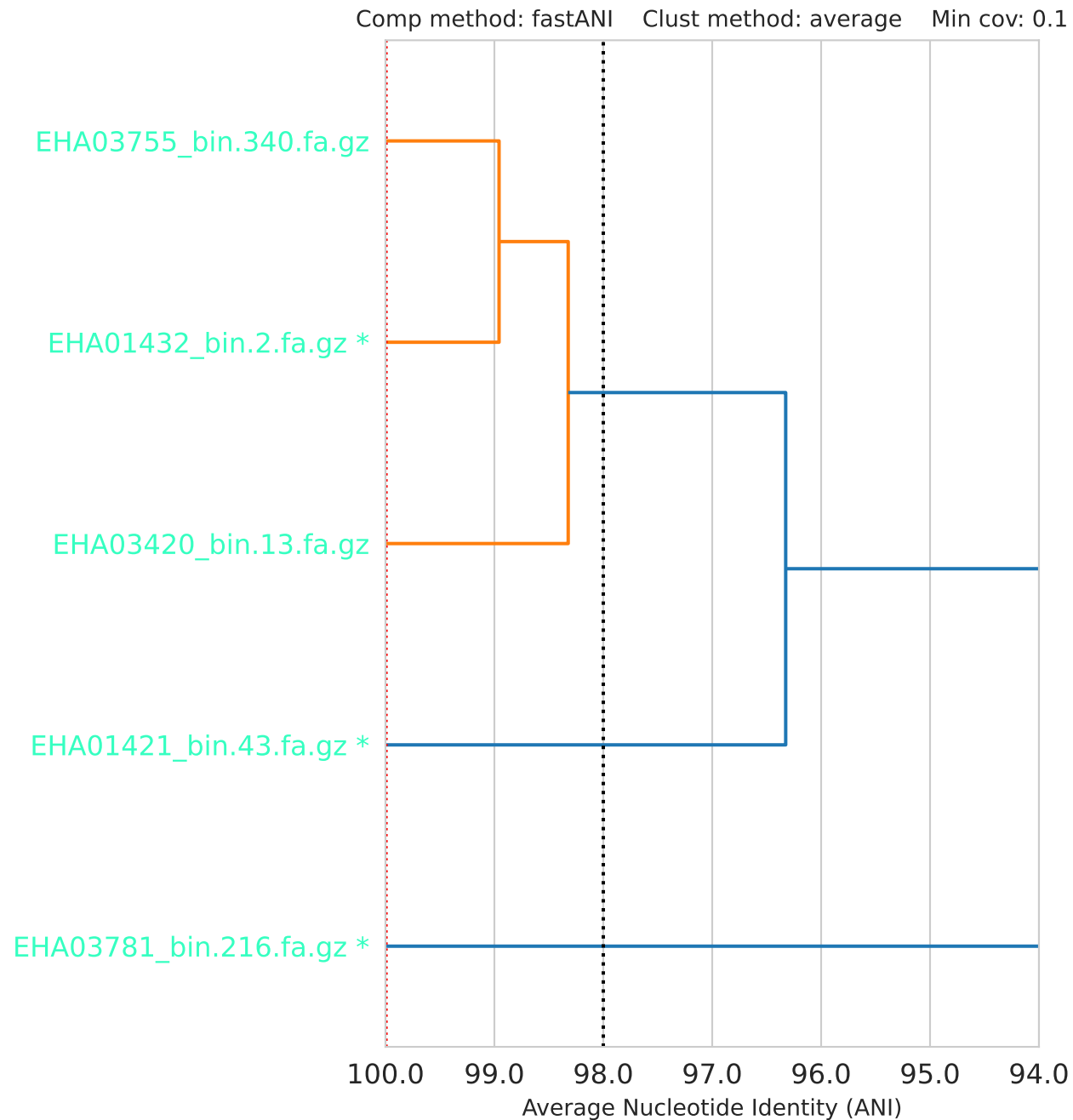
# Primary cluster 758



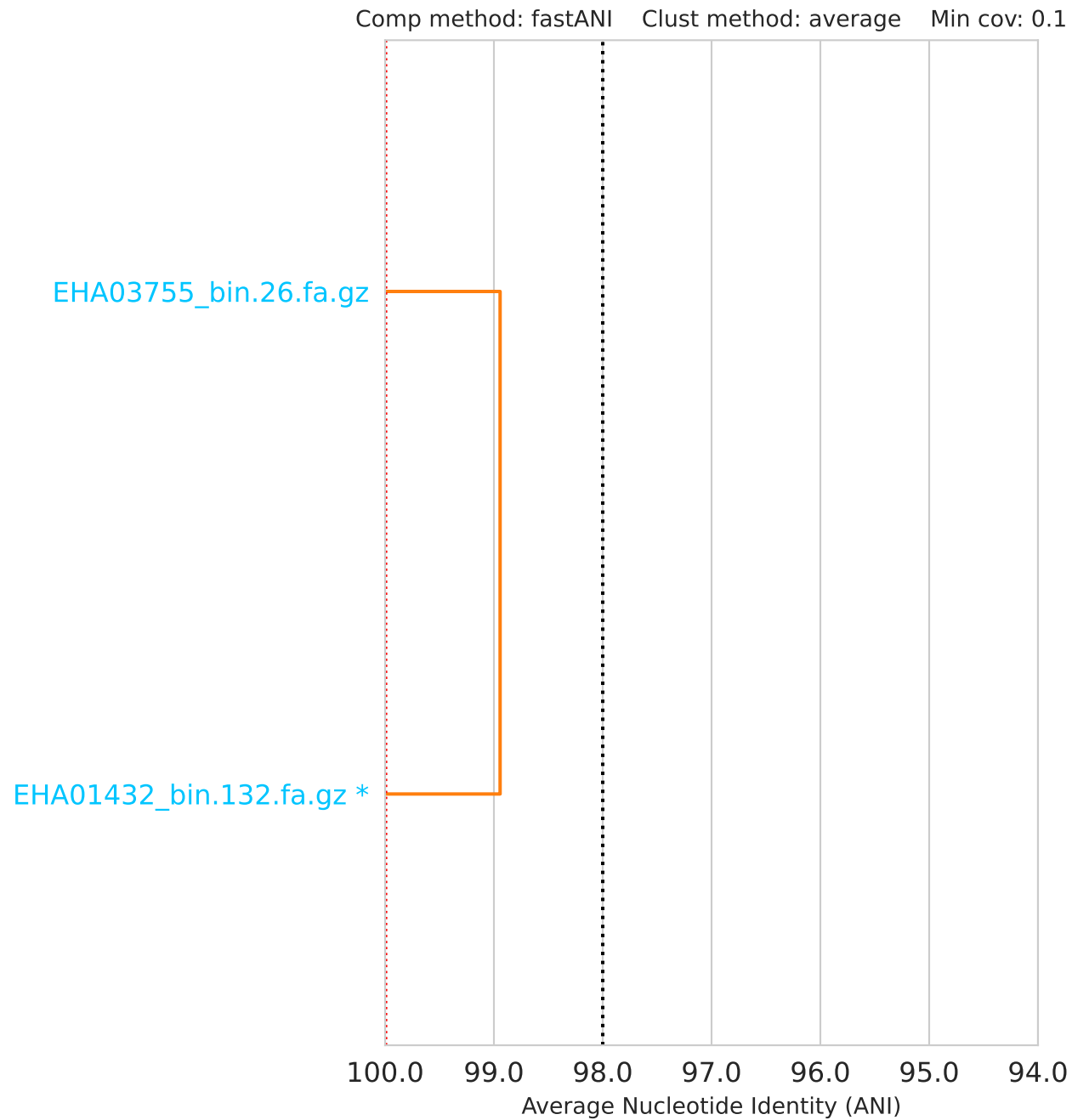
# Primary cluster 760



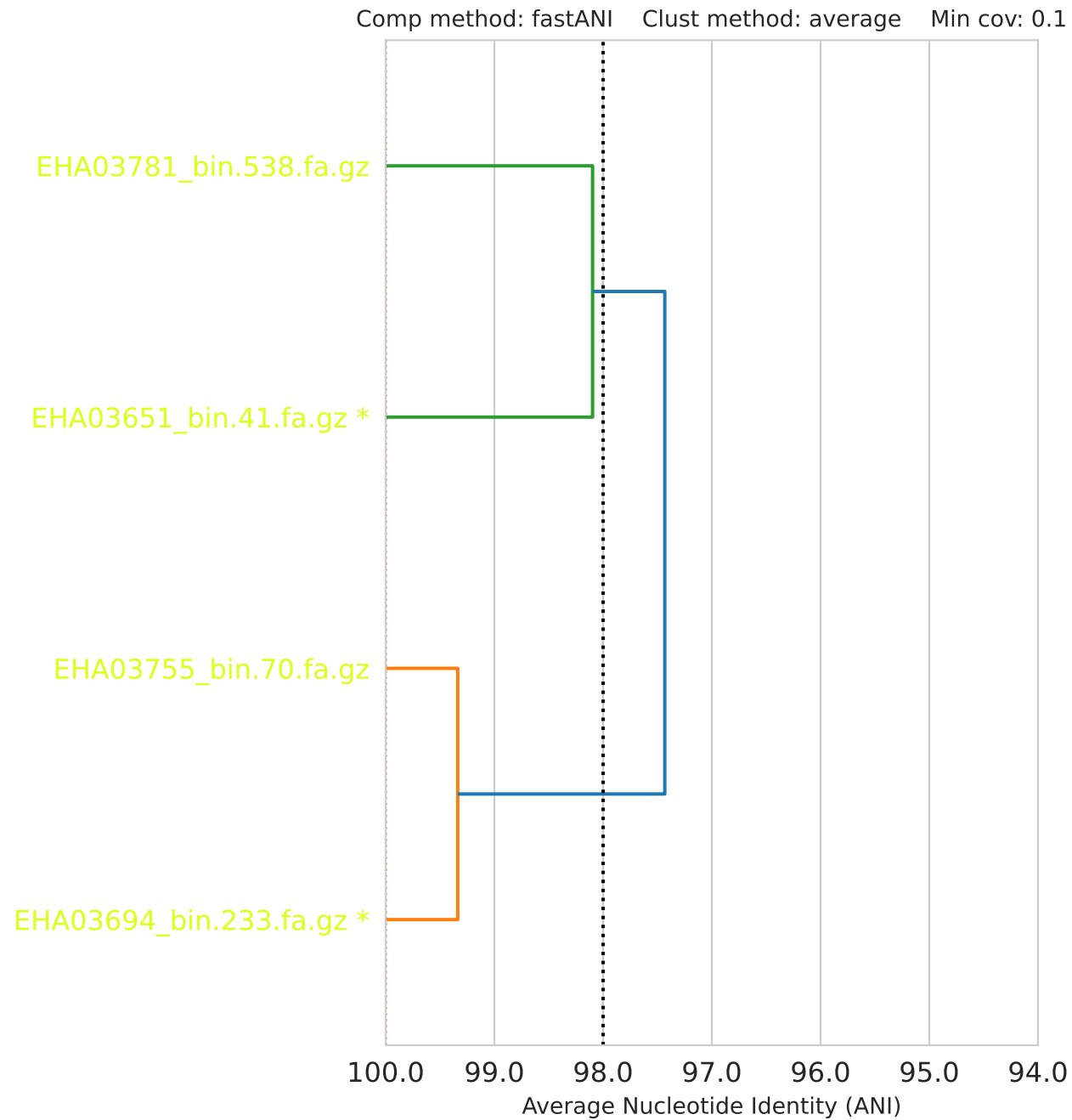
# Primary cluster 761



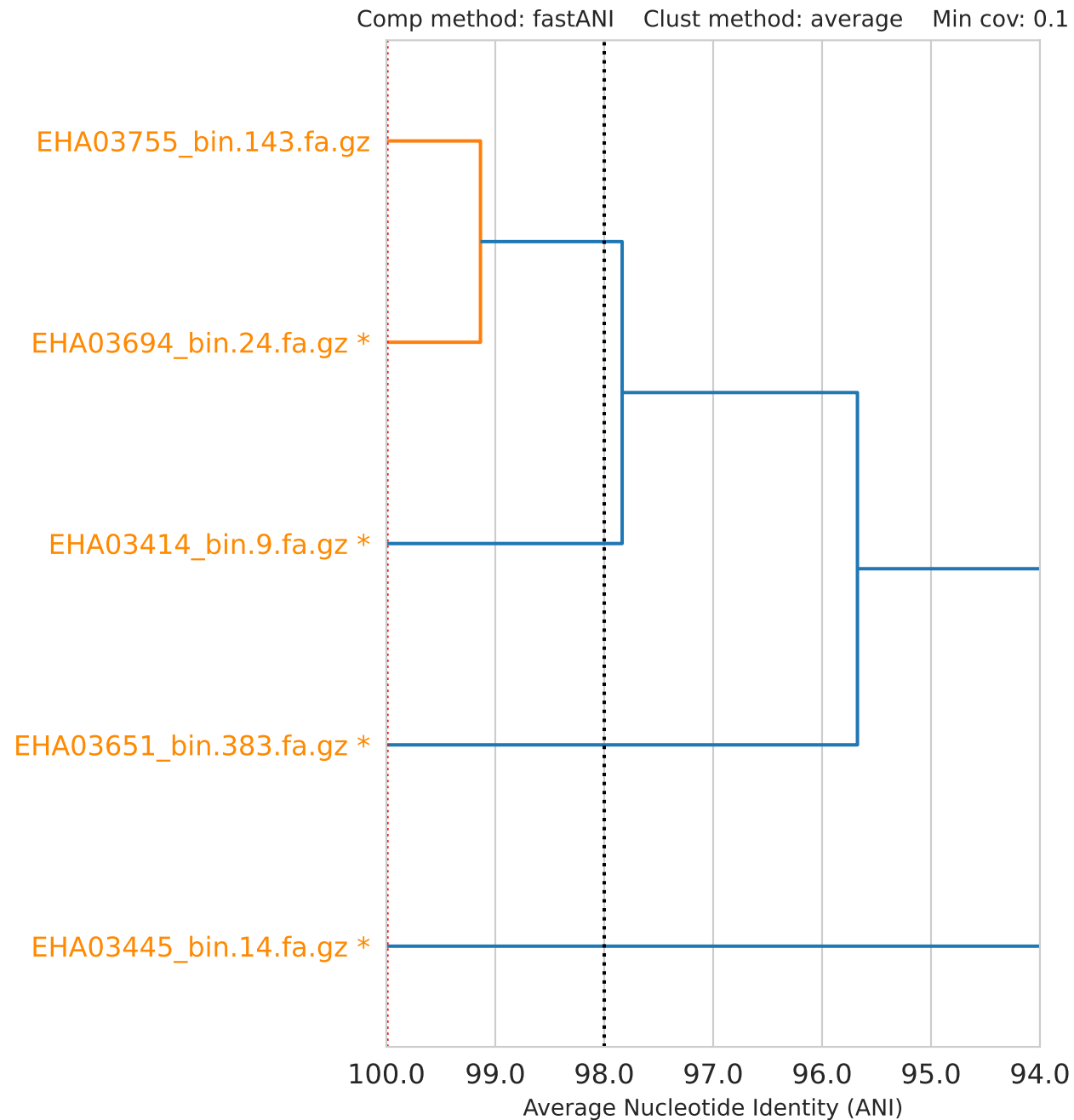
# Primary cluster 763



# Primary cluster 764

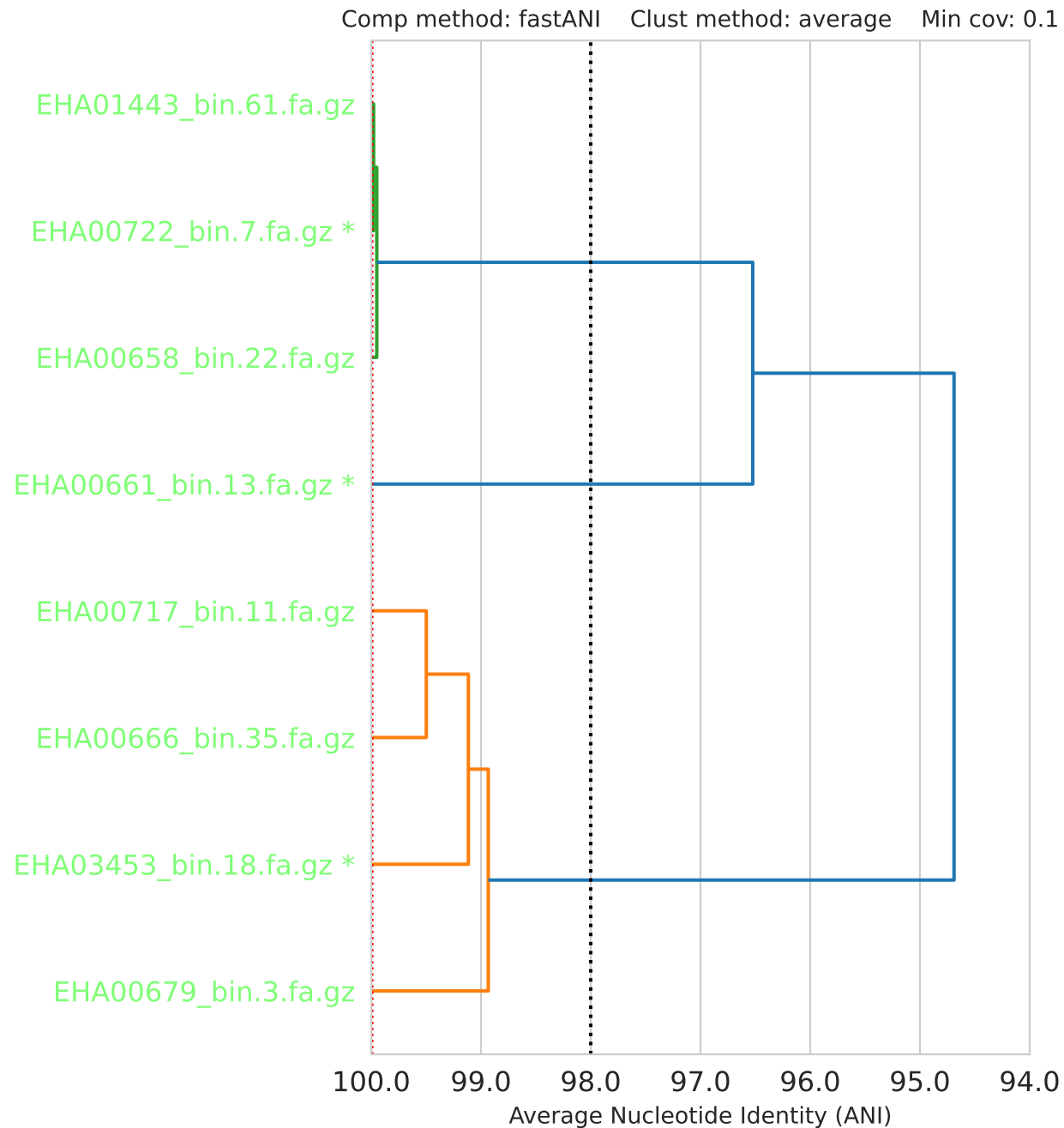


# Primary cluster 766

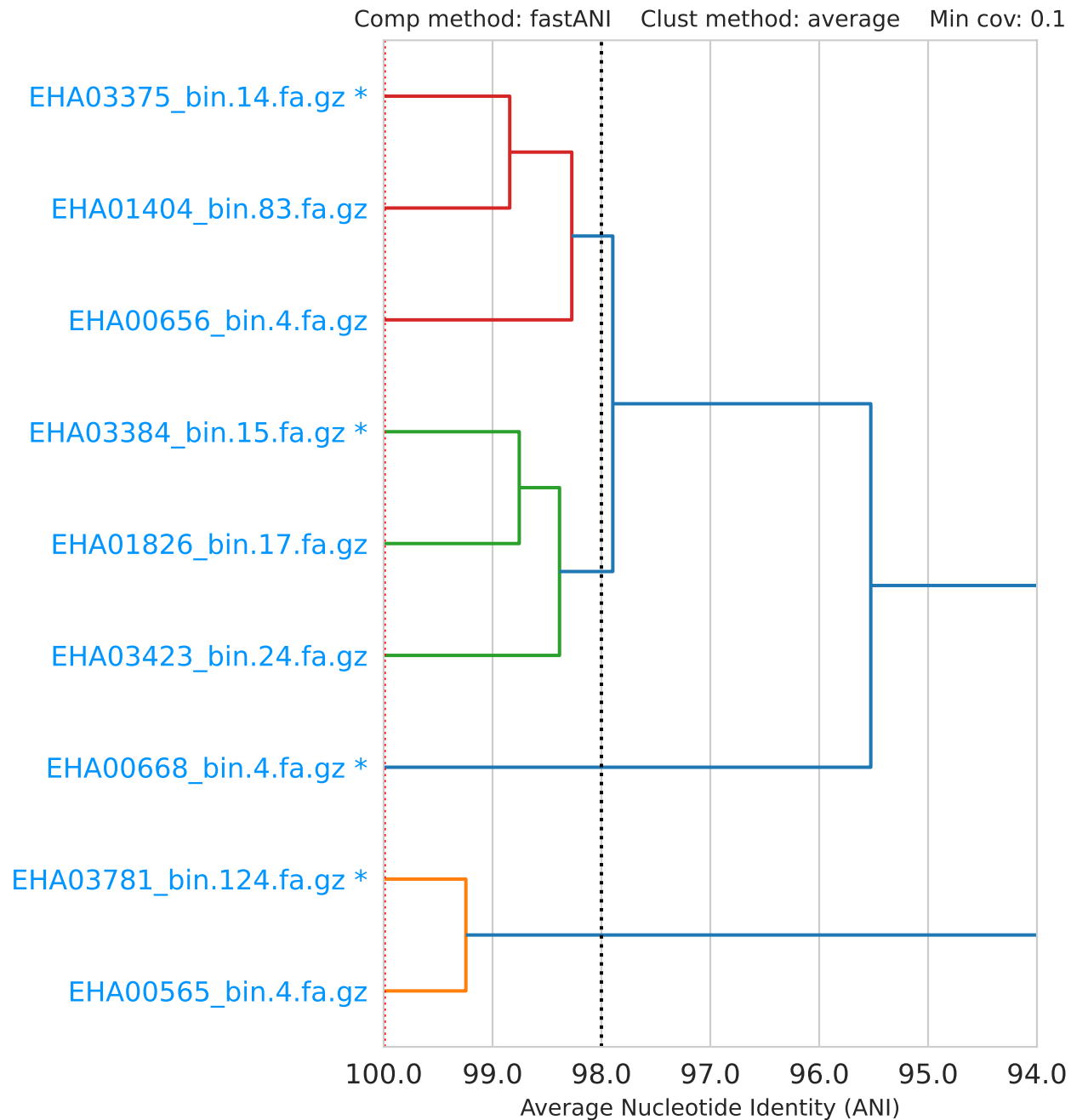




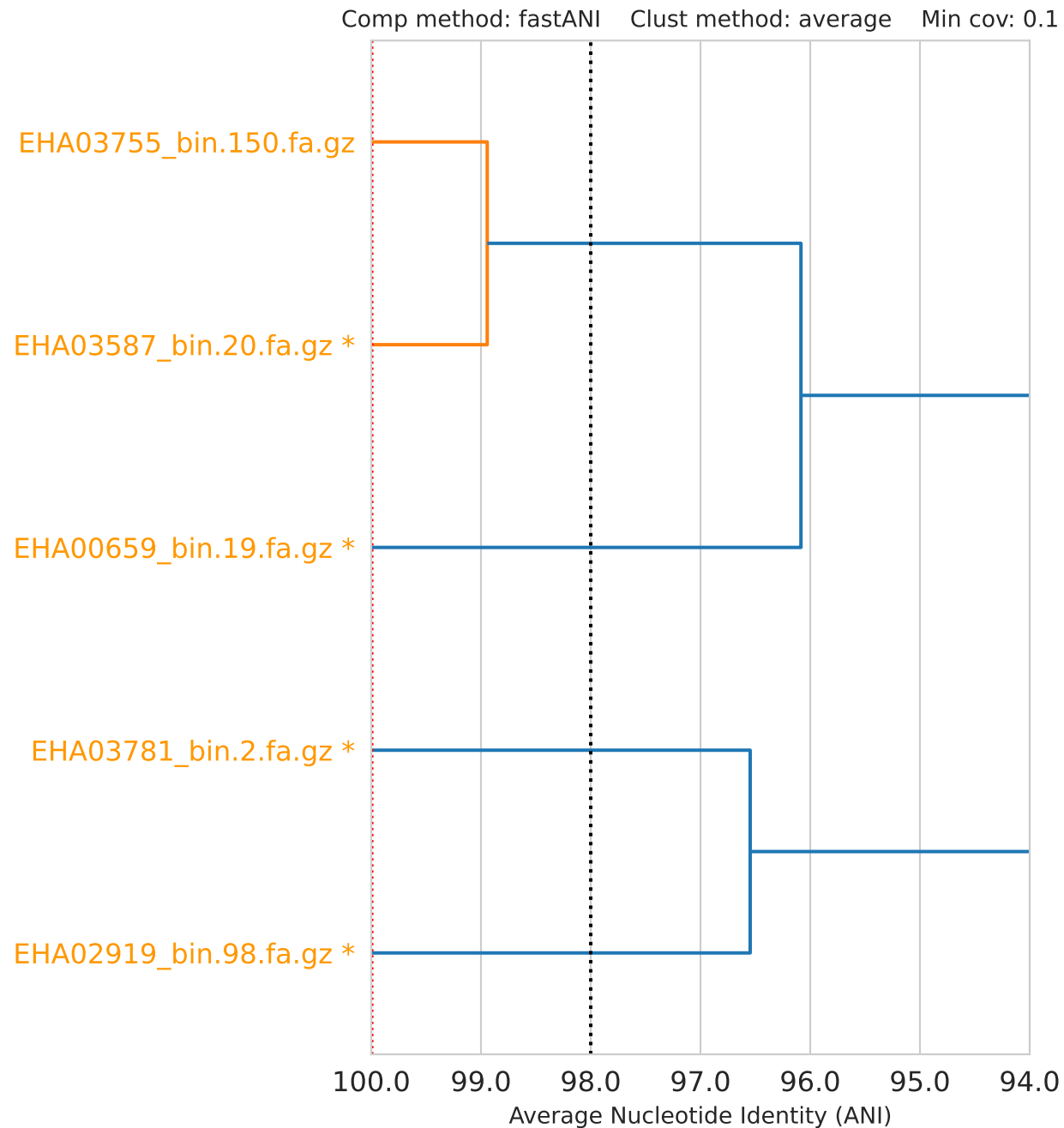
# Primary cluster 768



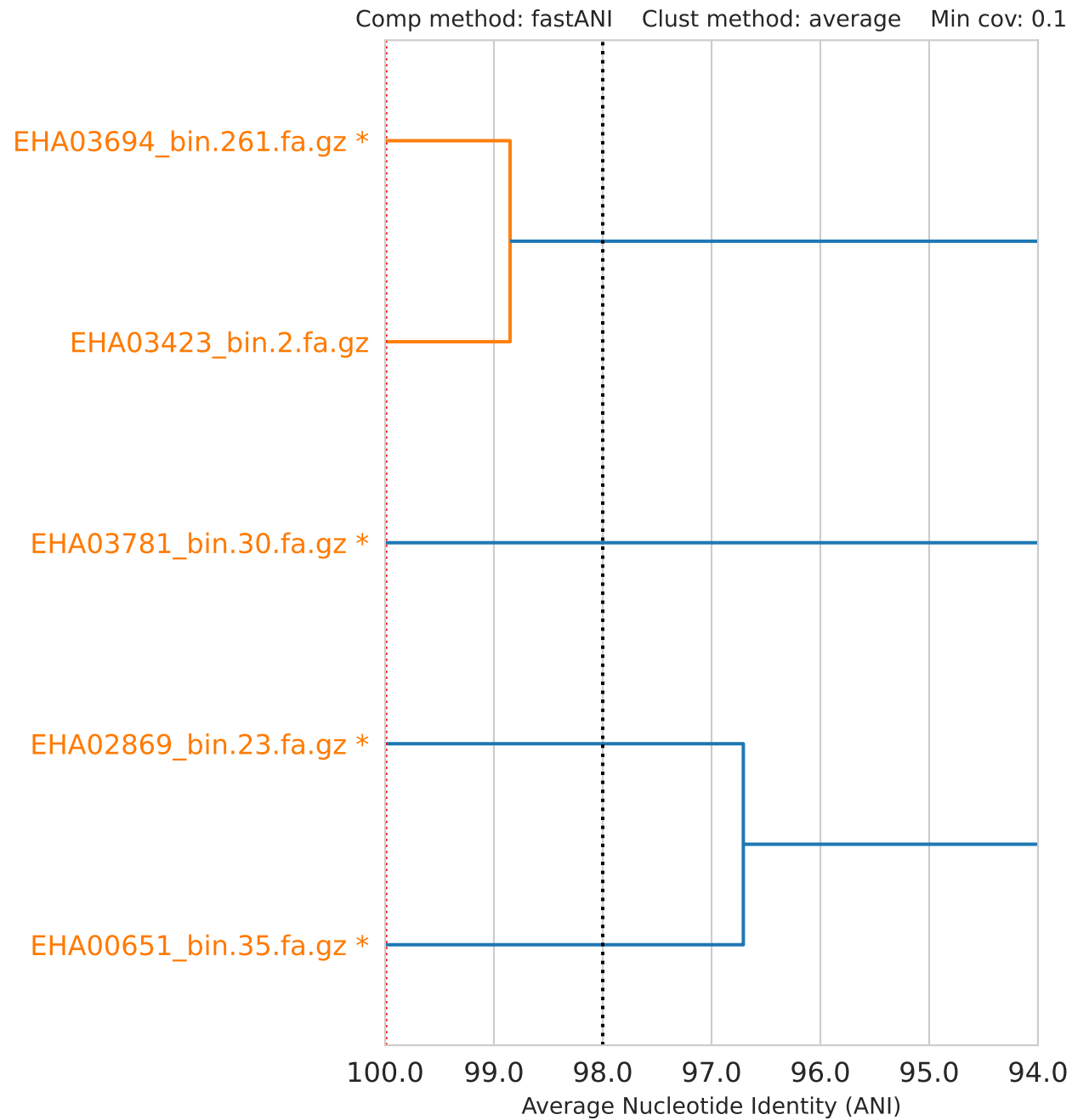
# Primary cluster 769



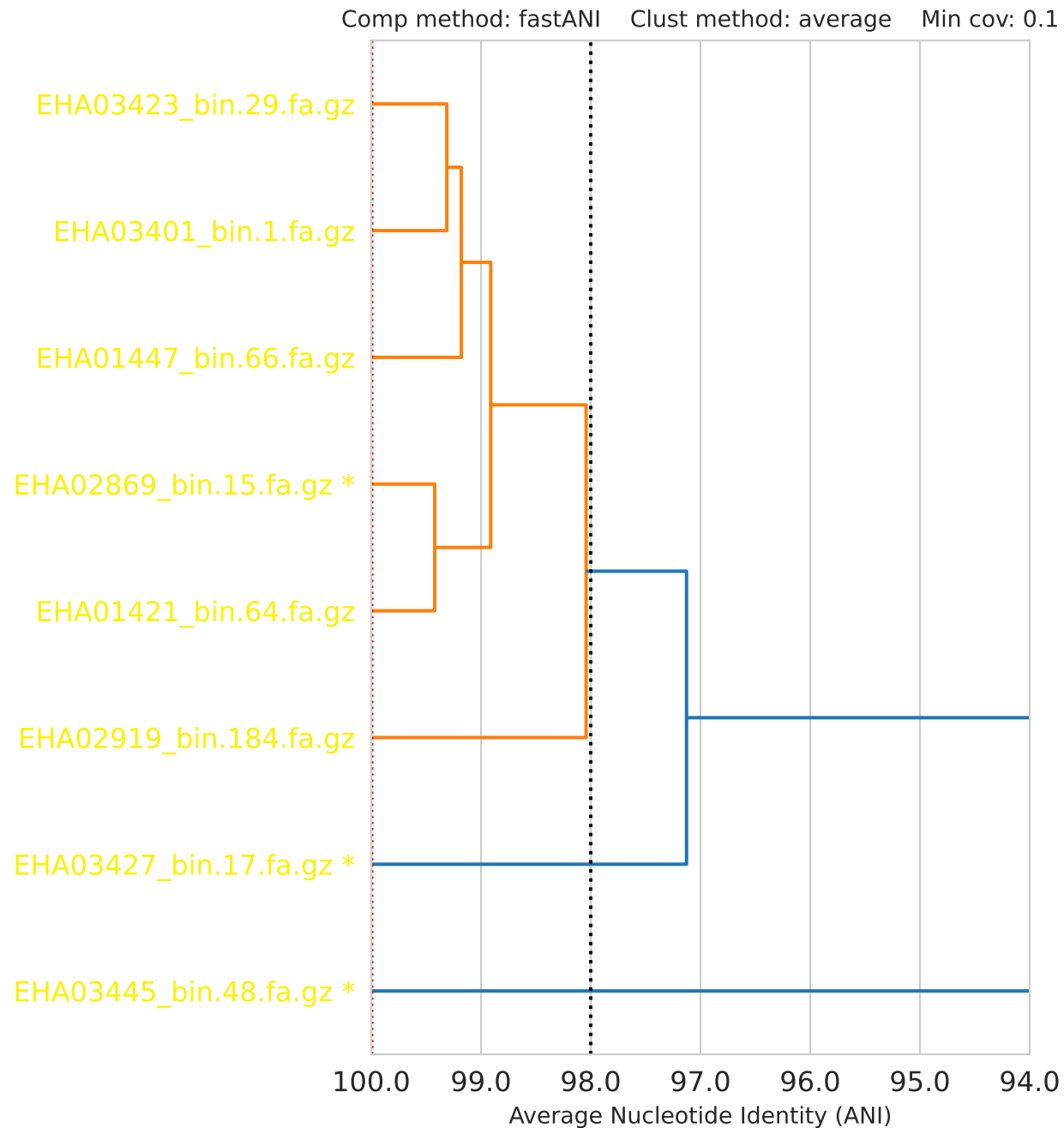
# Primary cluster 770



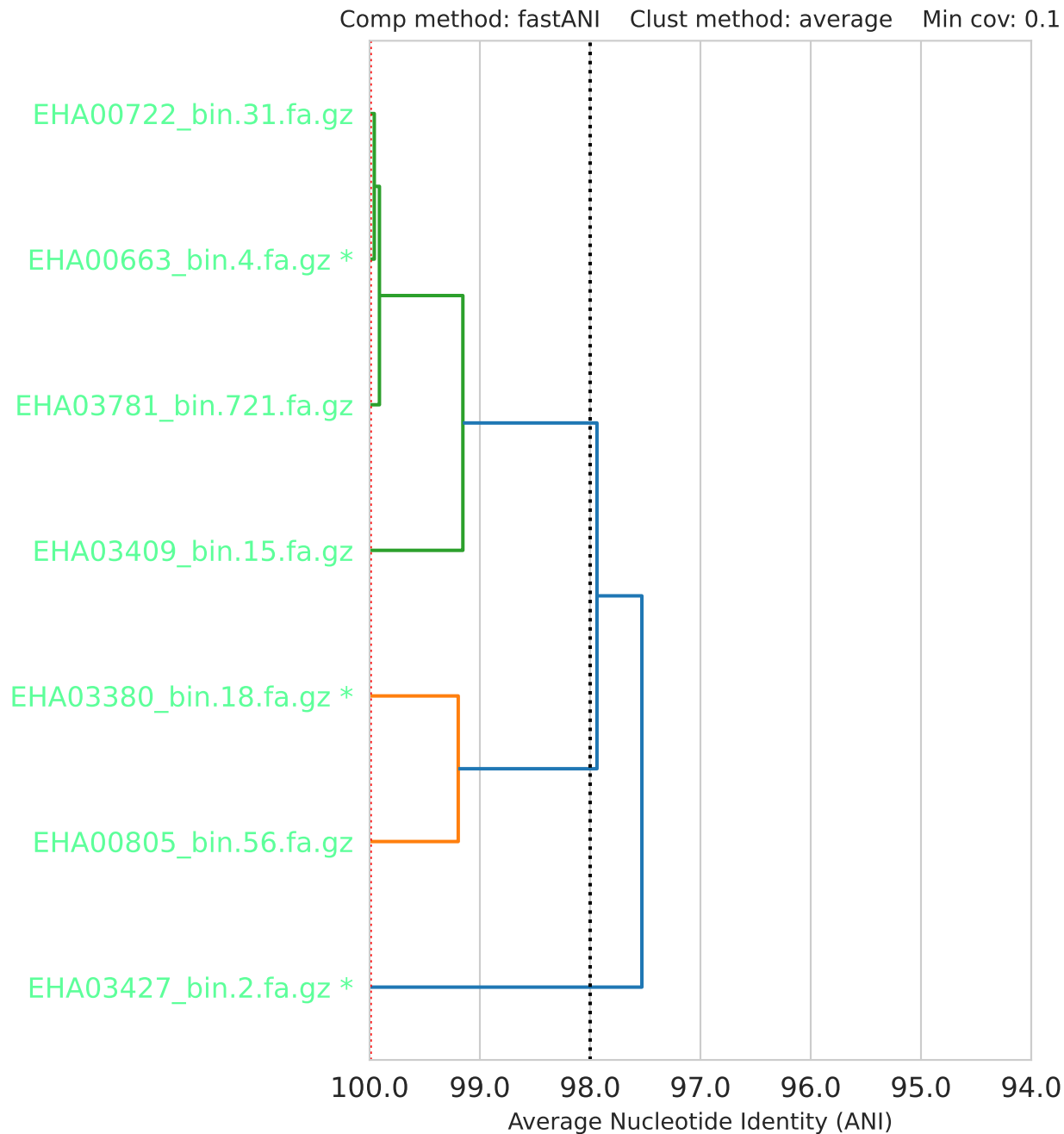
# Primary cluster 772



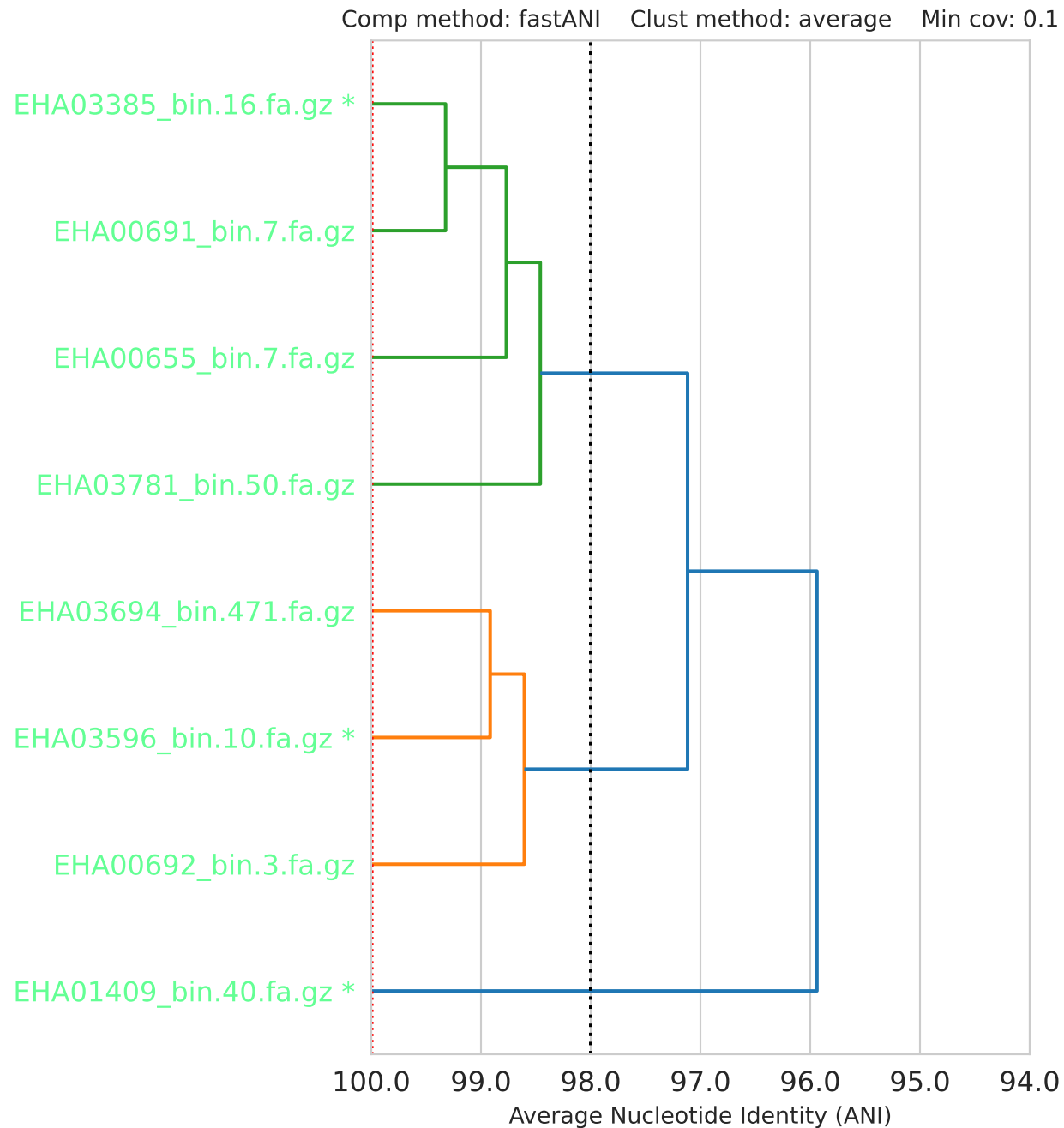
# Primary cluster 774



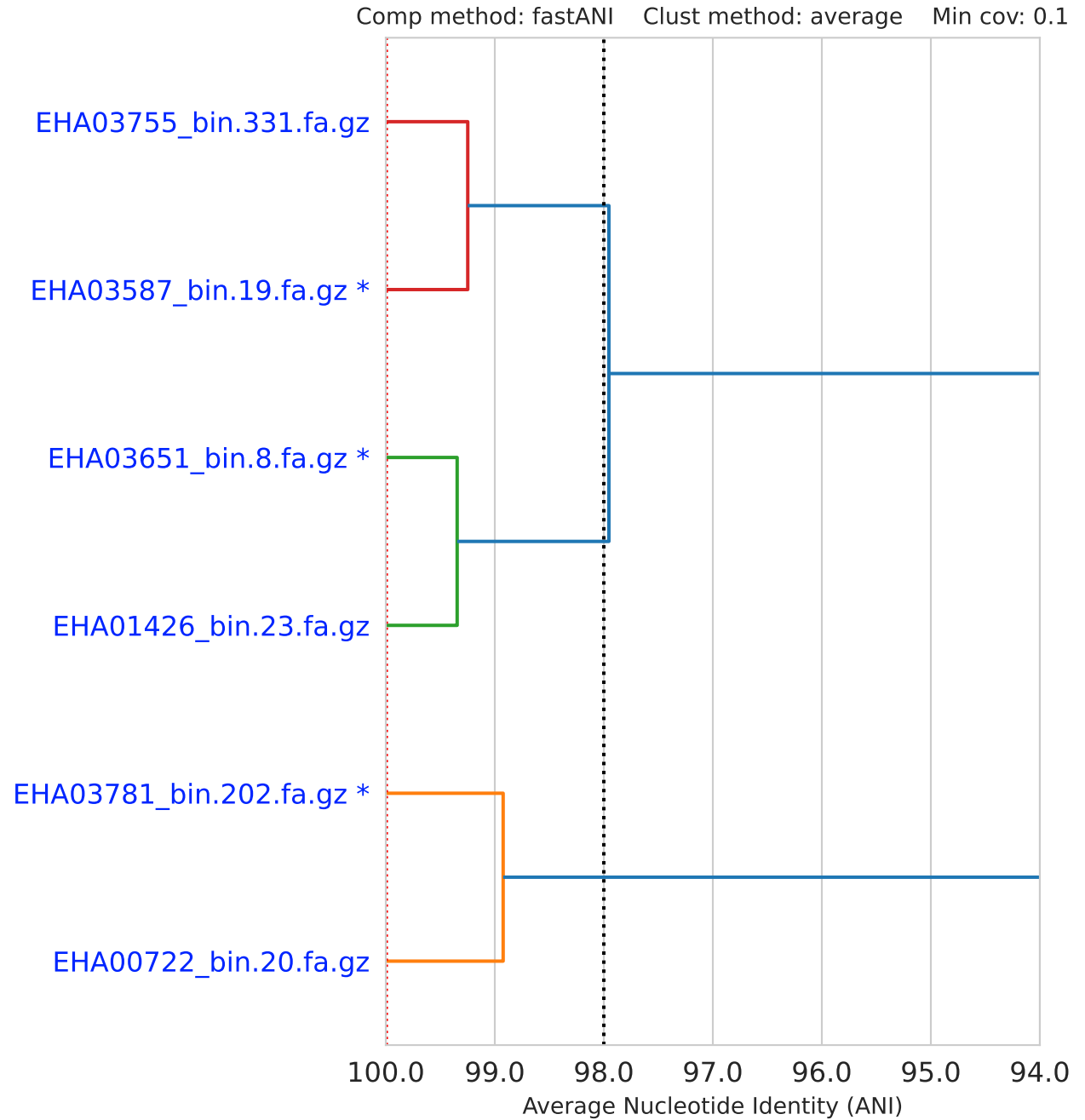
# Primary cluster 776



# Primary cluster 777

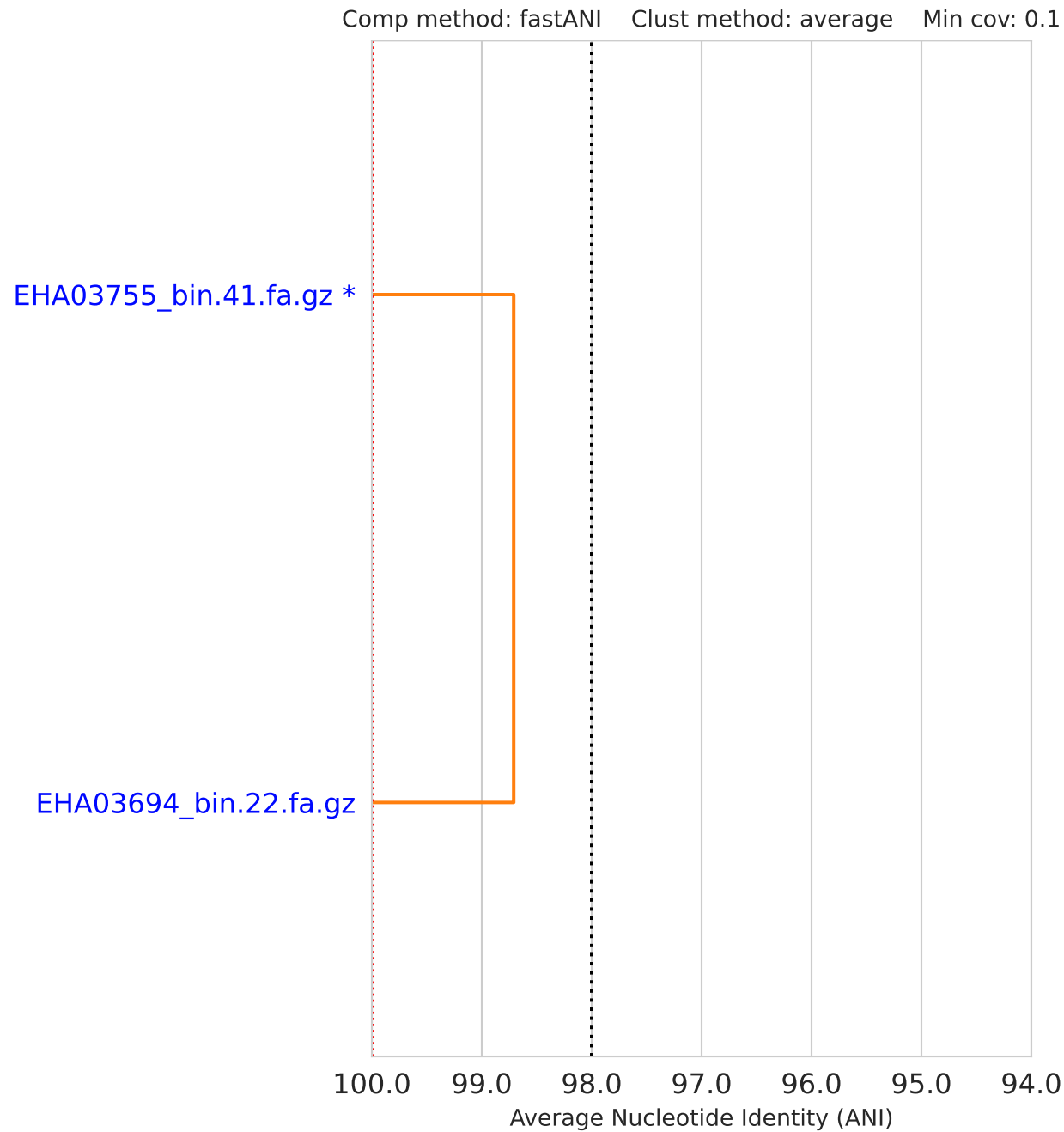


# Primary cluster 779

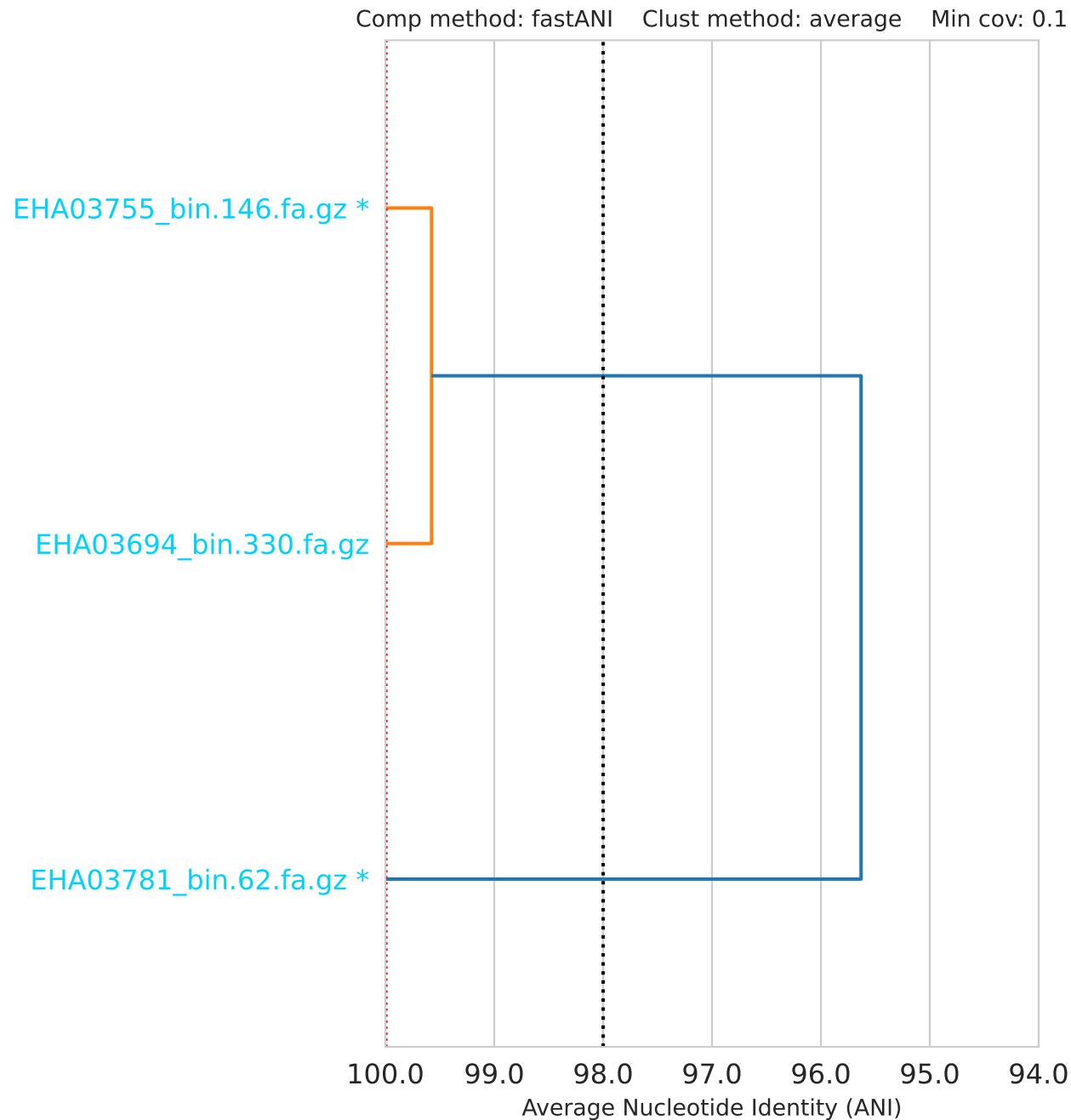




# Primary cluster 781



# Primary cluster 782



# Primary cluster 783

Comp method: fastANI

Clust method: average

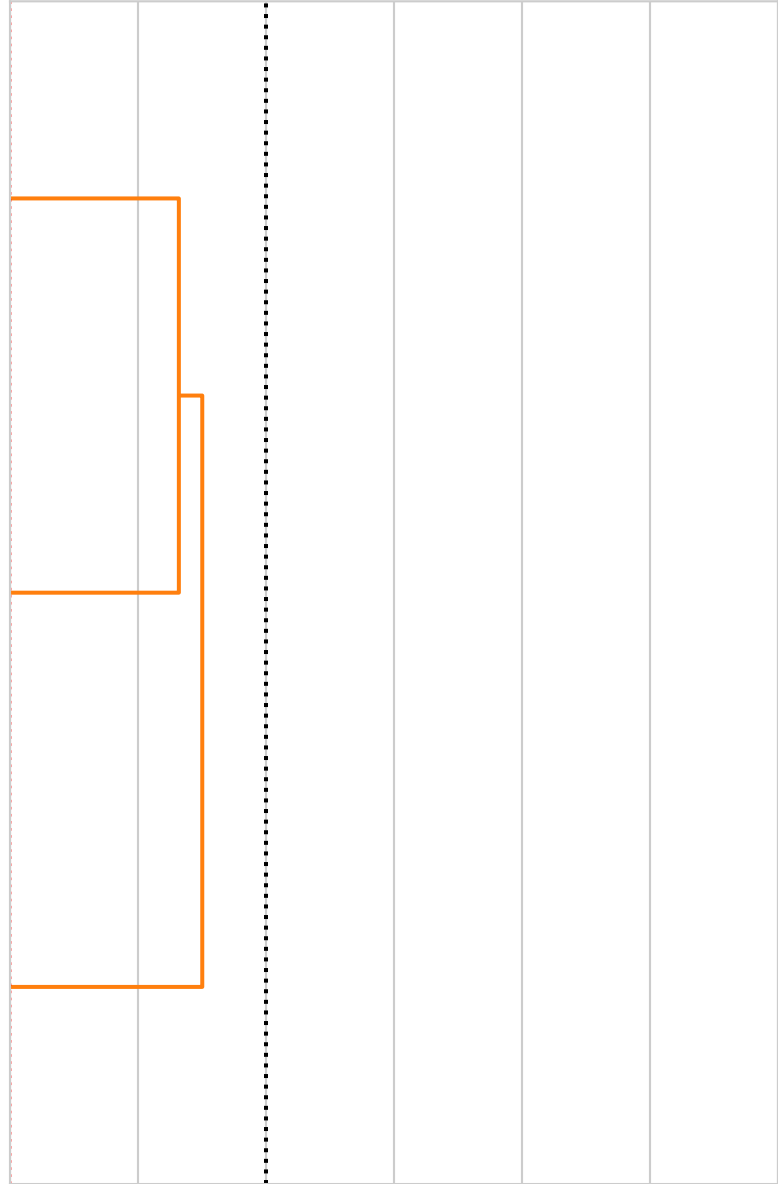
Min cov: 0.1

EHA03781\_bin.6.fa.gz \*

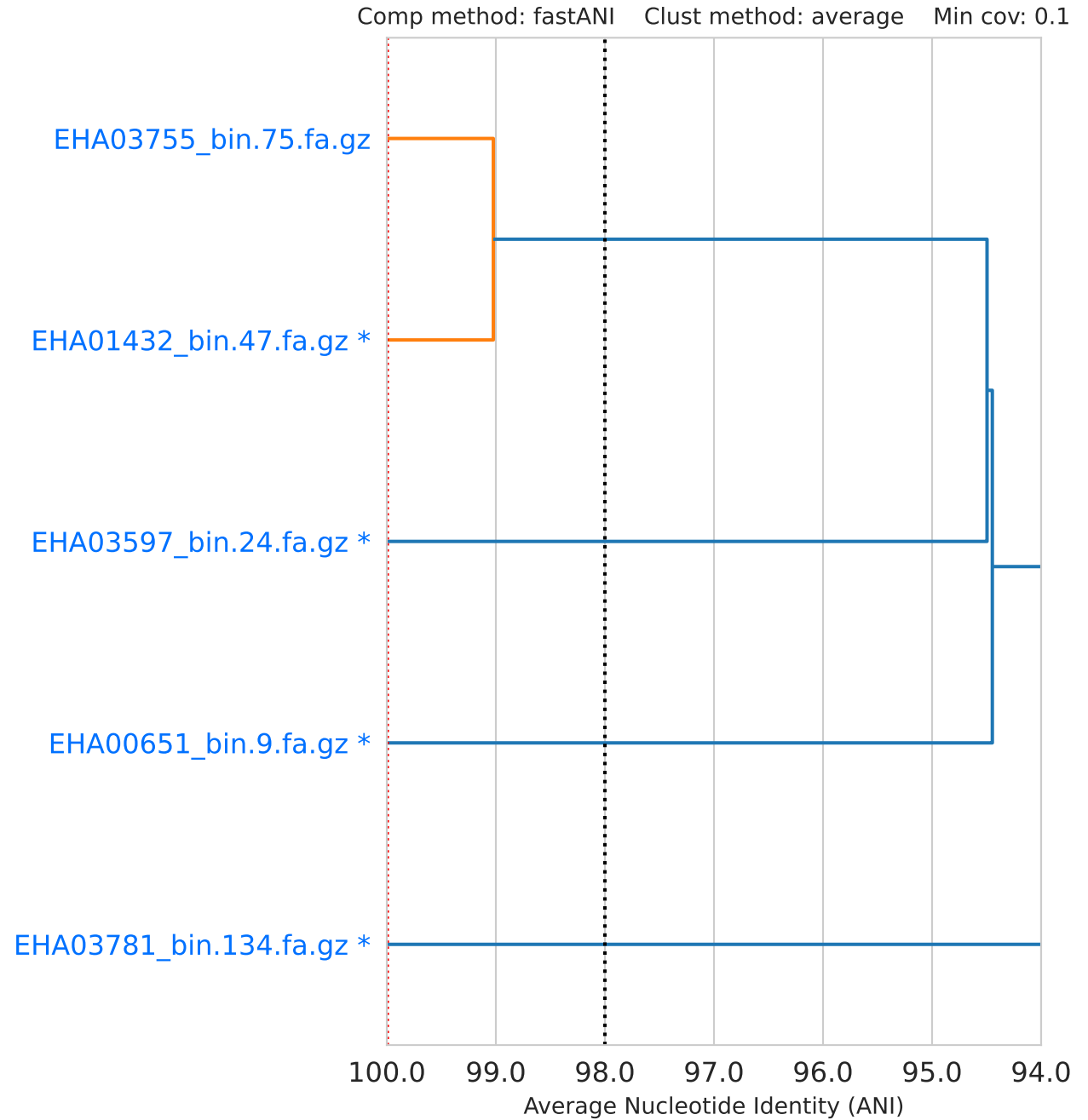
EHA03651\_bin.400.fa.gz

EHA00648\_bin.12.fa.gz

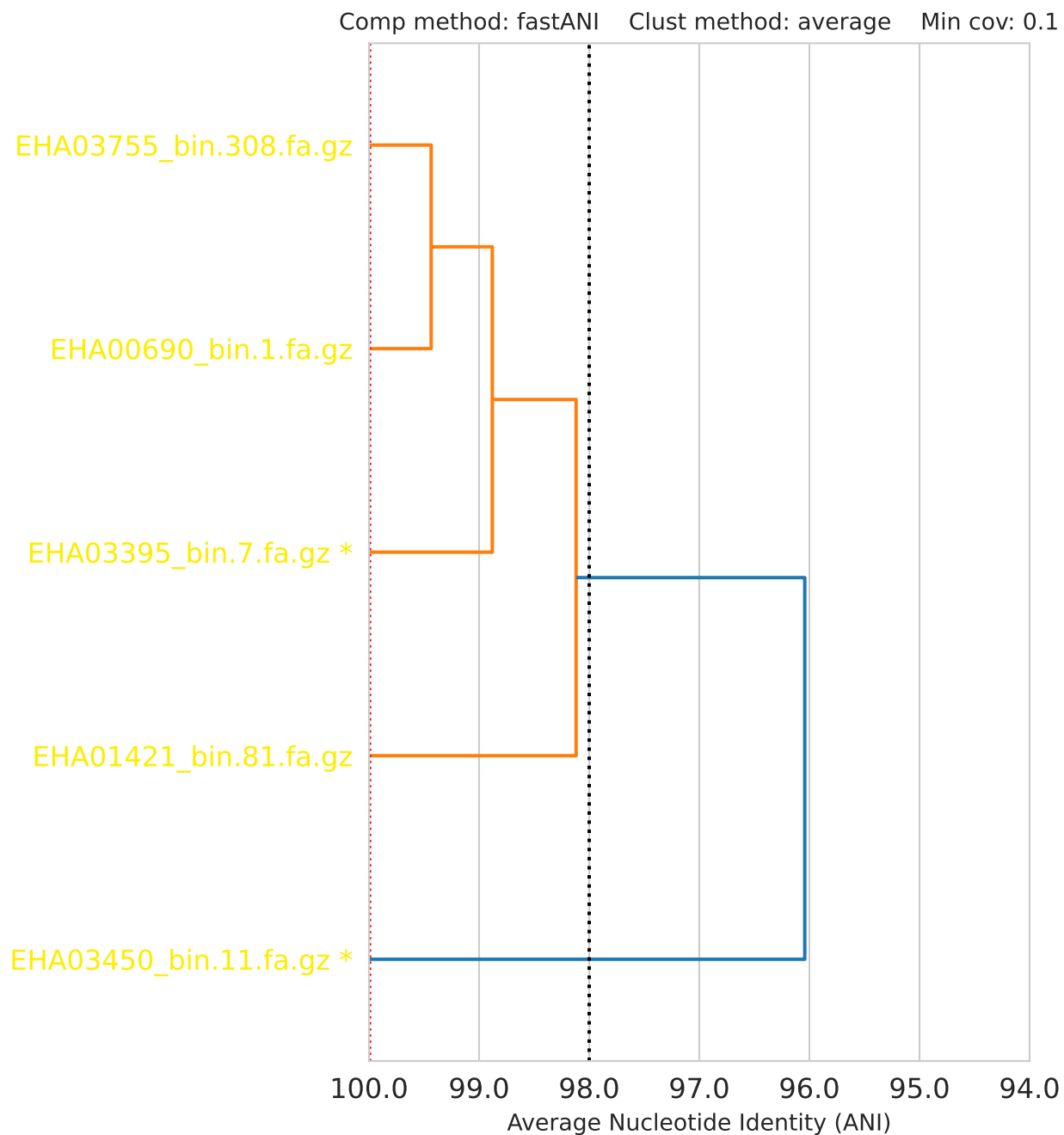
100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



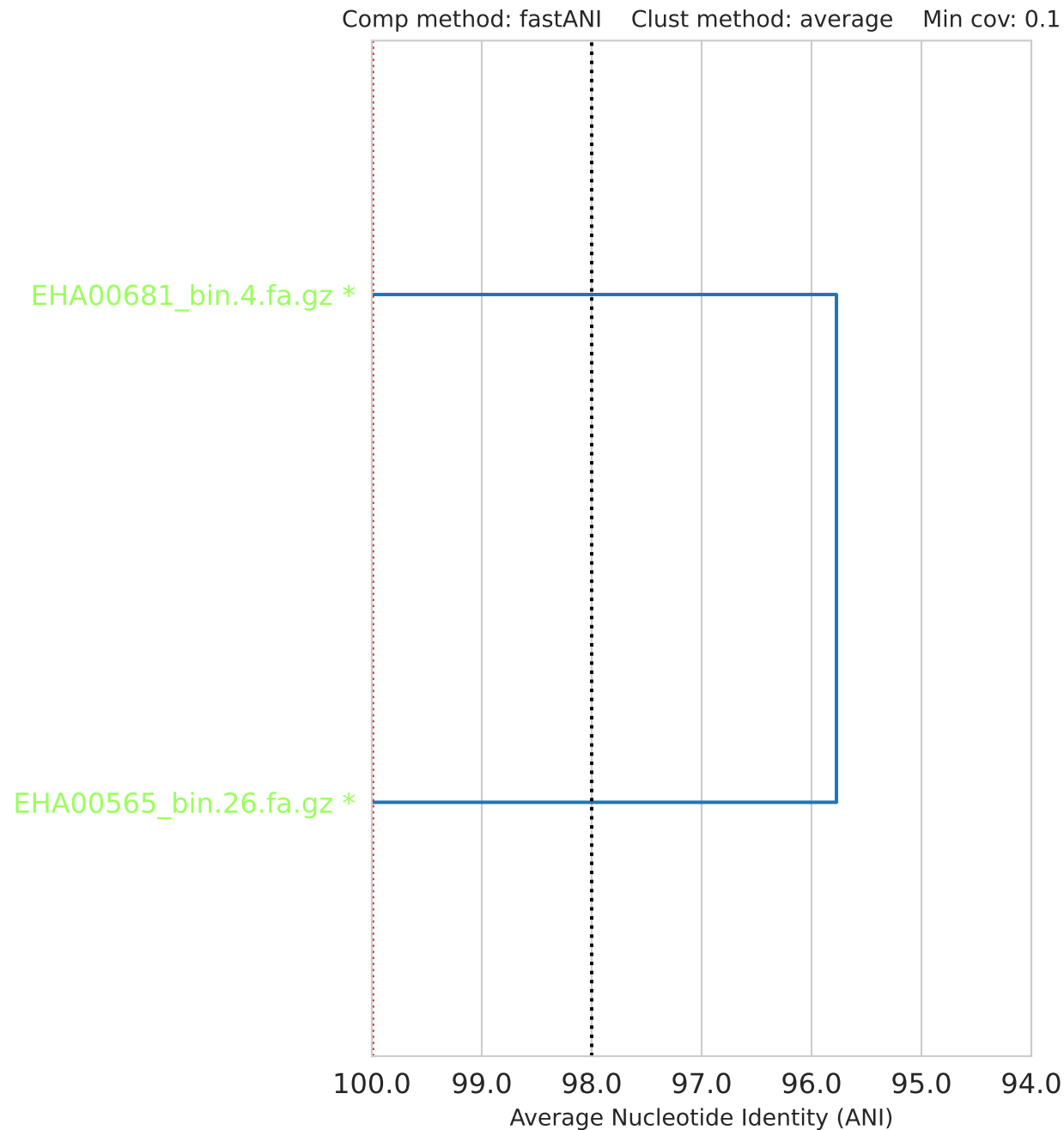
# Primary cluster 784



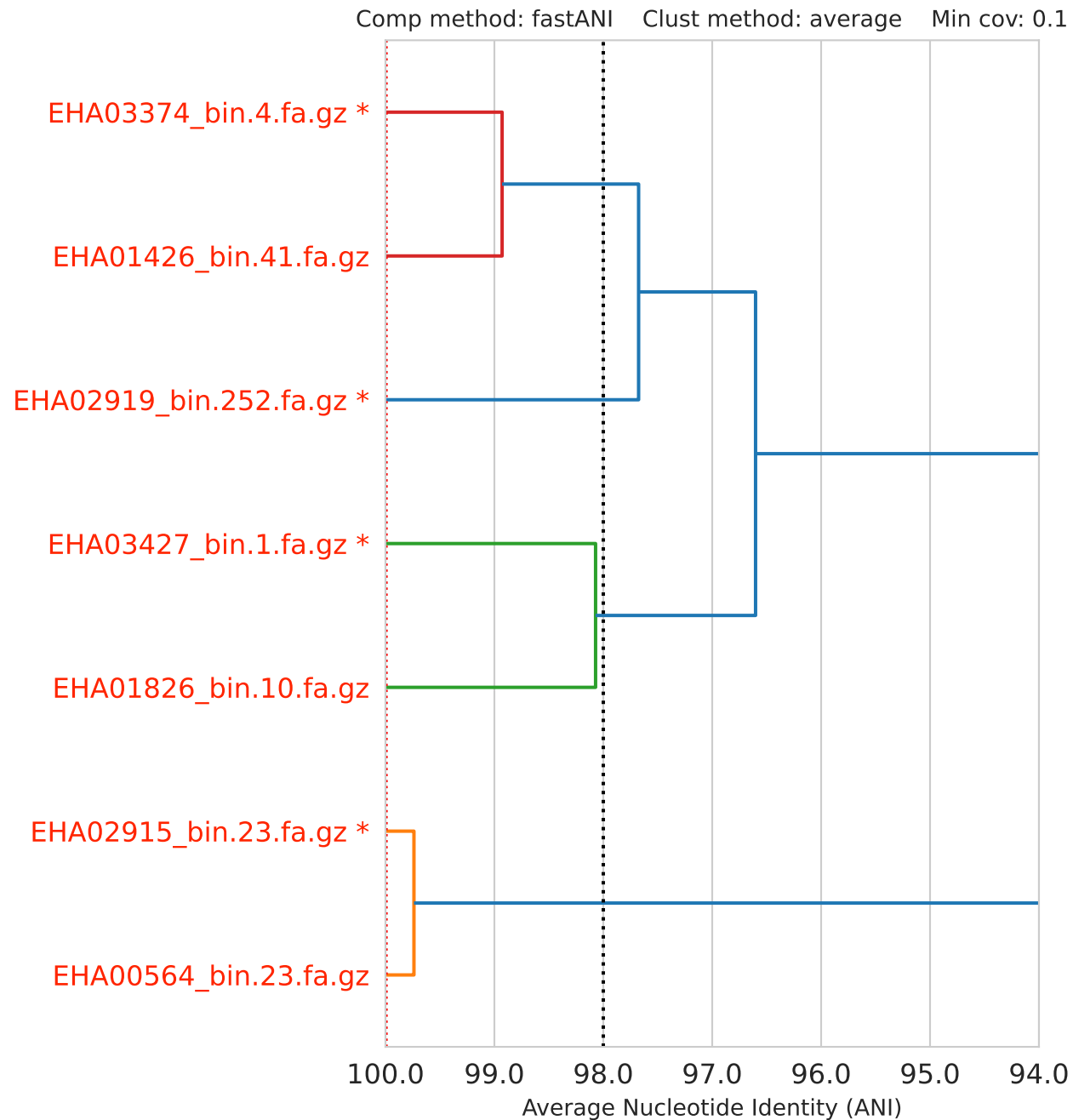
# Primary cluster 785



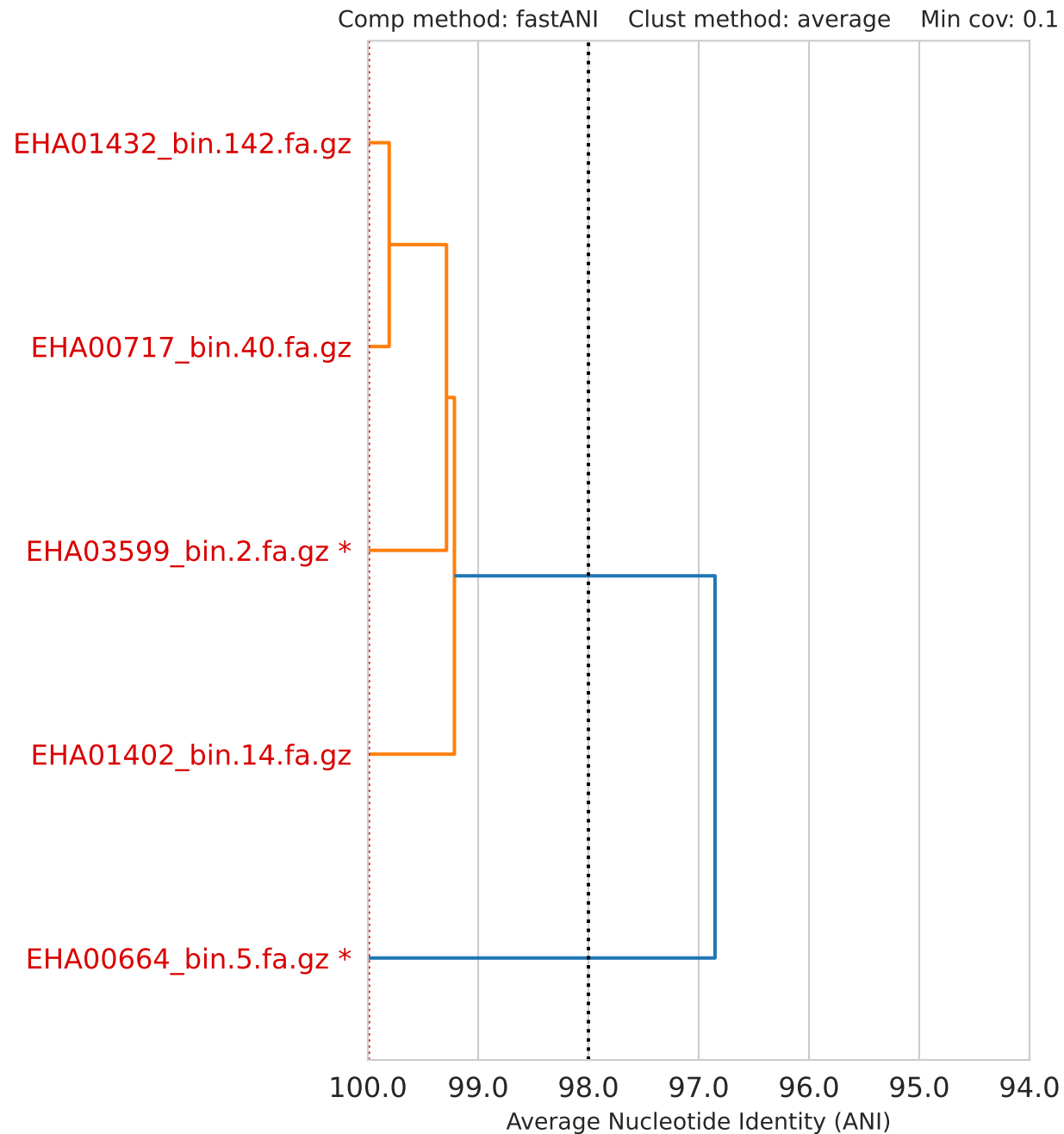
# Primary cluster 786



# Primary cluster 787

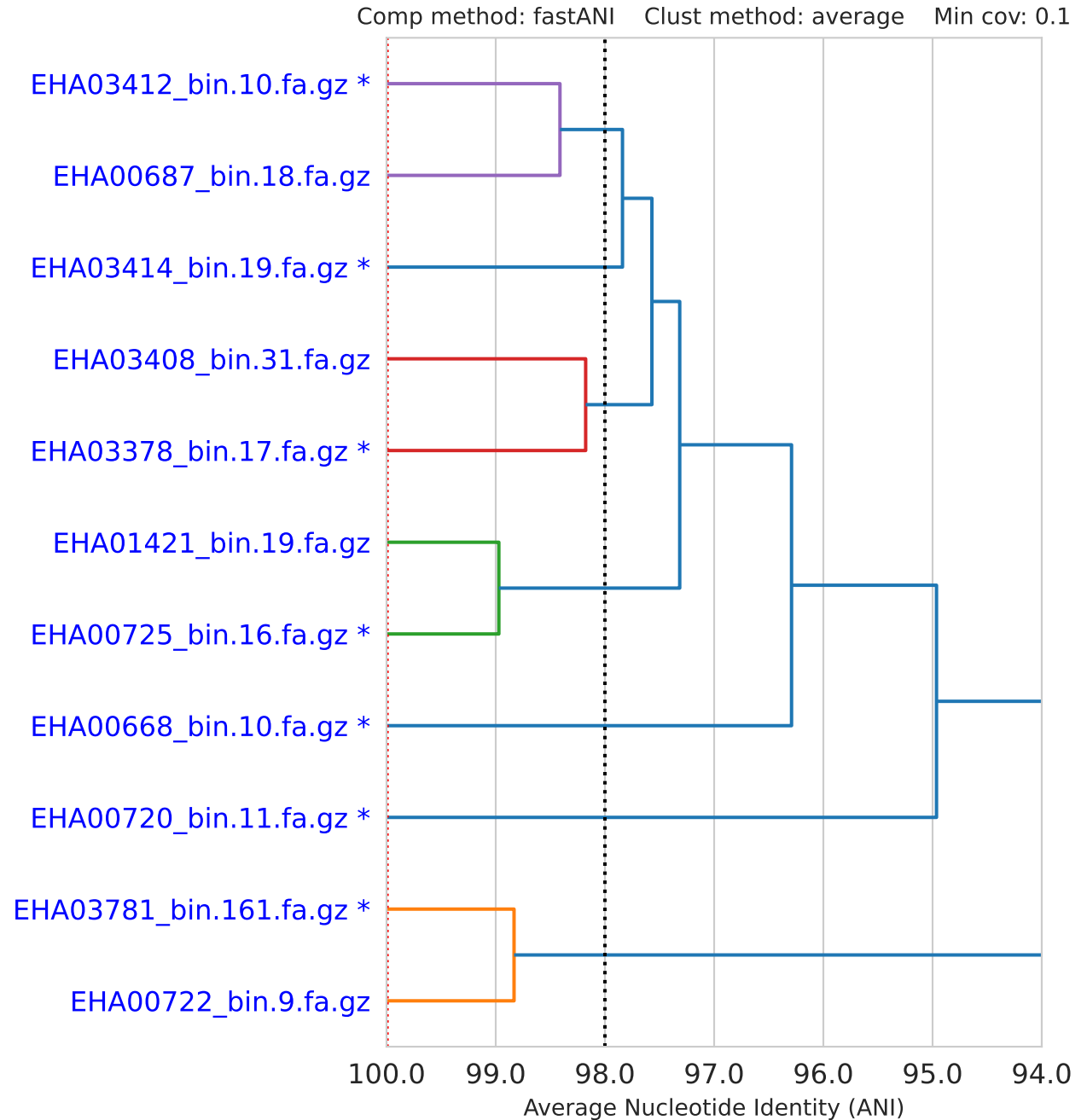


# Primary cluster 788

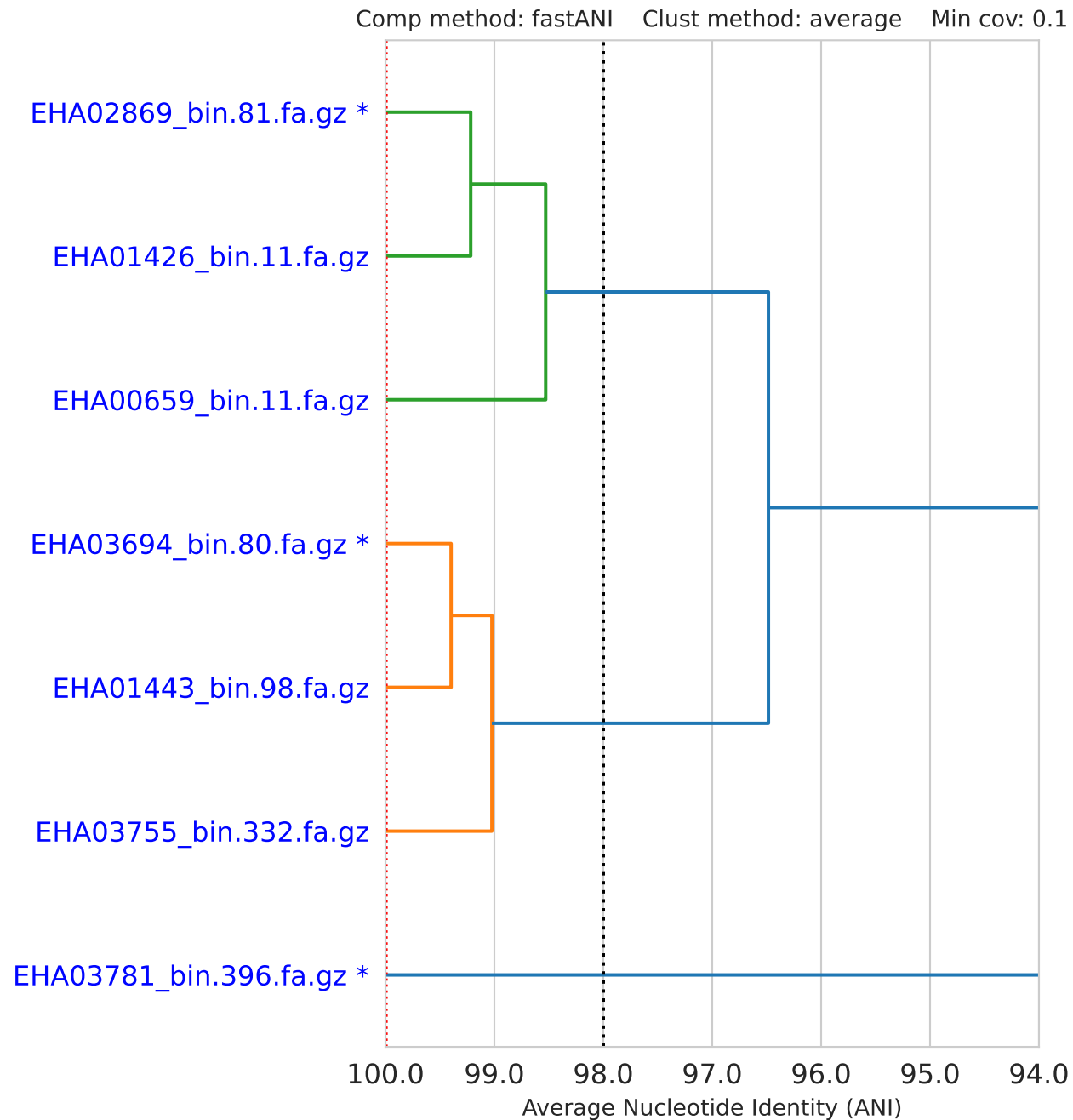




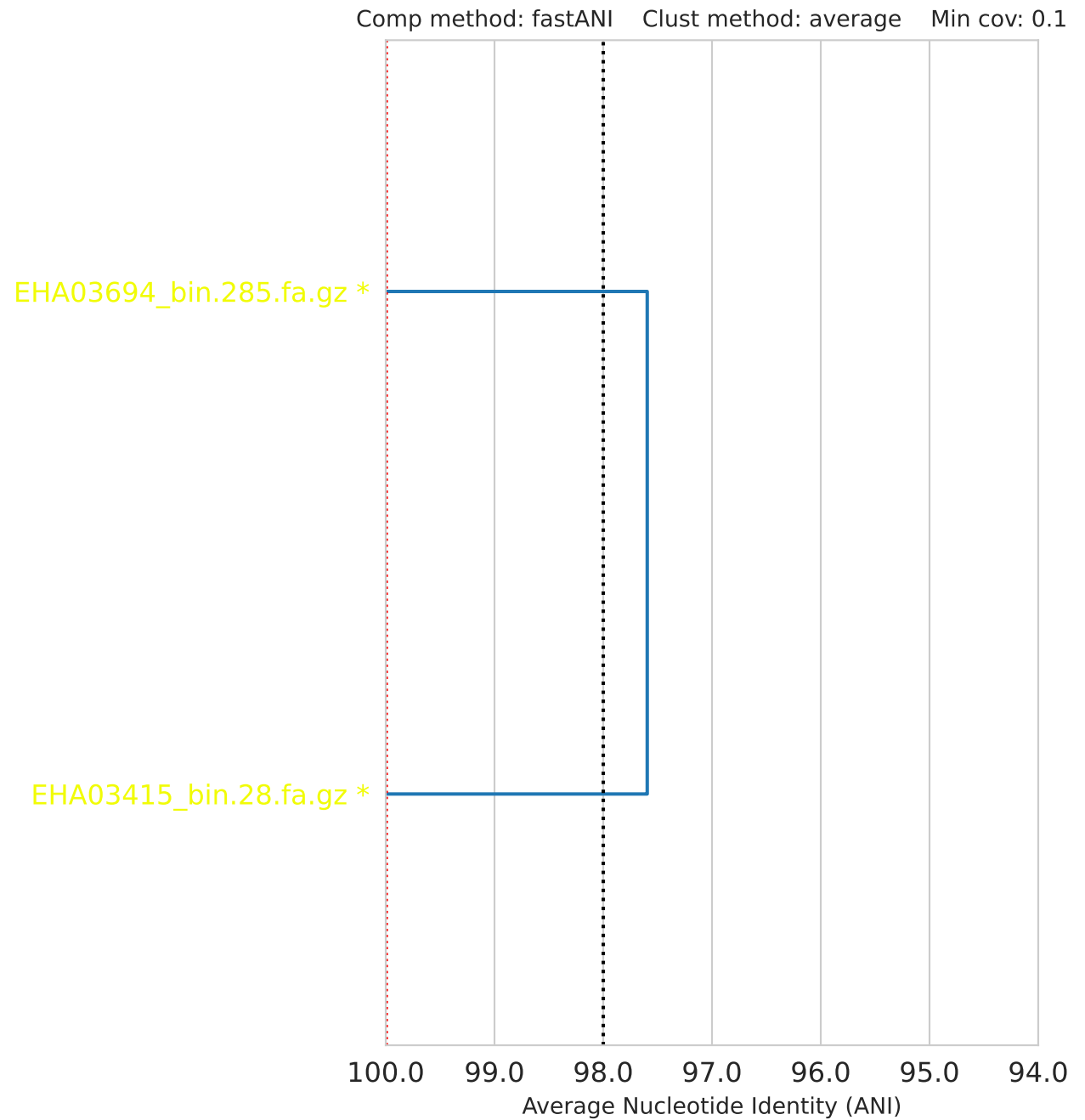
# Primary cluster 789



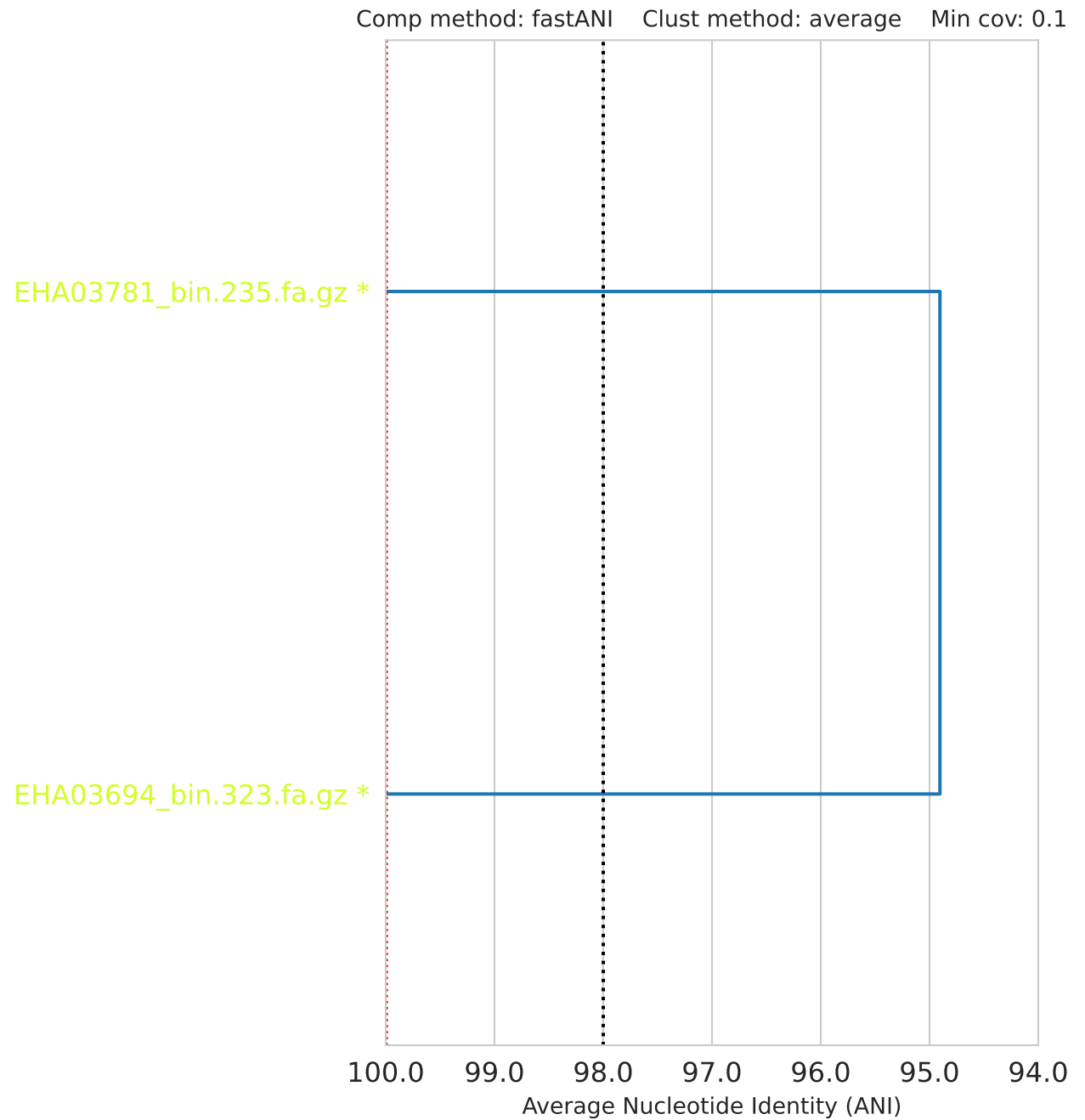
# Primary cluster 790



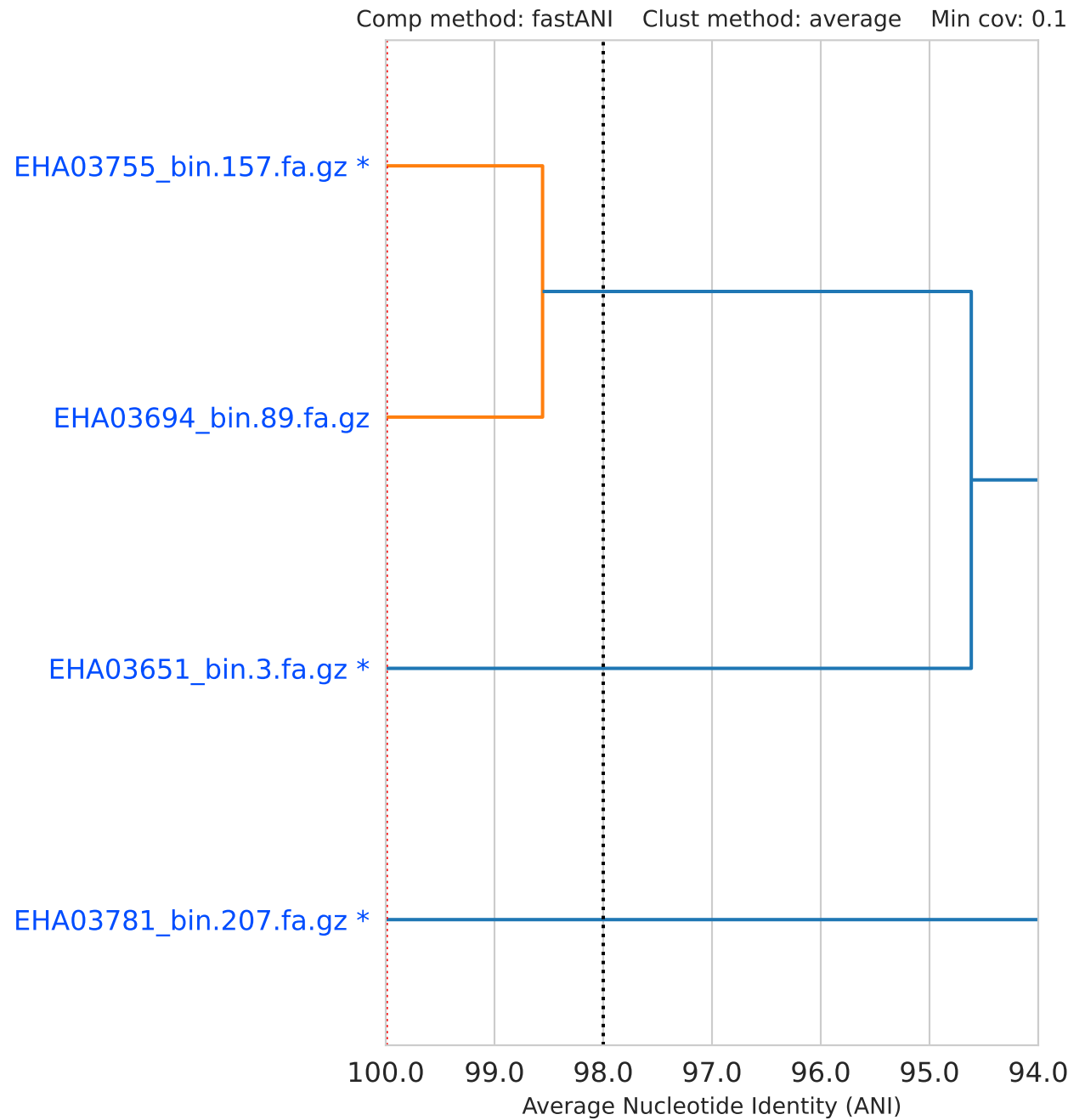
# Primary cluster 791



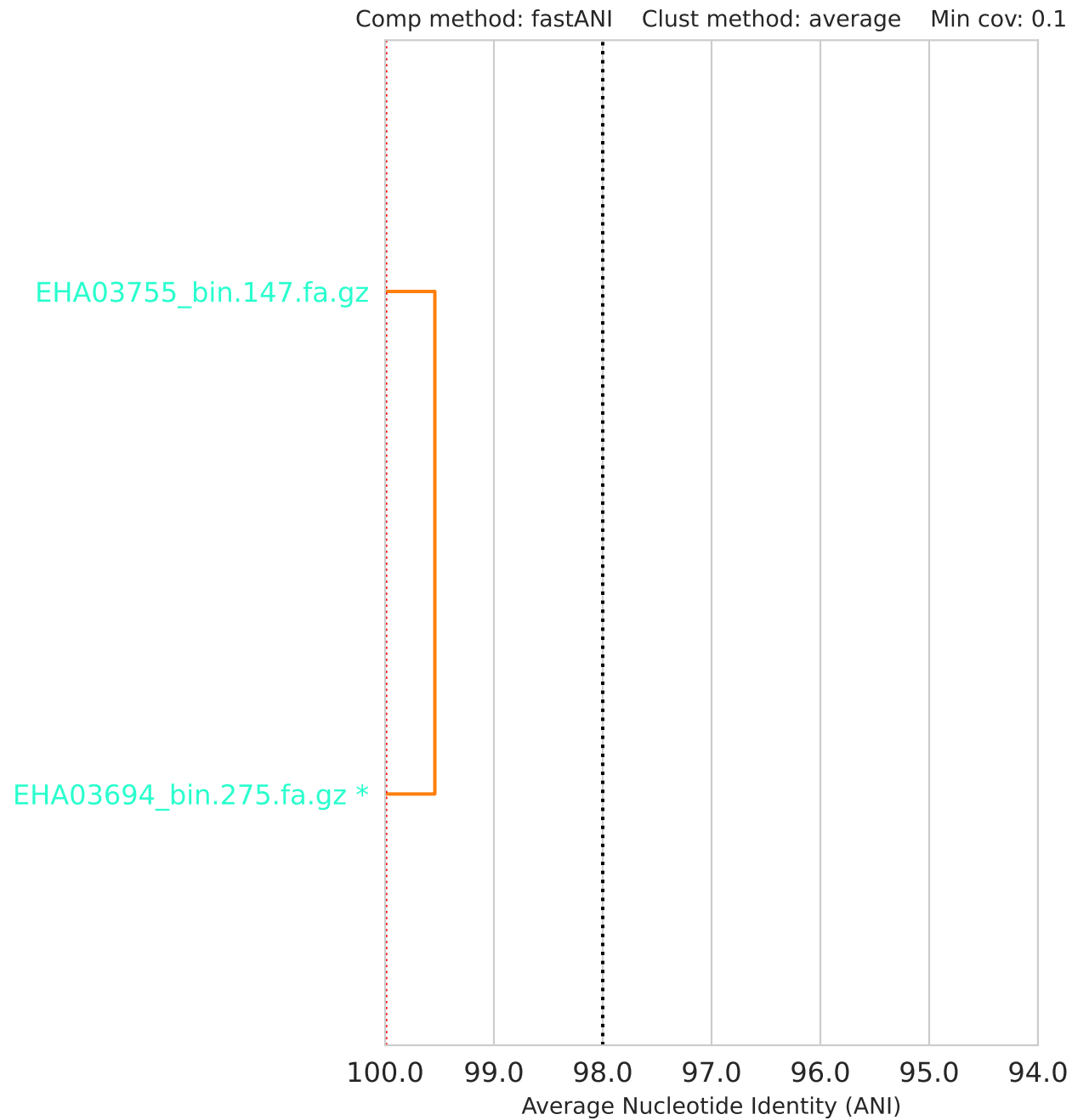
# Primary cluster 792



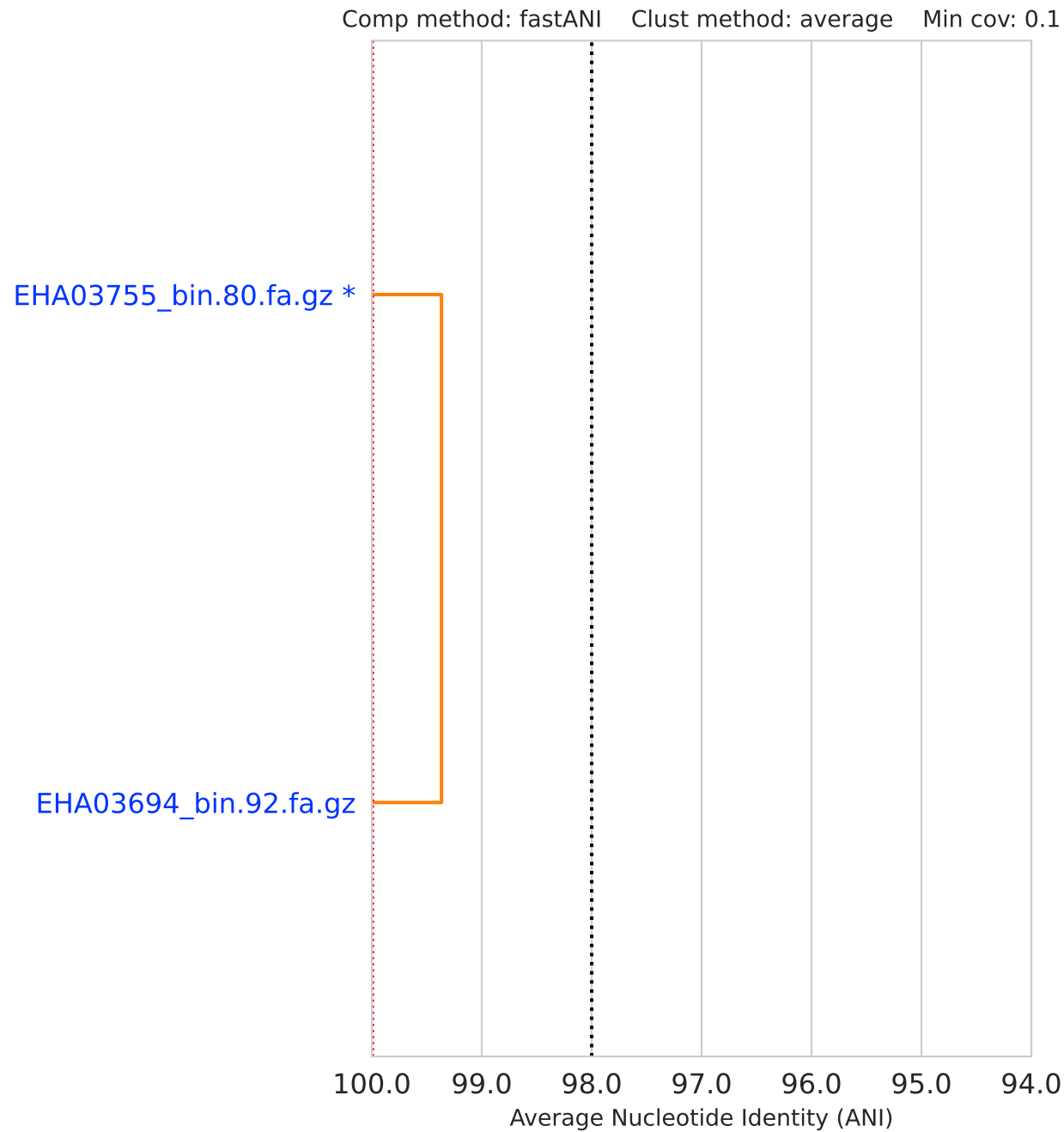
# Primary cluster 795



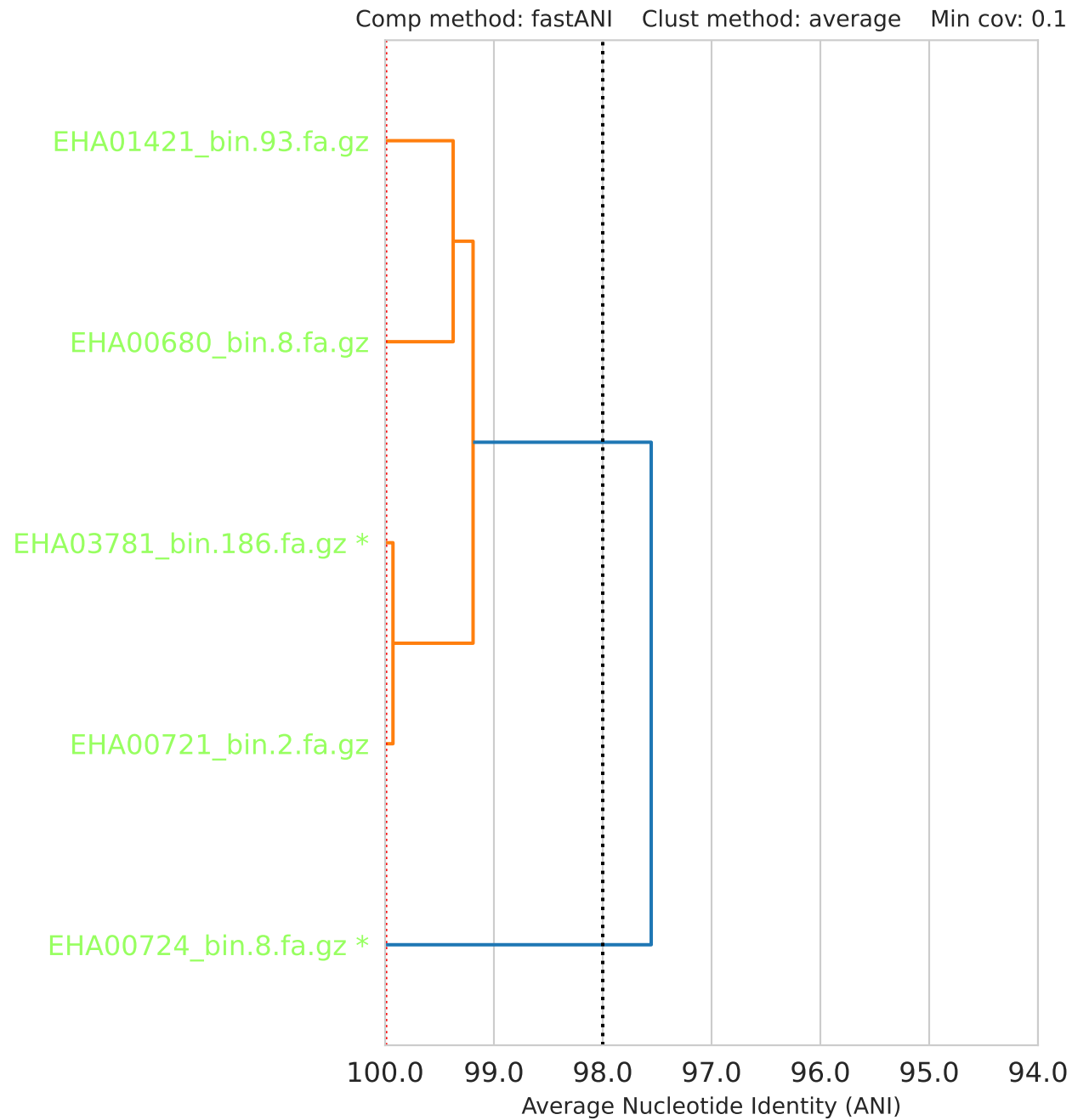
# Primary cluster 796



# Primary cluster 798

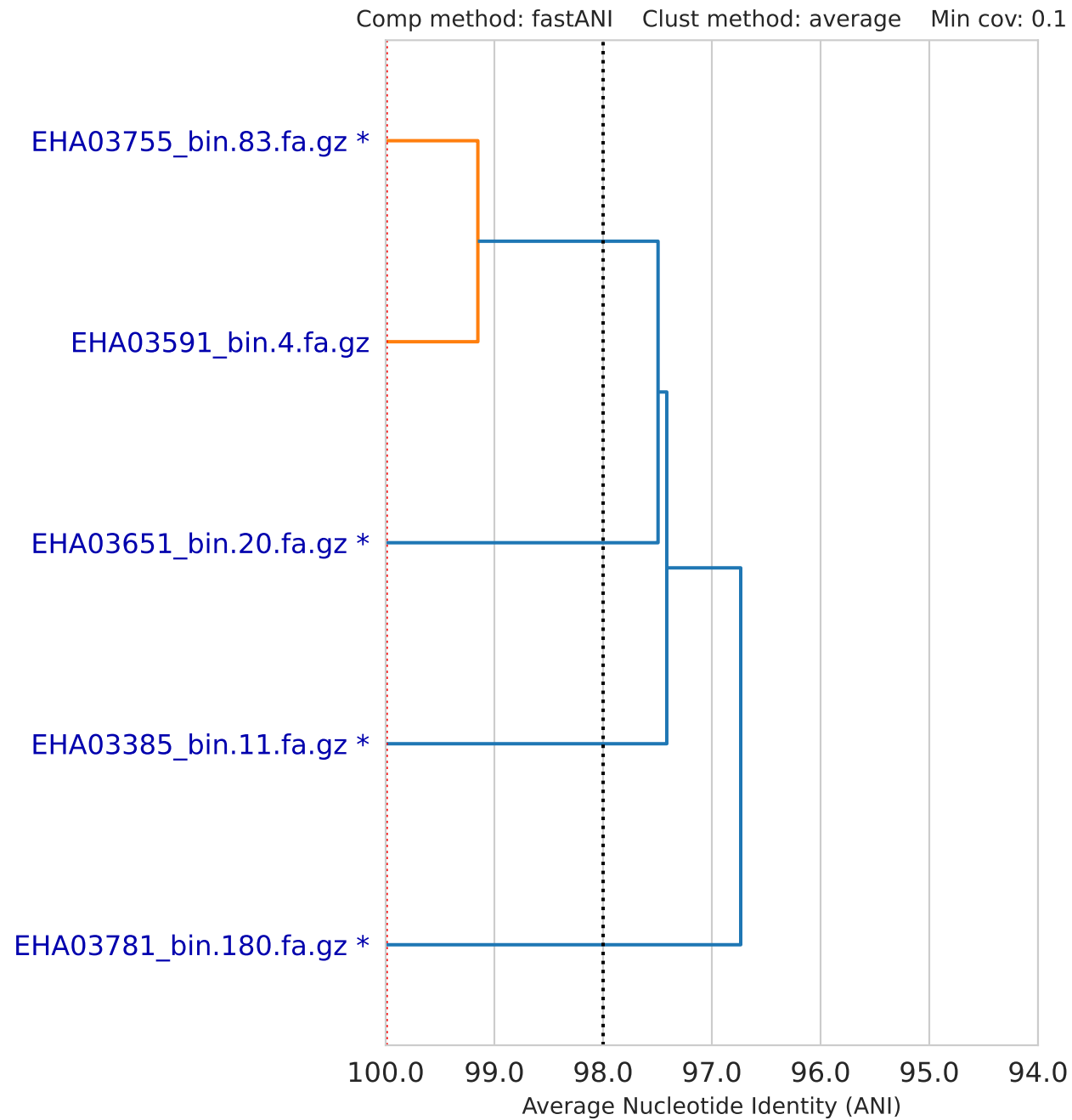


# Primary cluster 799

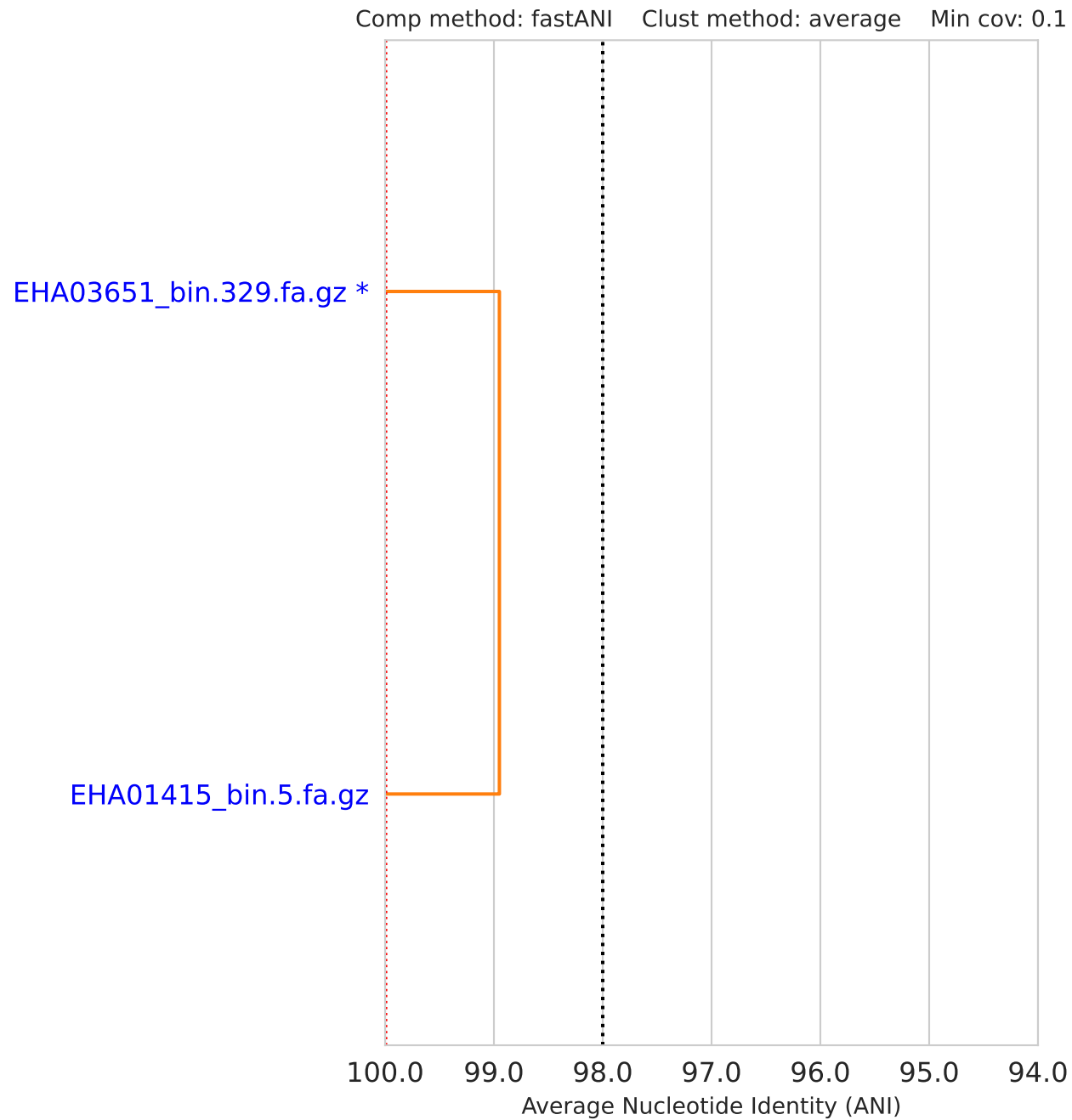




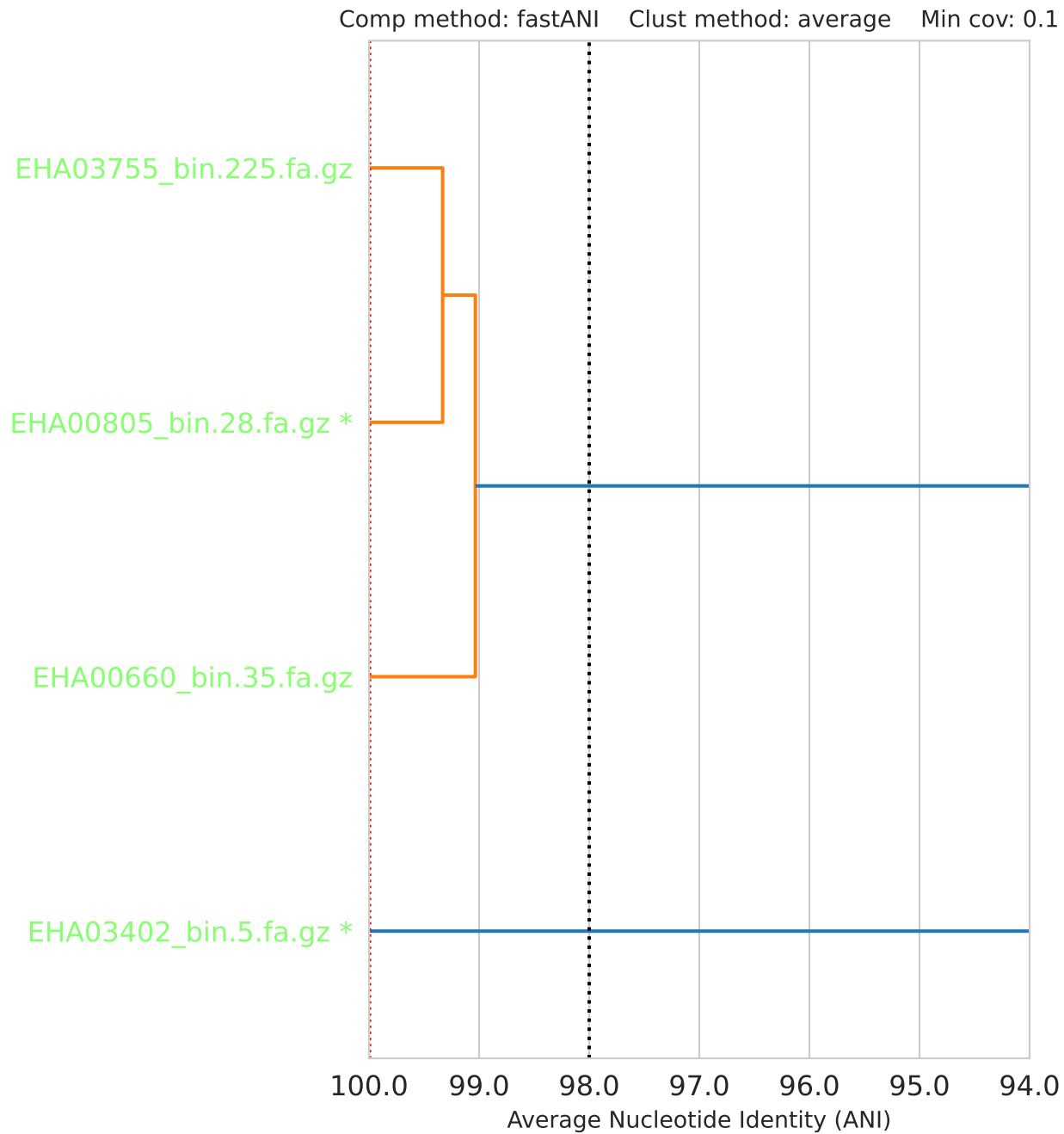
# Primary cluster 800



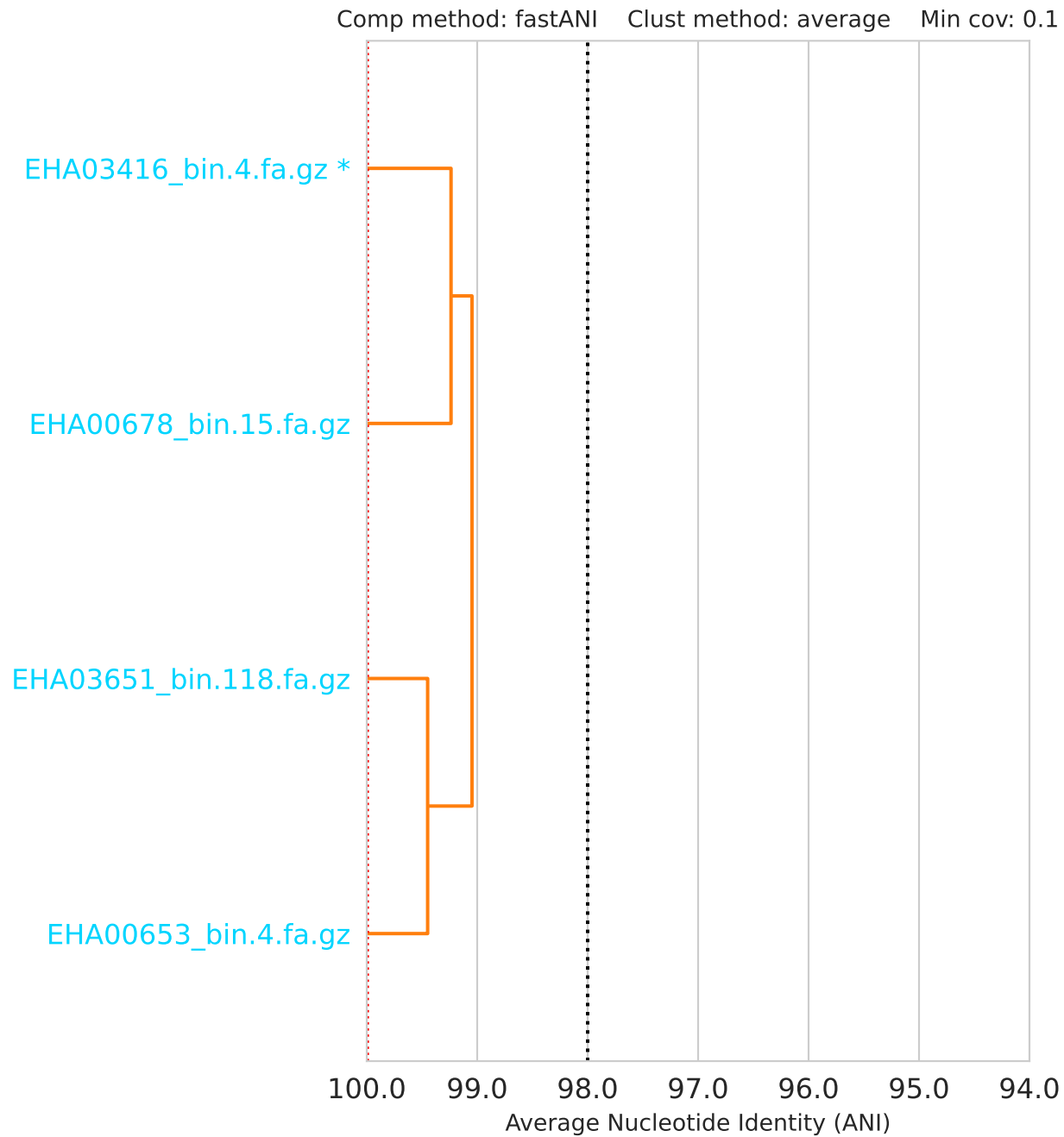
# Primary cluster 801



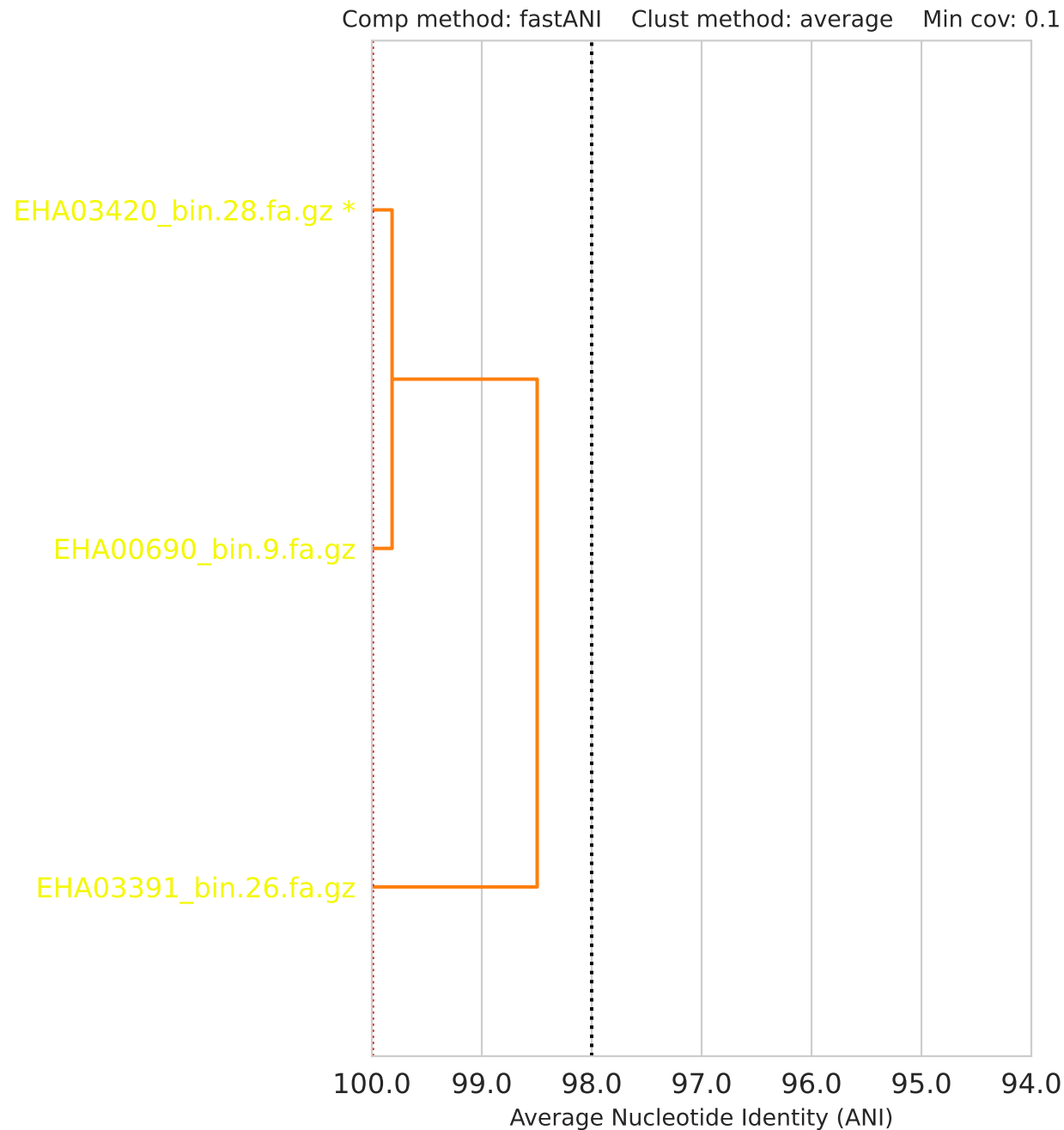
# Primary cluster 802



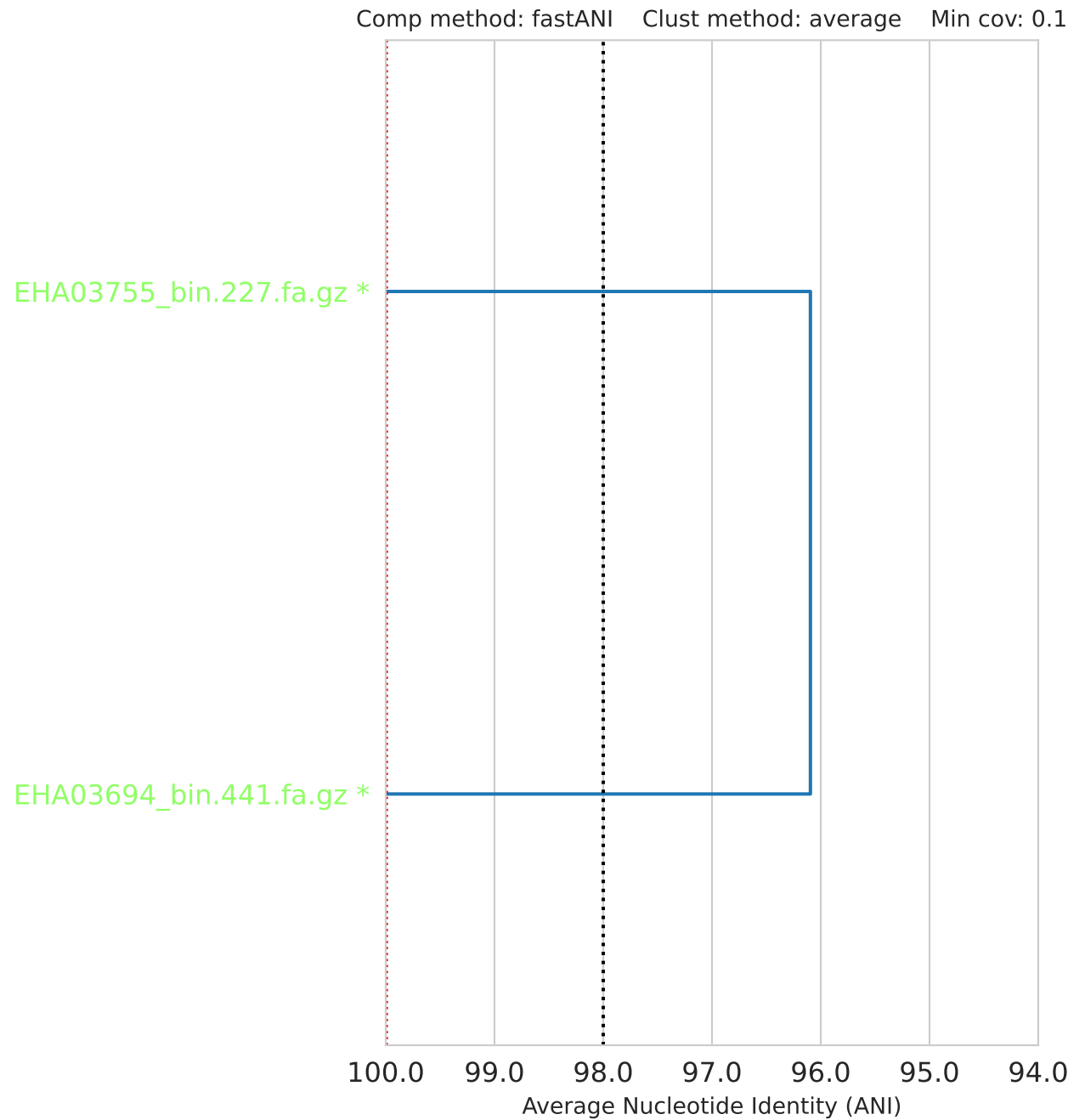
# Primary cluster 803



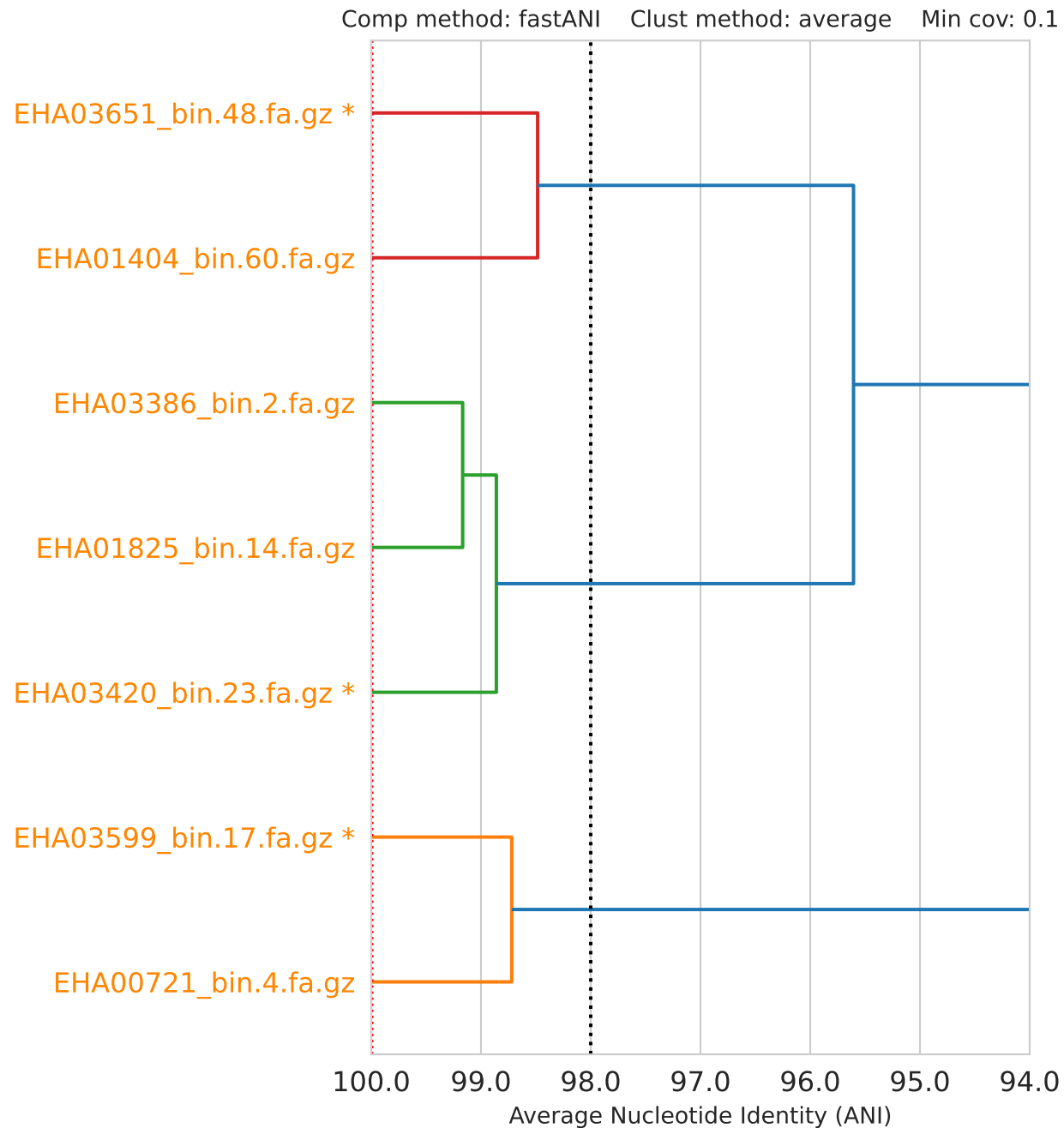
# Primary cluster 805



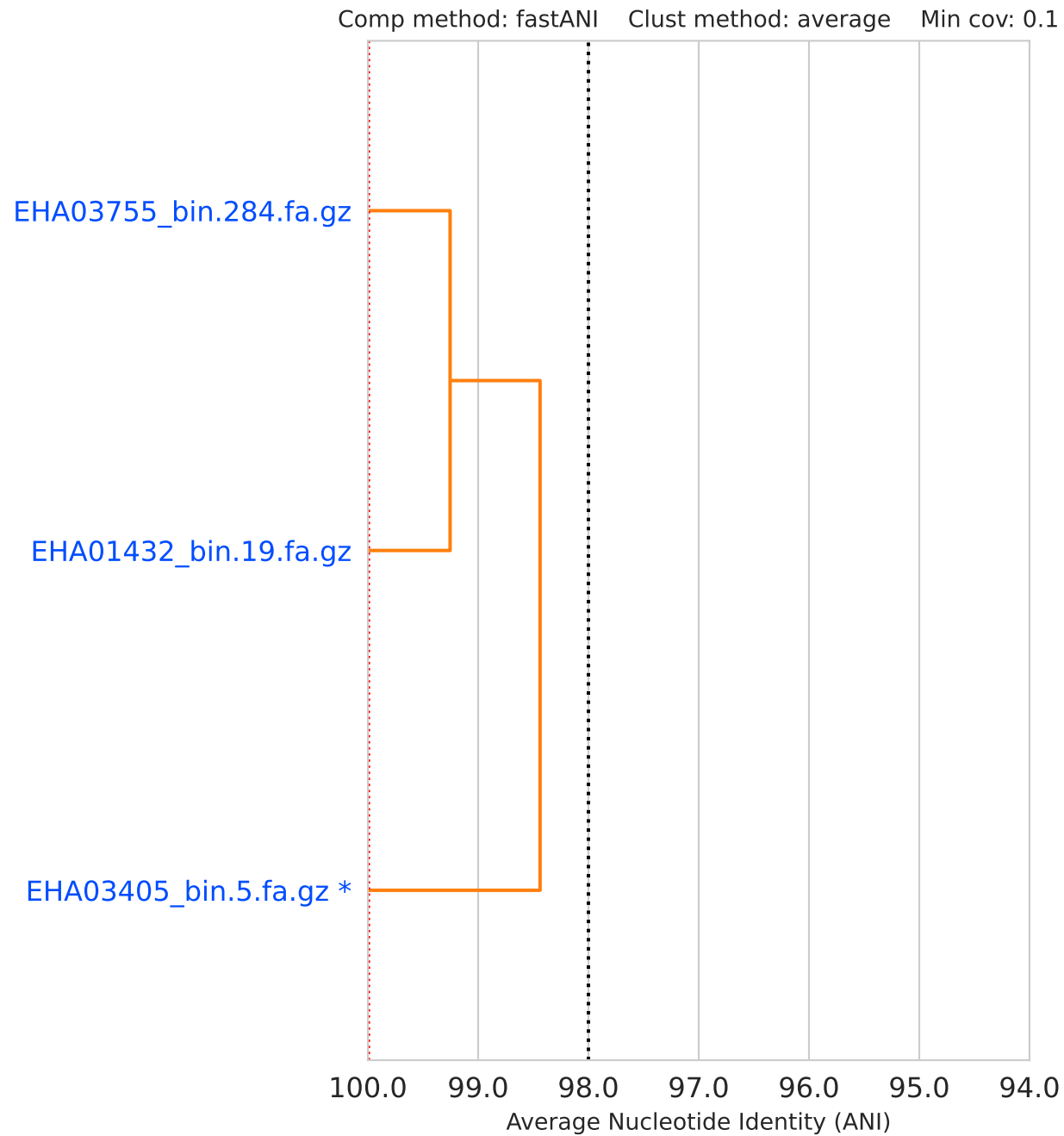
# Primary cluster 808



# Primary cluster 809

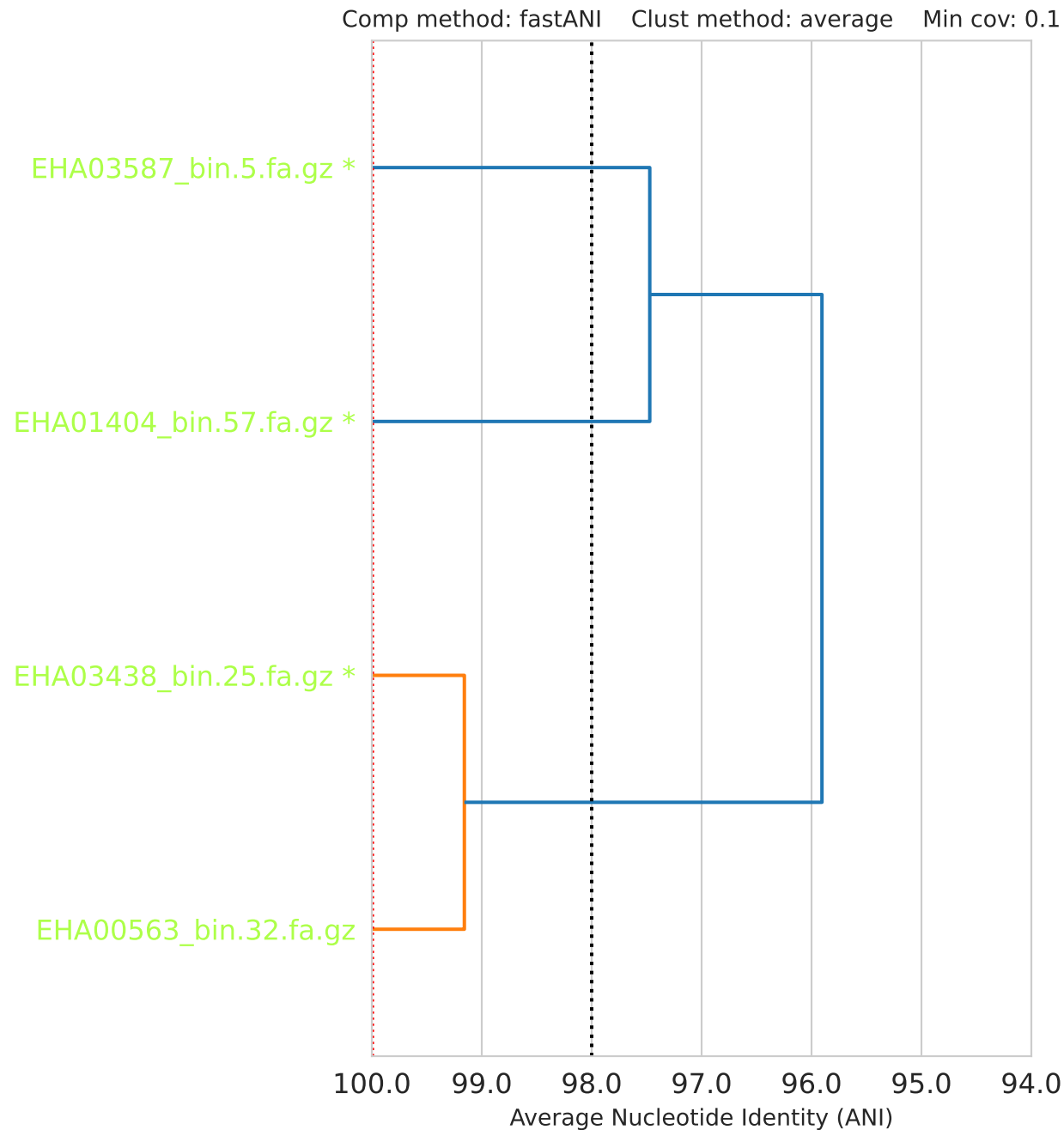


# Primary cluster 812

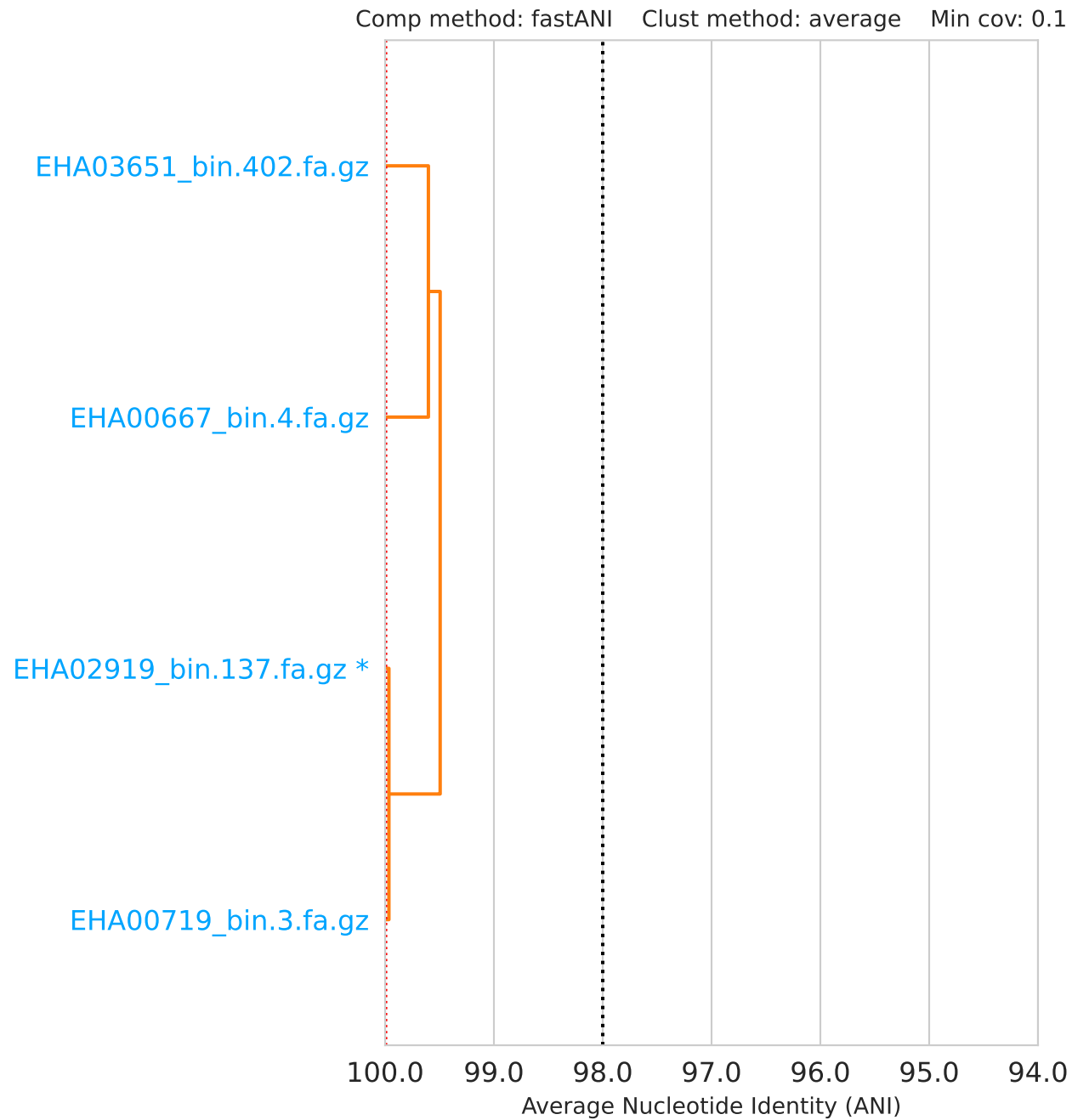




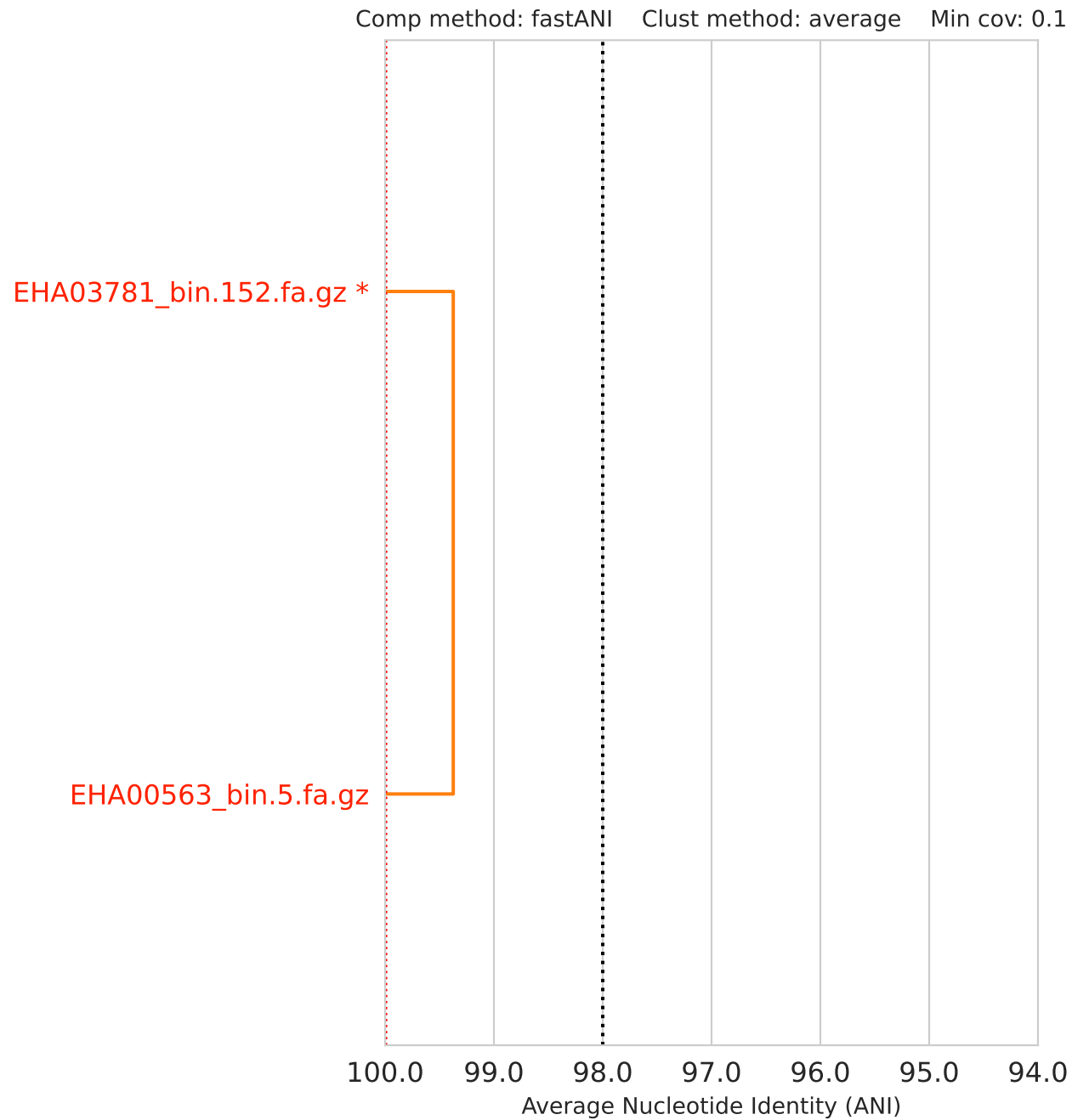
# Primary cluster 813



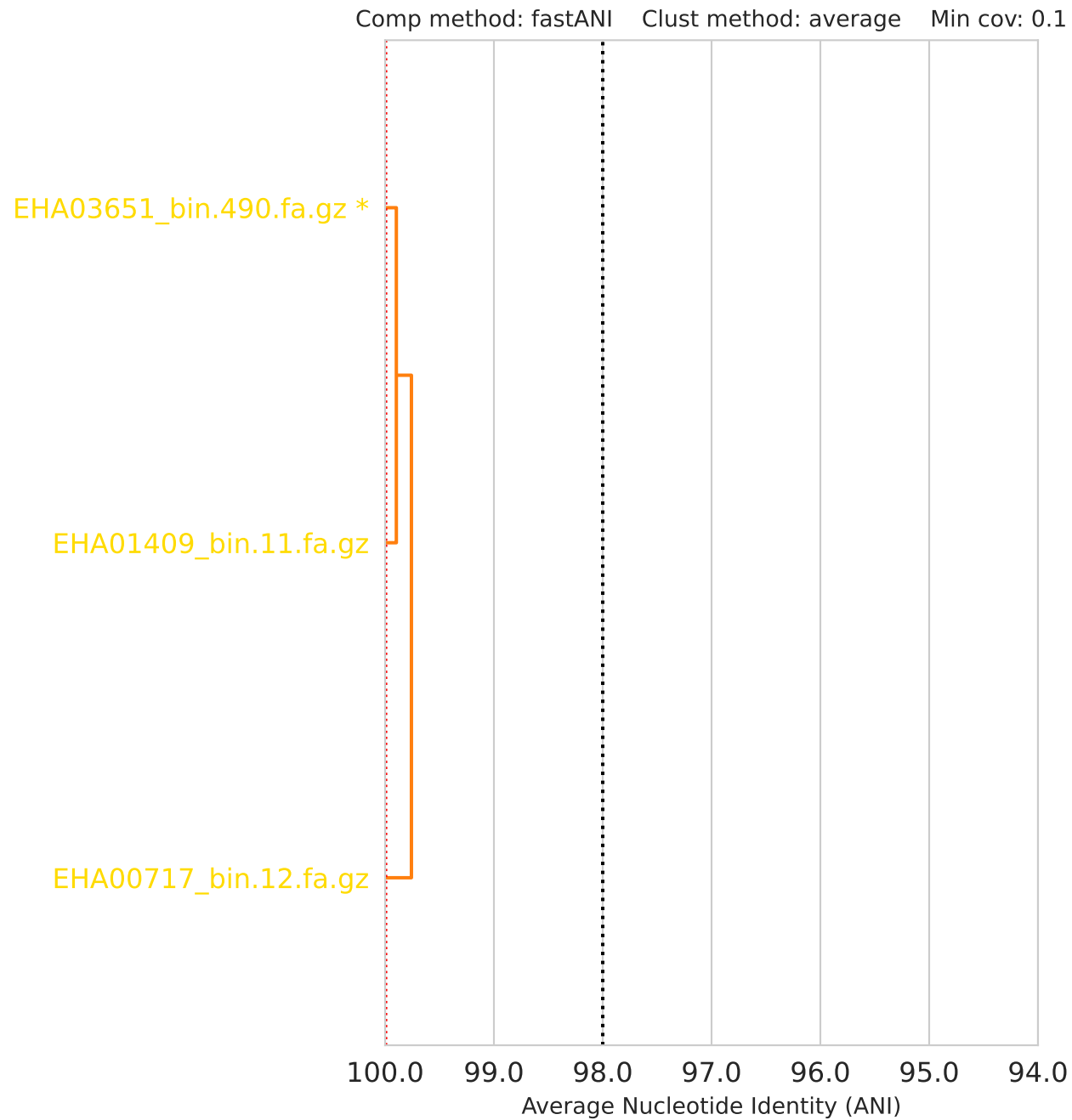
# Primary cluster 816



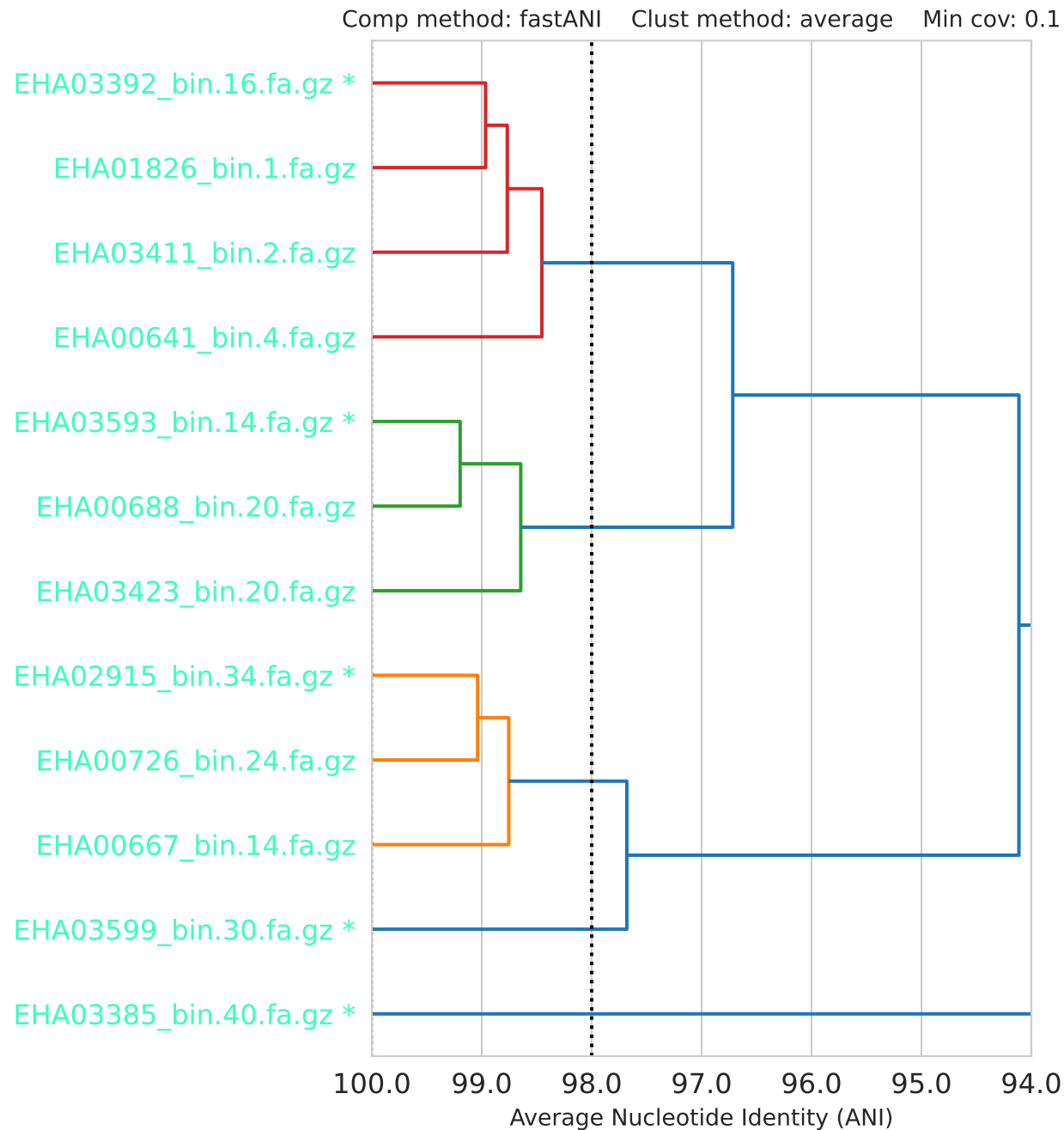
# Primary cluster 817



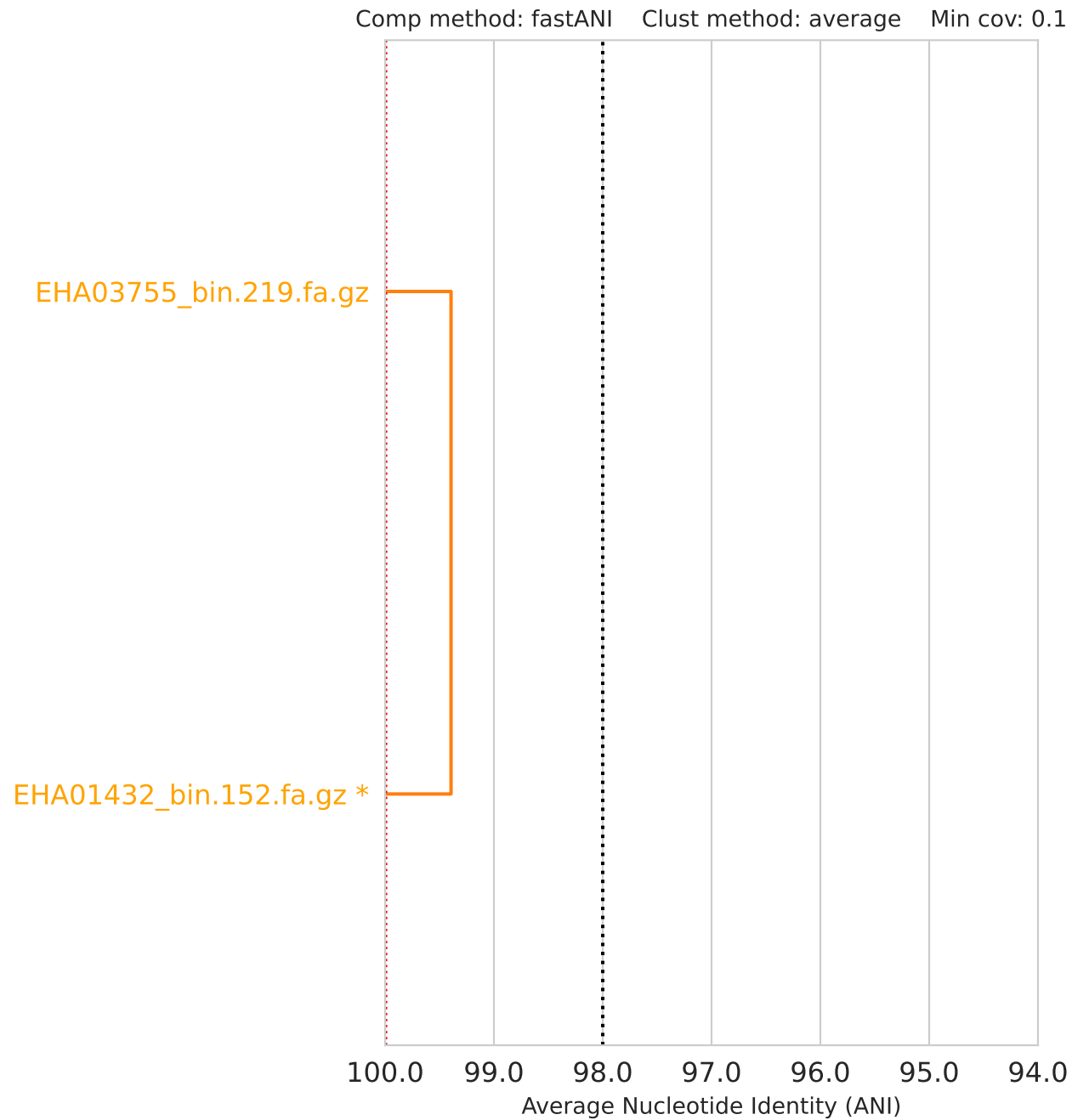
# Primary cluster 819



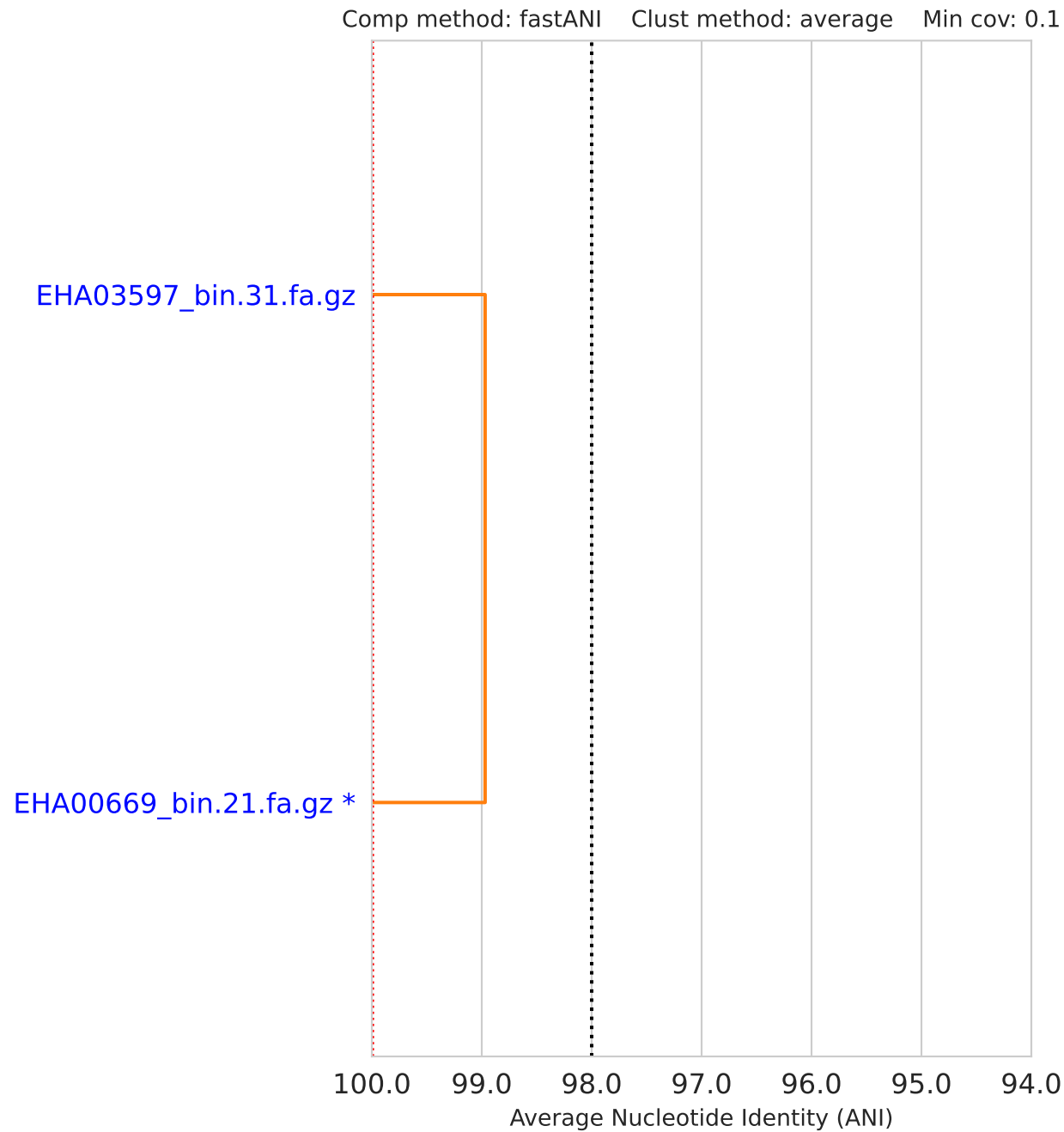
# Primary cluster 820



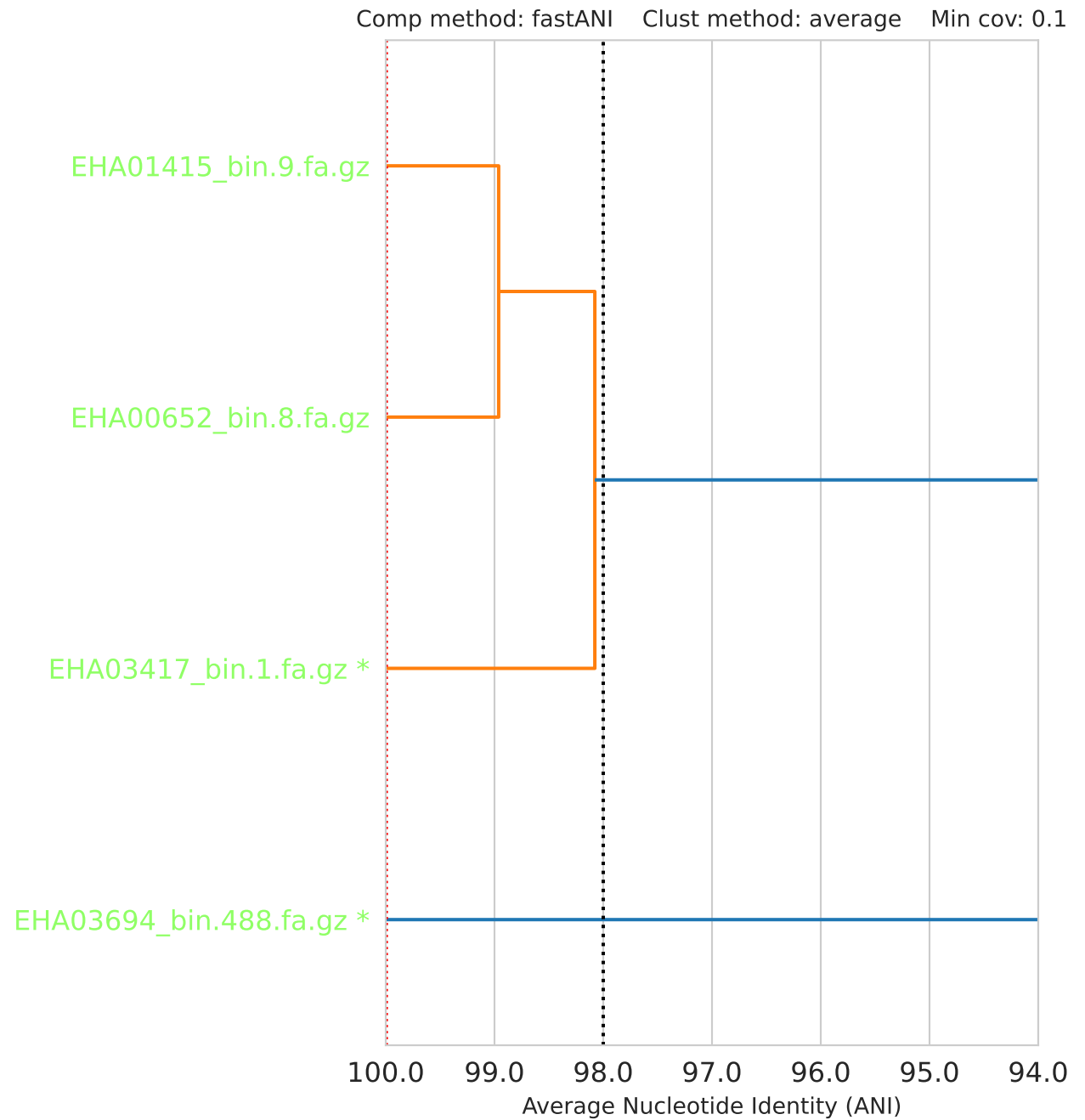
# Primary cluster 826



# Primary cluster 827

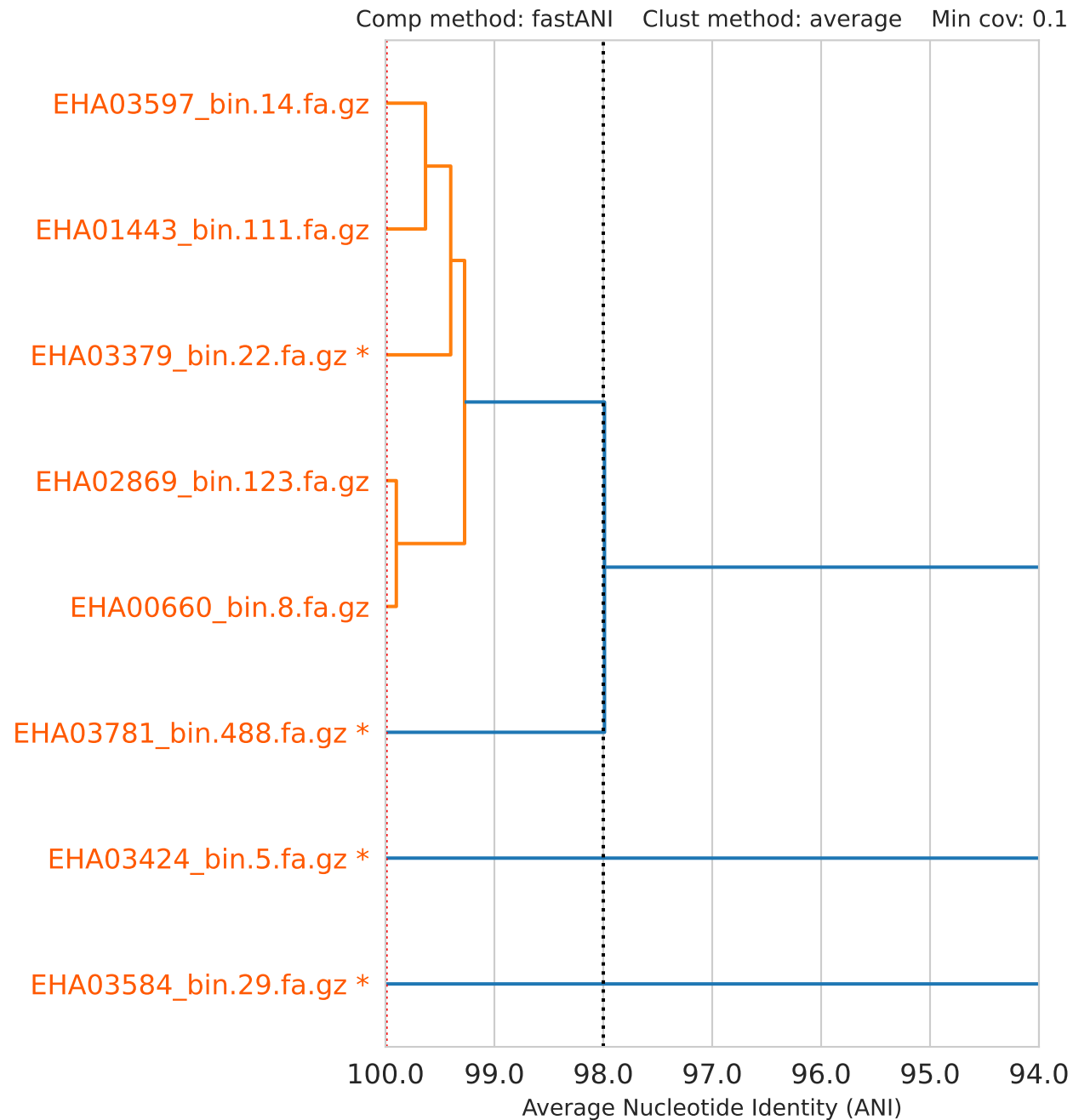


# Primary cluster 831

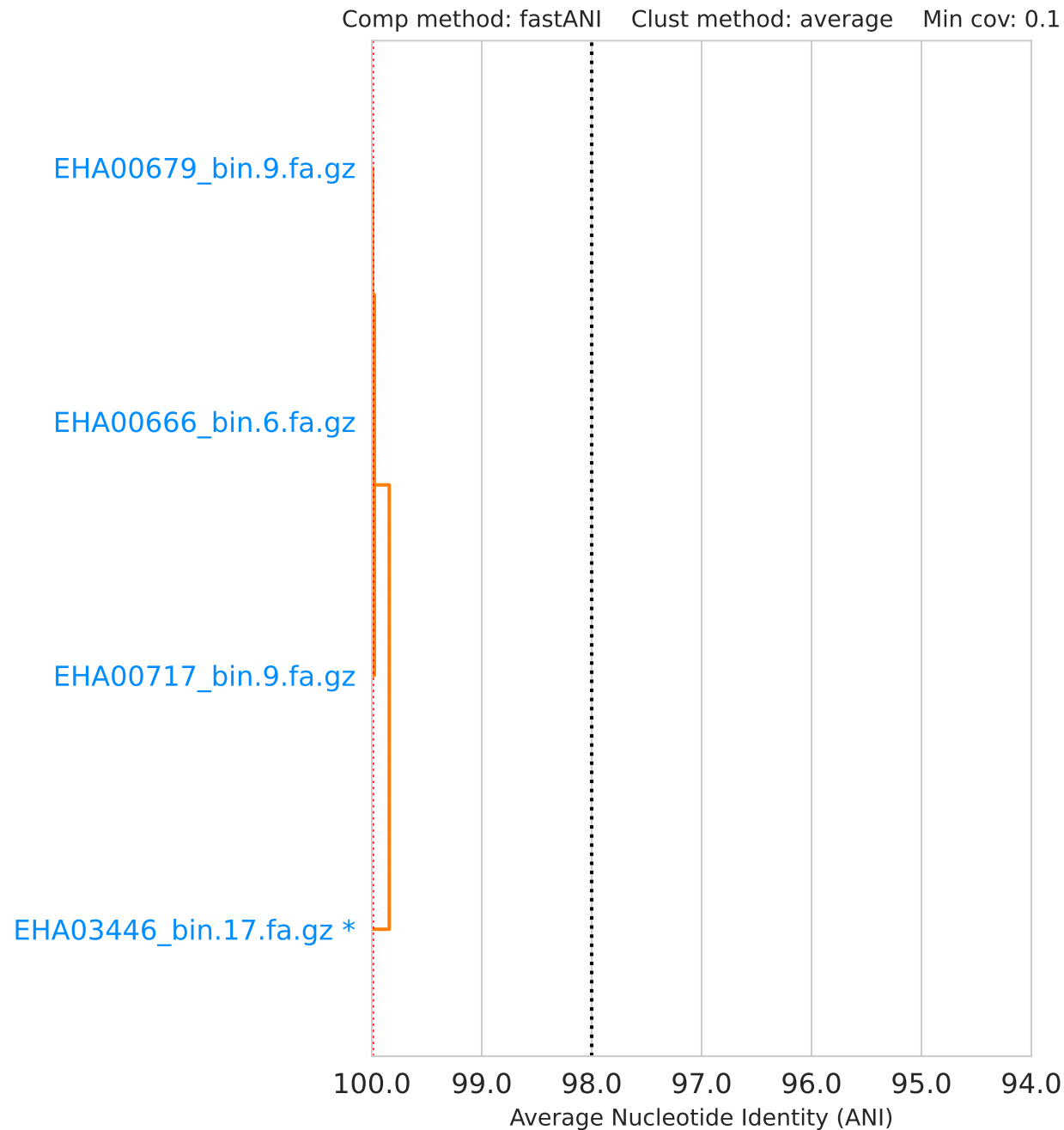




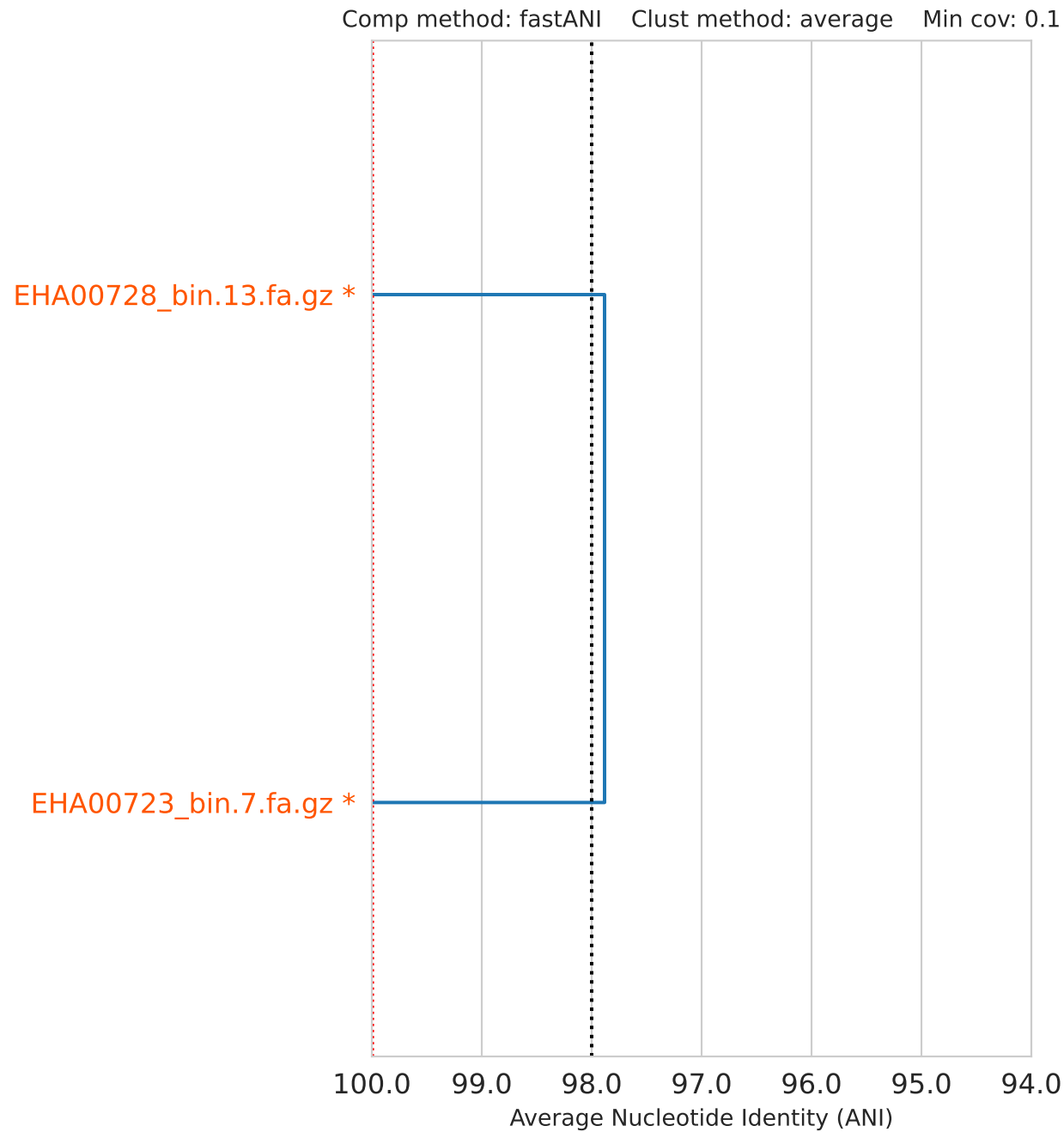
# Primary cluster 832



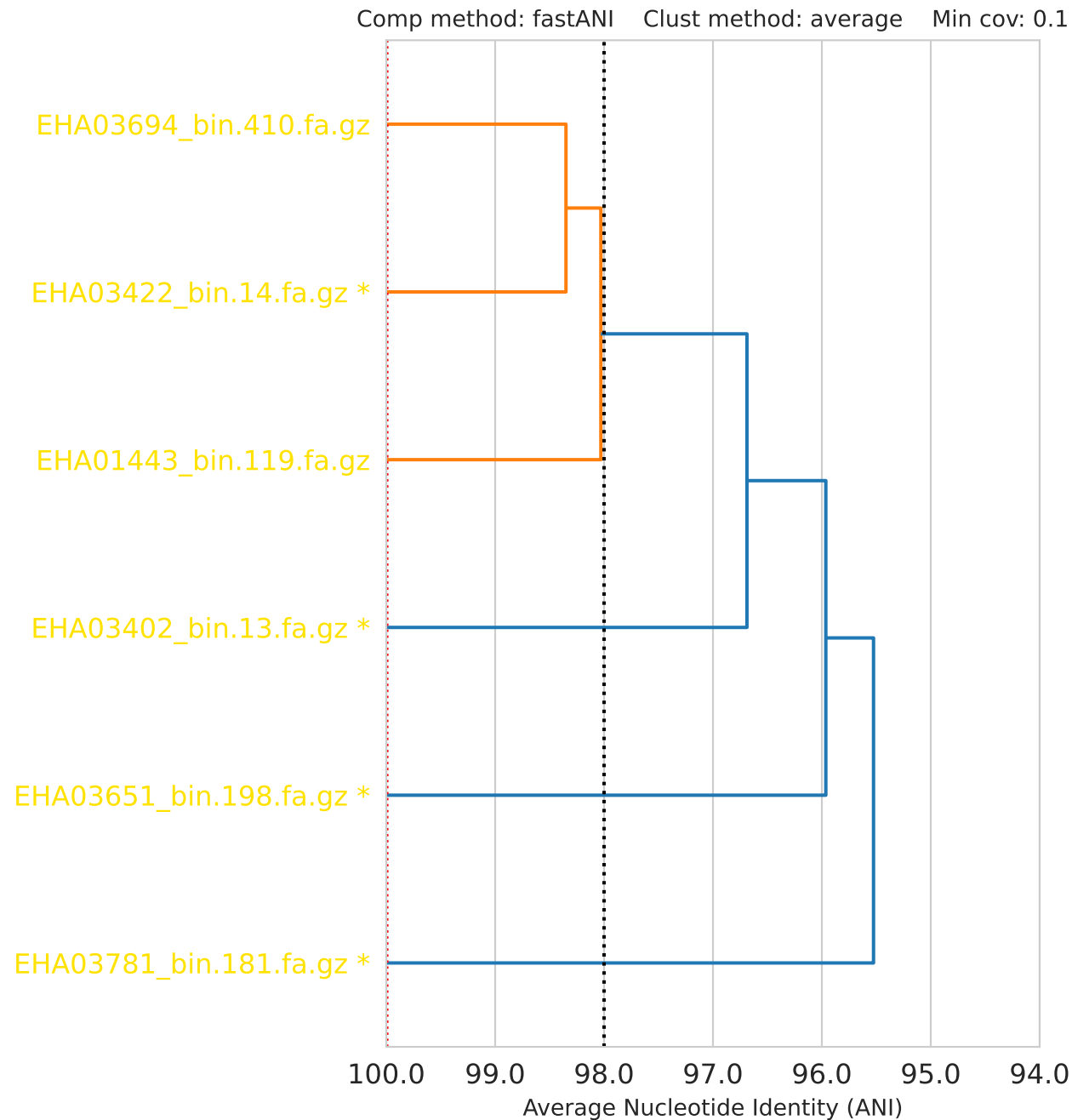
# Primary cluster 836



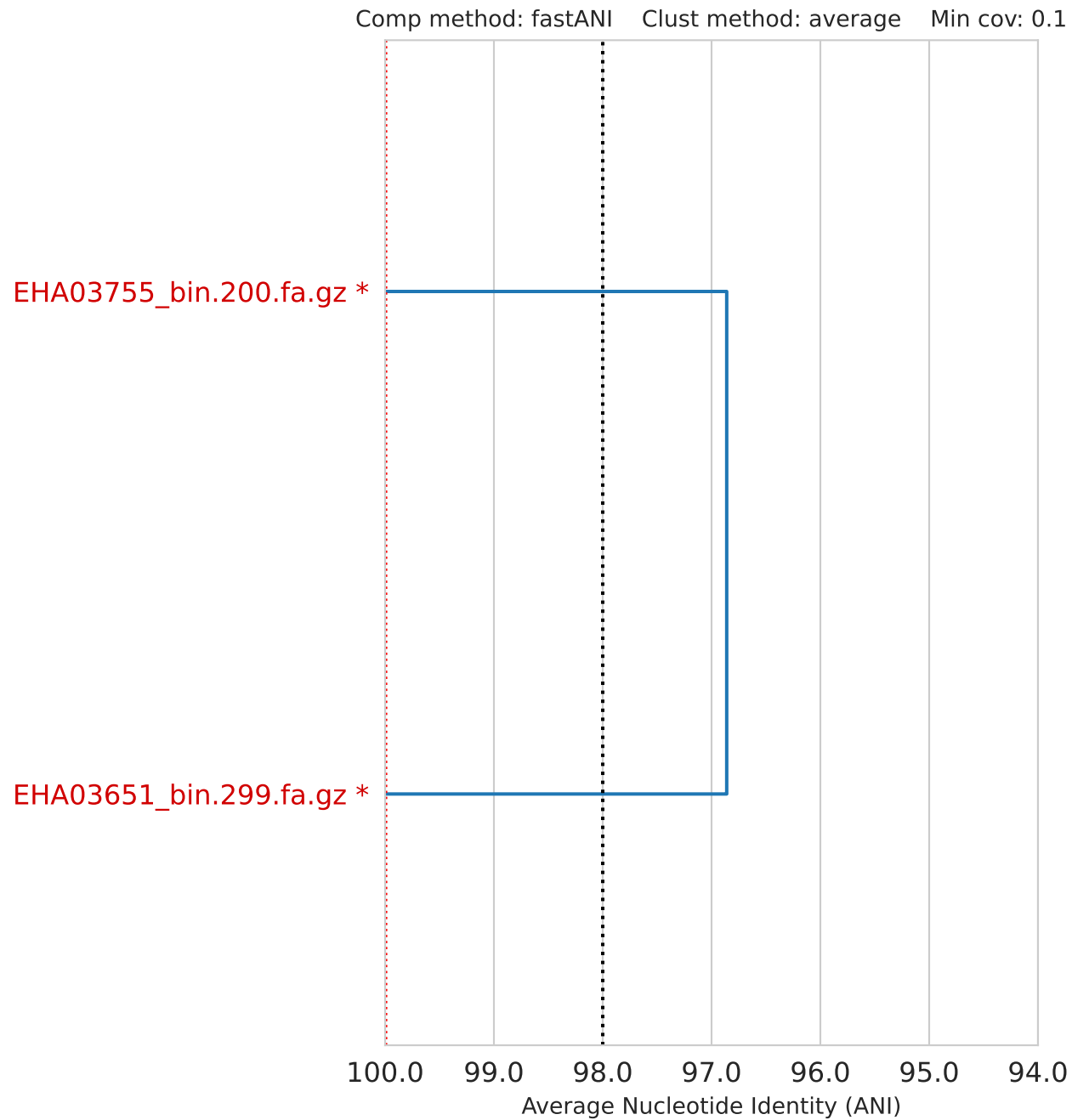
# Primary cluster 837



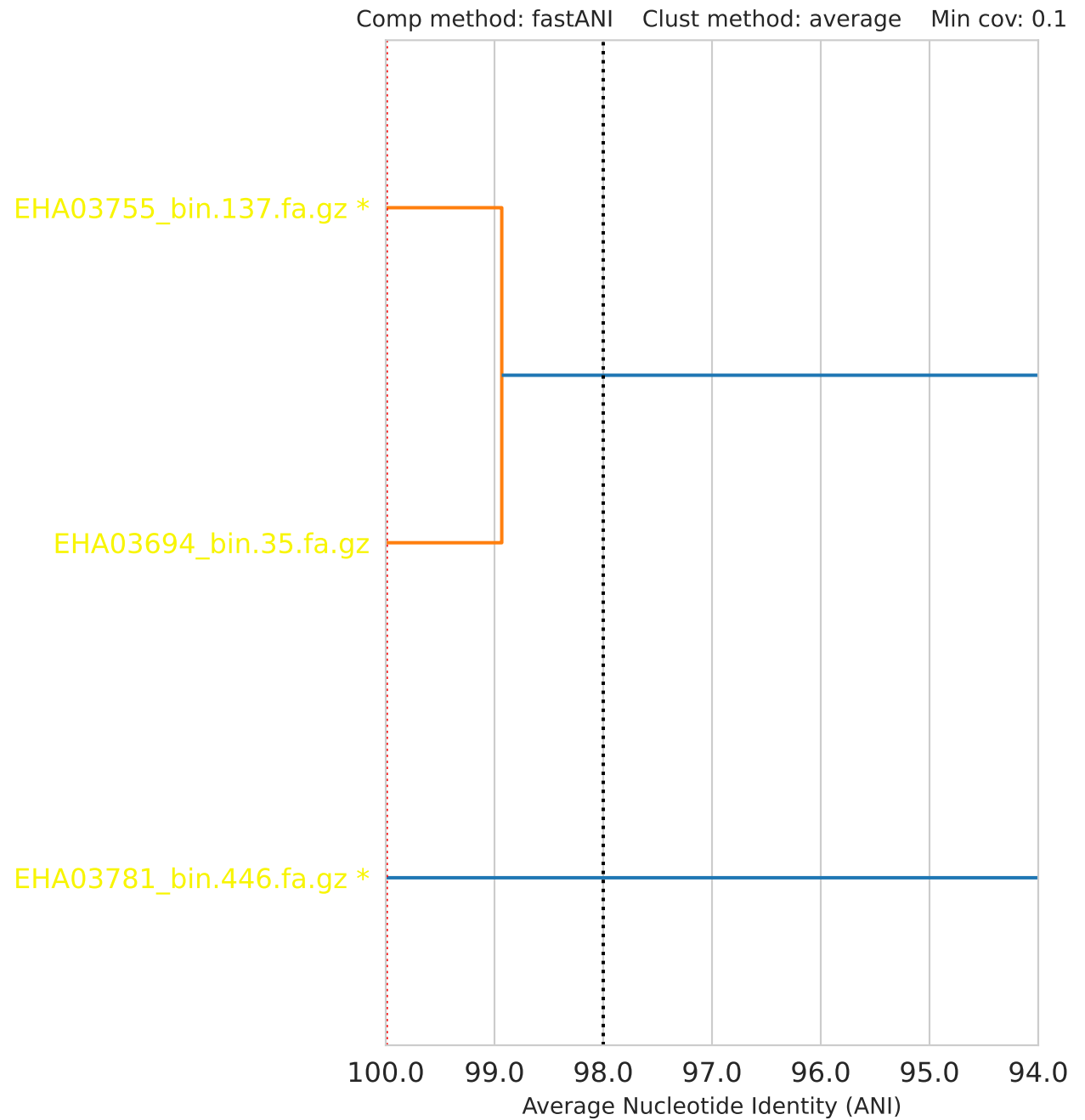
# Primary cluster 838



# Primary cluster 841



# Primary cluster 842



# Primary cluster 843

Comp method: fastANI

Clust method: average

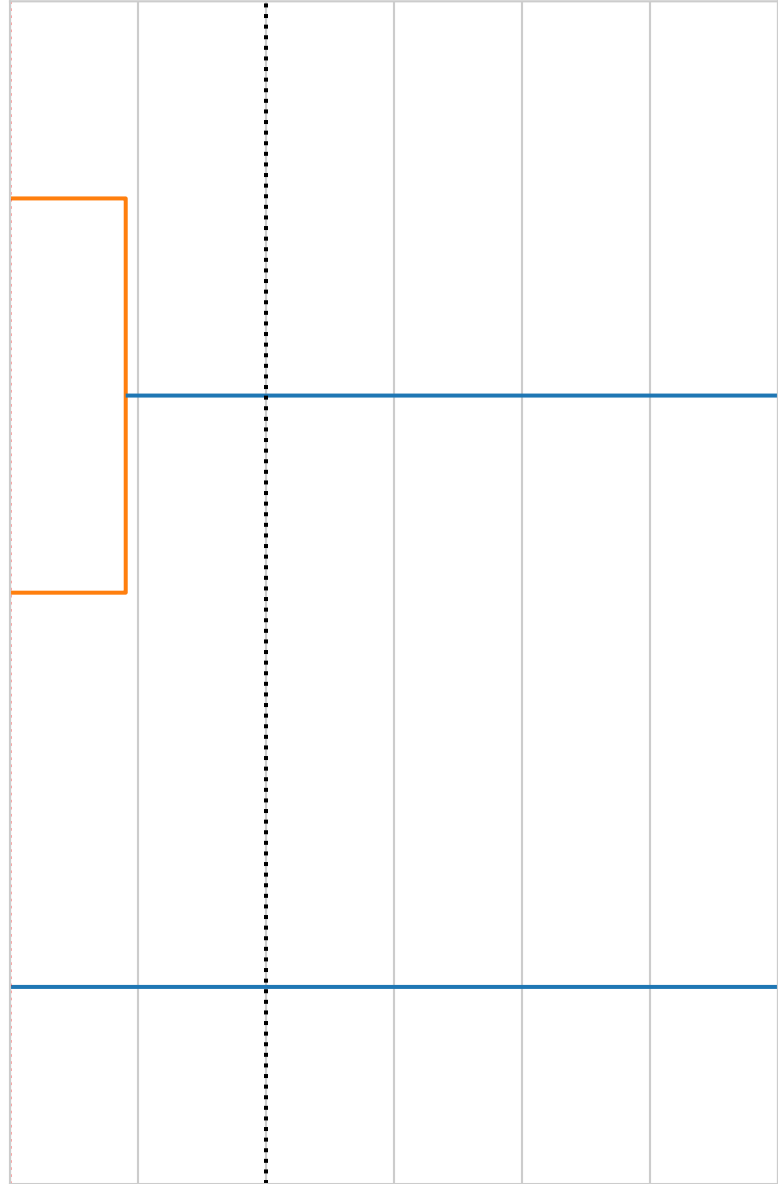
Min cov: 0.1

EHA03651\_bin.472.fa.gz \*

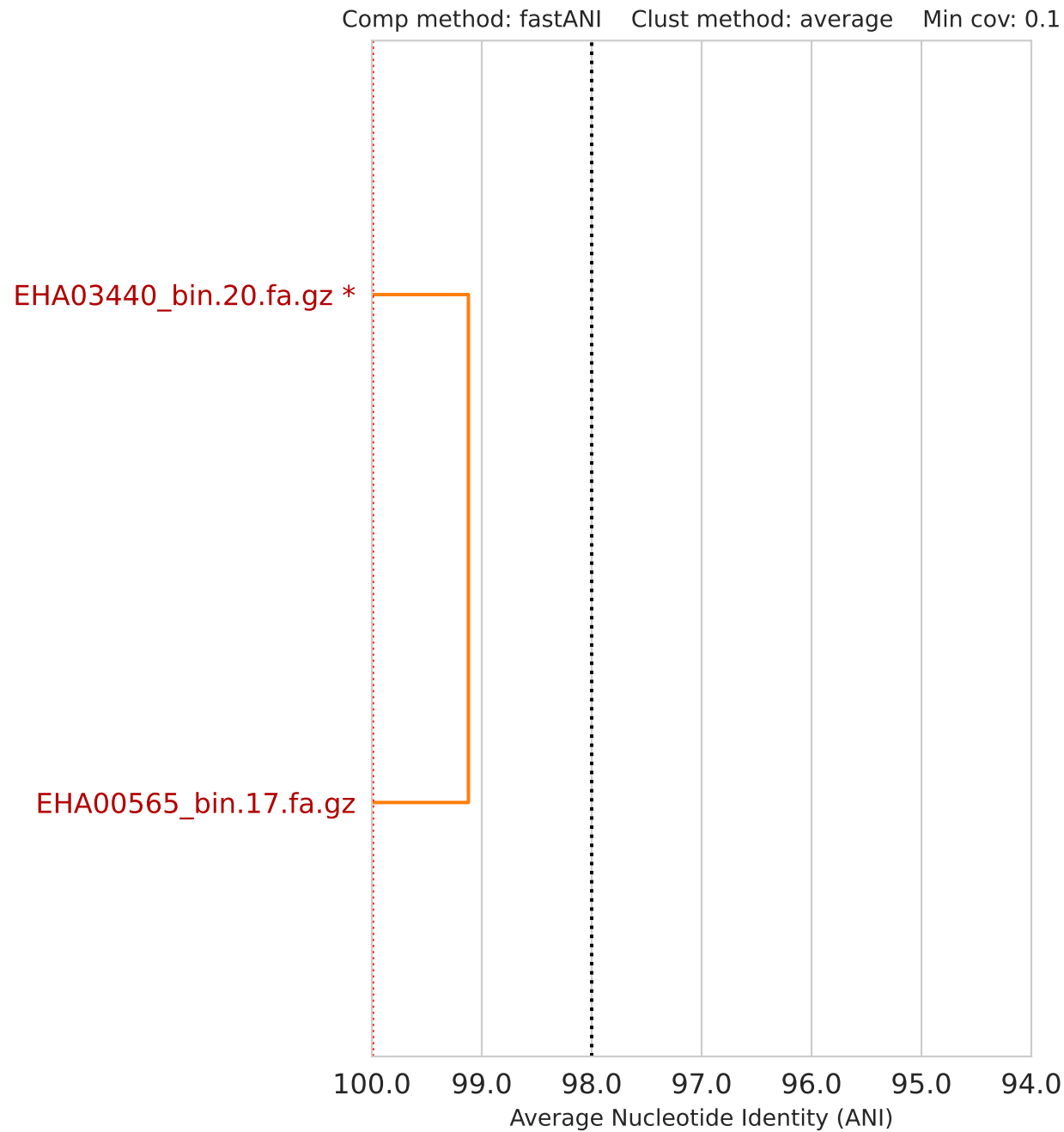
EHA01404\_bin.73.fa.gz

EHA03781\_bin.304.fa.gz \*

100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)

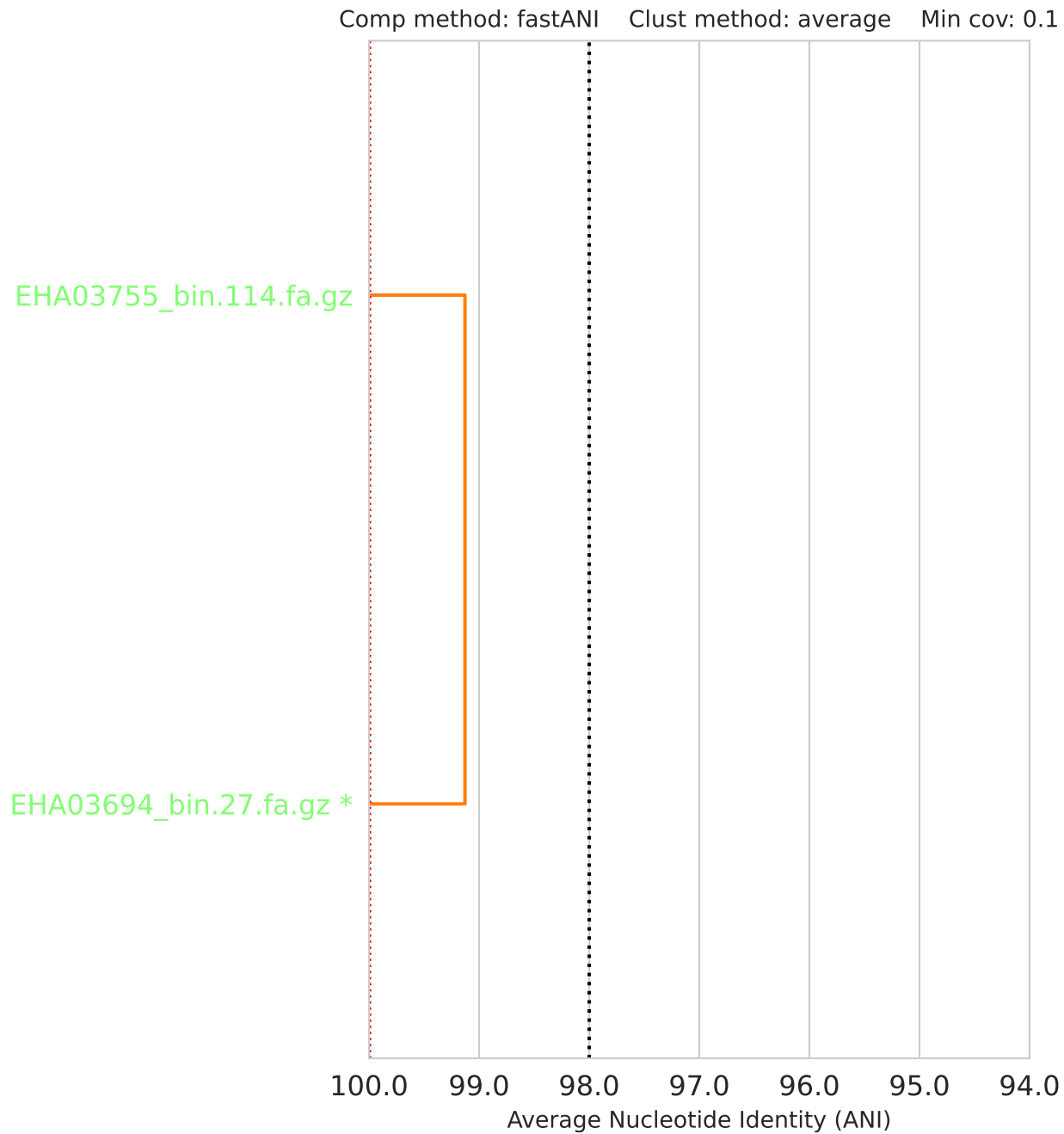


# Primary cluster 844

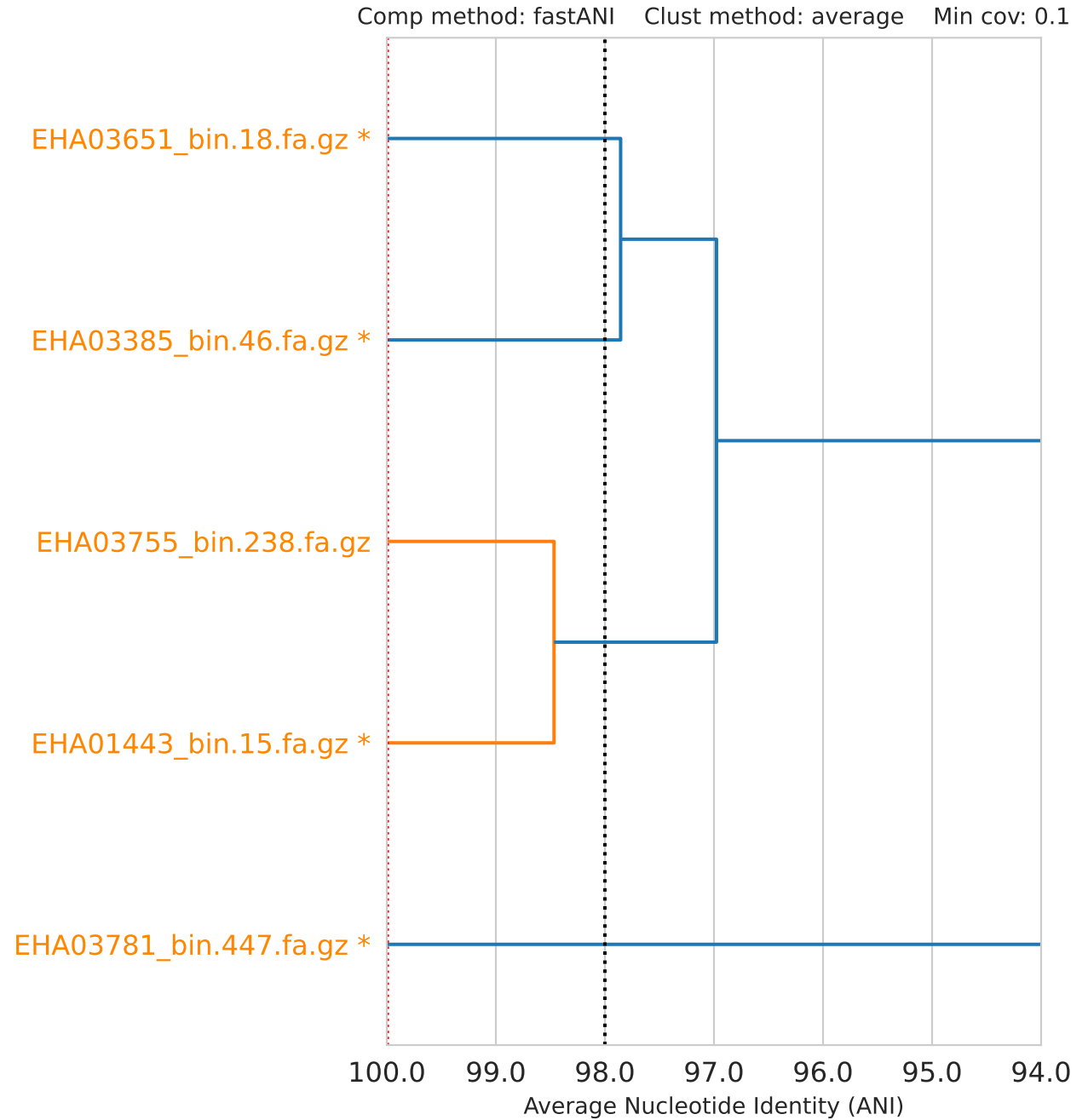




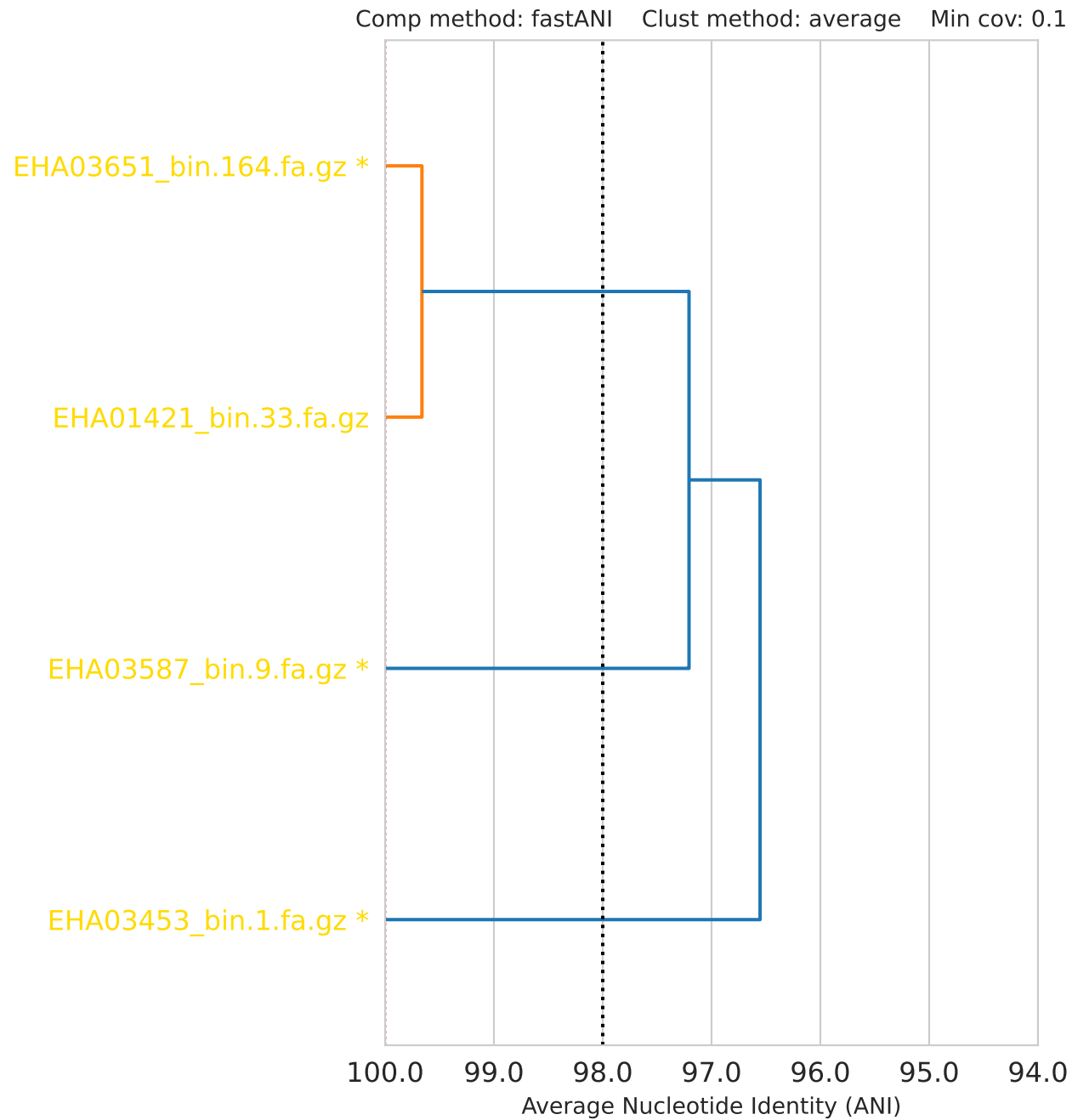
# Primary cluster 845



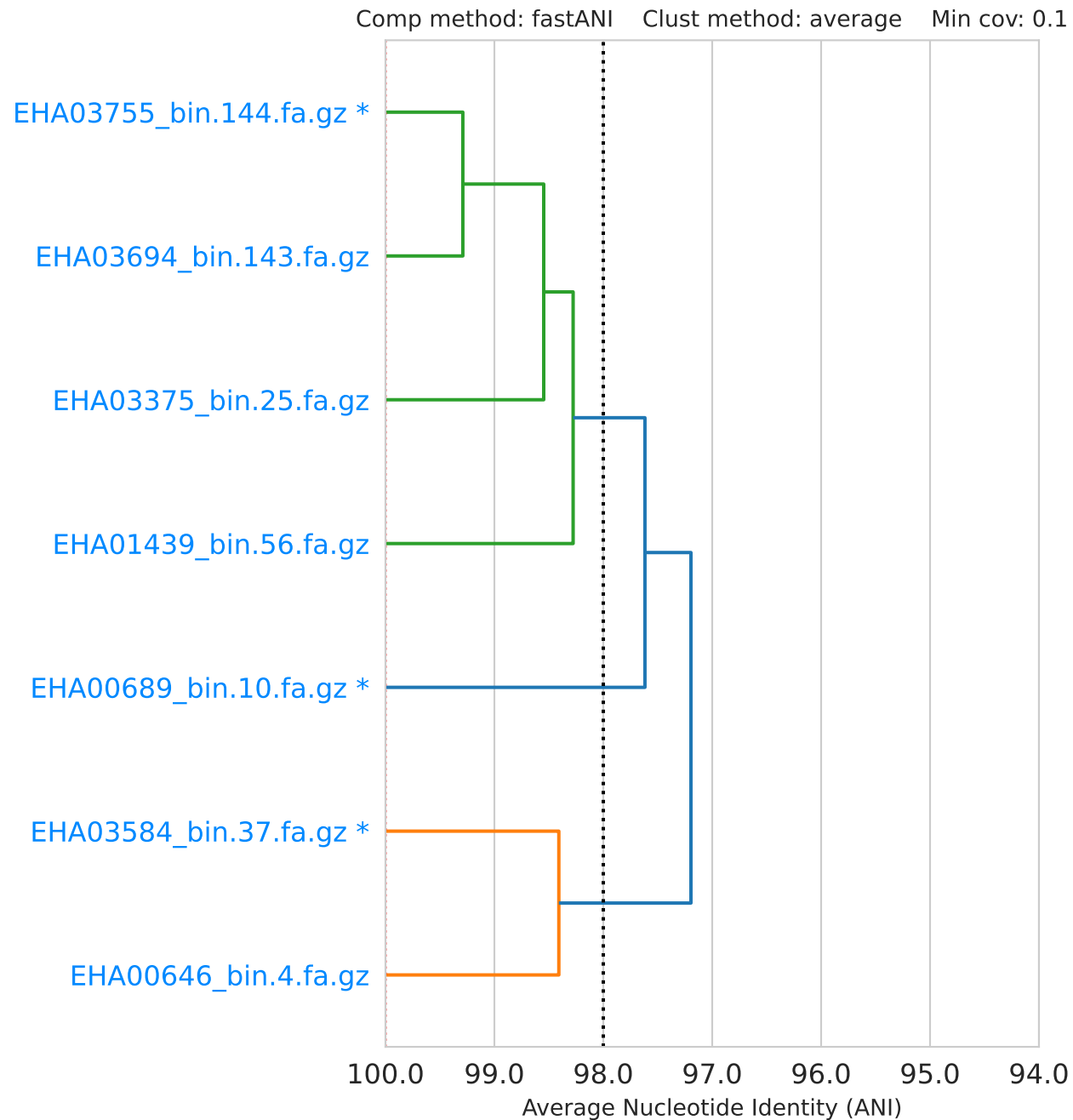
# Primary cluster 847



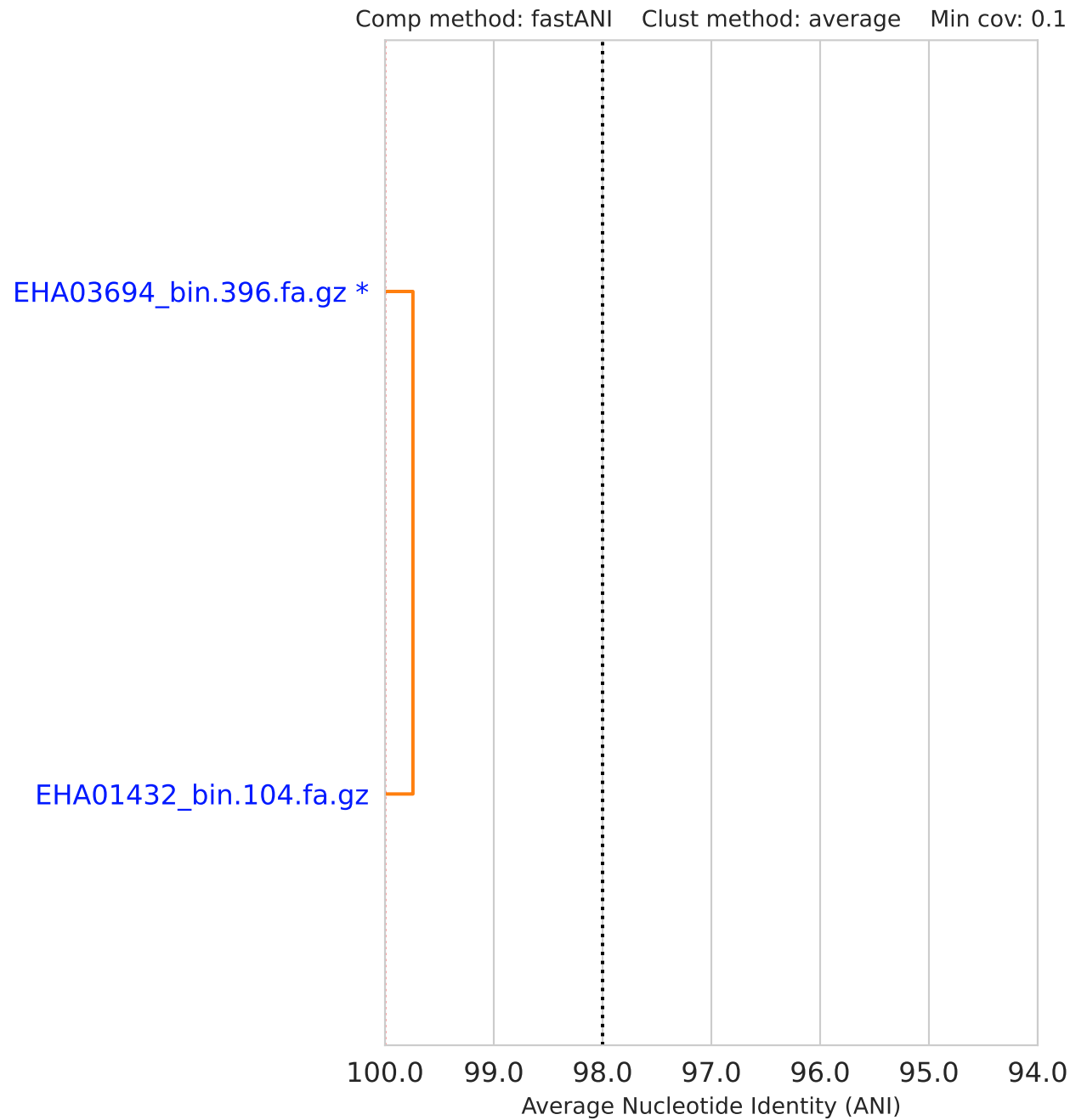
# Primary cluster 849



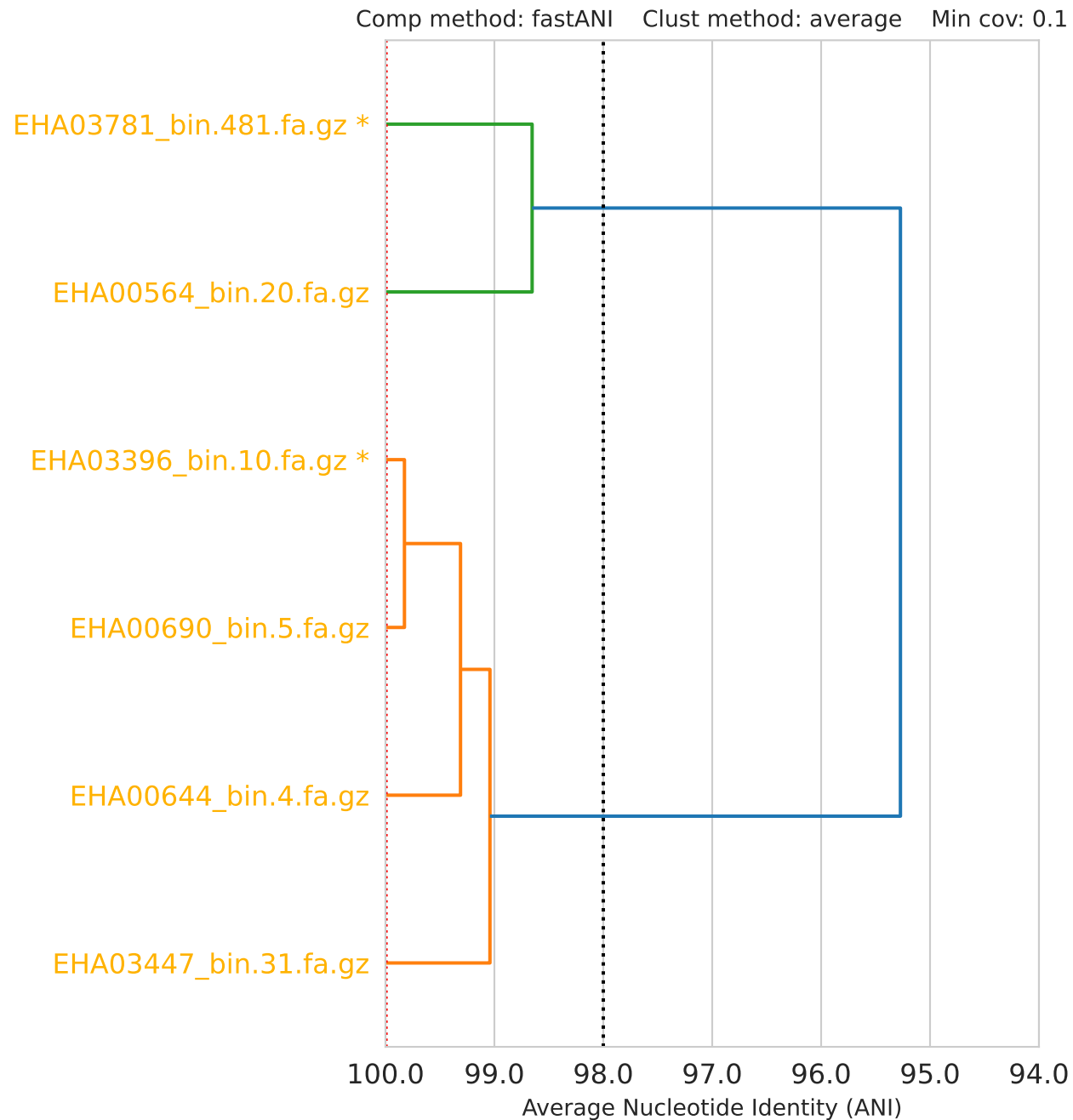
# Primary cluster 850



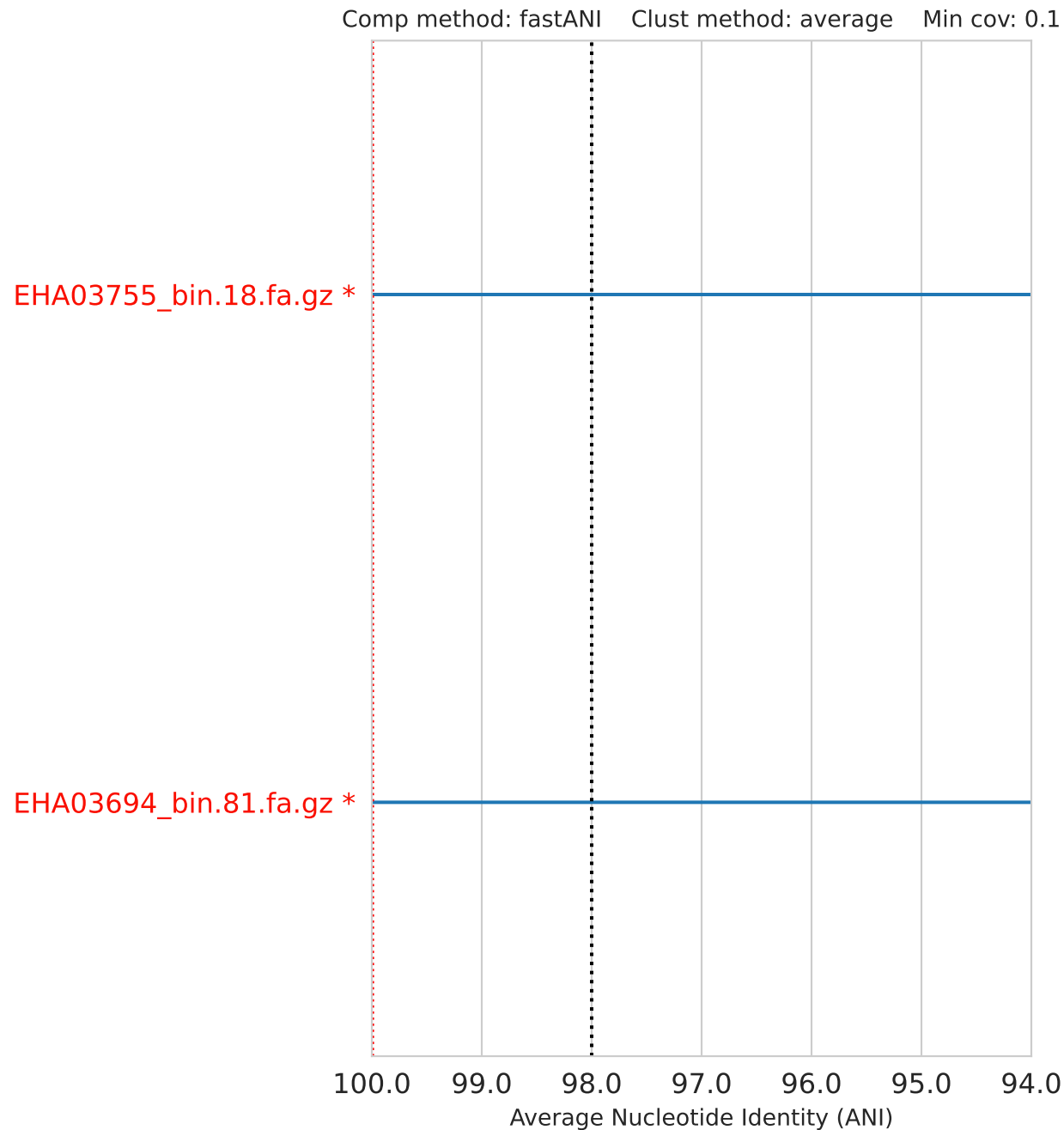
# Primary cluster 854



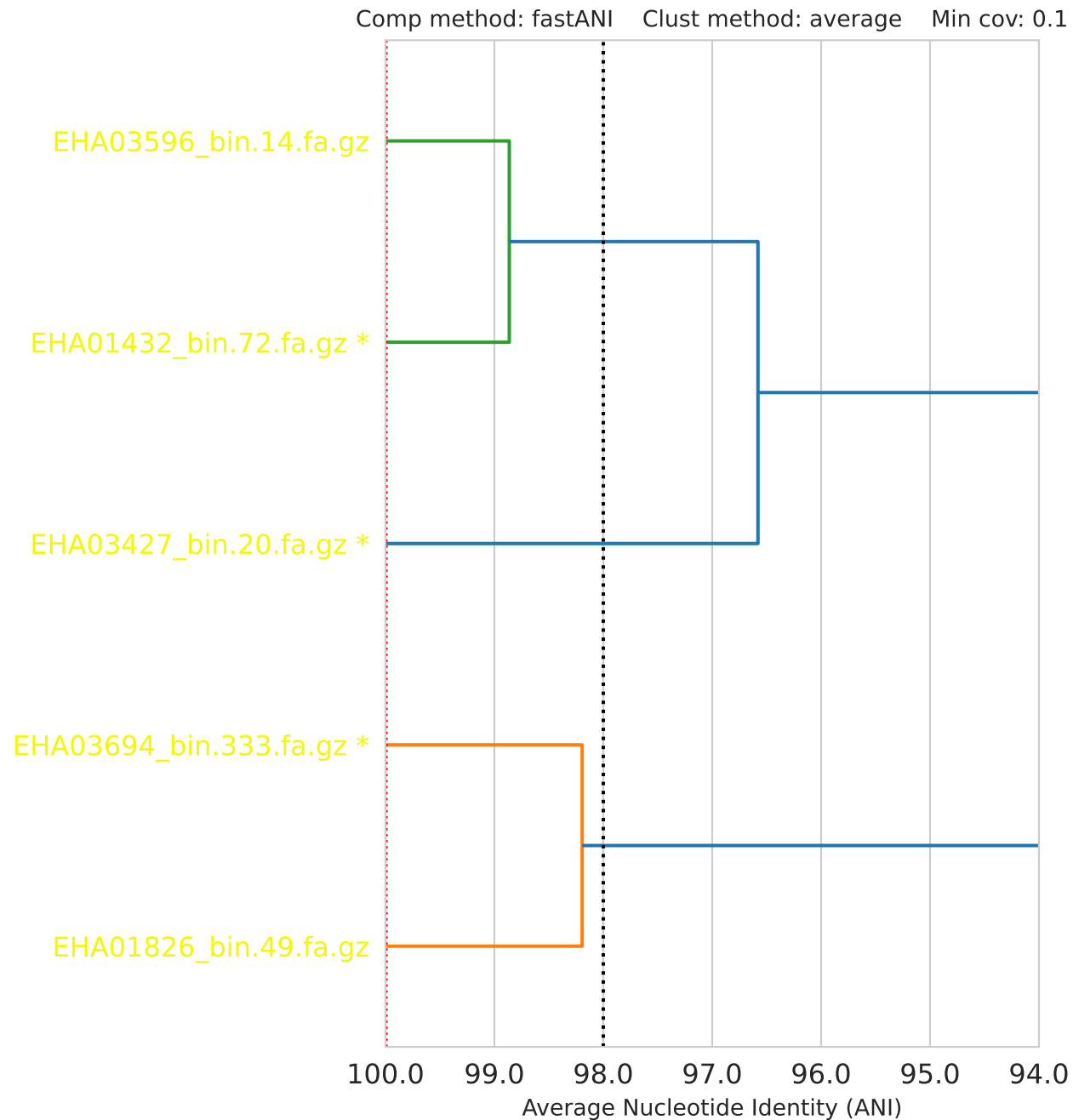
# Primary cluster 856



# Primary cluster 858

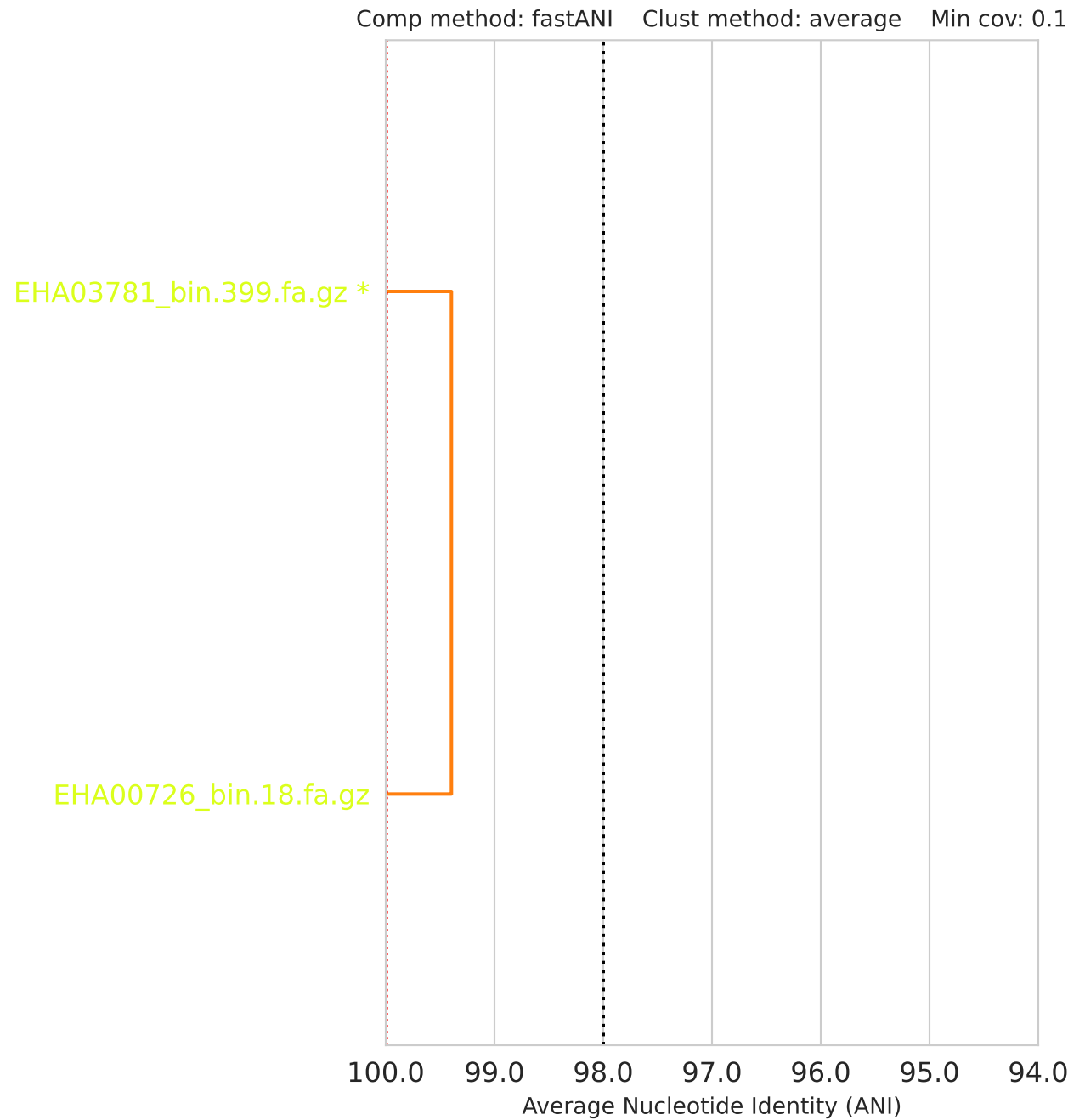


# Primary cluster 860

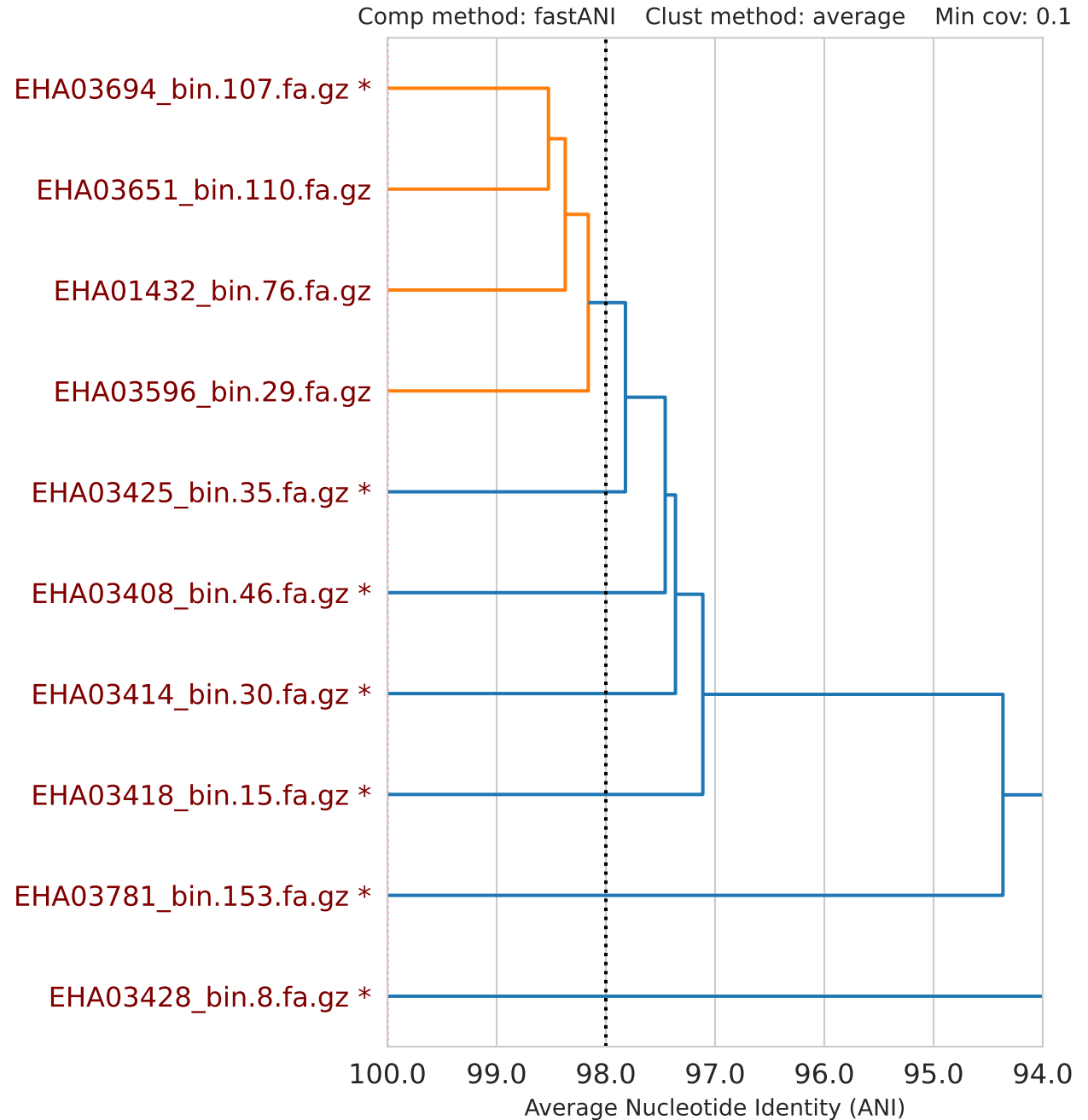




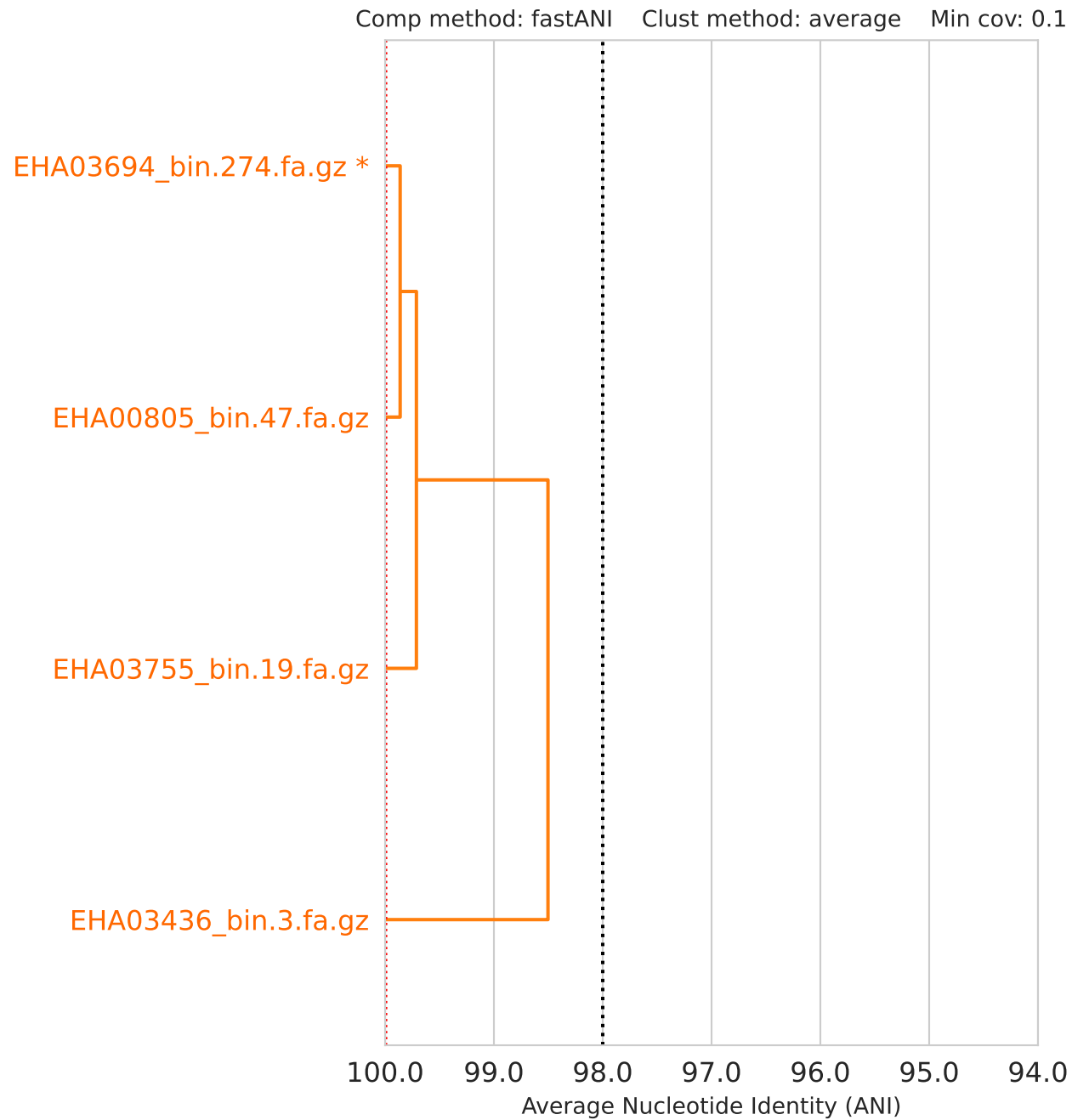
# Primary cluster 861



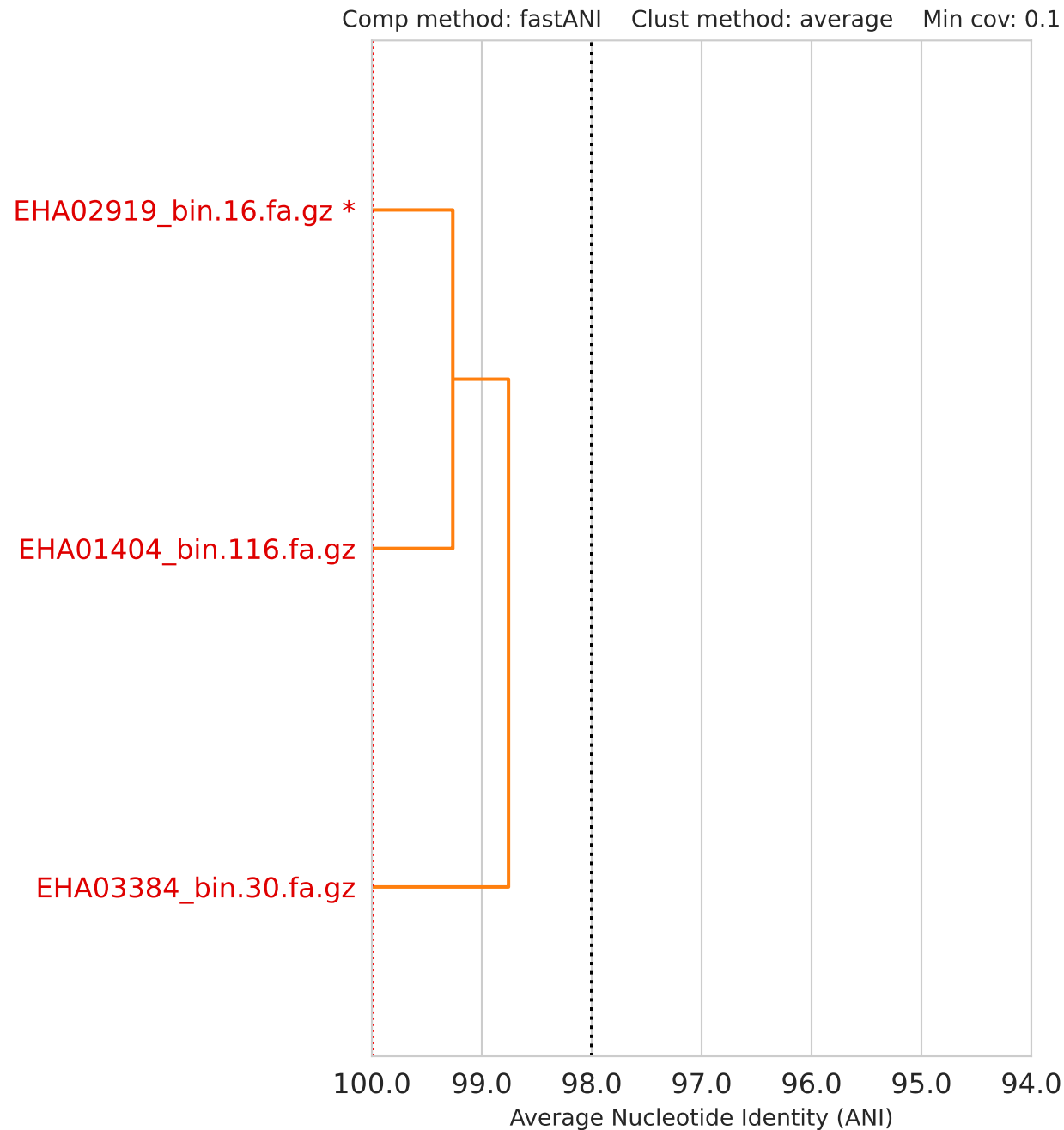
# Primary cluster 862



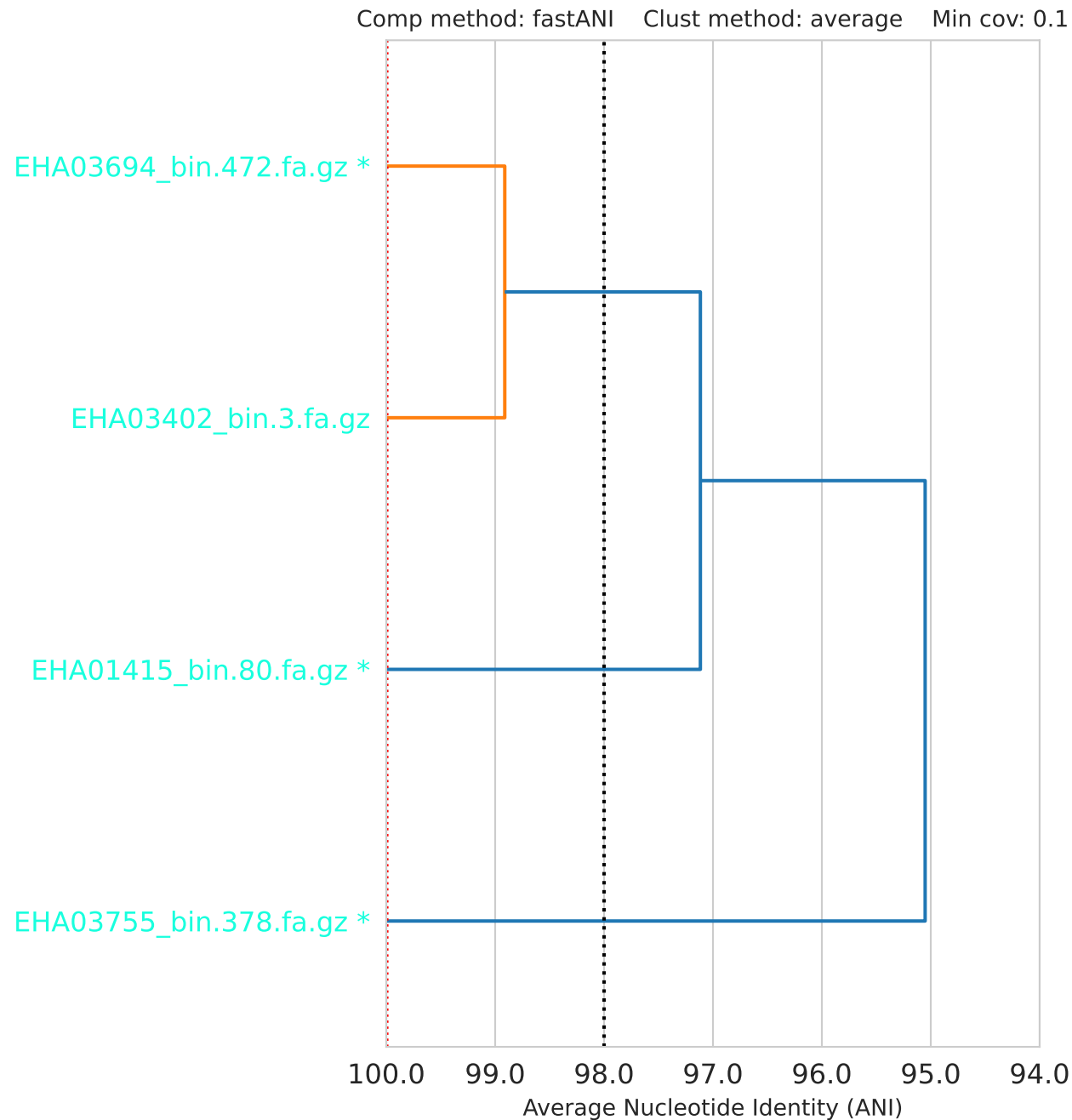
# Primary cluster 865



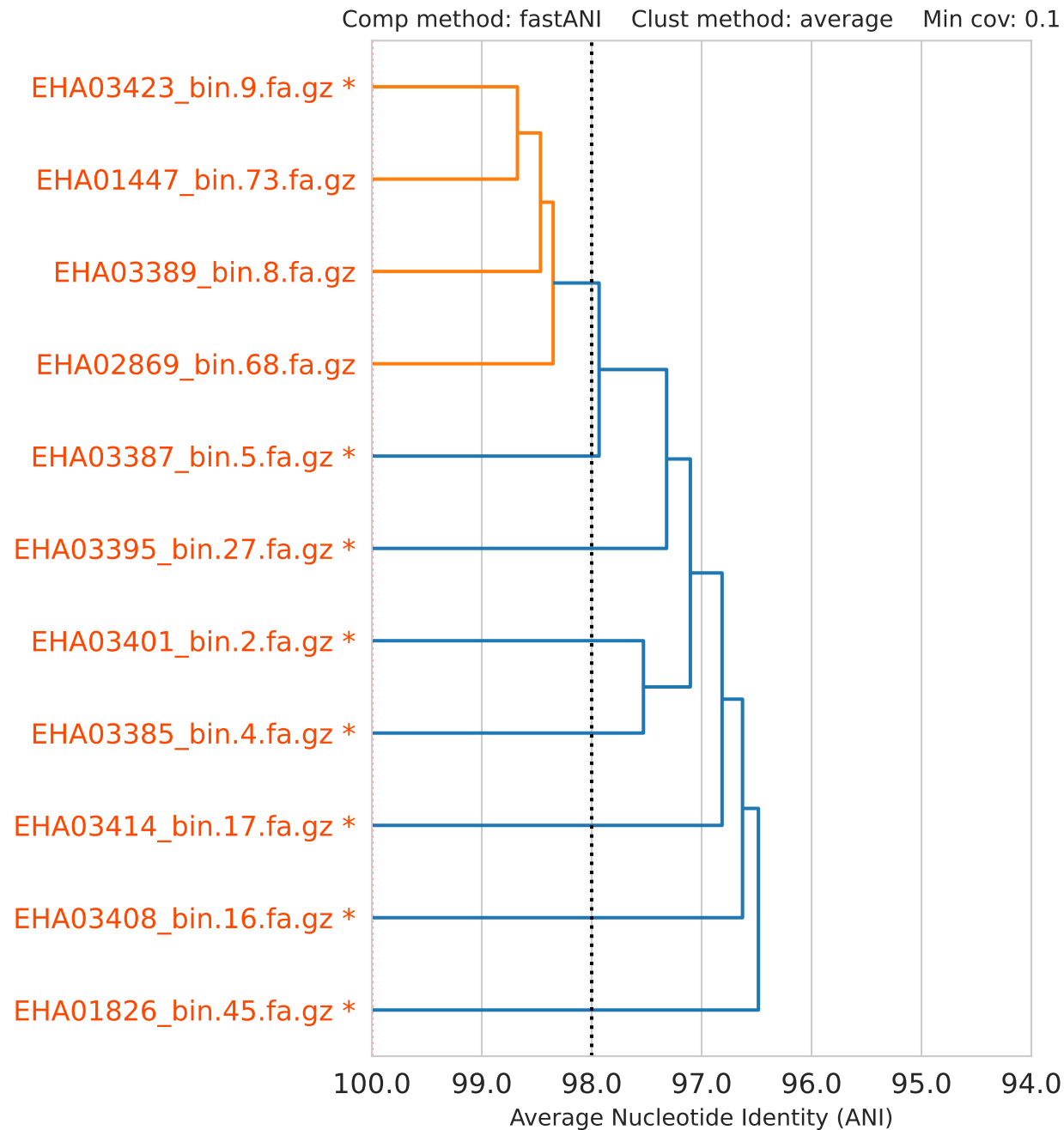
# Primary cluster 867



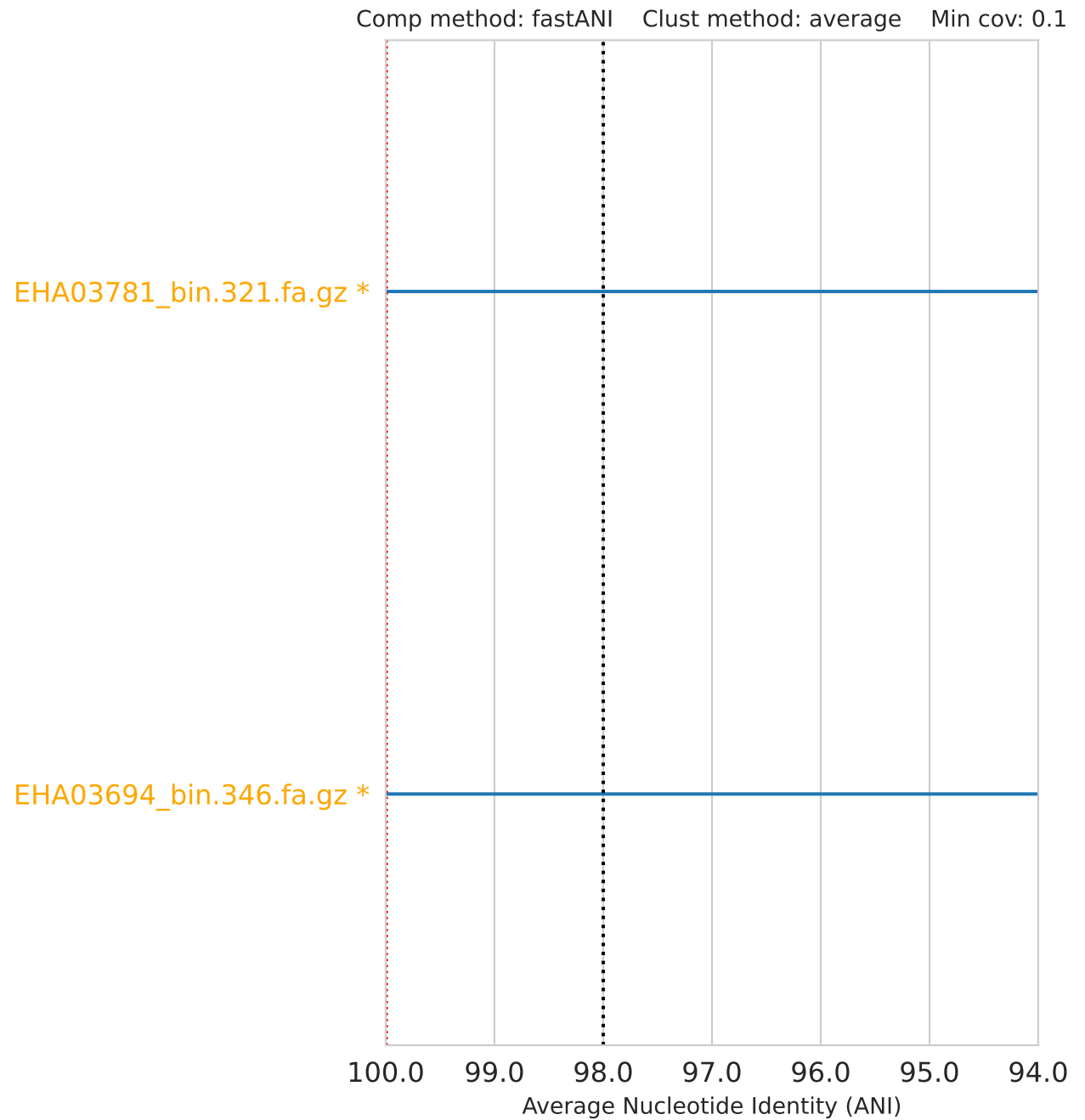
# Primary cluster 868



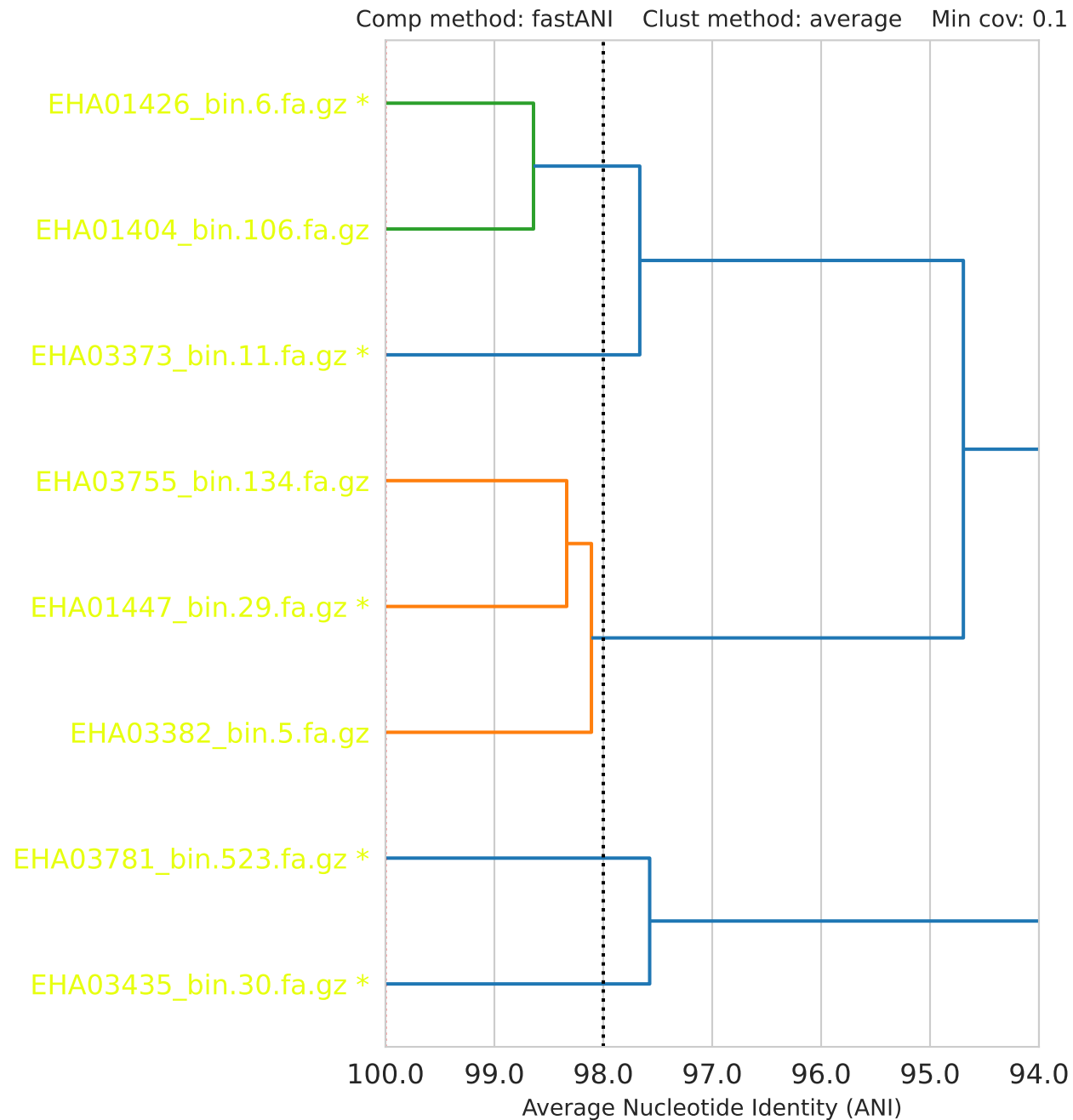
# Primary cluster 869



# Primary cluster 871

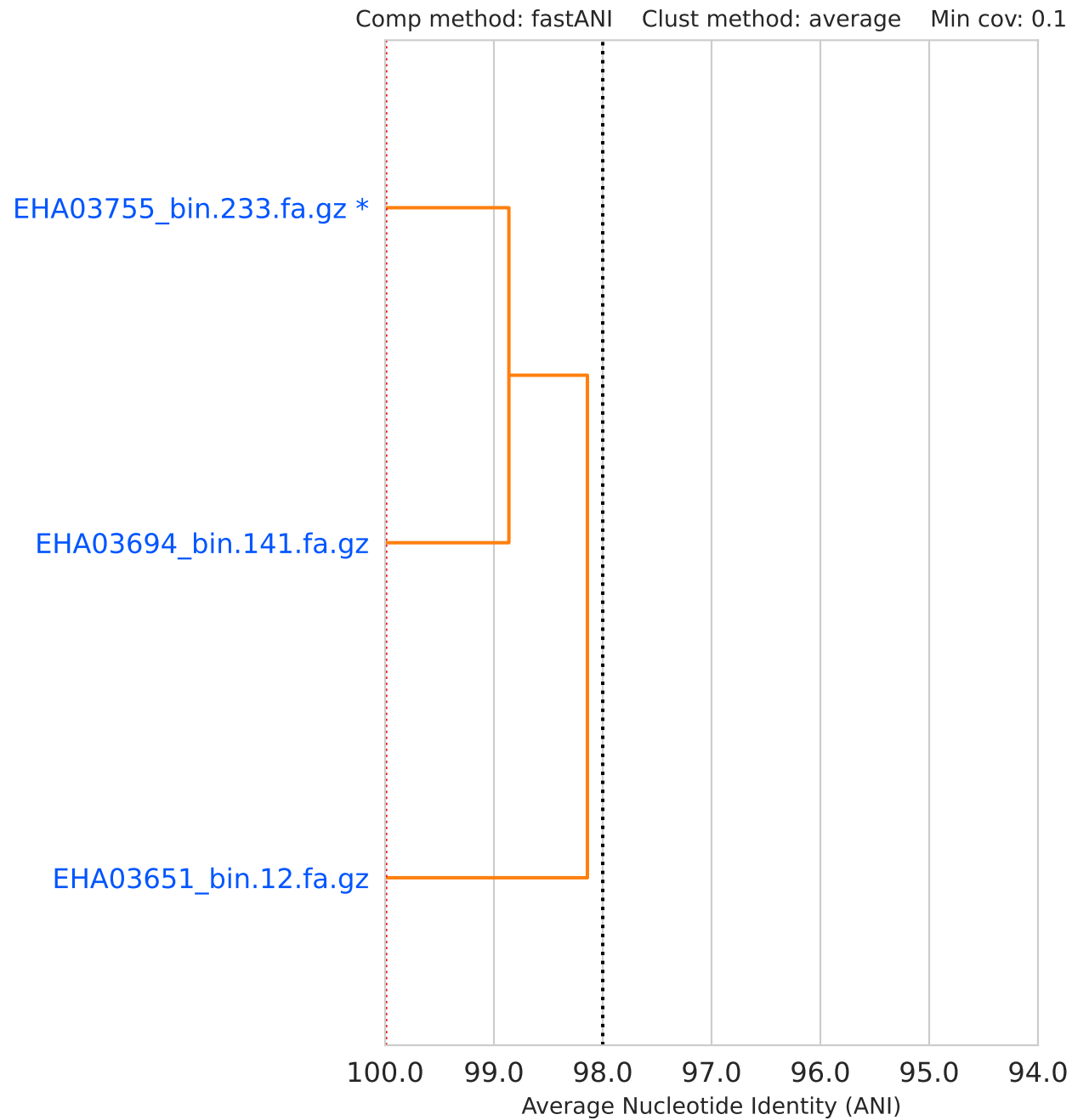


# Primary cluster 873

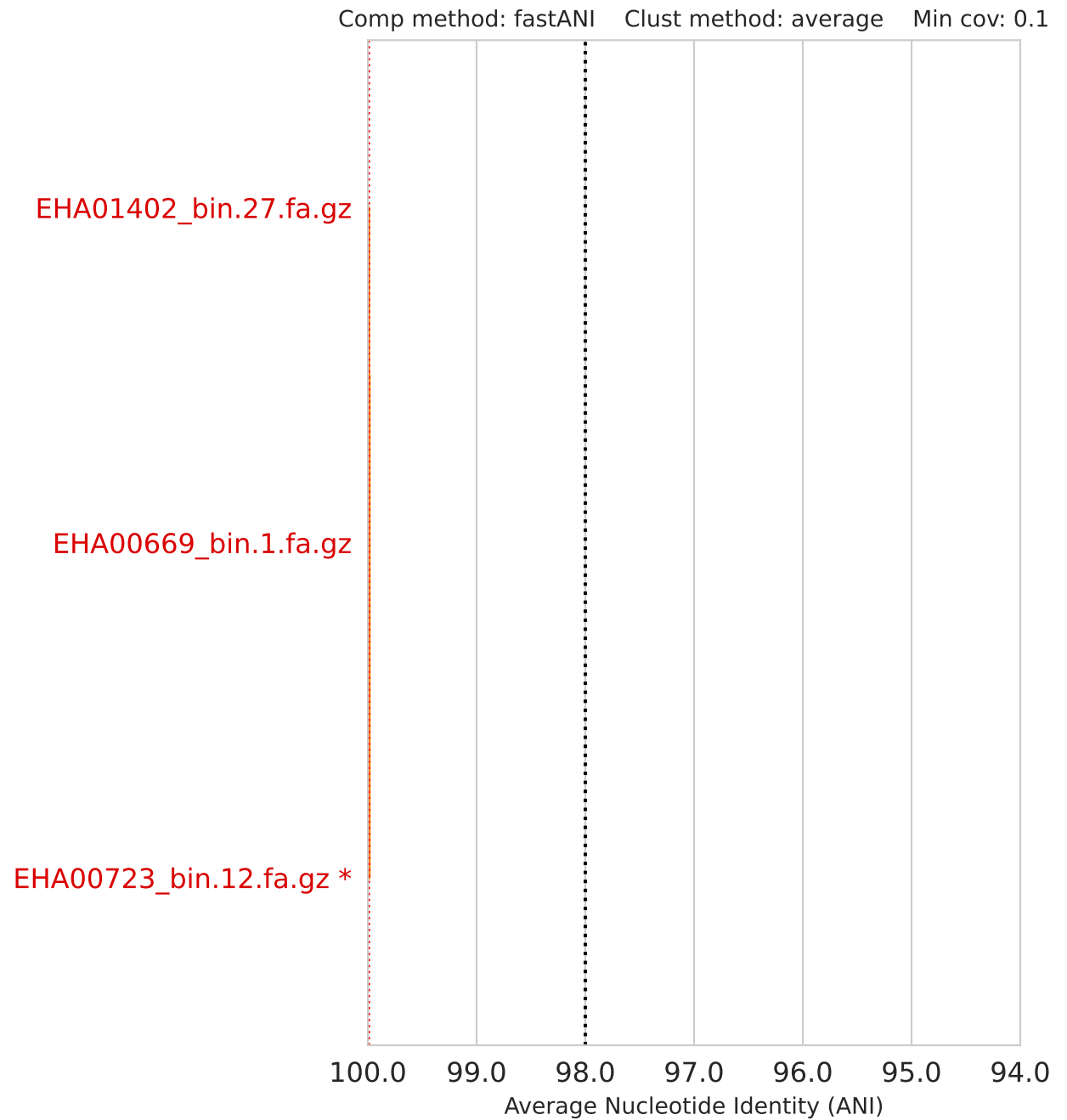




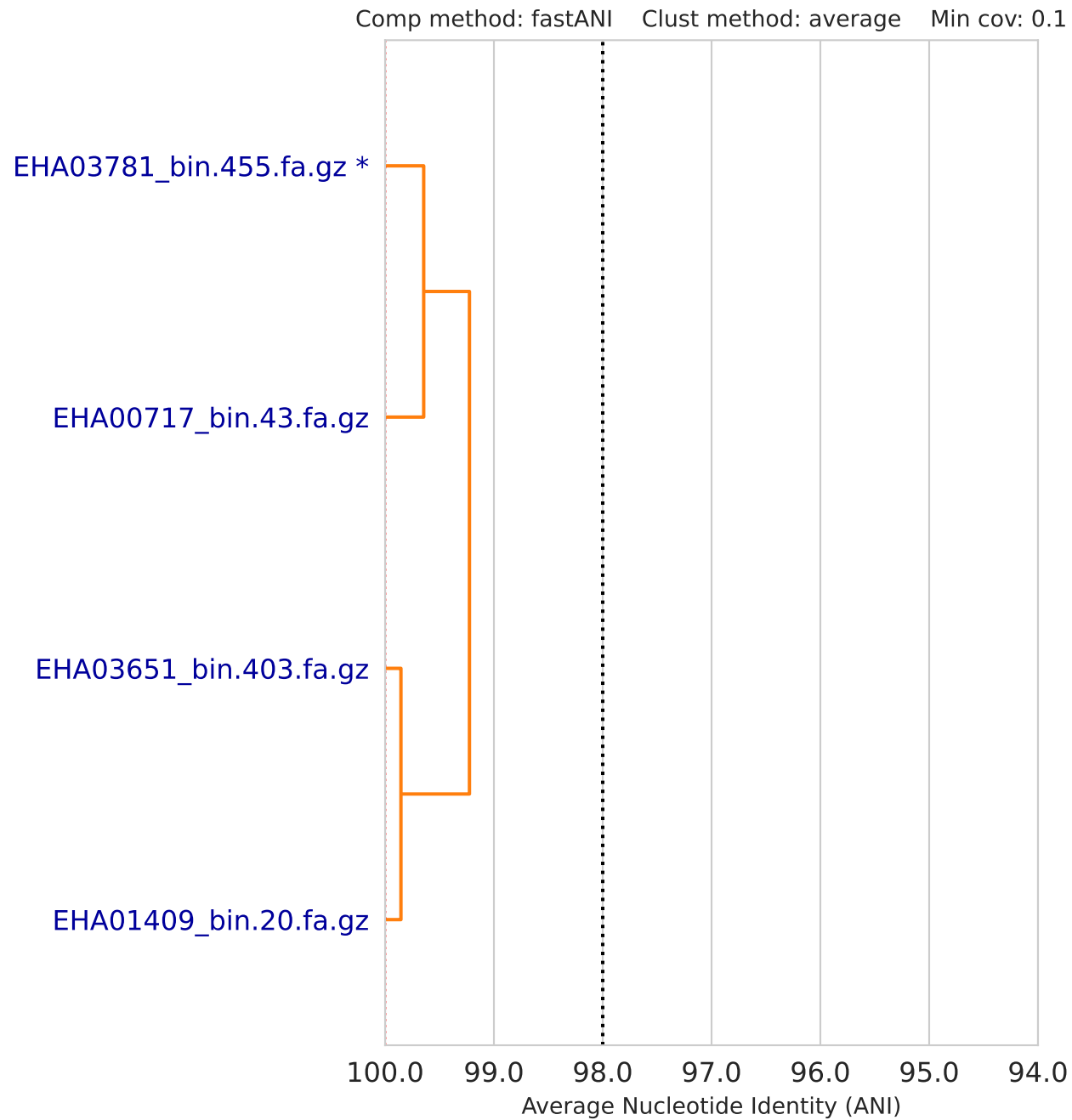
# Primary cluster 874



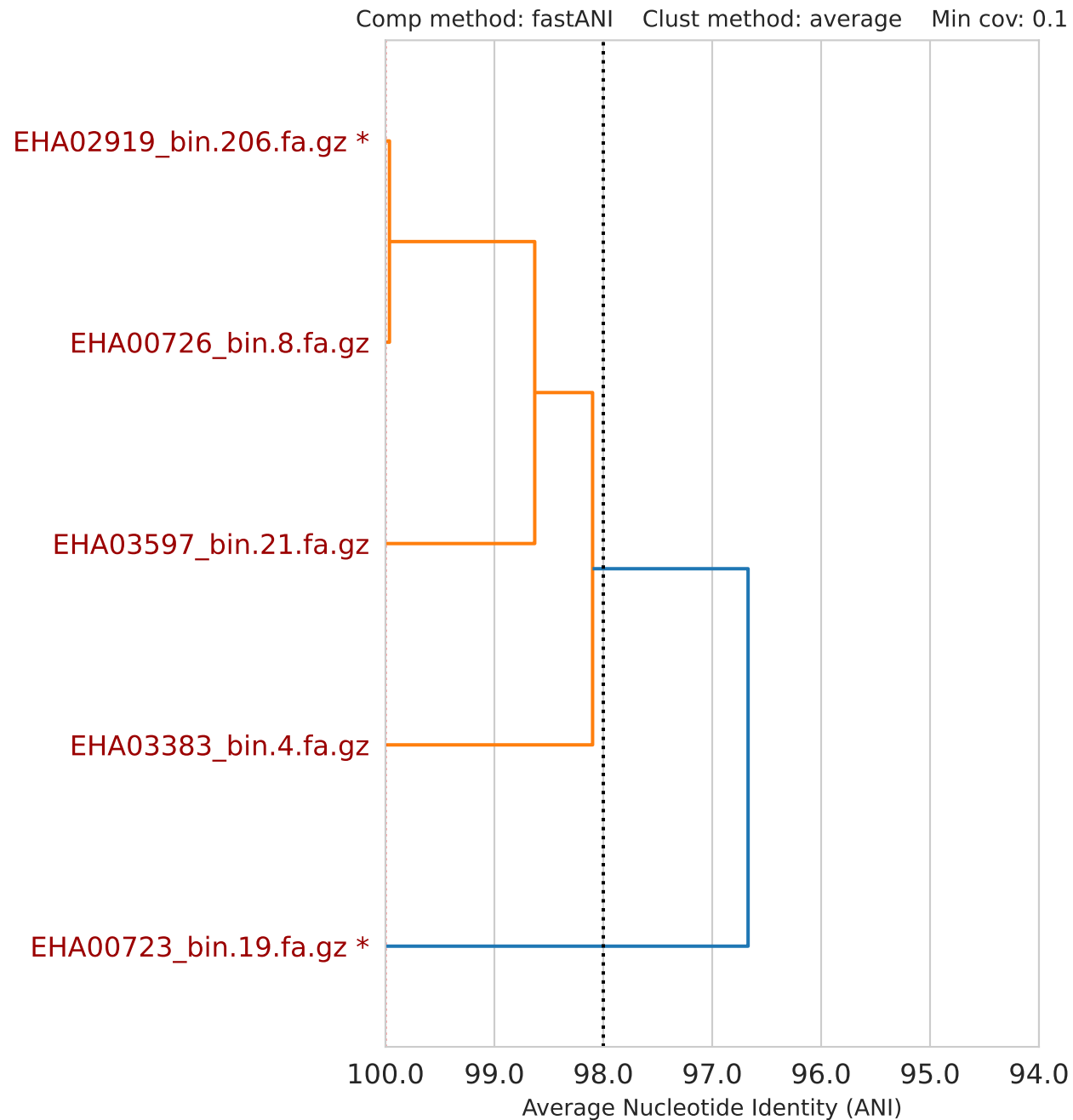
# Primary cluster 878



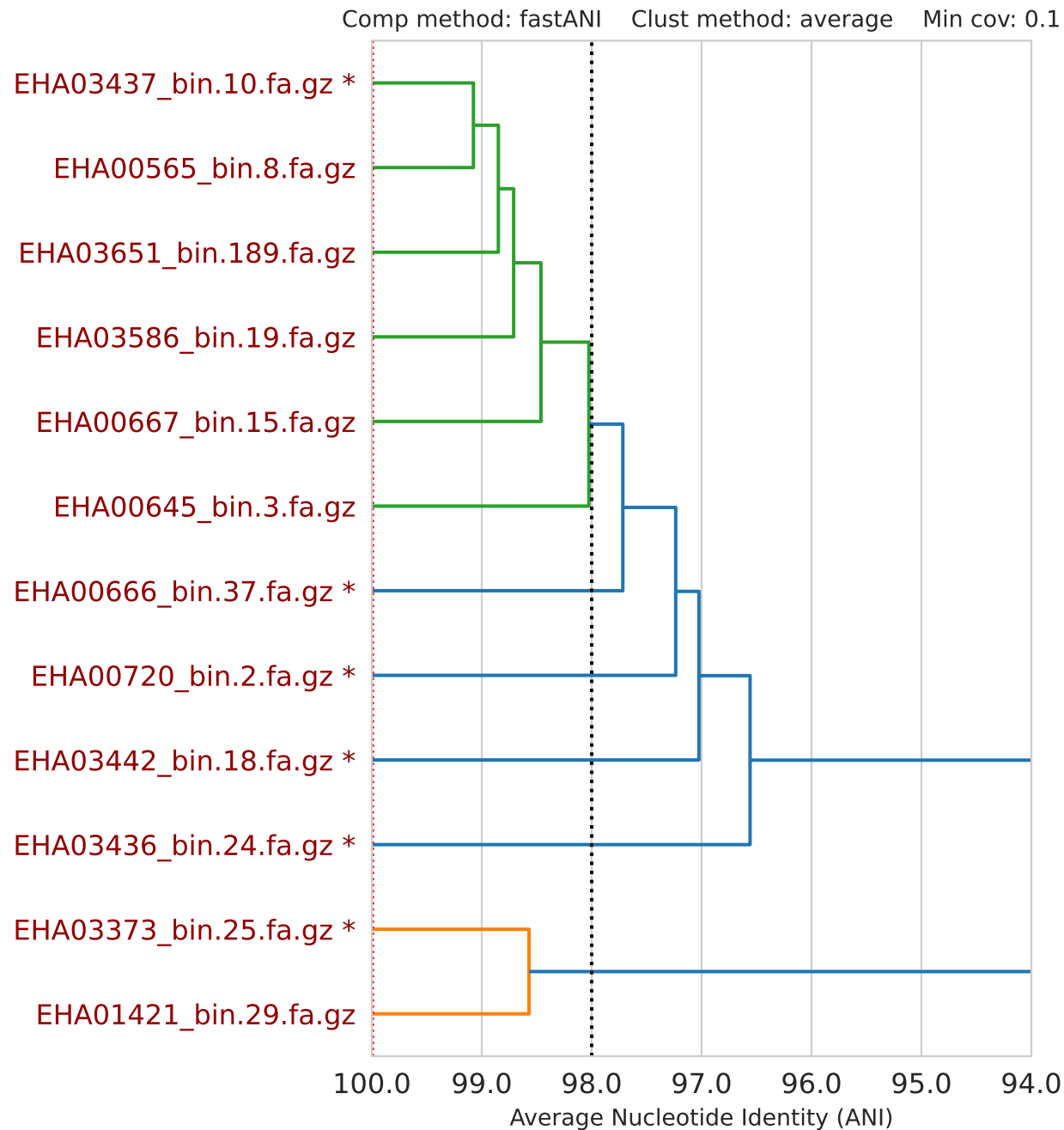
# Primary cluster 879



# Primary cluster 880



# Primary cluster 881



# Primary cluster 882

Comp method: fastANI

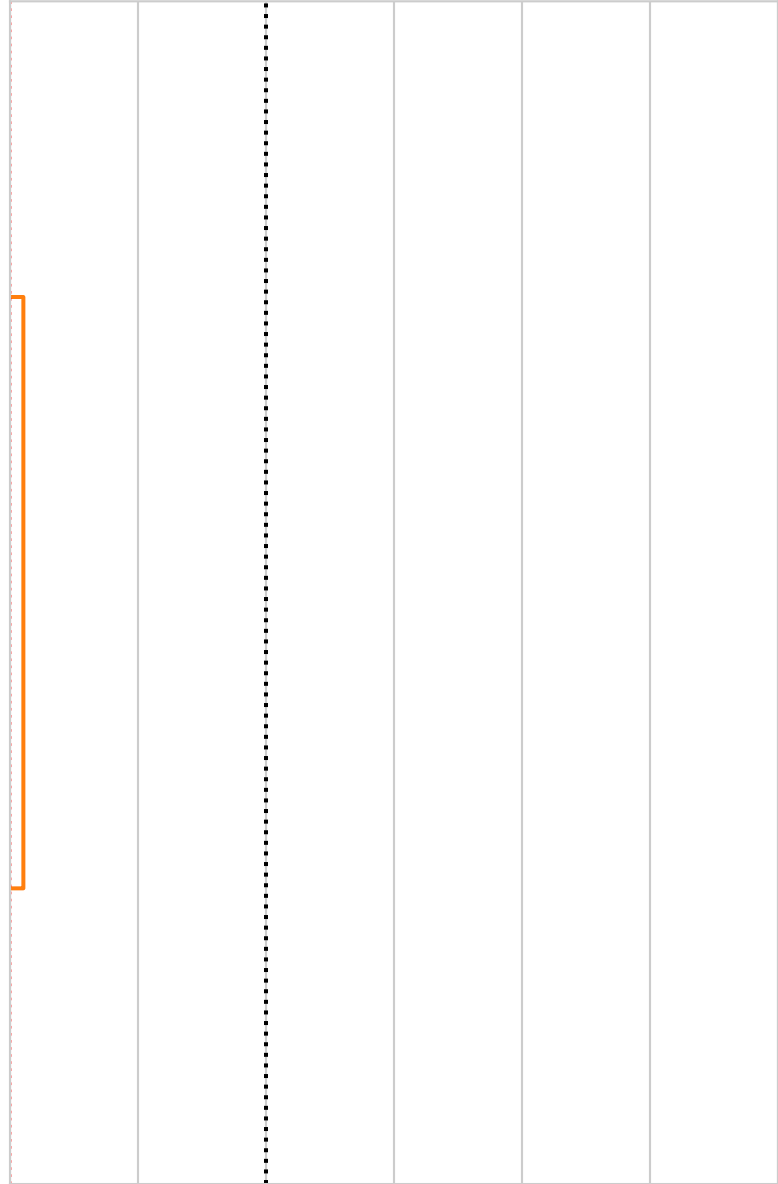
Clust method: average

Min cov: 0.1

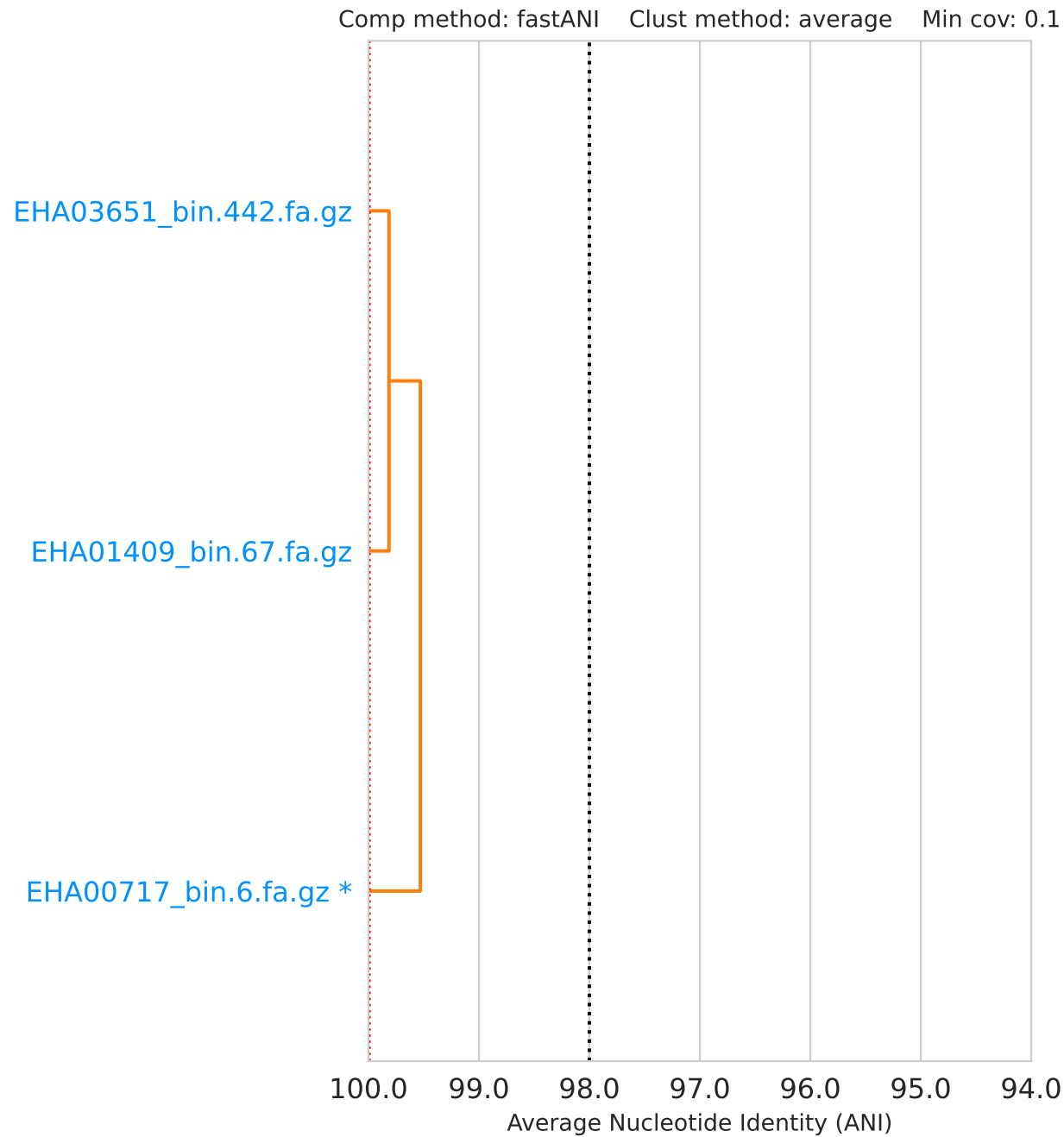
EHA03781\_bin.452.fa.gz \*

EHA00563\_bin.25.fa.gz

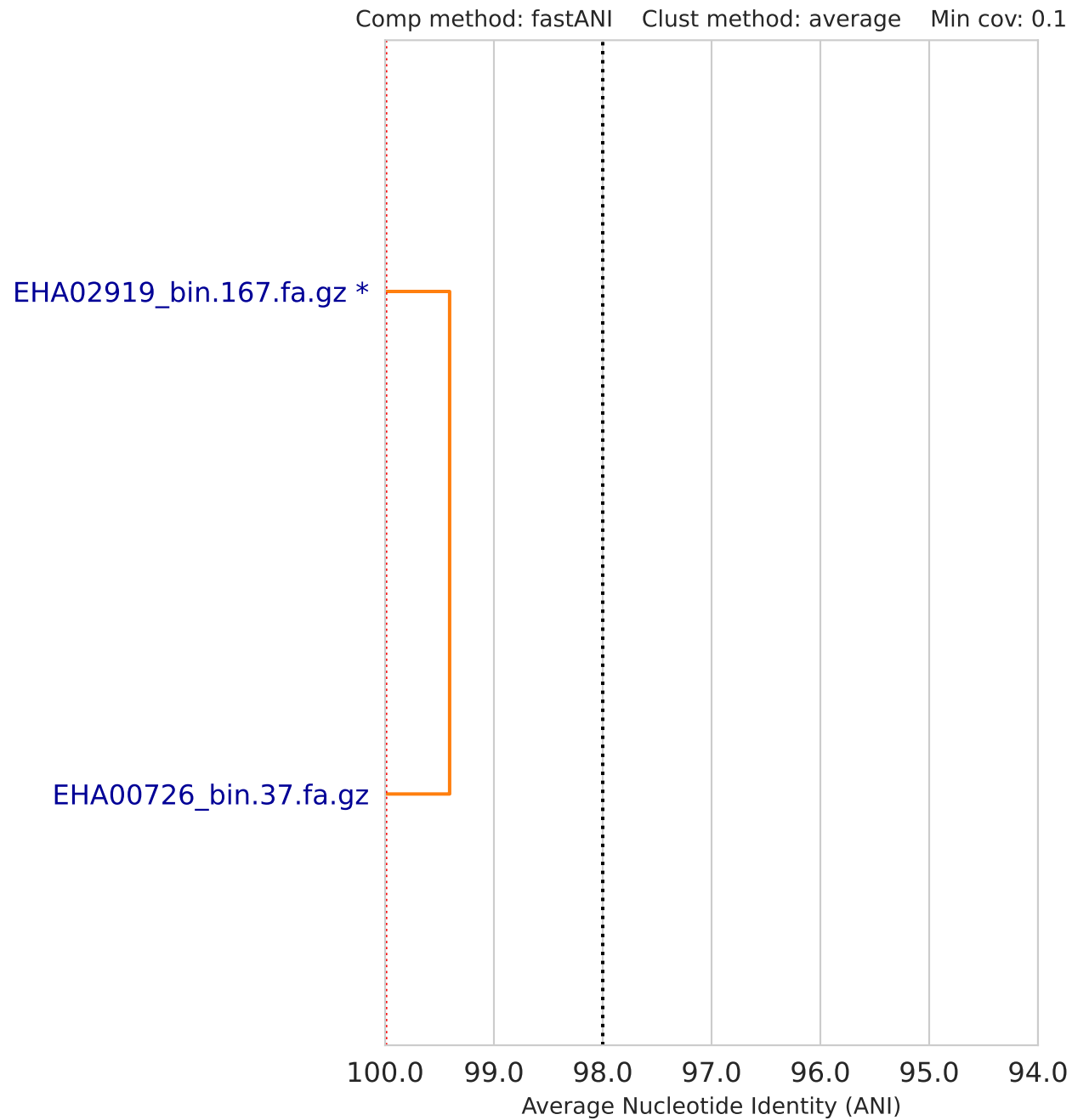
100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



# Primary cluster 884

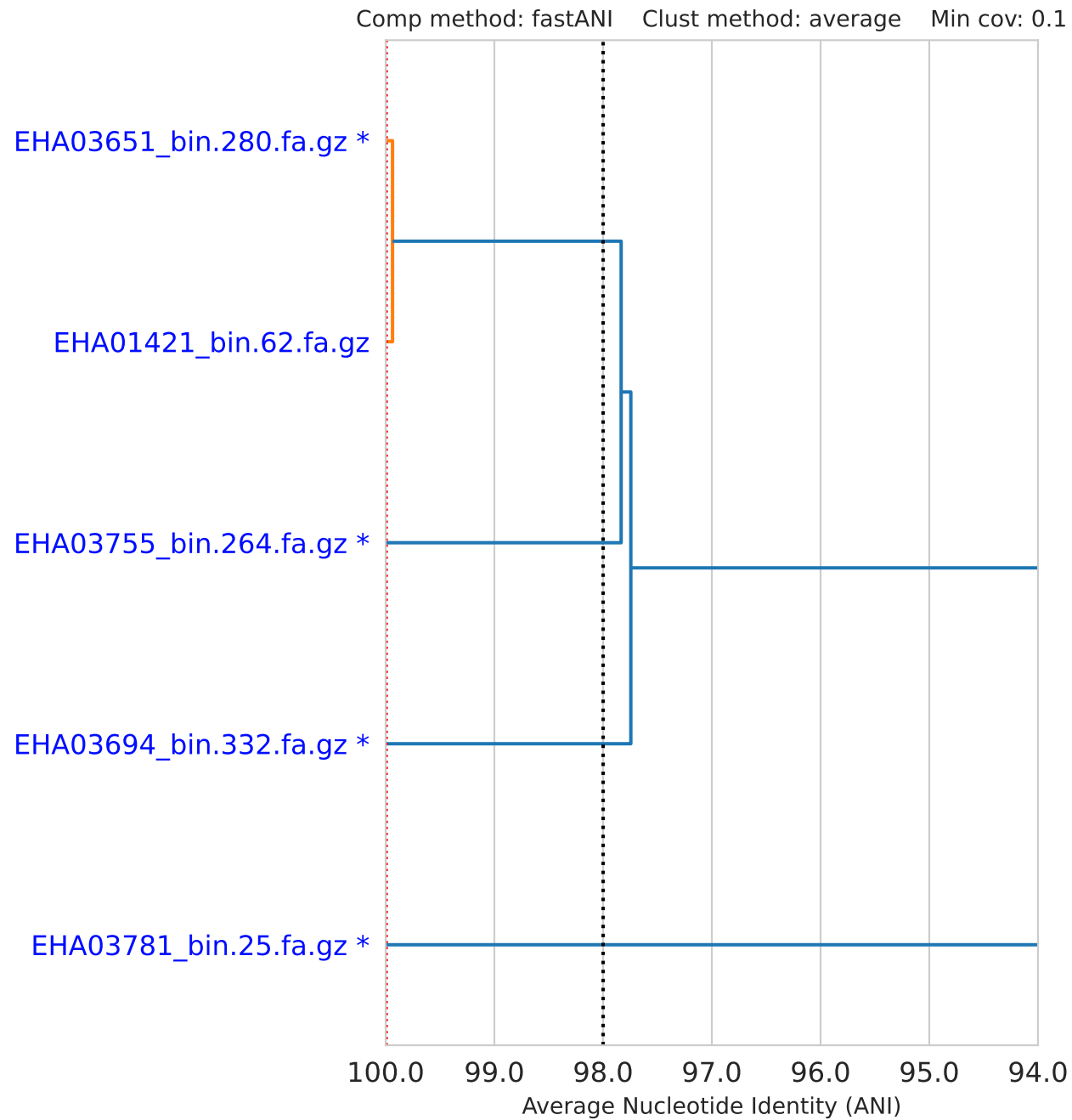


# Primary cluster 887

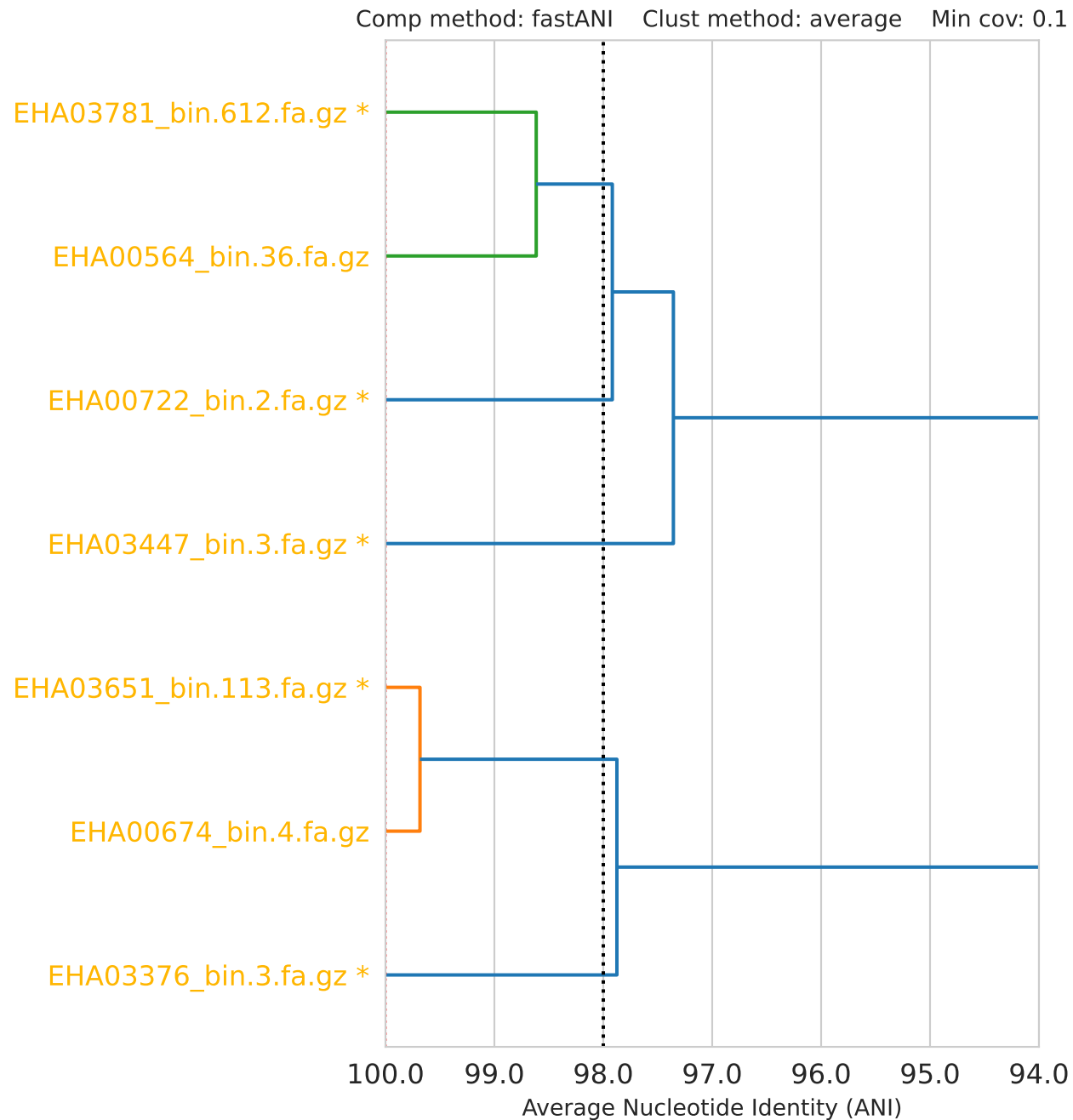




# Primary cluster 888



# Primary cluster 889



# Primary cluster 890

Comp method: fastANI

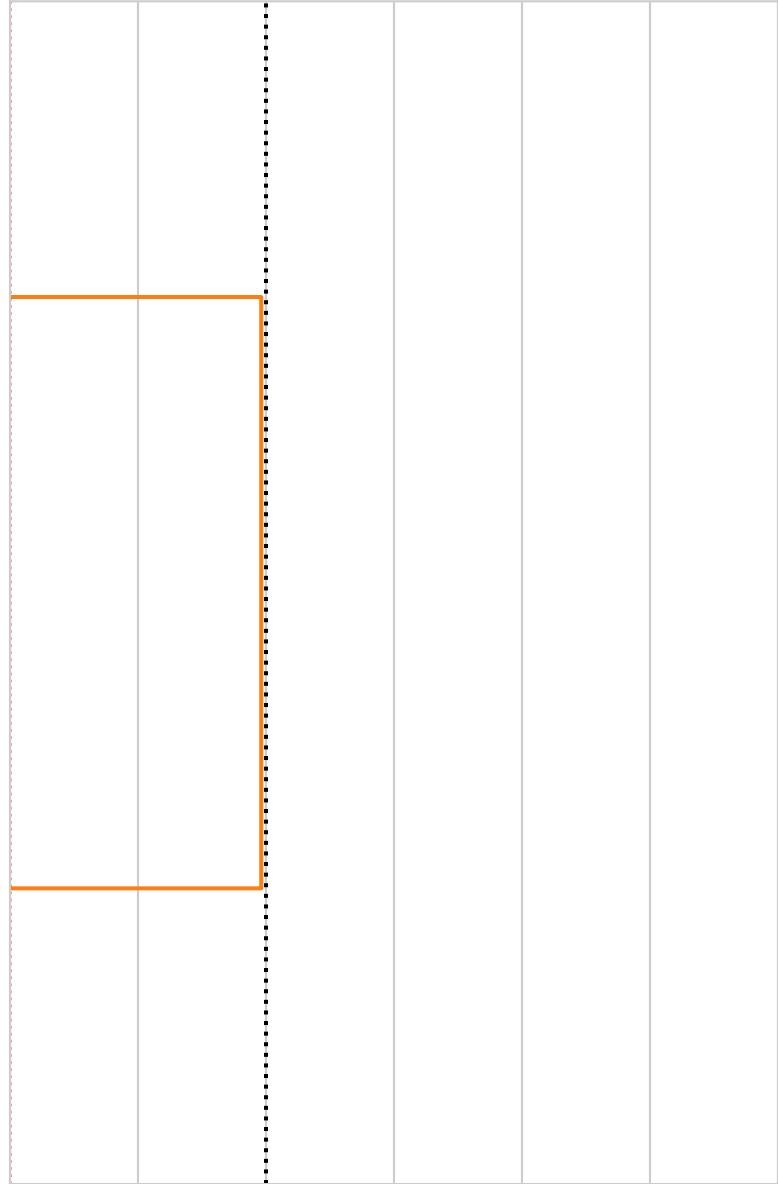
Clust method: average

Min cov: 0.1

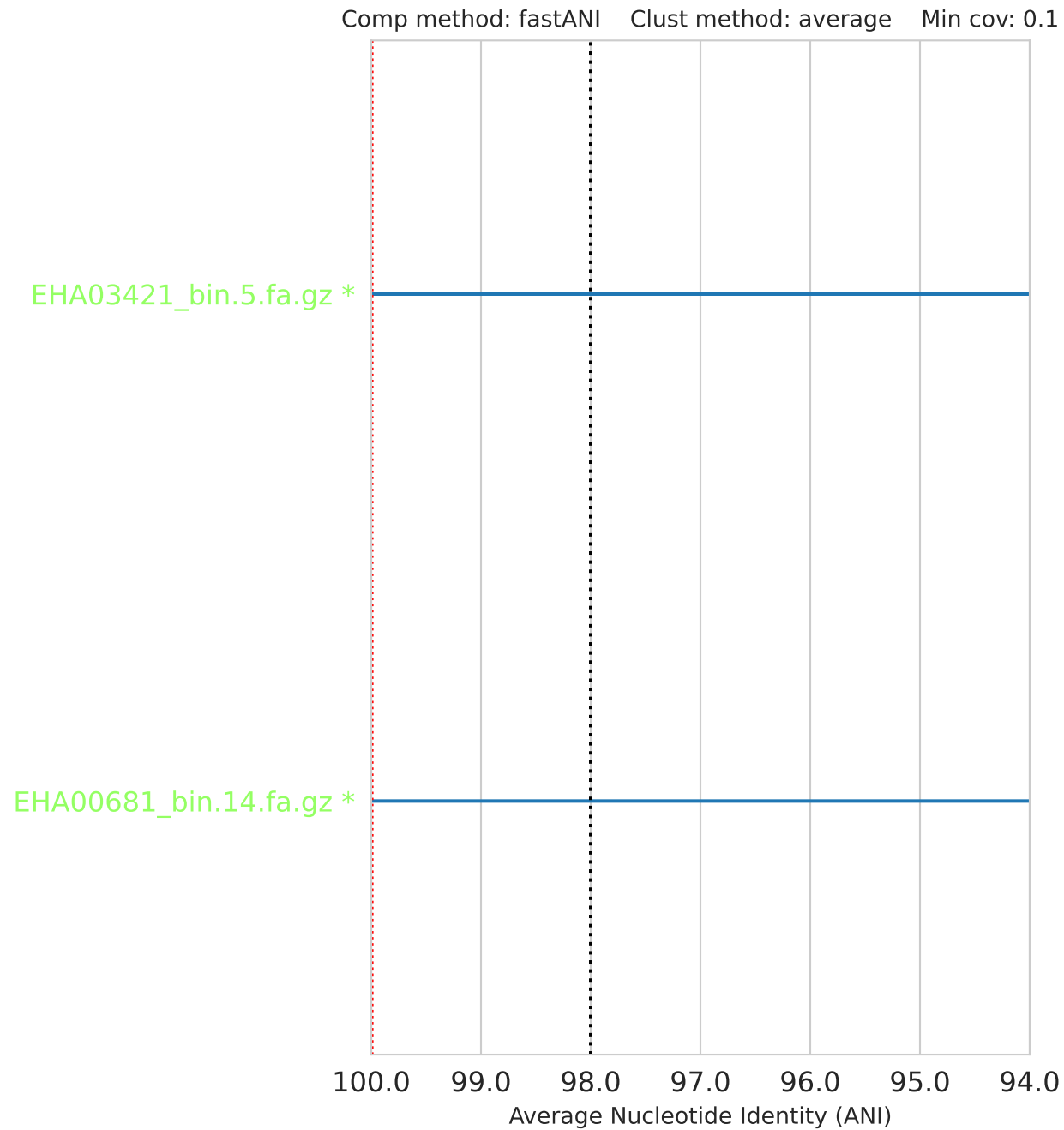
EHA02919\_bin.286.fa.gz

EHA01426\_bin.78.fa.gz \*

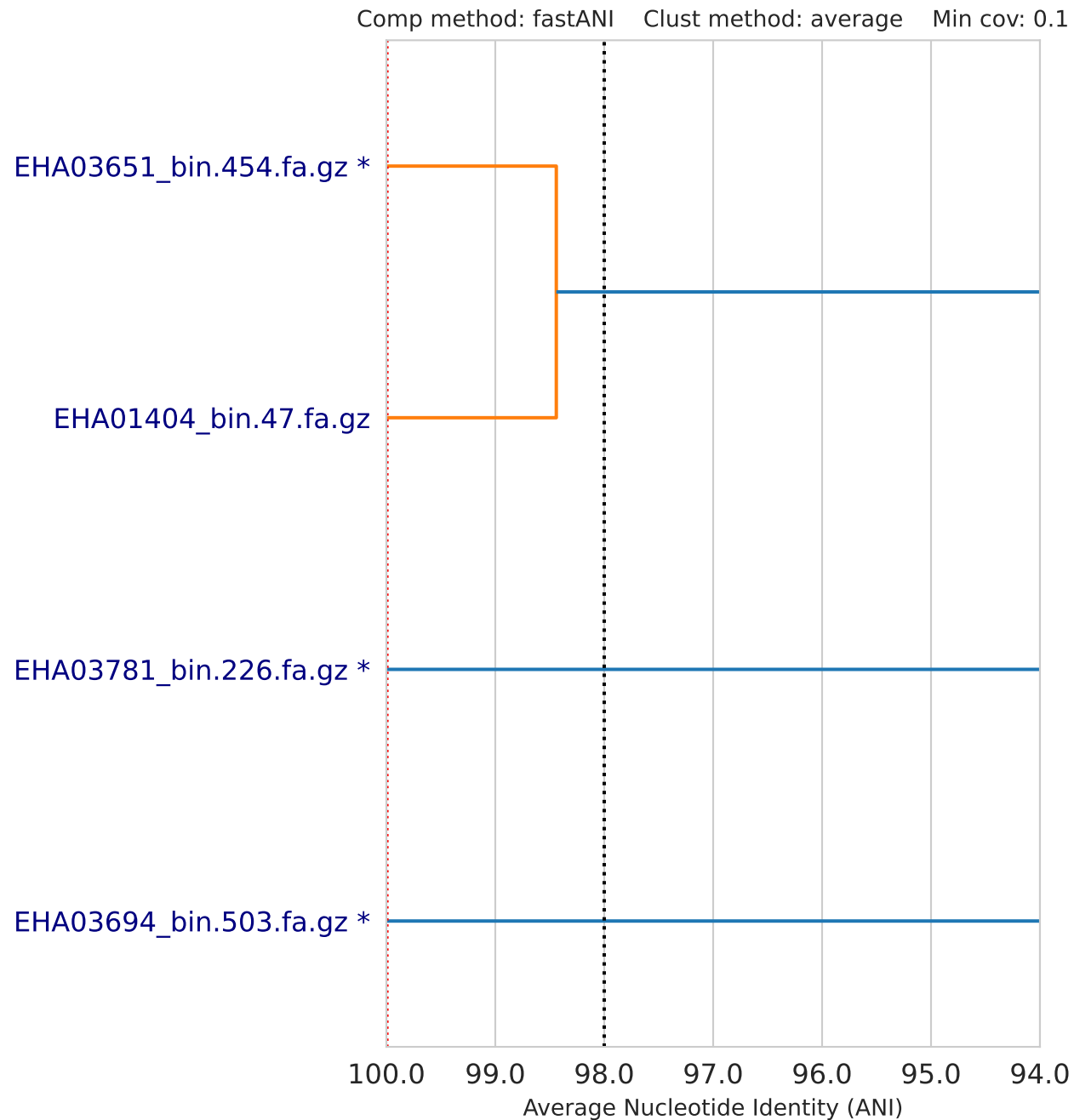
100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



# Primary cluster 891



# Primary cluster 893



# Primary cluster 894

Comp method: fastANI

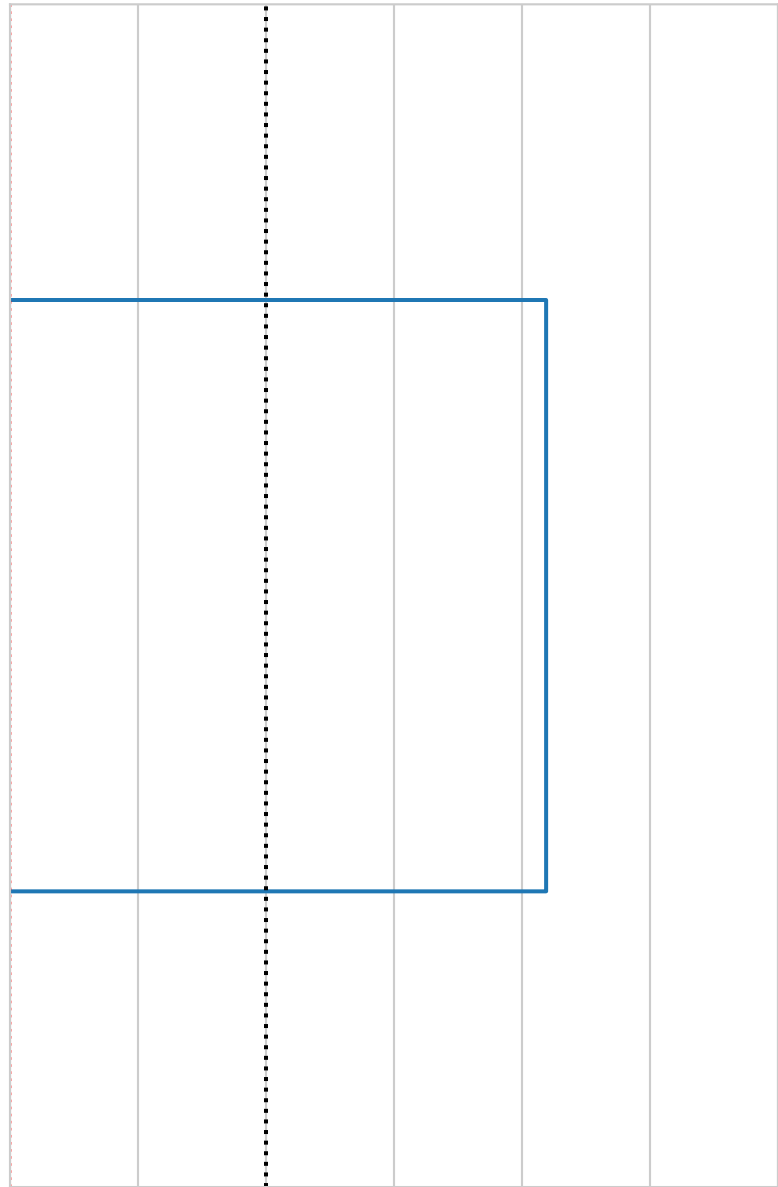
Clust method: average

Min cov: 0.1

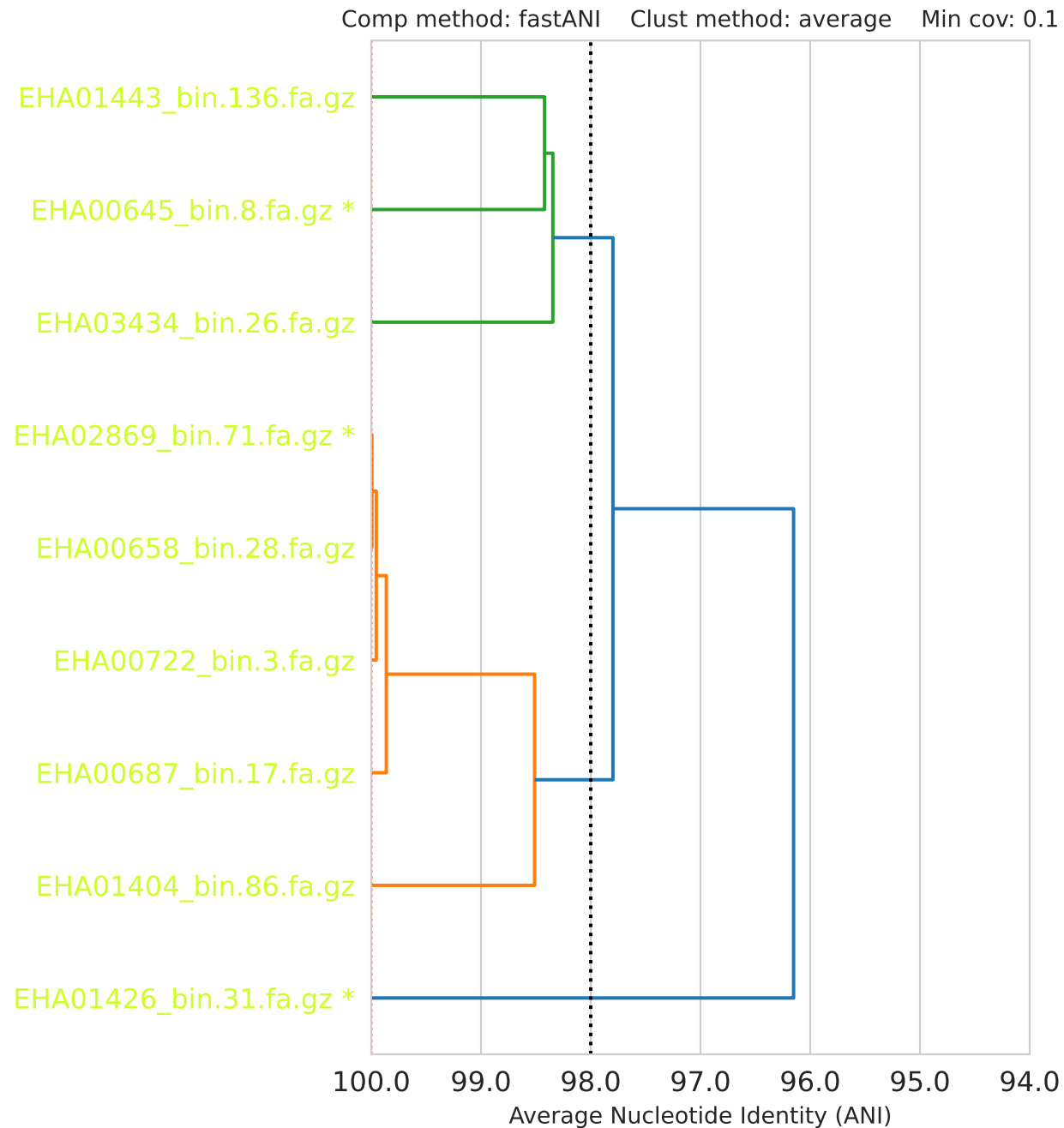
EHA03694\_bin.644.fa.gz \*

EHA03651\_bin.270.fa.gz \*

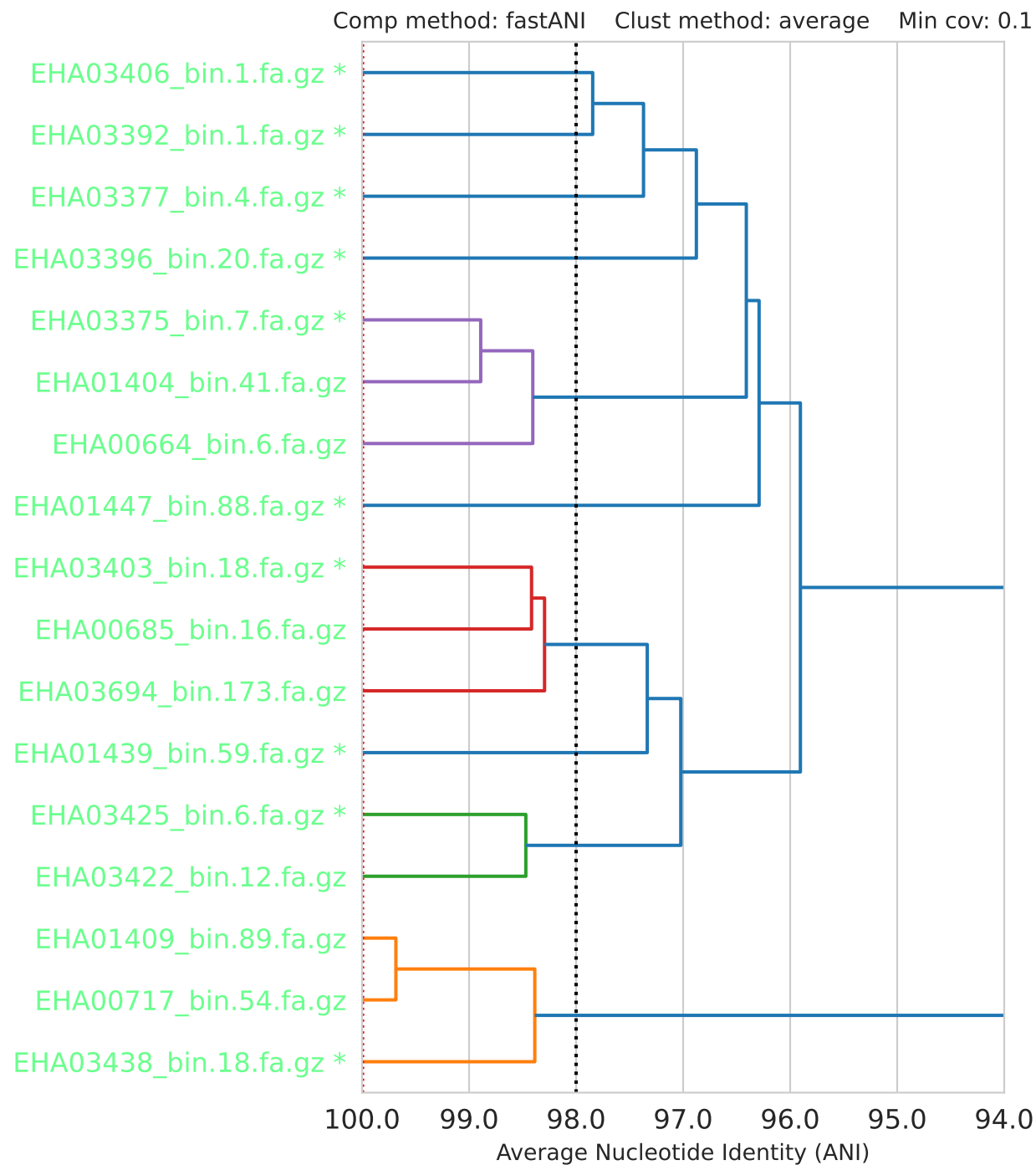
100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



# Primary cluster 895



# Primary cluster 897





# Primary cluster 898

Comp method: fastANI

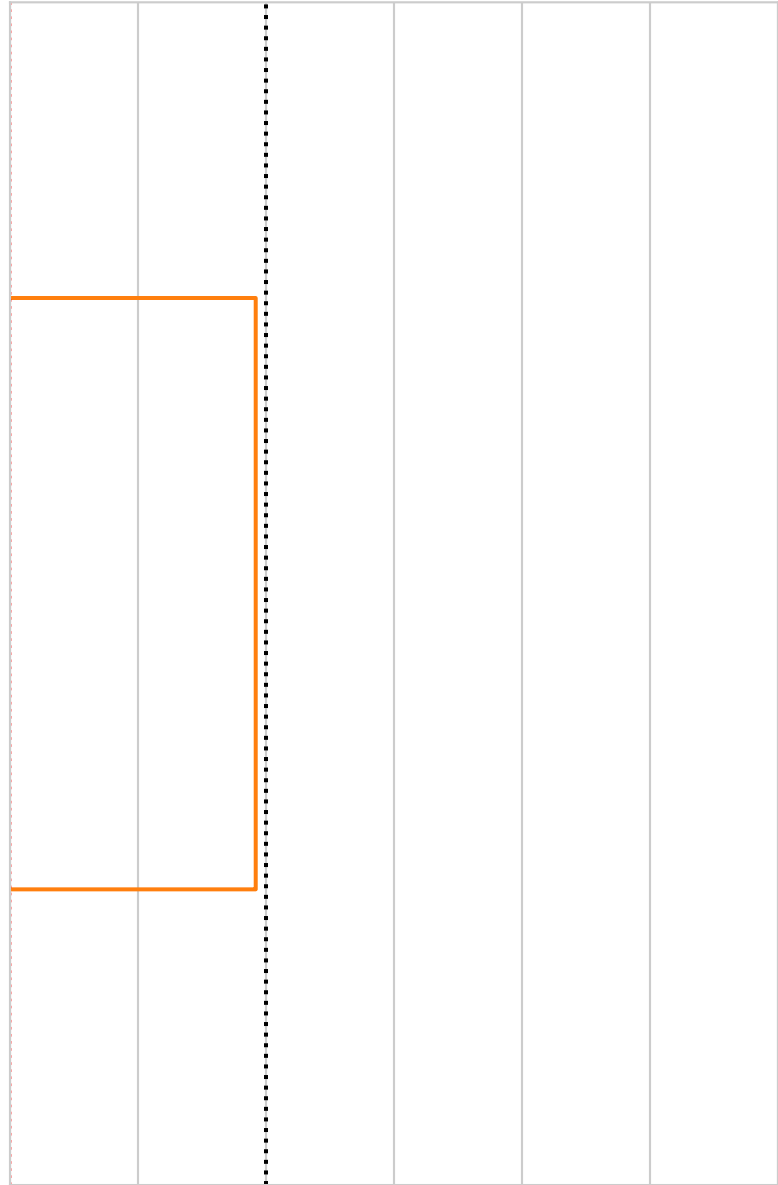
Clust method: average

Min cov: 0.1

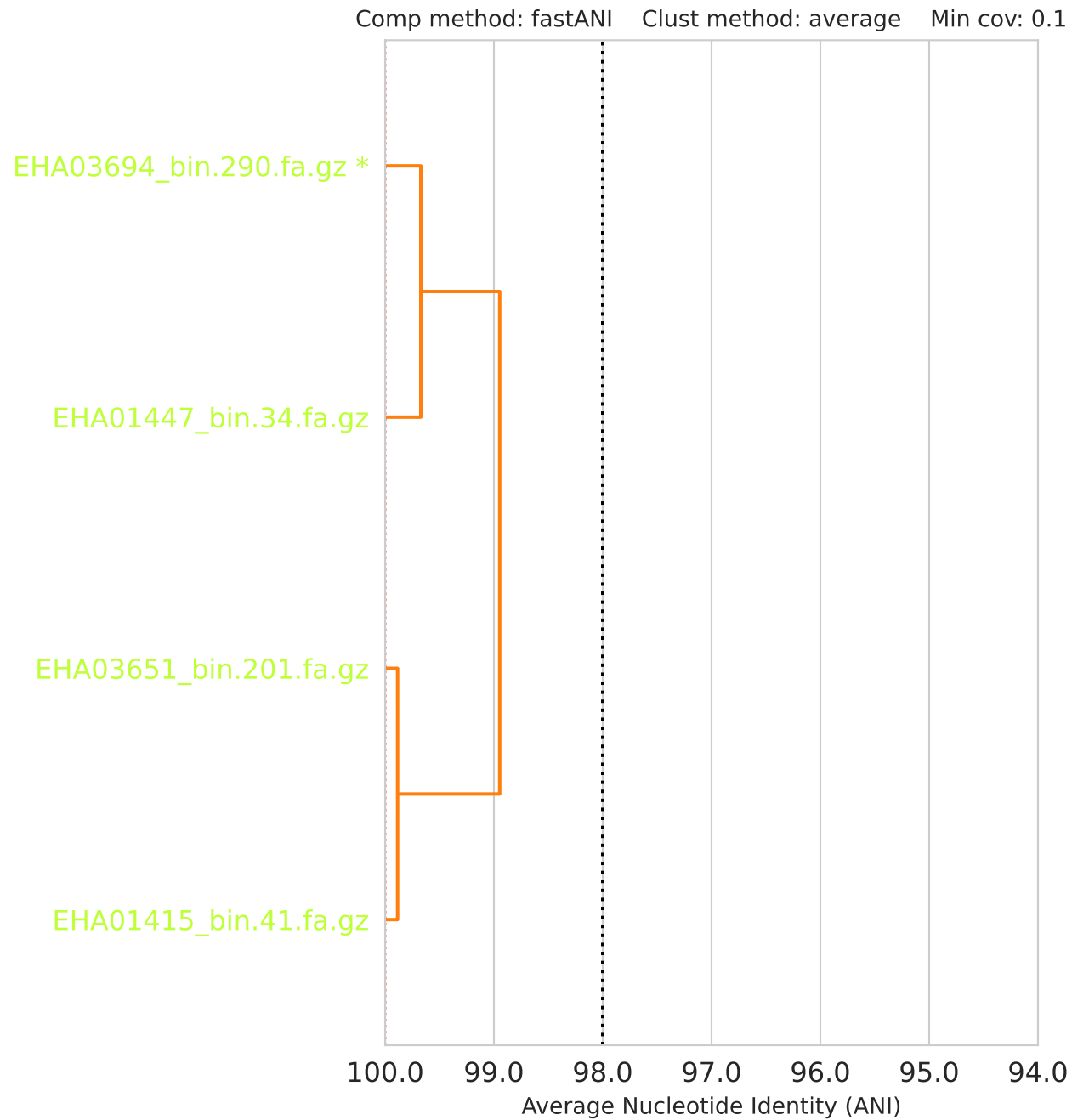
EHA03781\_bin.342.fa.gz

EHA01404\_bin.28.fa.gz \*

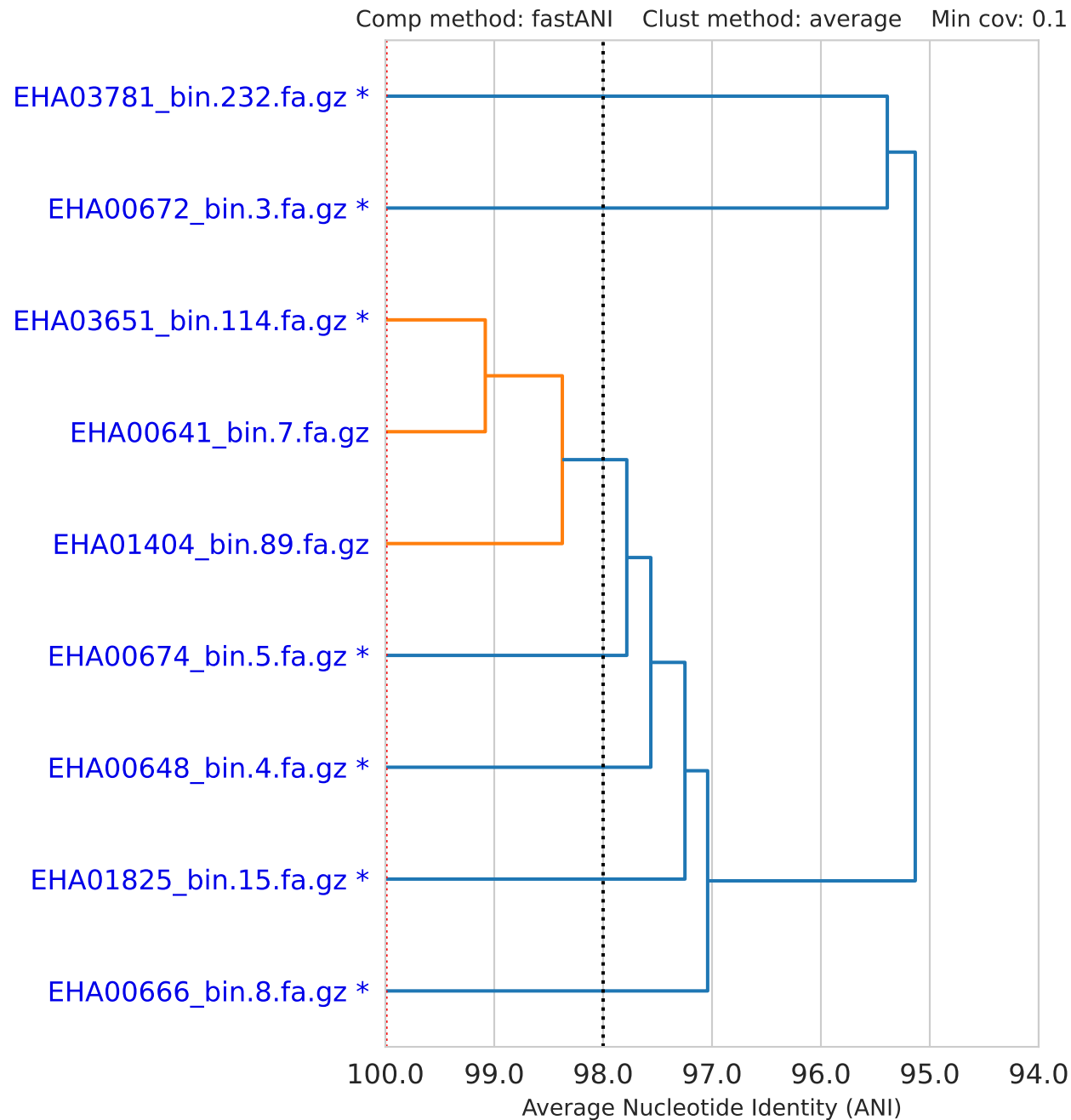
100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



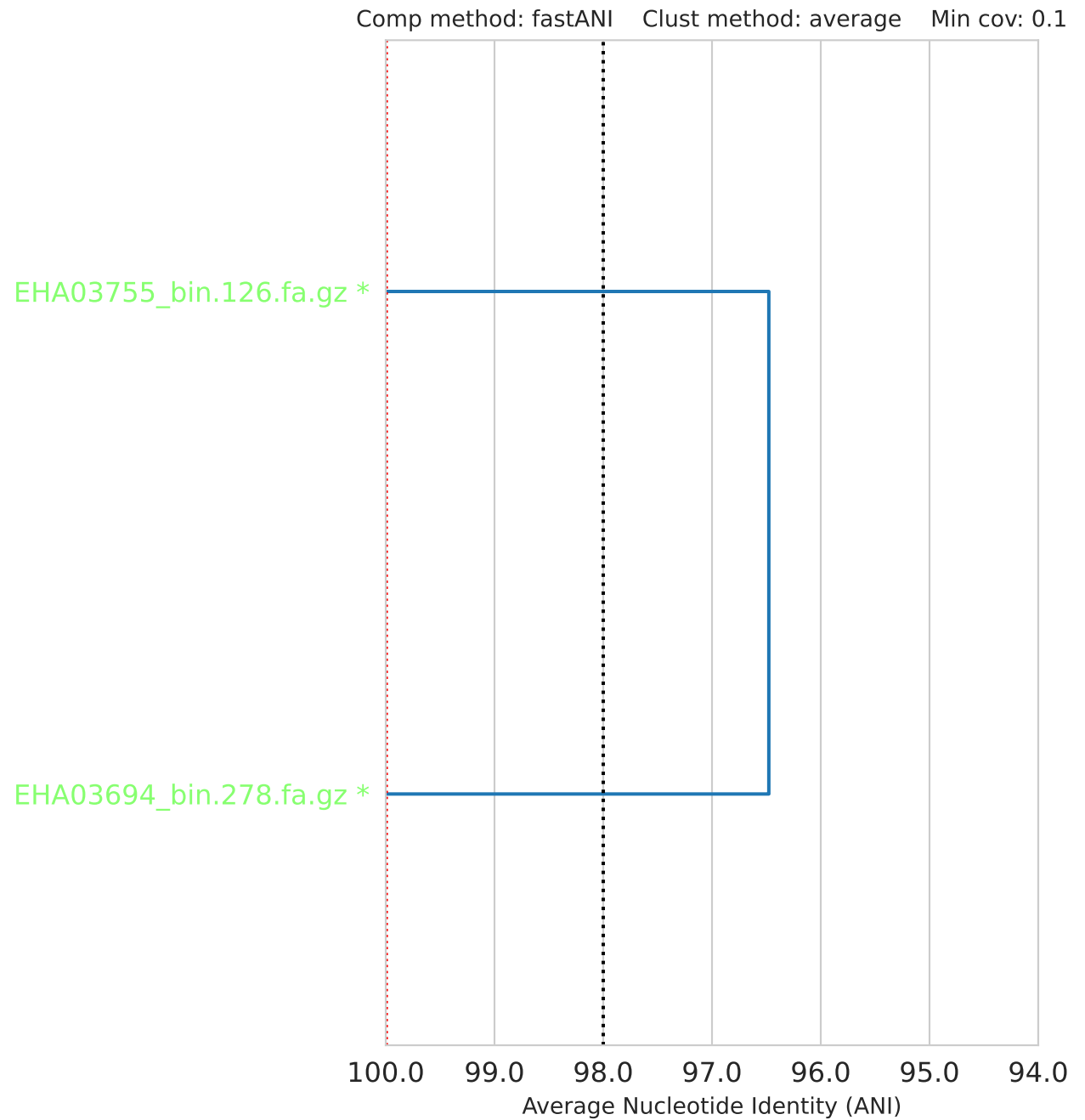
# Primary cluster 899



# Primary cluster 900



# Primary cluster 902



# Primary cluster 903

Comp method: fastANI

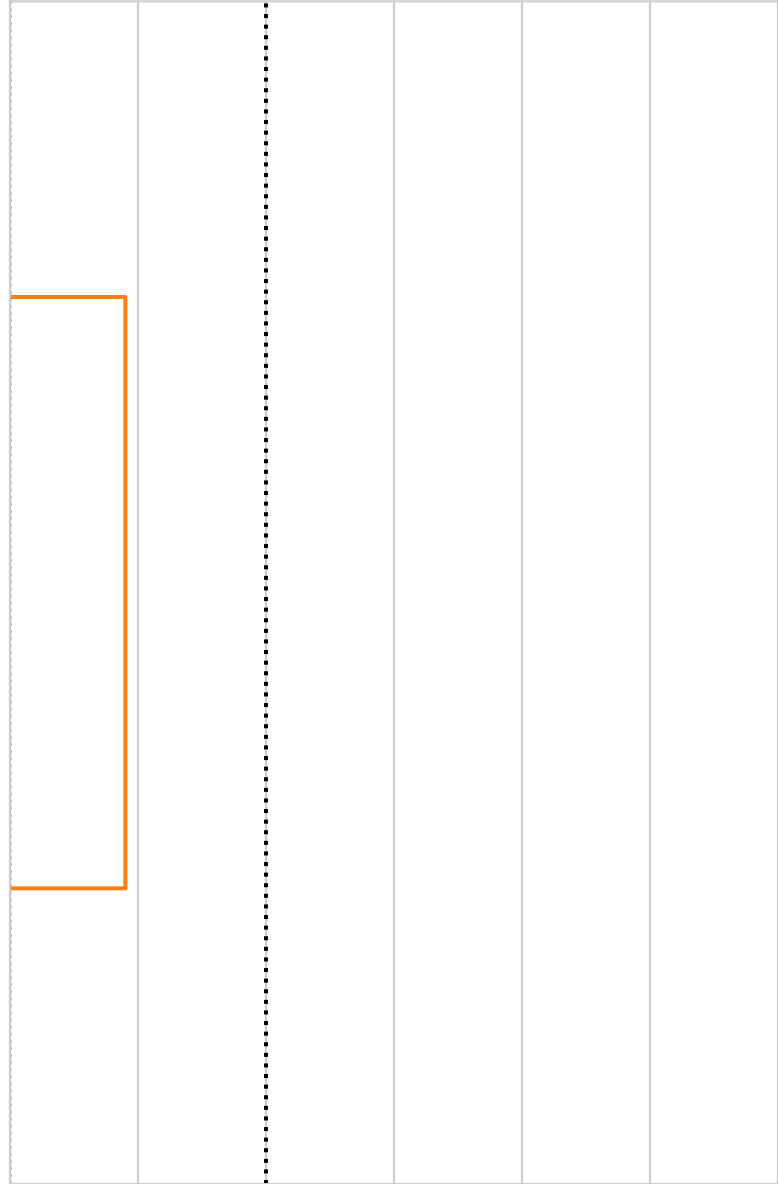
Clust method: average

Min cov: 0.1

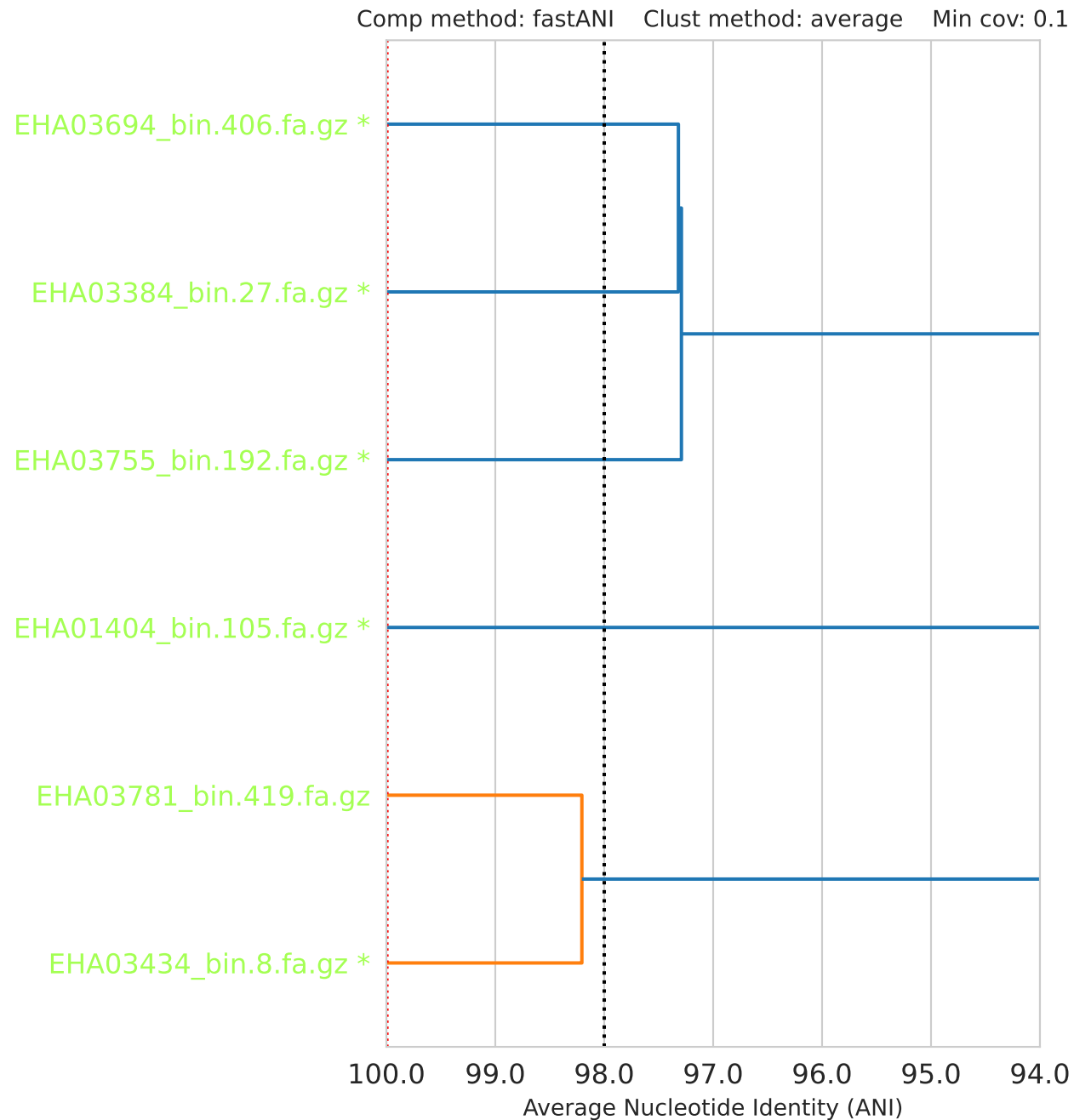
EHA03694\_bin.301.fa.gz \*

EHA01432\_bin.146.fa.gz

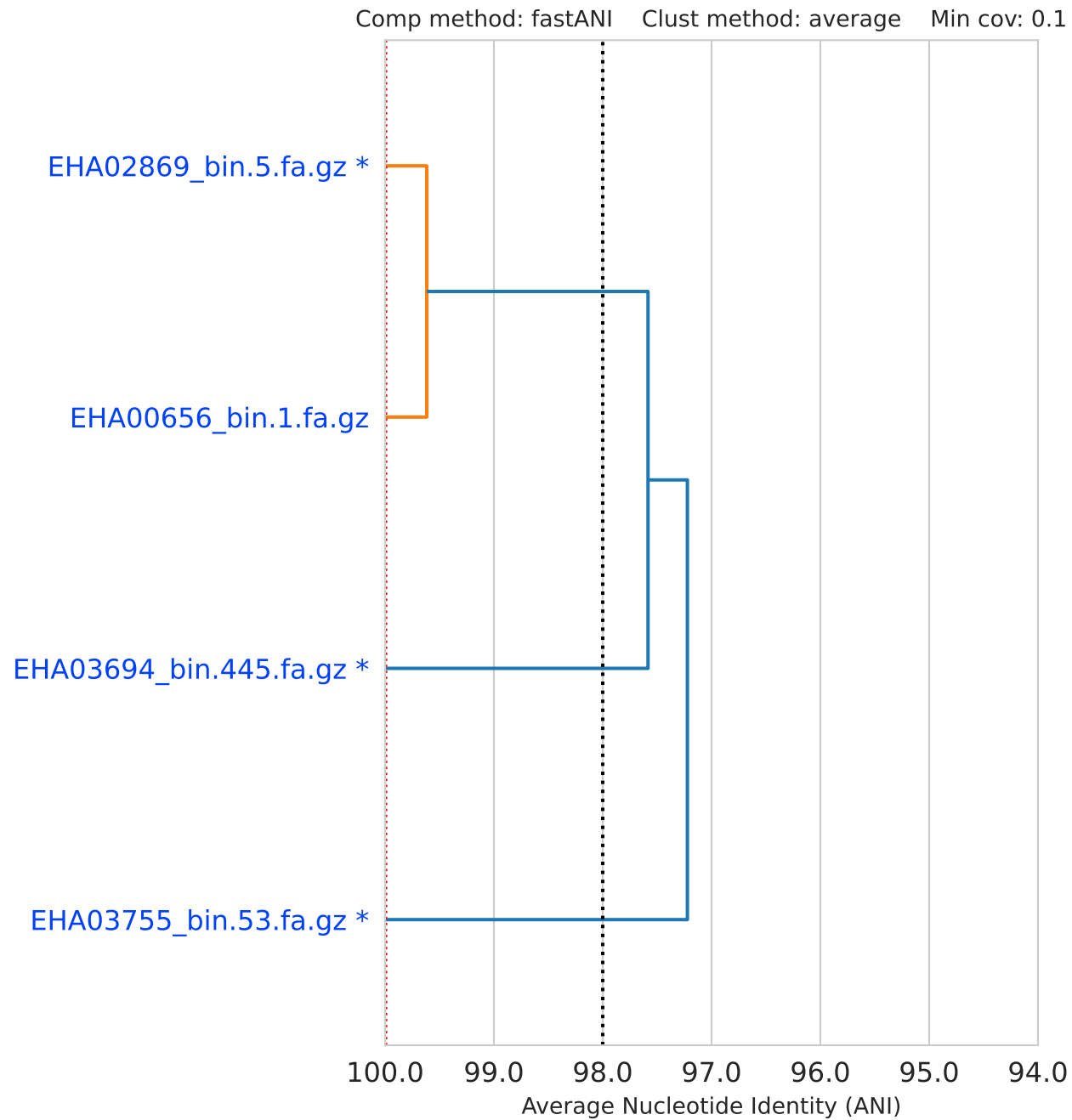
100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



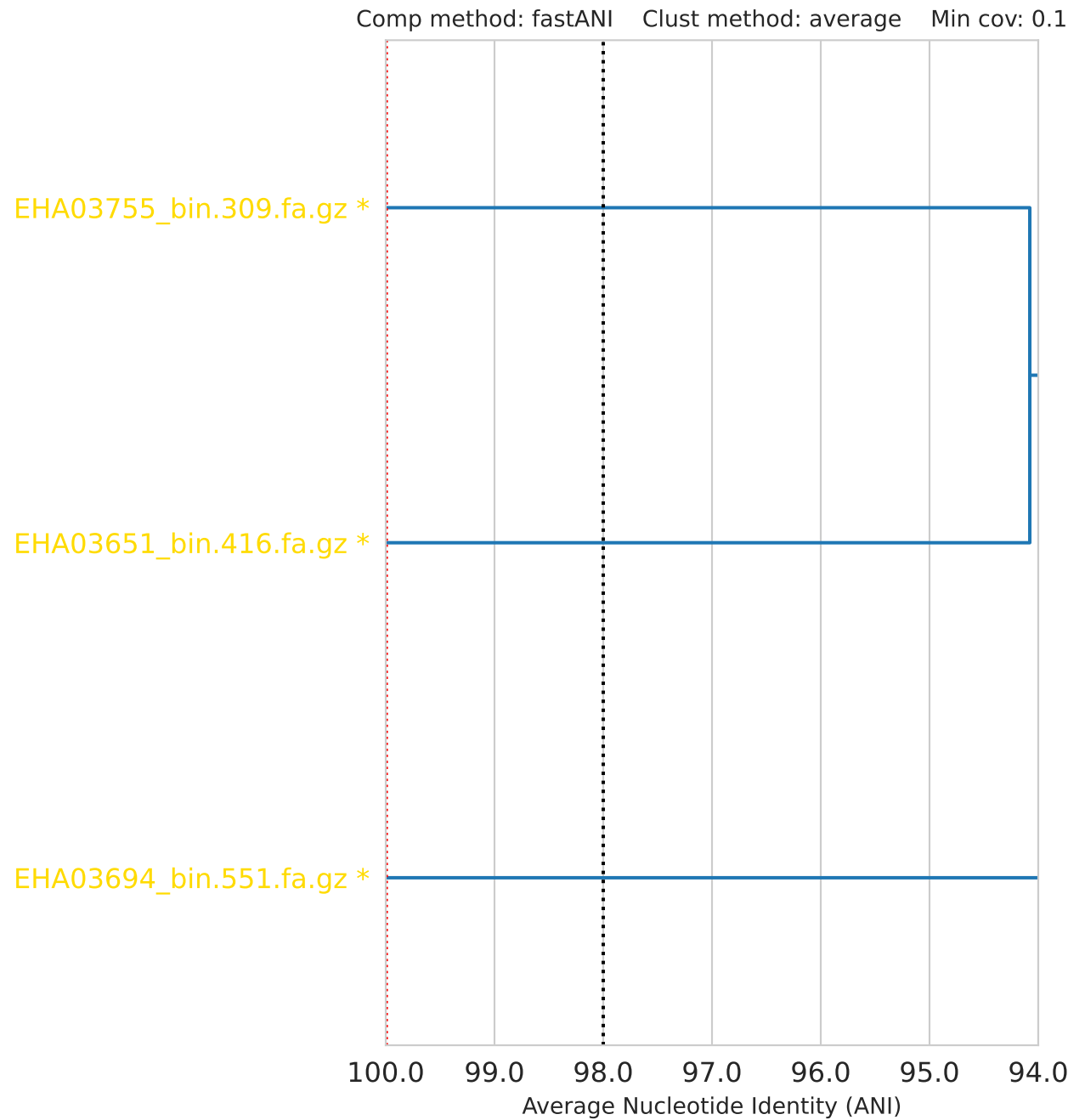
# Primary cluster 908



# Primary cluster 910

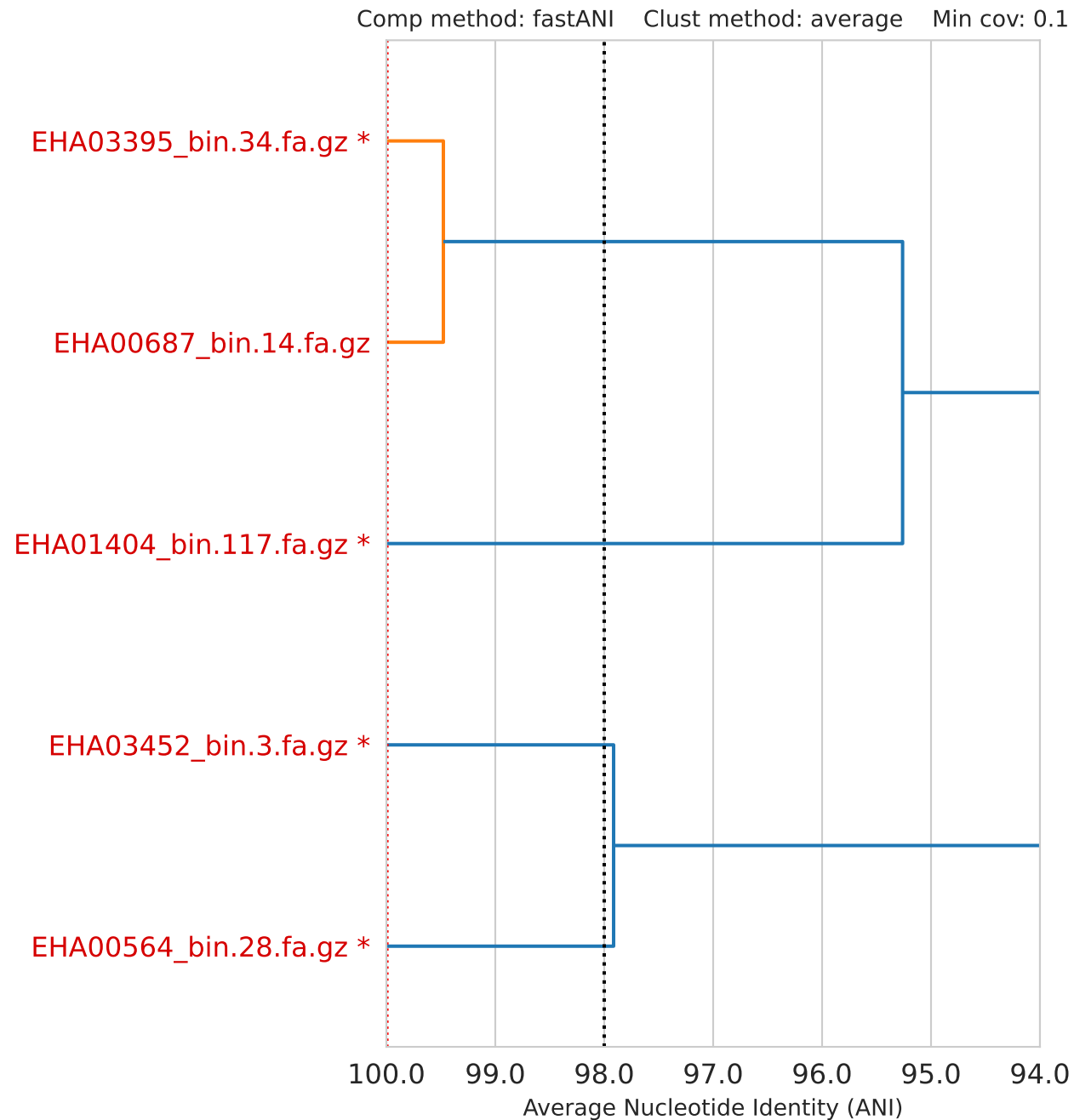


# Primary cluster 912

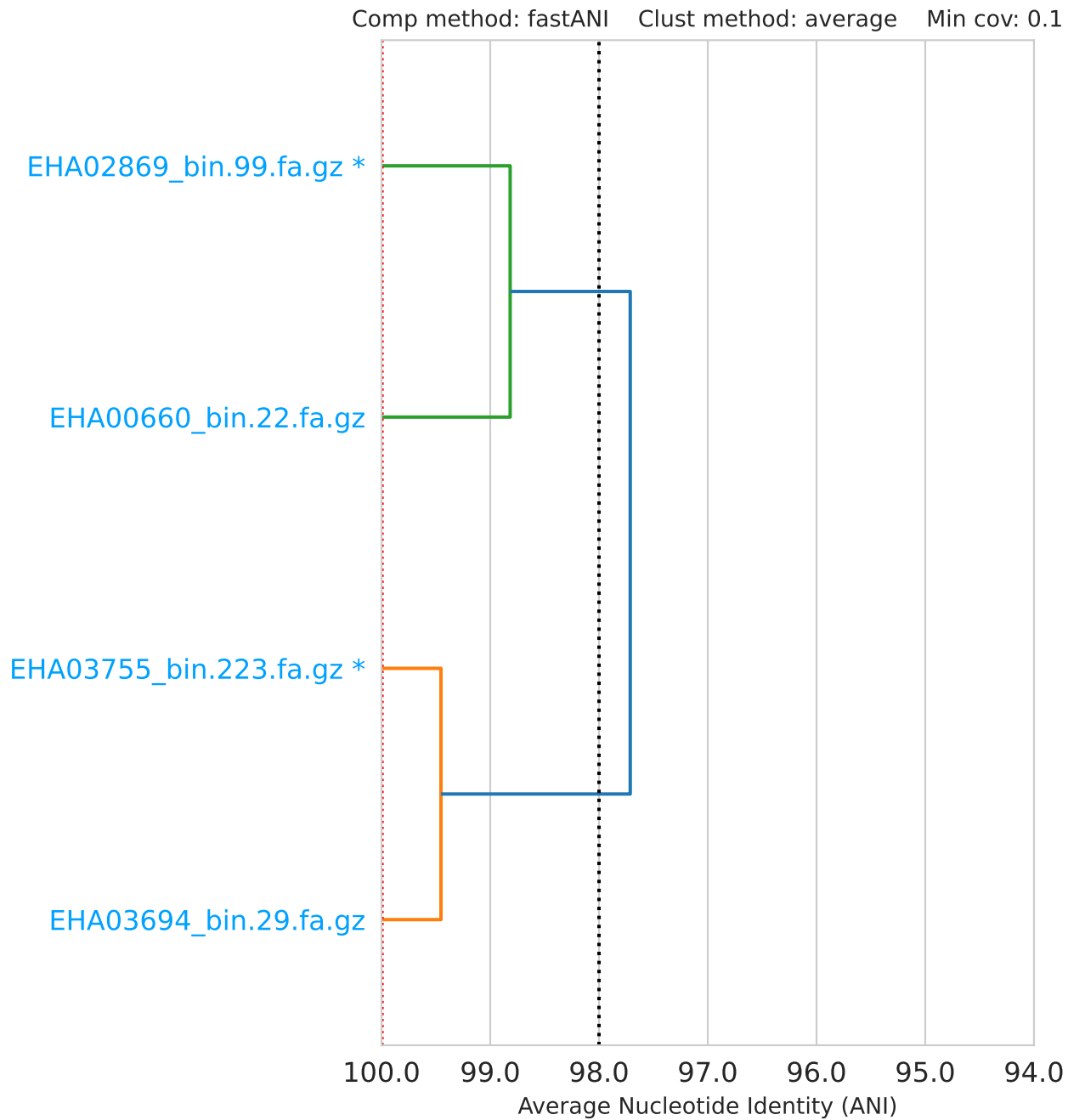




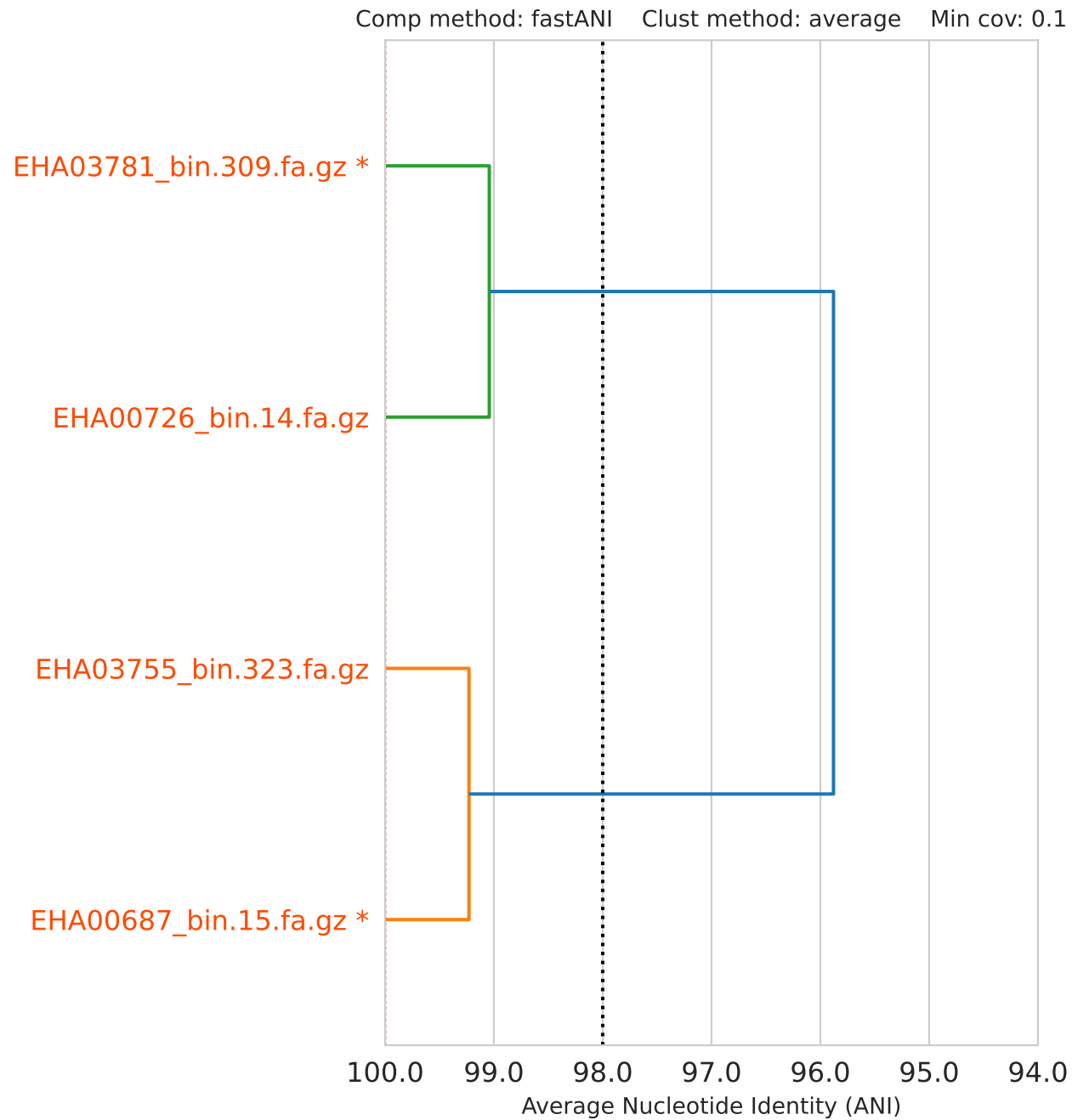
# Primary cluster 913



# Primary cluster 914



# Primary cluster 915



# Primary cluster 916

Comp method: fastANI

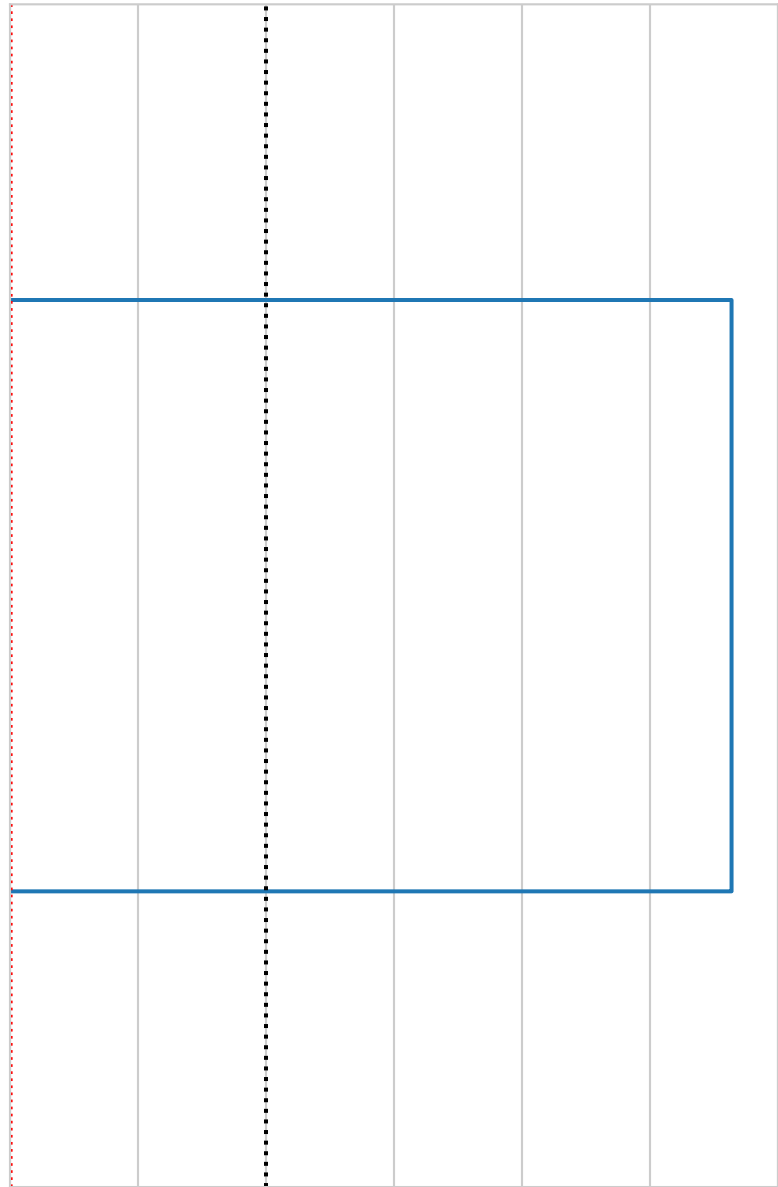
Clust method: average

Min cov: 0.1

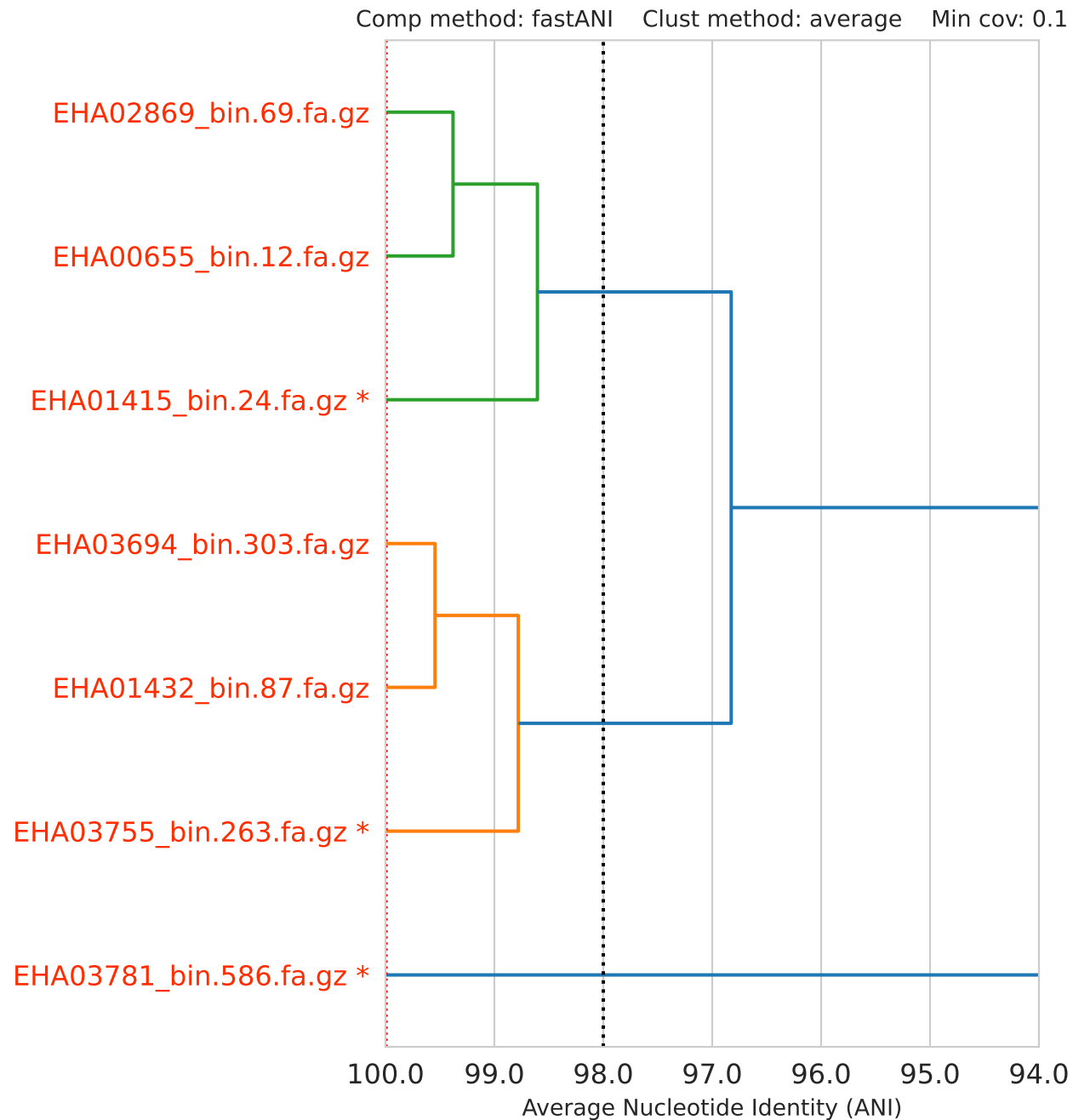
EHA03781\_bin.224.fa.gz \*

EHA03755\_bin.60.fa.gz \*

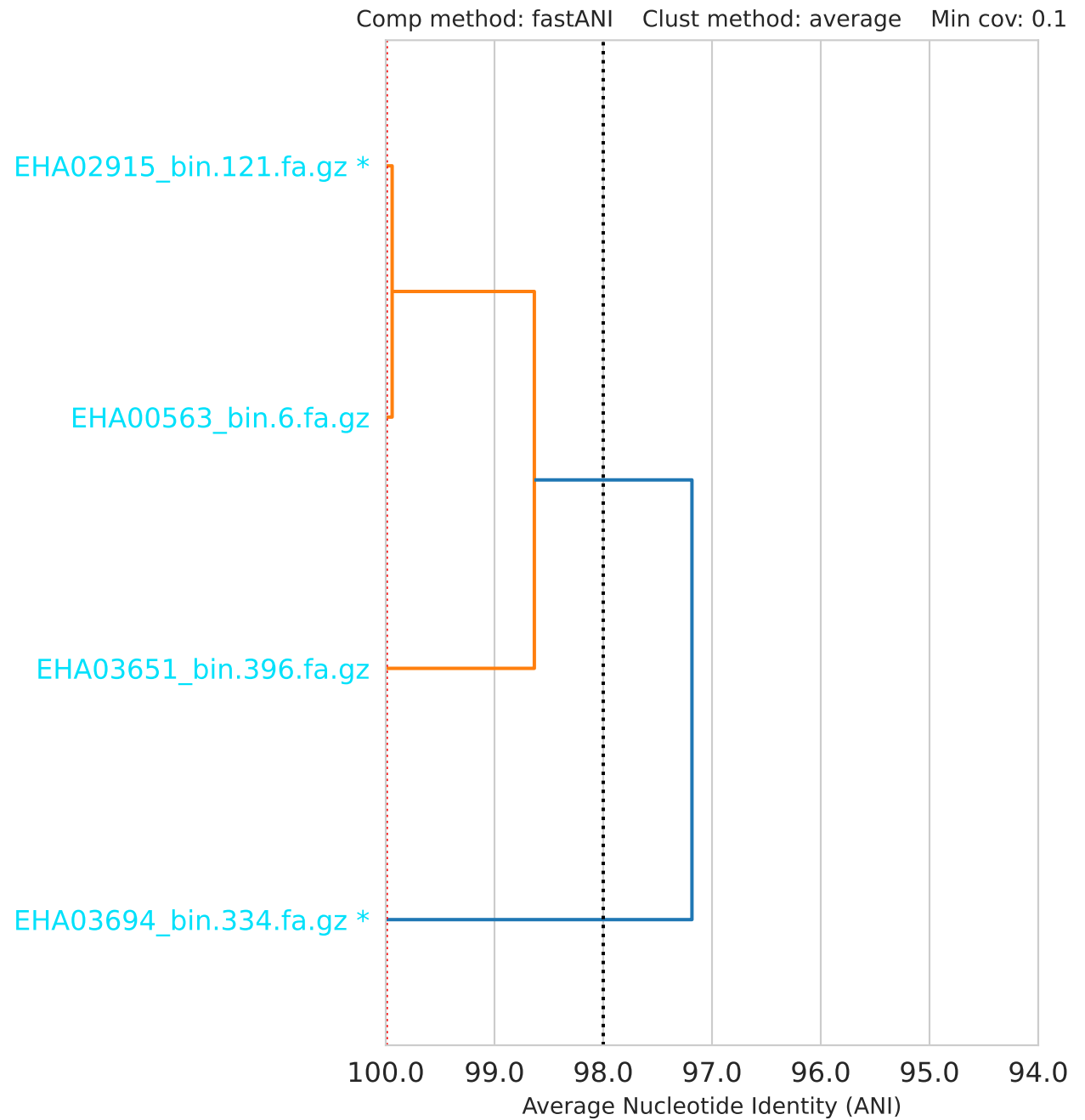
100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



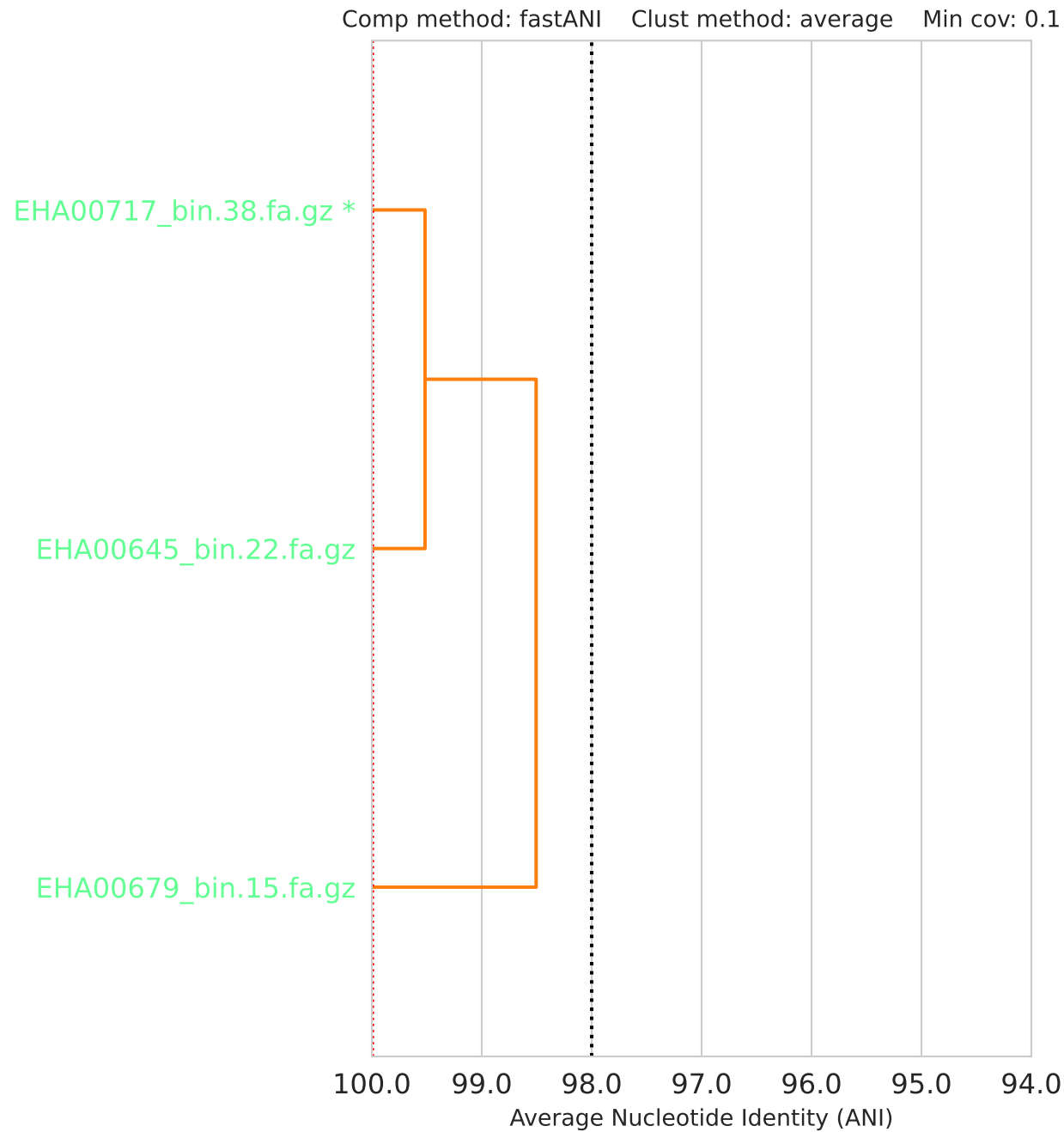
# Primary cluster 918



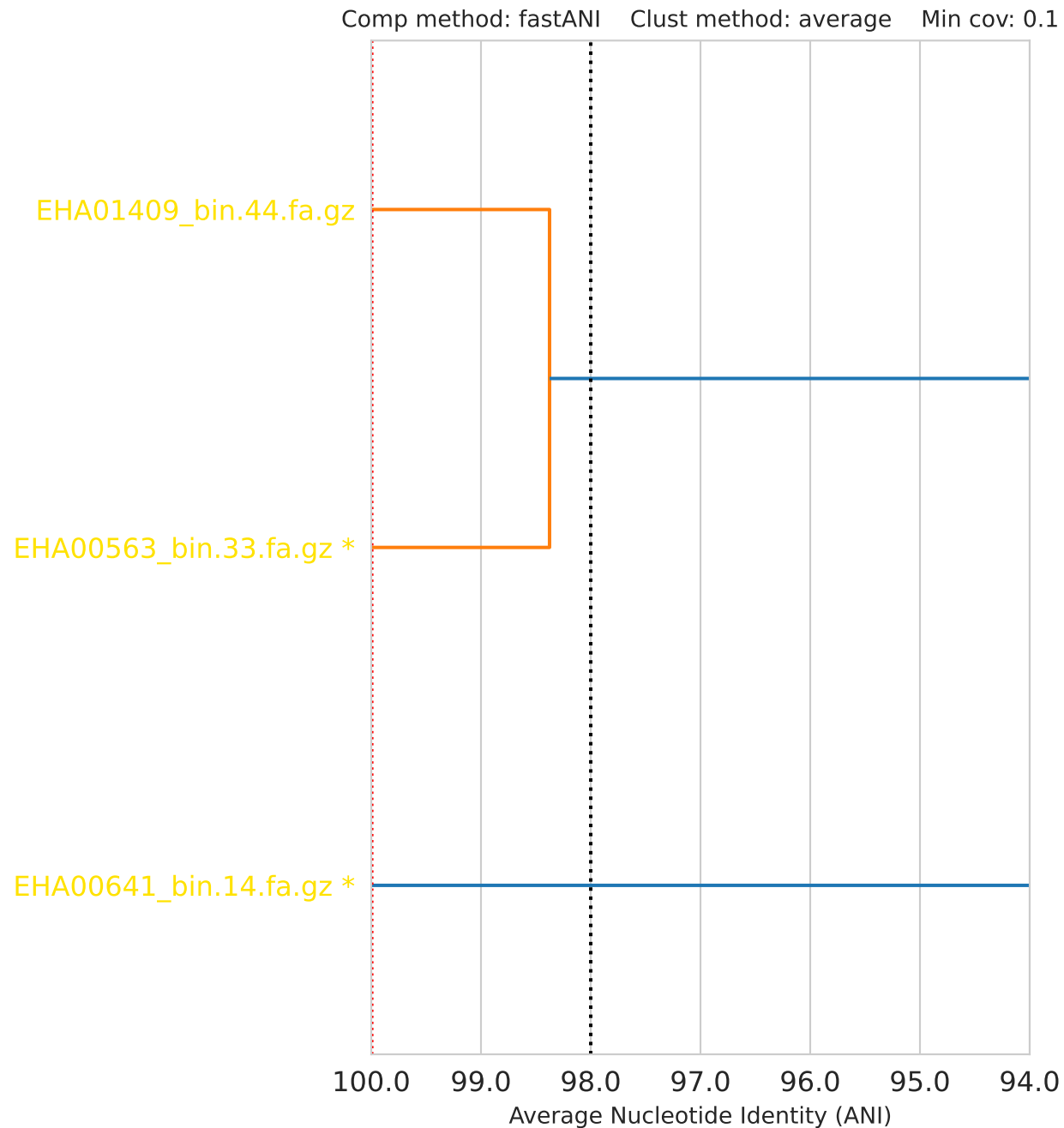
# Primary cluster 919



# Primary cluster 922

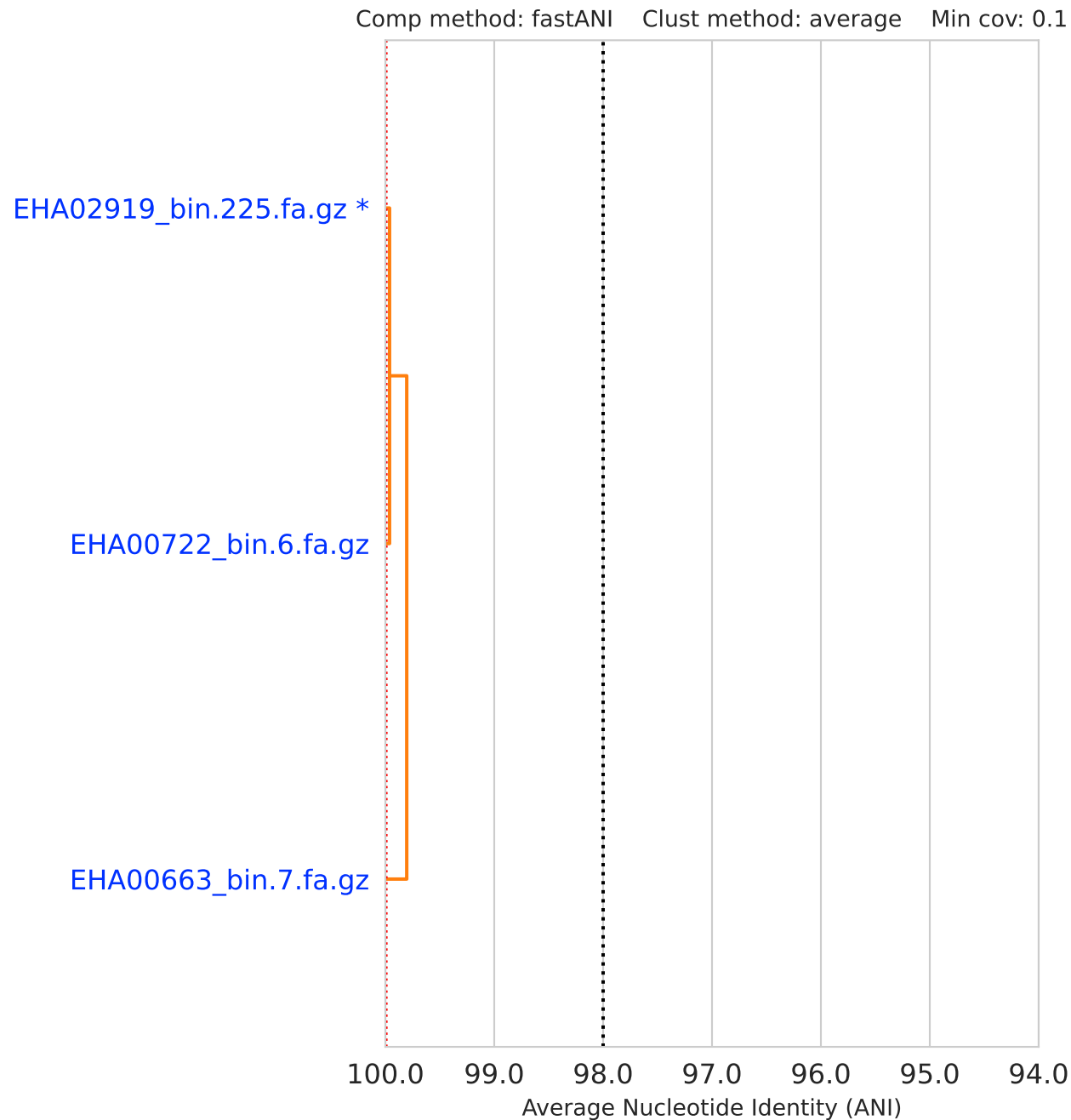


# Primary cluster 923

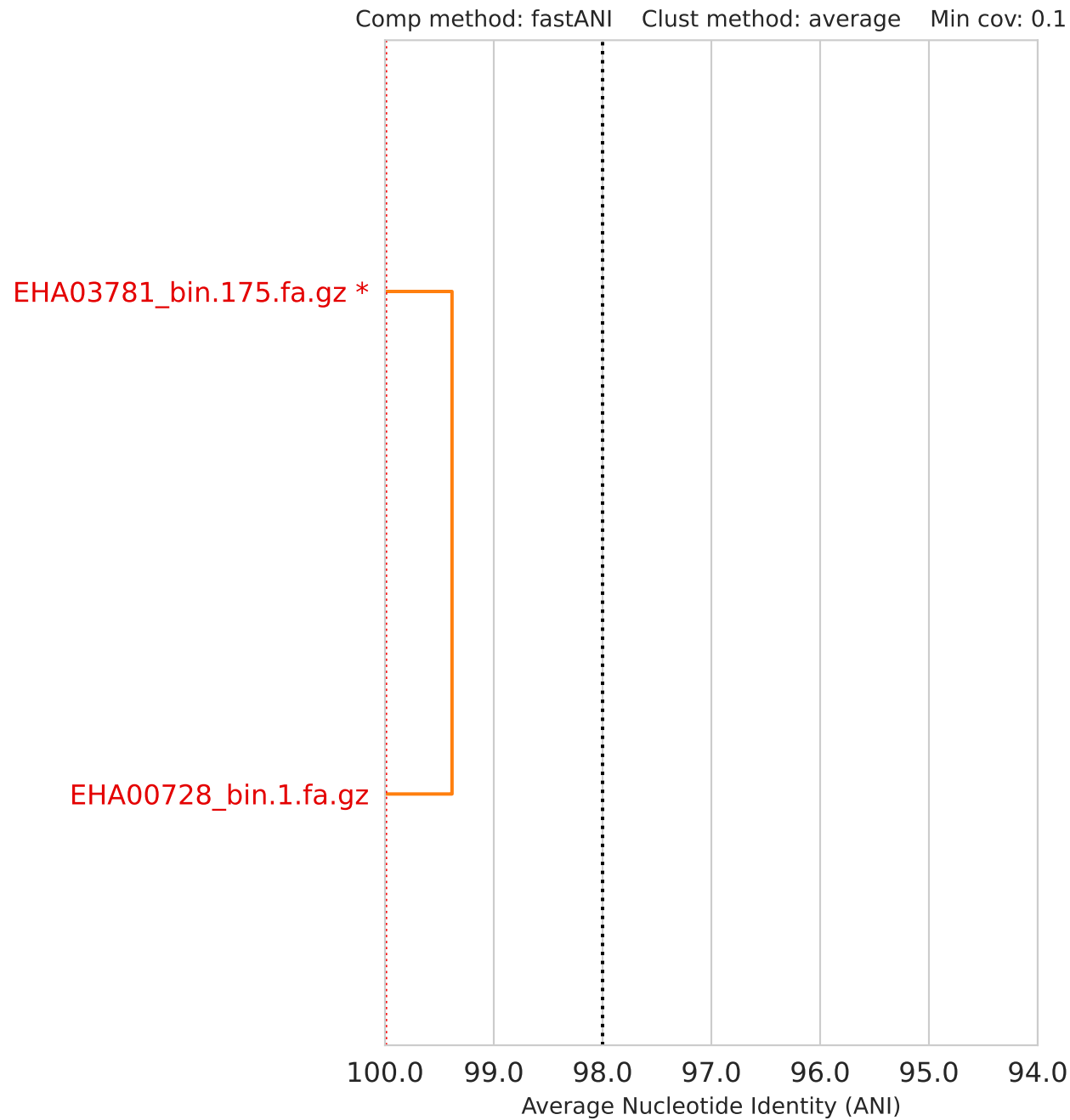




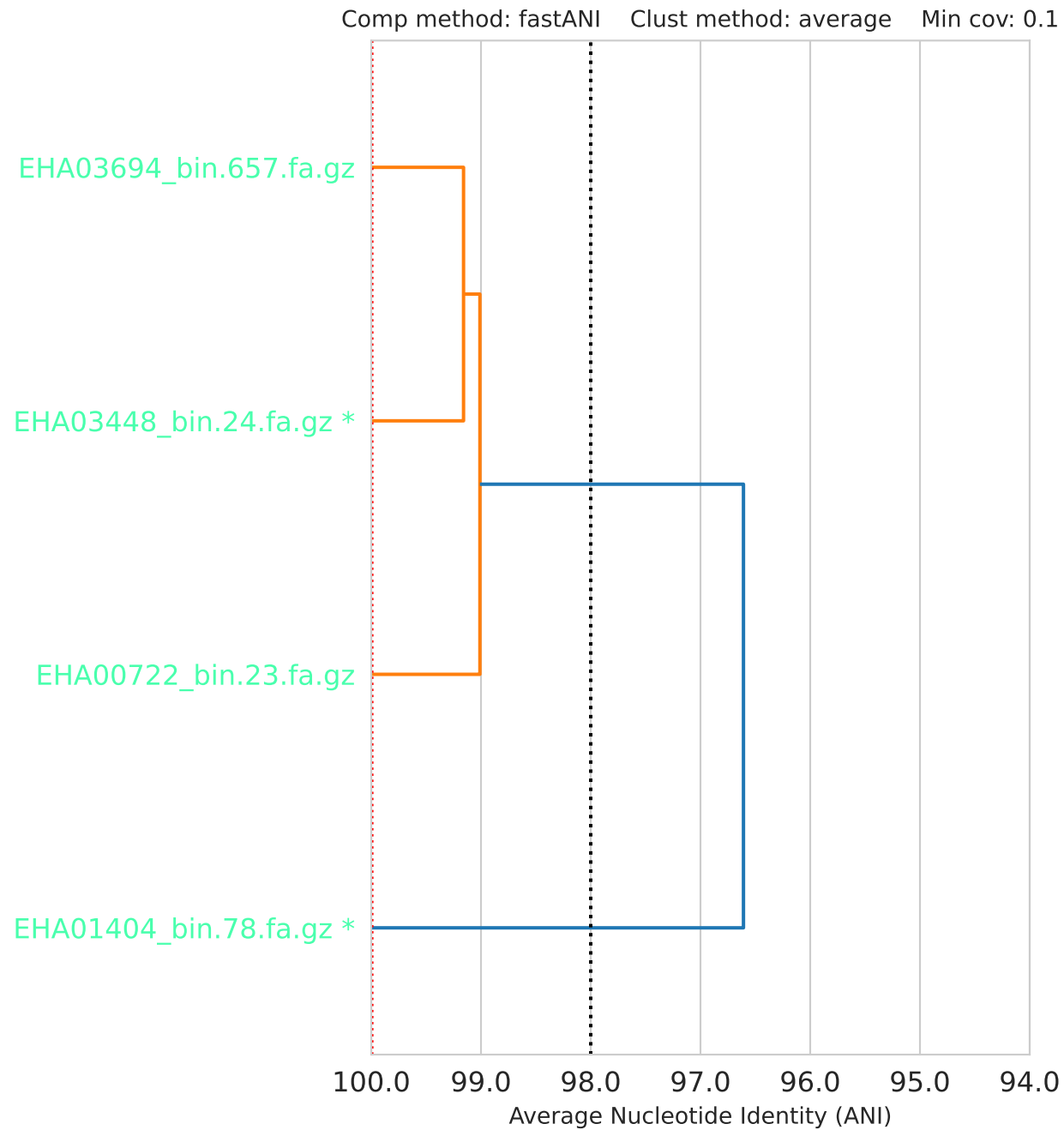
# Primary cluster 924



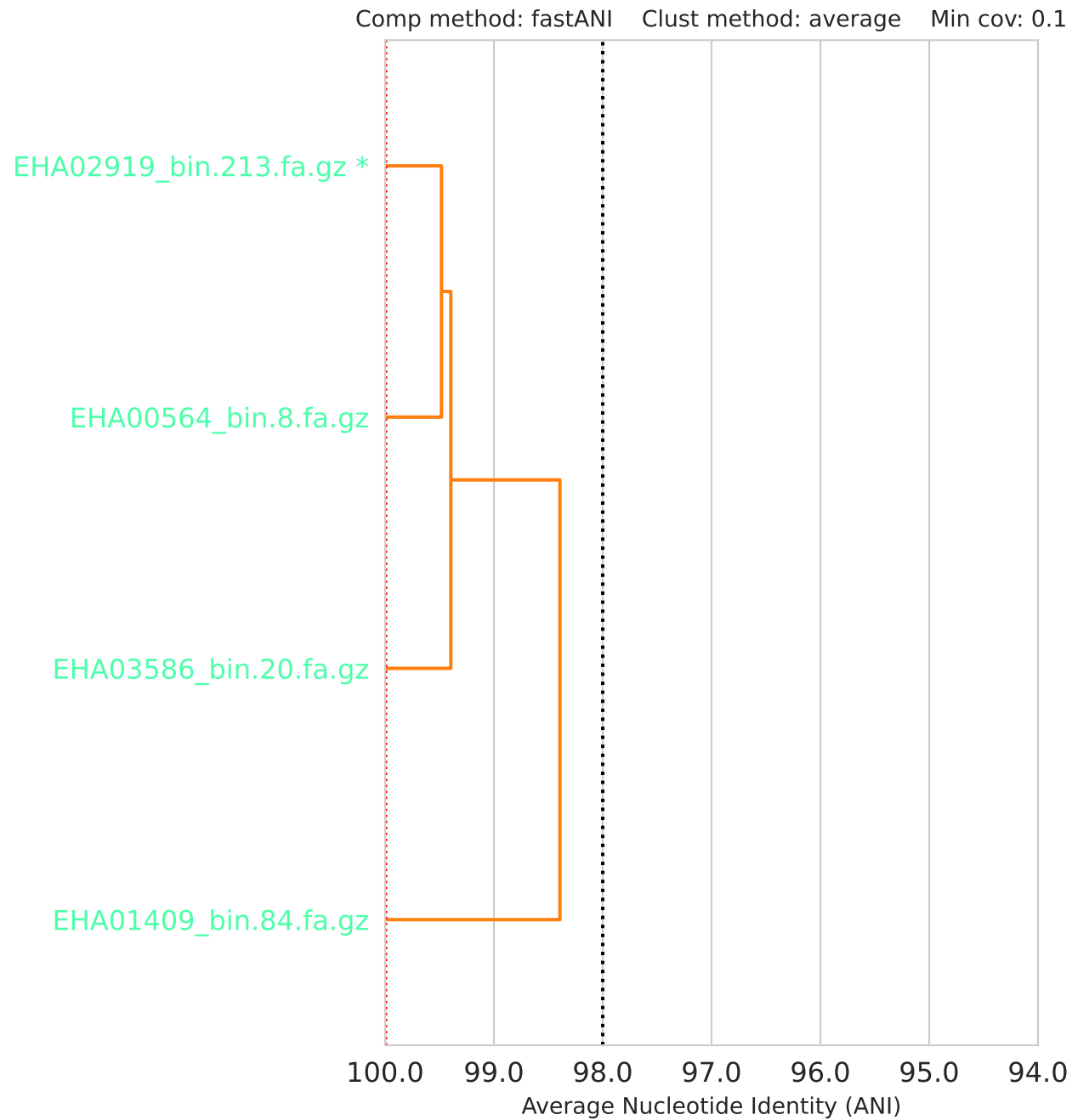
# Primary cluster 926



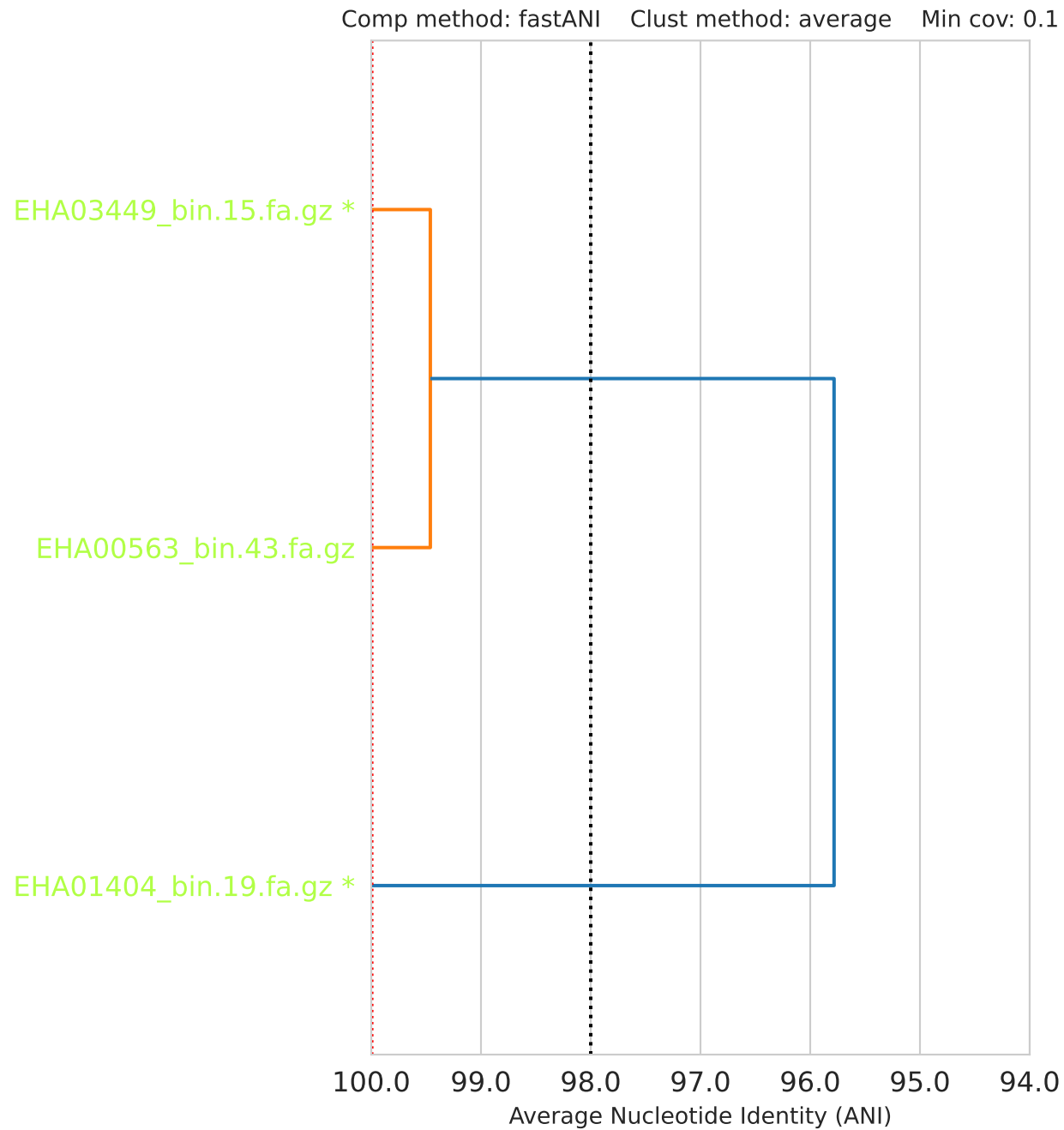
# Primary cluster 927



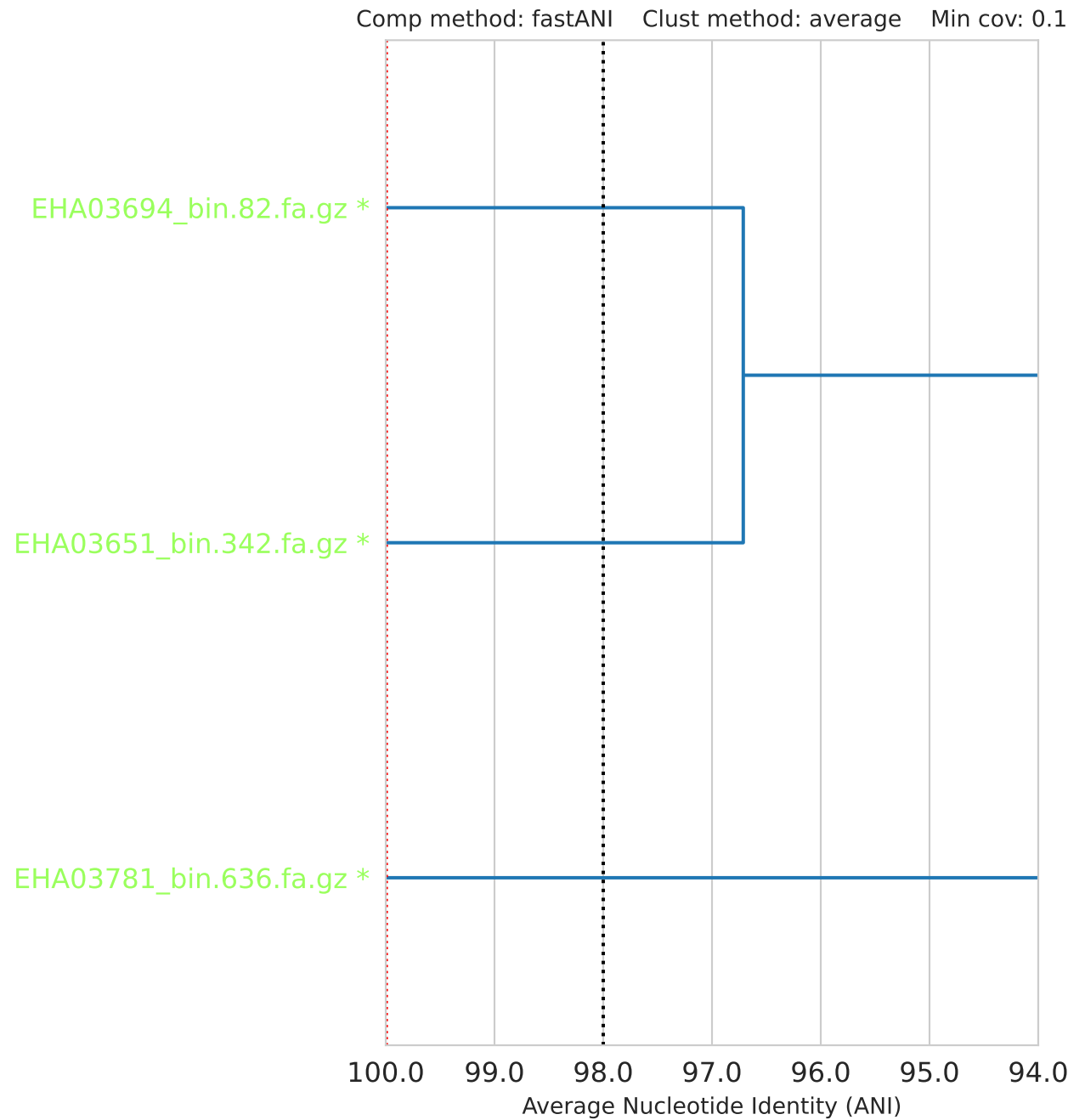
# Primary cluster 928



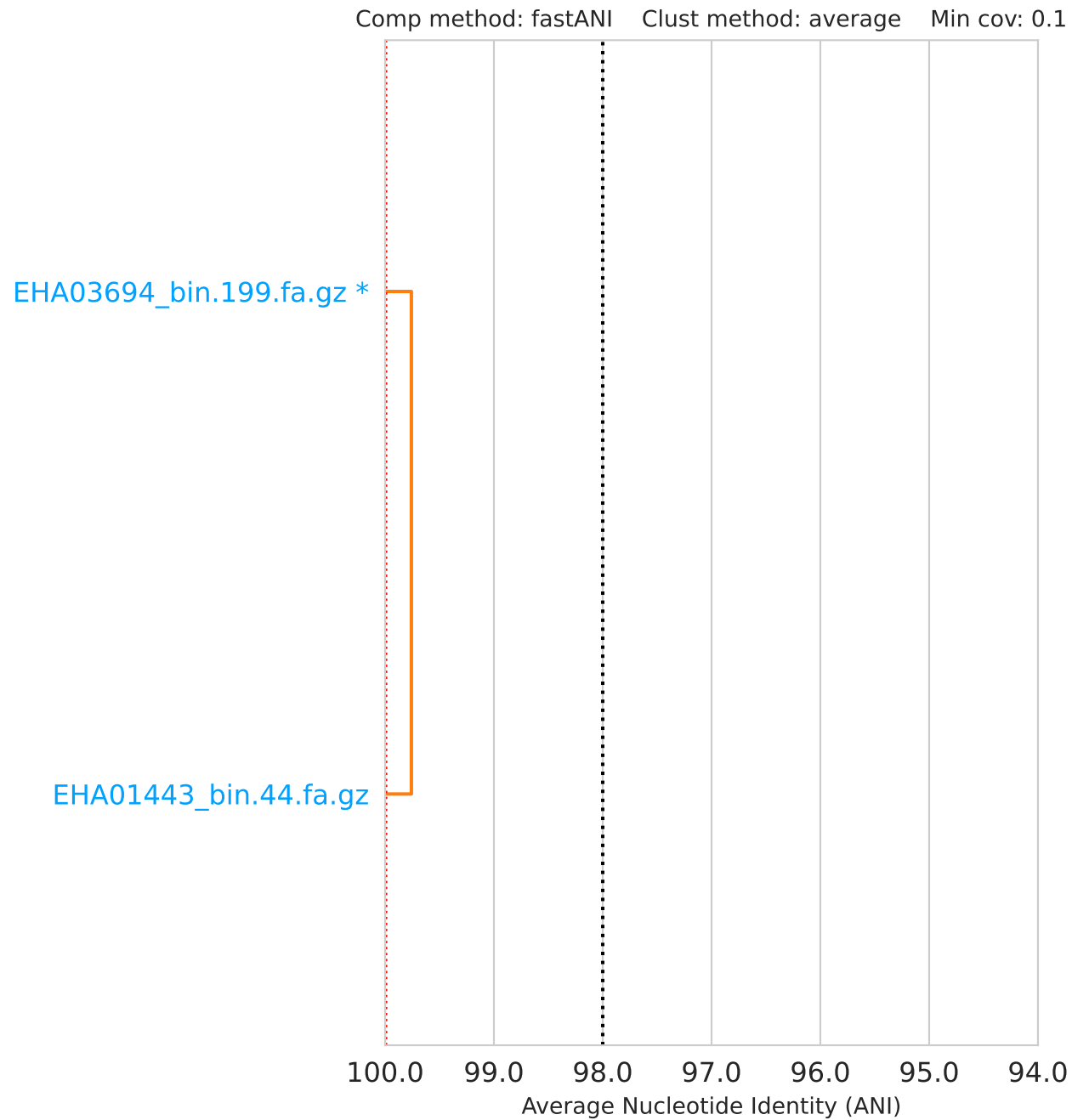
# Primary cluster 929



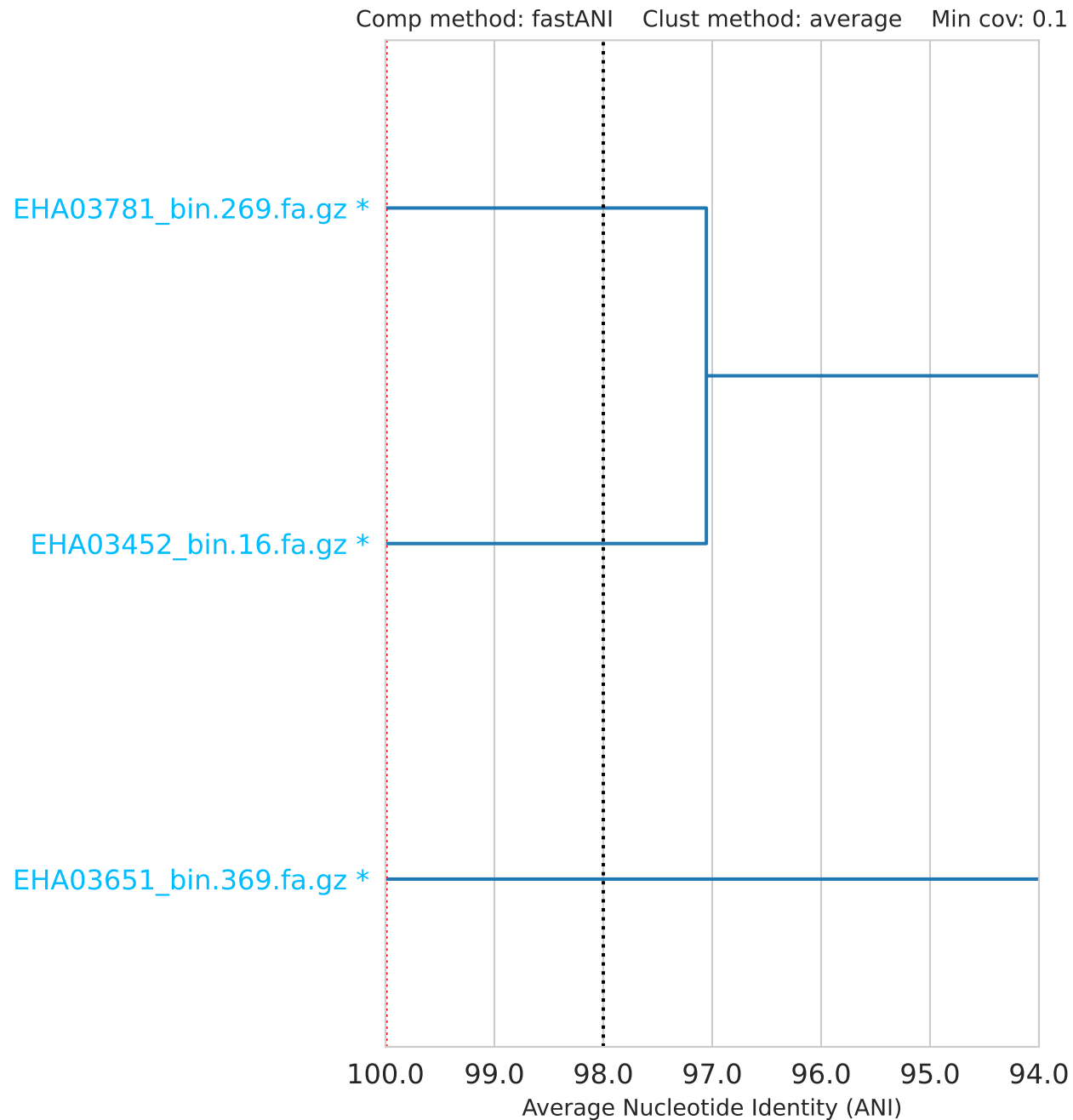
# Primary cluster 931



# Primary cluster 932

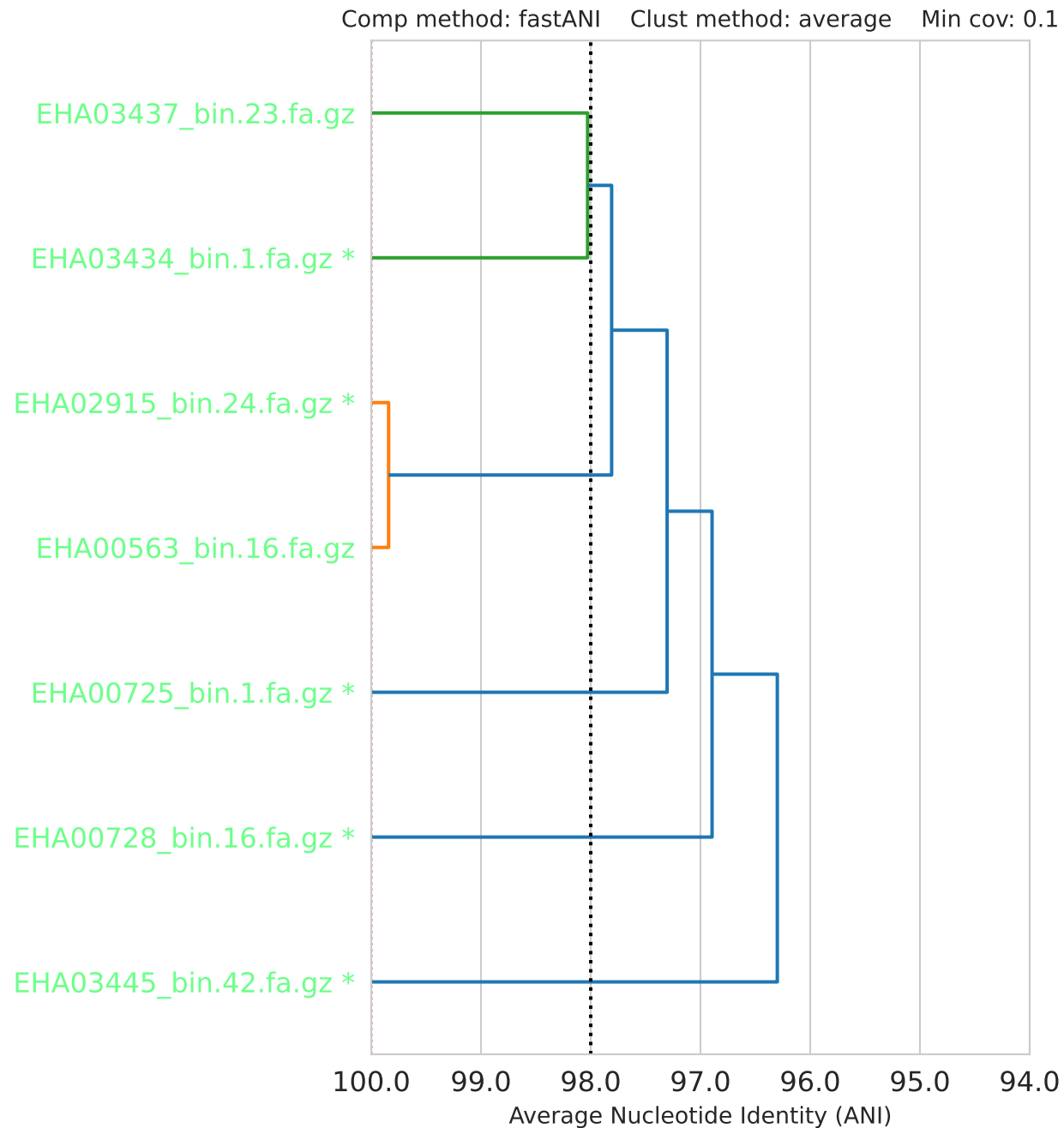


# Primary cluster 936





# Primary cluster 939



# Primary cluster 940

Comp method: fastANI

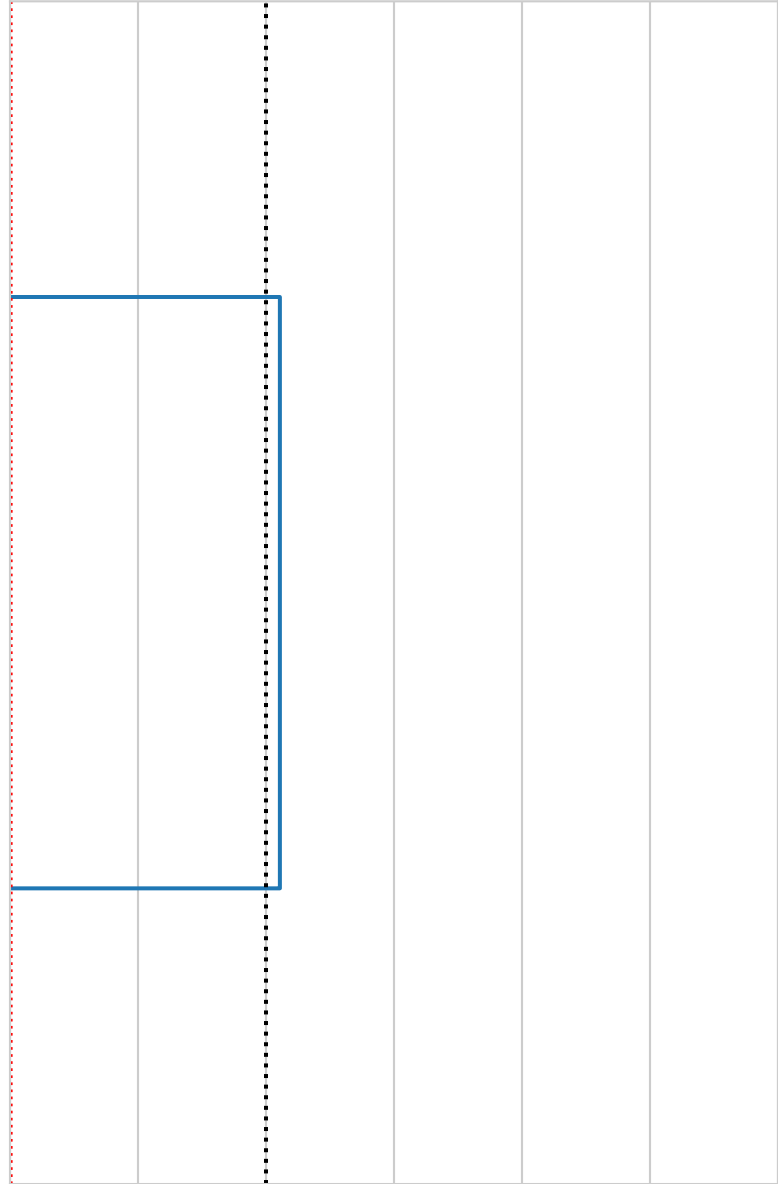
Clust method: average

Min cov: 0.1

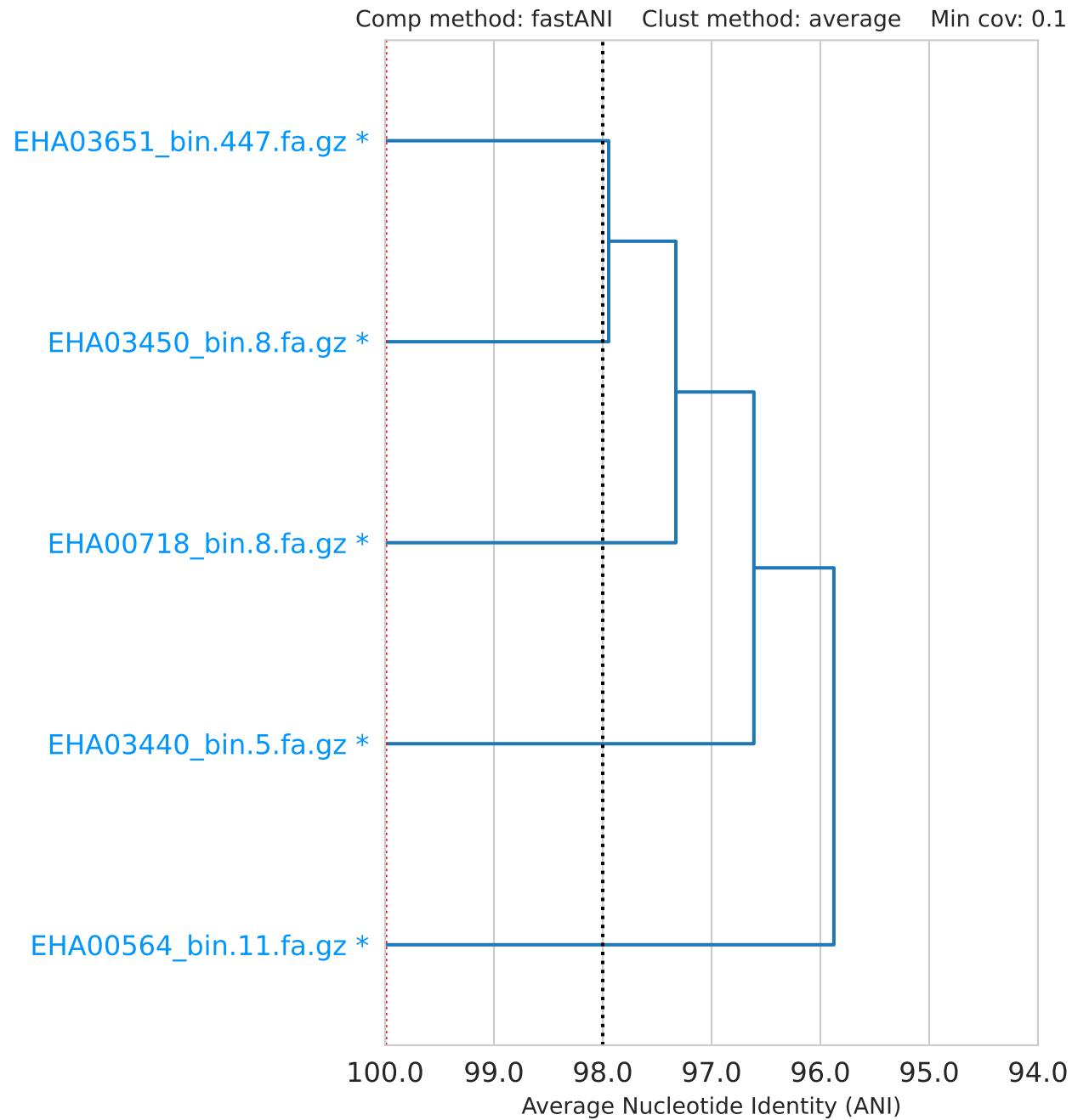
EHA03781\_bin.508.fa.gz \*

EHA02919\_bin.251.fa.gz \*

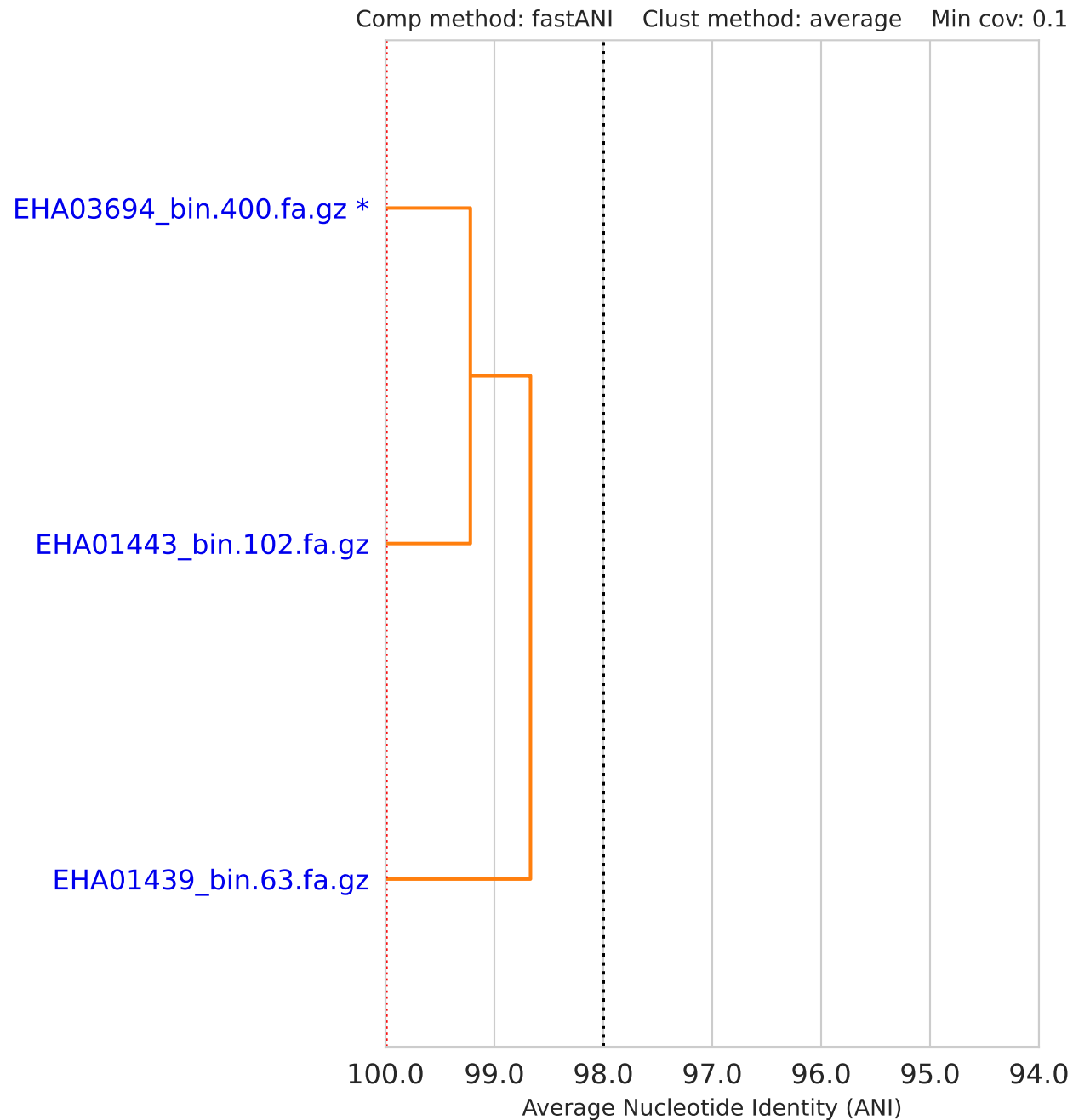
100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



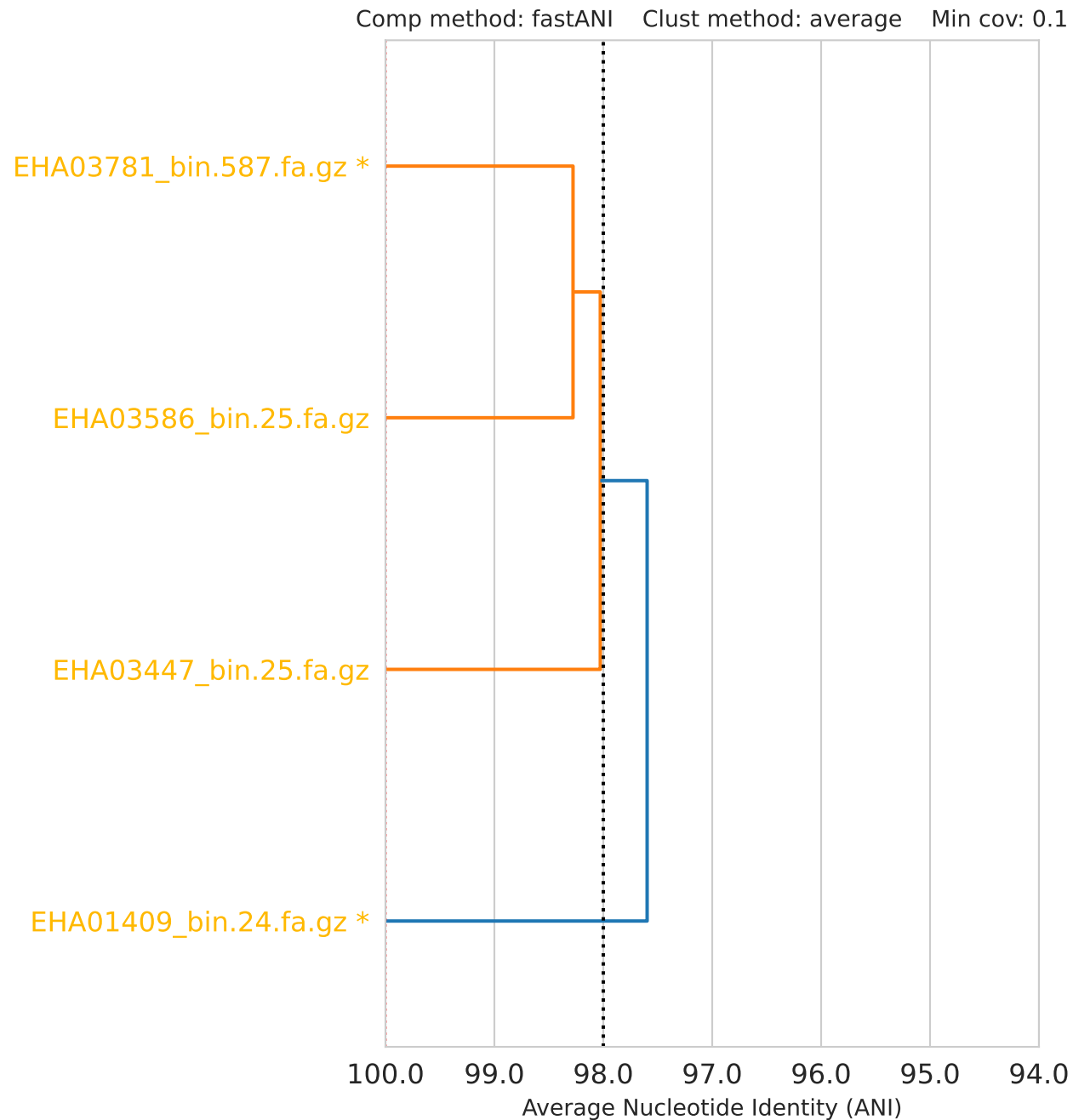
# Primary cluster 941



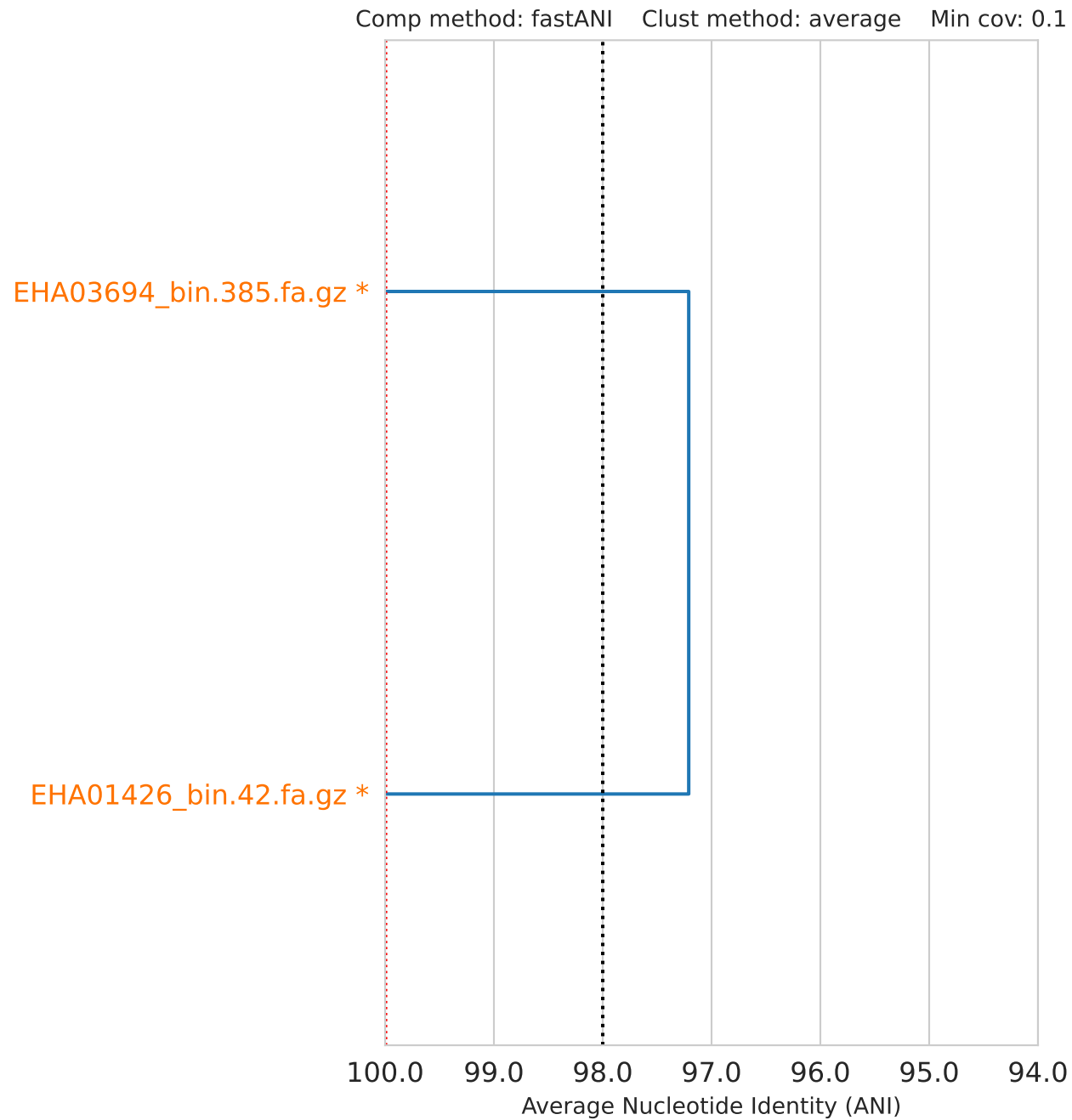
# Primary cluster 942



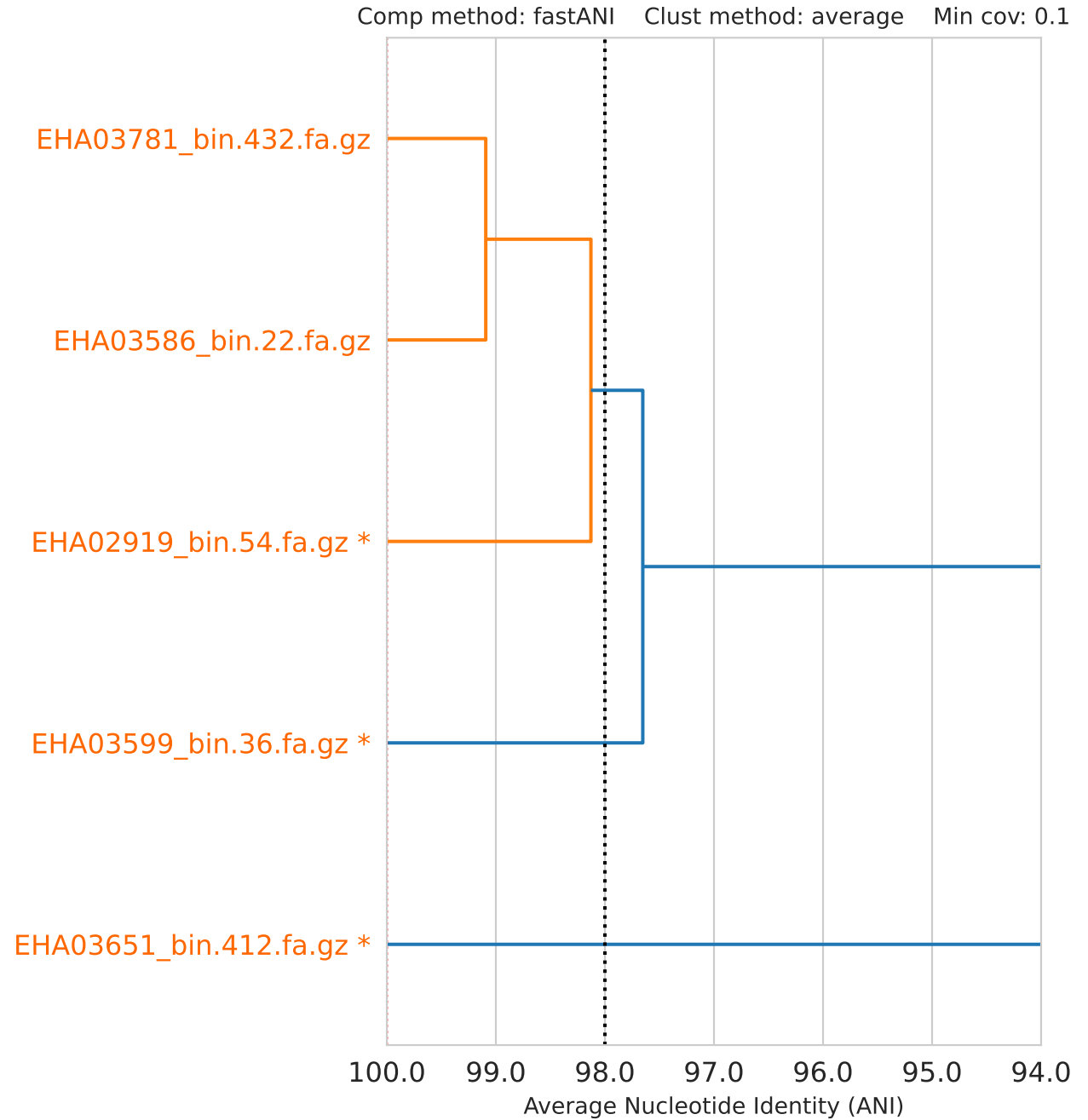
# Primary cluster 943



# Primary cluster 944



# Primary cluster 945



# Primary cluster 946

Comp method: fastANI

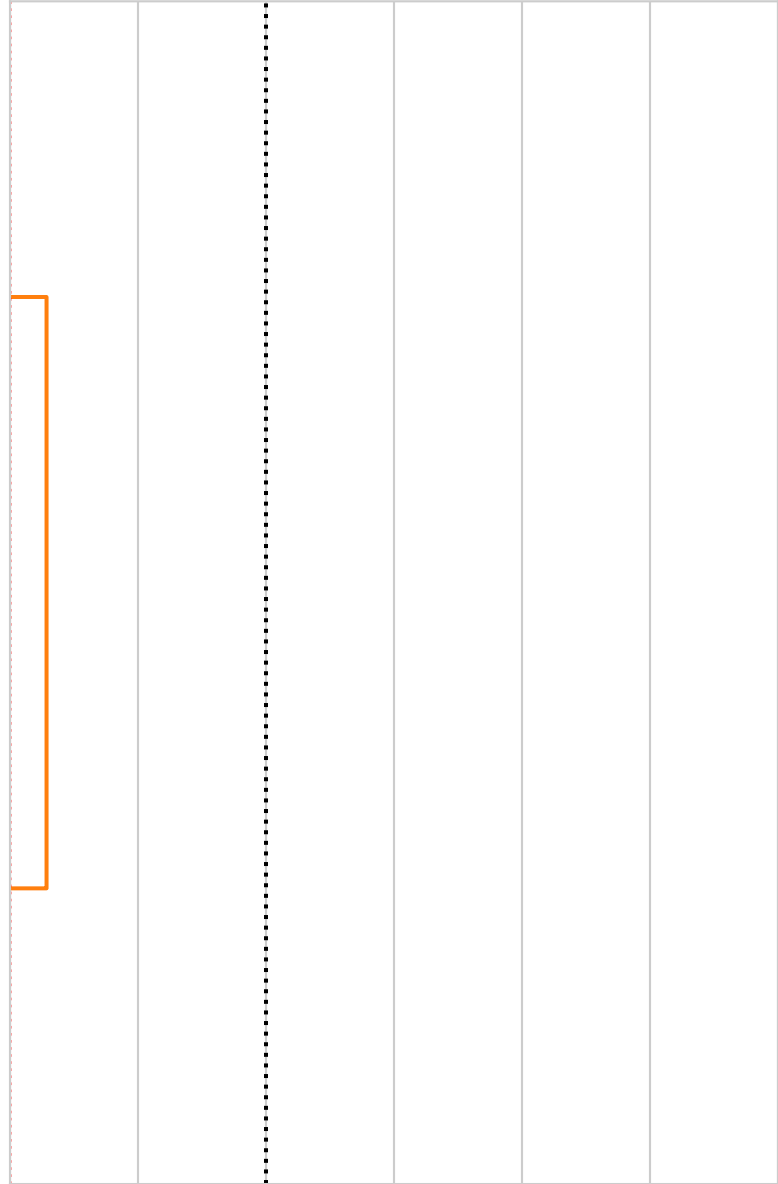
Clust method: average

Min cov: 0.1

EHA03694\_bin.224.fa.gz

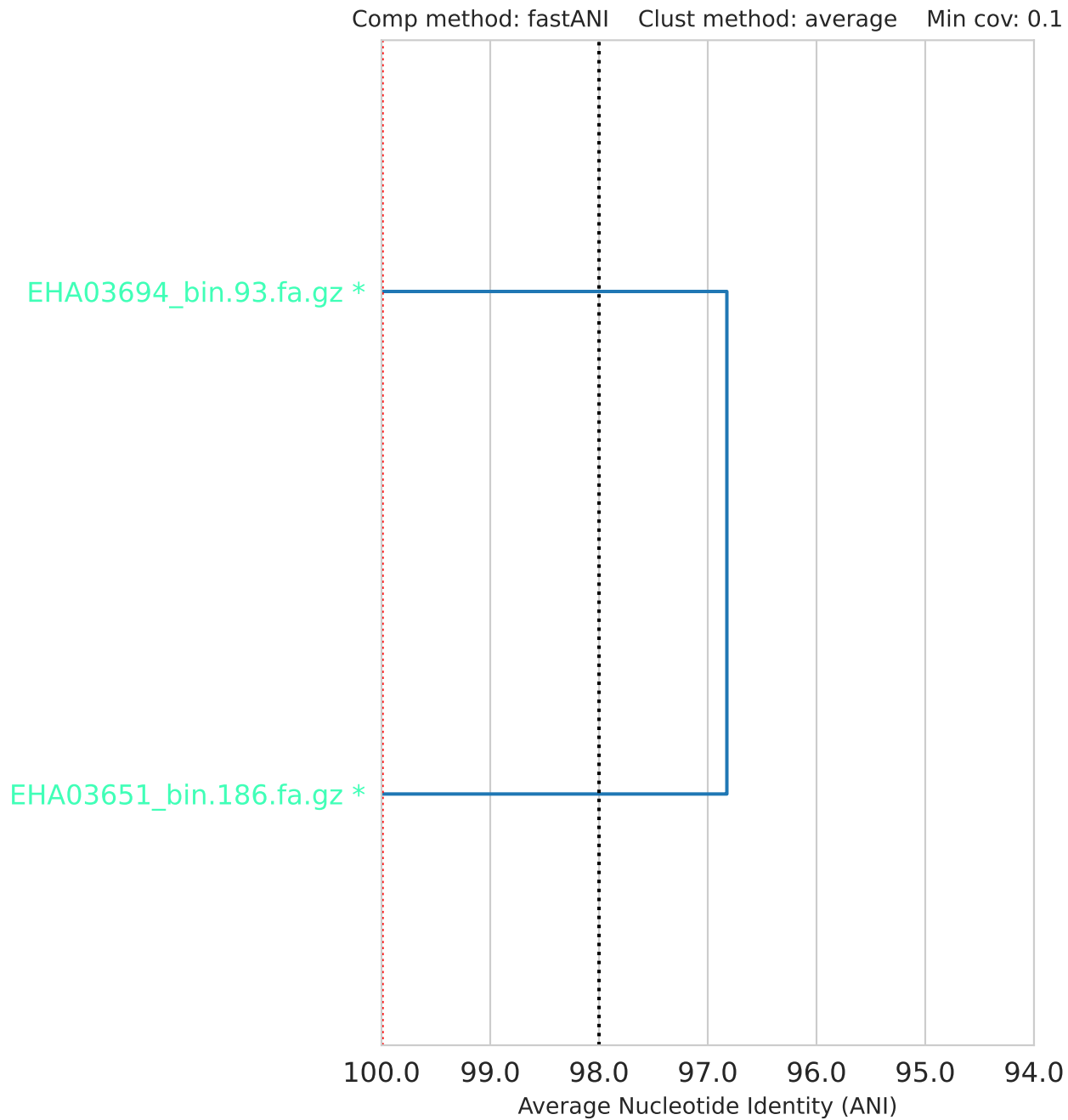
EHA03441\_bin.9.fa.gz \*

100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)

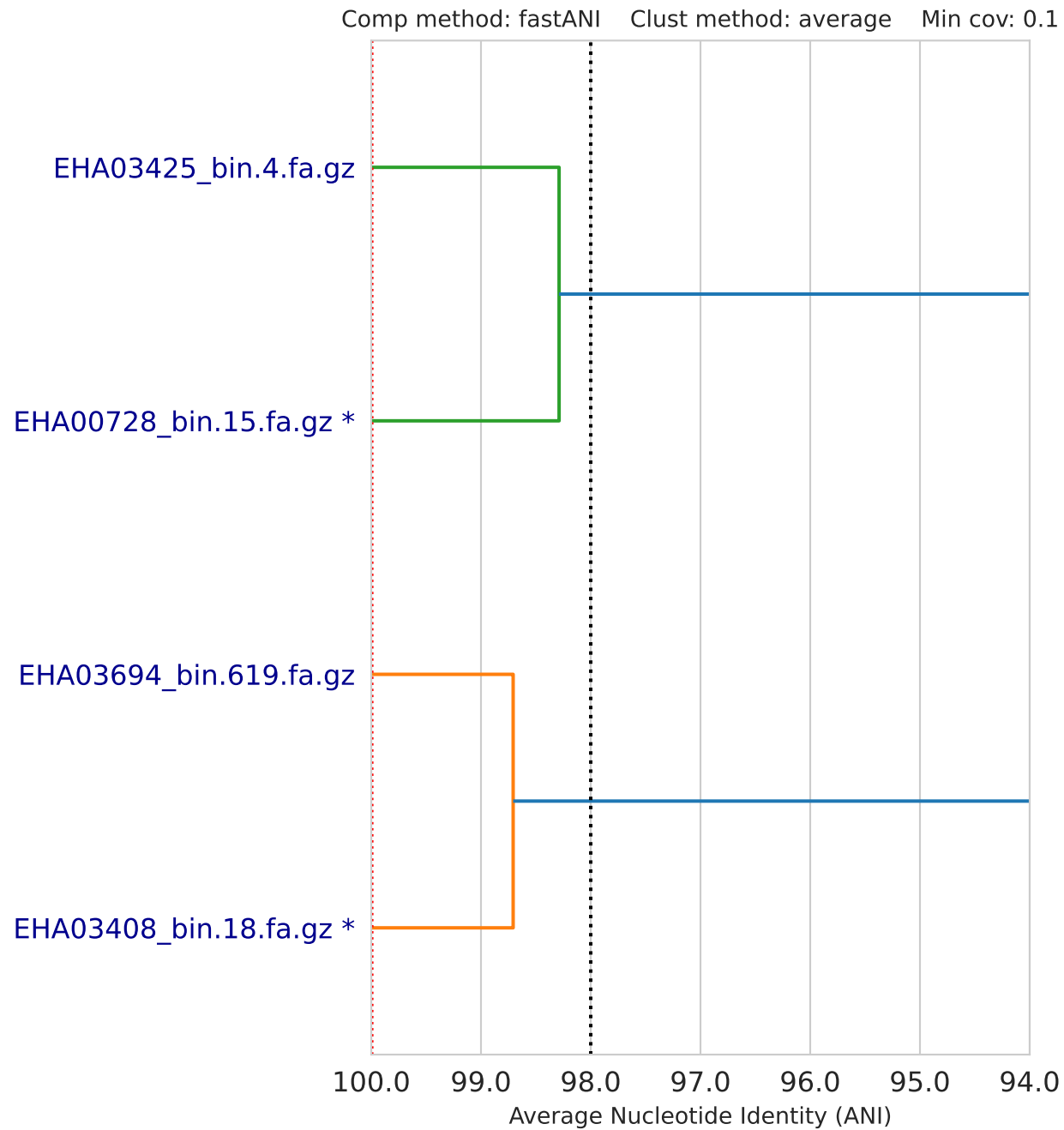




# Primary cluster 947



# Primary cluster 948



# Primary cluster 949

Comp method: fastANI

Clust method: average

Min cov: 0.1

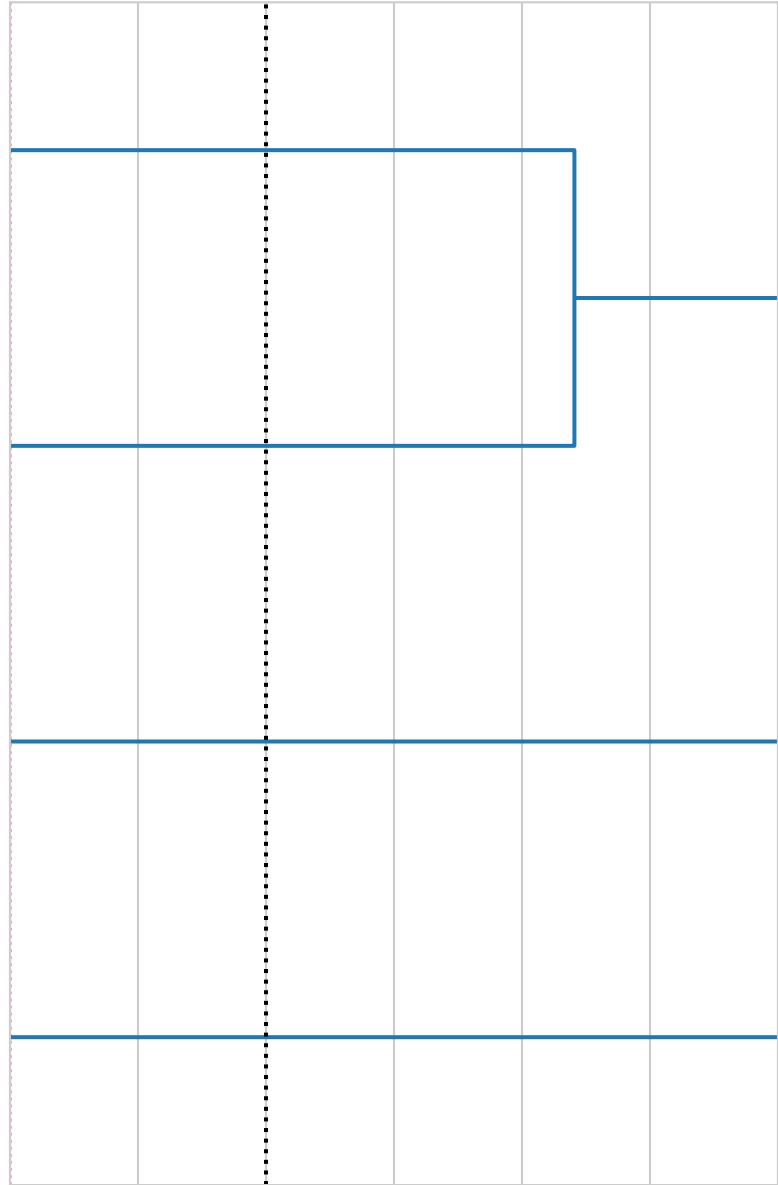
EHA03755\_bin.351.fa.gz \*

EHA03694\_bin.569.fa.gz \*

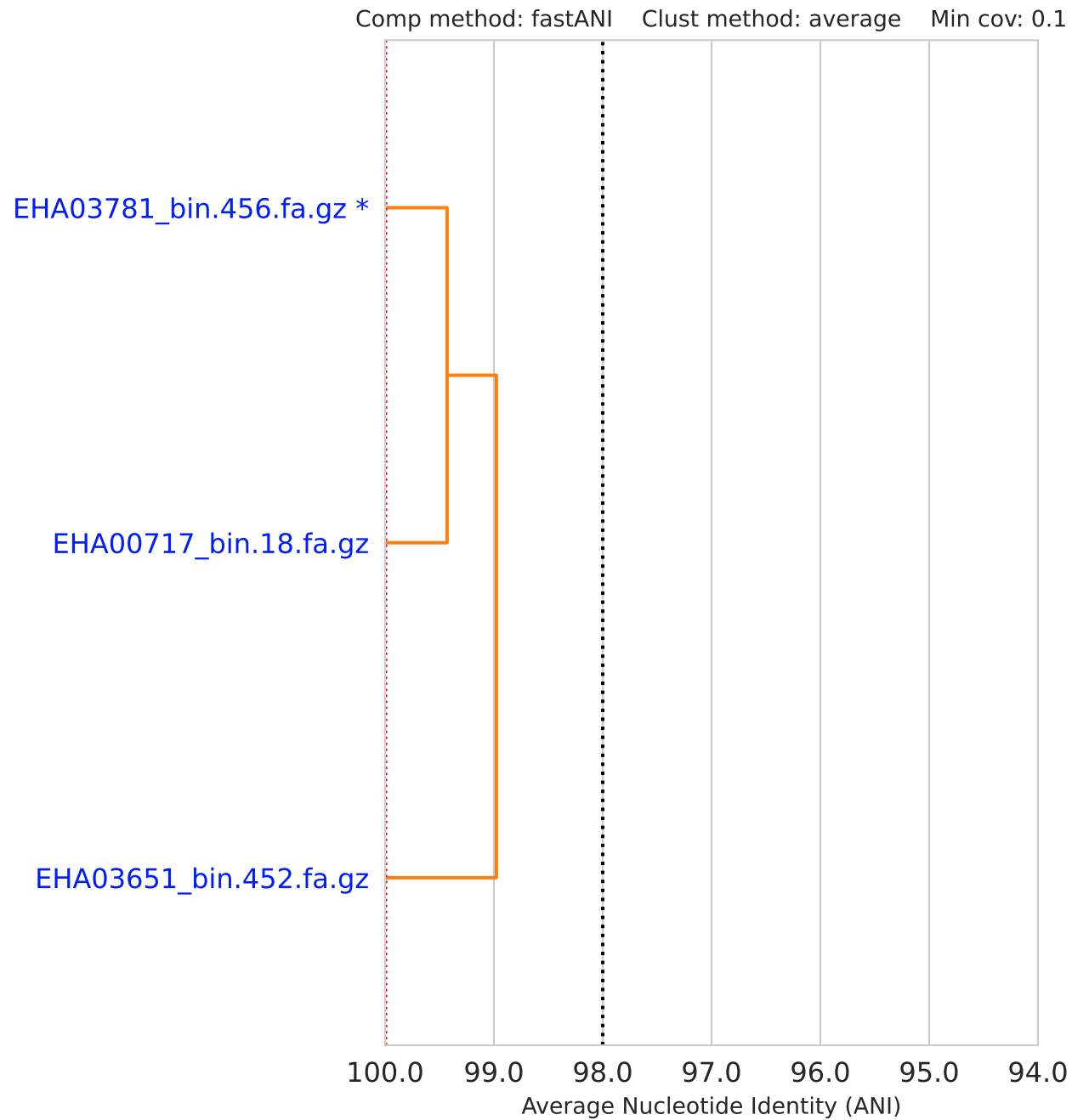
EHA03651\_bin.348.fa.gz \*

EHA03781\_bin.726.fa.gz \*

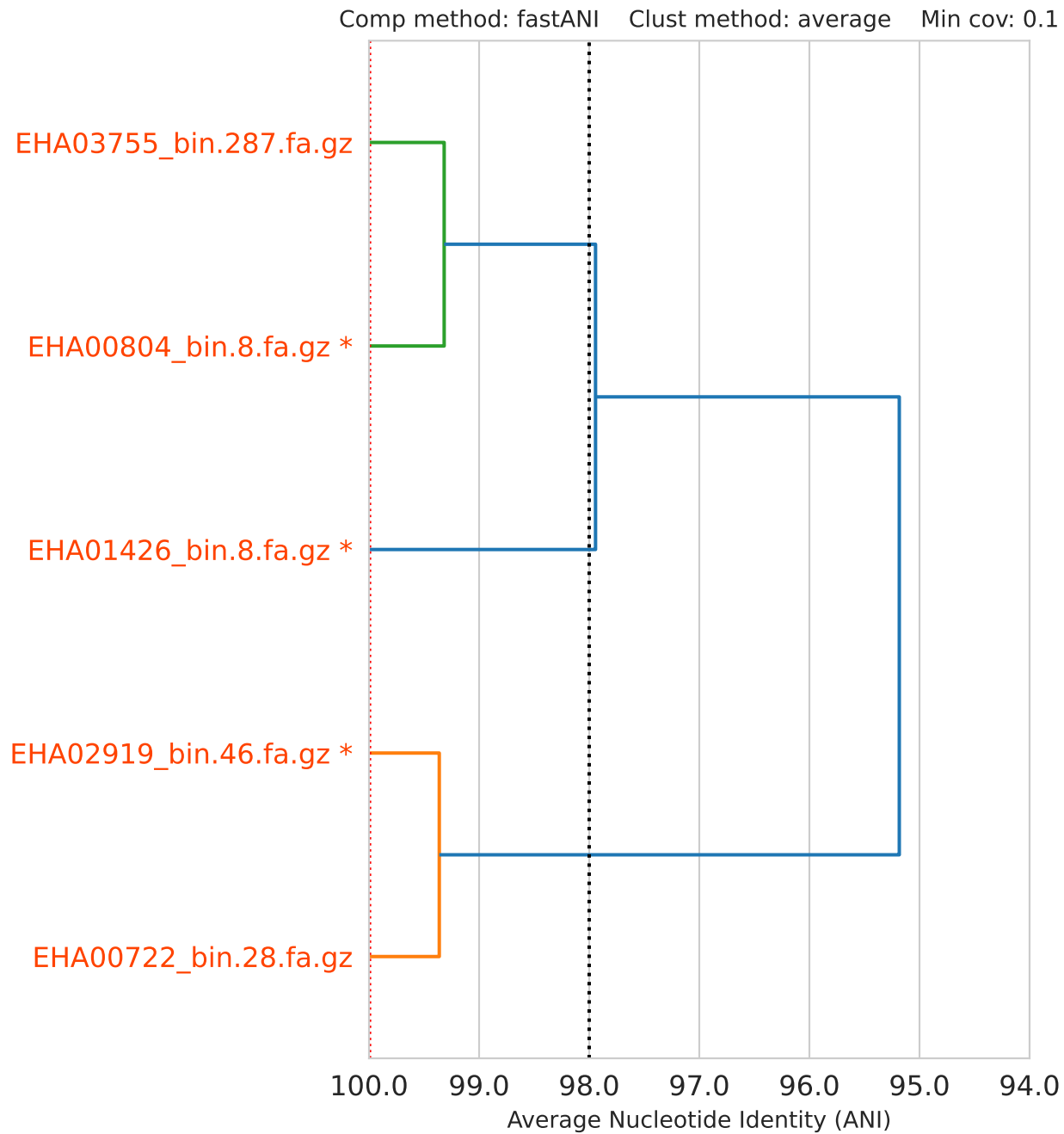
100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



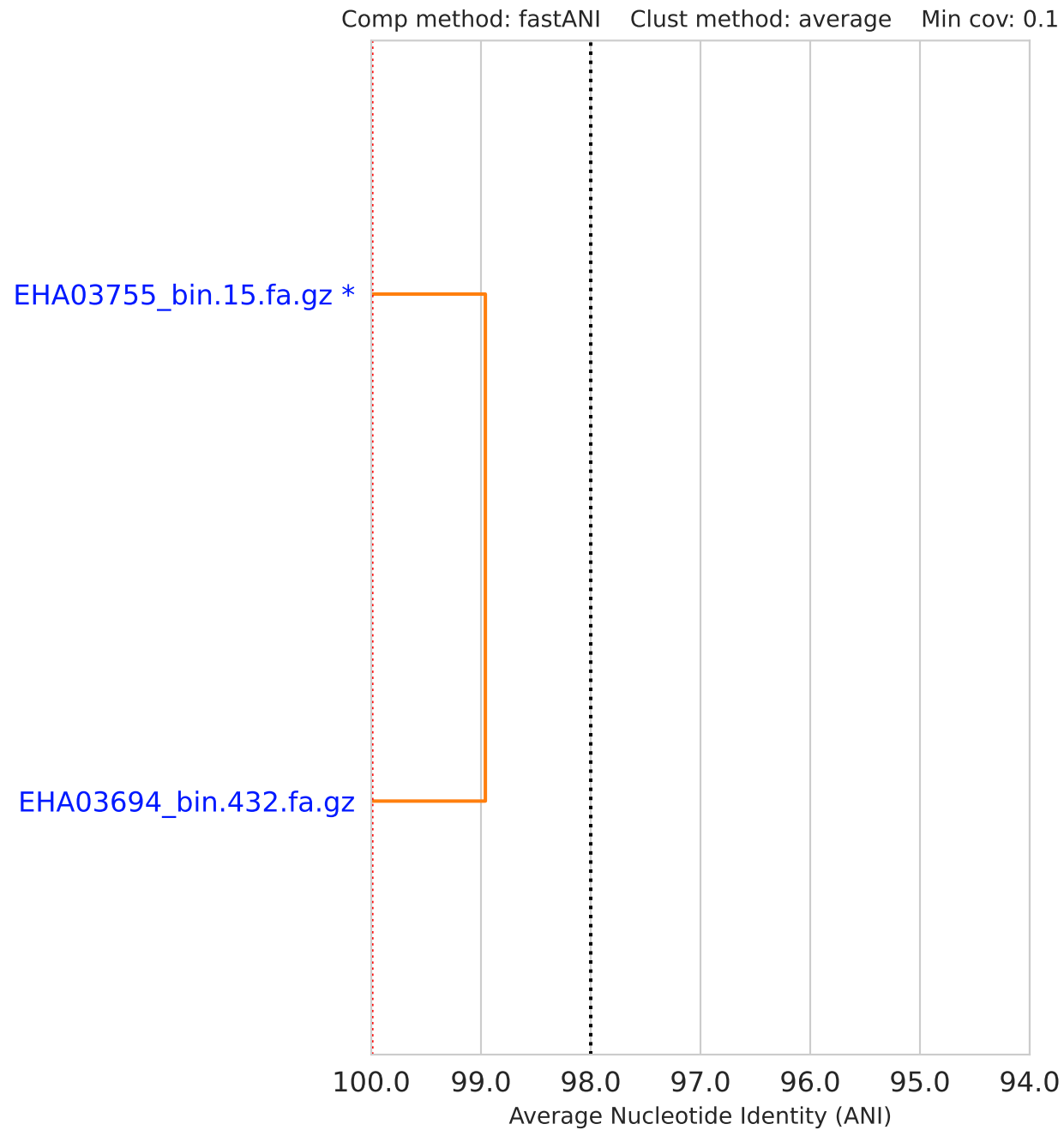
# Primary cluster 950



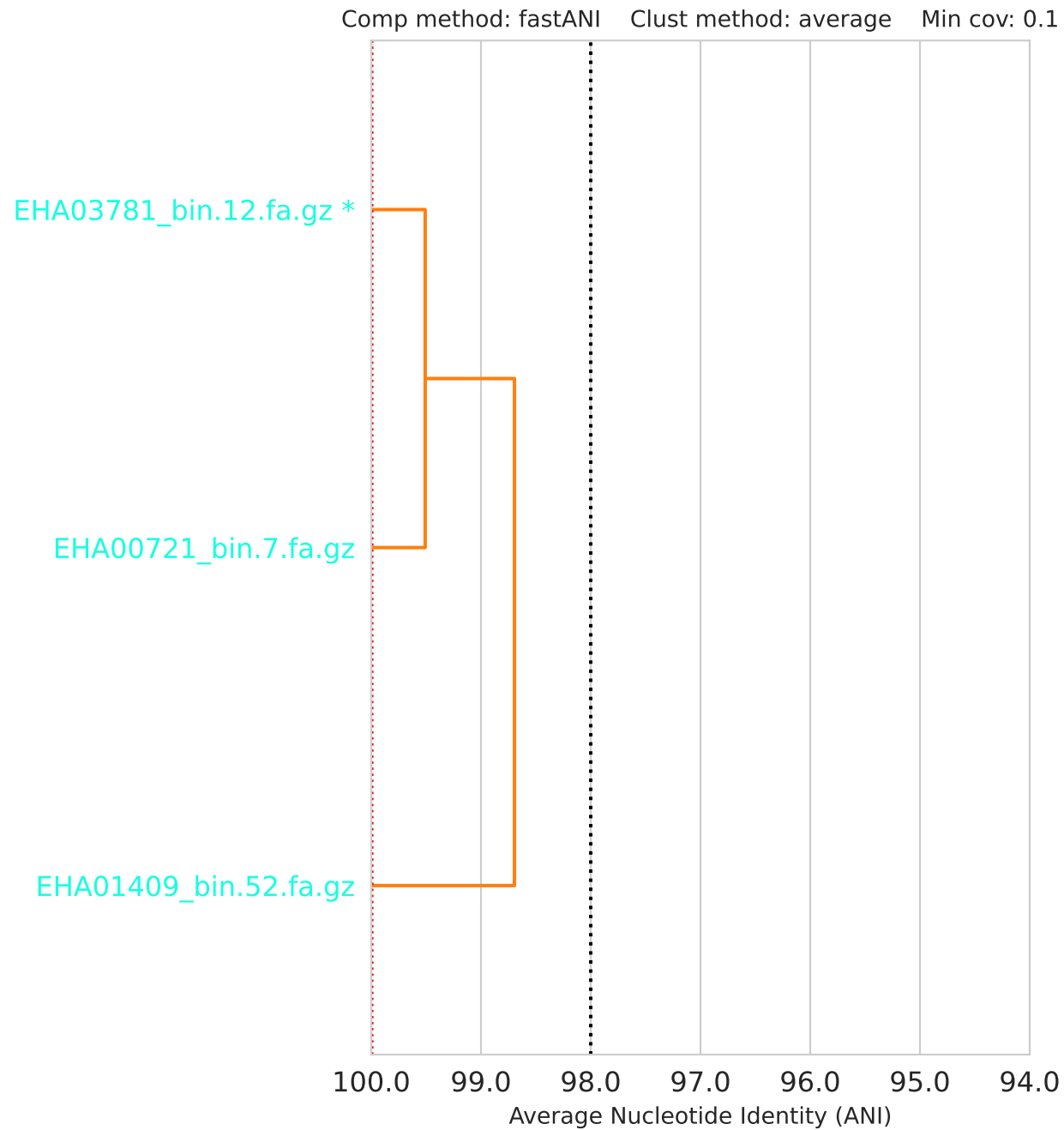
# Primary cluster 951



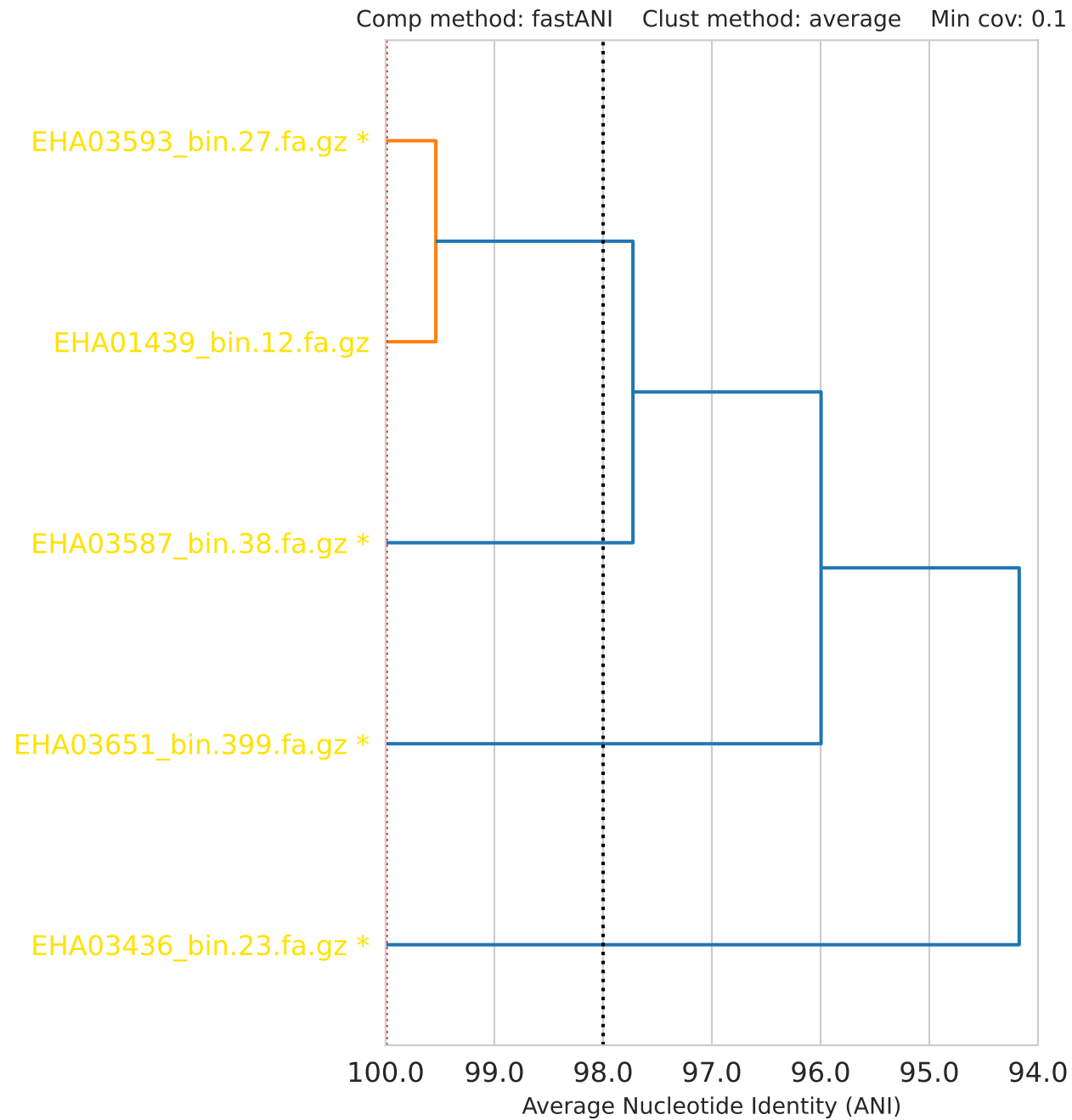
# Primary cluster 952



# Primary cluster 953



# Primary cluster 954





# Primary cluster 955

Comp method: fastANI

Clust method: average

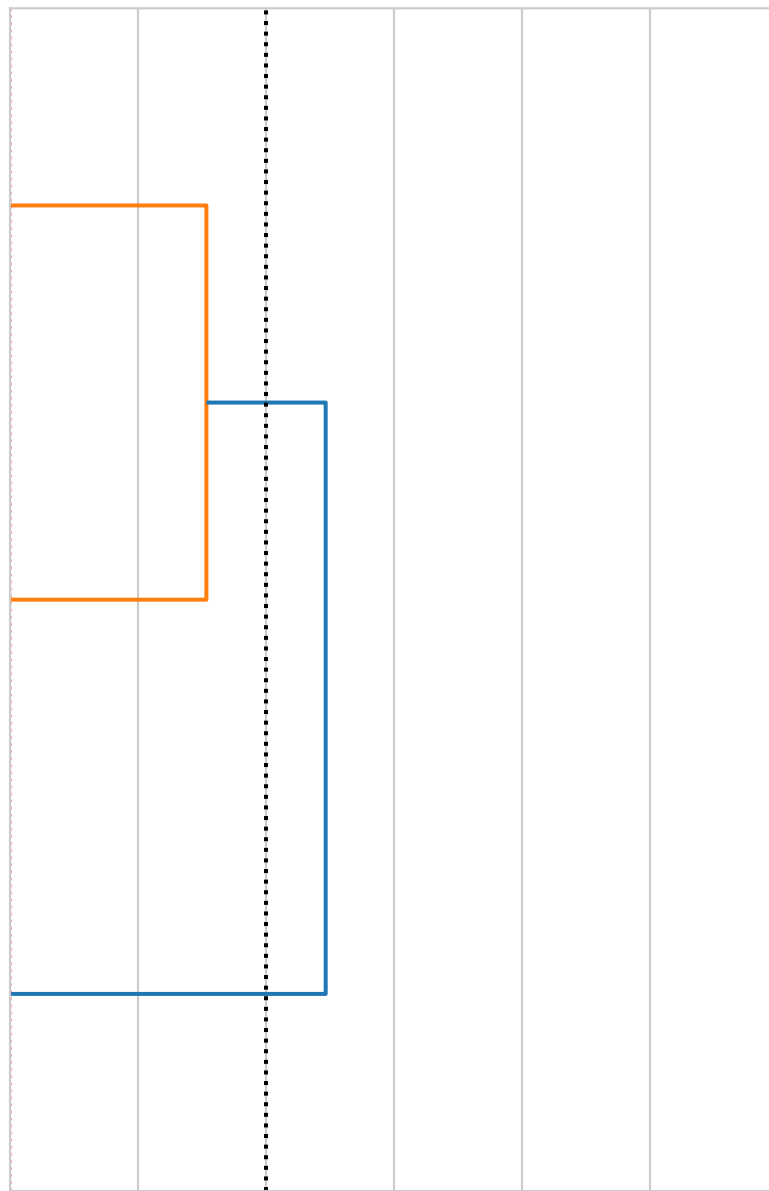
Min cov: 0.1

EHA03755\_bin.295.fa.gz

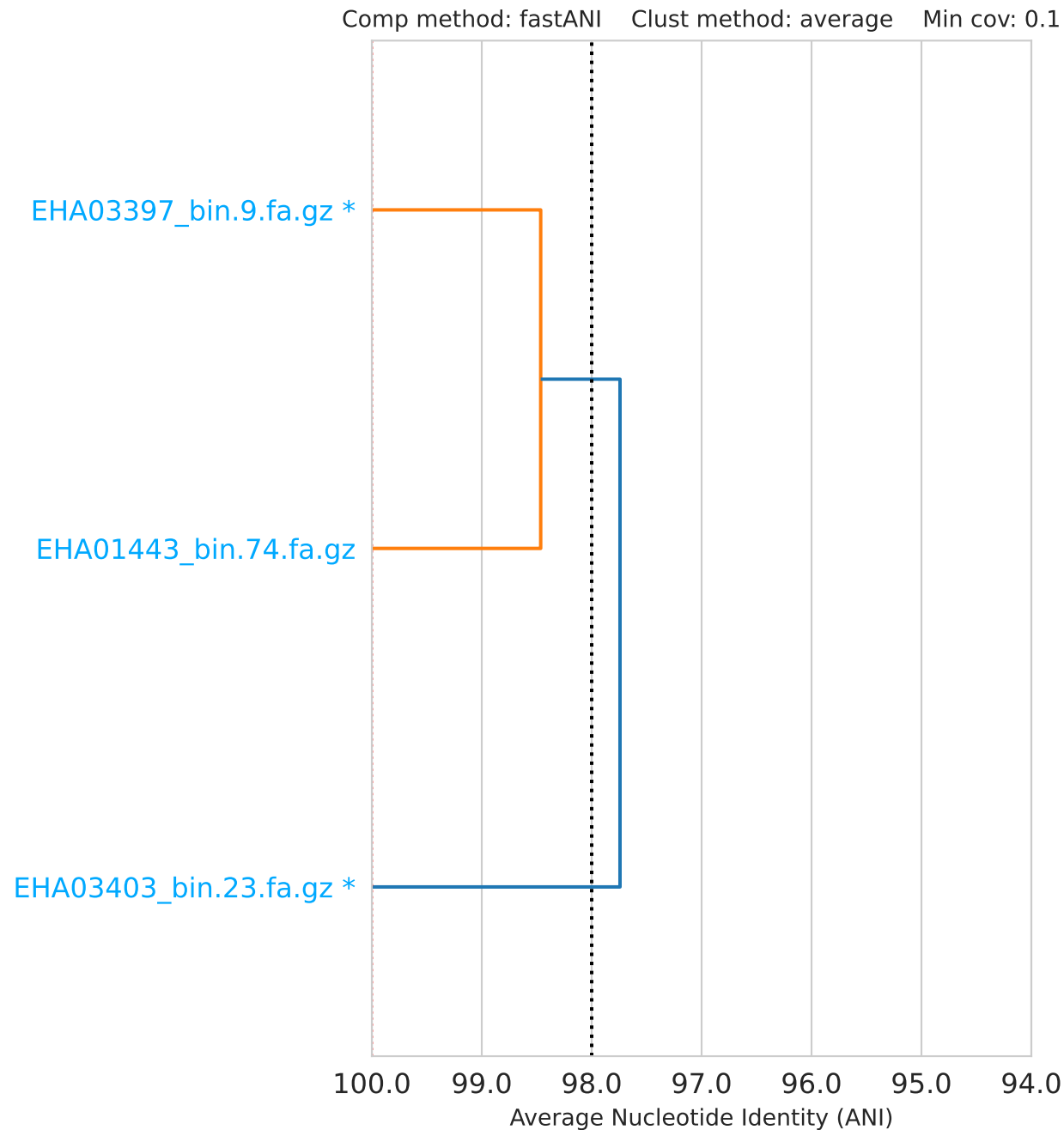
EHA03694\_bin.244.fa.gz \*

EHA03651\_bin.320.fa.gz \*

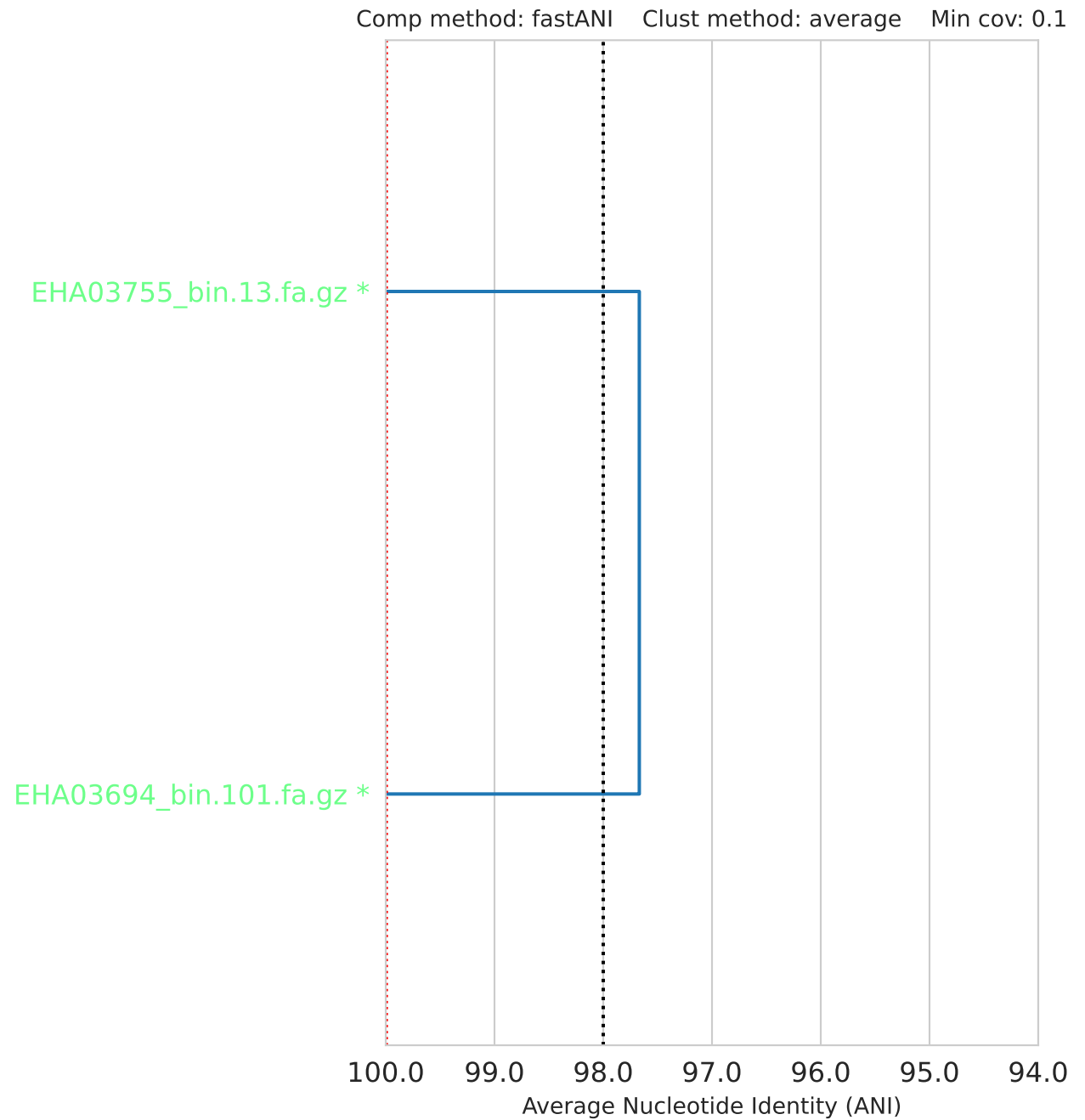
100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



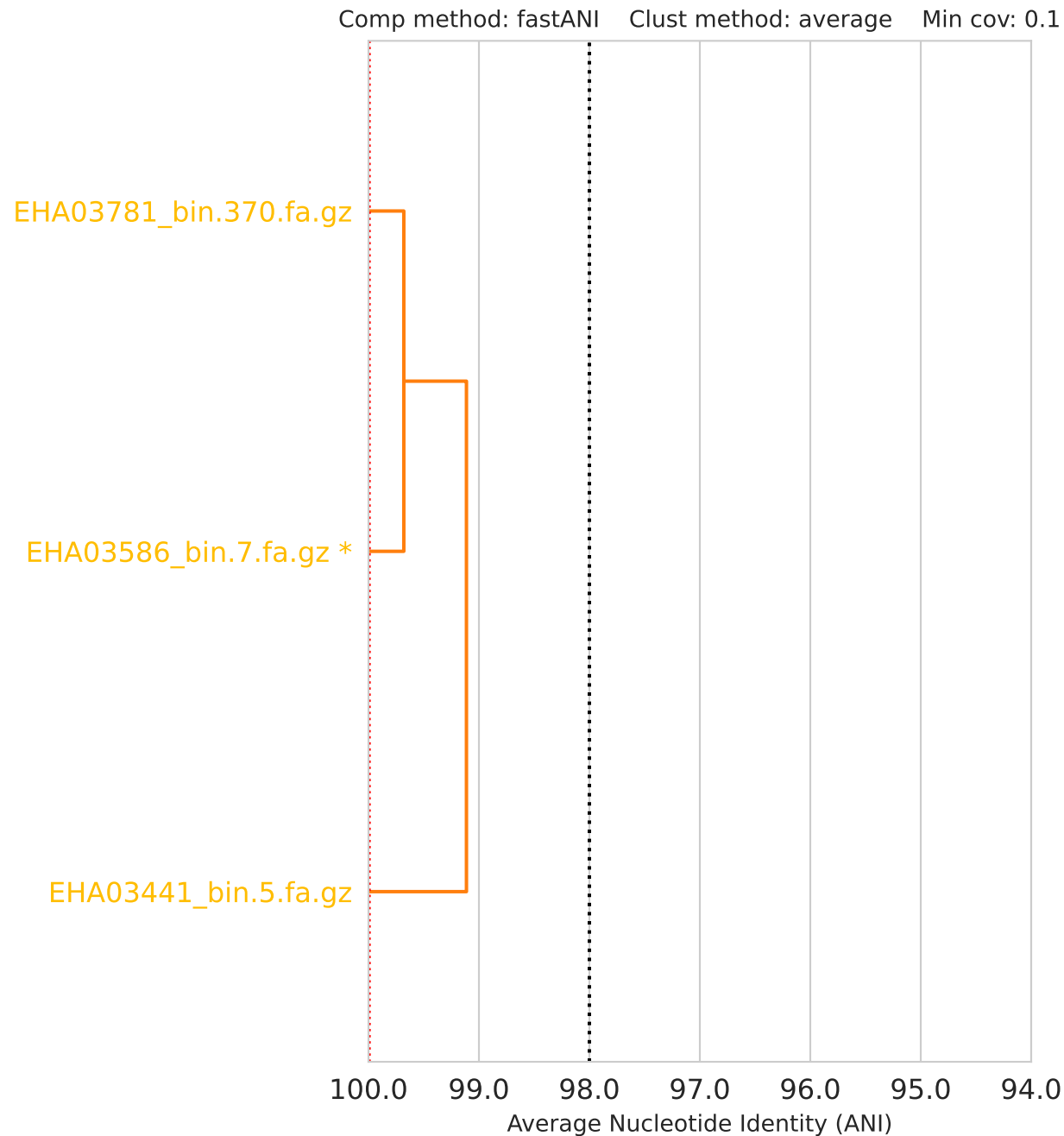
# Primary cluster 958



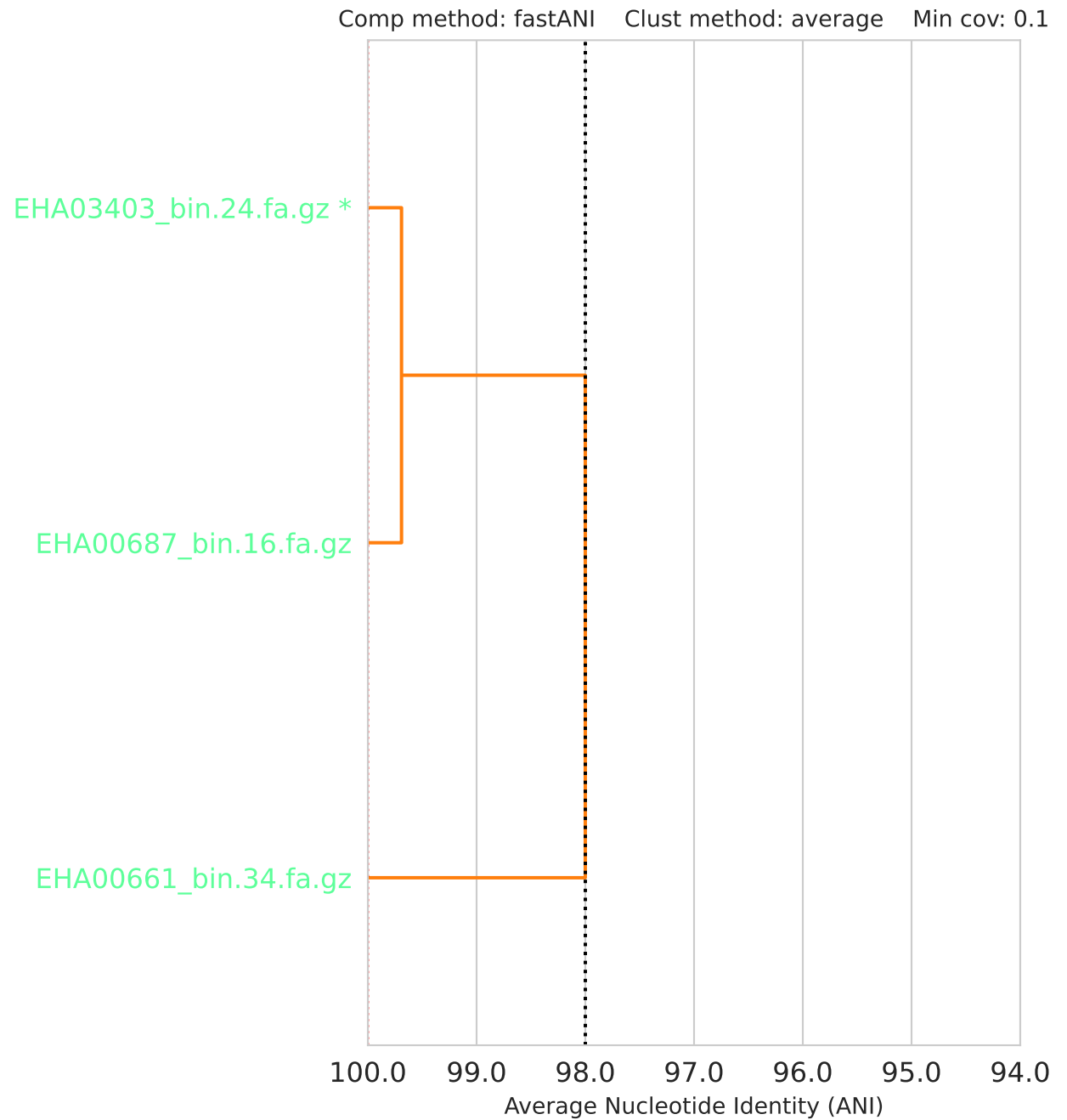
# Primary cluster 959



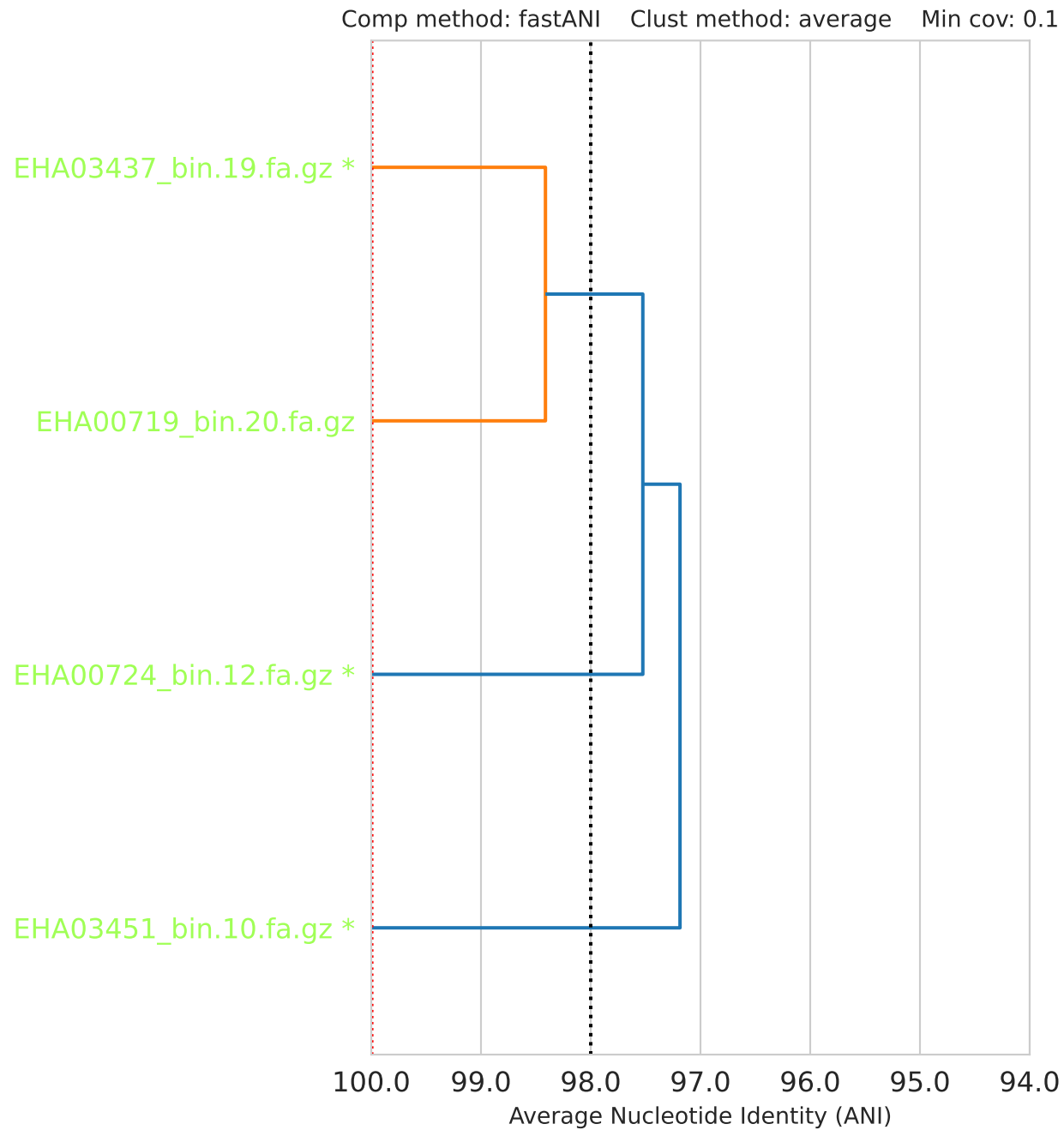
# Primary cluster 961



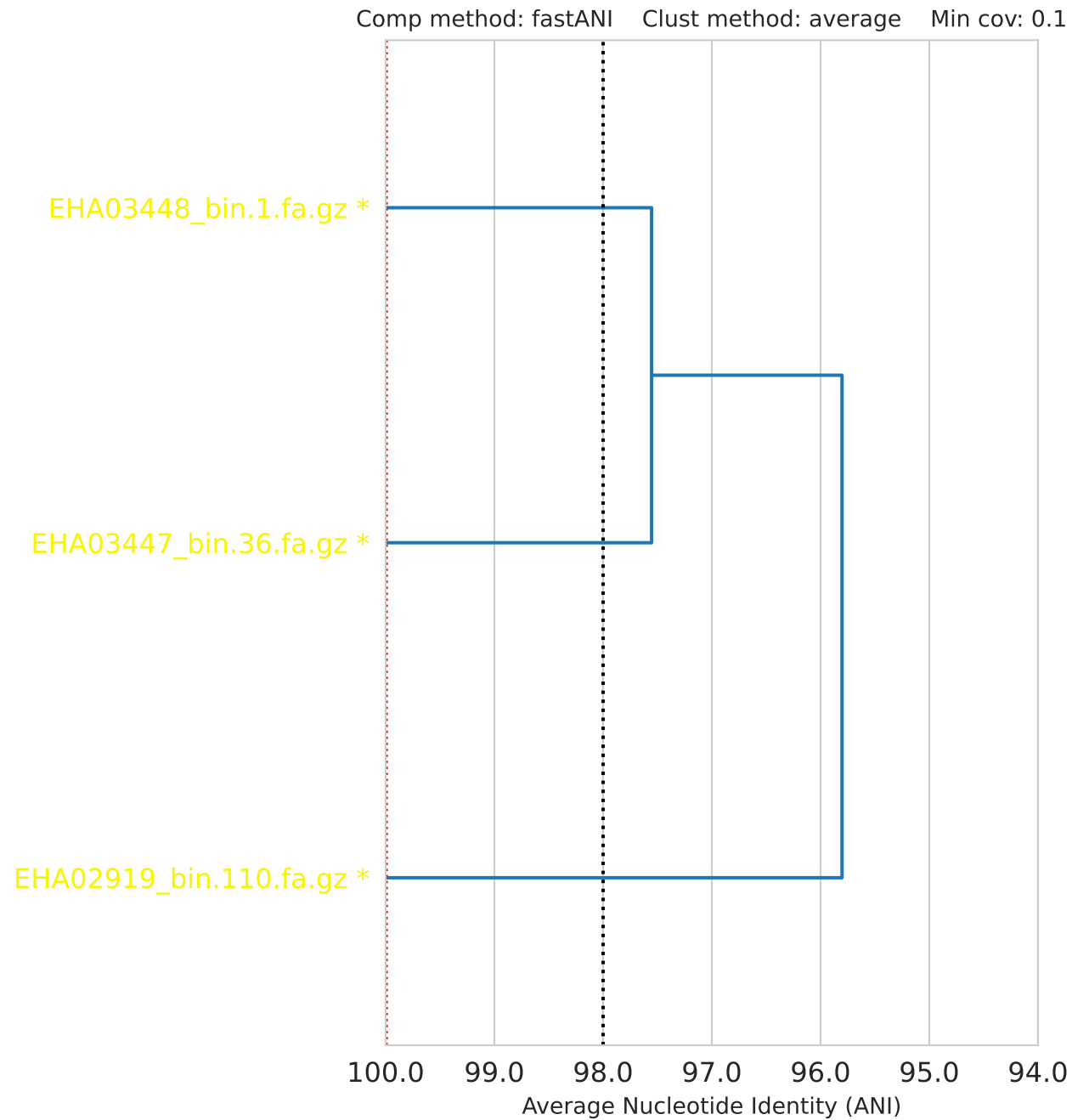
# Primary cluster 962



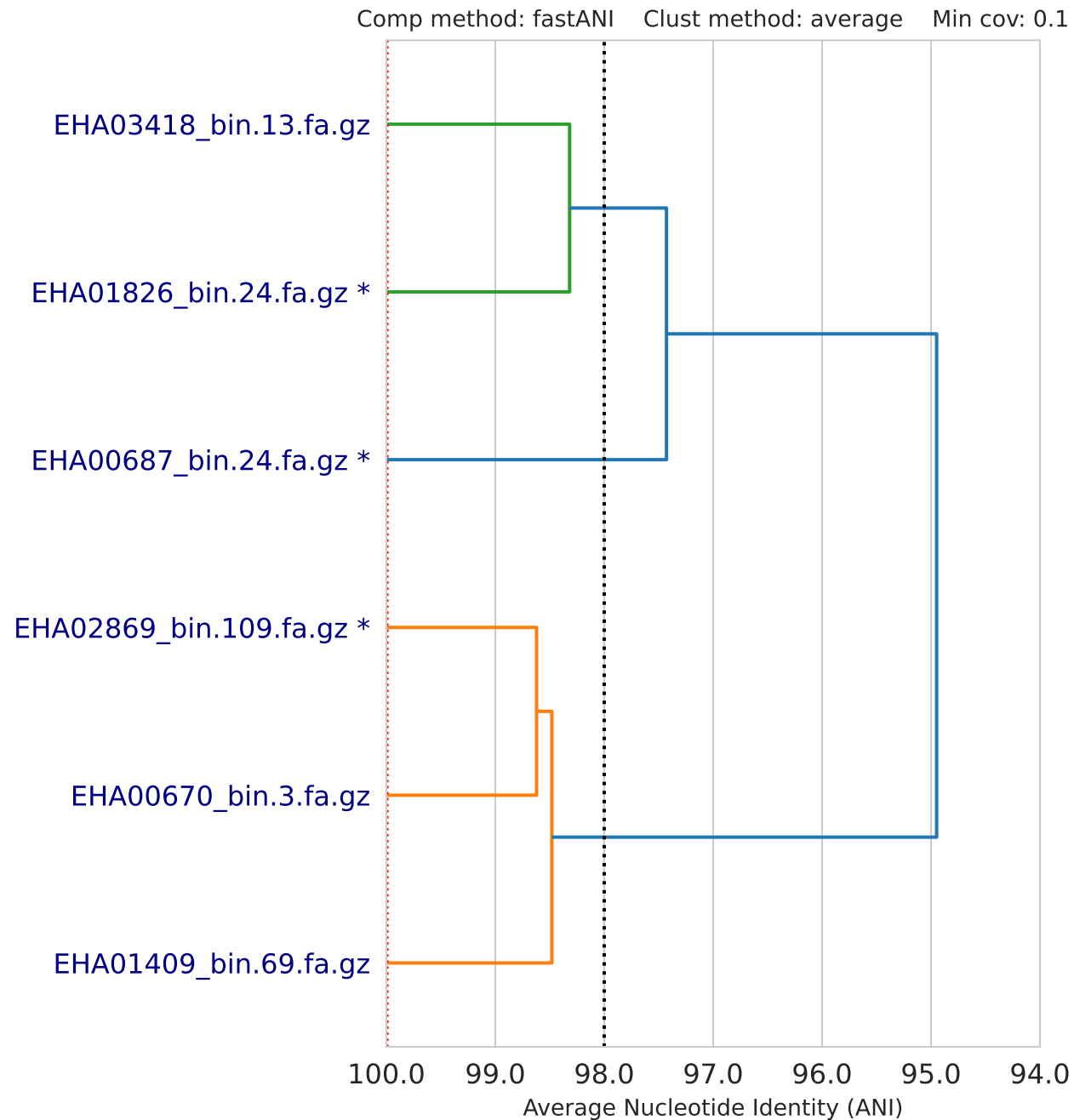
# Primary cluster 963



# Primary cluster 964

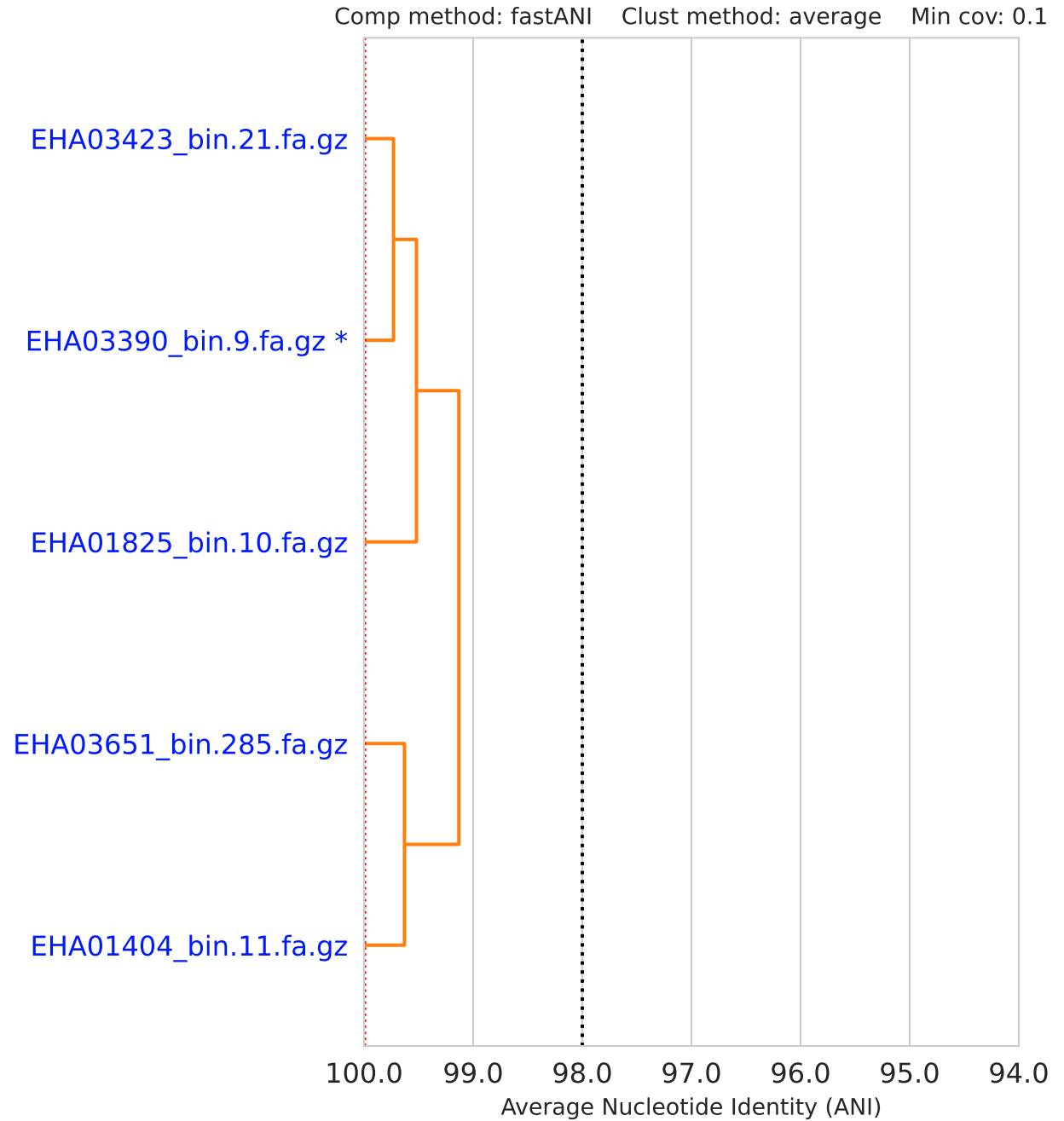


# Primary cluster 965

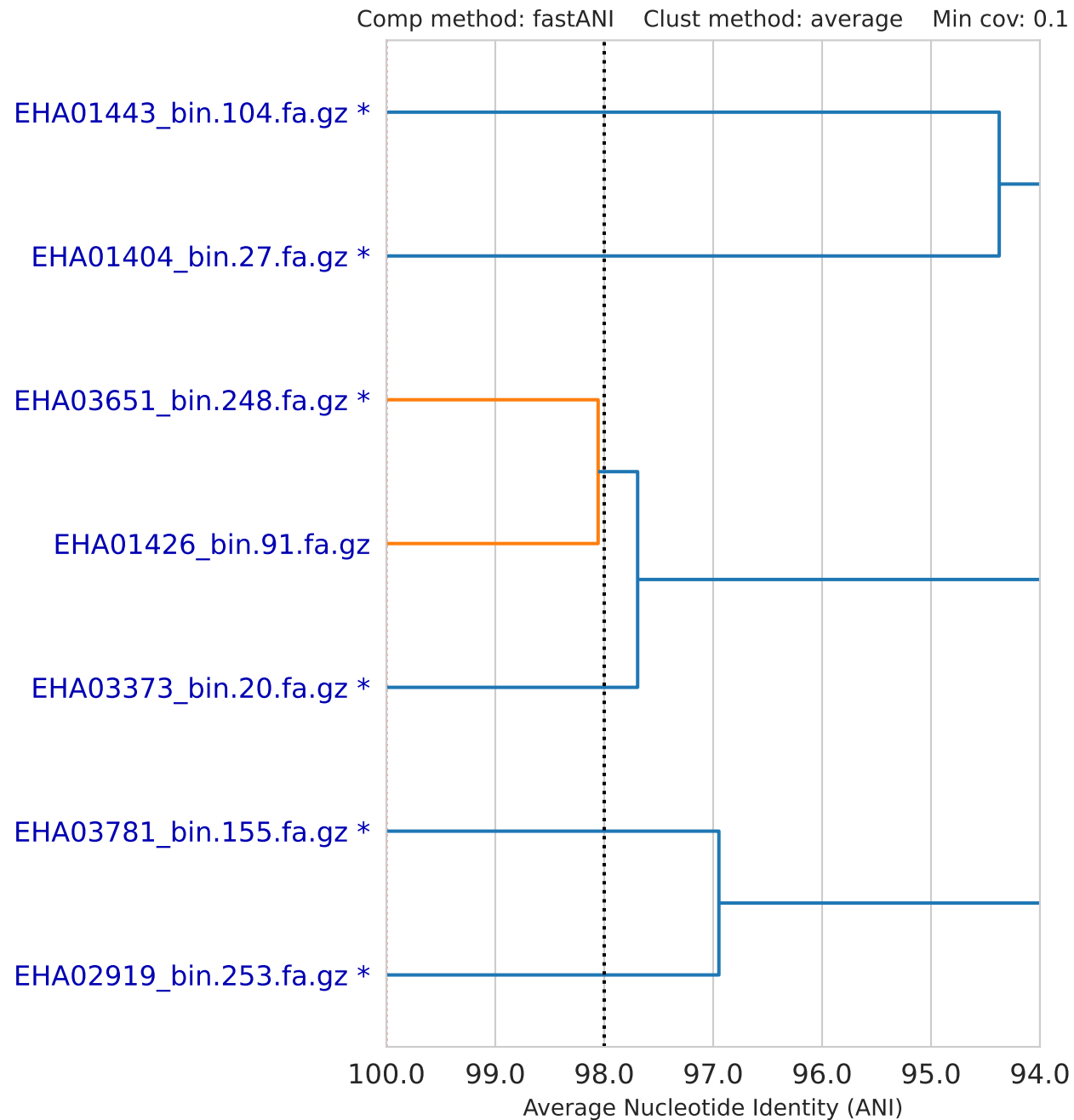




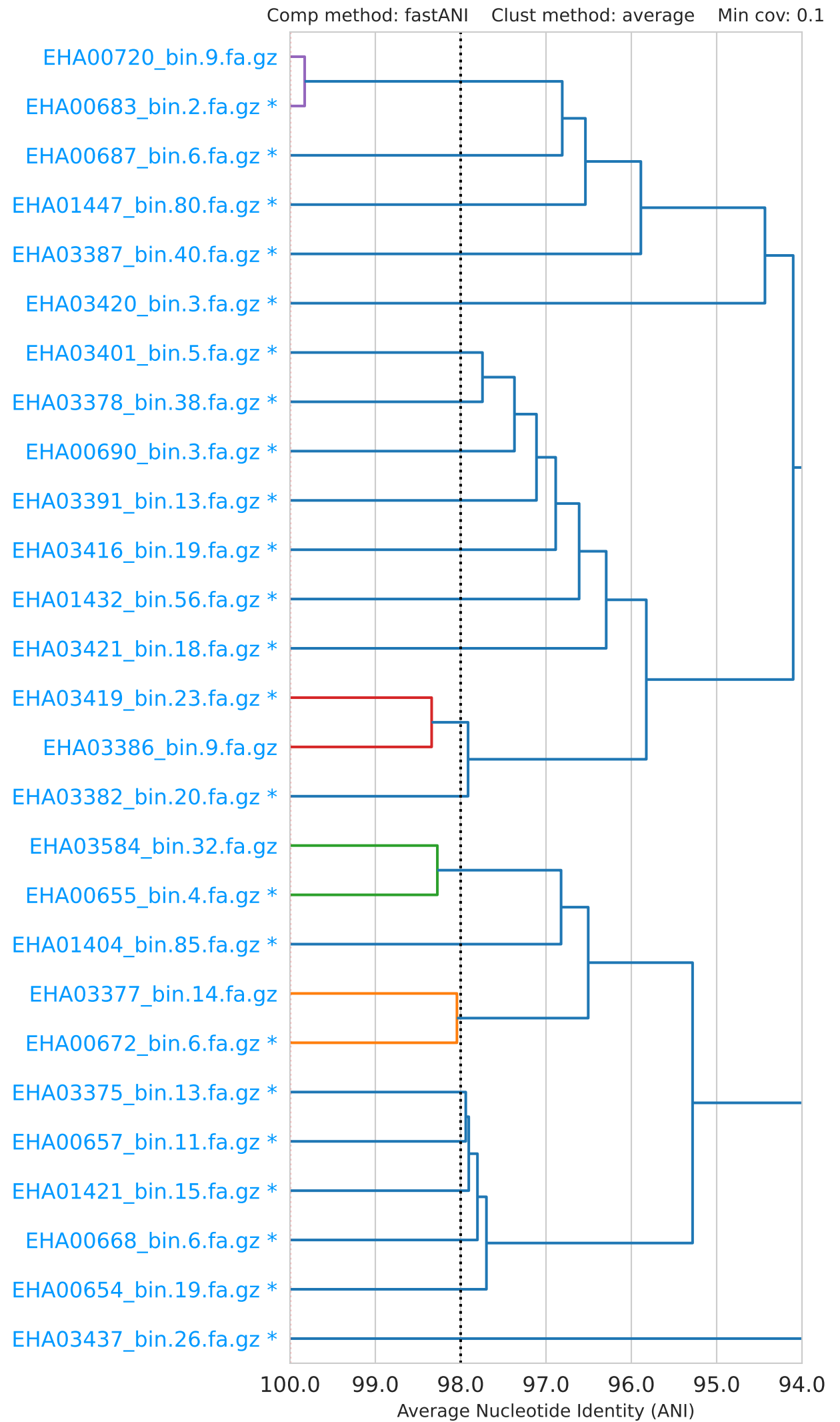
# Primary cluster 966



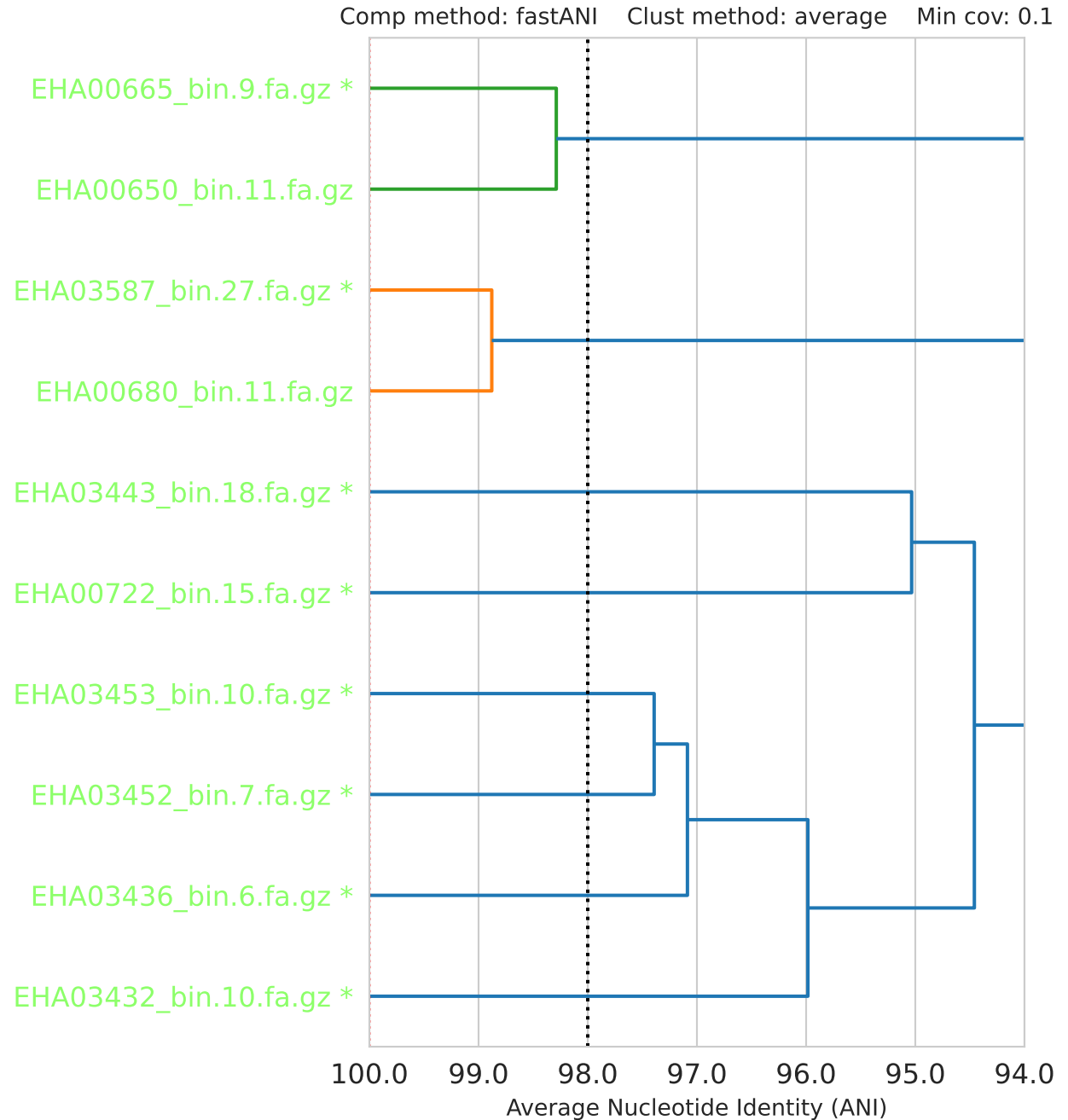
# Primary cluster 969



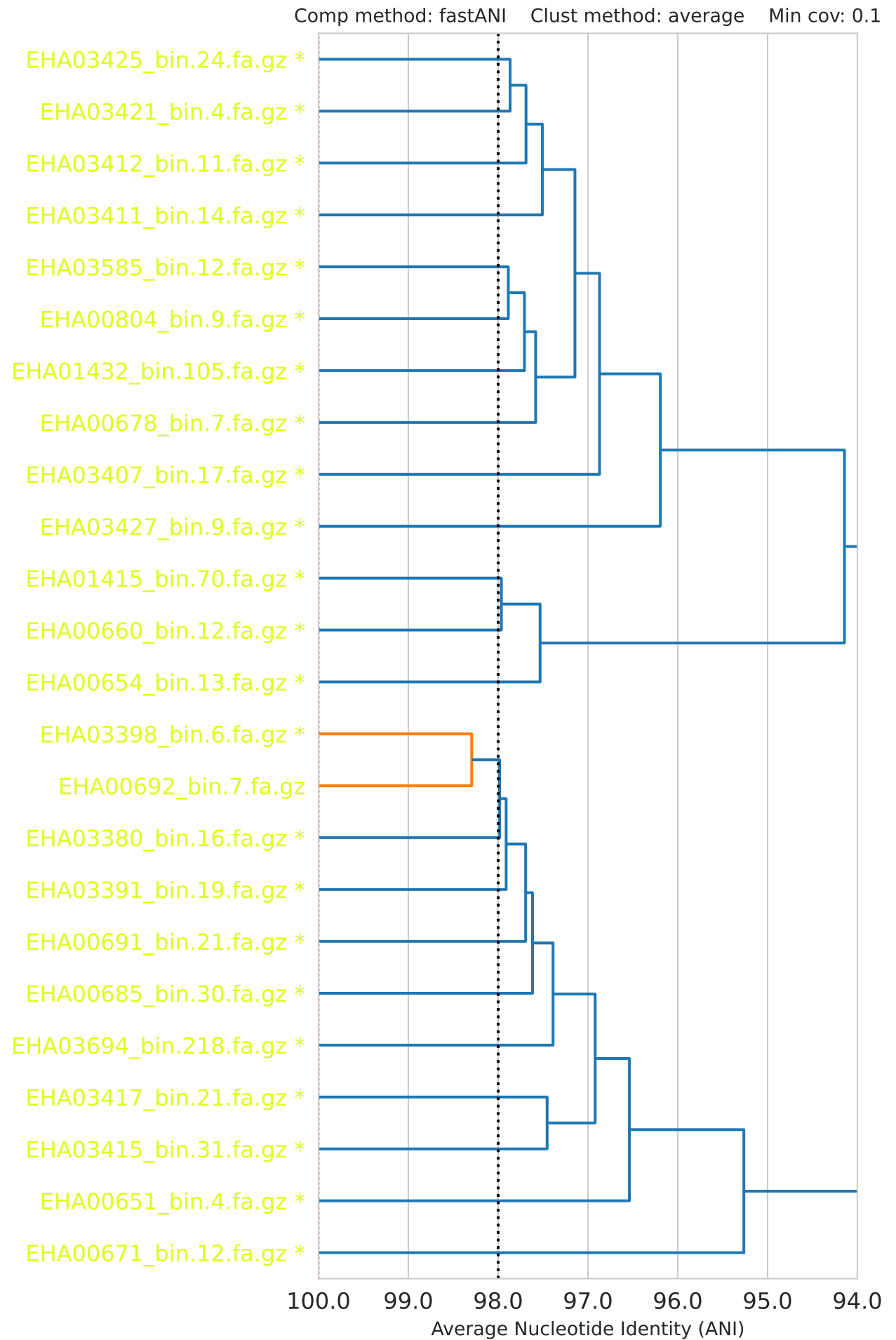
# Primary cluster 971



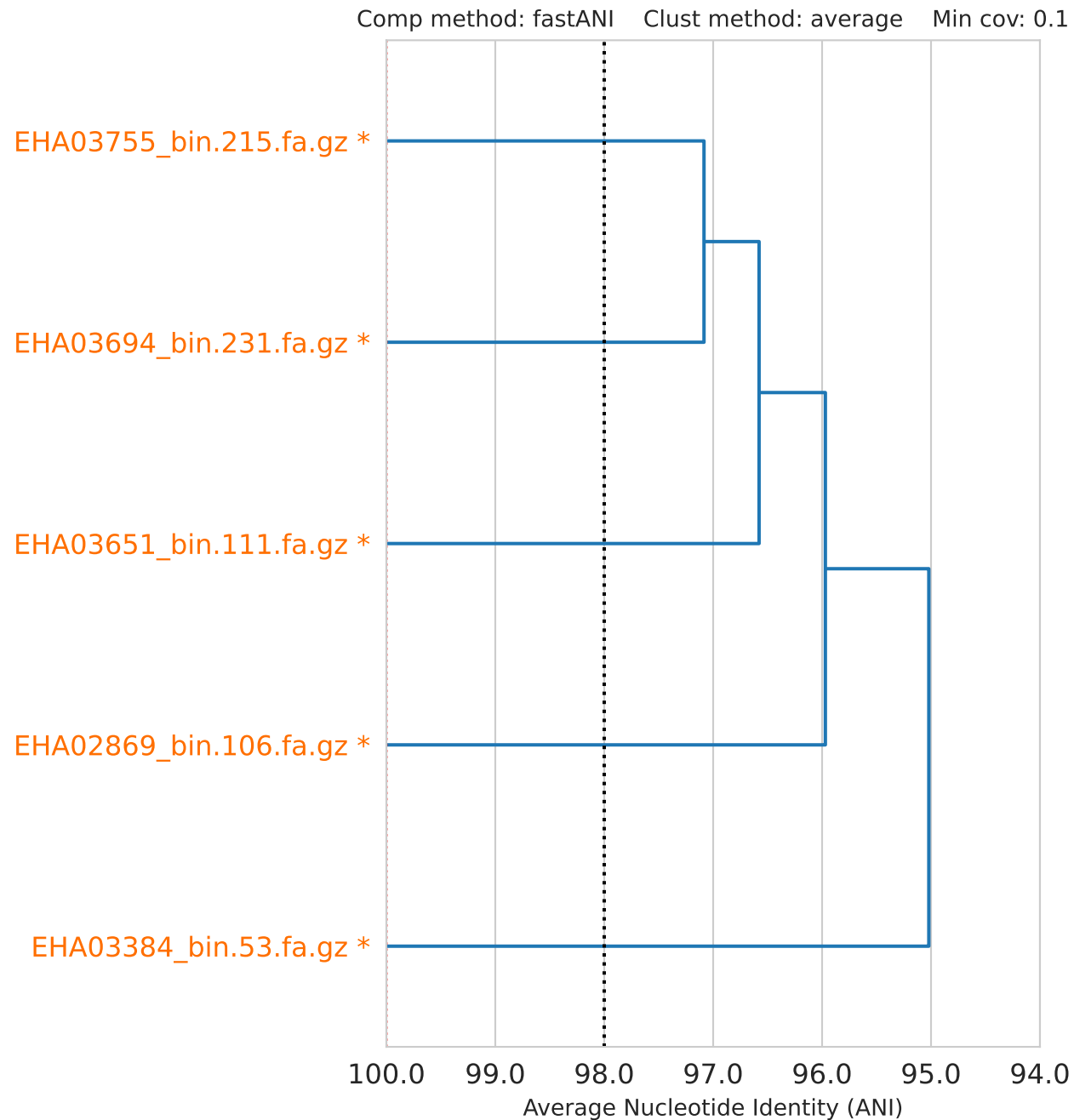
# Primary cluster 972



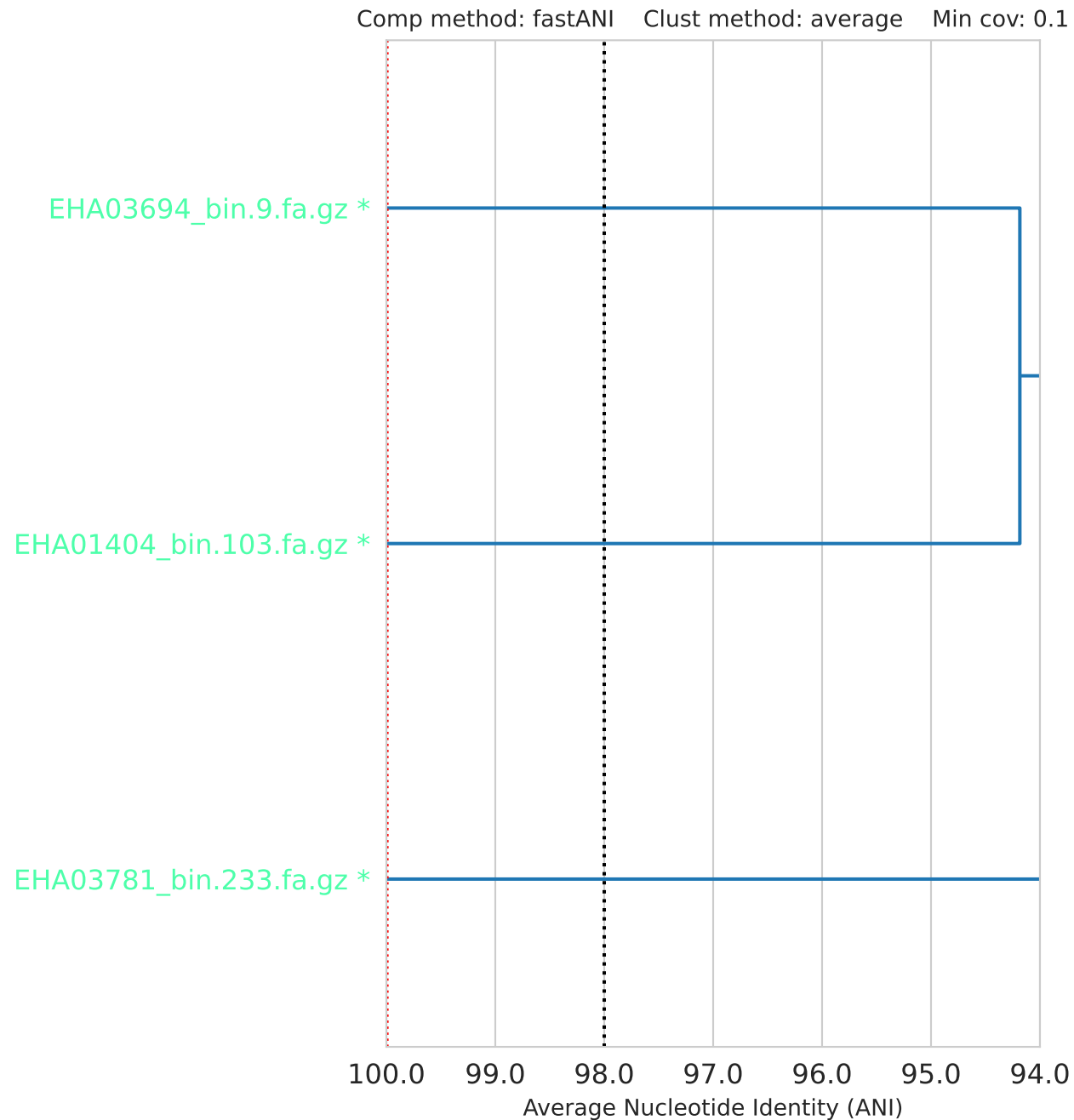
# Primary cluster 973



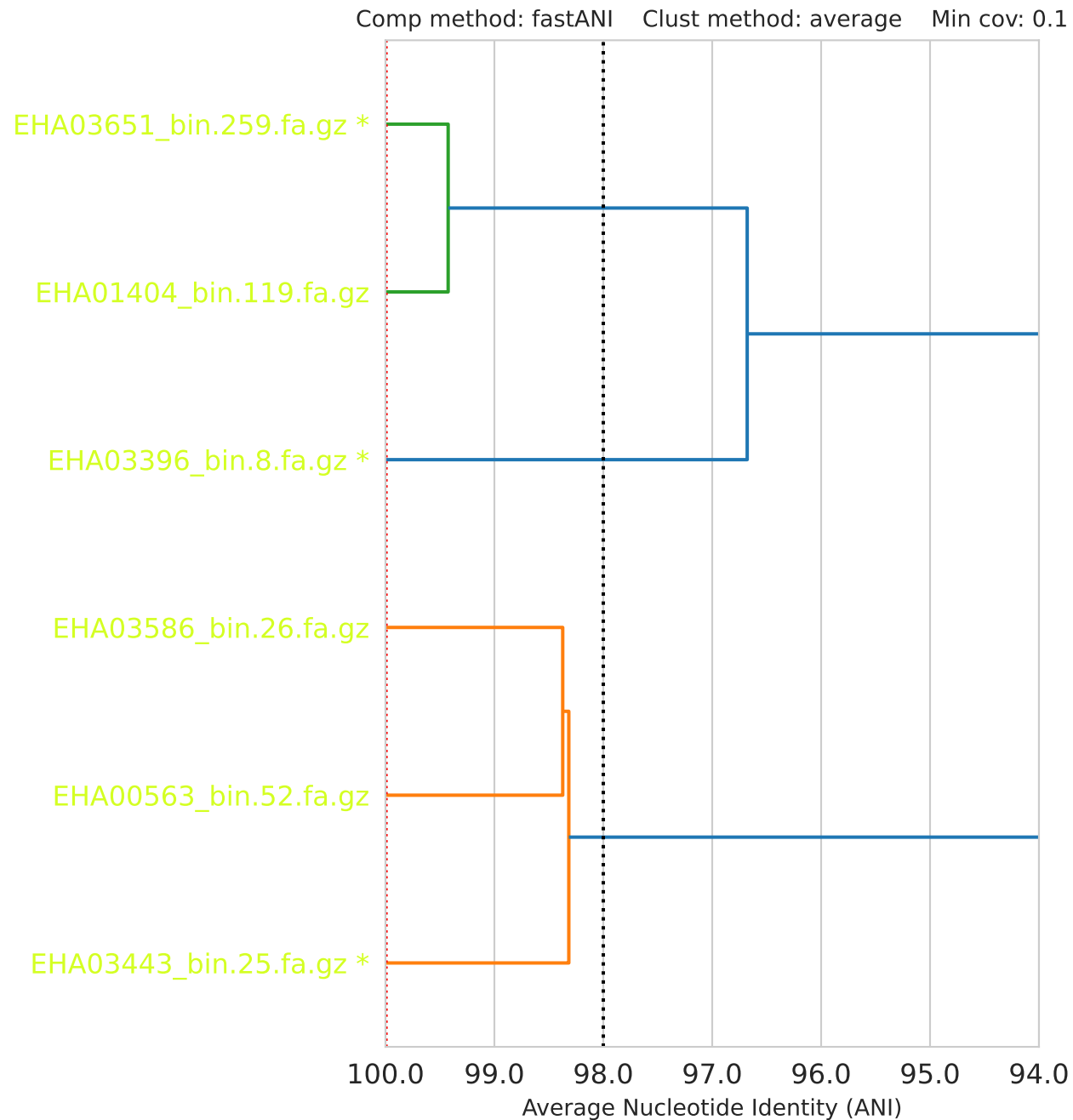
# Primary cluster 974



# Primary cluster 975

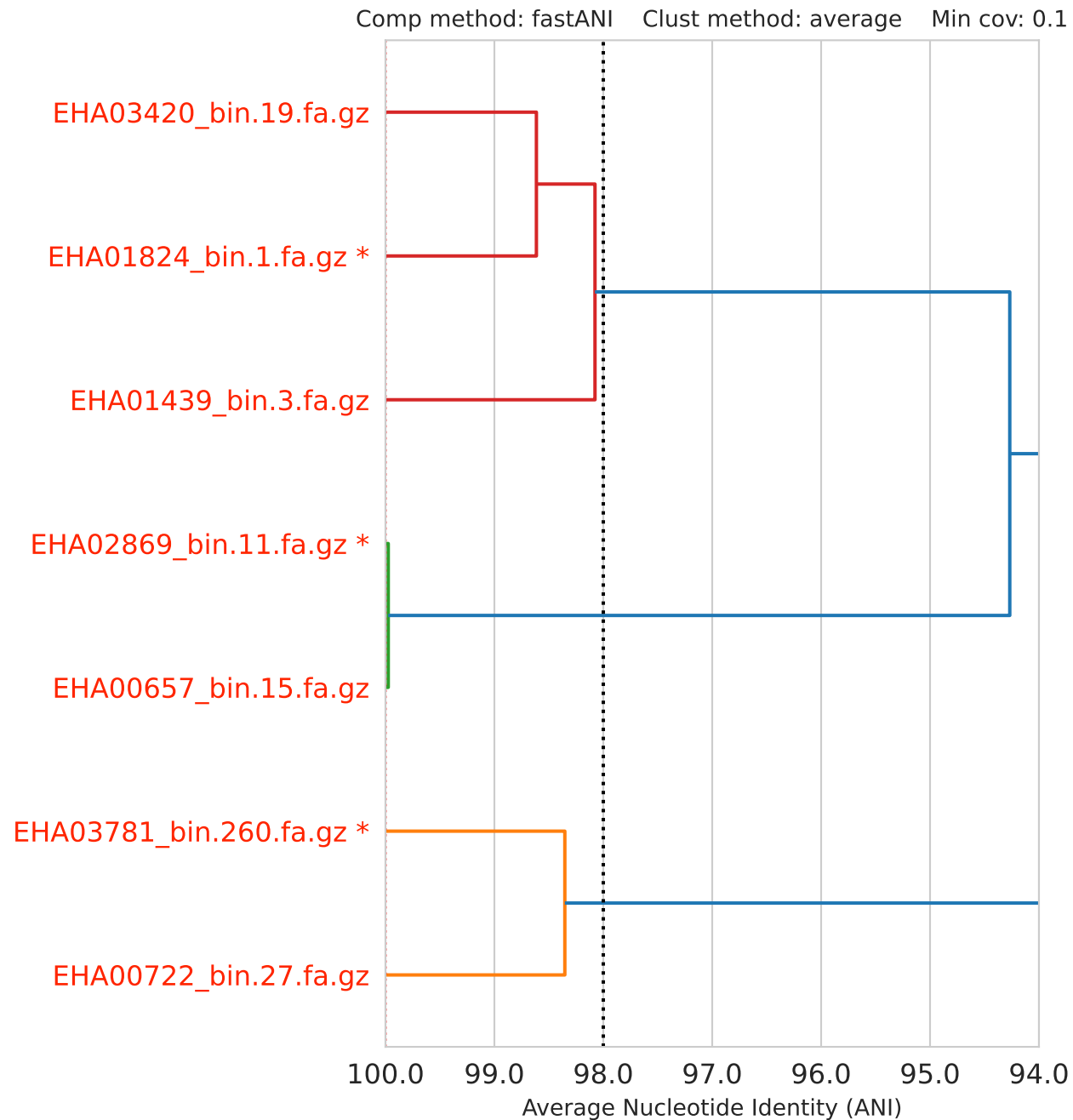


# Primary cluster 976

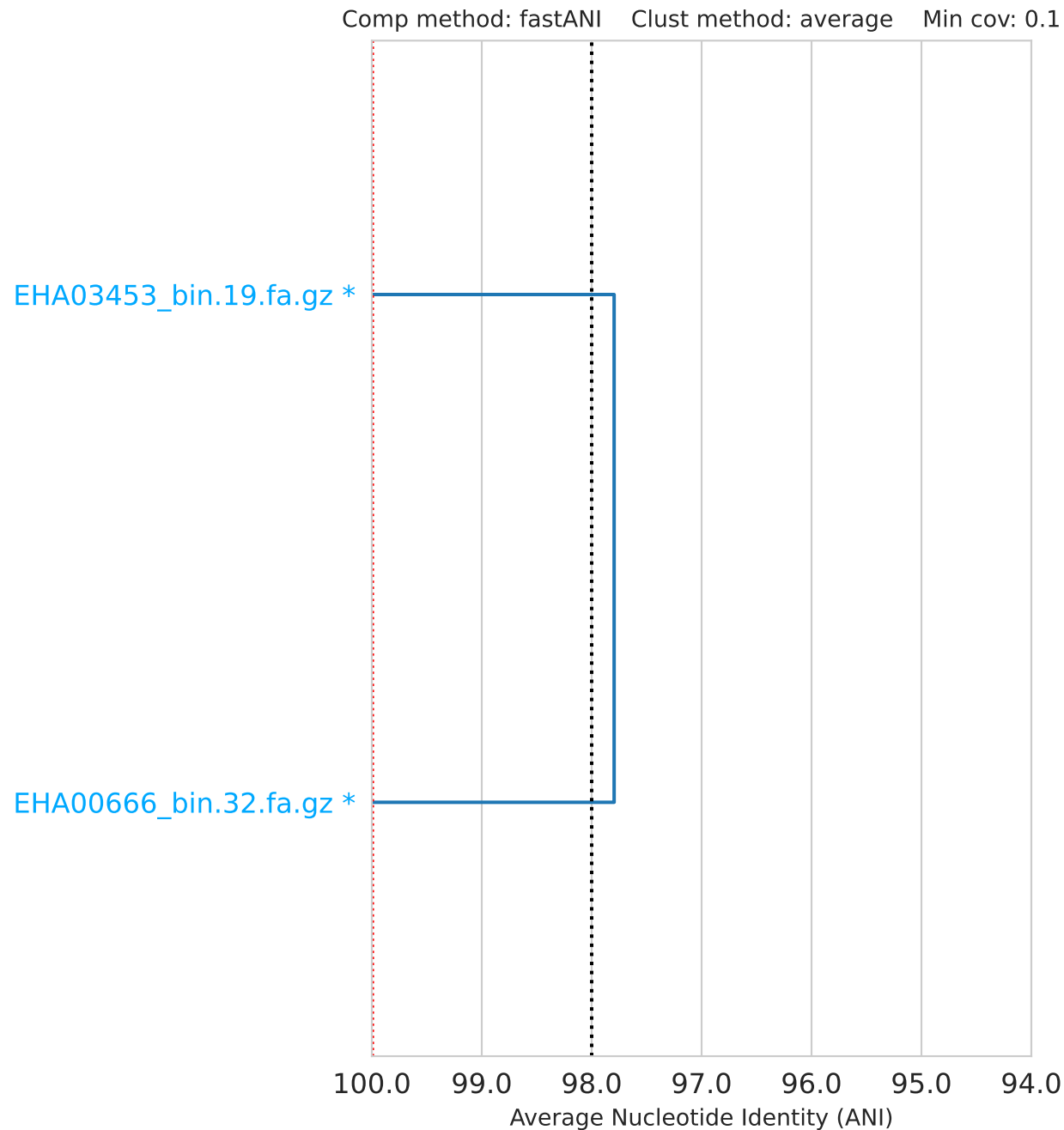




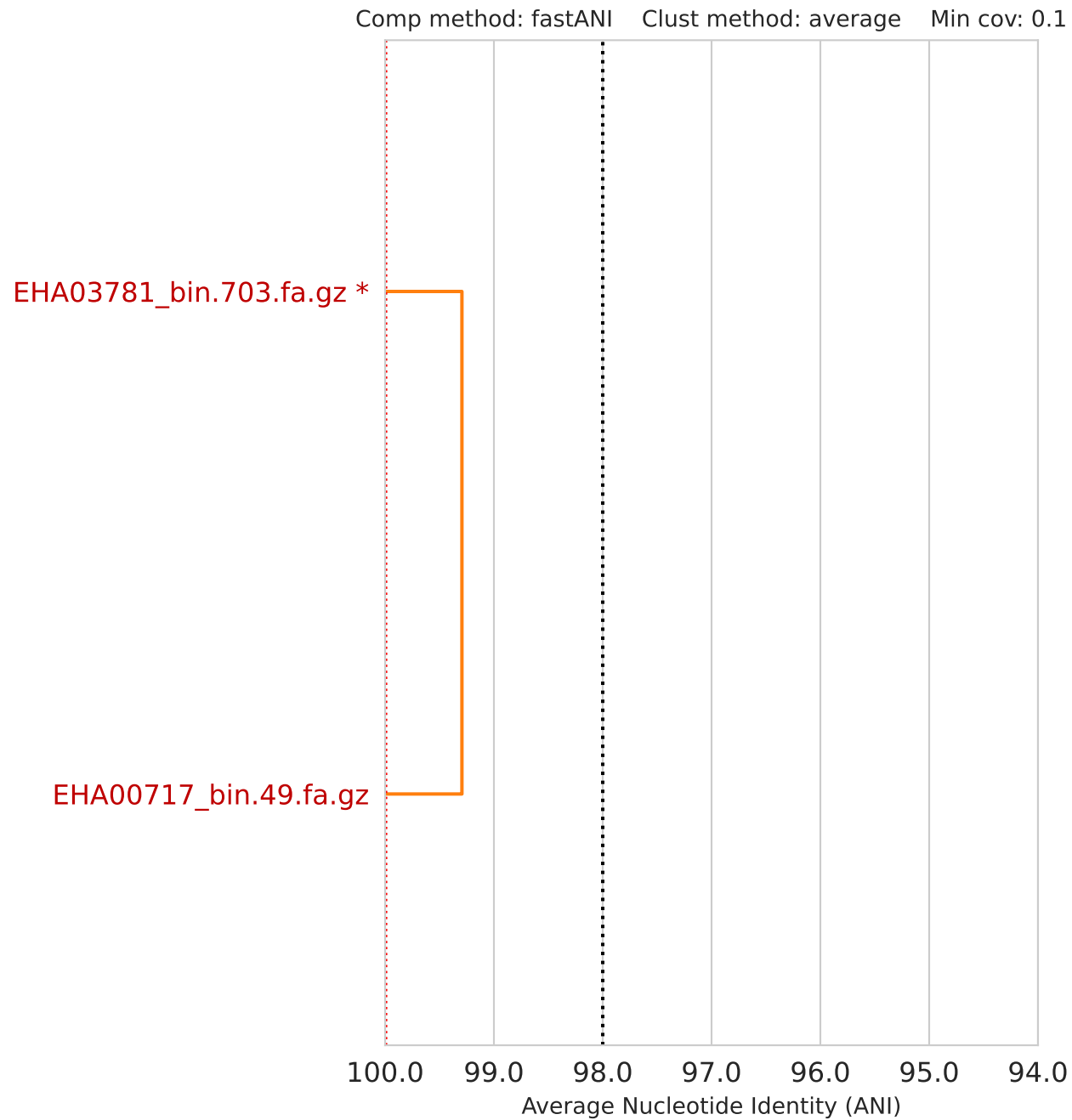
# Primary cluster 977



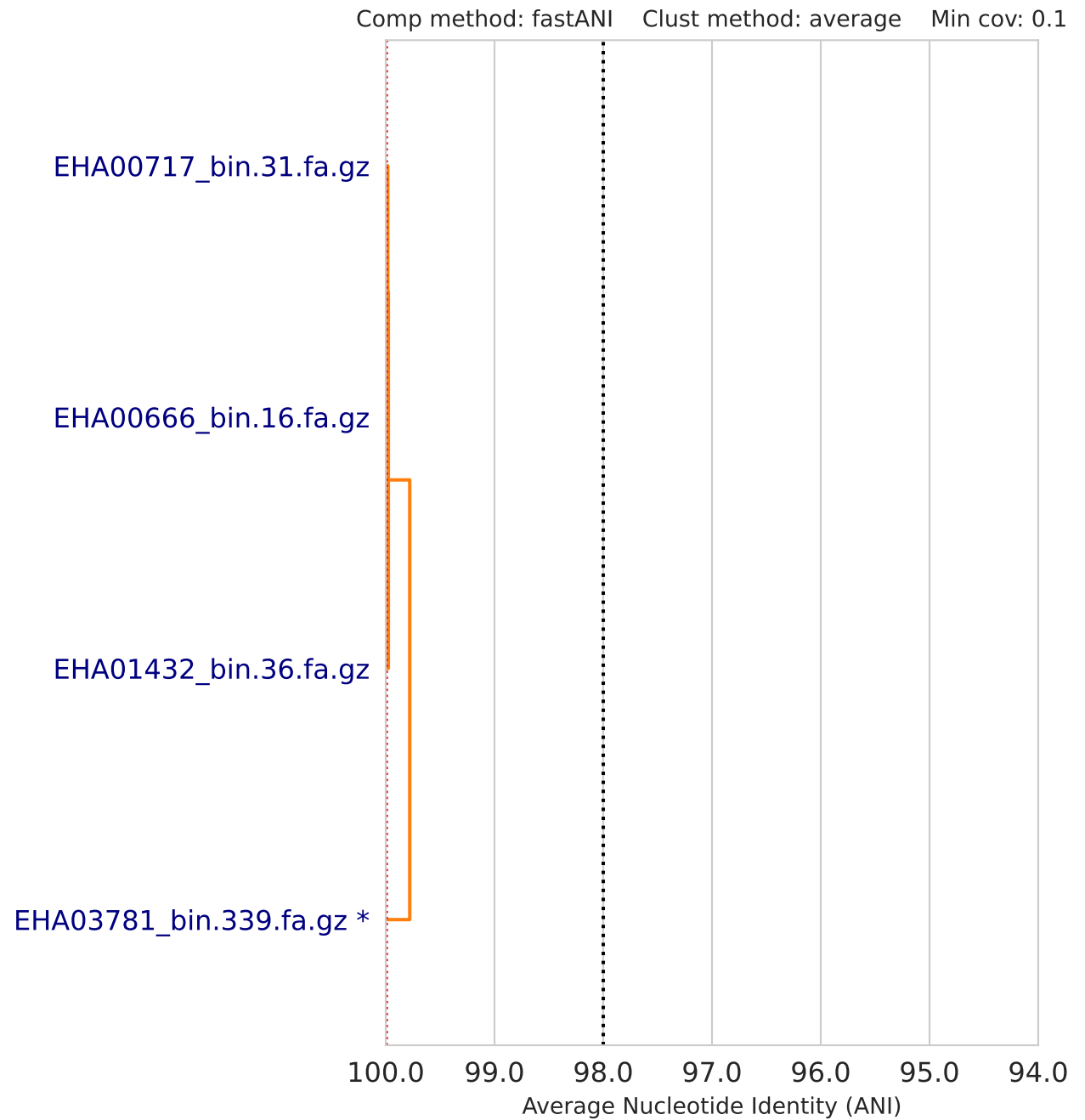
# Primary cluster 978



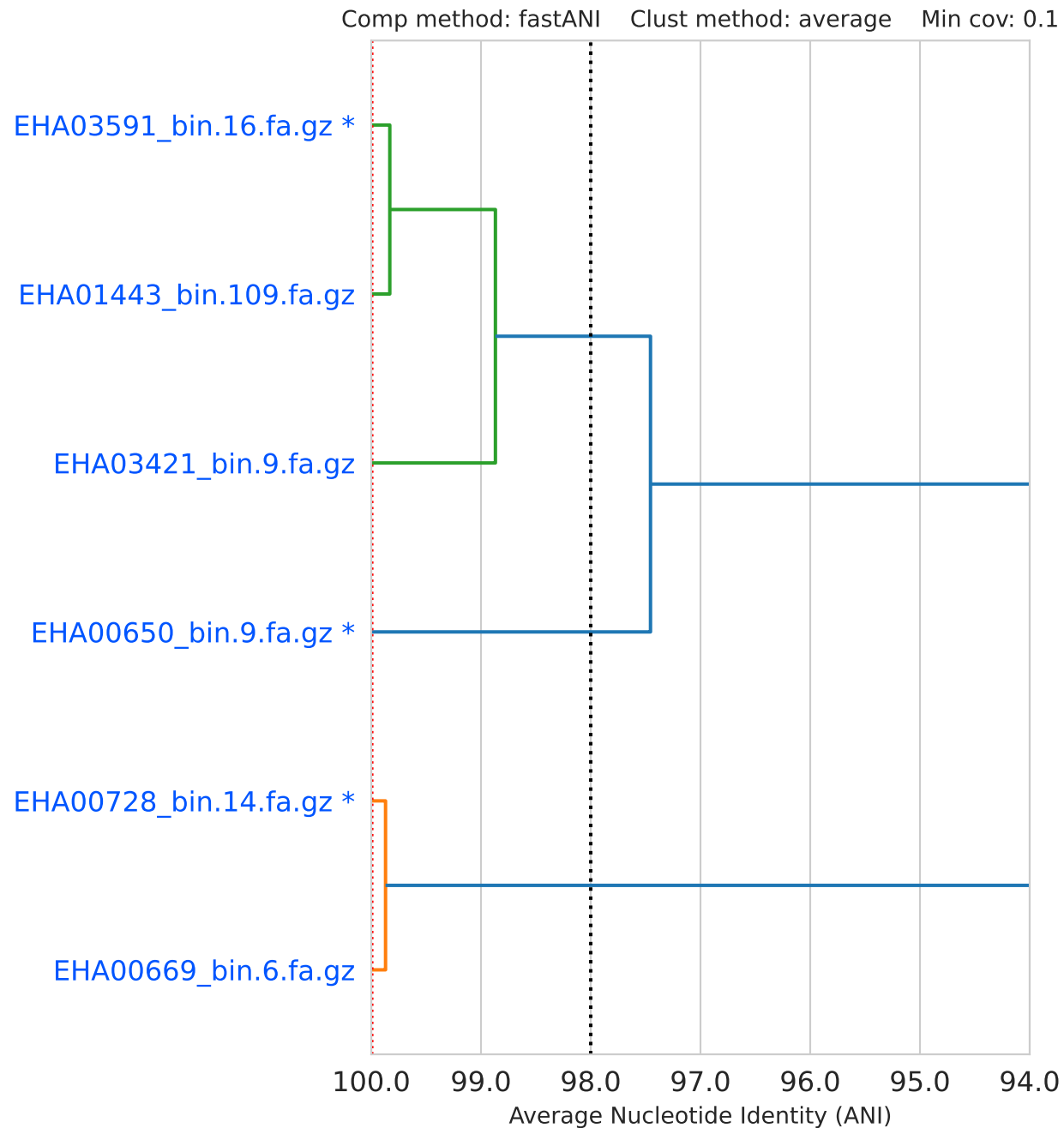
# Primary cluster 983



# Primary cluster 988



# Primary cluster 989



# Primary cluster 990

Comp method: fastANI

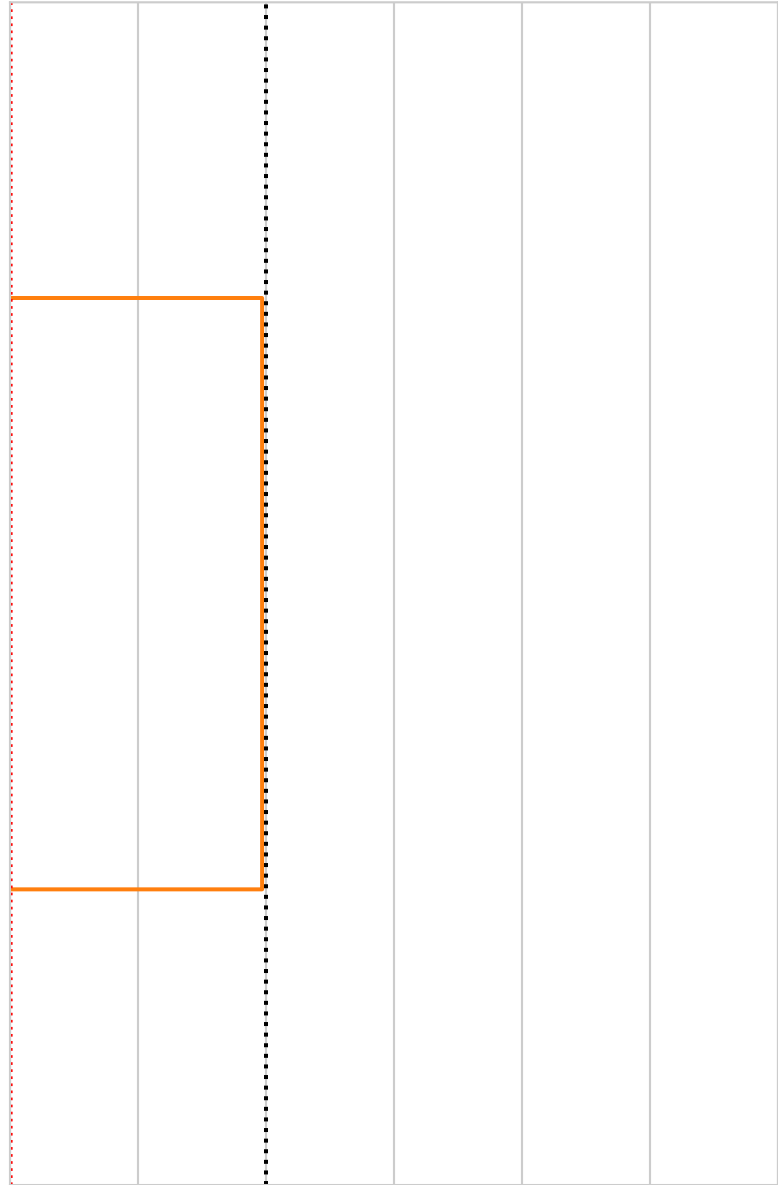
Clust method: average

Min cov: 0.1

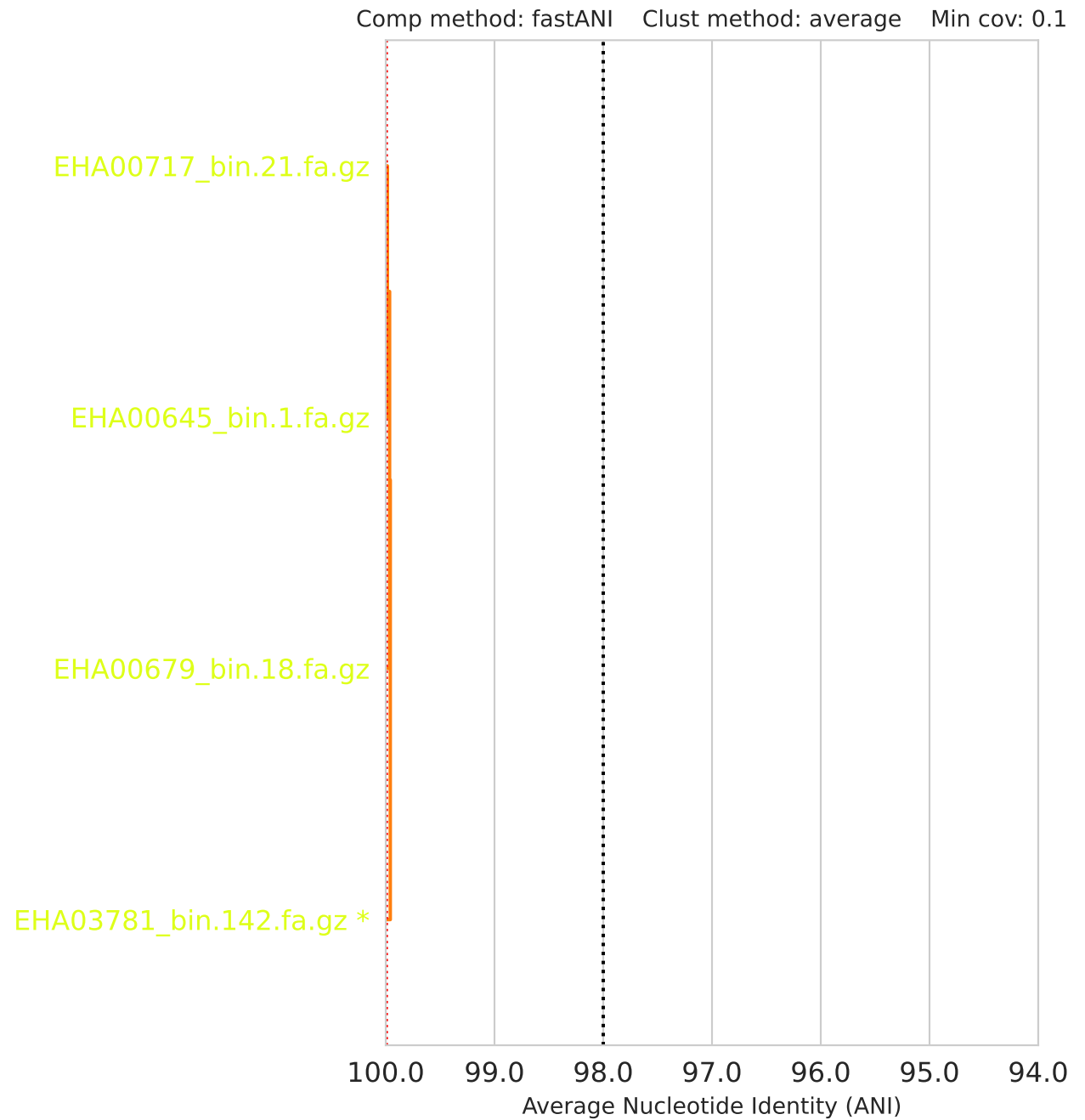
EHA03440\_bin.41.fa.gz

EHA03436\_bin.1.fa.gz \*

100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



# Primary cluster 995



# Primary cluster 996

Comp method: fastANI

Clust method: average

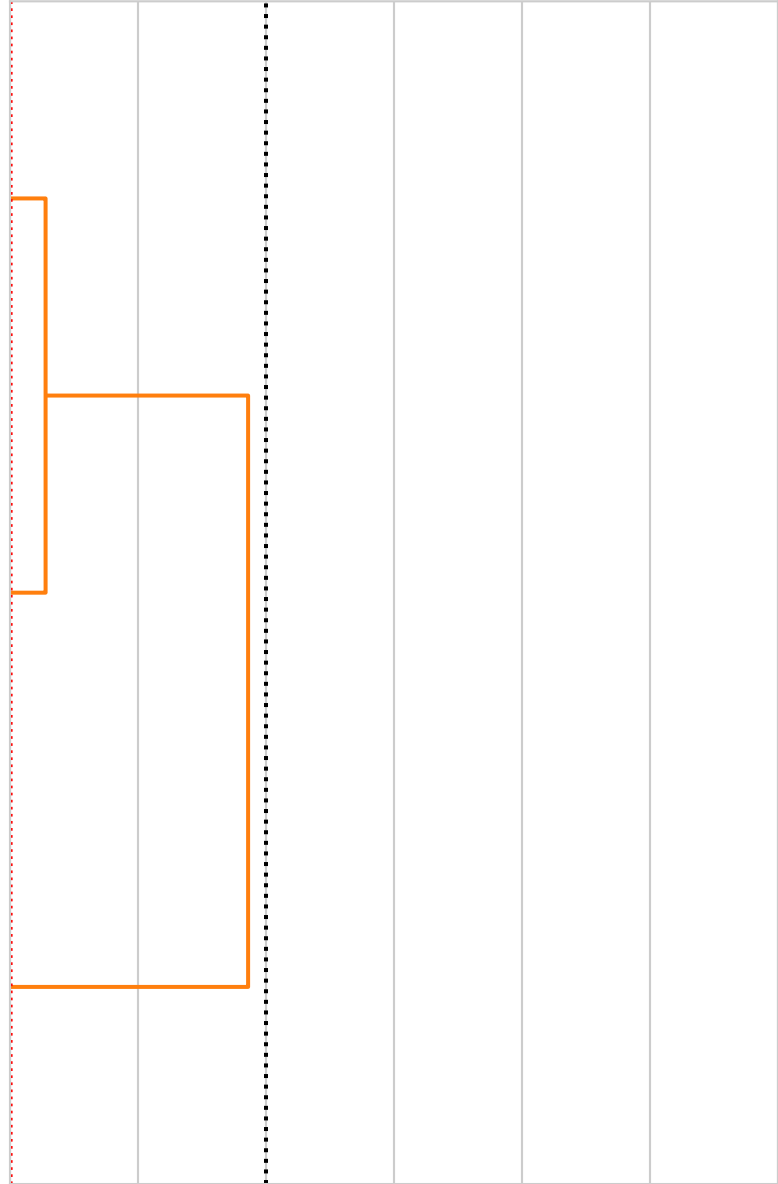
Min cov: 0.1

EHA03651\_bin.494.fa.gz

EHA01409\_bin.97.fa.gz

EHA03442\_bin.23.fa.gz \*

100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)





# Primary cluster 997

Comp method: fastANI

Clust method: average

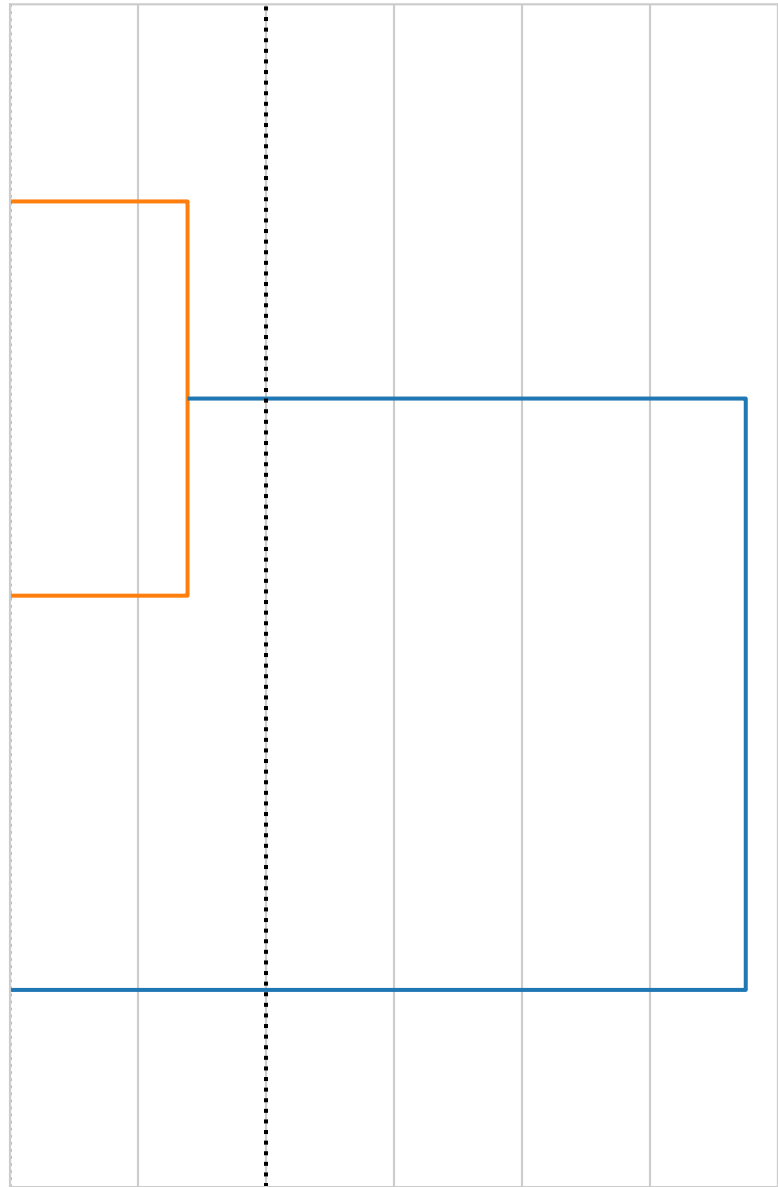
Min cov: 0.1

EHA03781\_bin.158.fa.gz \*

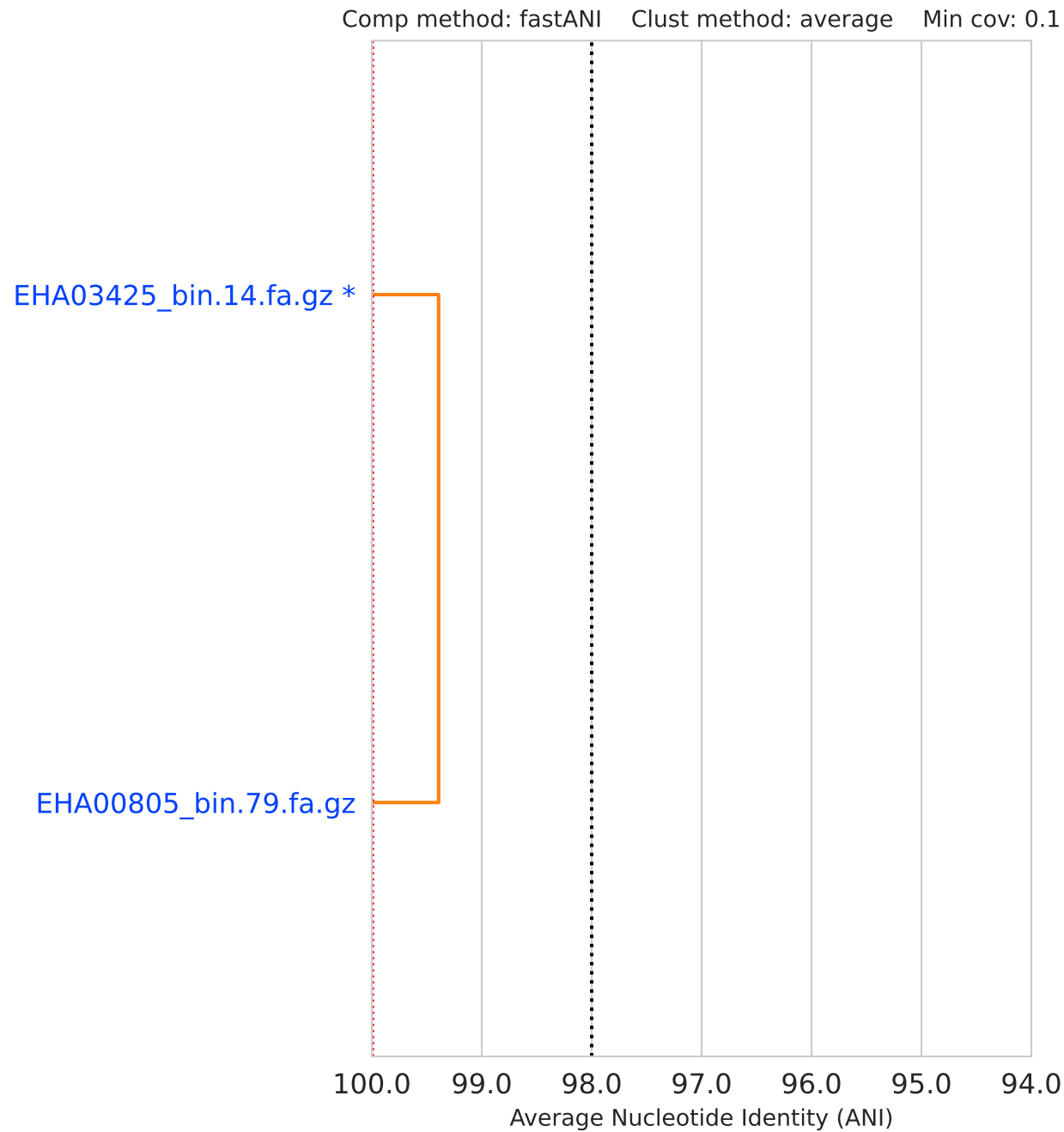
EHA03437\_bin.29.fa.gz

EHA01404\_bin.9.fa.gz \*

100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



# Primary cluster 998



# Primary cluster 999

Comp method: fastANI

Clust method: average

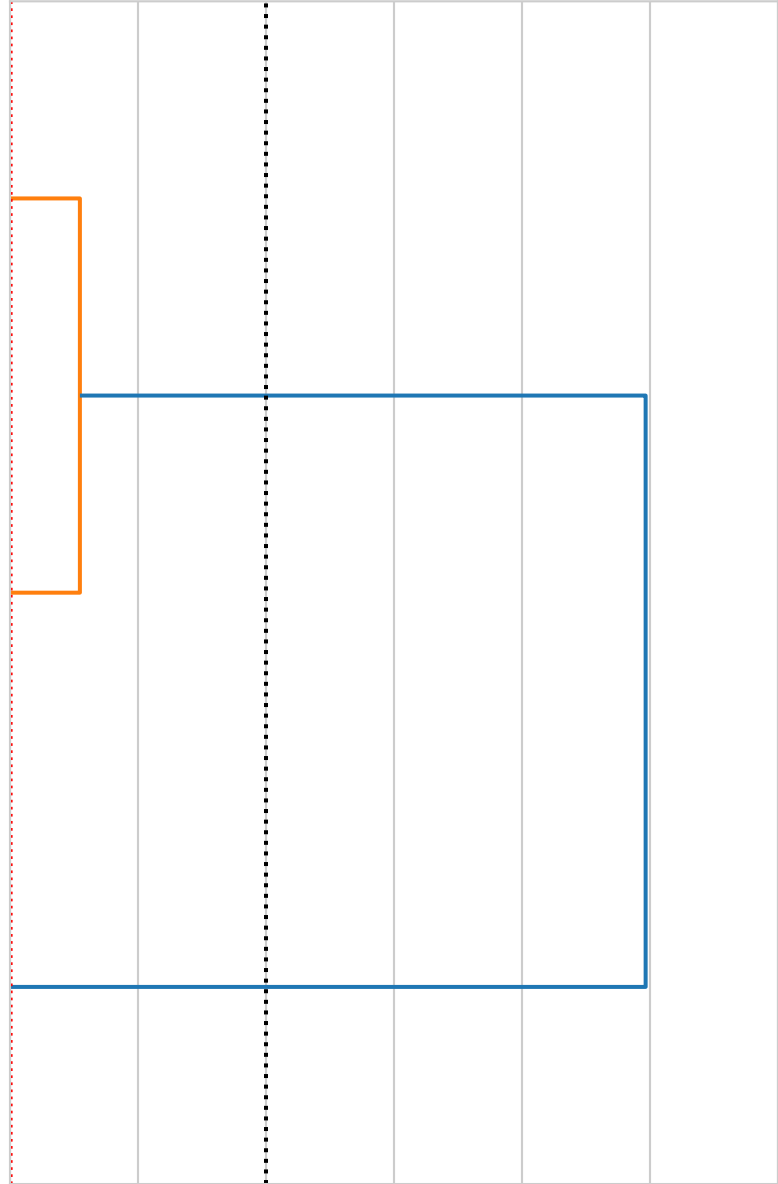
Min cov: 0.1

EHA03651\_bin.479.fa.gz \*

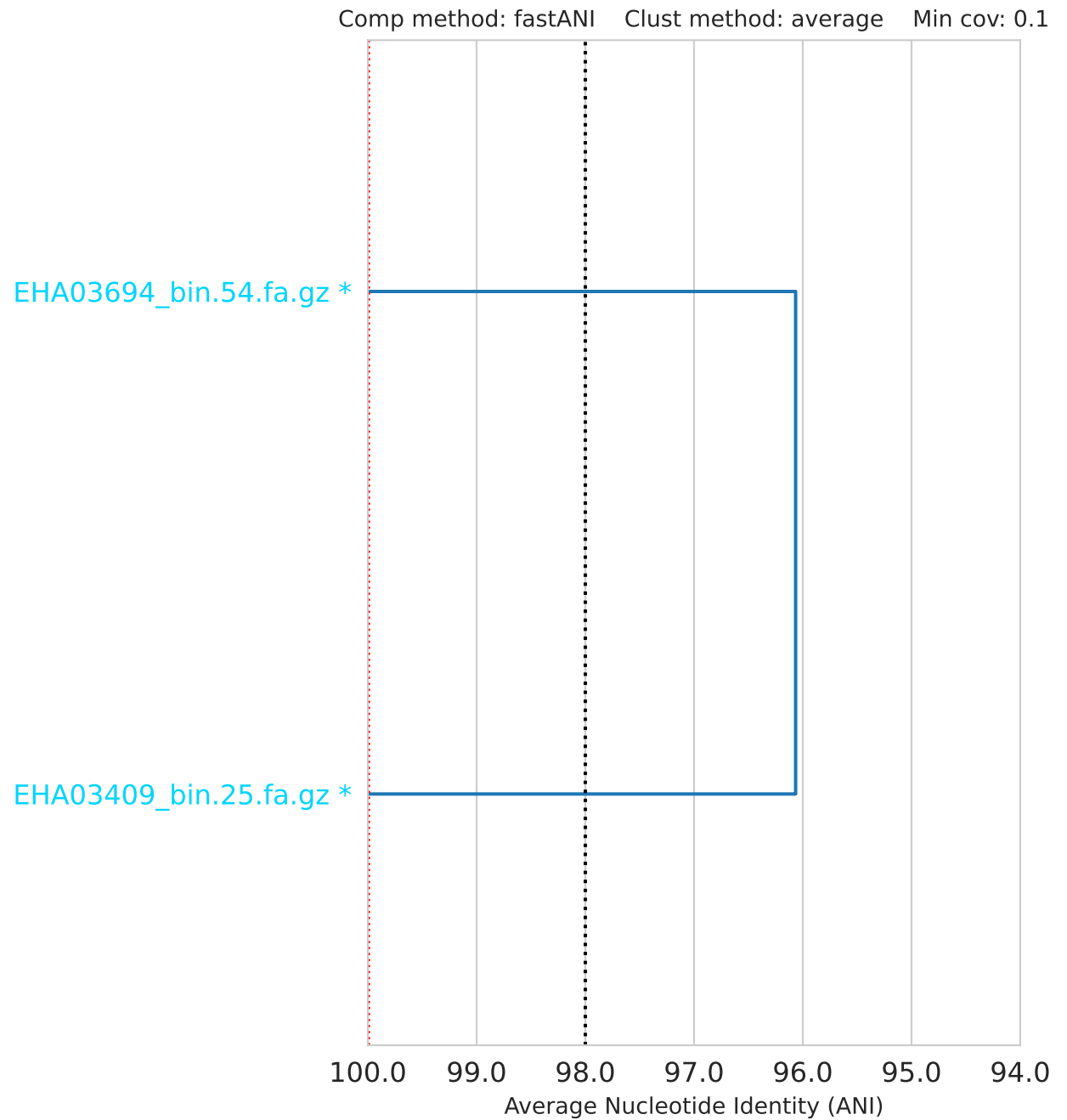
EHA01404\_bin.53.fa.gz

EHA03437\_bin.2.fa.gz \*

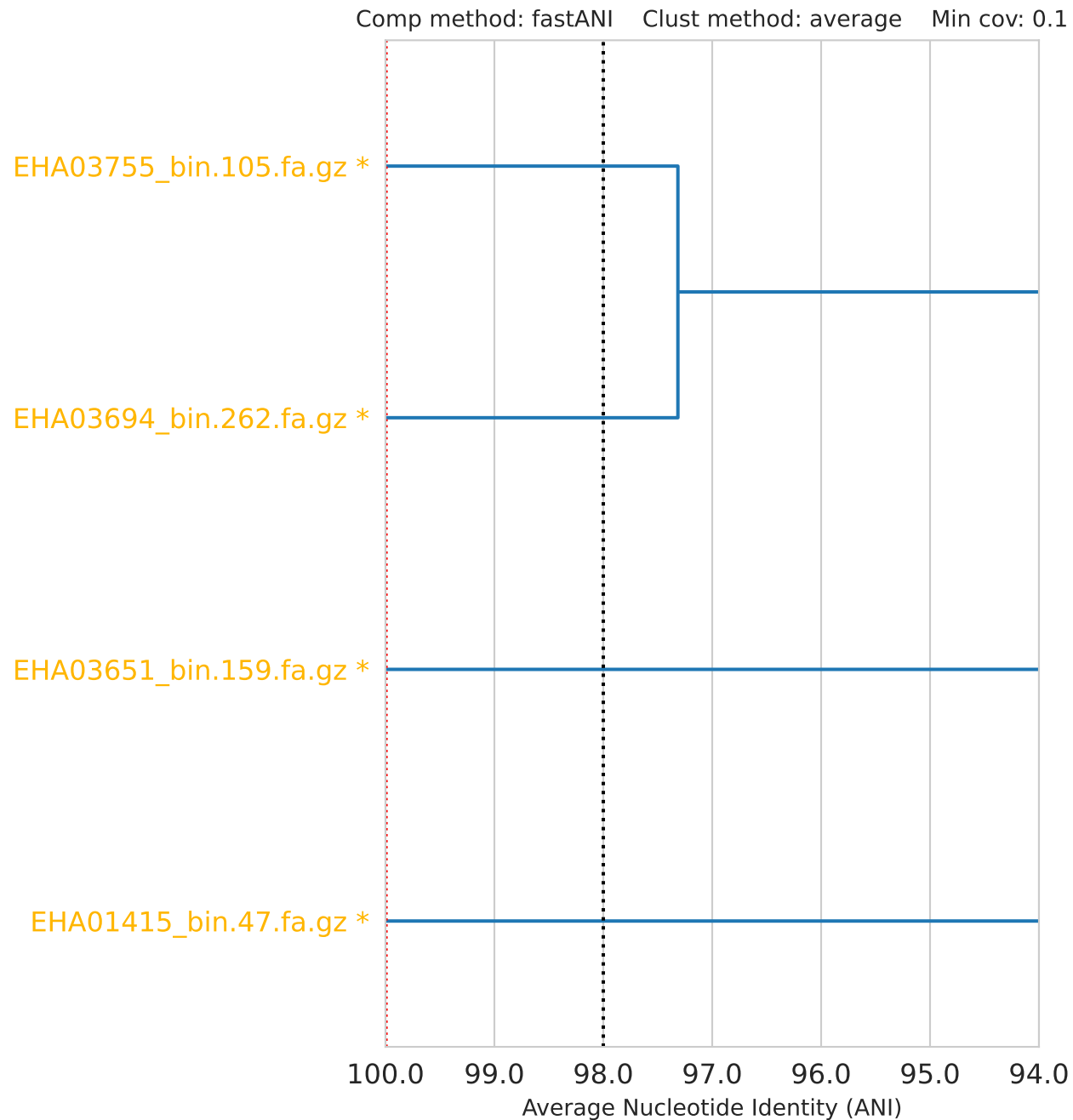
100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



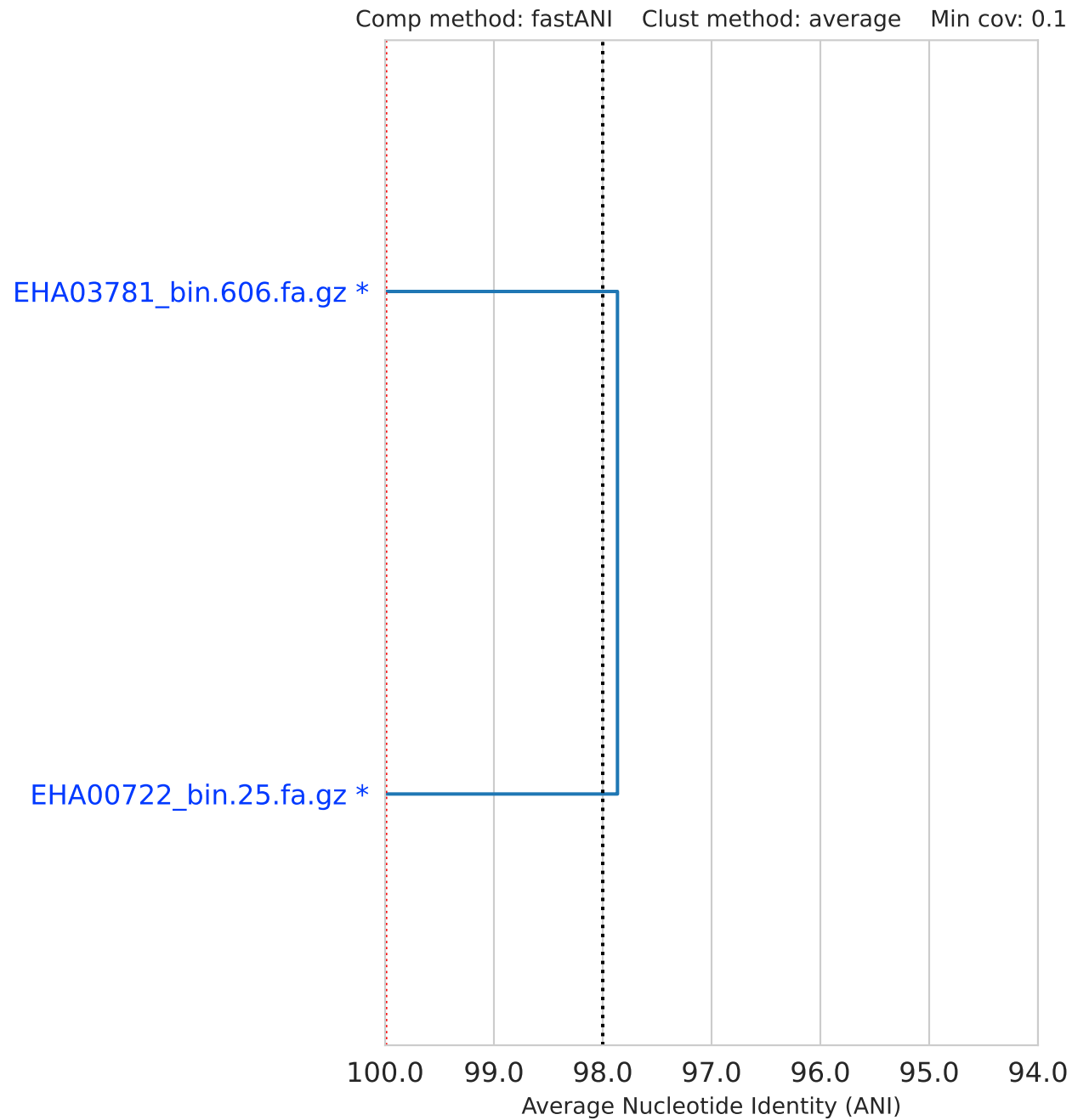
# Primary cluster 1002



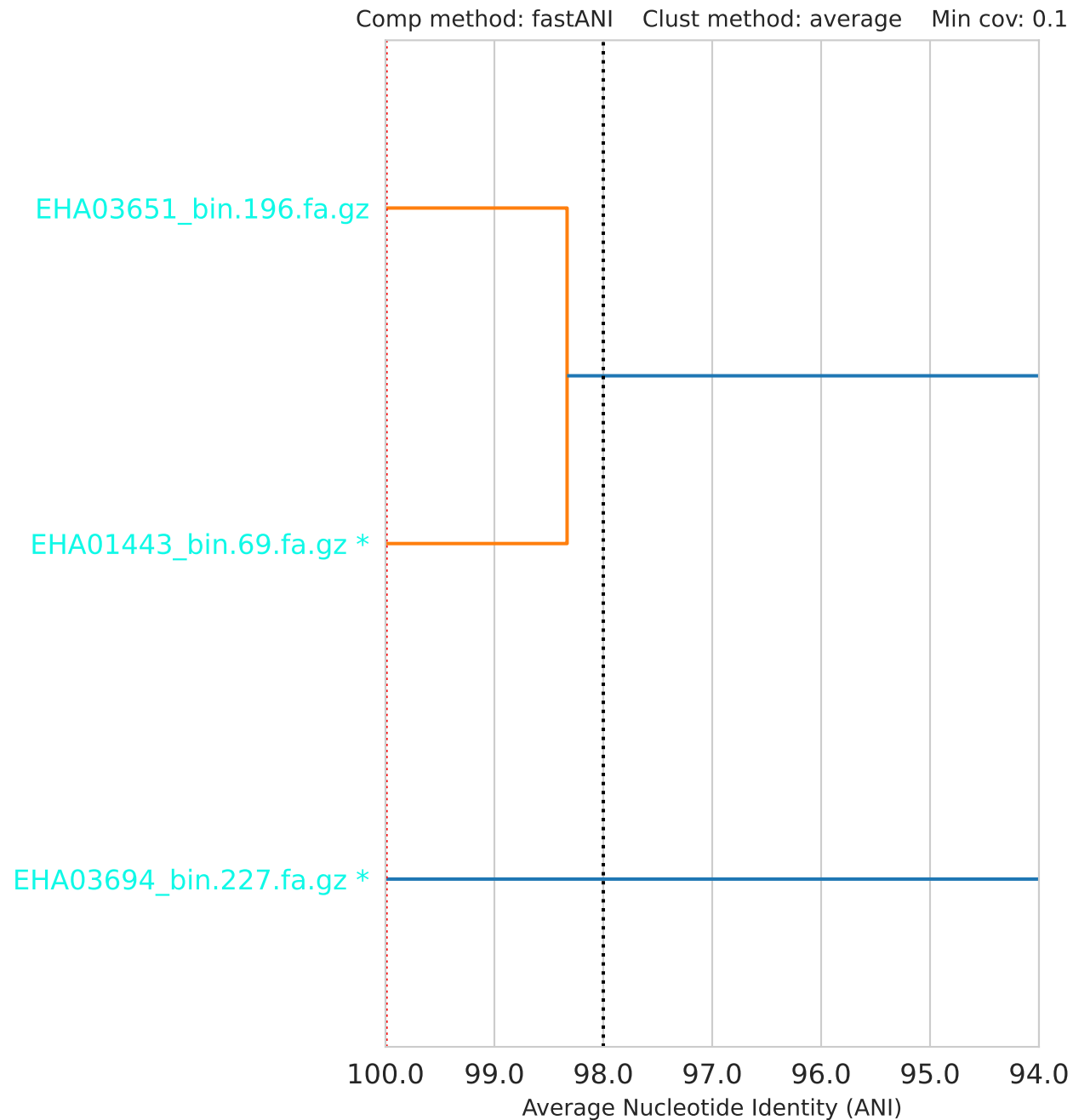
# Primary cluster 1004



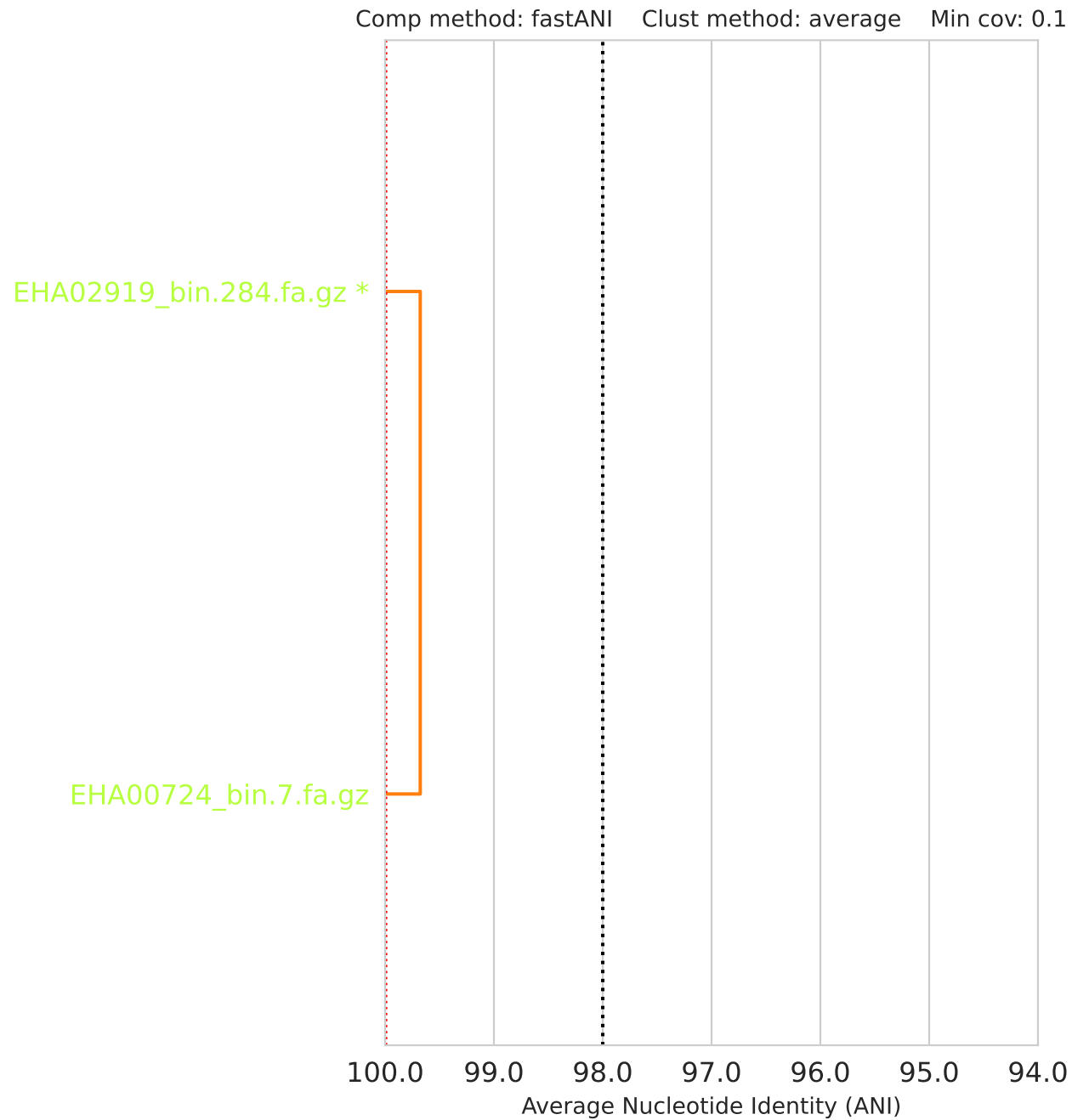
# Primary cluster 1005



# Primary cluster 1006

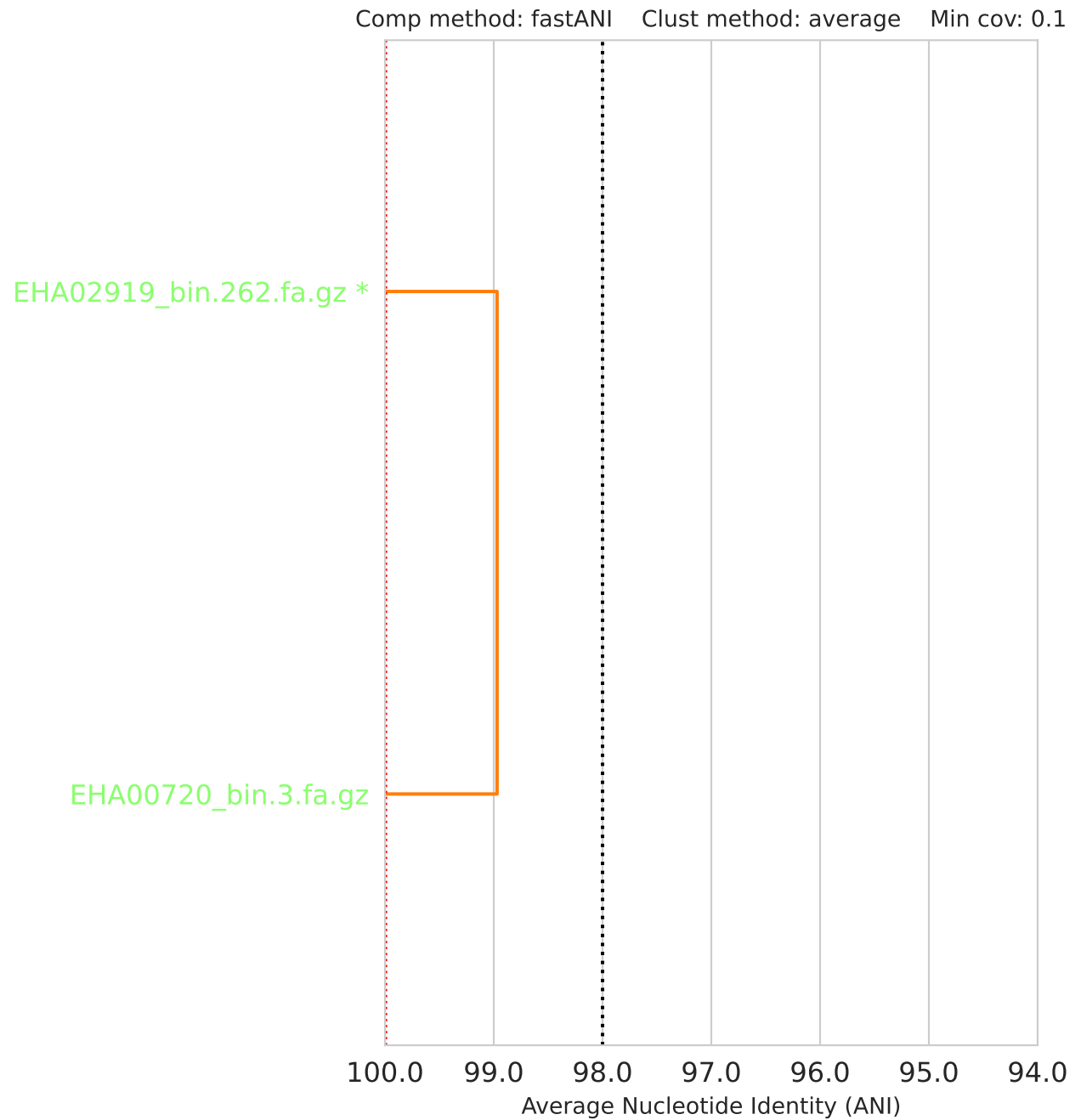


# Primary cluster 1007

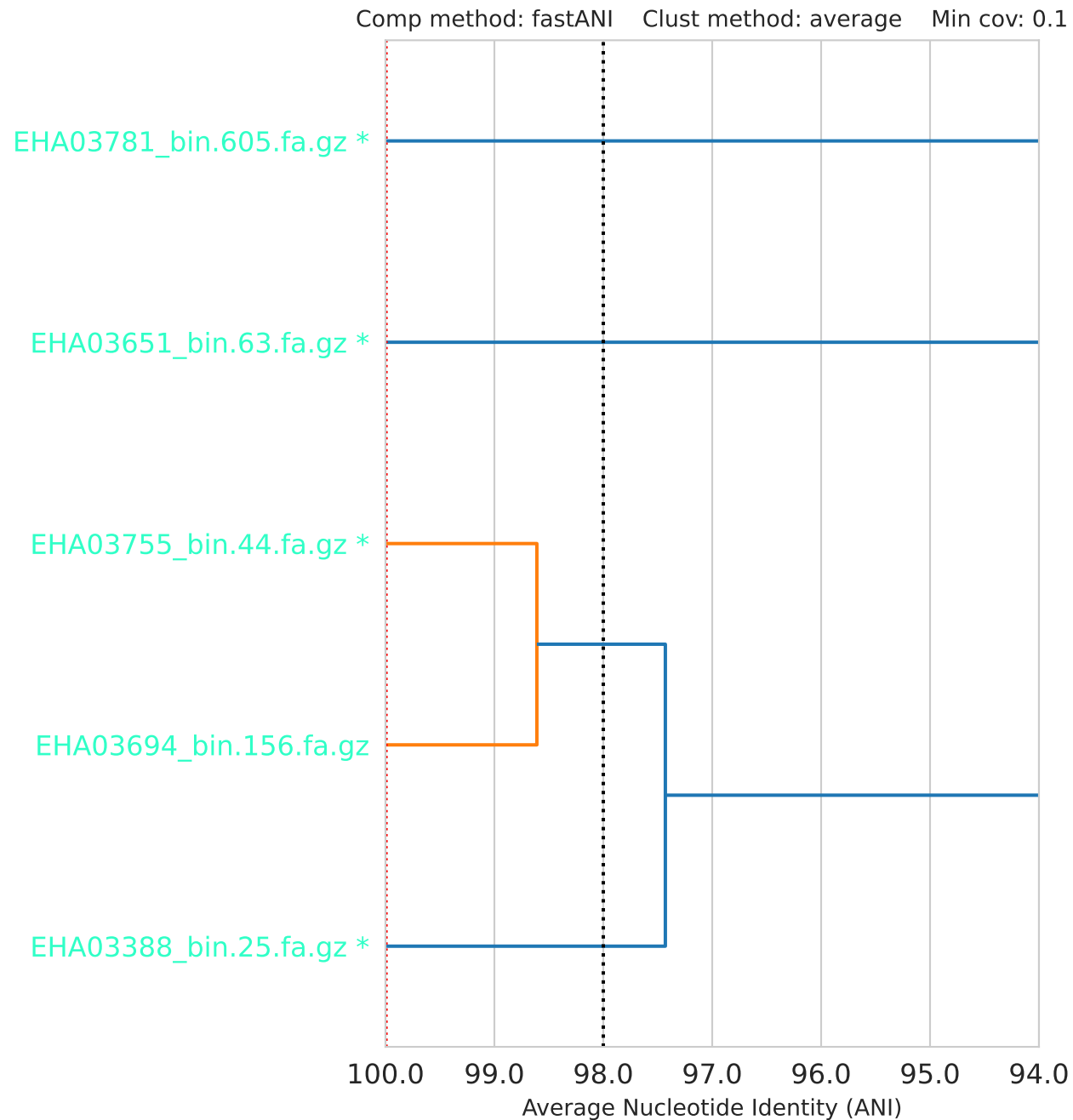




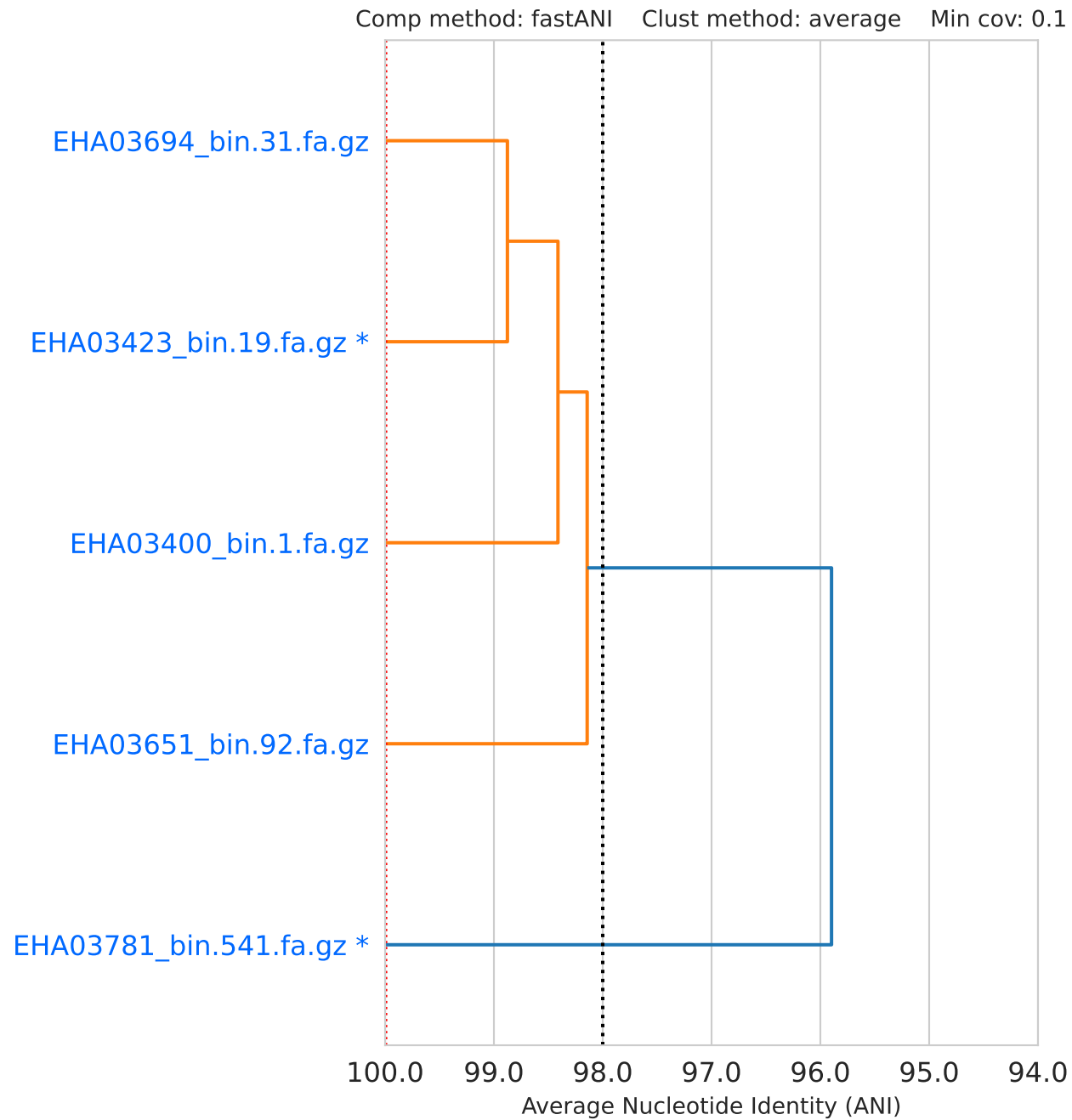
# Primary cluster 1008



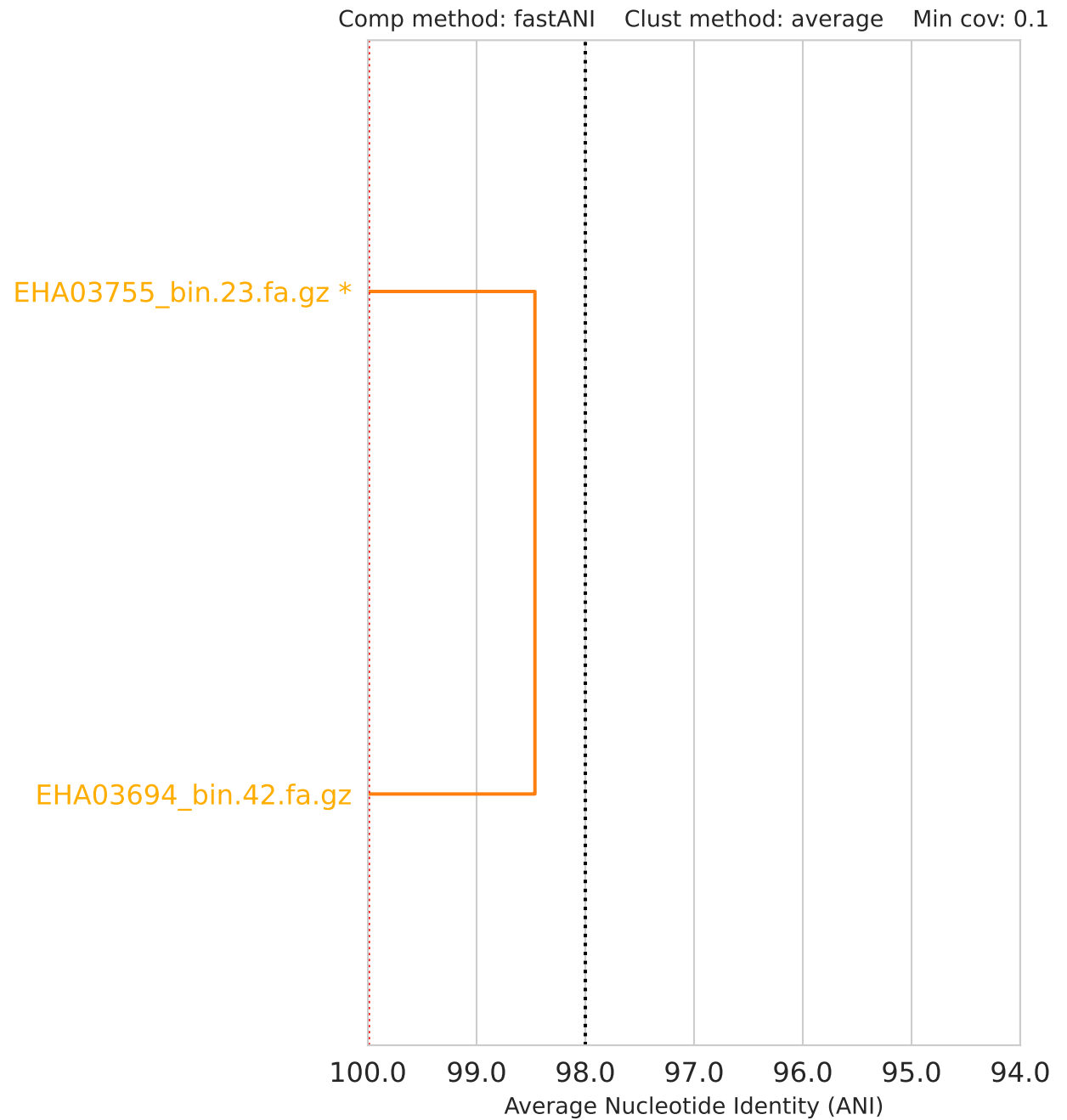
# Primary cluster 1010



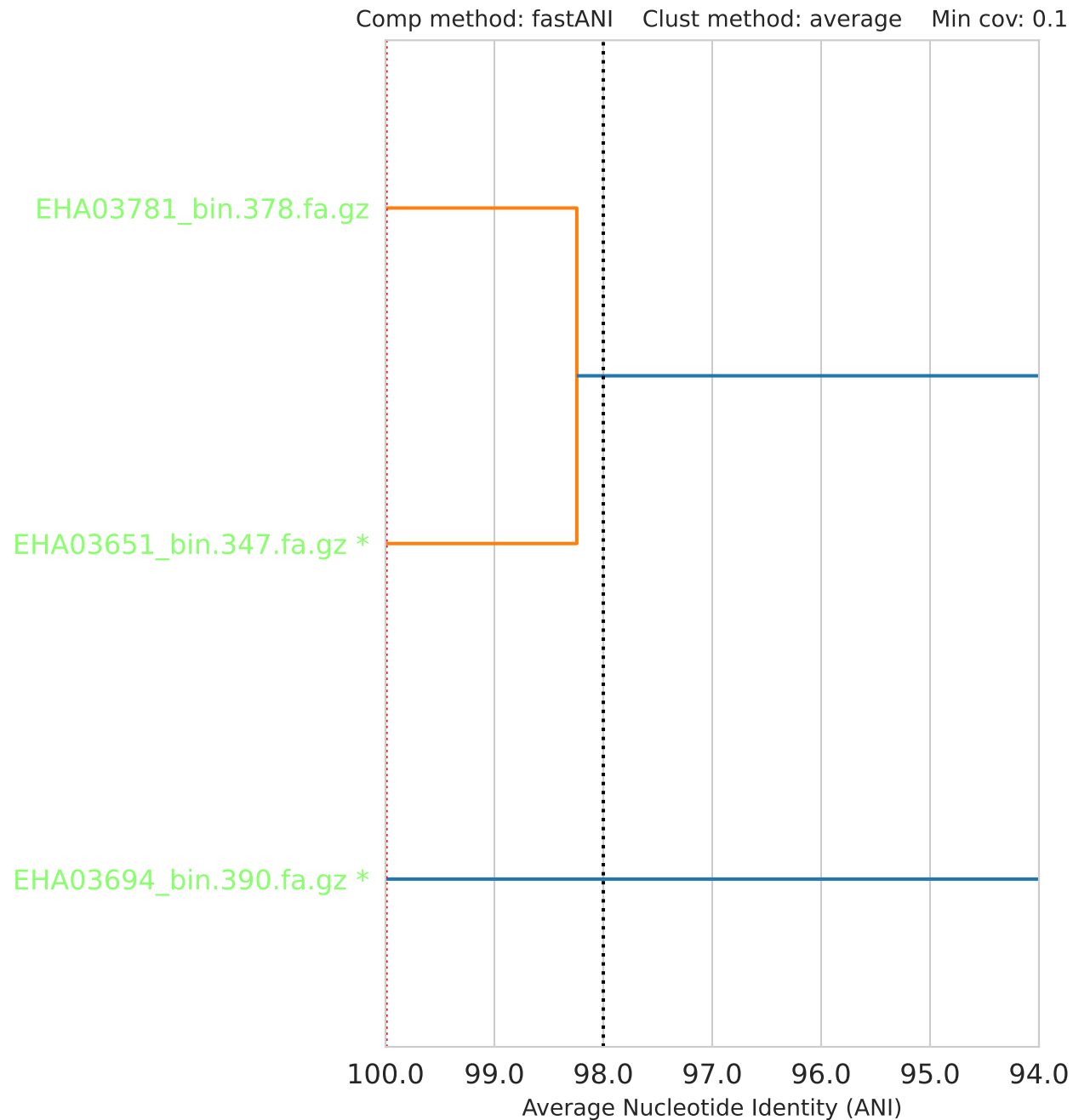
# Primary cluster 1012



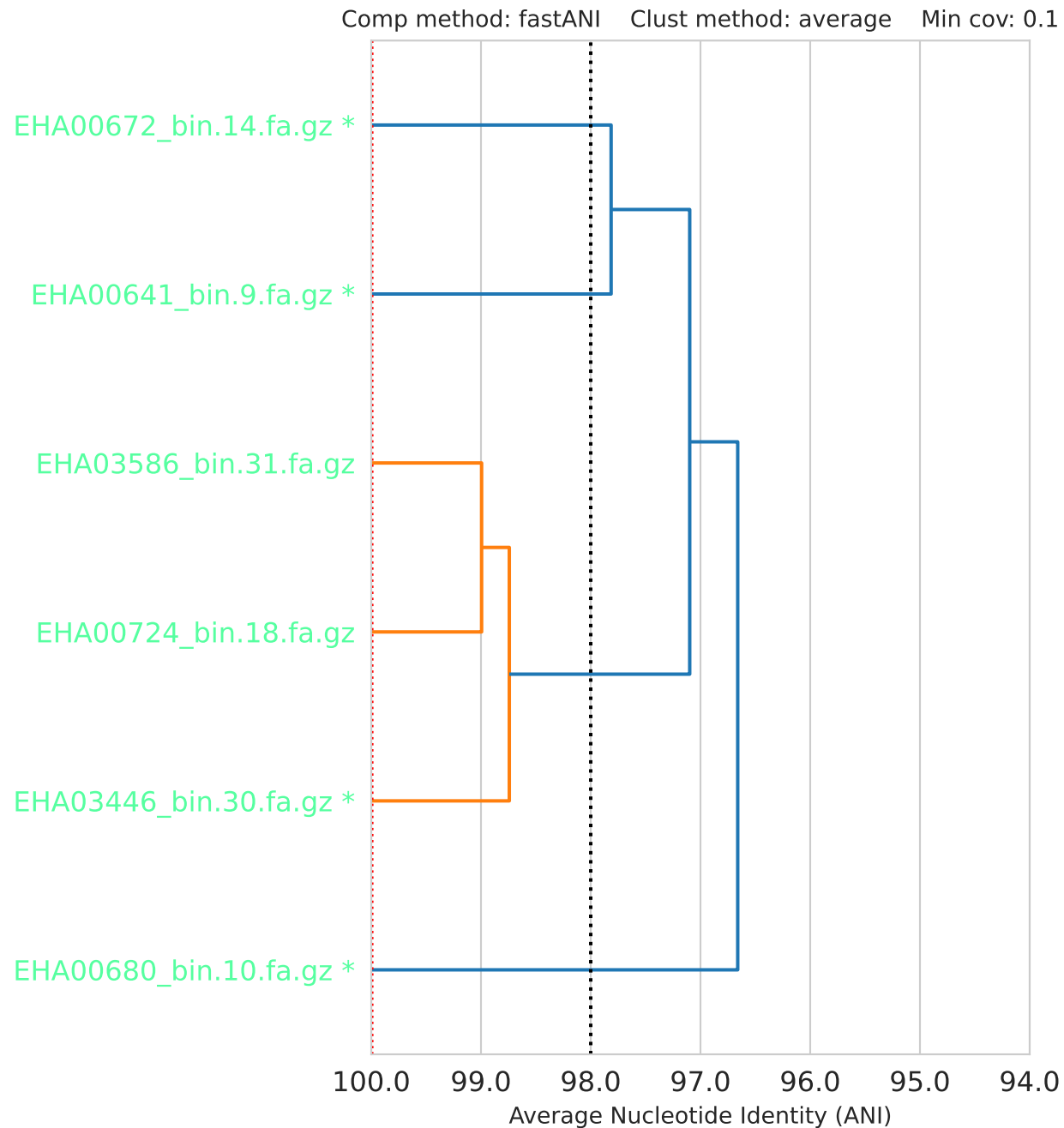
# Primary cluster 1018



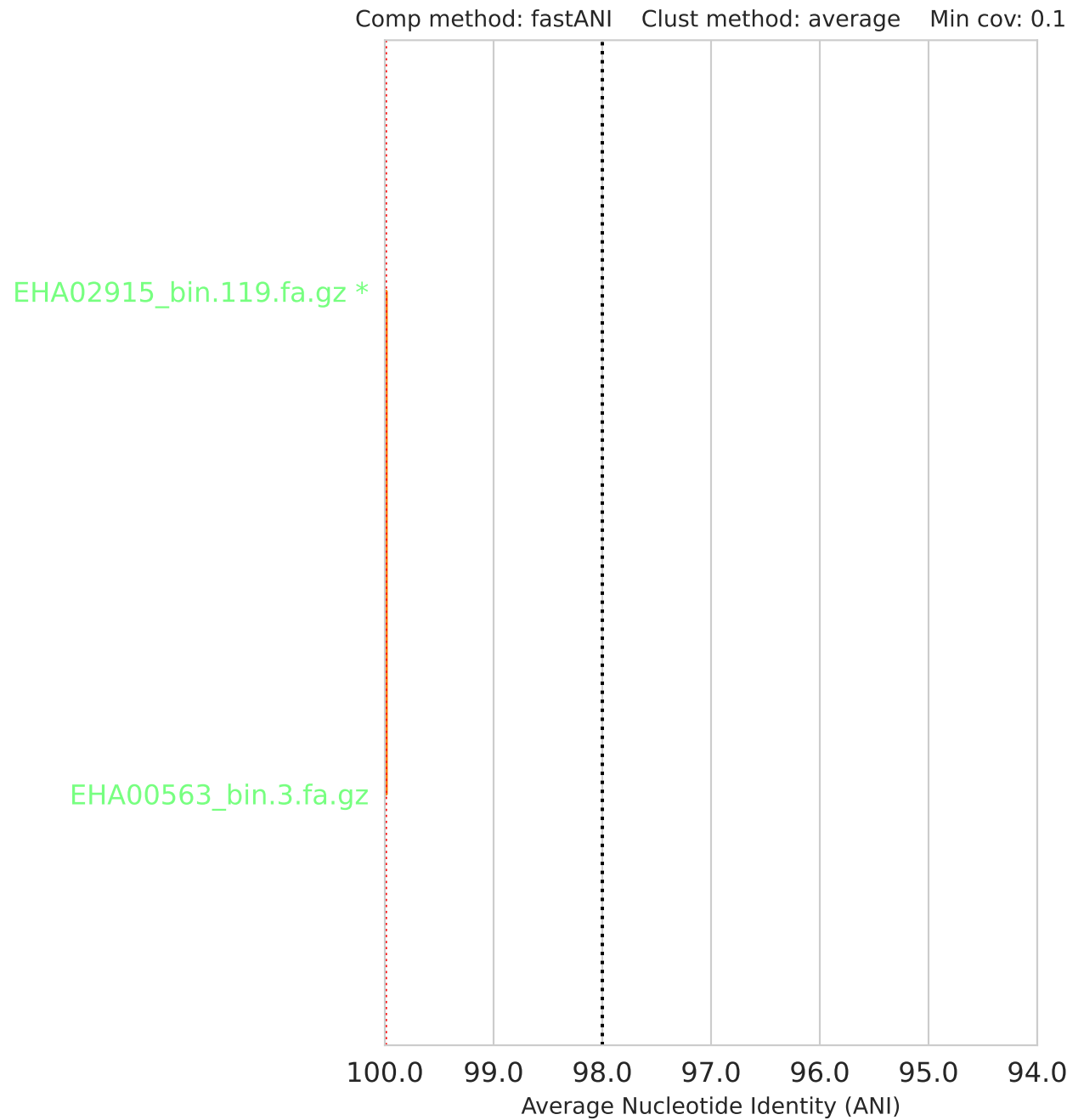
# Primary cluster 1020



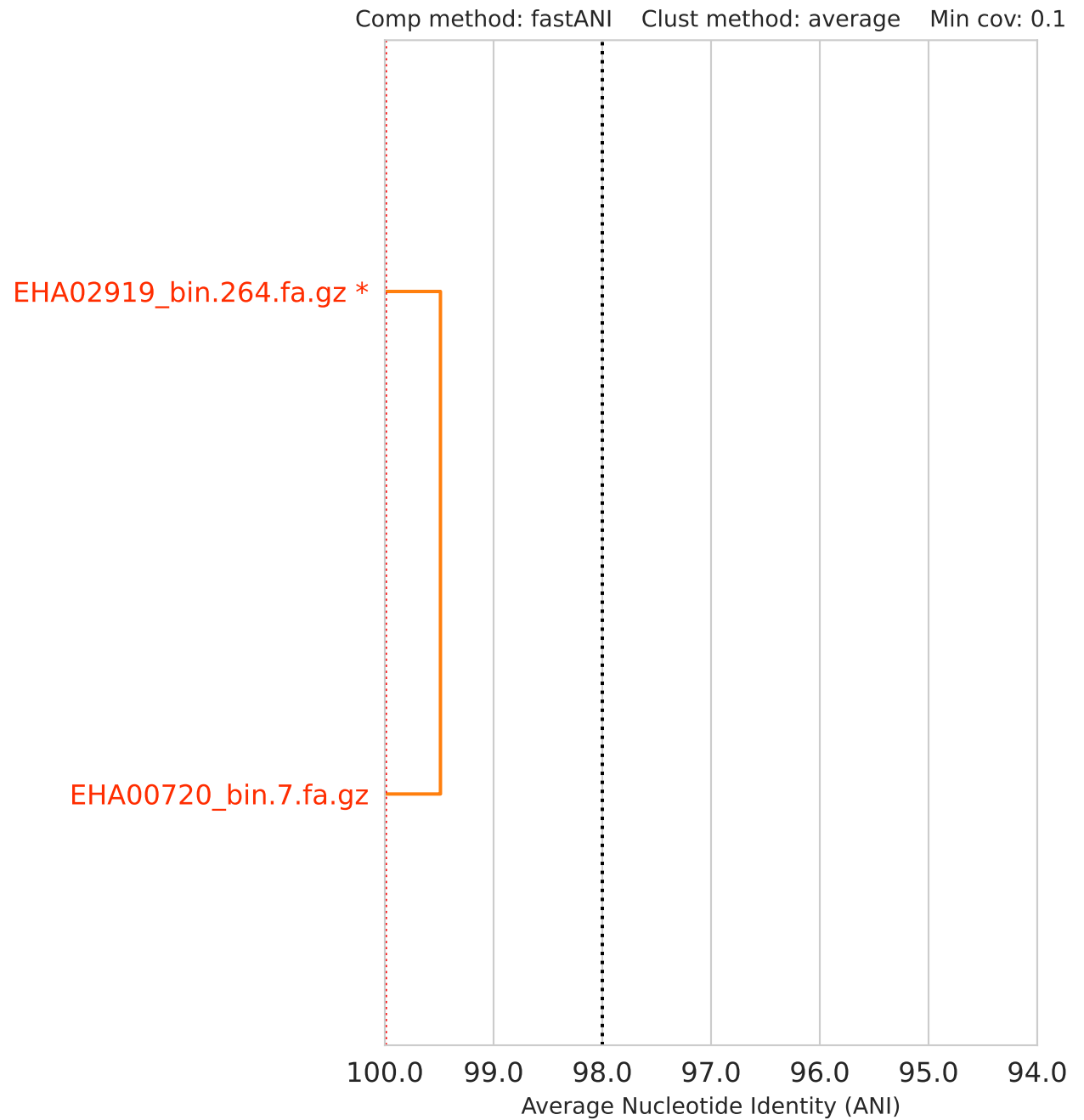
# Primary cluster 1024



# Primary cluster 1025

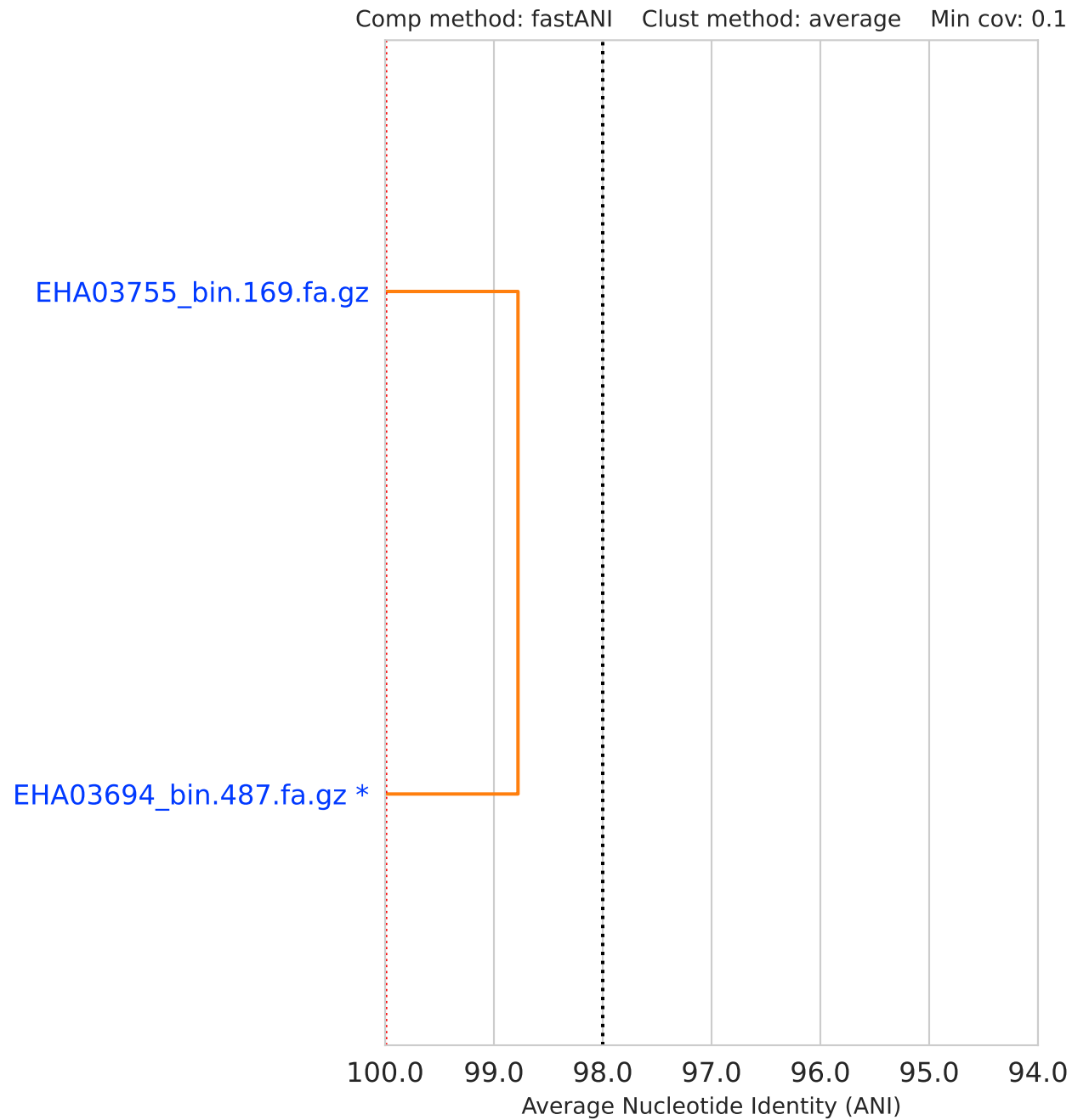


# Primary cluster 1026

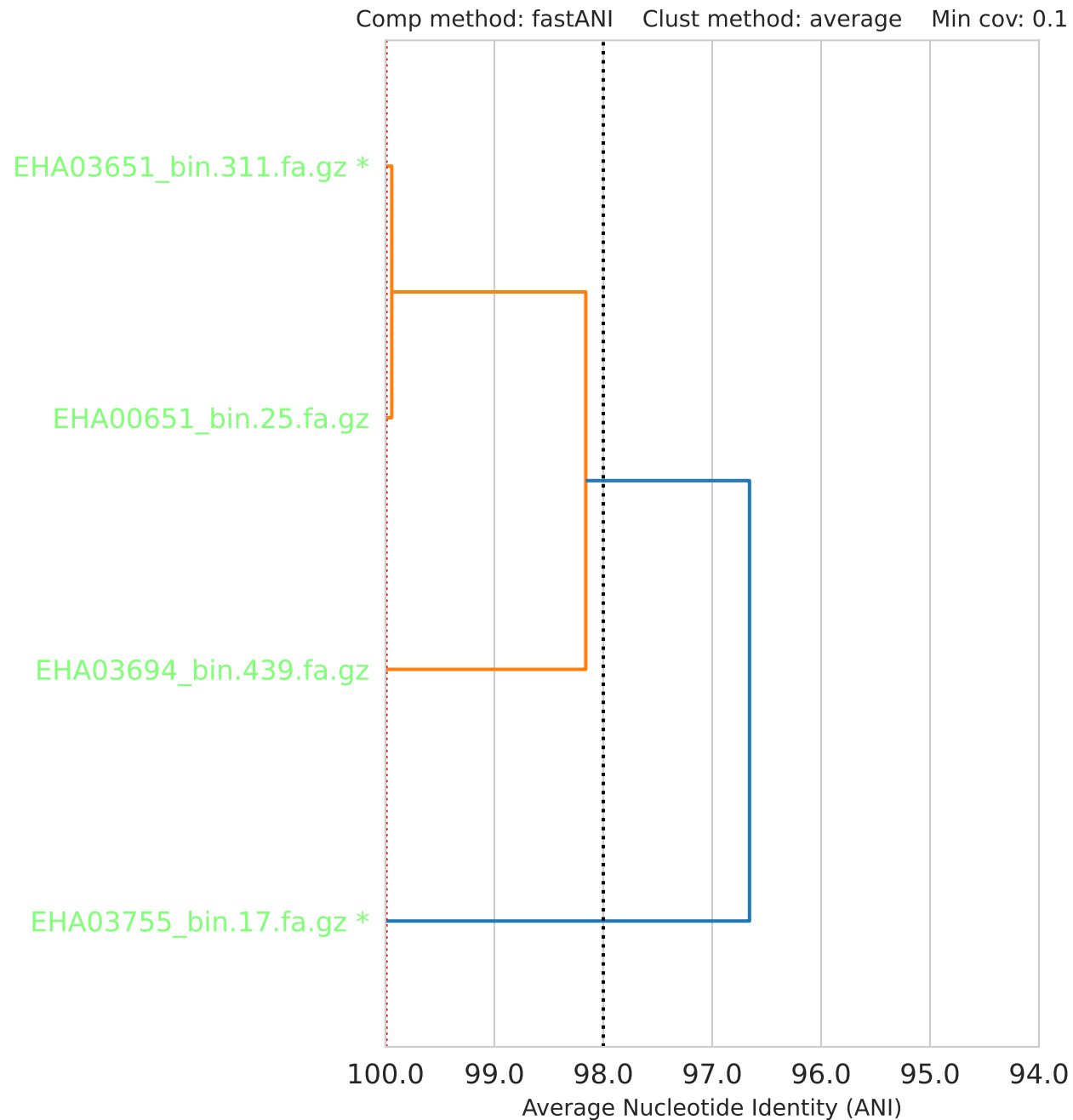




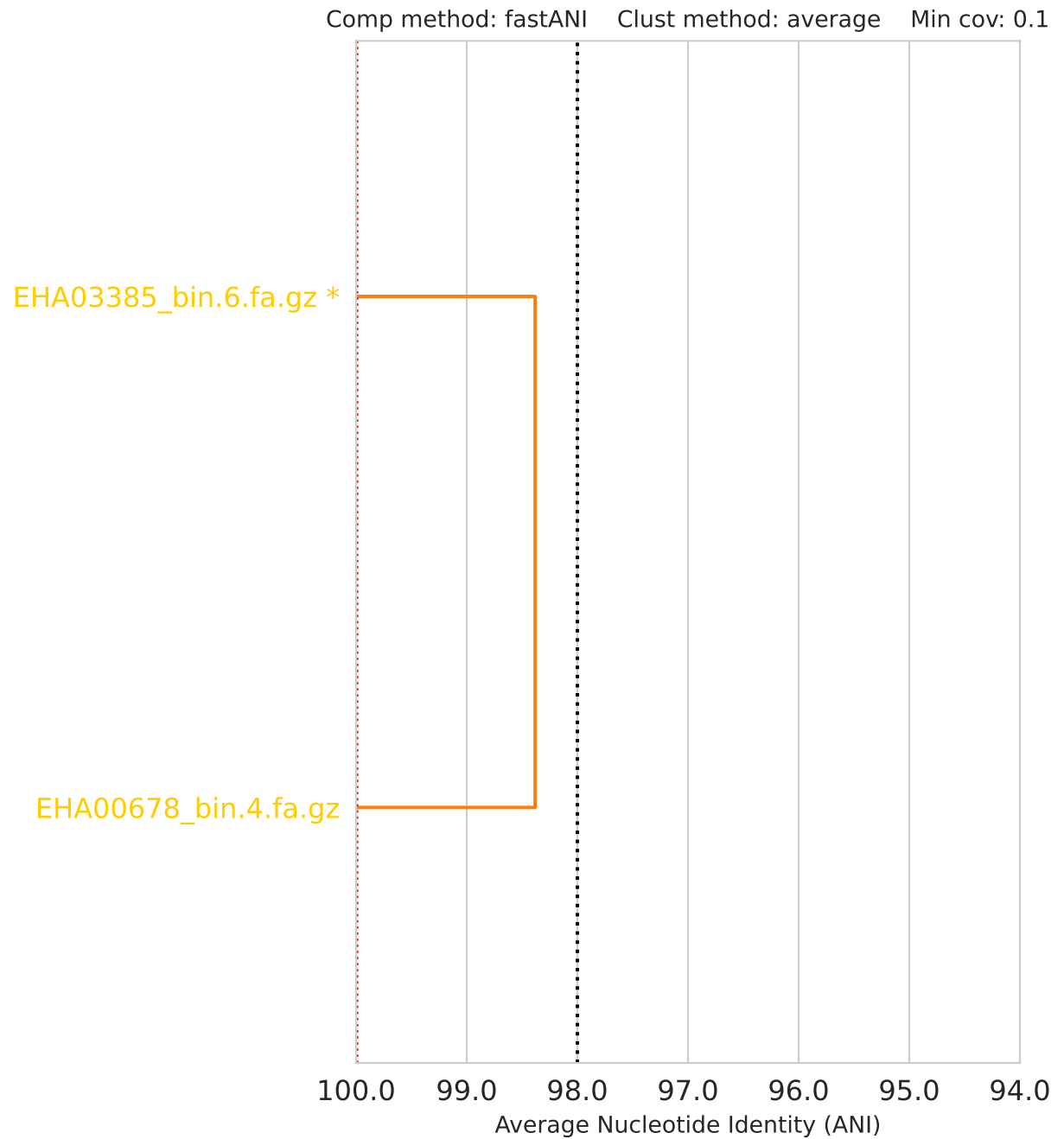
# Primary cluster 1027



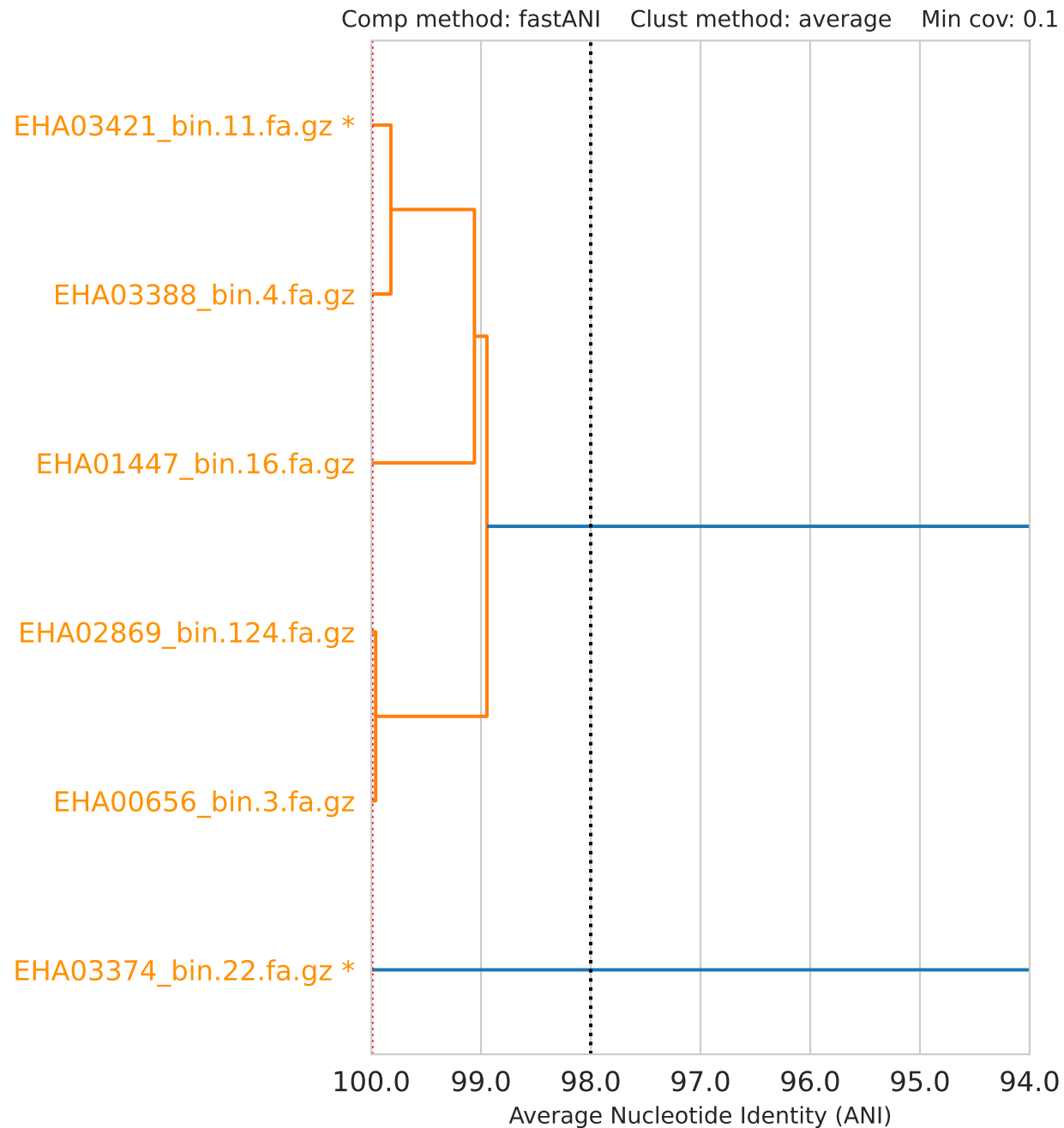
# Primary cluster 1028



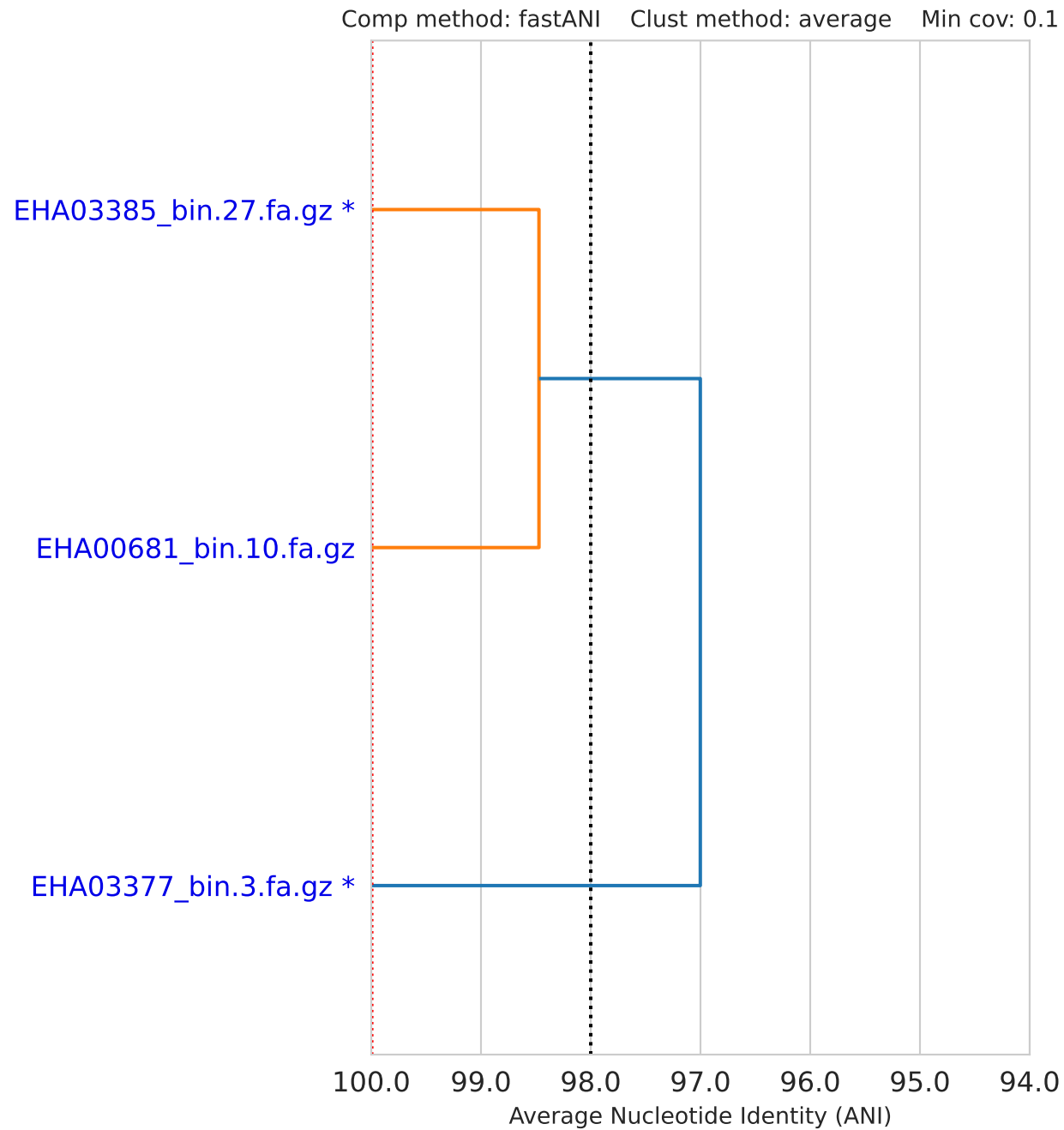
# Primary cluster 1030



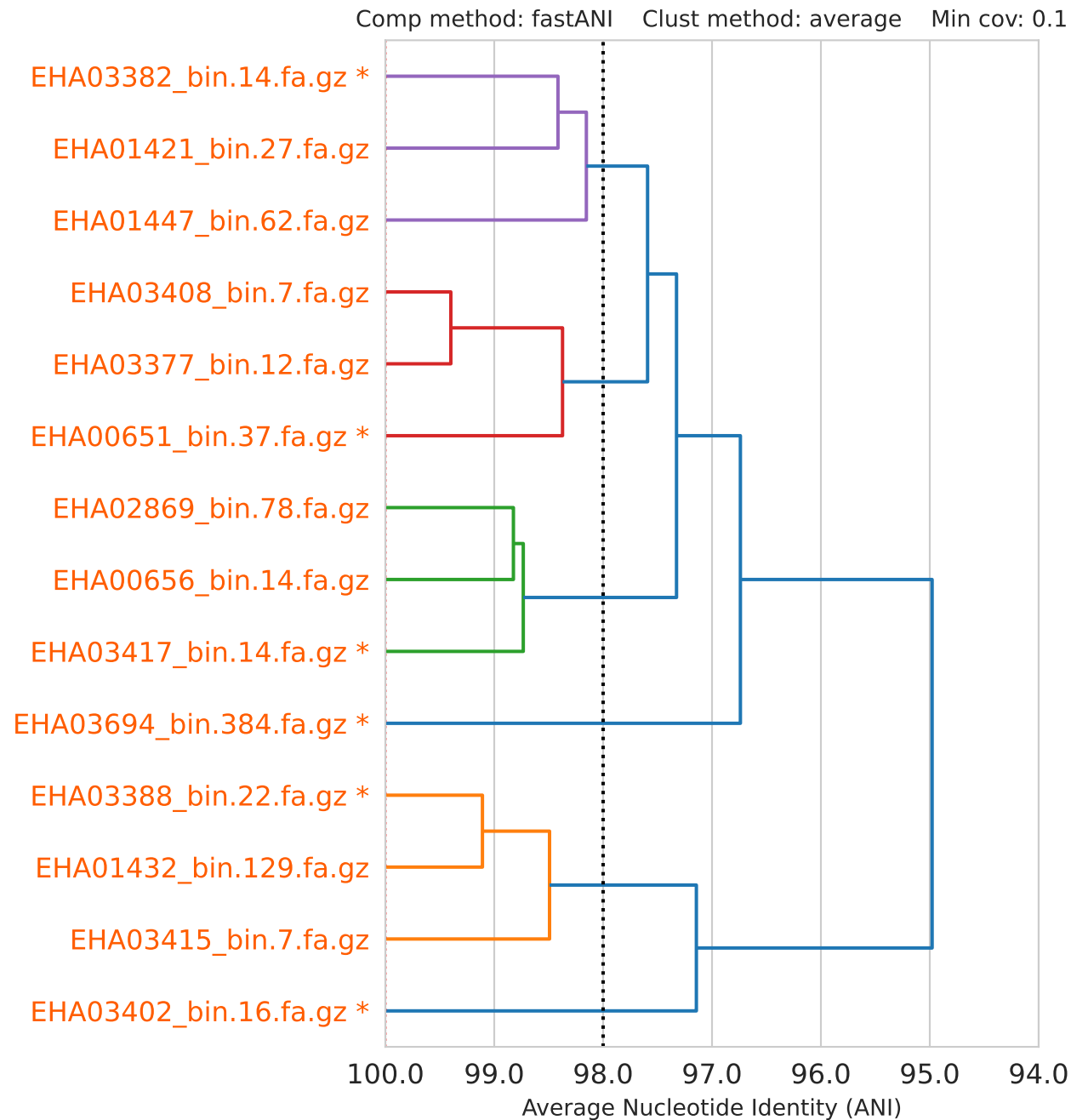
# Primary cluster 1031



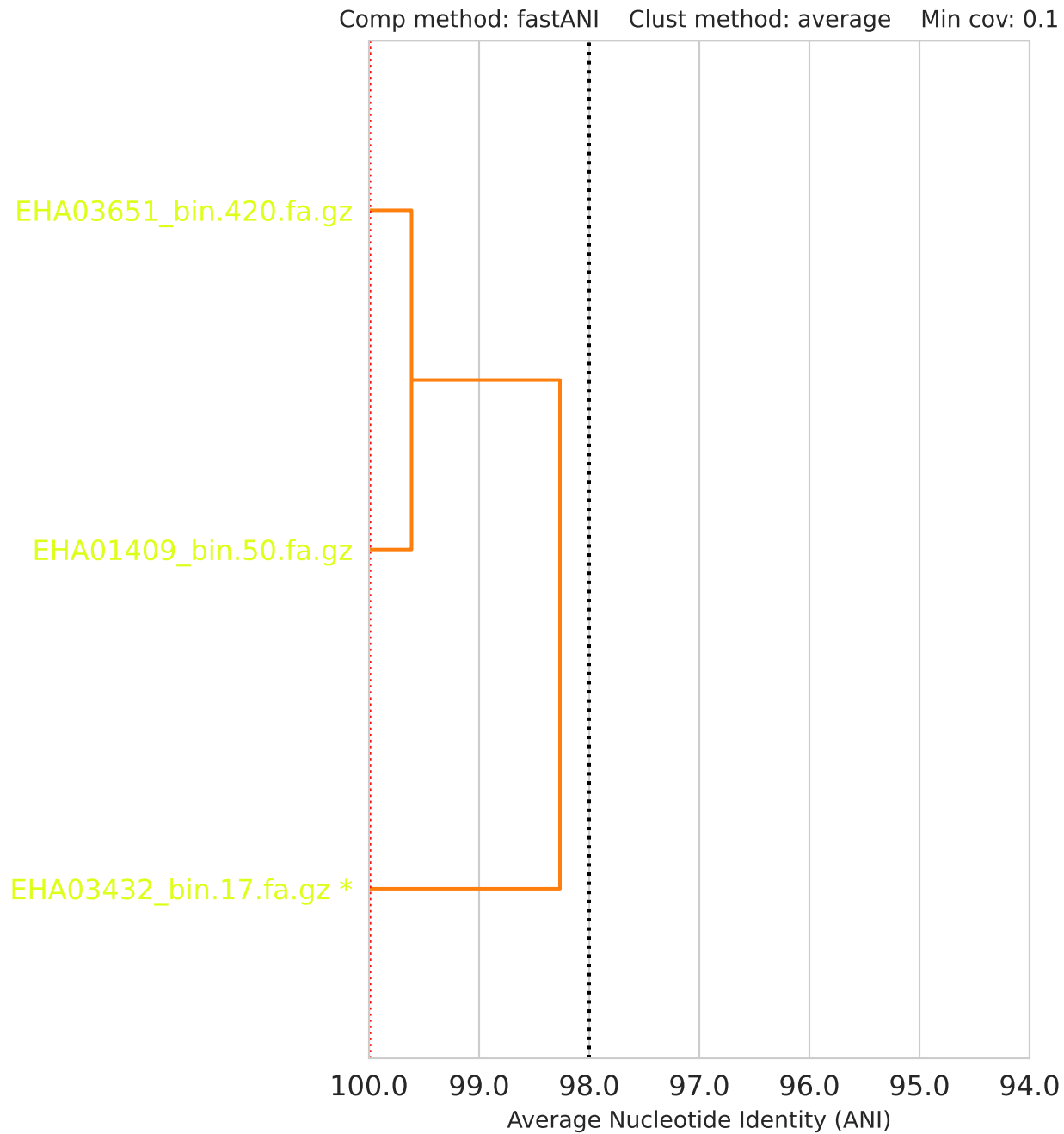
# Primary cluster 1032



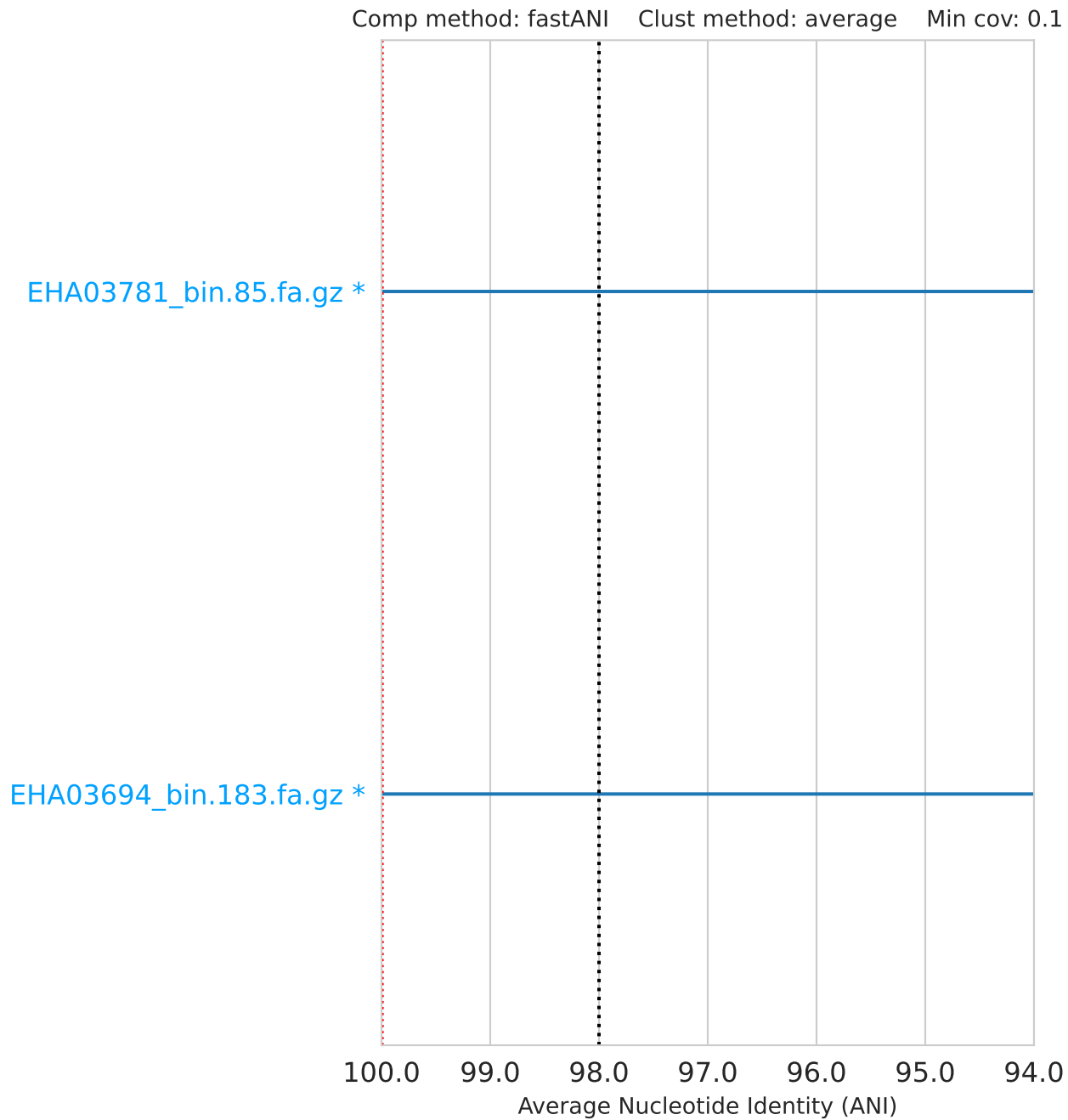
# Primary cluster 1033



# Primary cluster 1034

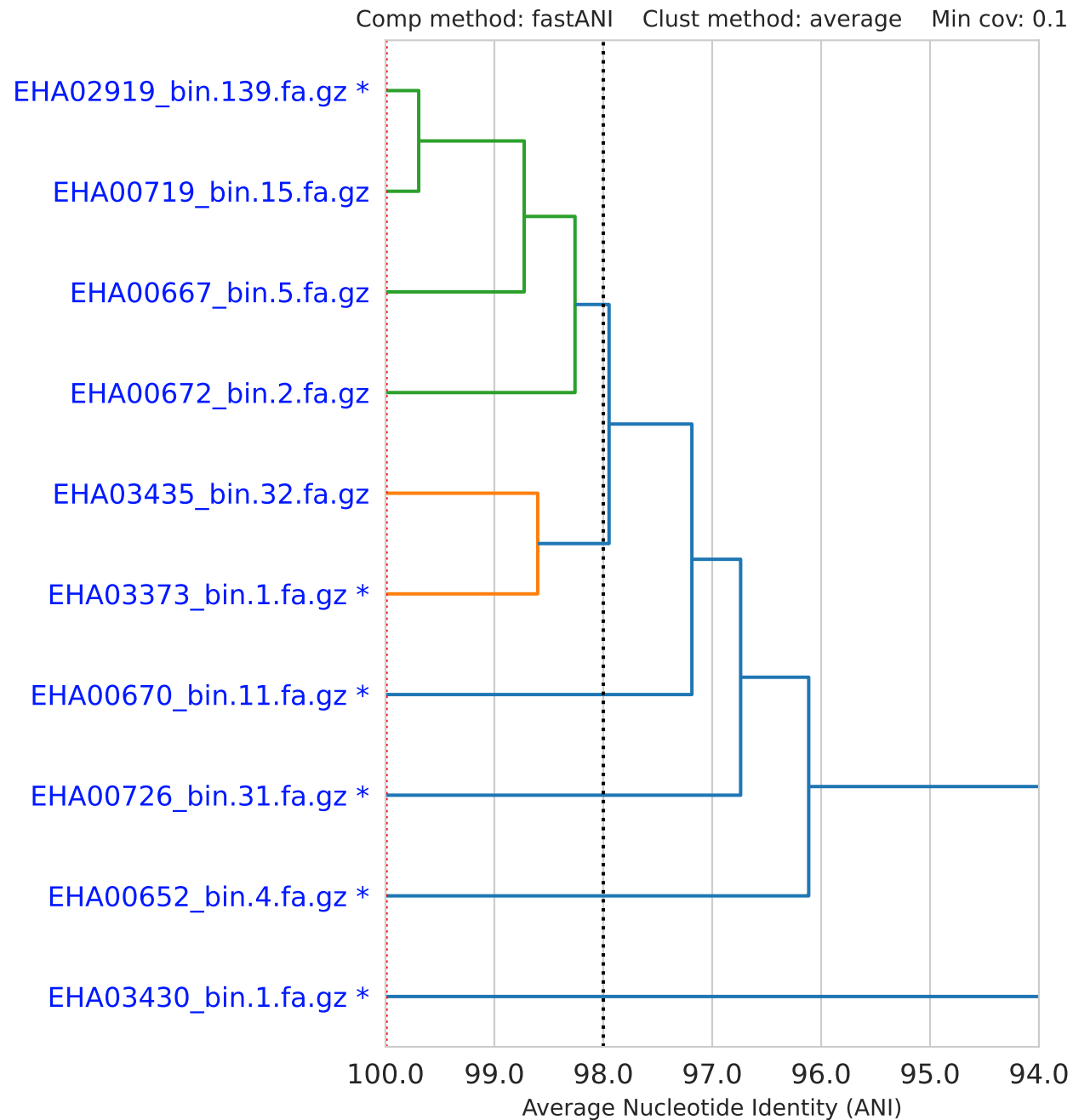


# Primary cluster 1035

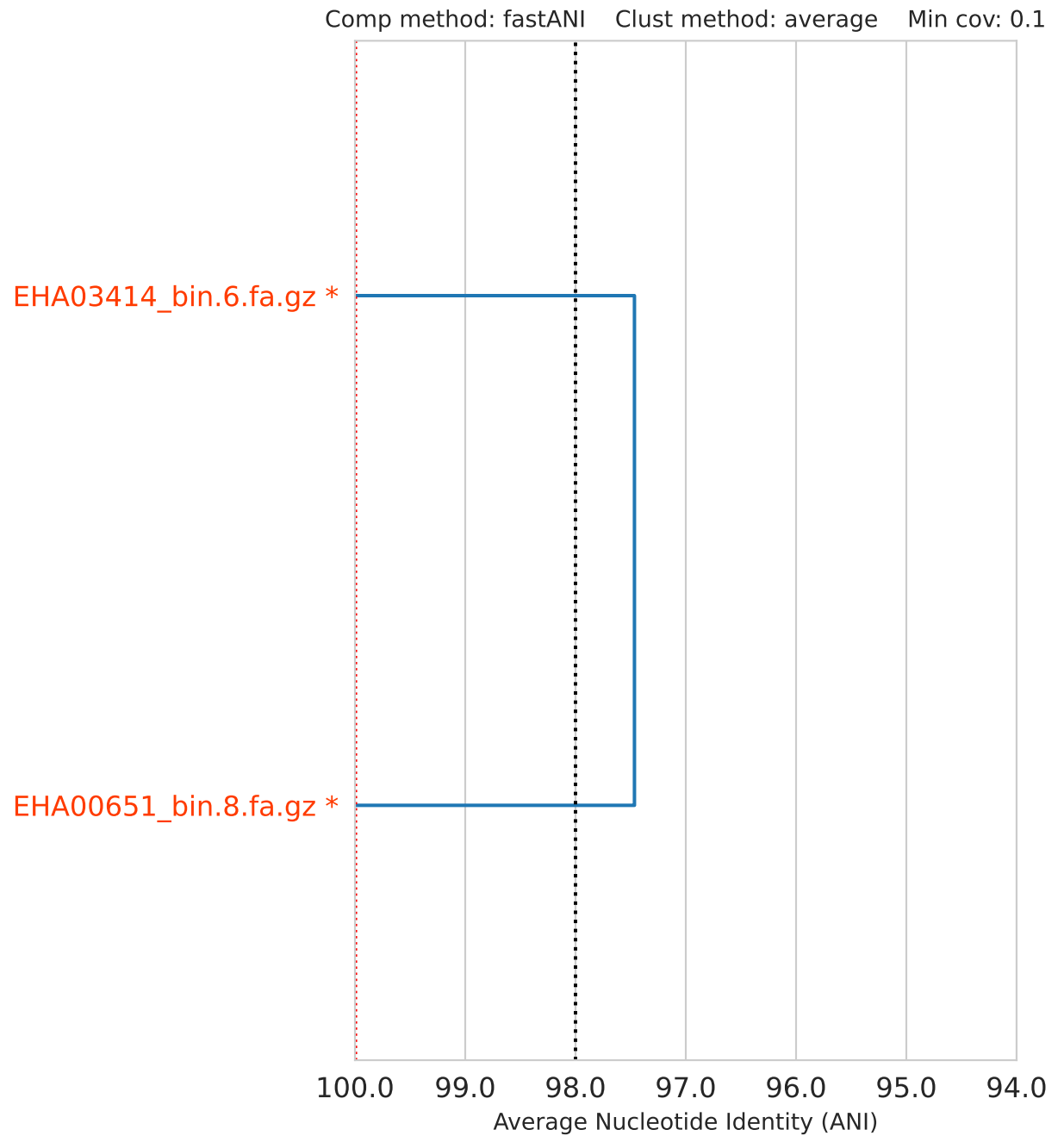




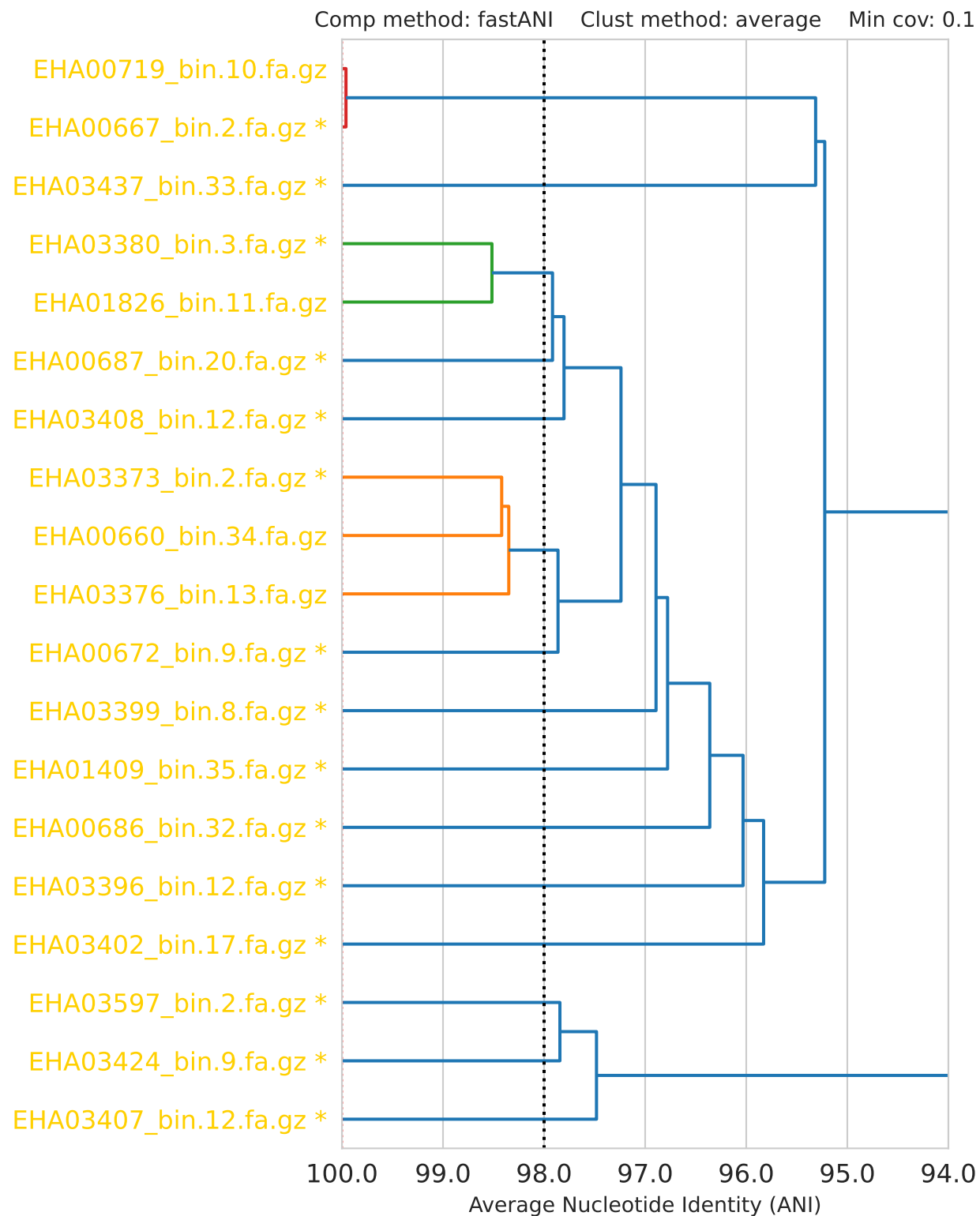
# Primary cluster 1036



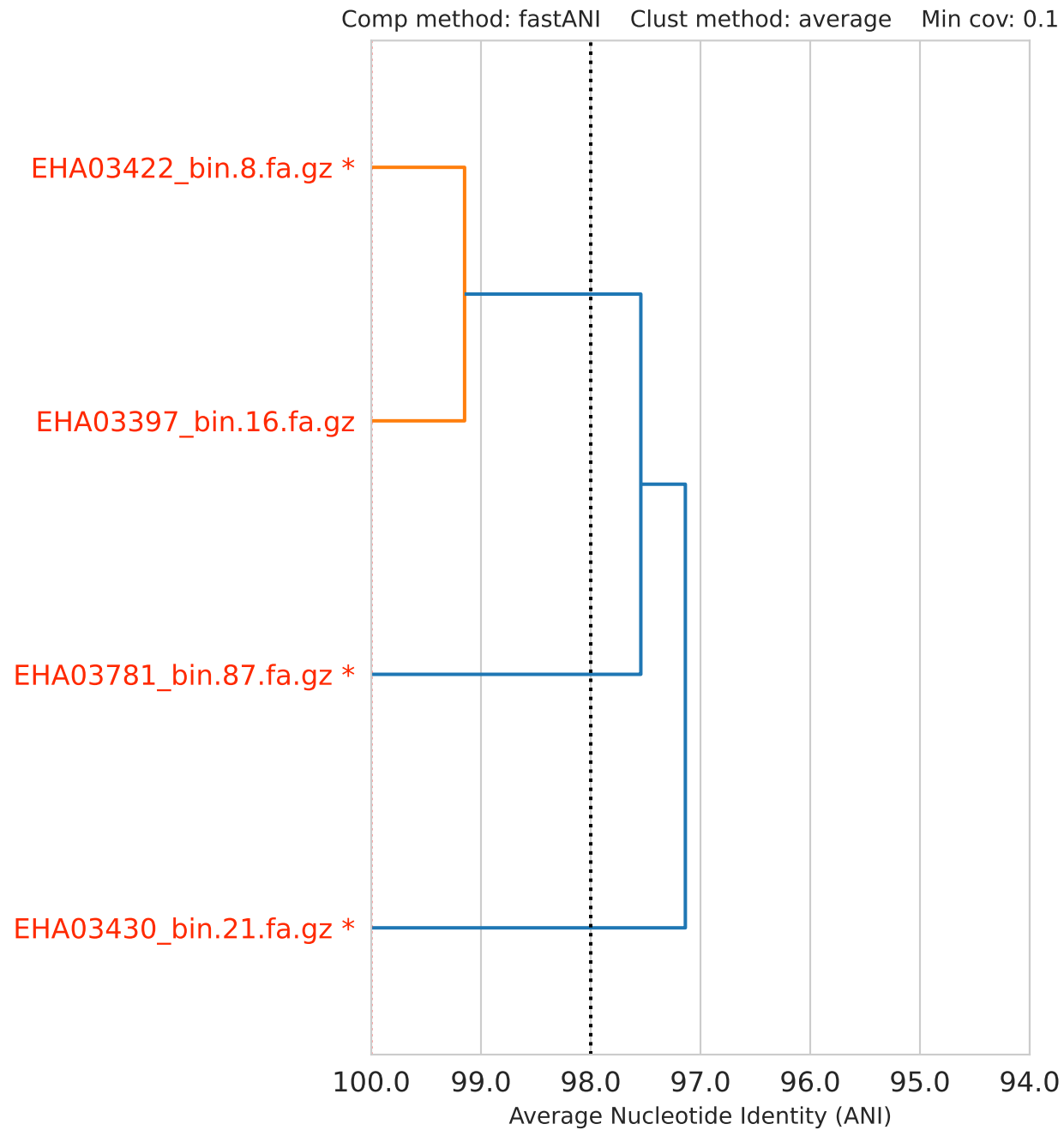
# Primary cluster 1039



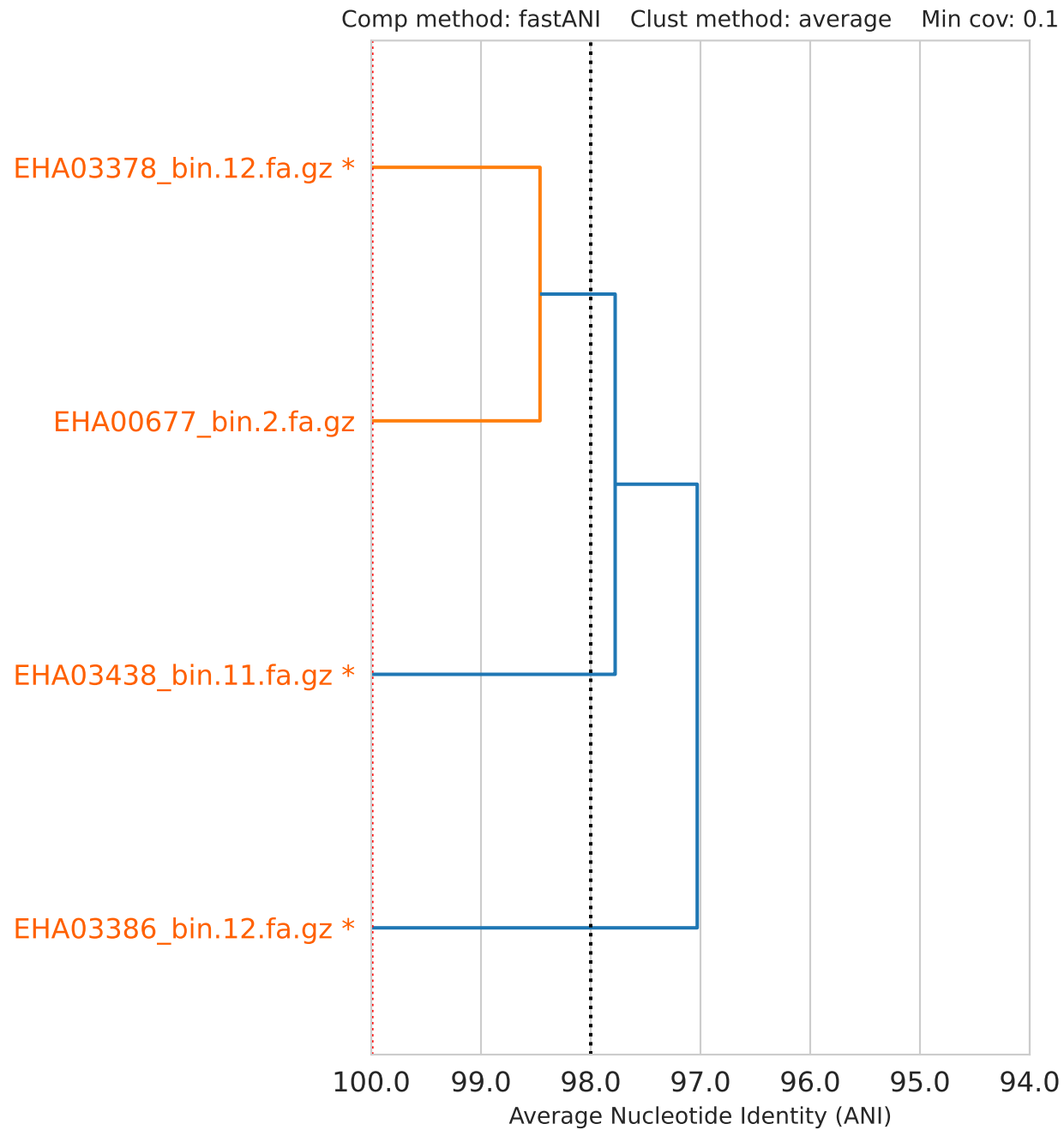
# Primary cluster 1040



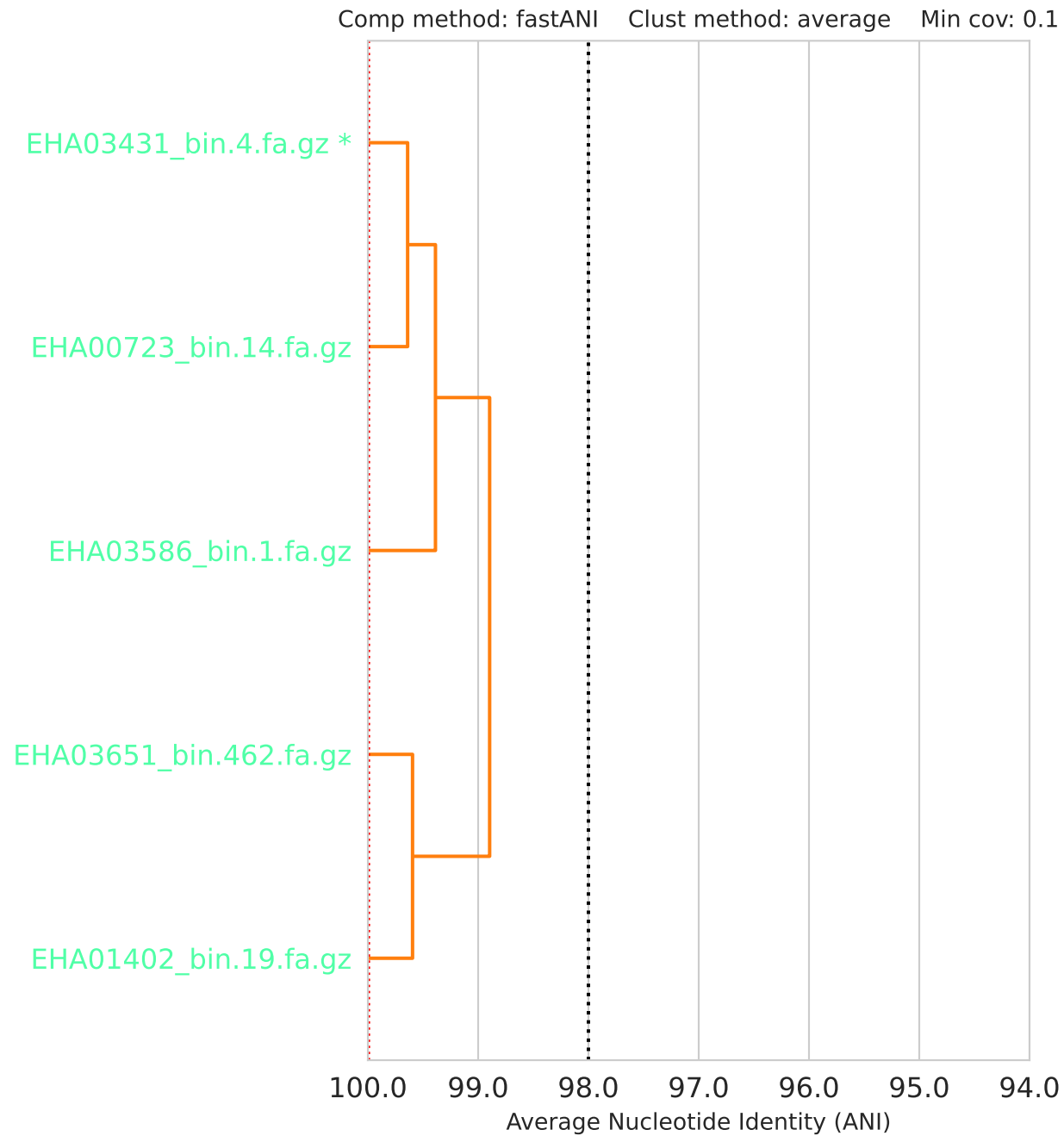
# Primary cluster 1041



# Primary cluster 1042



# Primary cluster 1044



# Primary cluster 1045

Comp method: fastANI

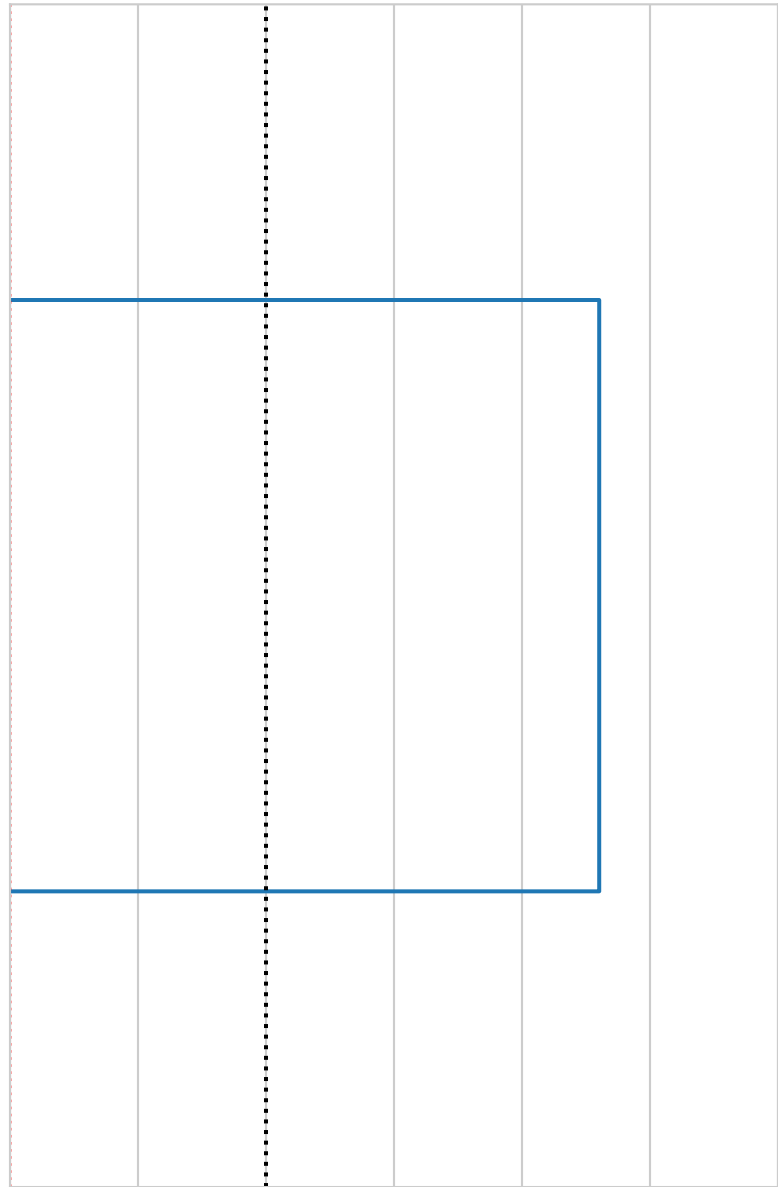
Clust method: average

Min cov: 0.1

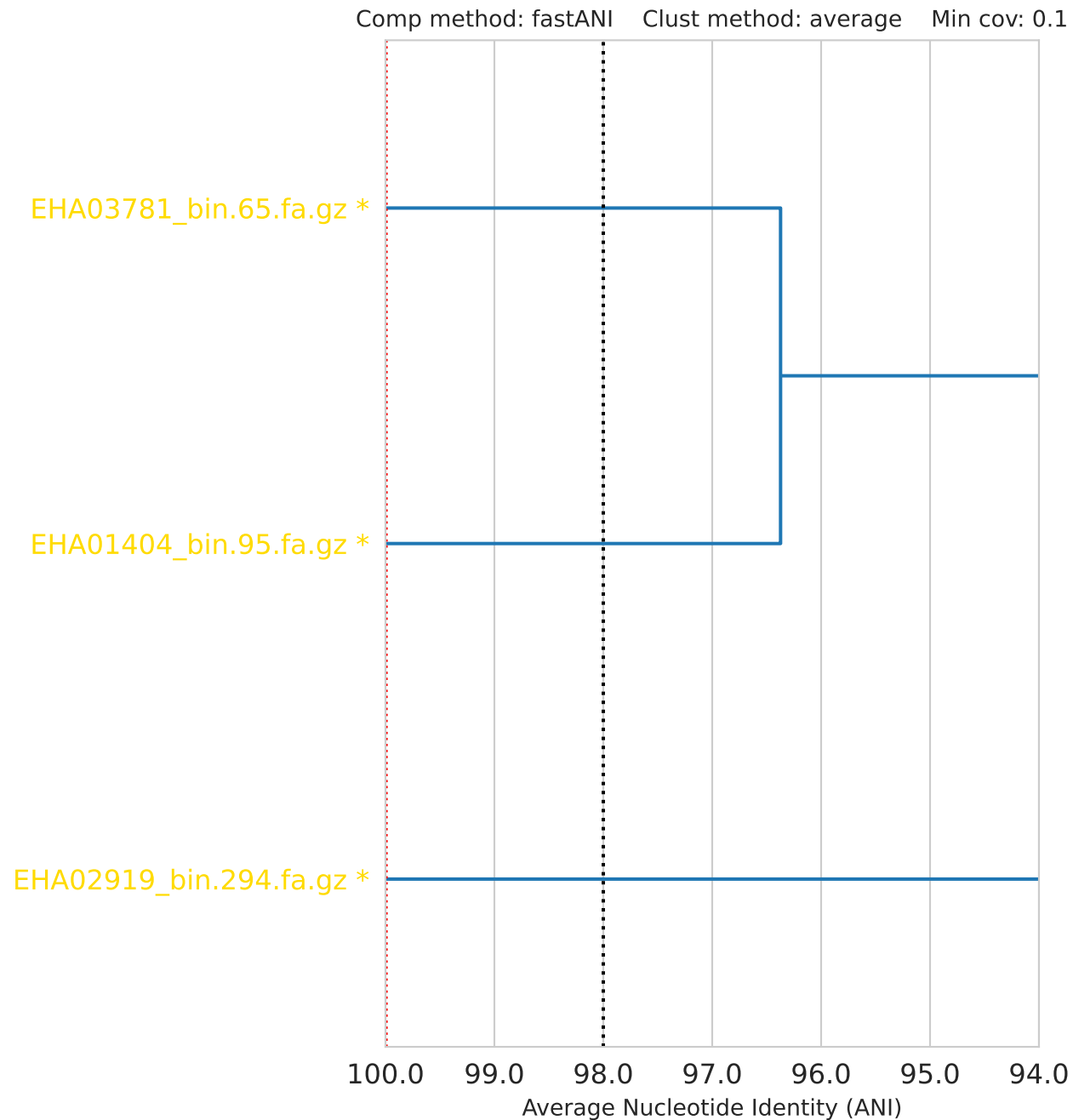
EHA03446\_bin.20.fa.gz \*

EHA01409\_bin.15.fa.gz \*

100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)

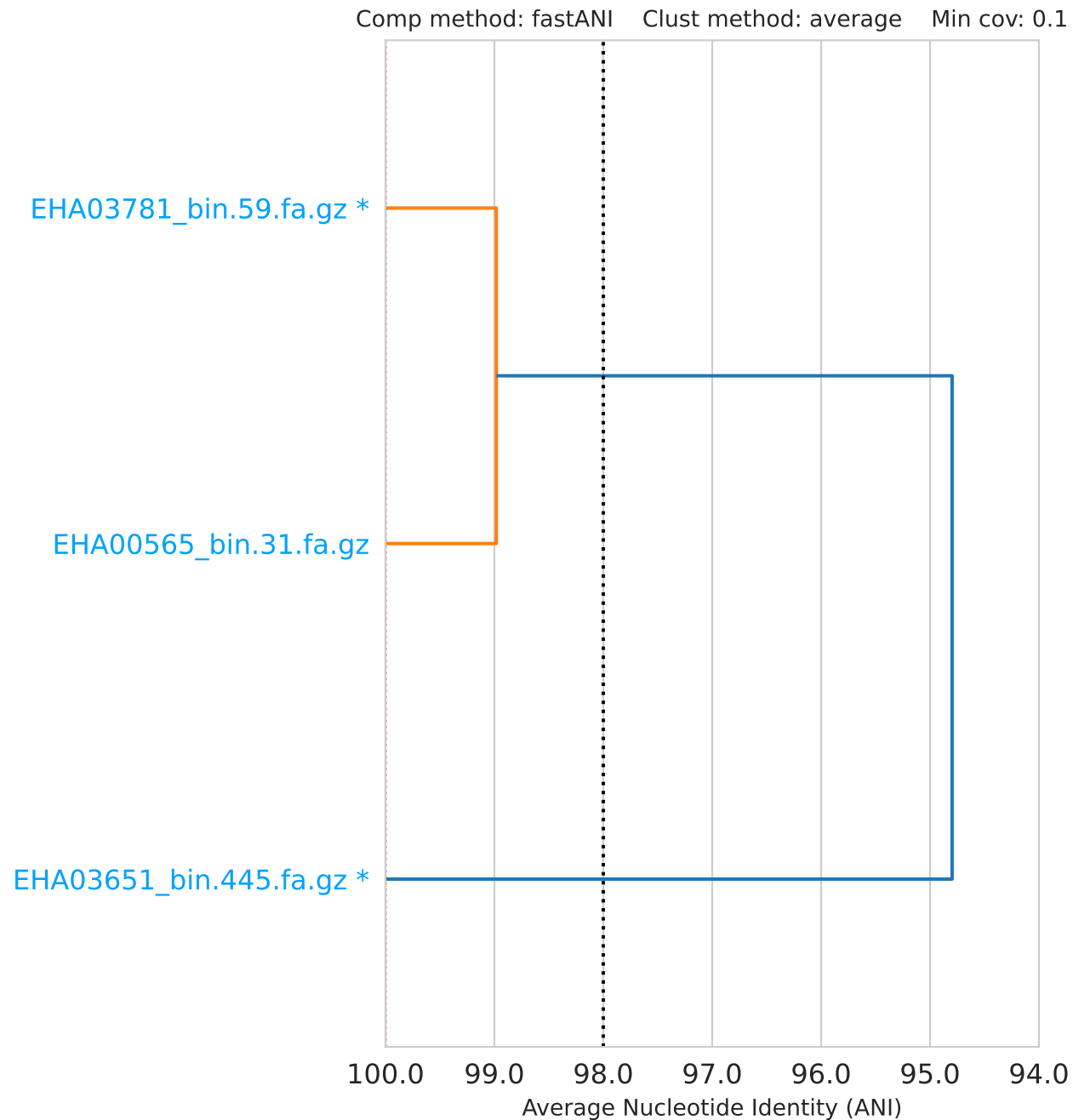


# Primary cluster 1046

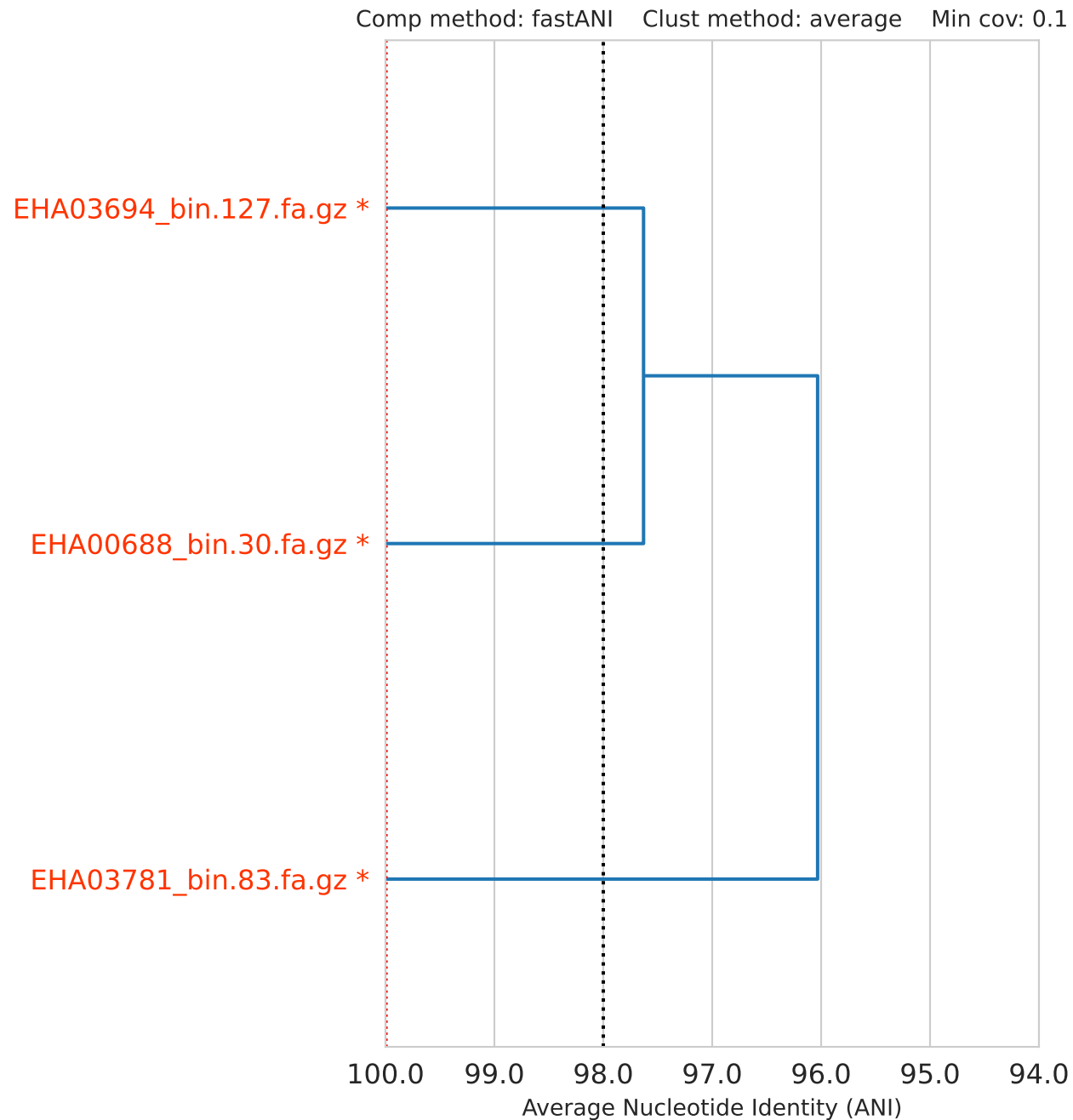




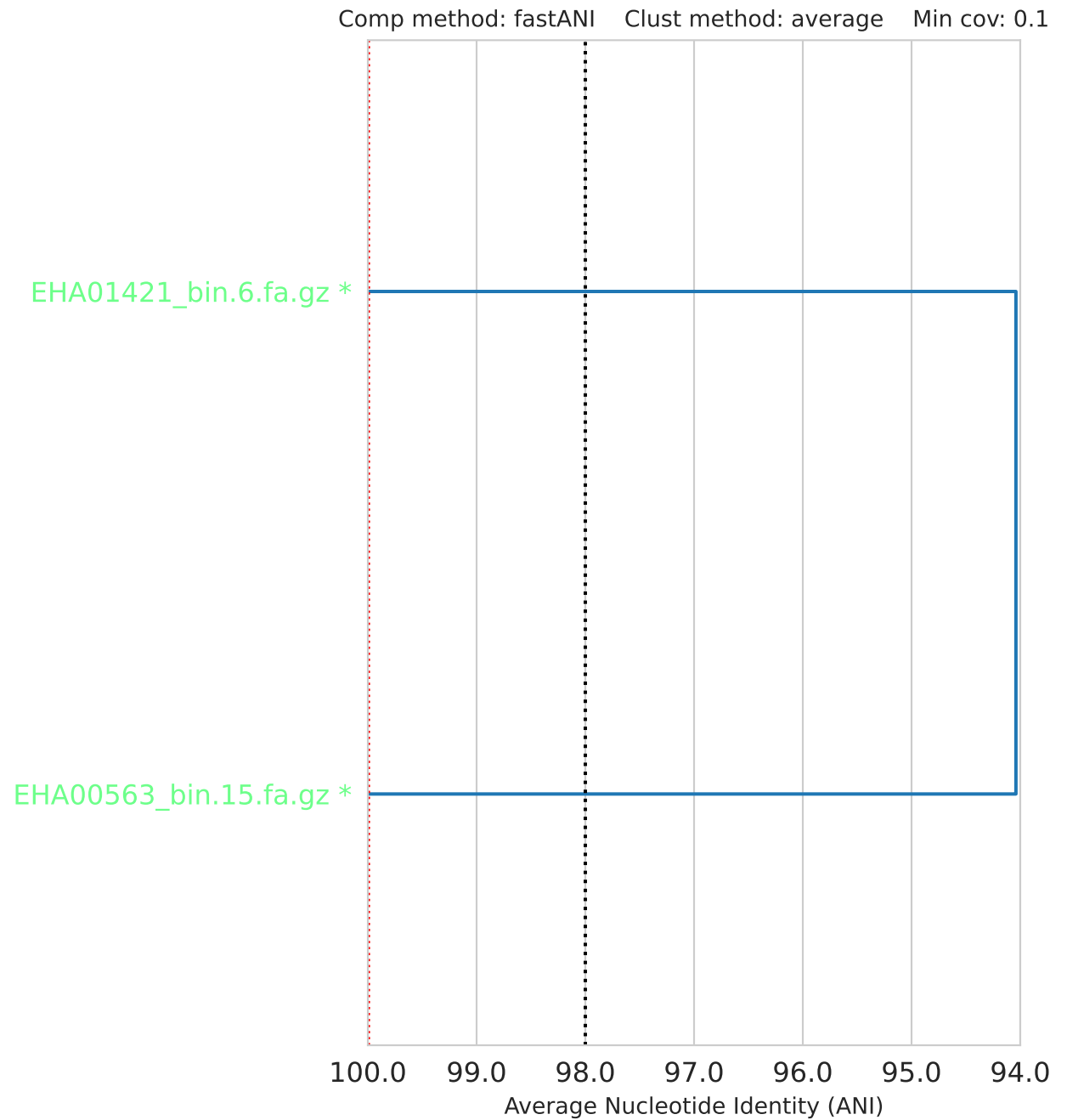
# Primary cluster 1047



# Primary cluster 1048



# Primary cluster 1049



# Primary cluster 1054

Comp method: fastANI

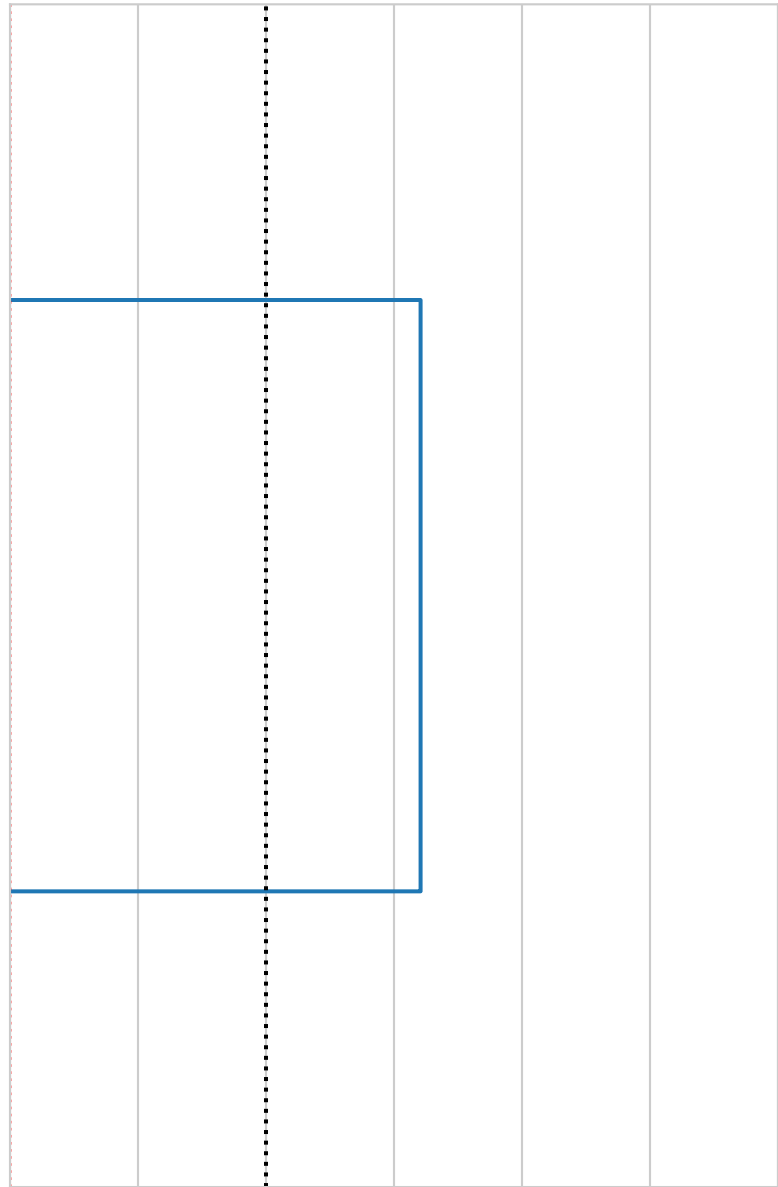
Clust method: average

Min cov: 0.1

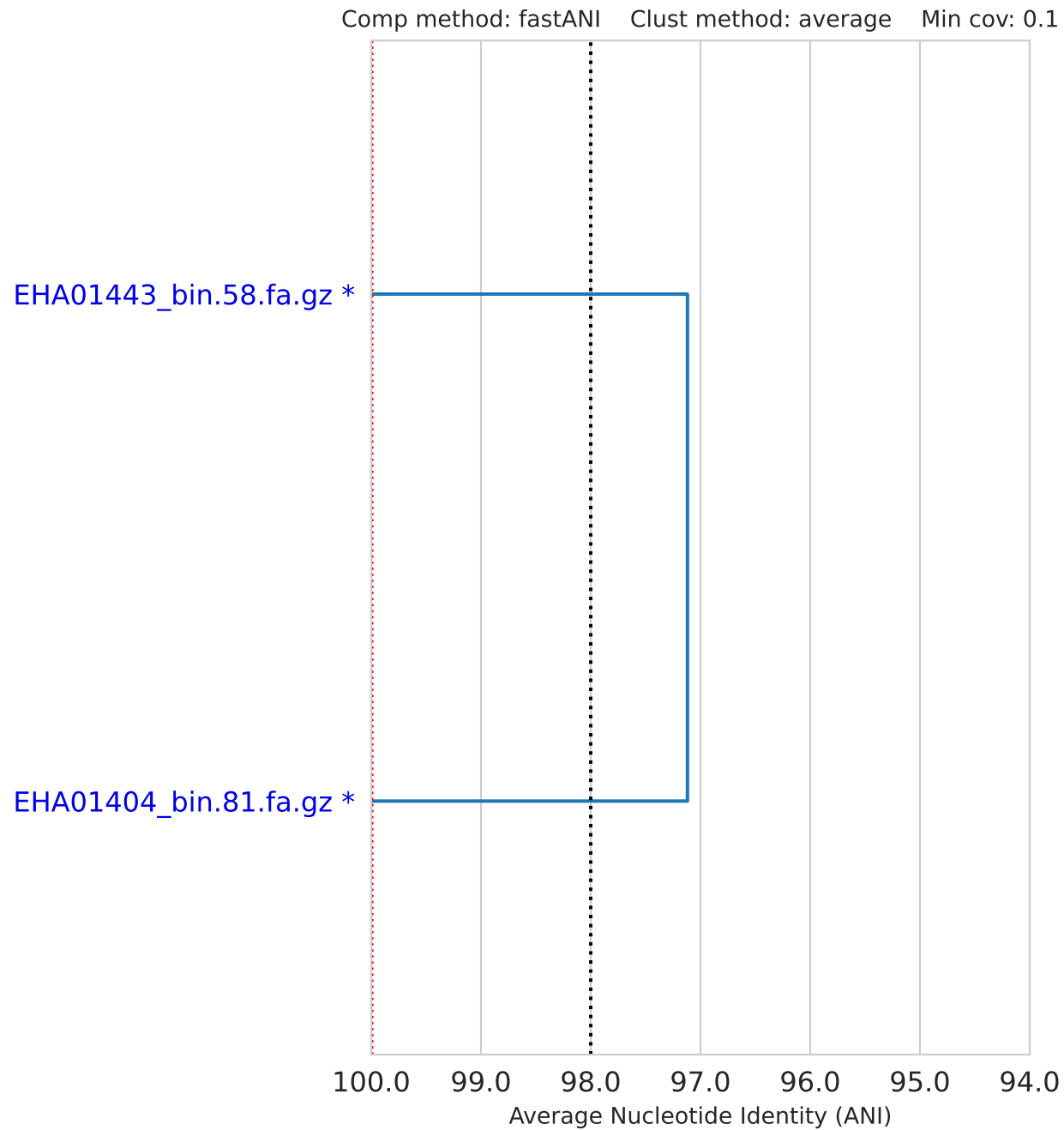
EHA03434\_bin.38.fa.gz \*

EHA03431\_bin.35.fa.gz \*

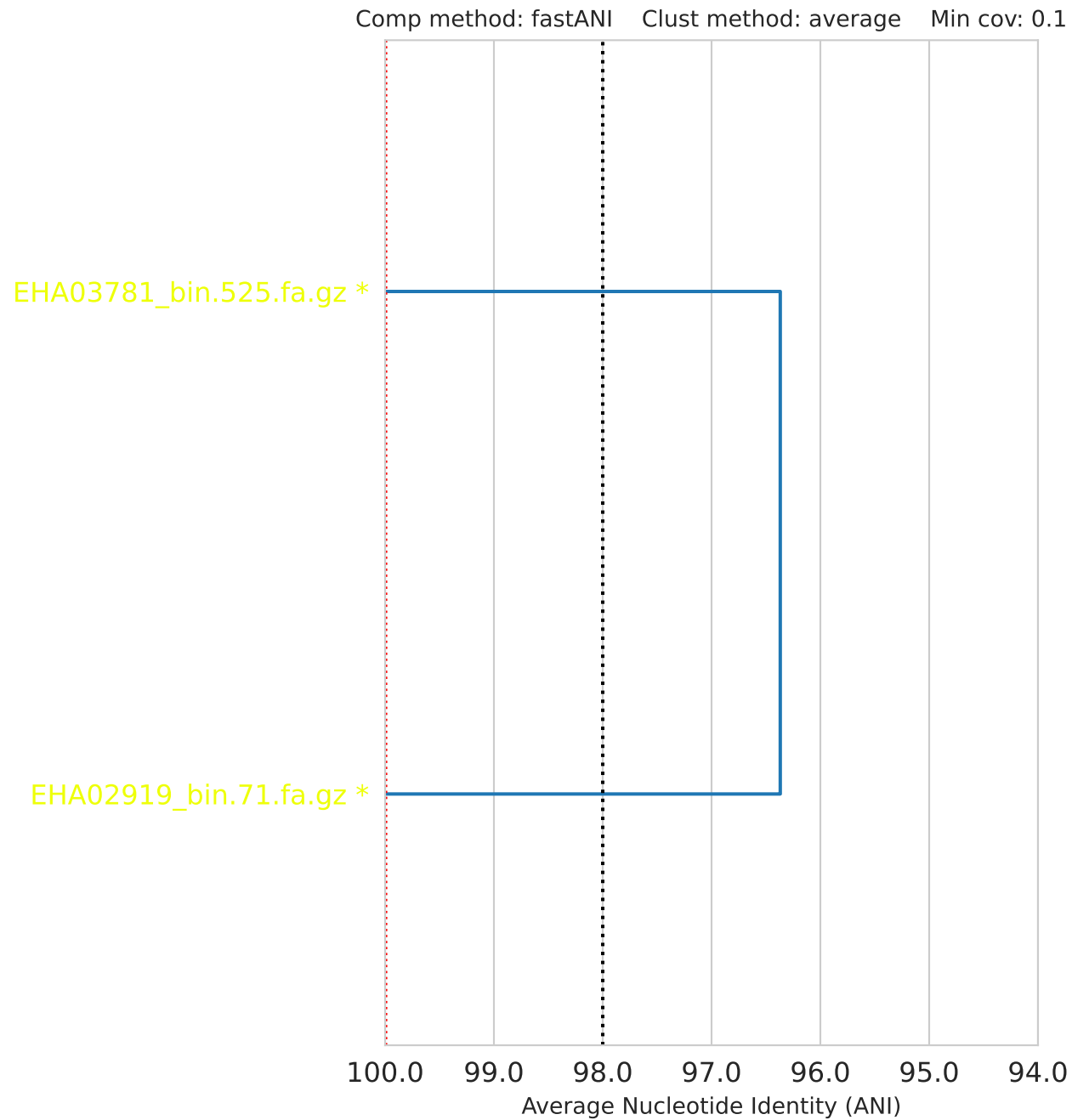
100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



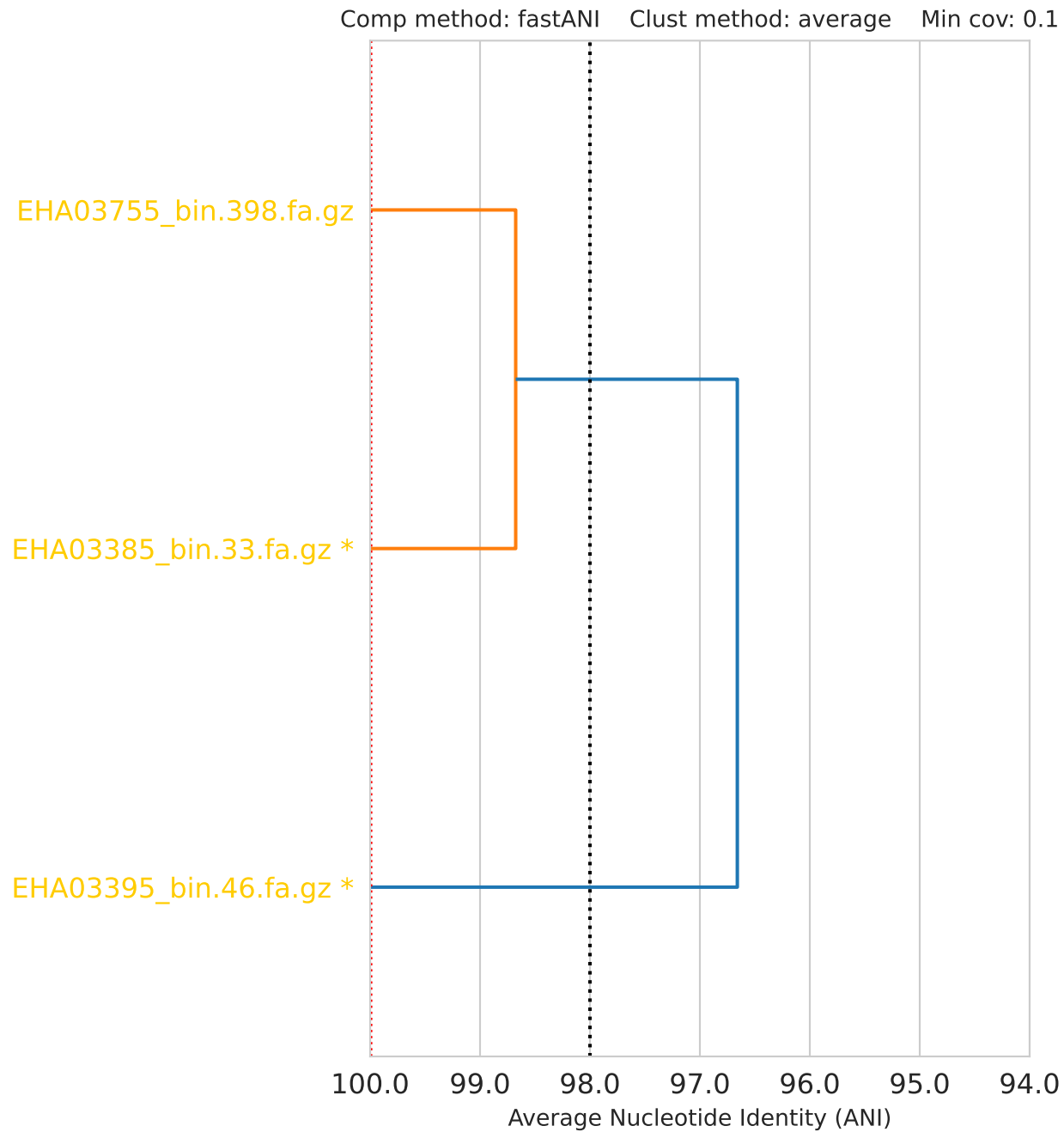
# Primary cluster 1055



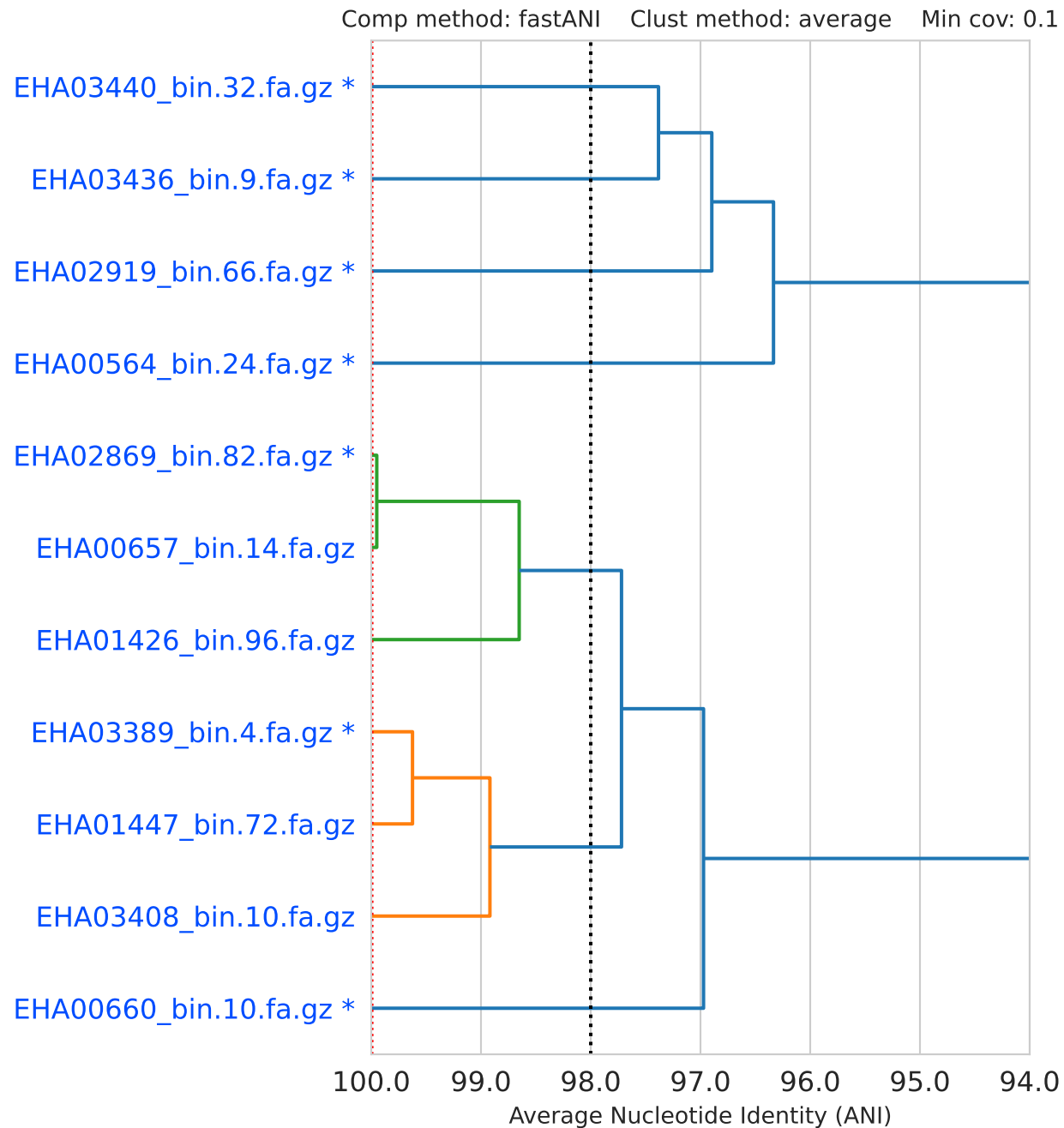
# Primary cluster 1056



# Primary cluster 1059

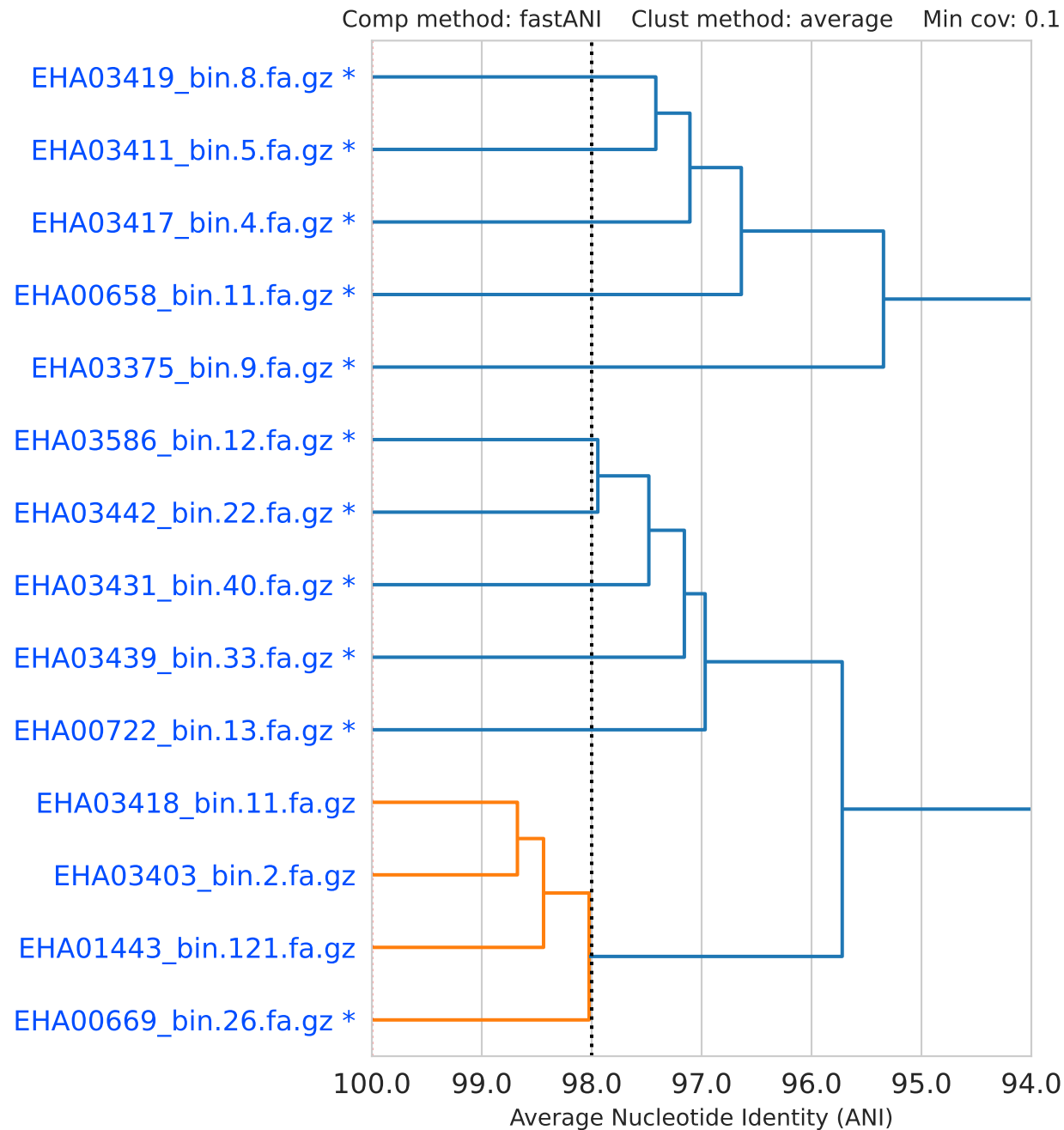


# Primary cluster 1060

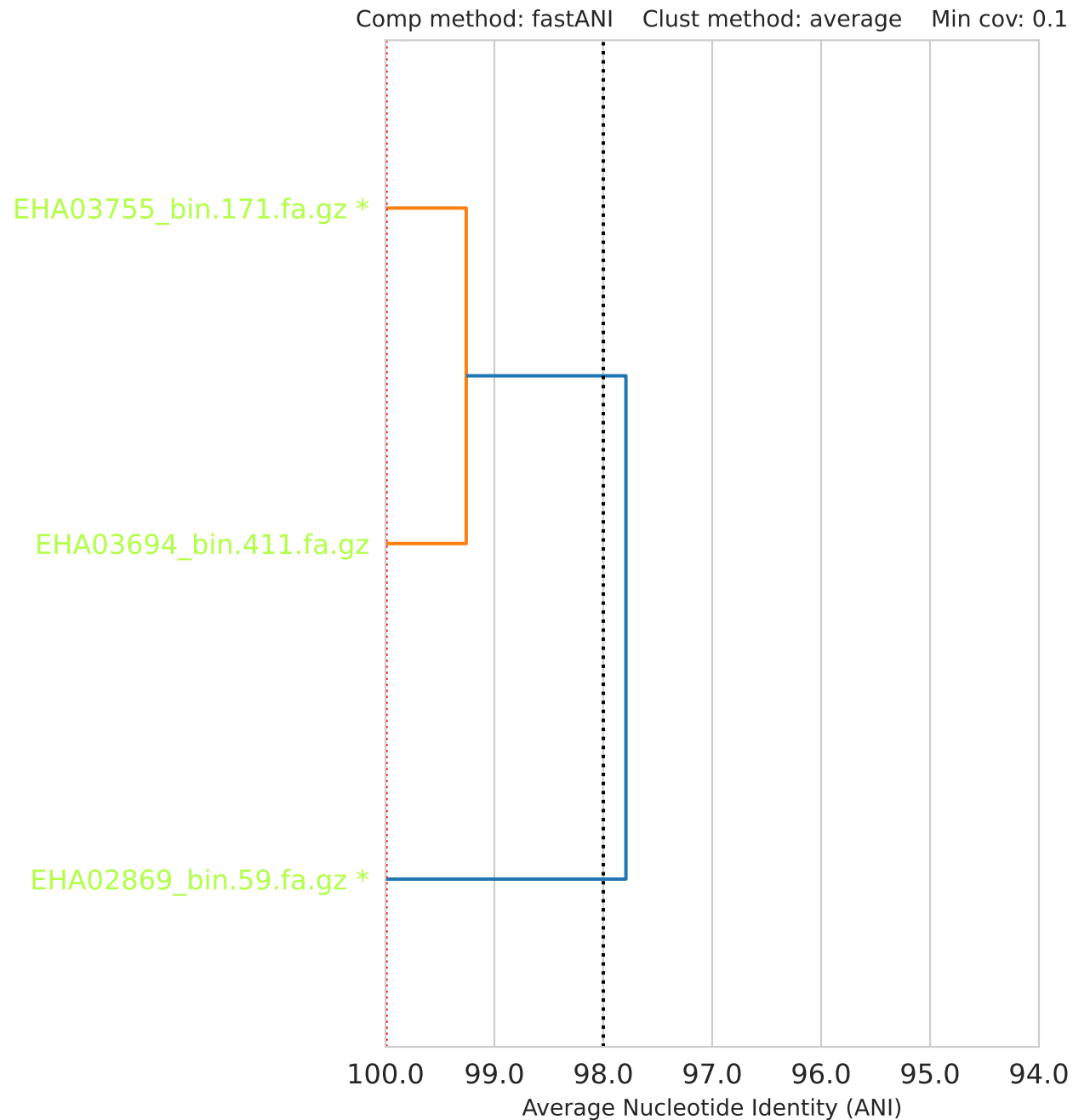




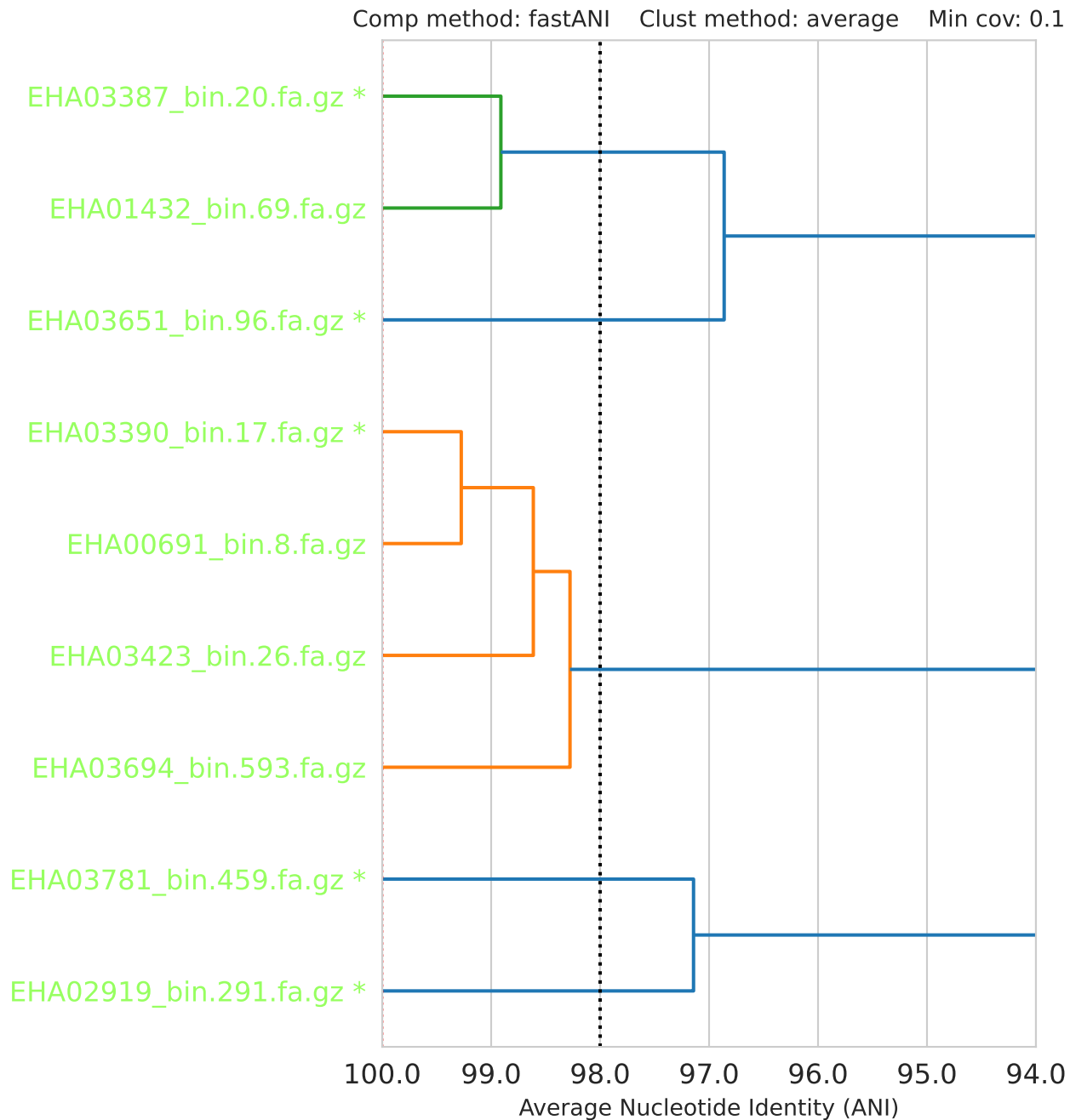
# Primary cluster 1061



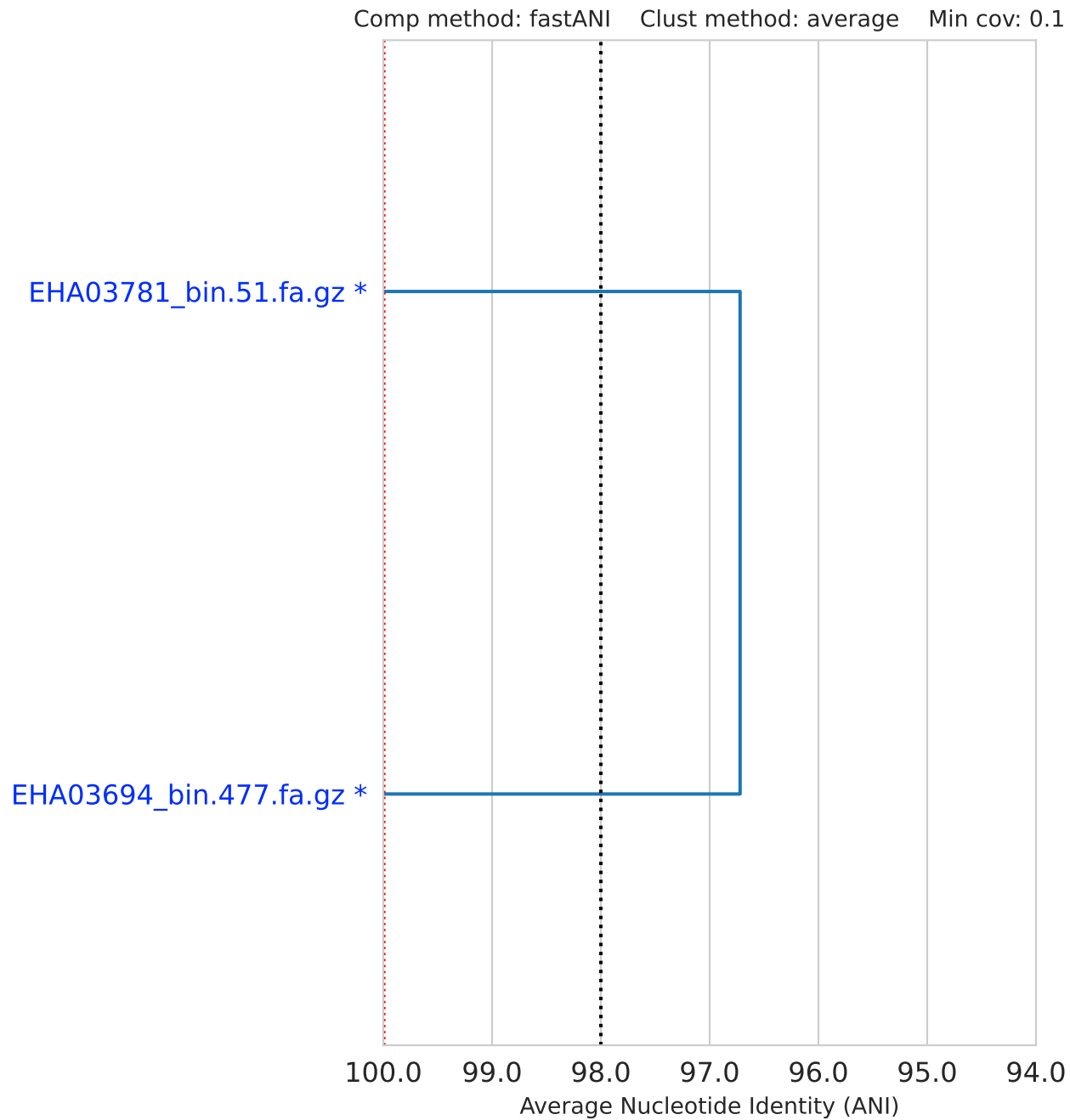
# Primary cluster 1063



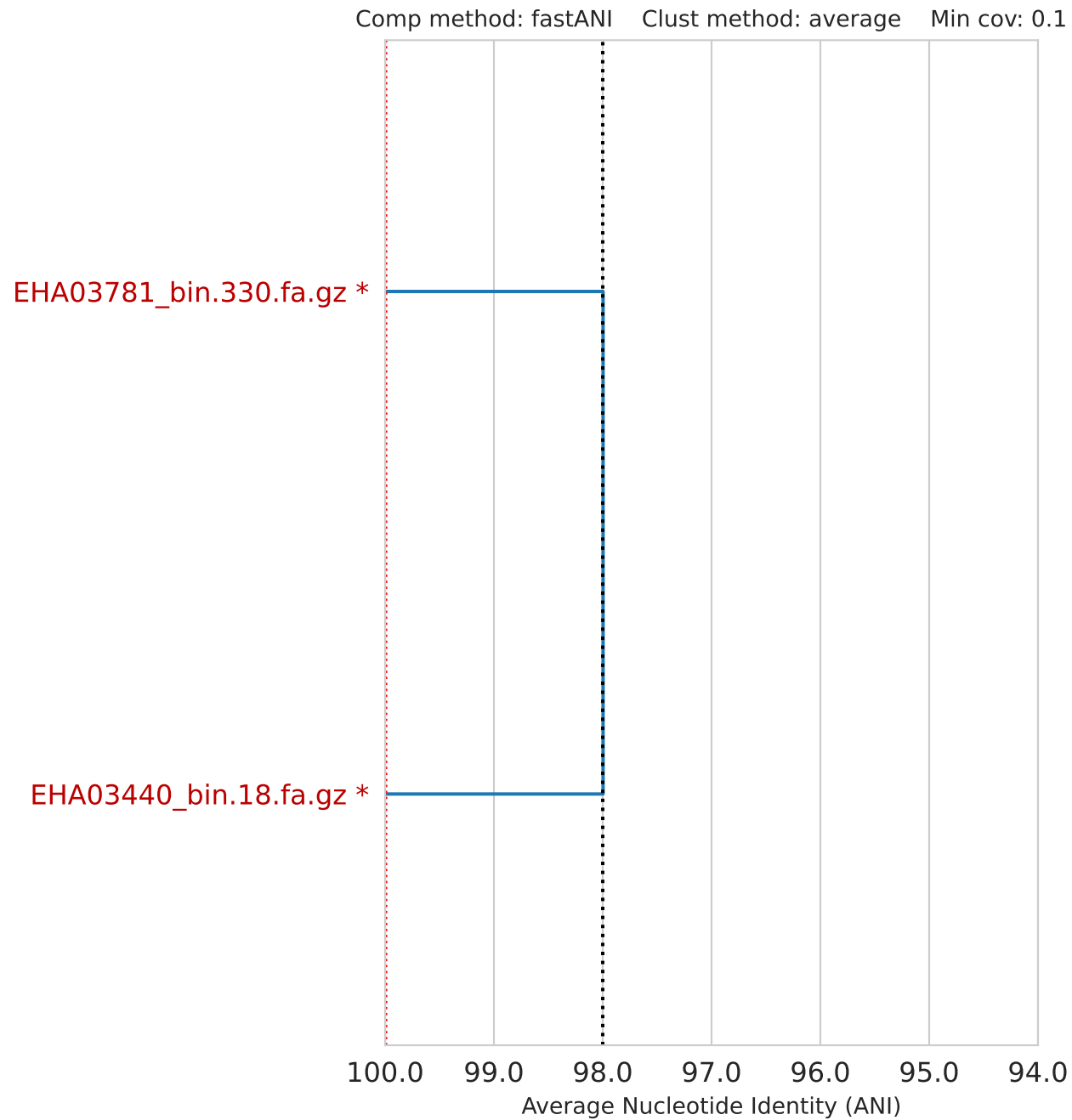
# Primary cluster 1064



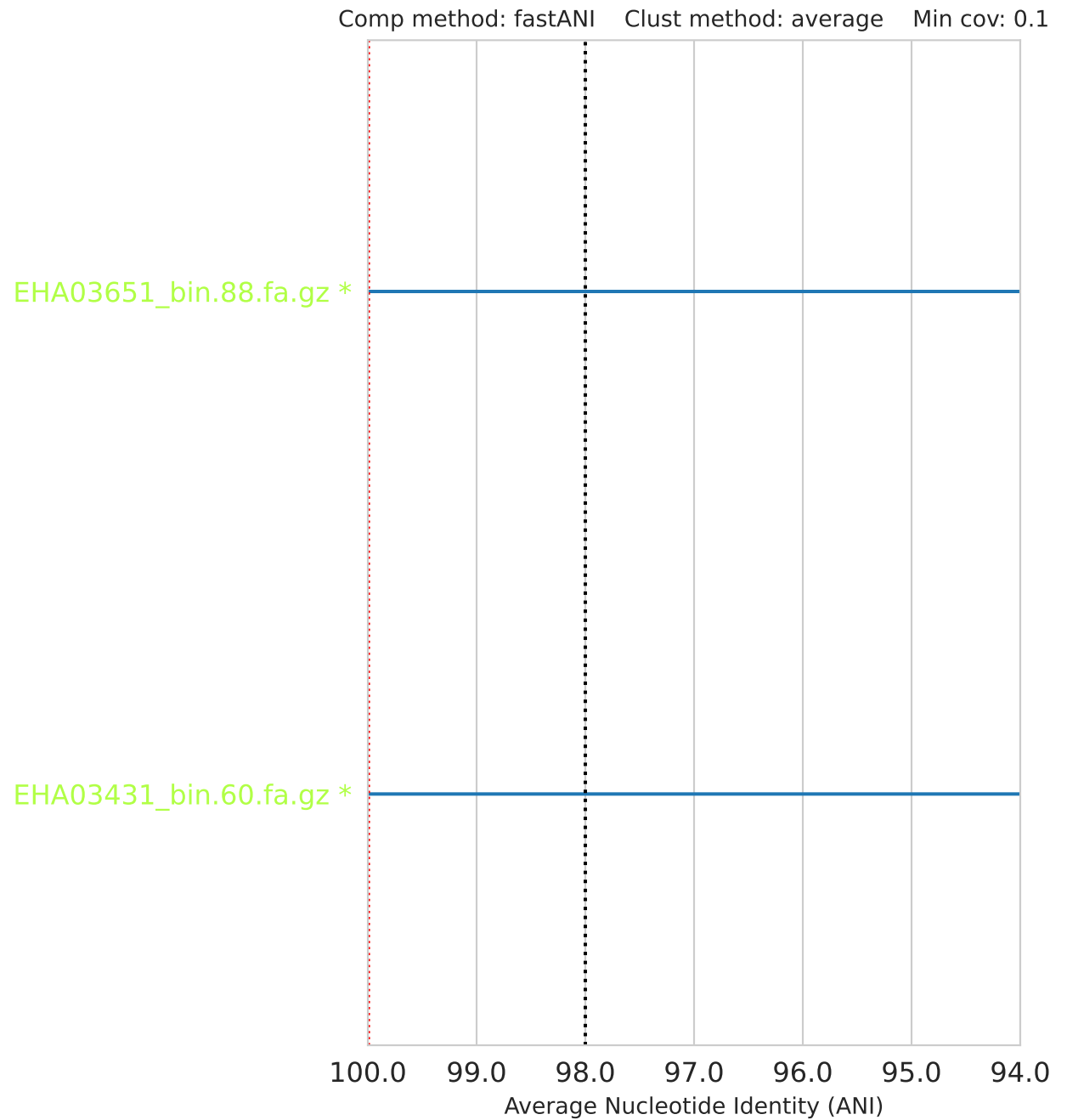
# Primary cluster 1066



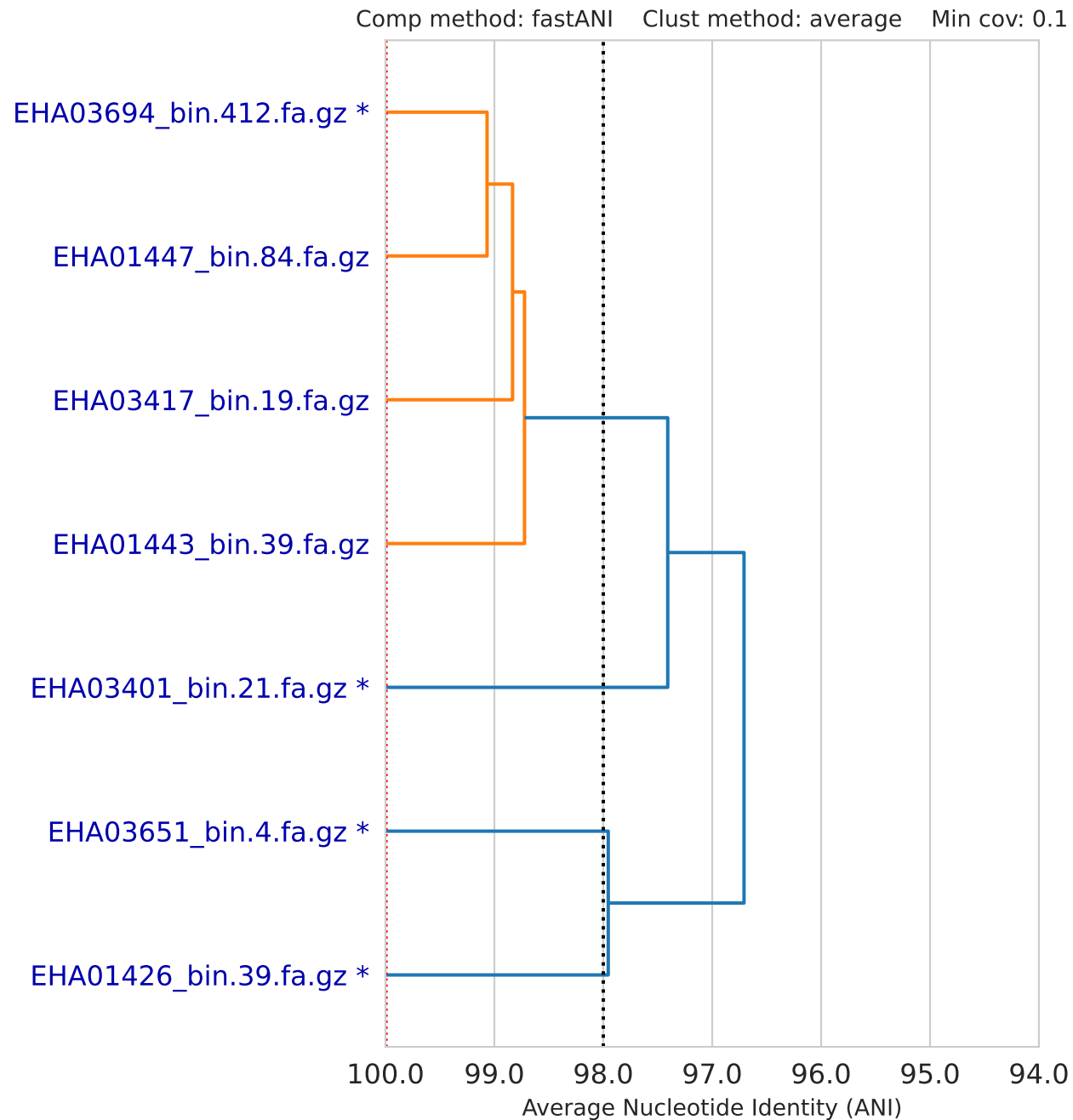
# Primary cluster 1067



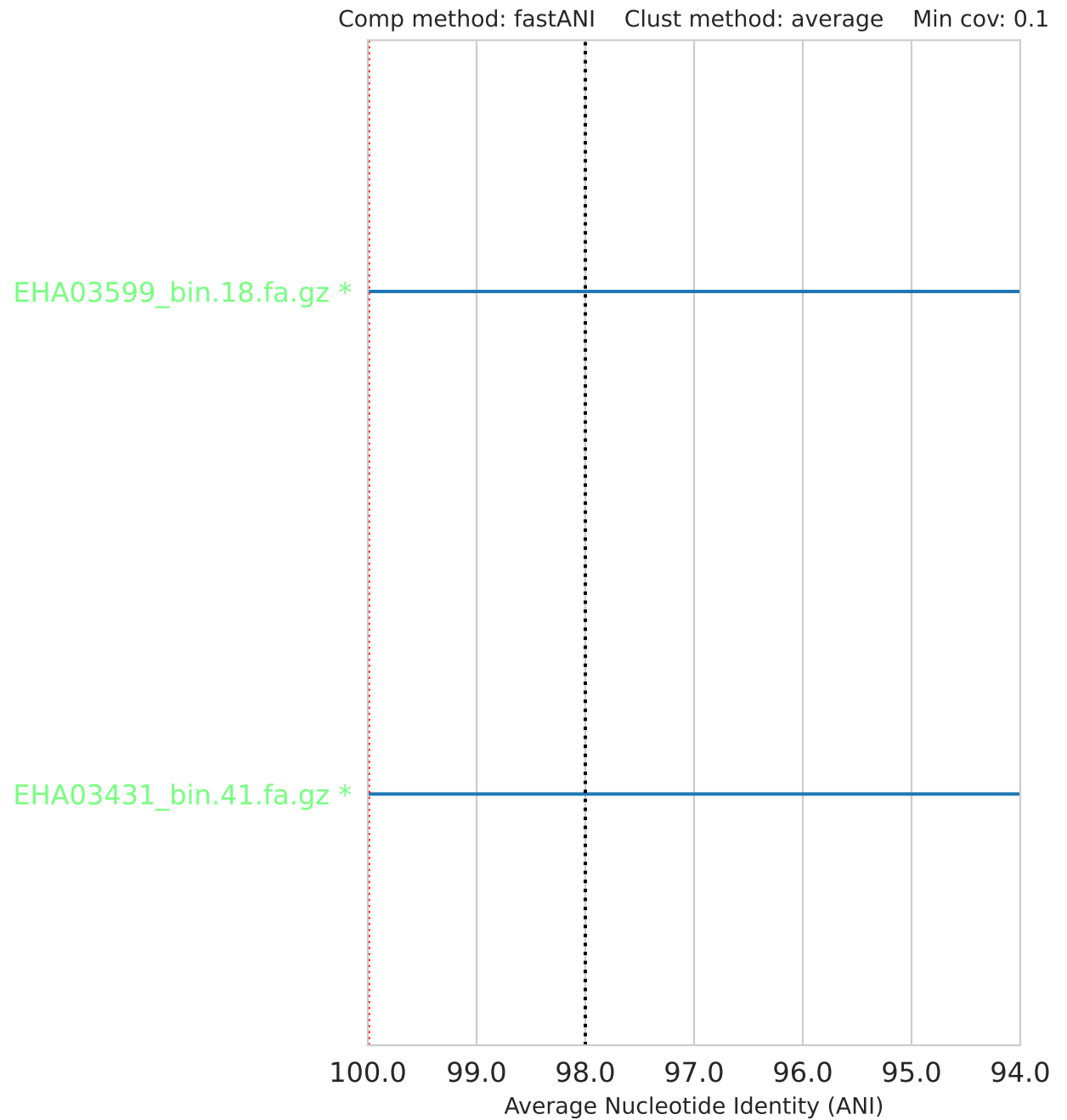
# Primary cluster 1068



# Primary cluster 1069

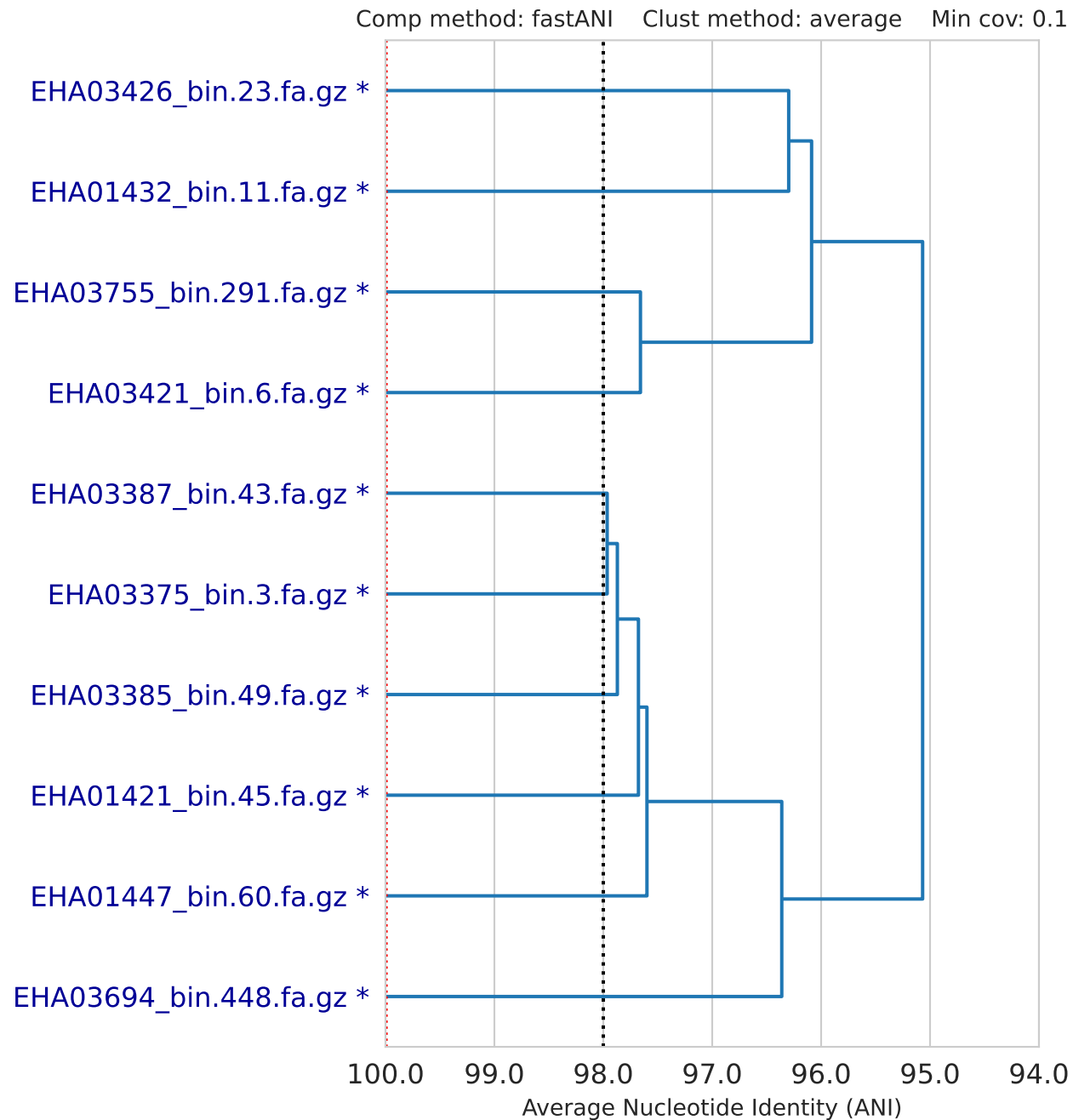


# Primary cluster 1070

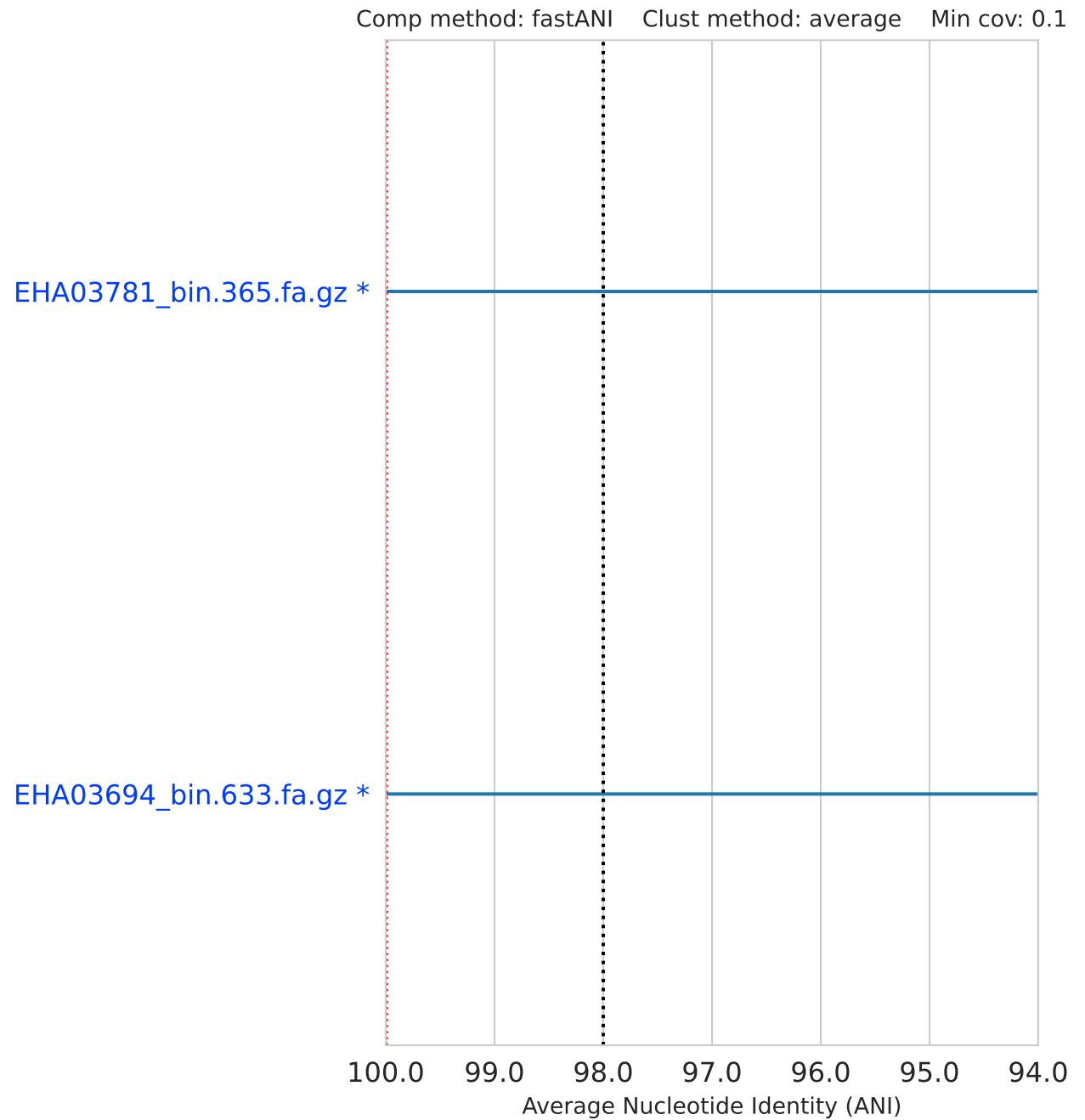




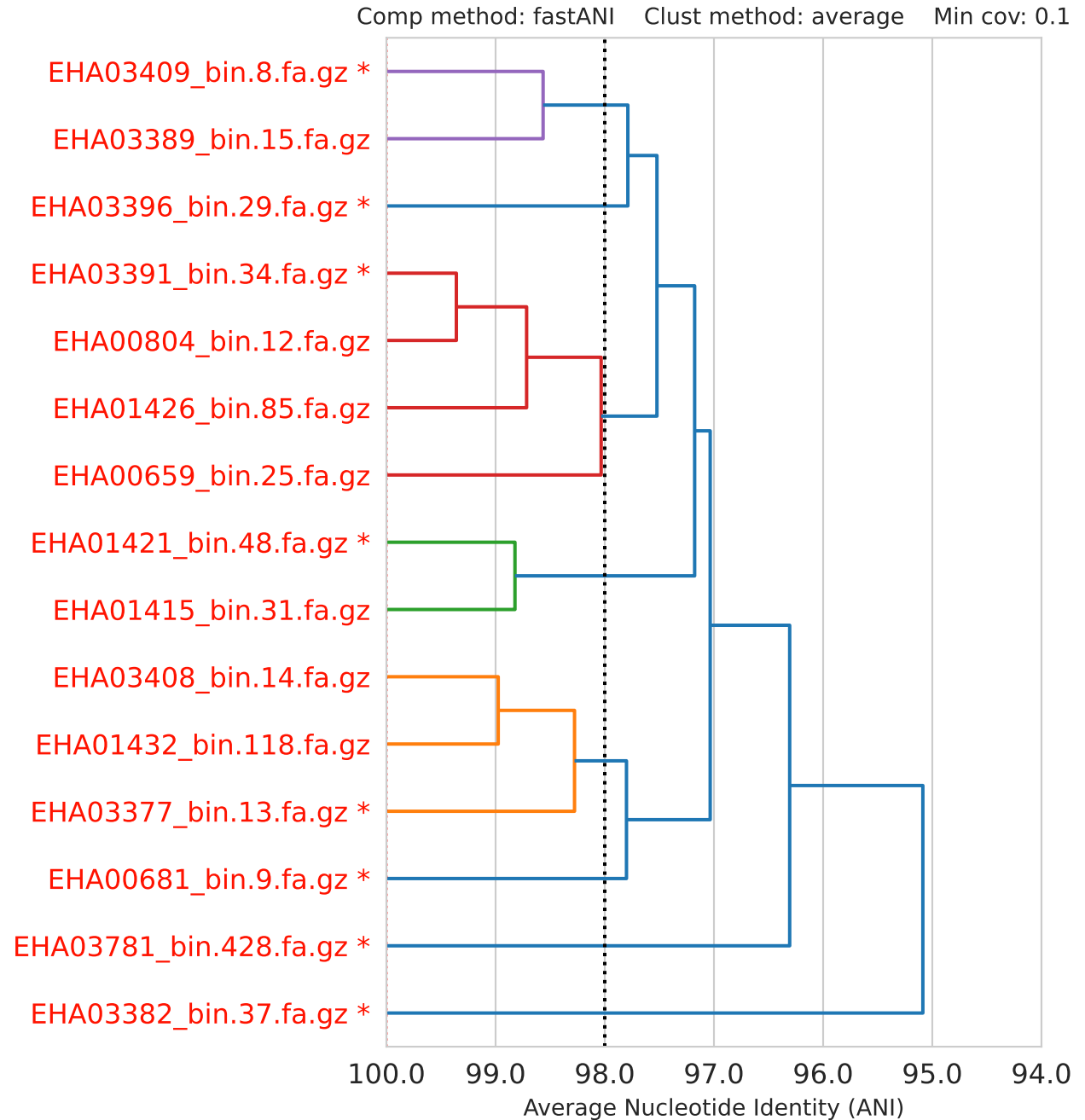
# Primary cluster 1071



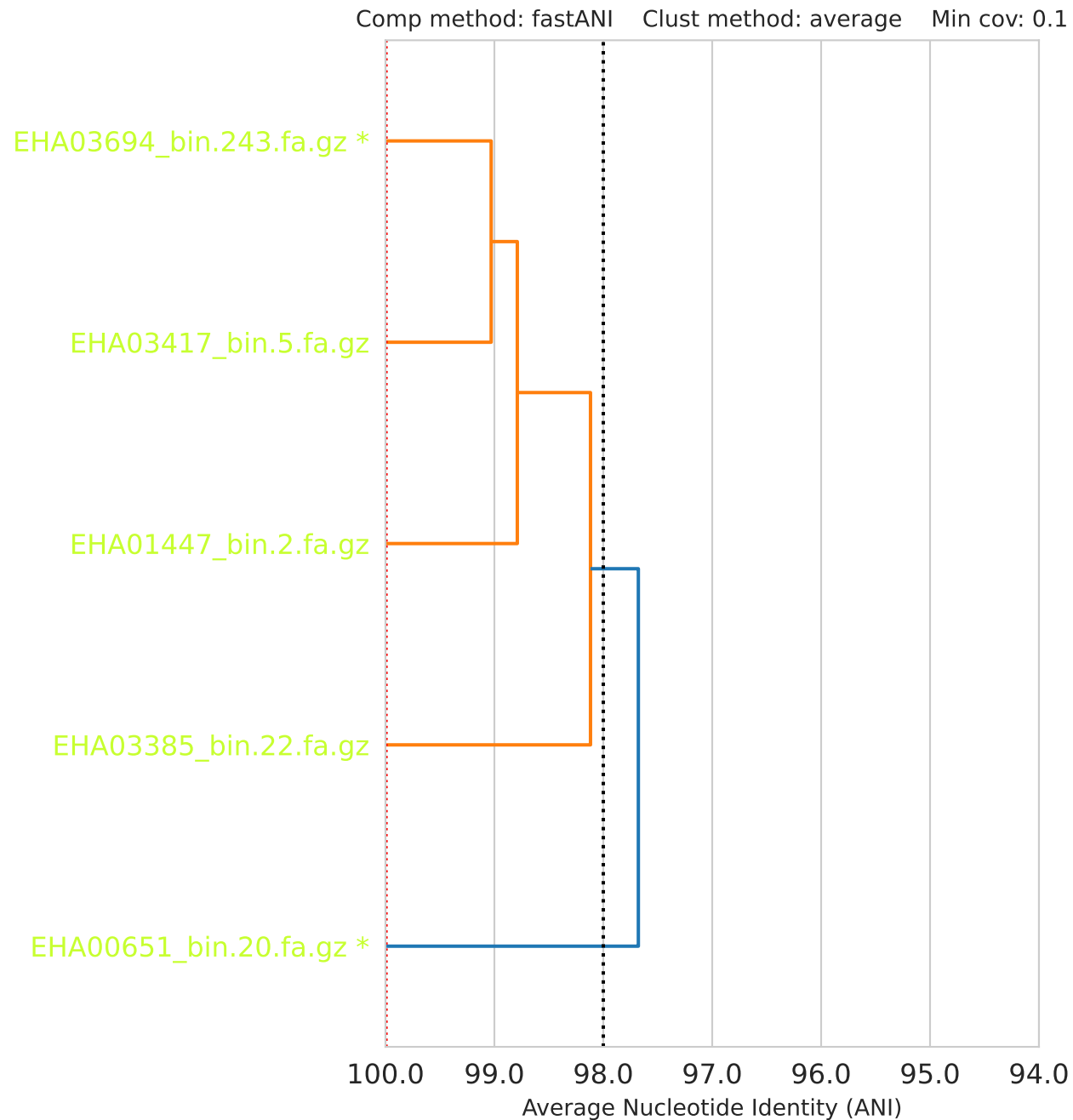
# Primary cluster 1072



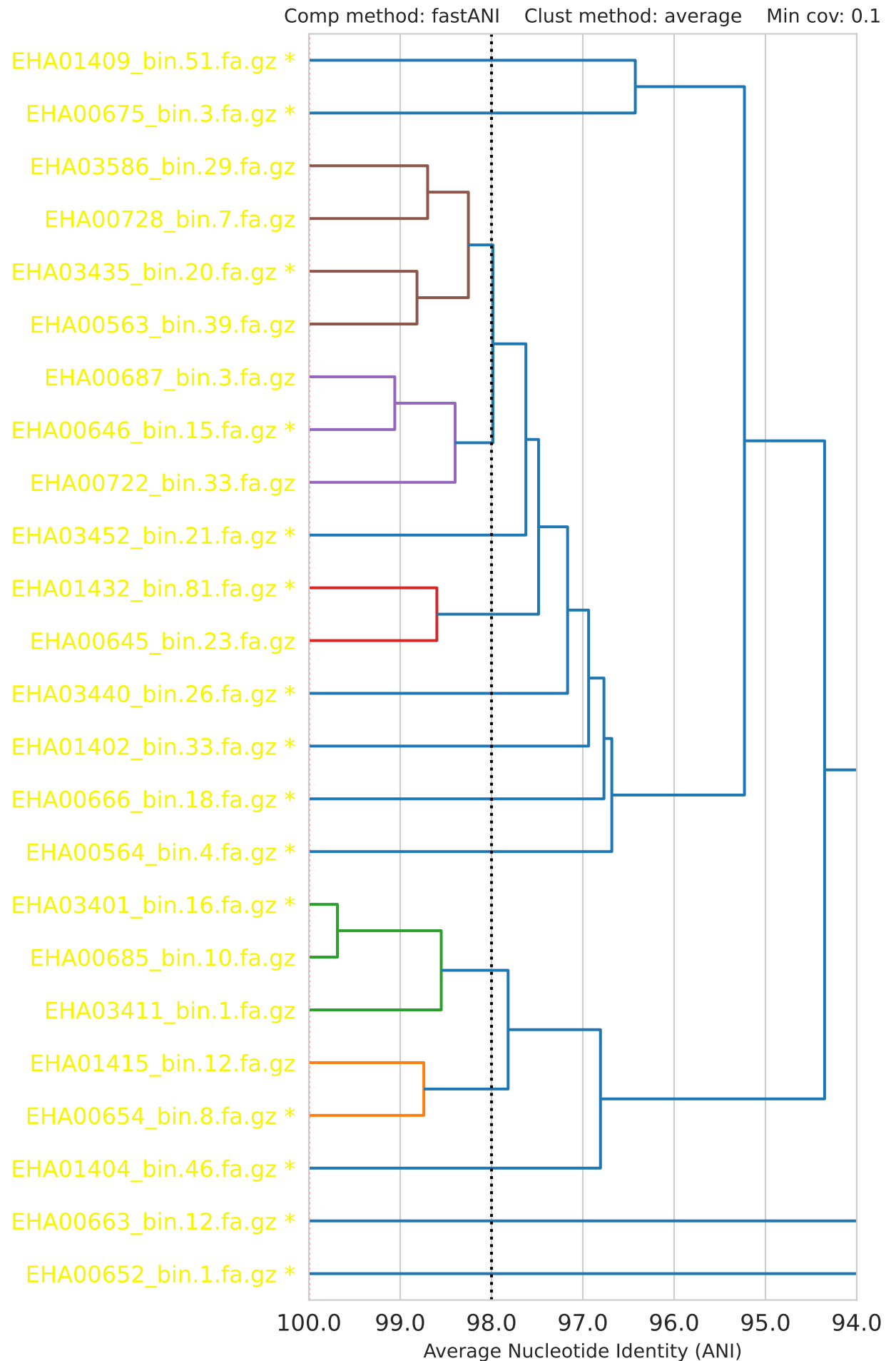
# Primary cluster 1073



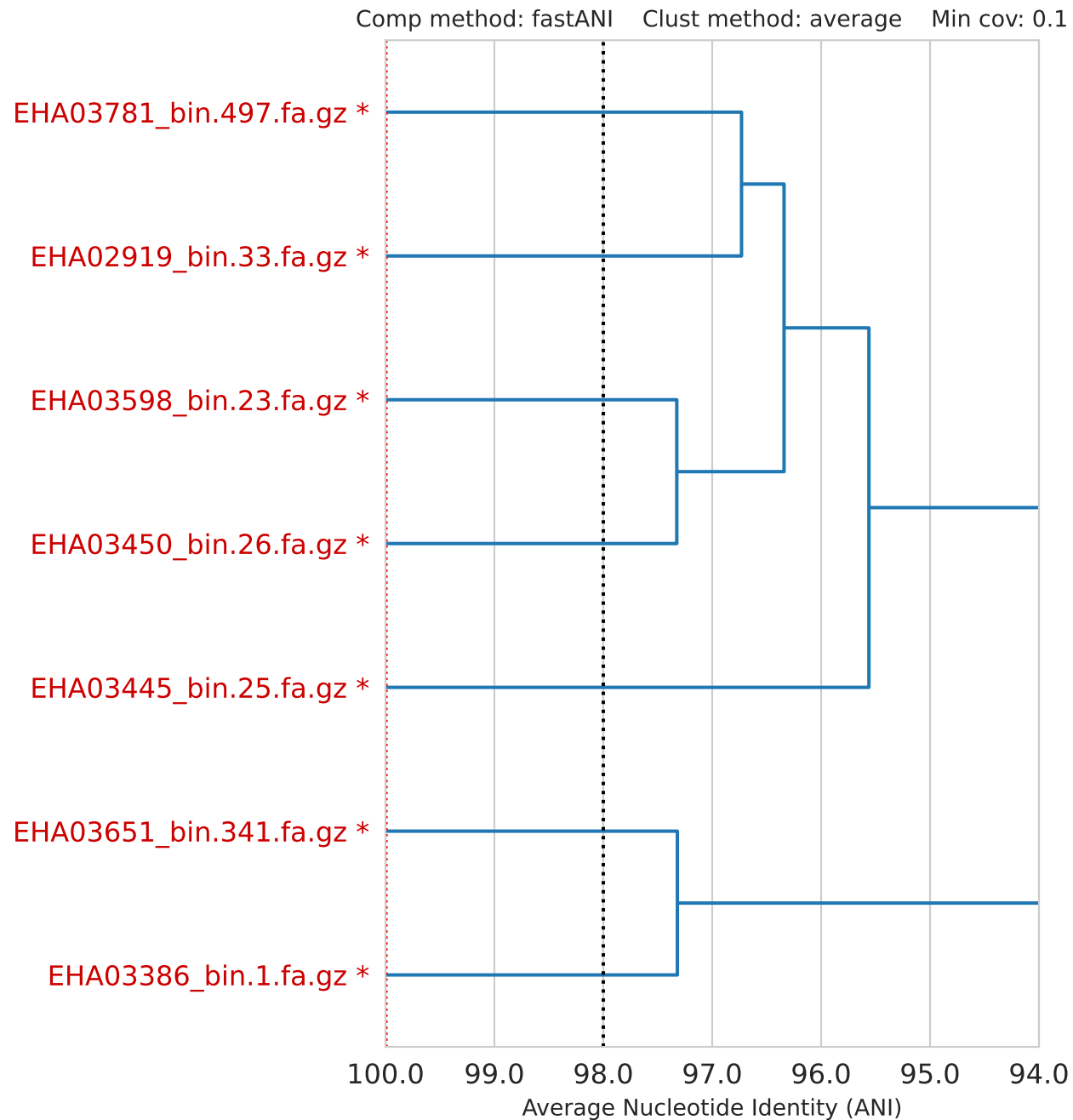
# Primary cluster 1074



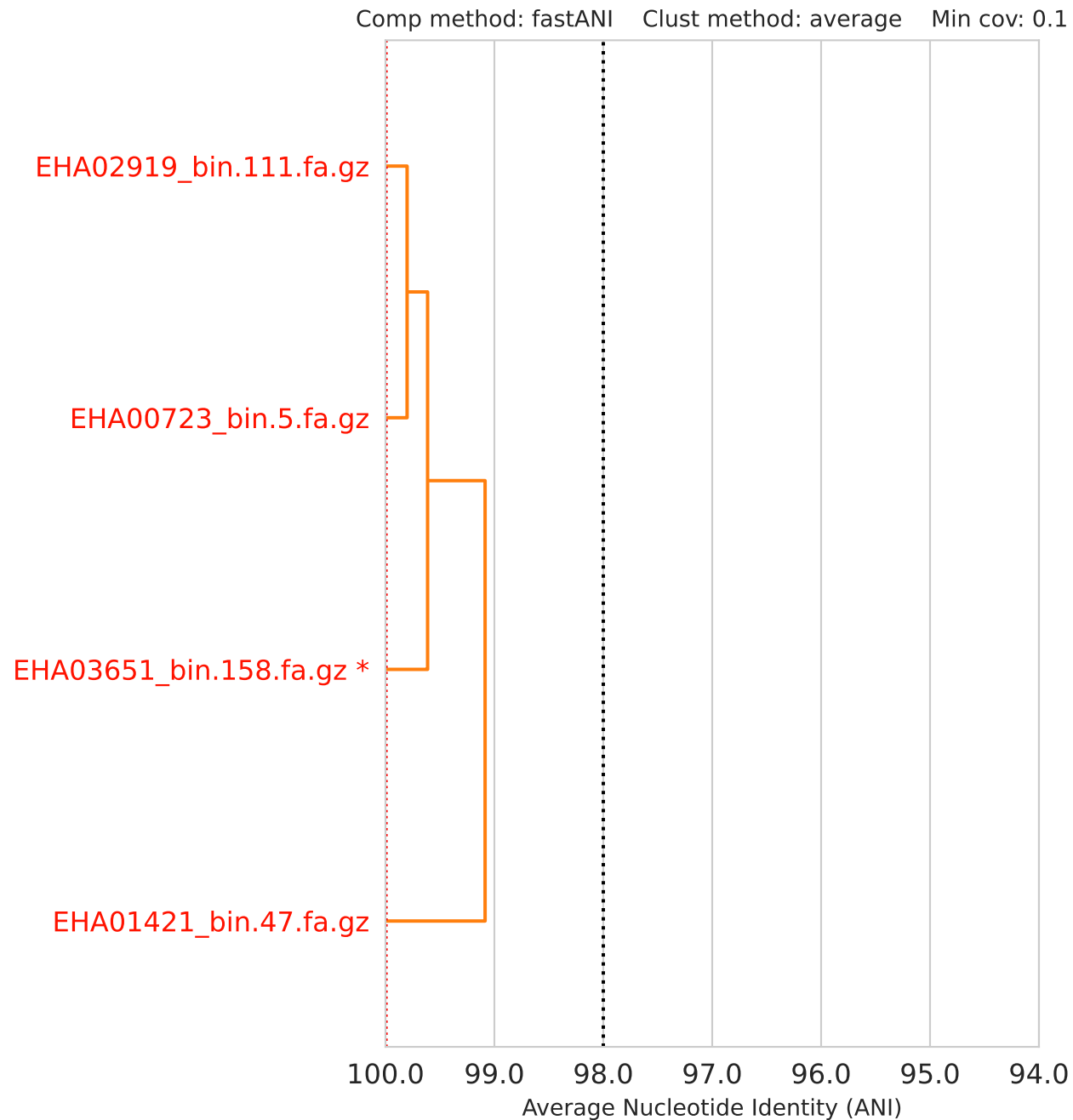
# Primary cluster 1075



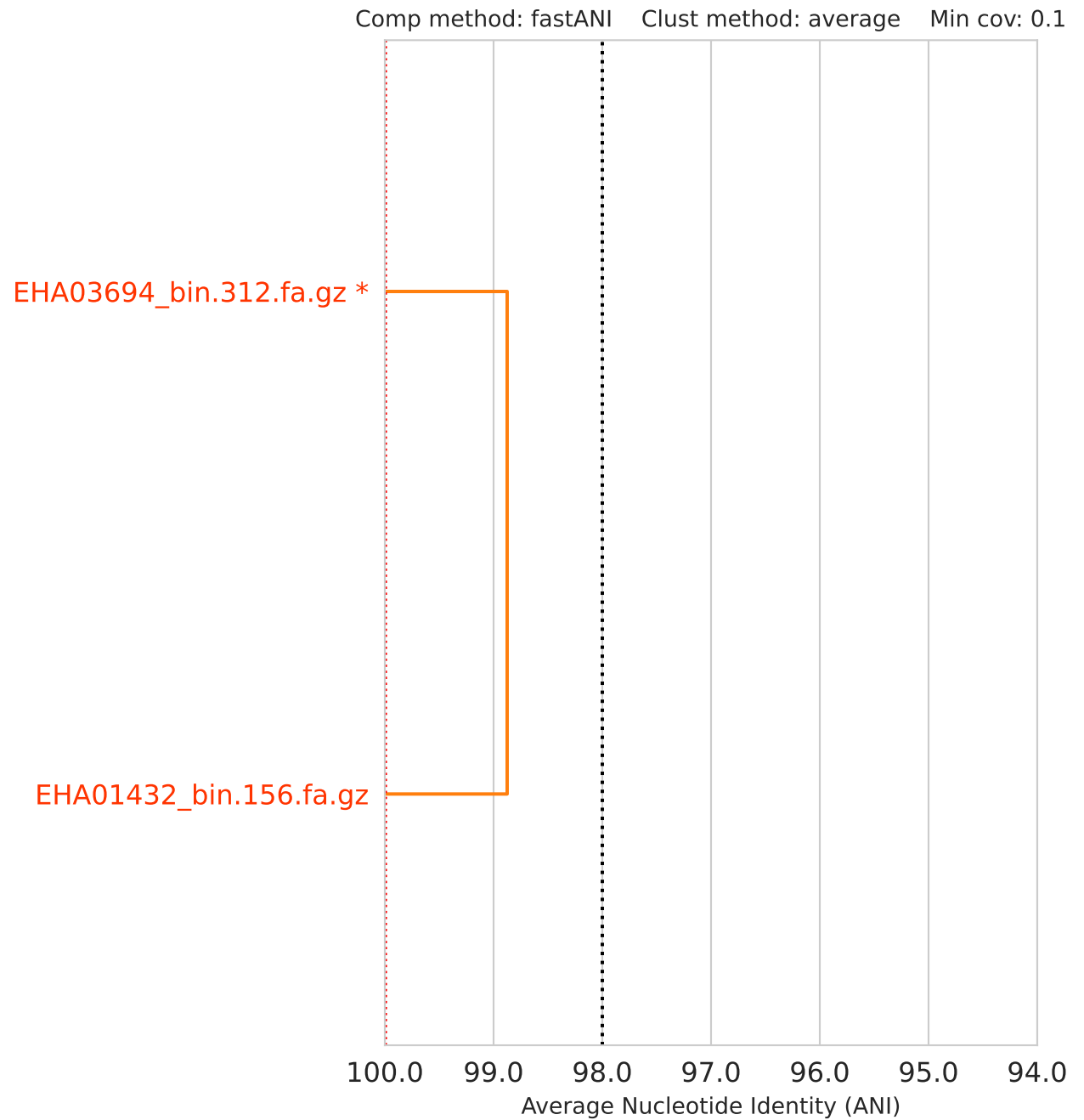
# Primary cluster 1076



# Primary cluster 1077

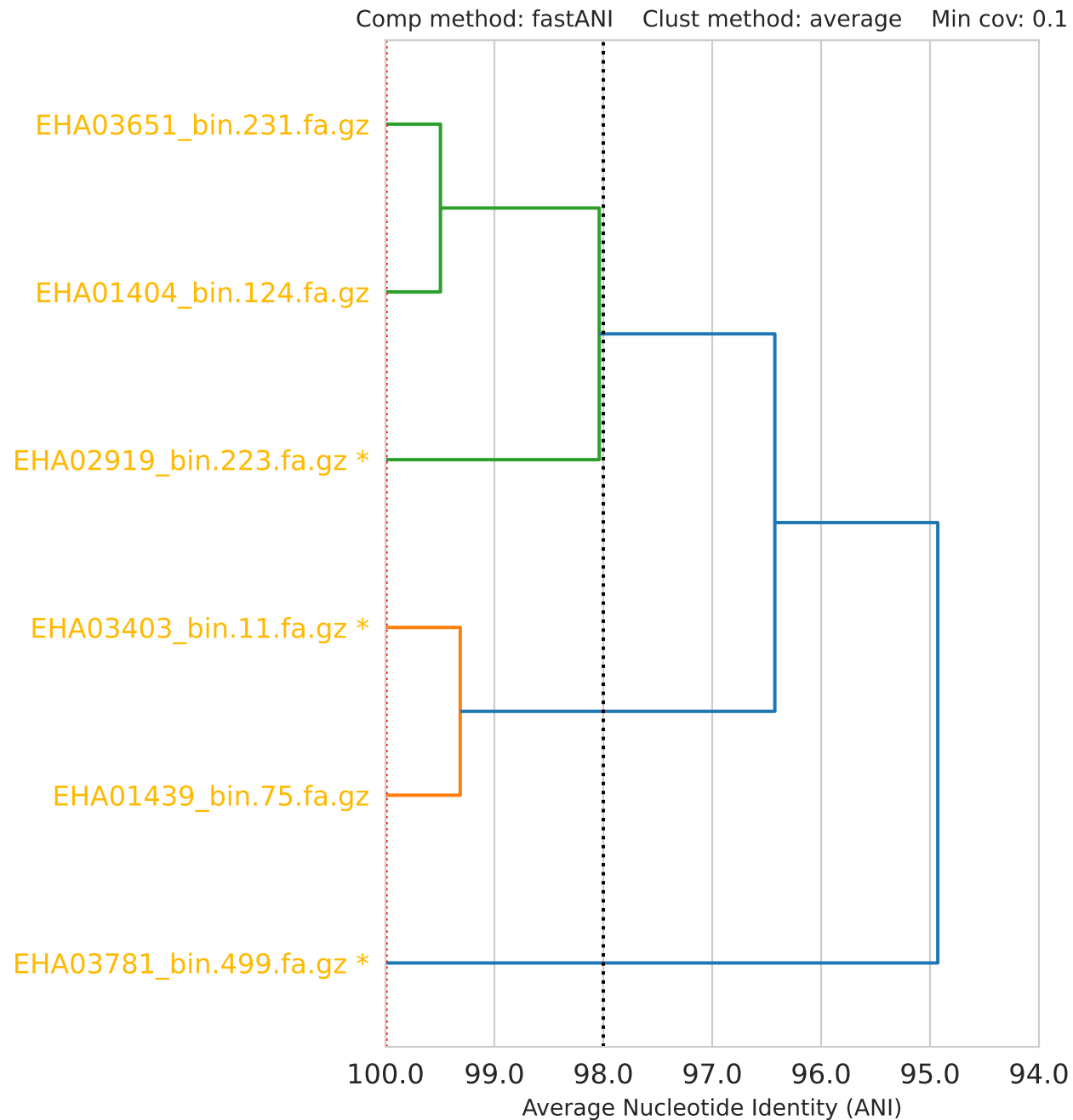


# Primary cluster 1078

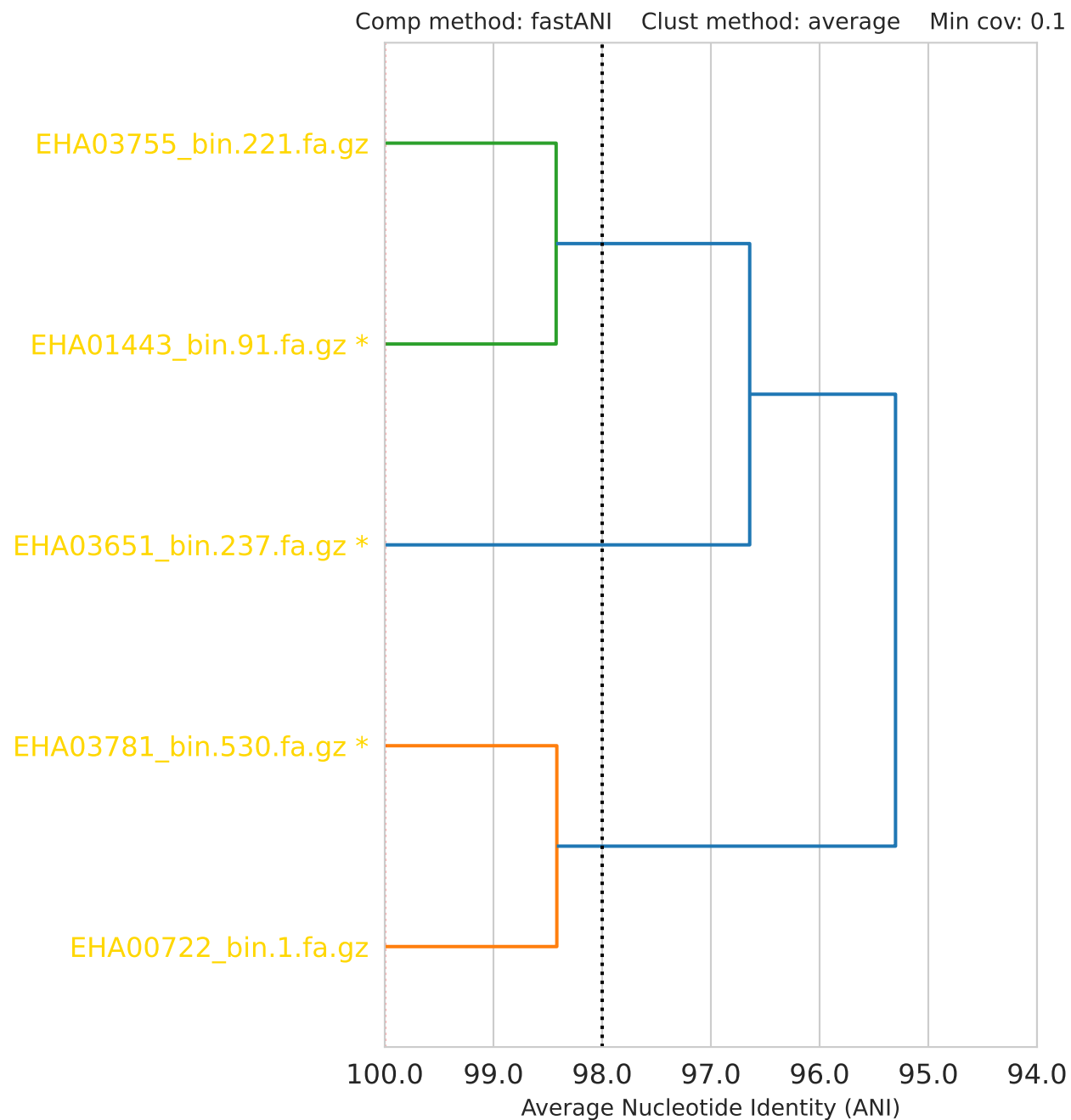




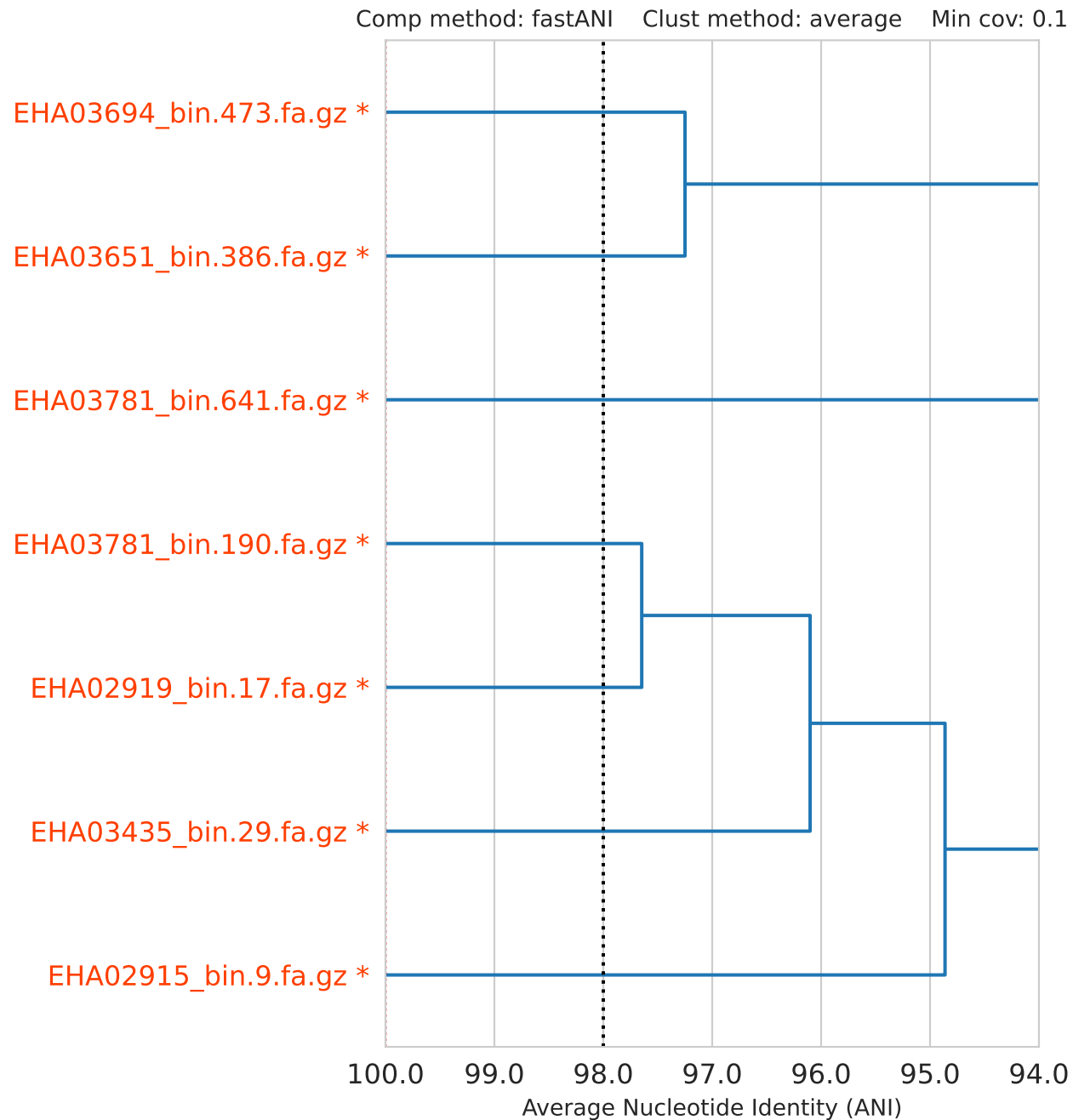
# Primary cluster 1079



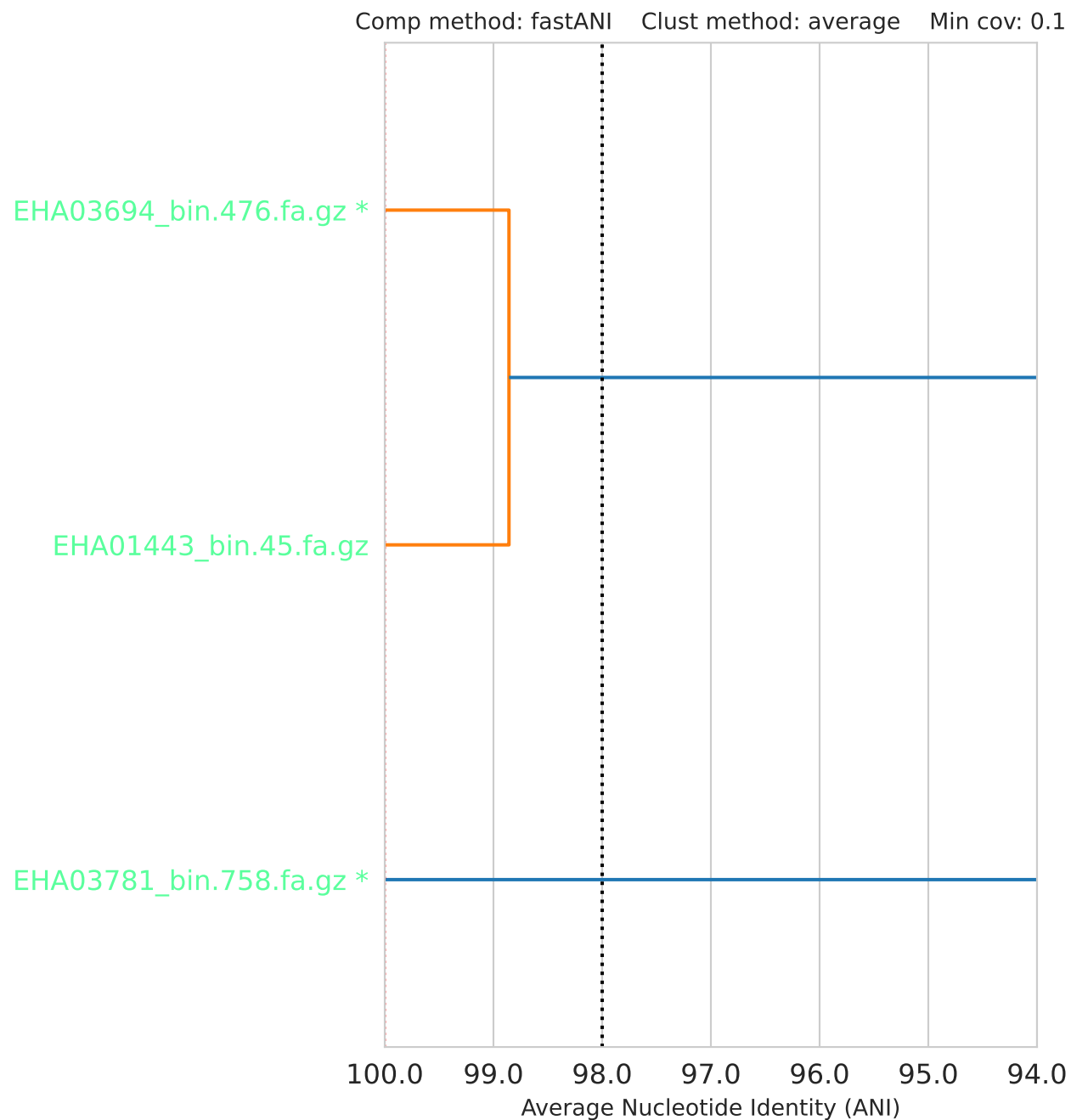
# Primary cluster 1080



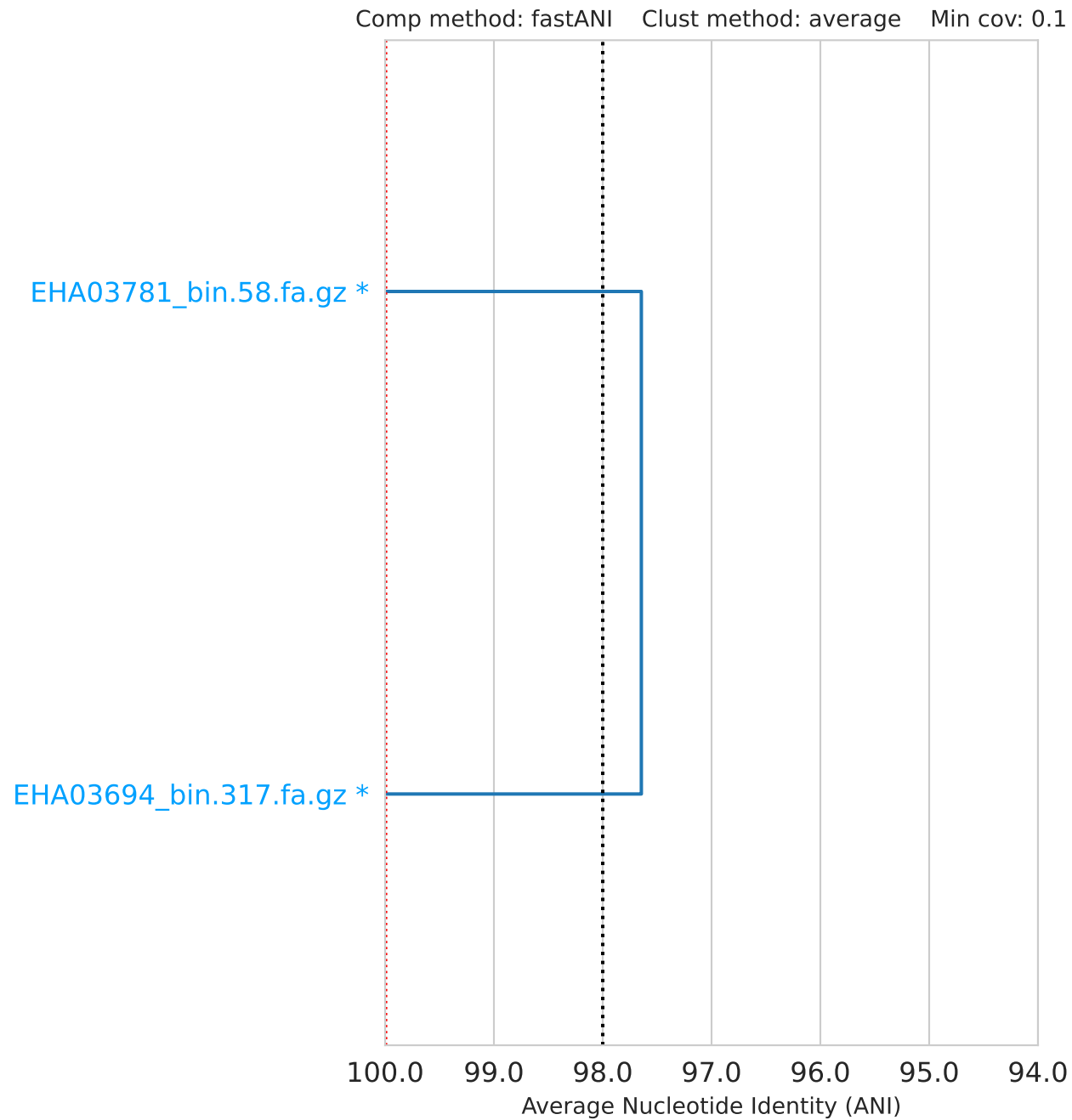
# Primary cluster 1081



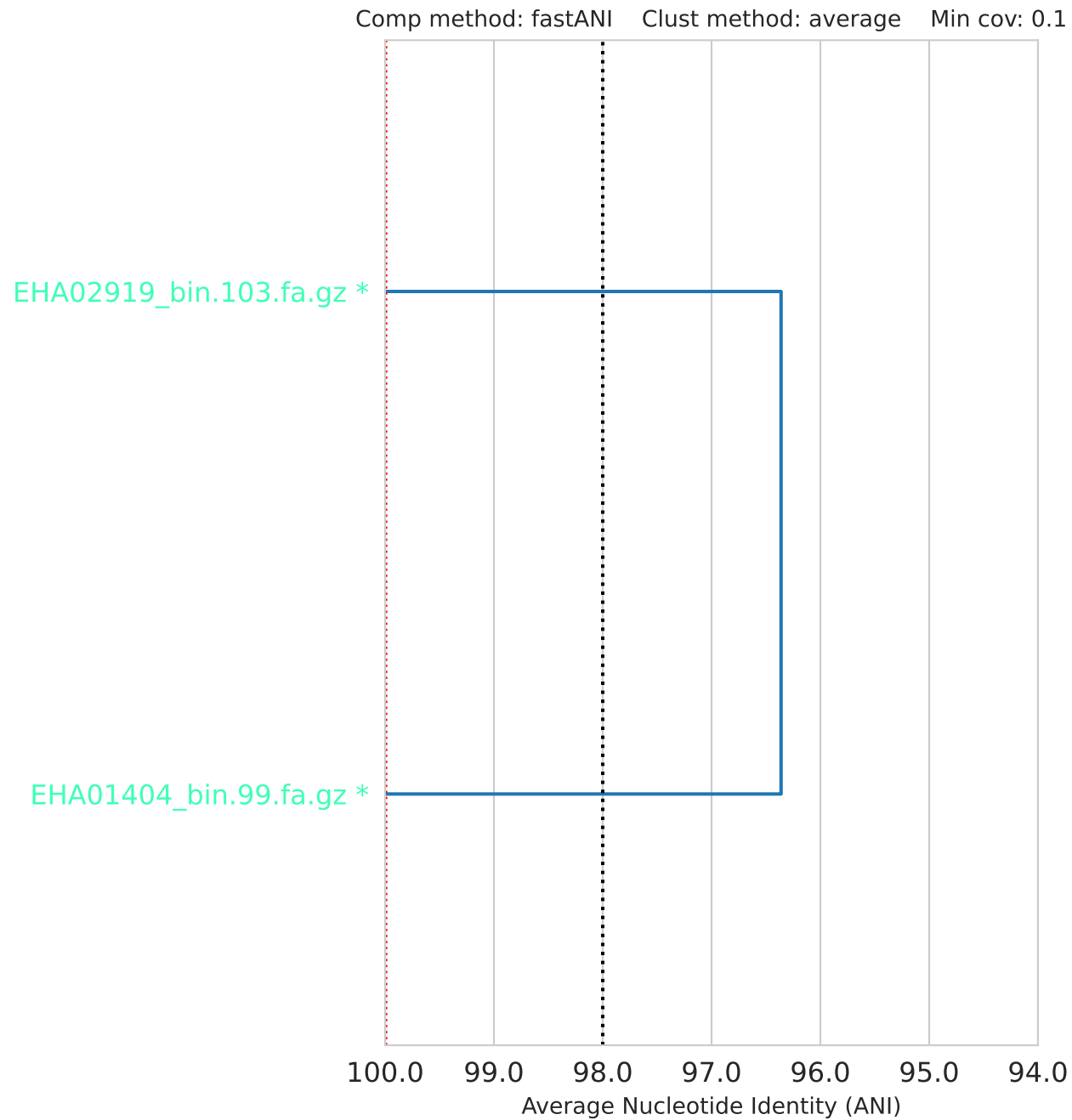
# Primary cluster 1082



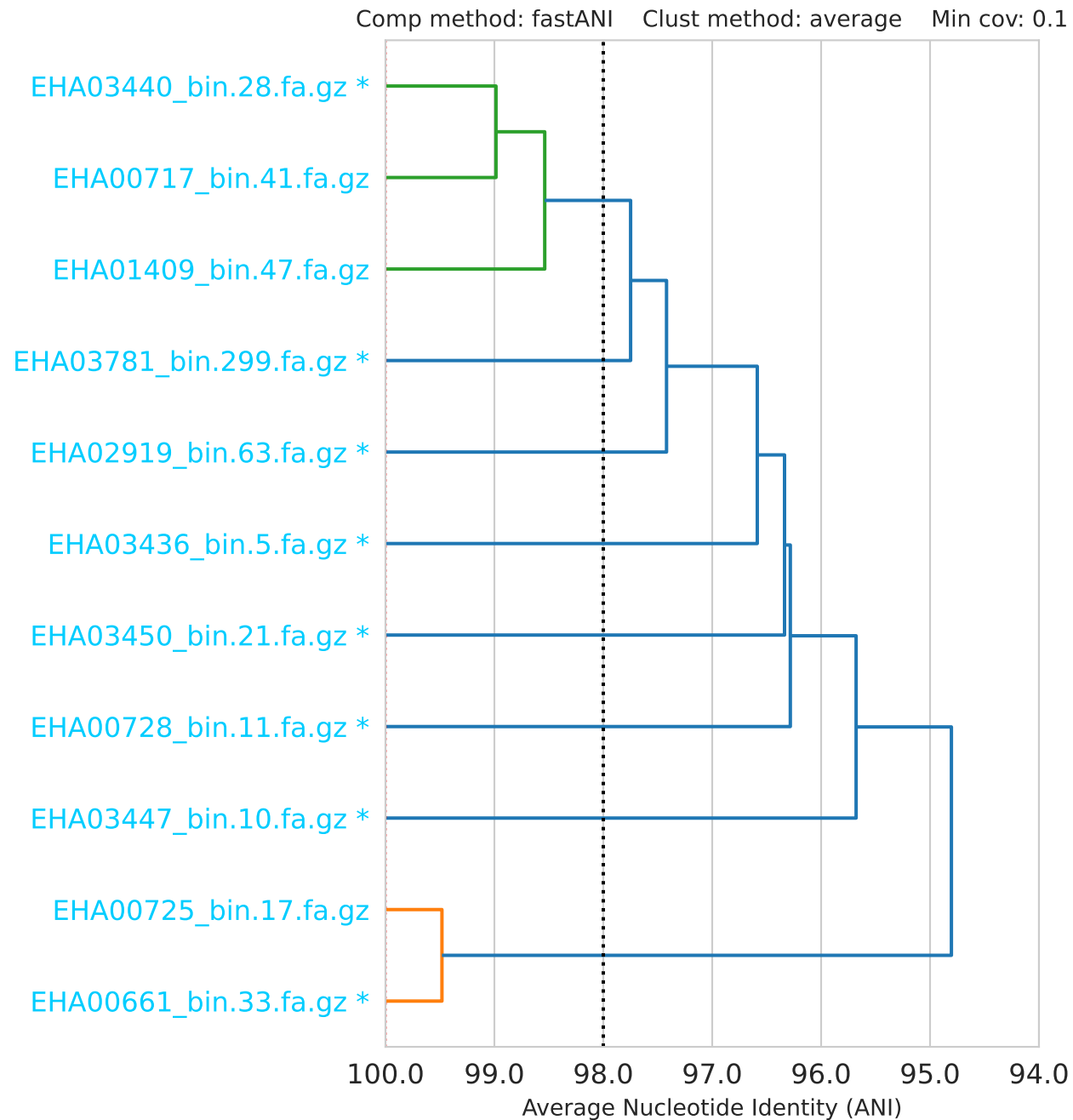
# Primary cluster 1084



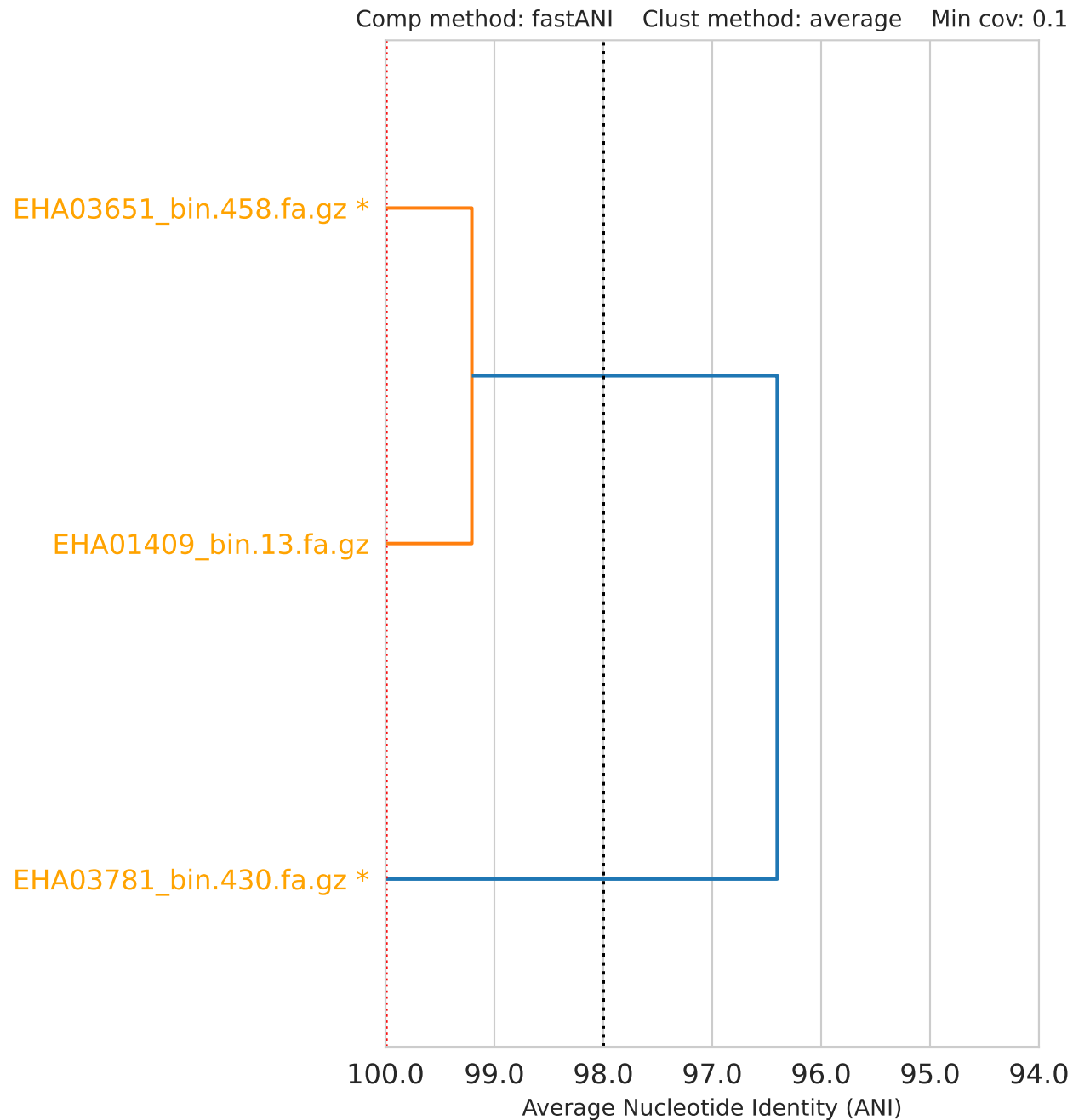
# Primary cluster 1085



# Primary cluster 1086

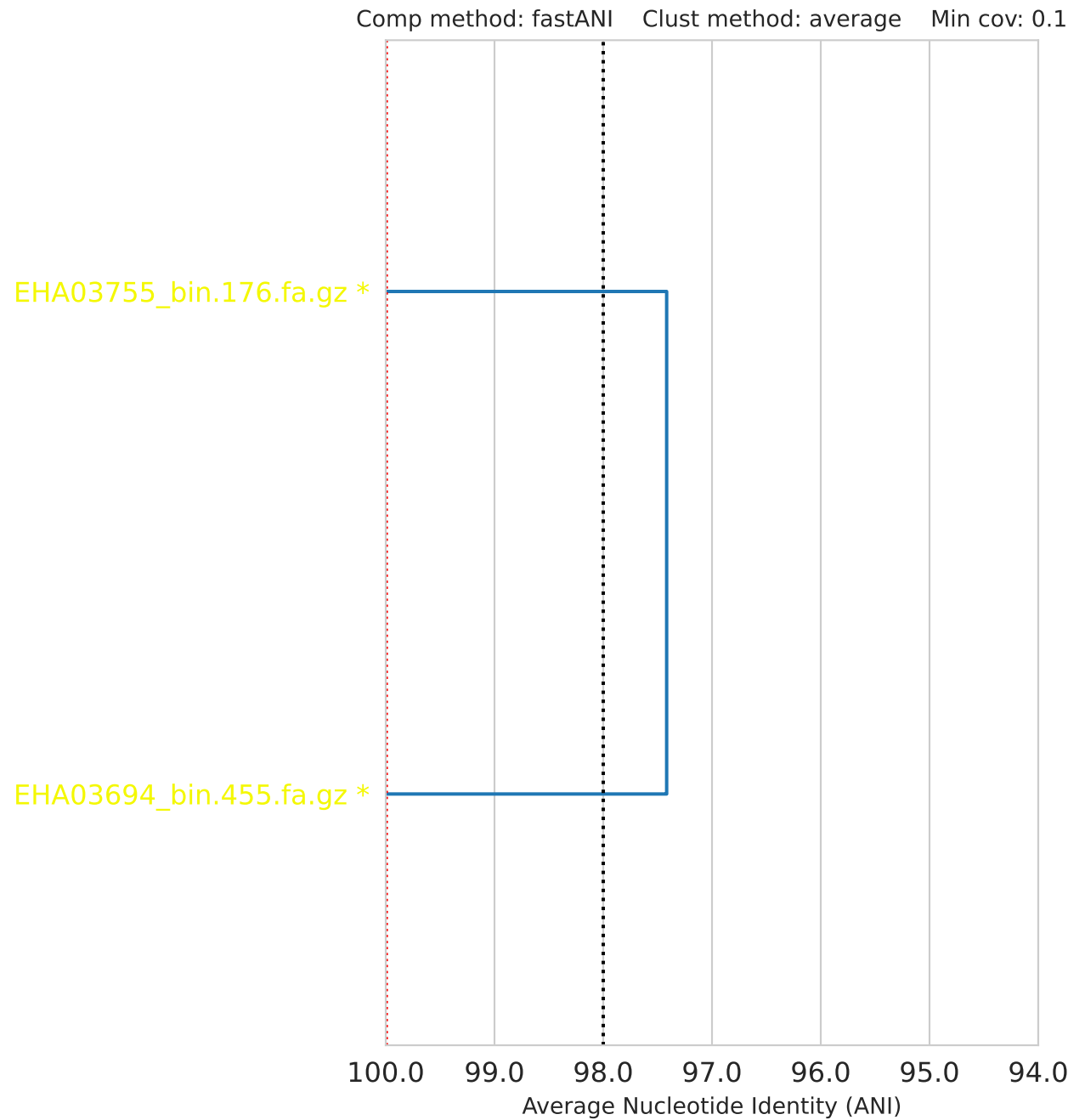


# Primary cluster 1088

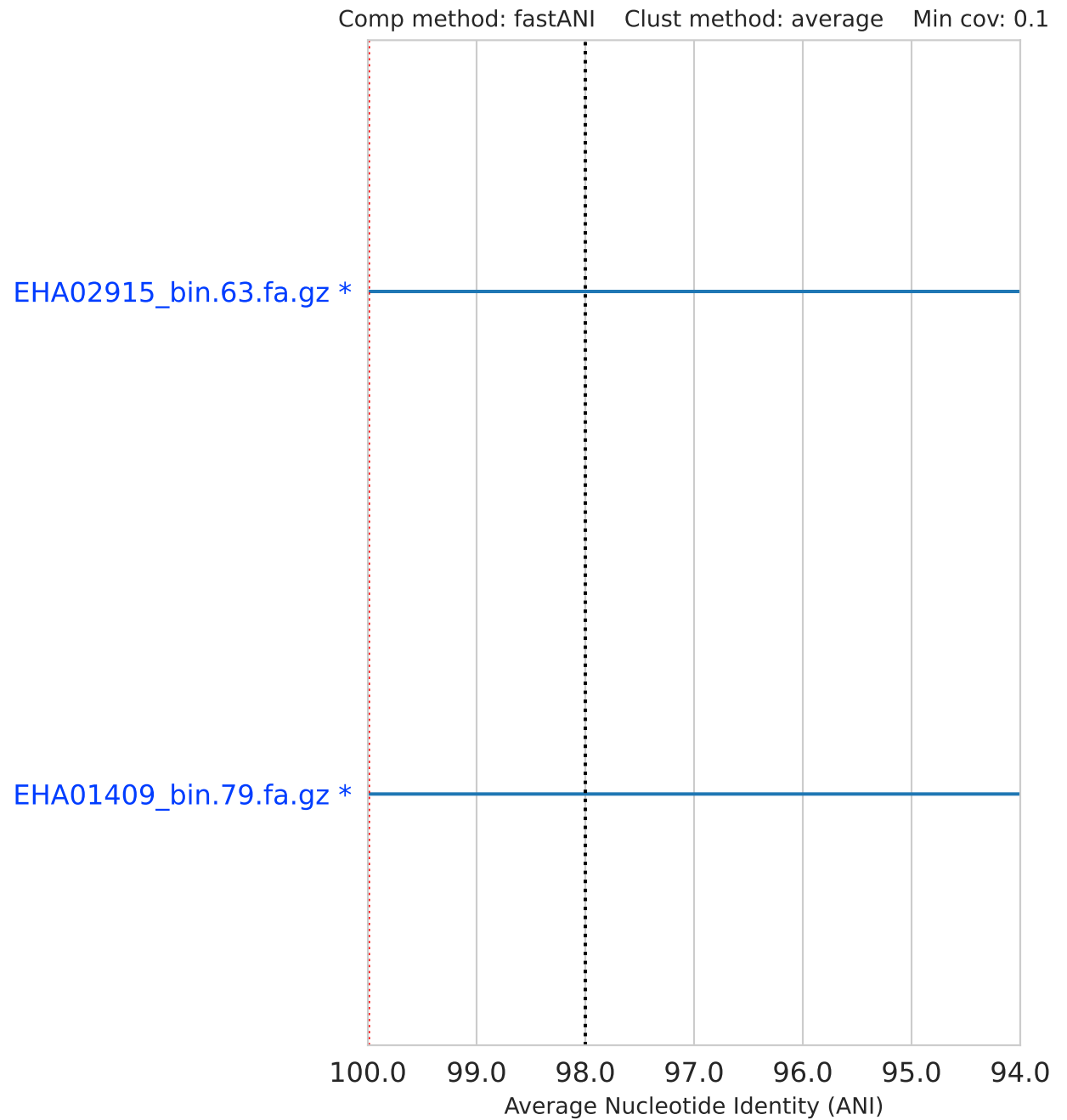




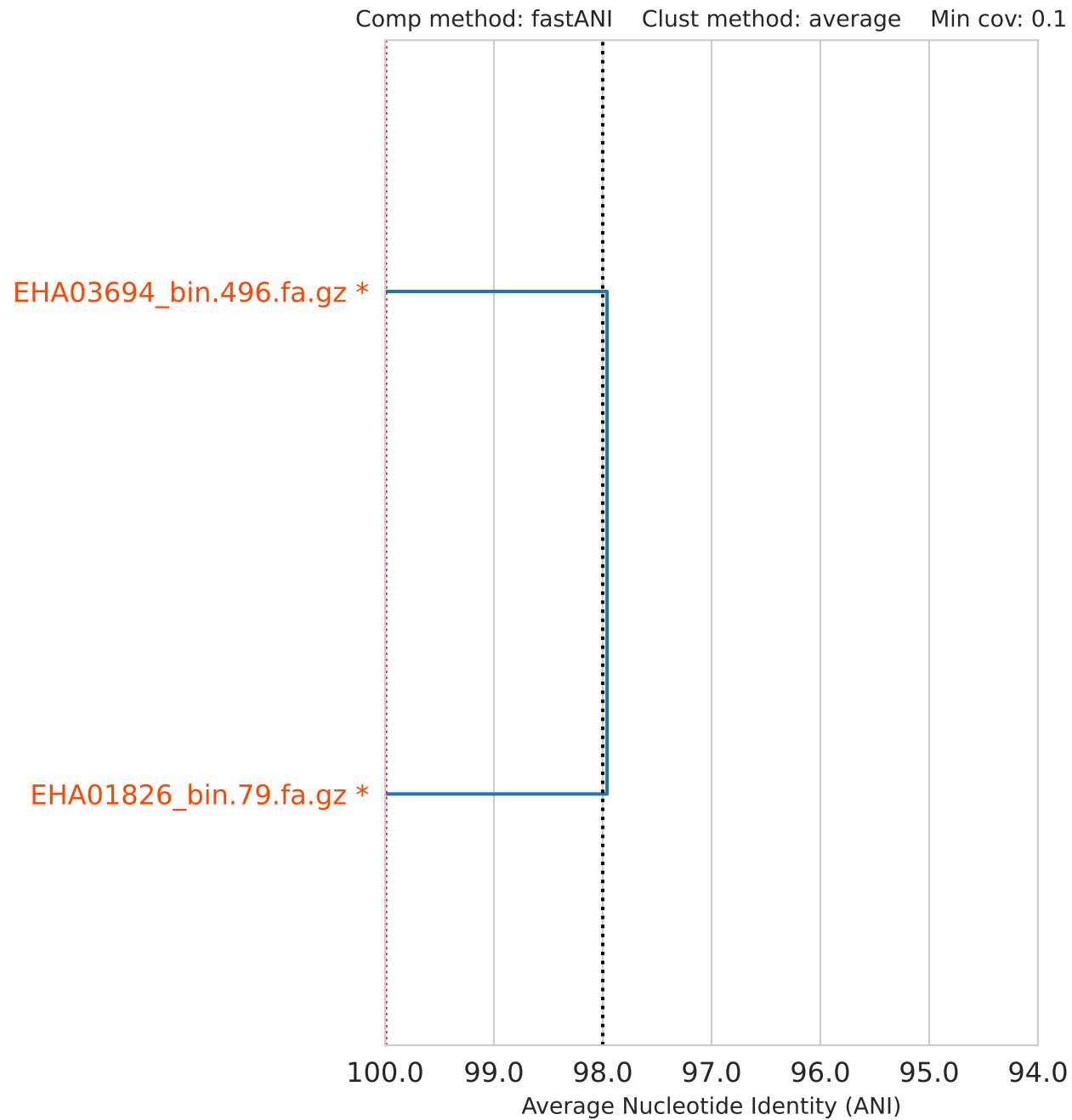
# Primary cluster 1089



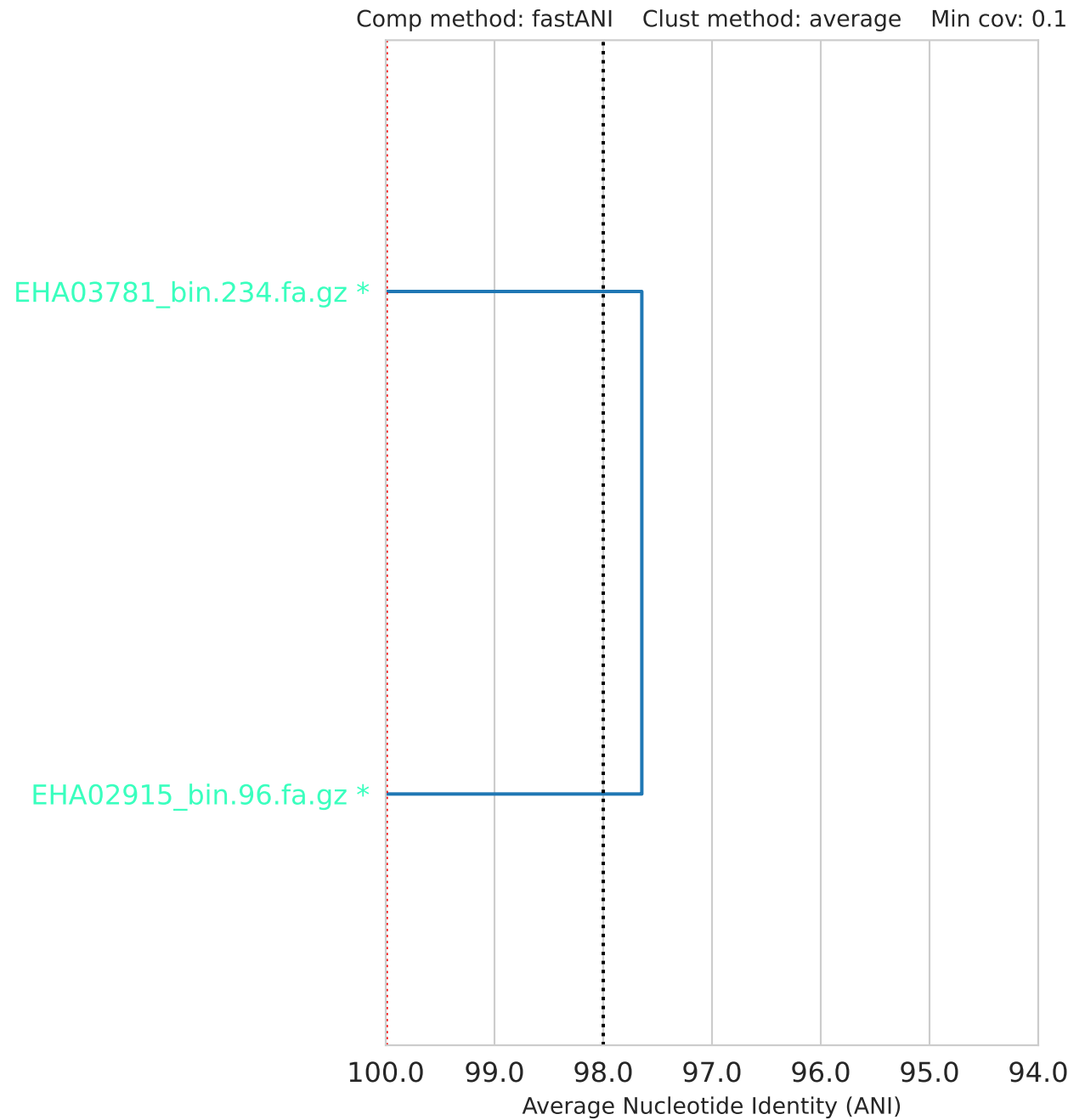
# Primary cluster 1090



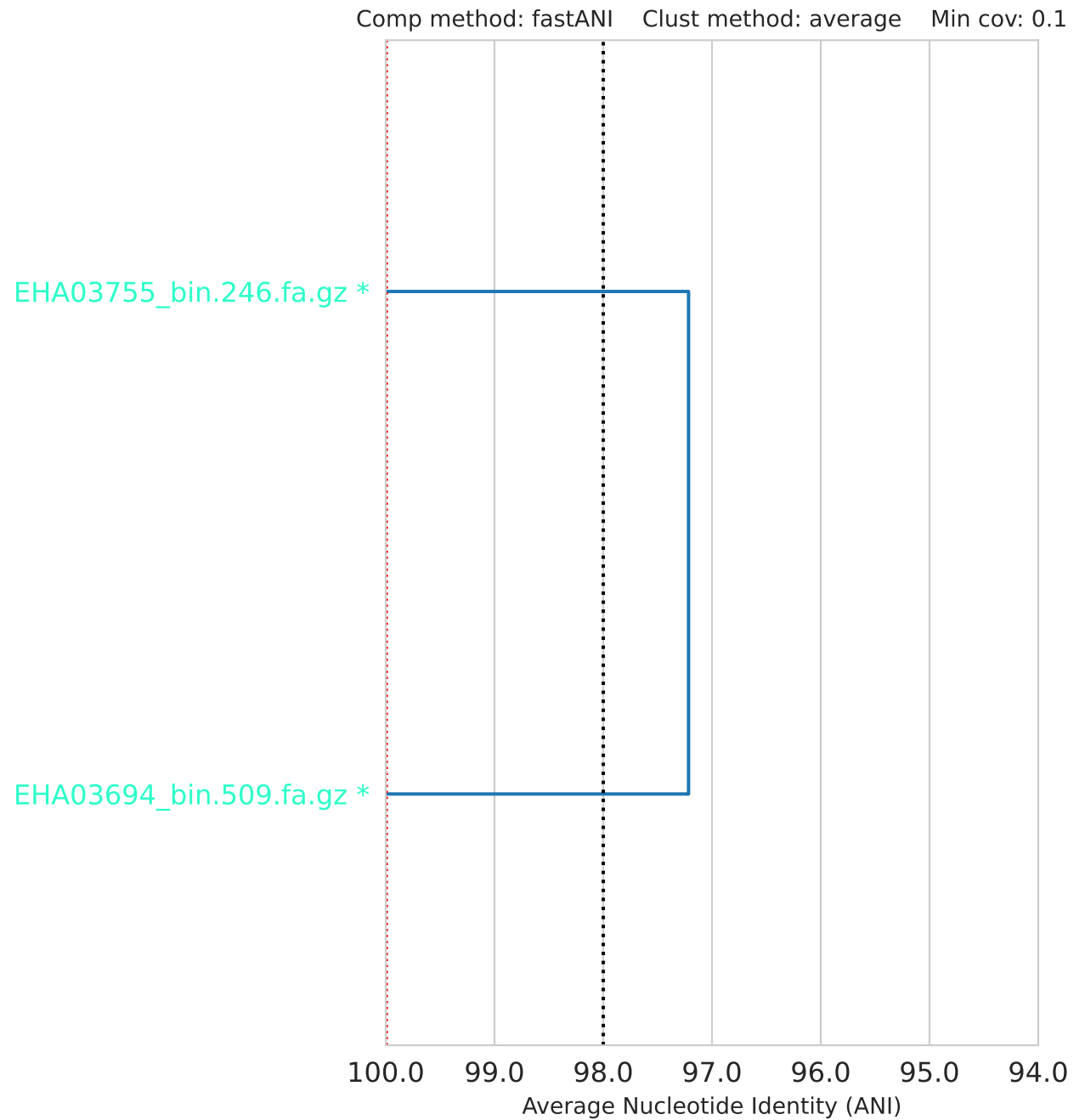
# Primary cluster 1091



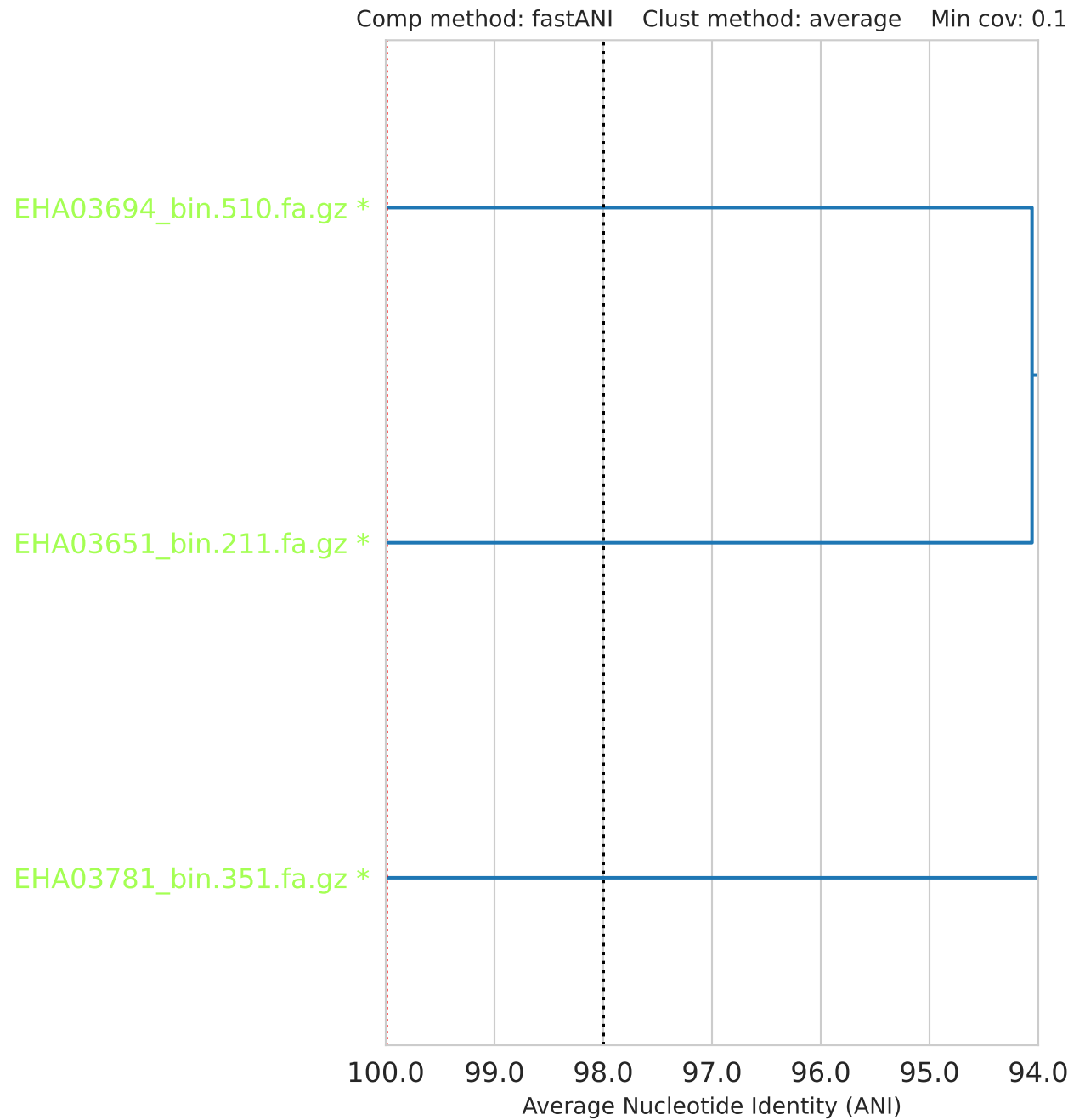
# Primary cluster 1093



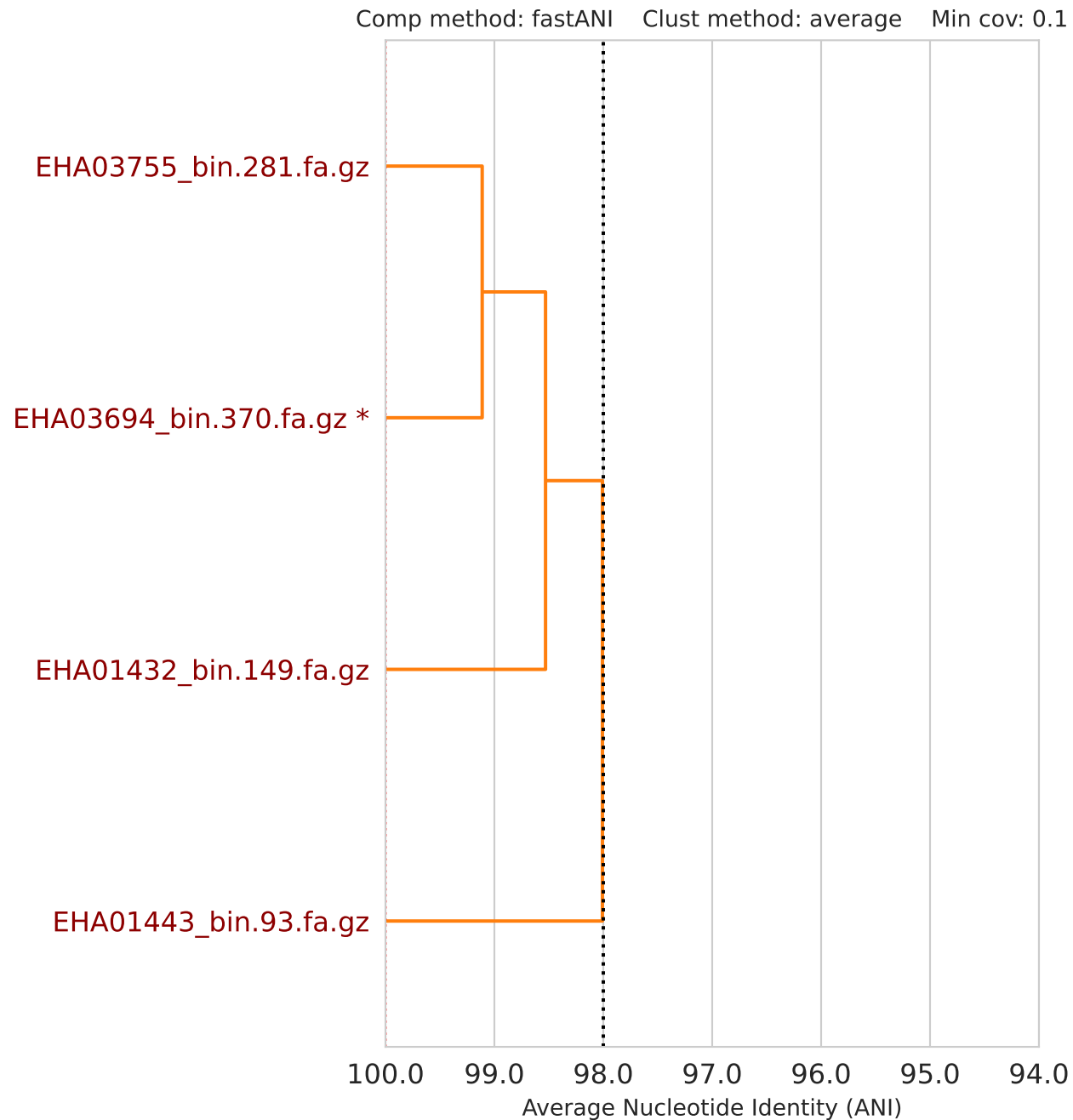
# Primary cluster 1094



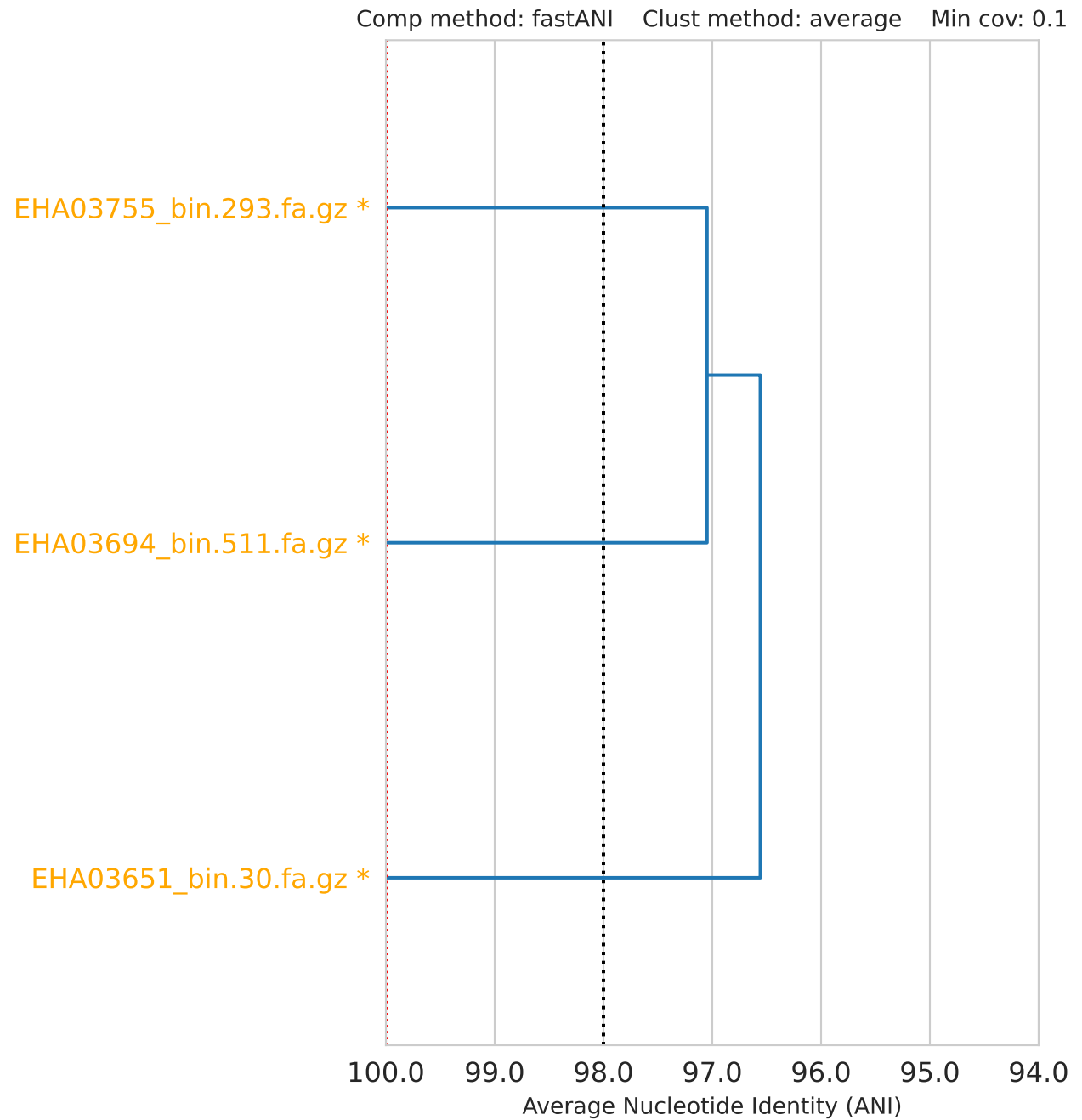
# Primary cluster 1097



# Primary cluster 1099

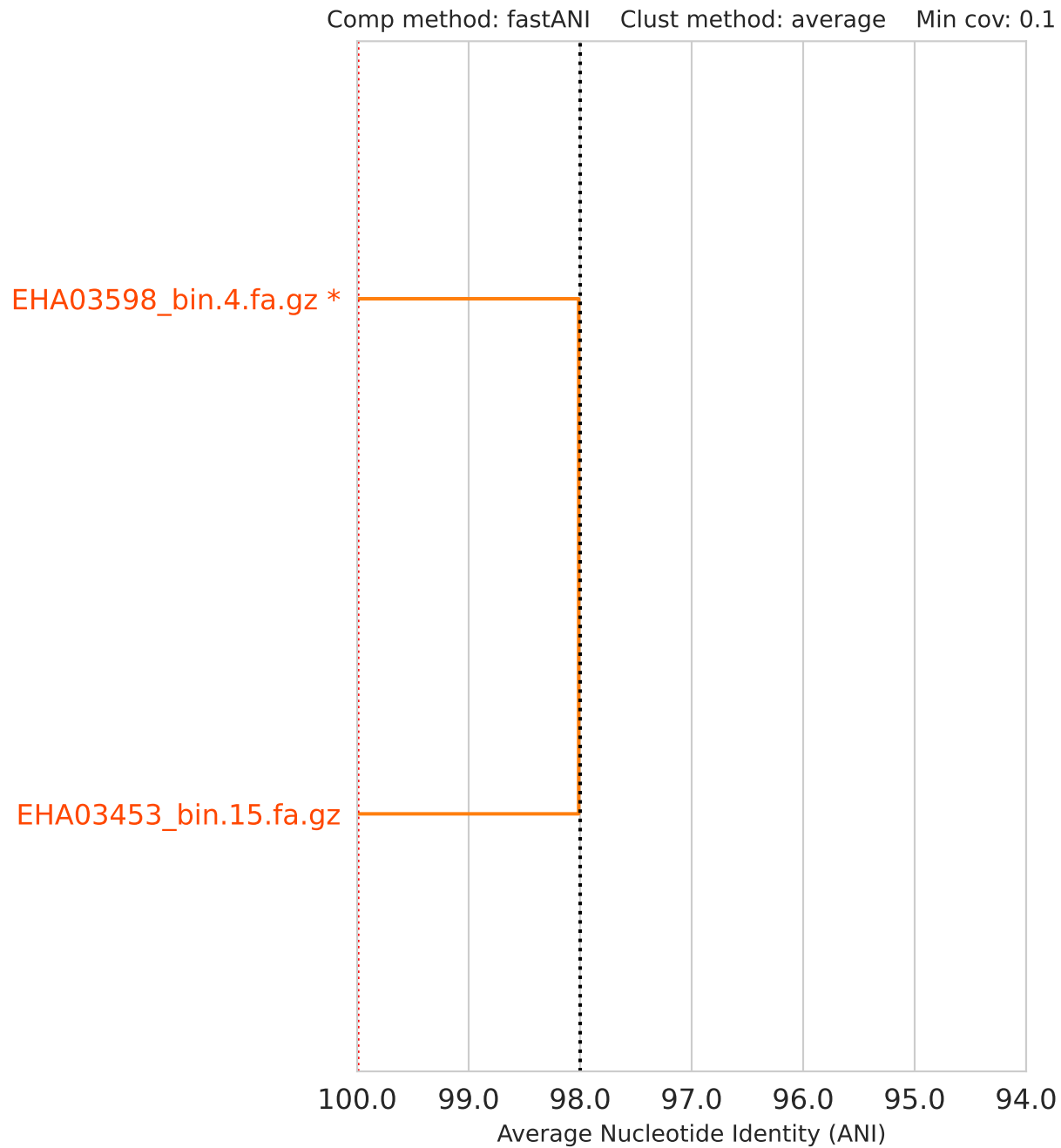


# Primary cluster 1100

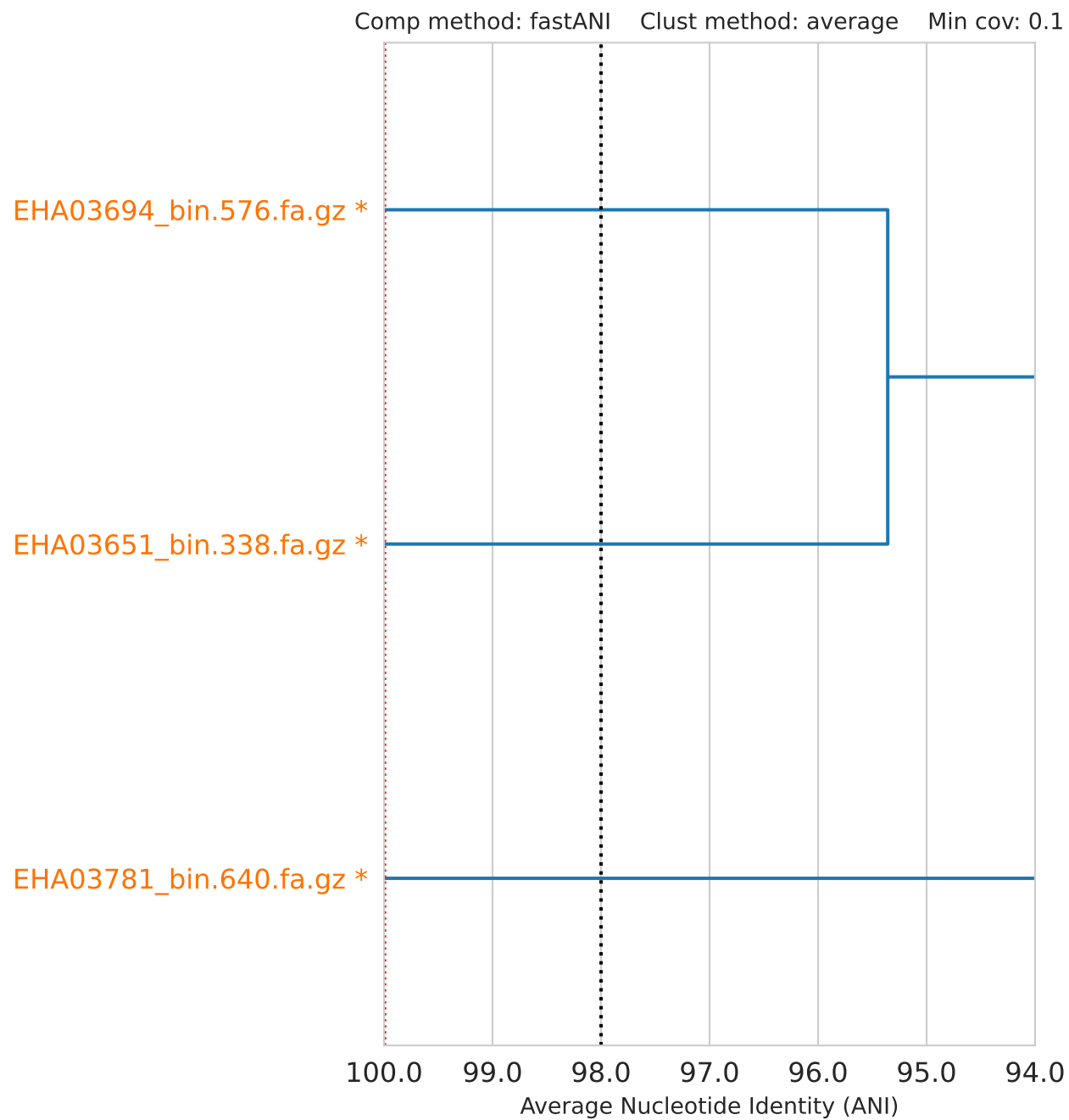




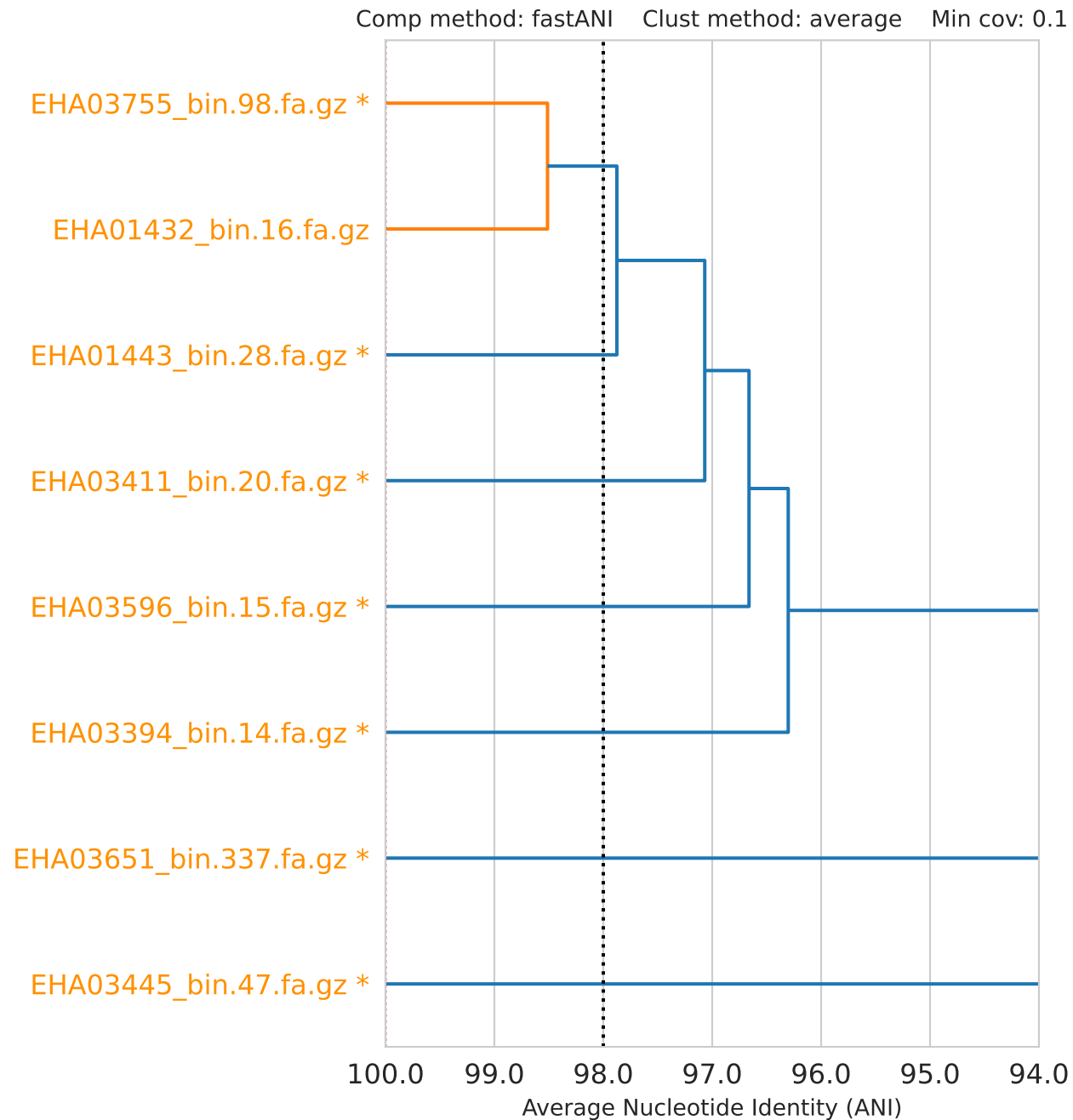
# Primary cluster 1101



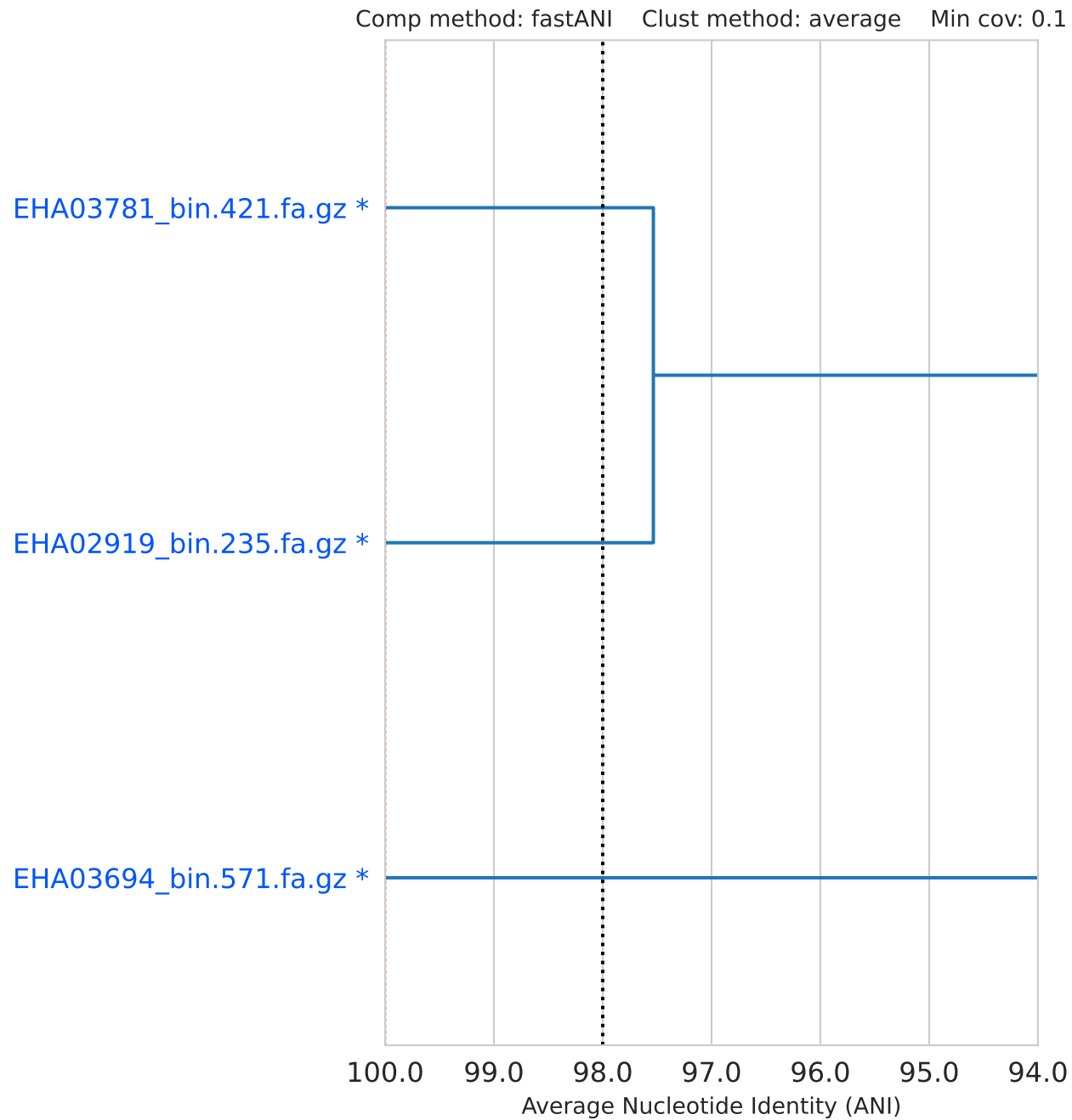
# Primary cluster 1102



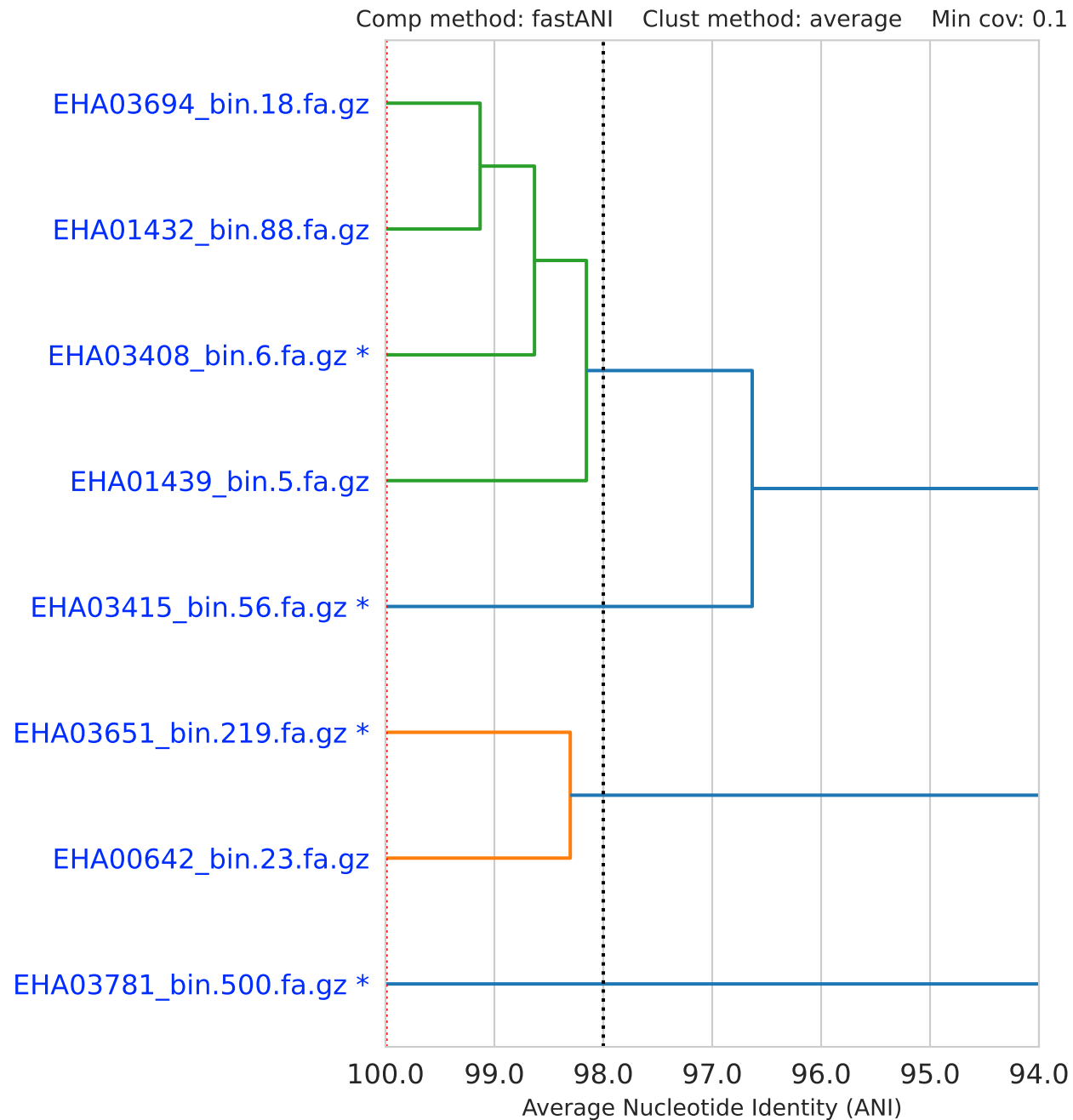
# Primary cluster 1103



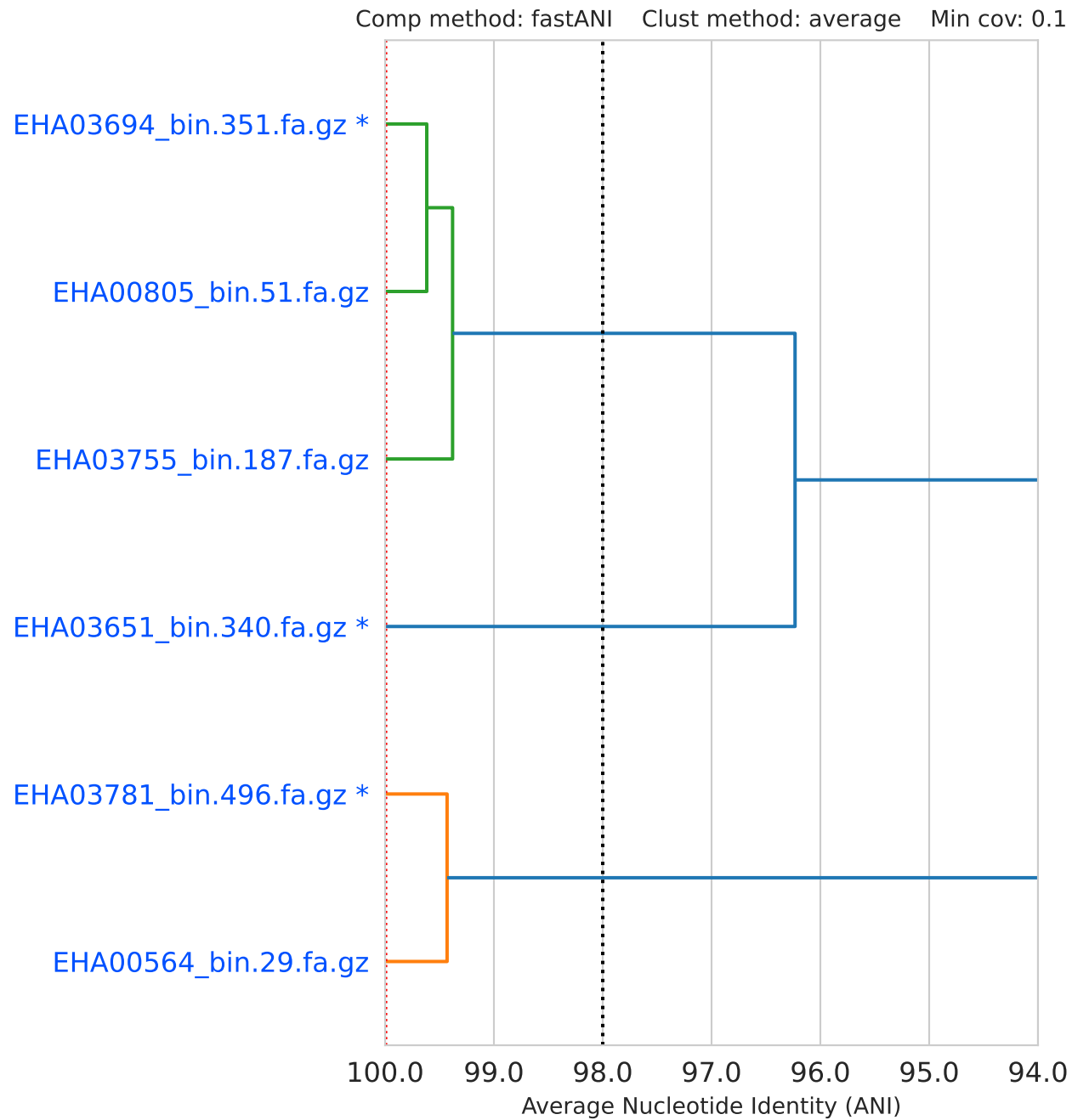
# Primary cluster 1104



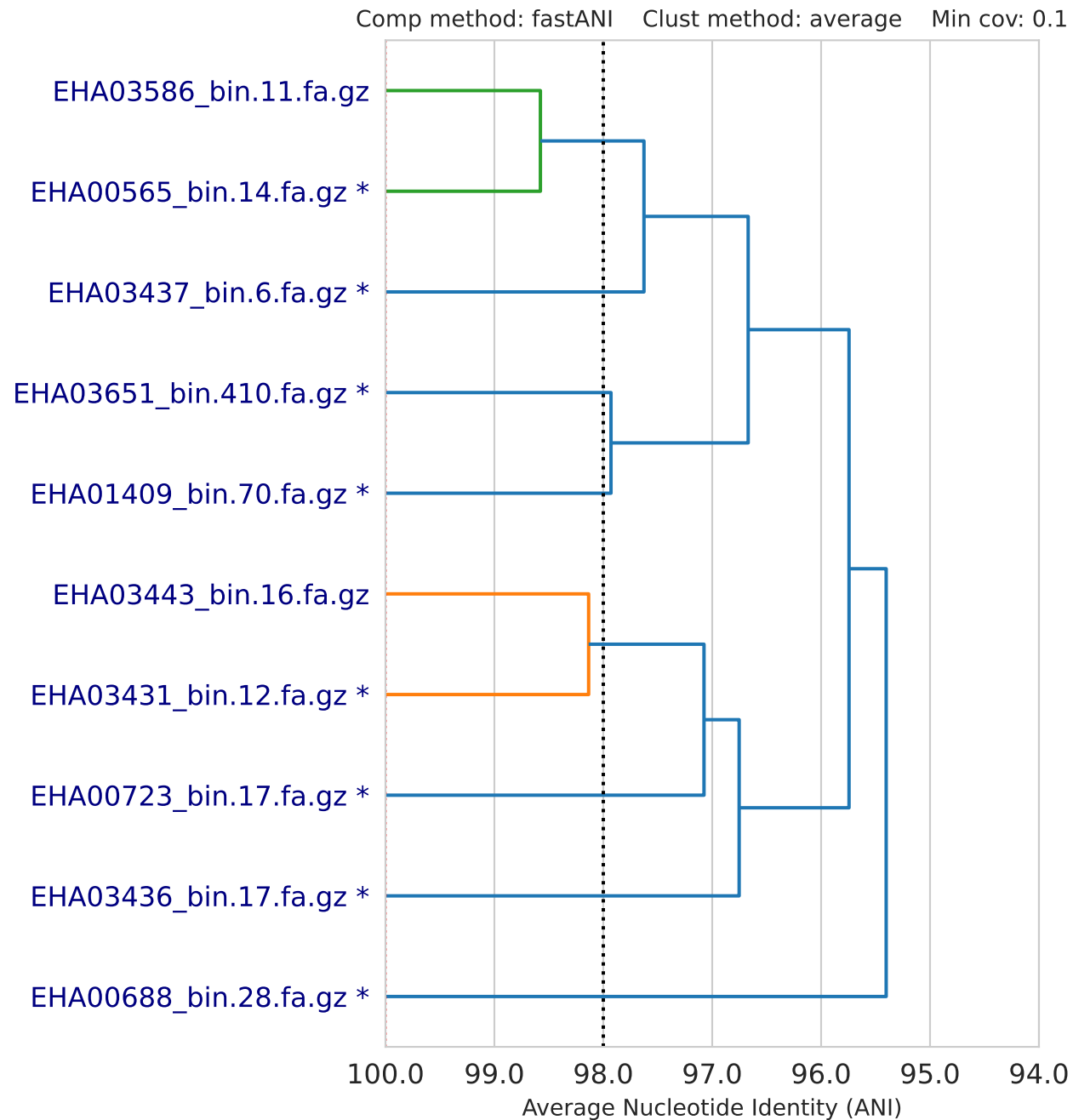
# Primary cluster 1106



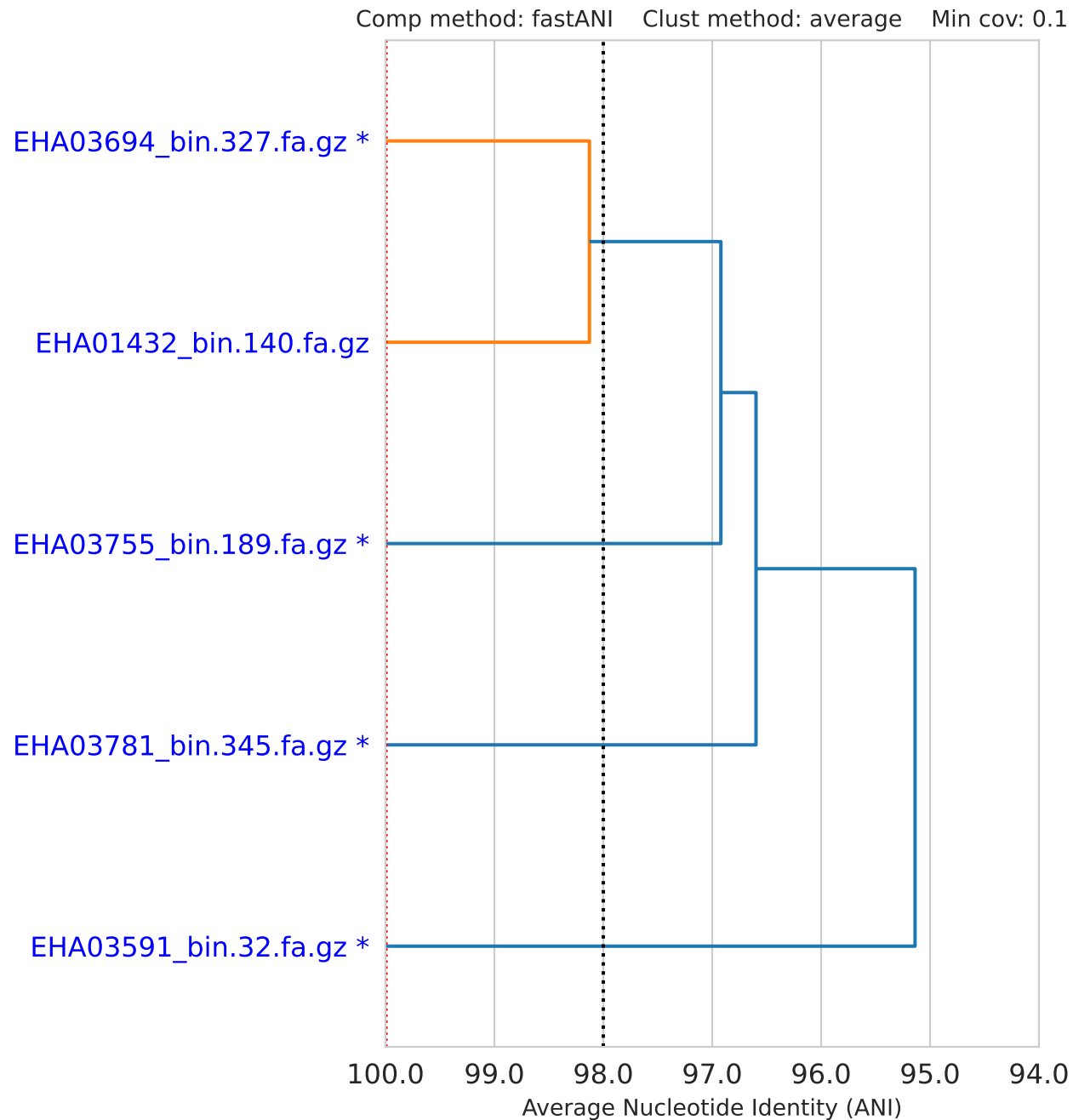
# Primary cluster 1109



# Primary cluster 1112

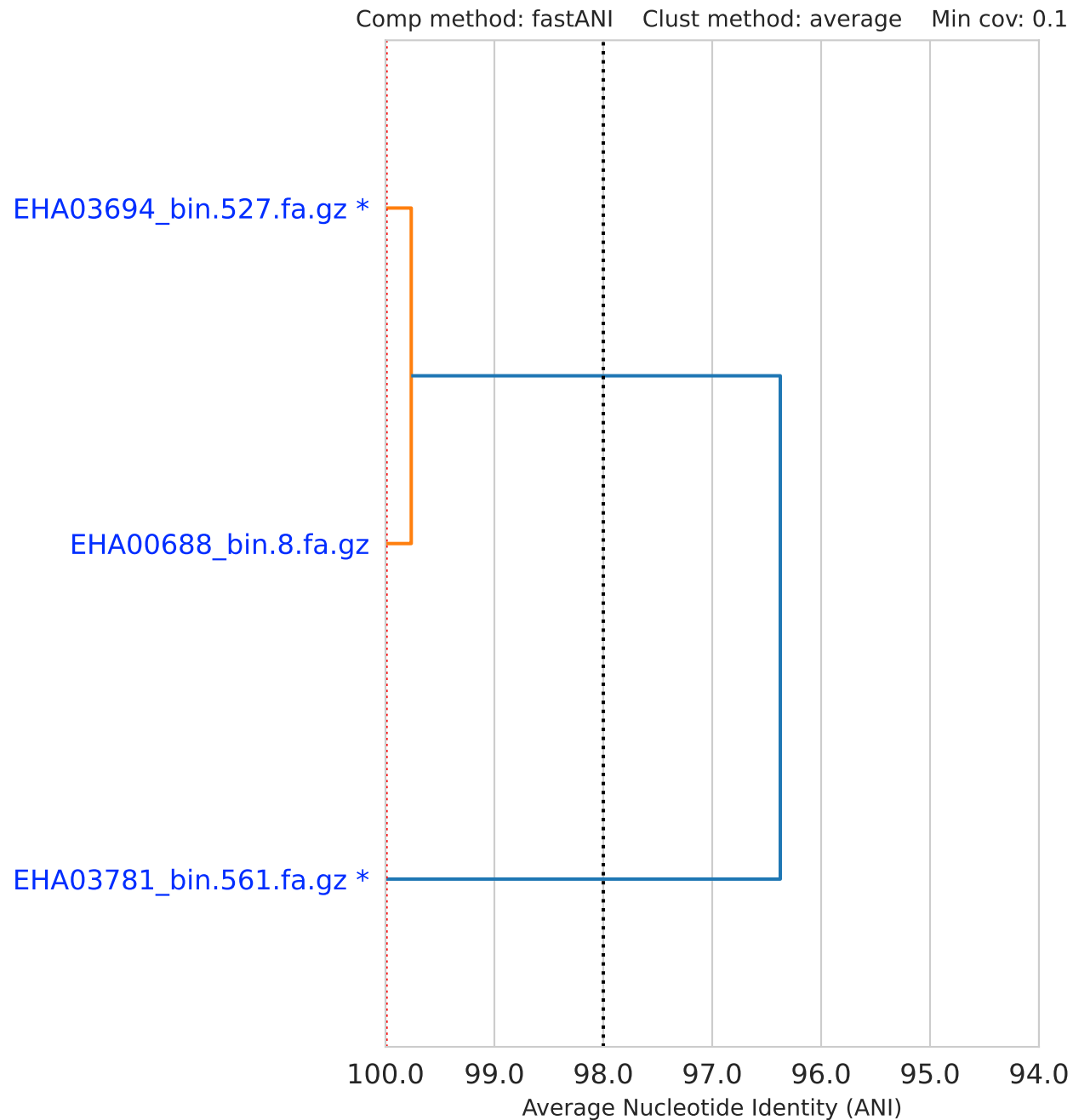


# Primary cluster 1116

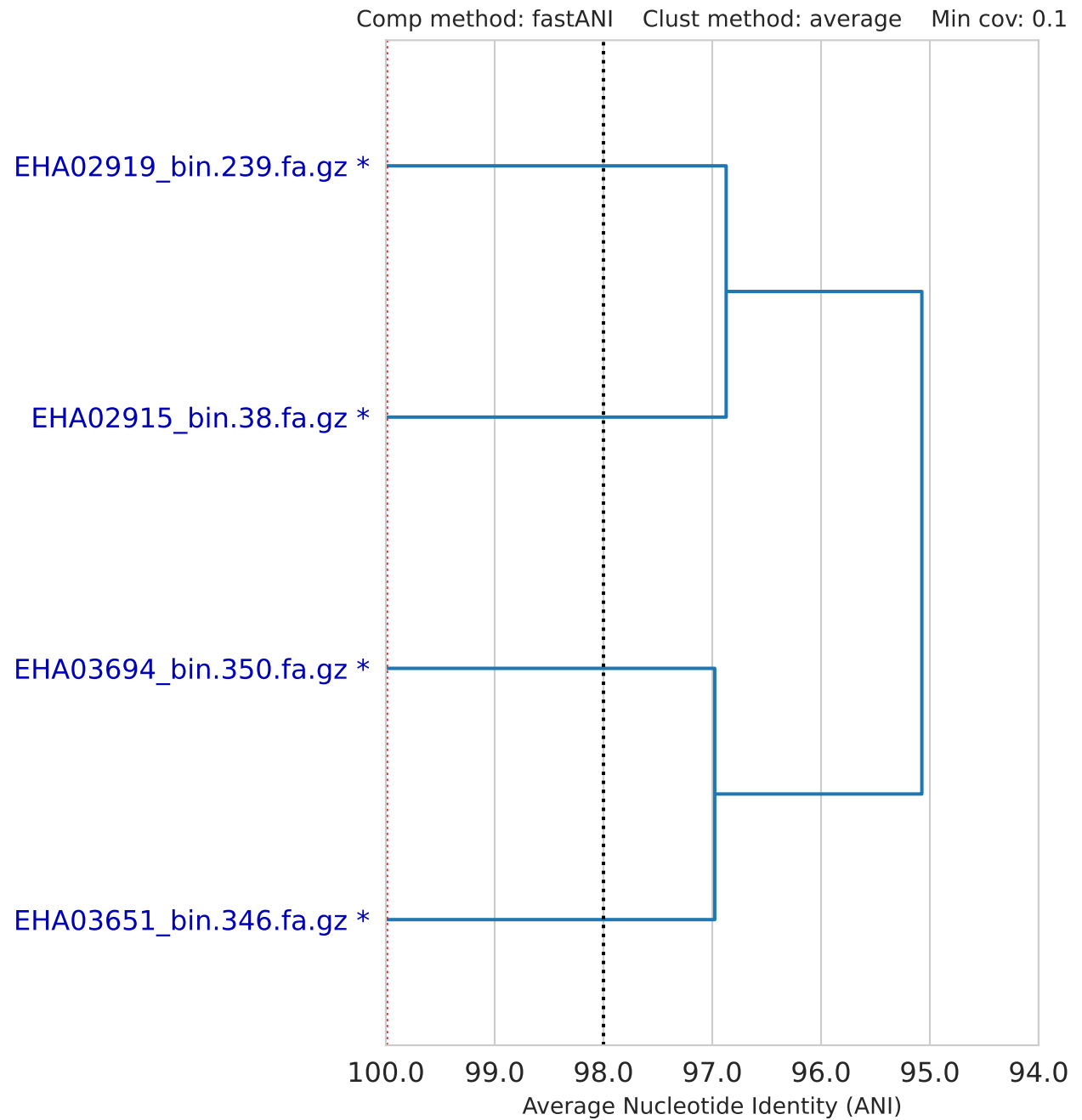




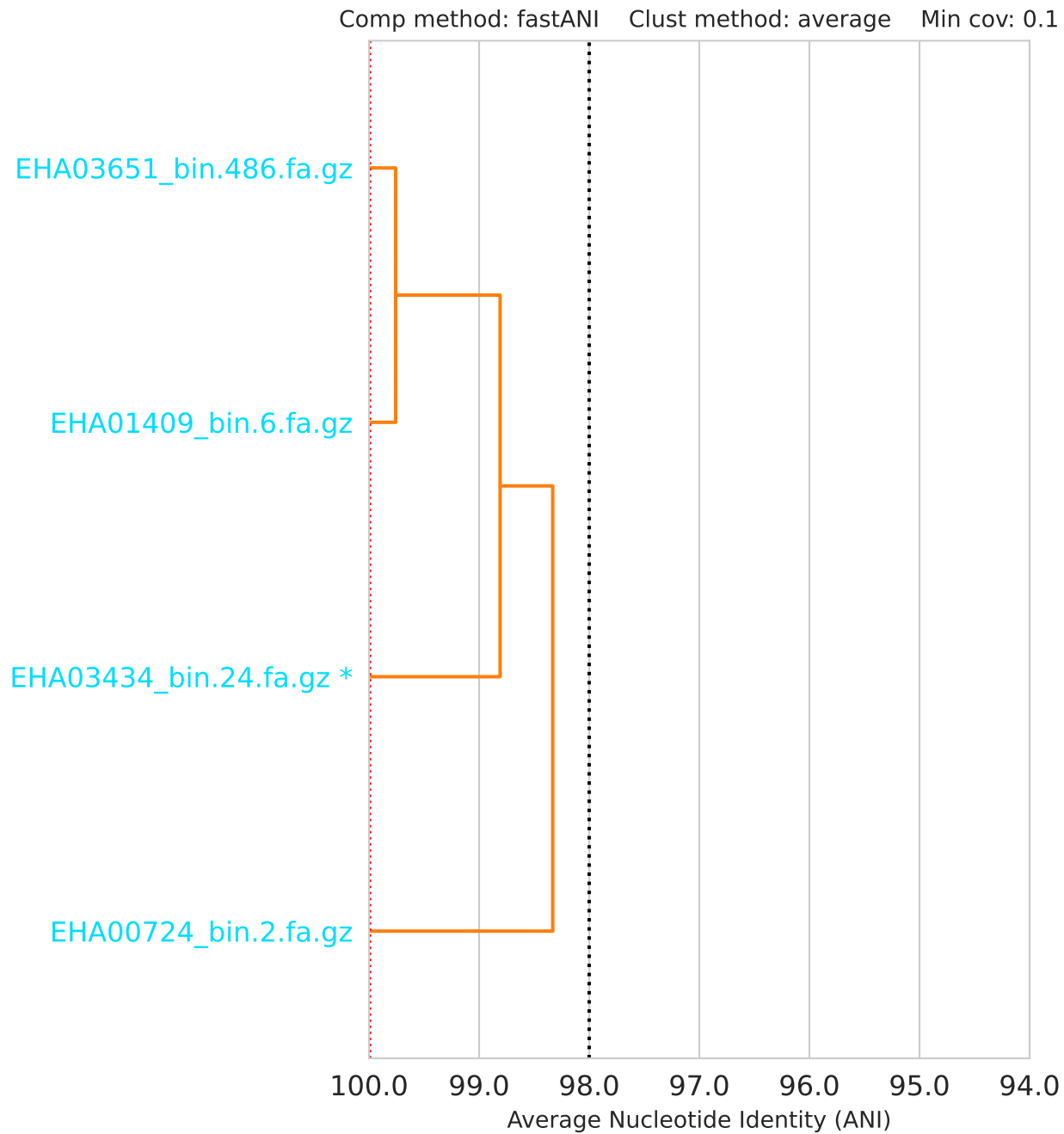
# Primary cluster 1117



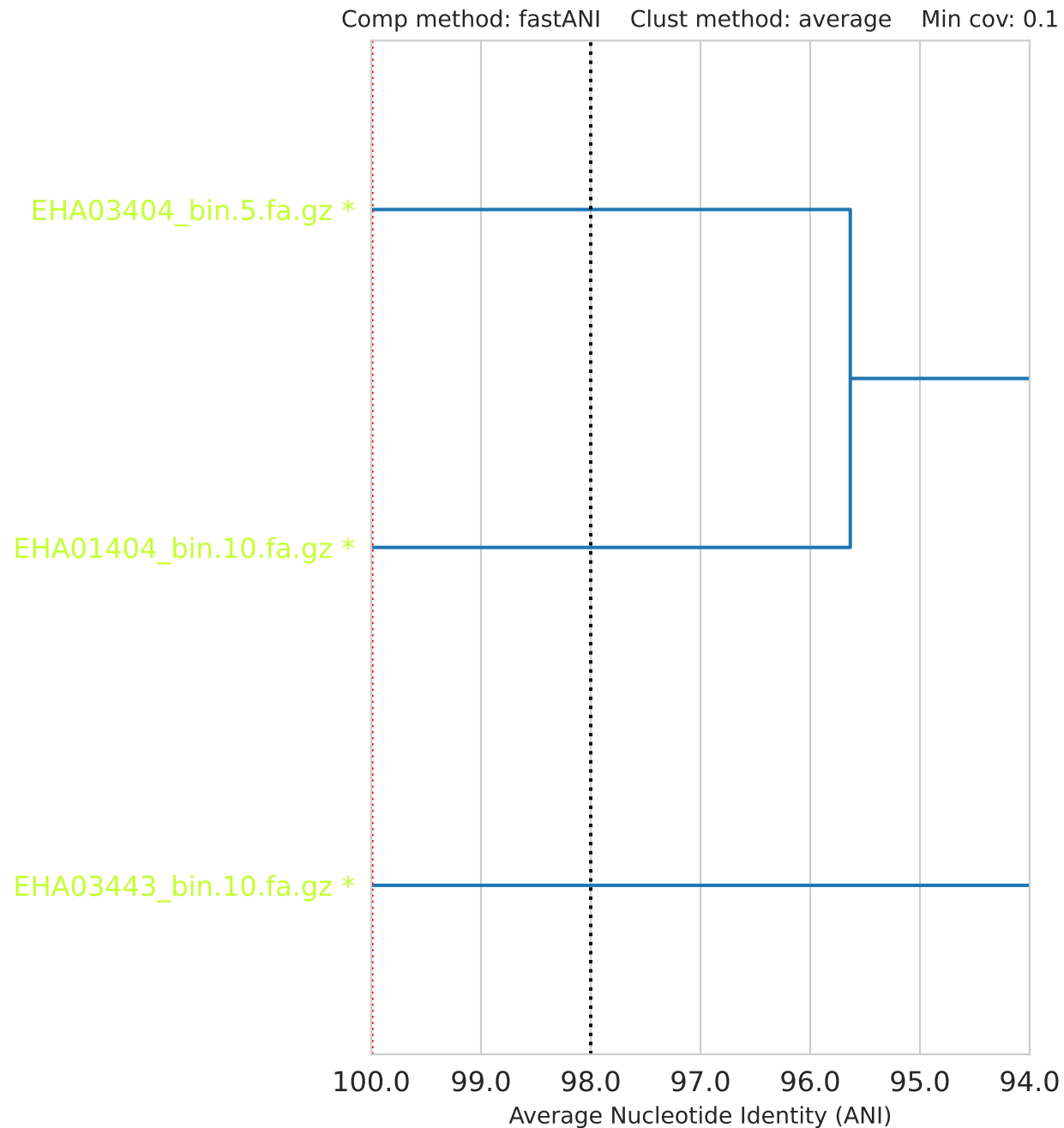
# Primary cluster 1118



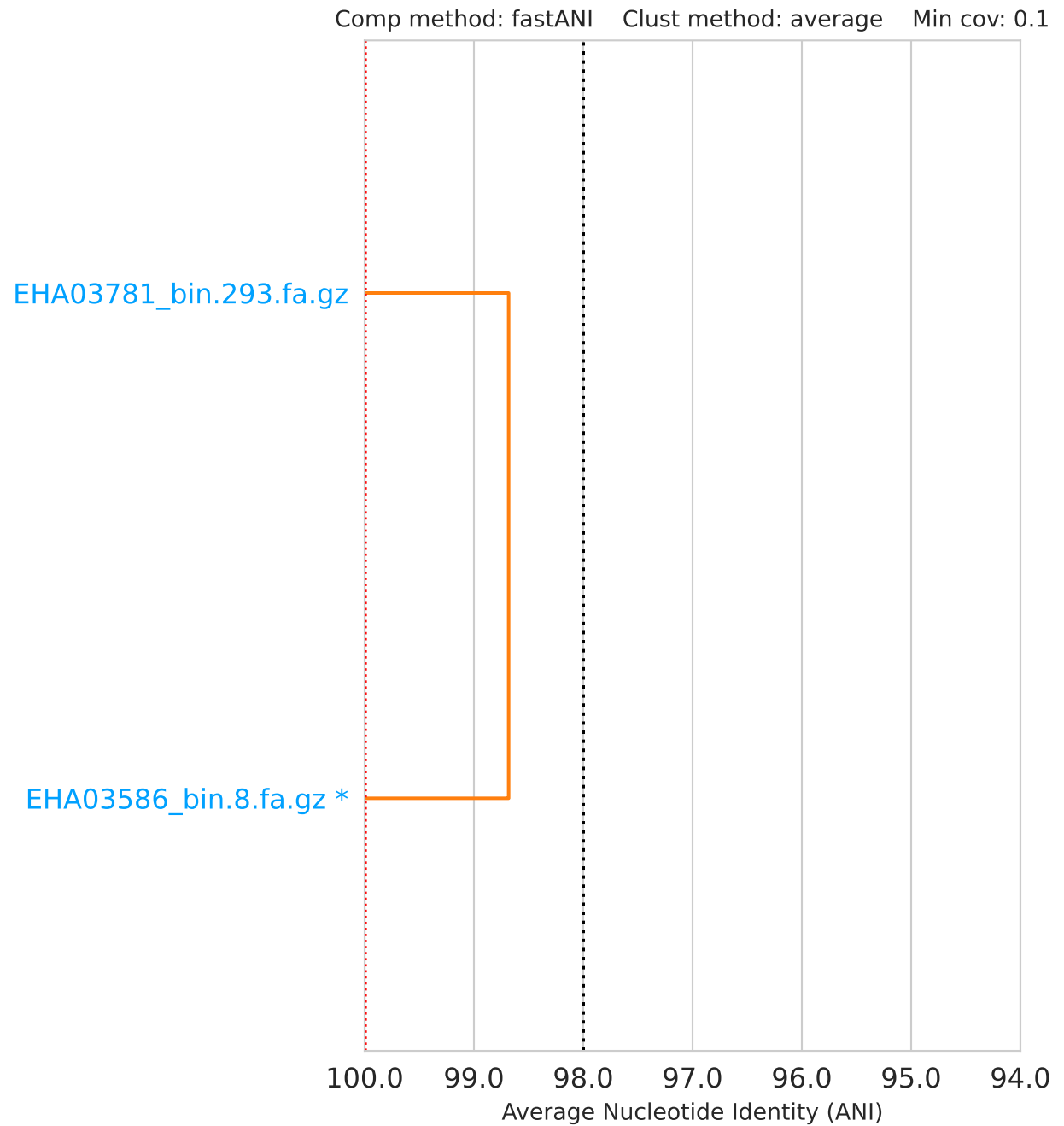
# Primary cluster 1119



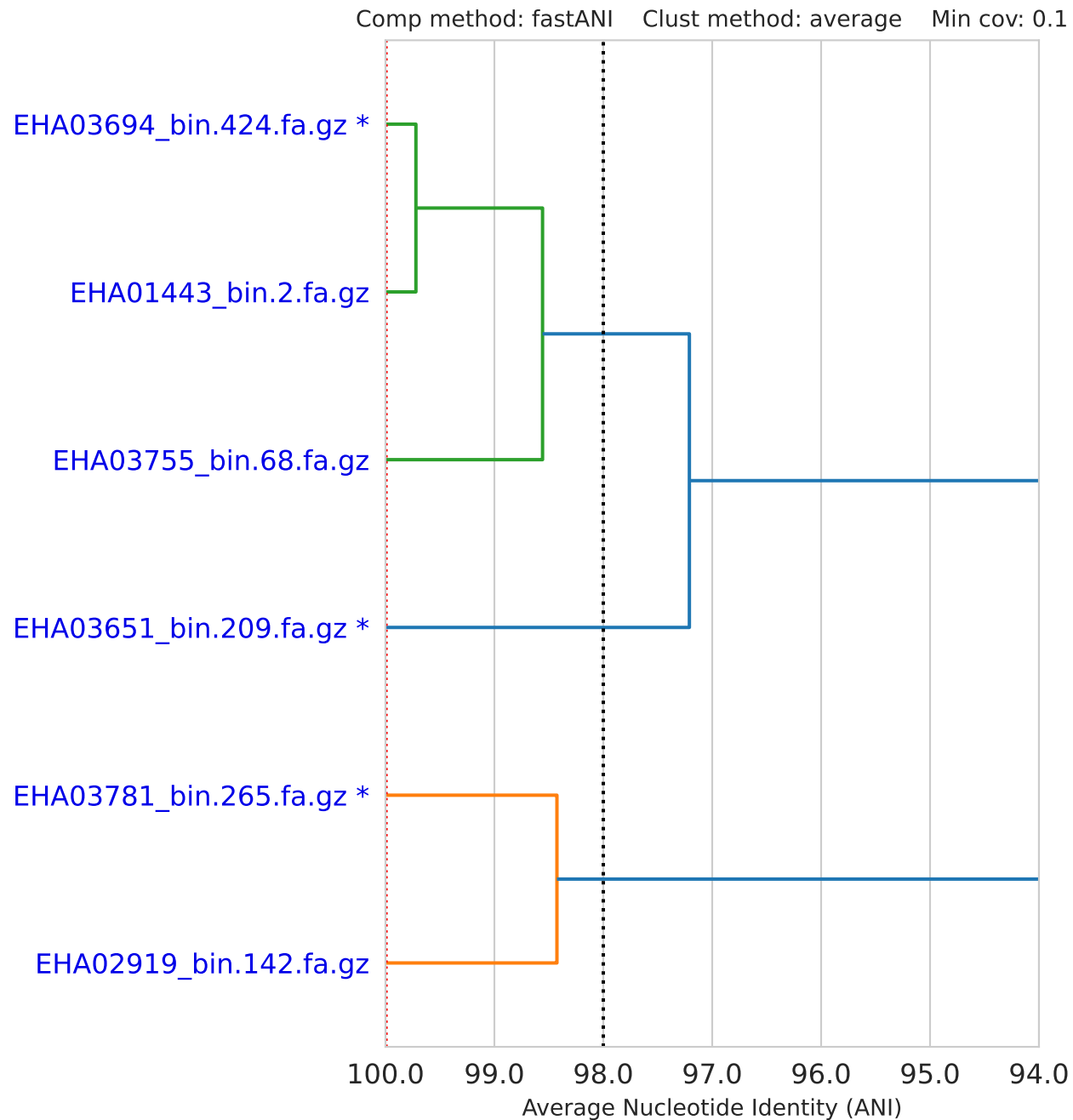
# Primary cluster 1120



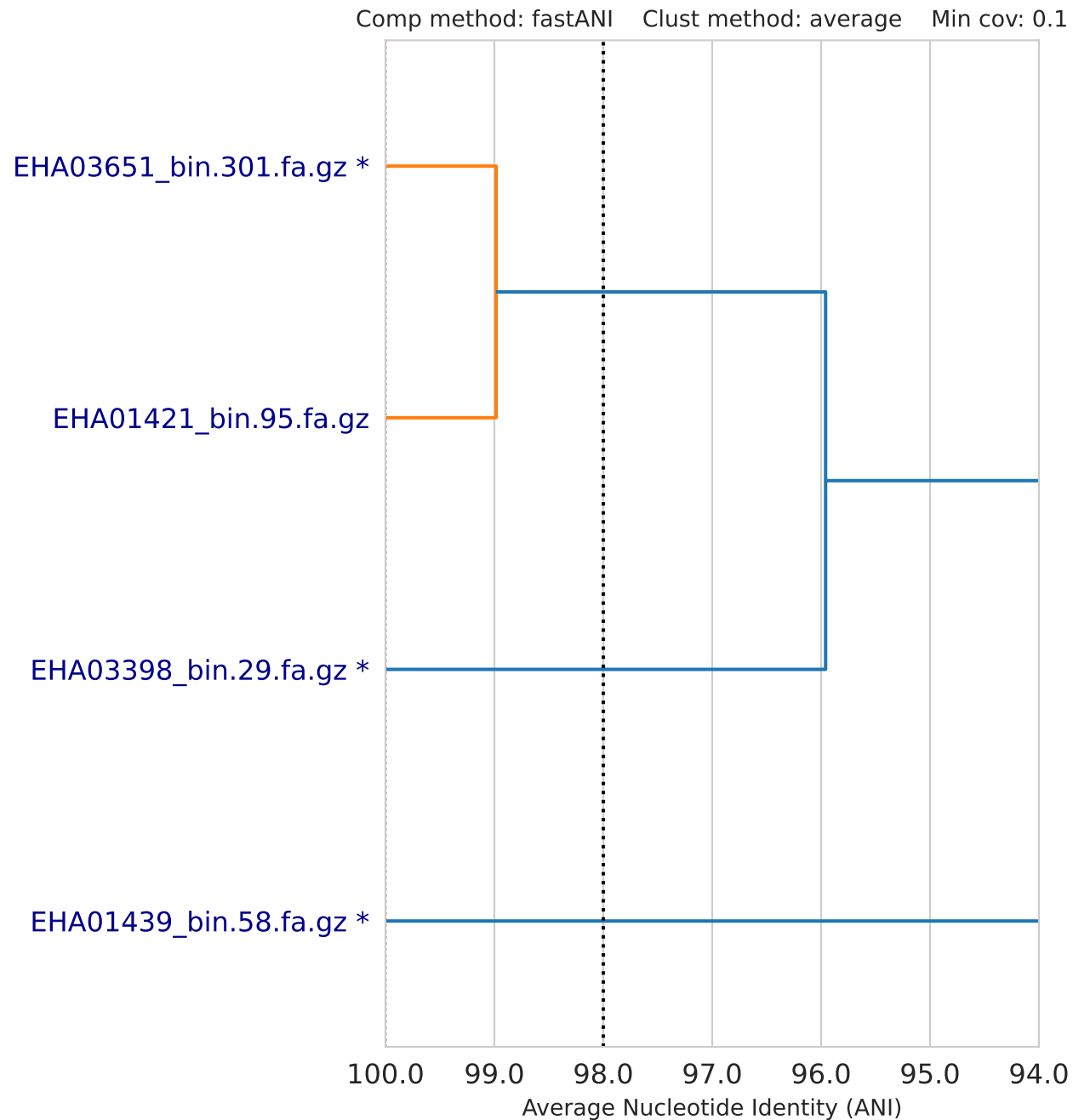
# Primary cluster 1121



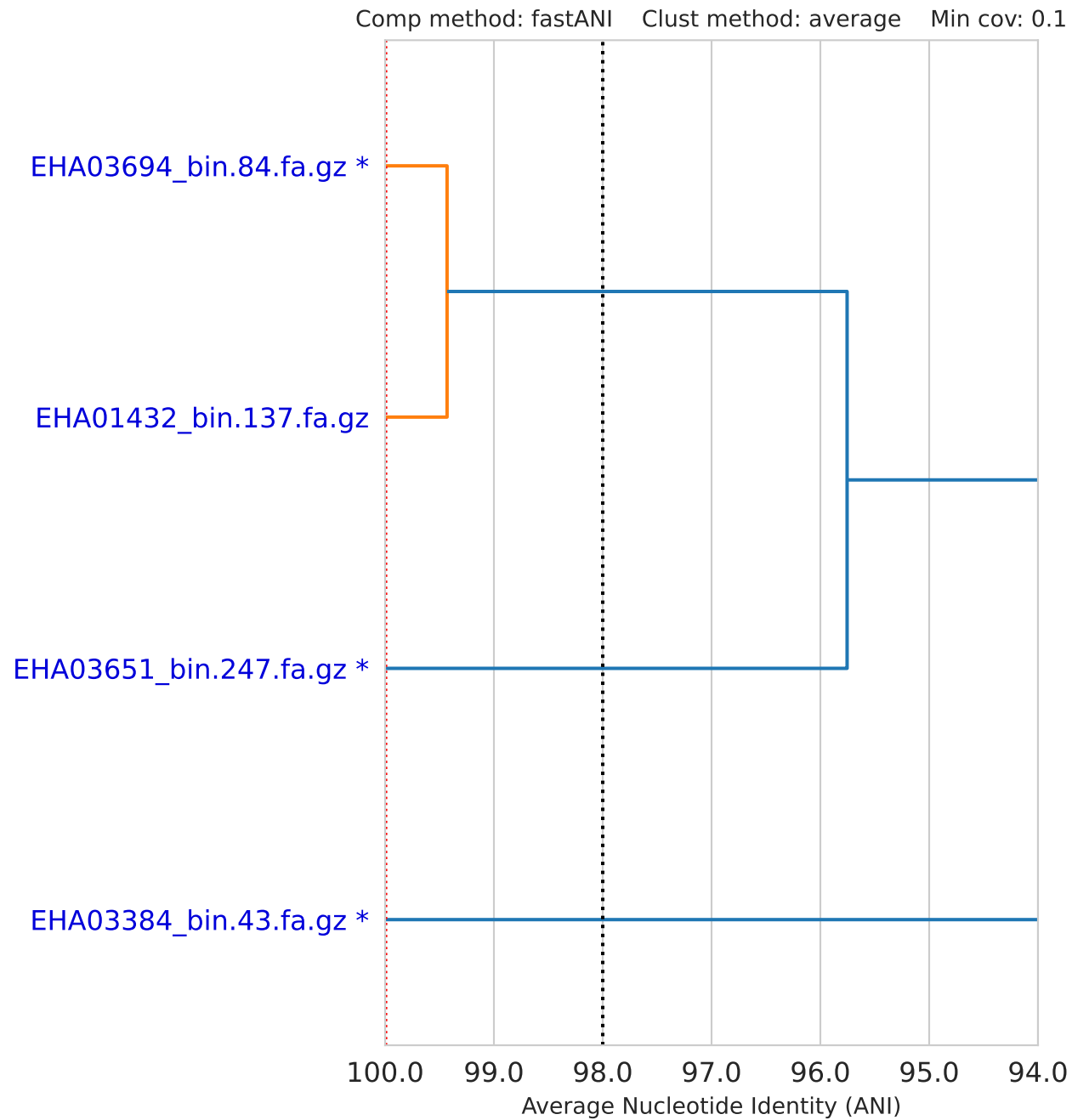
# Primary cluster 1122



# Primary cluster 1124

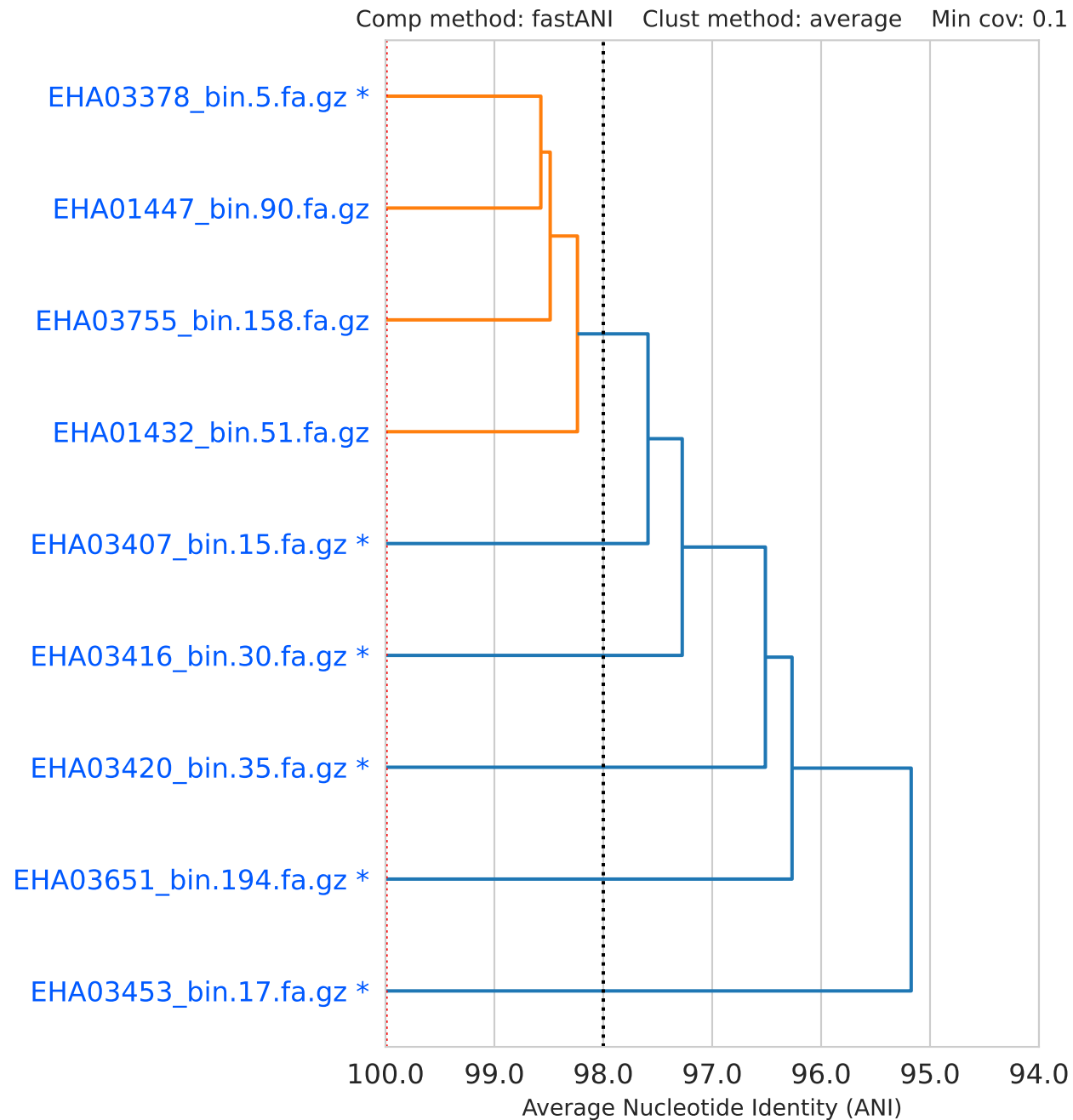


# Primary cluster 1127

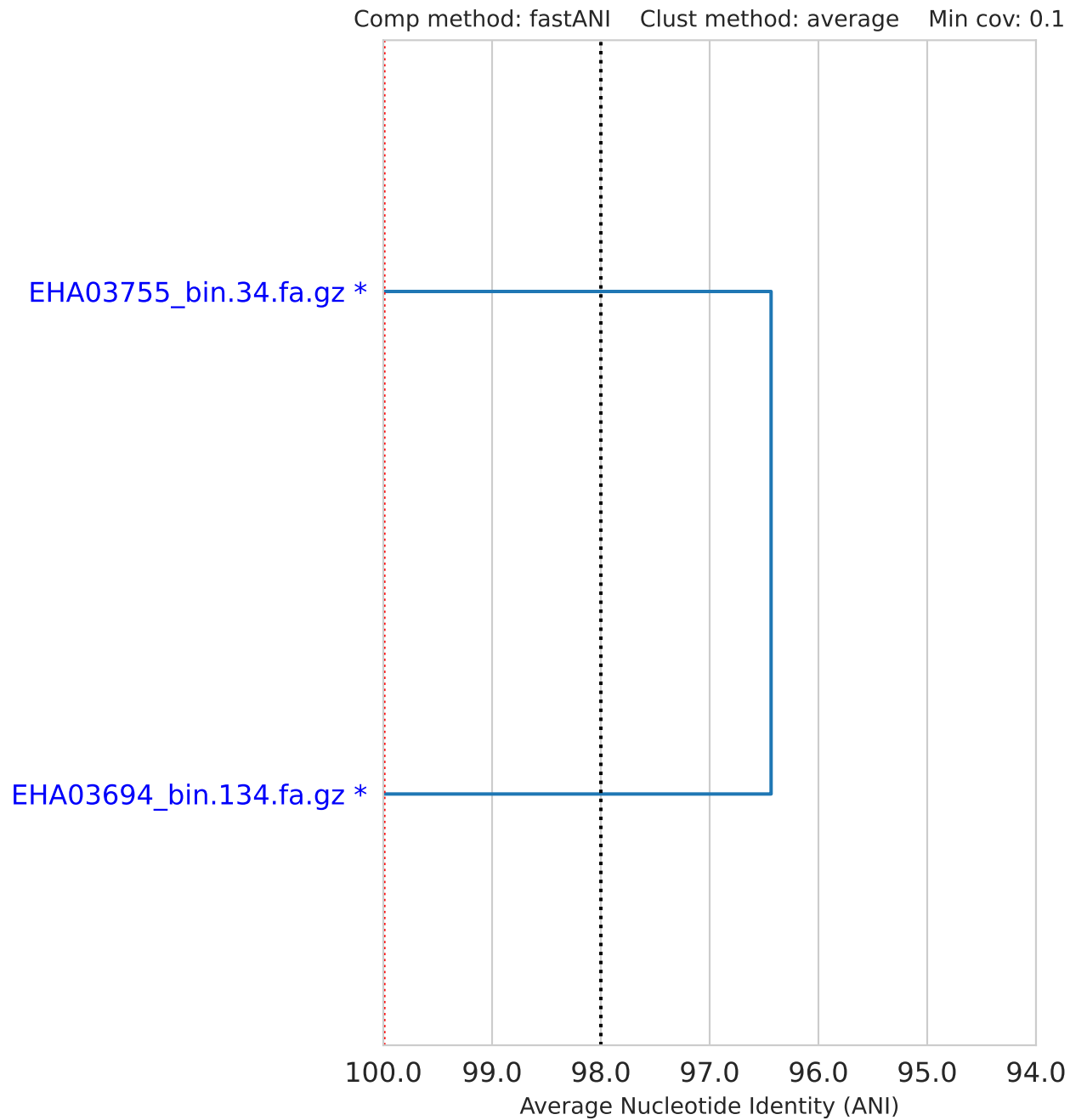




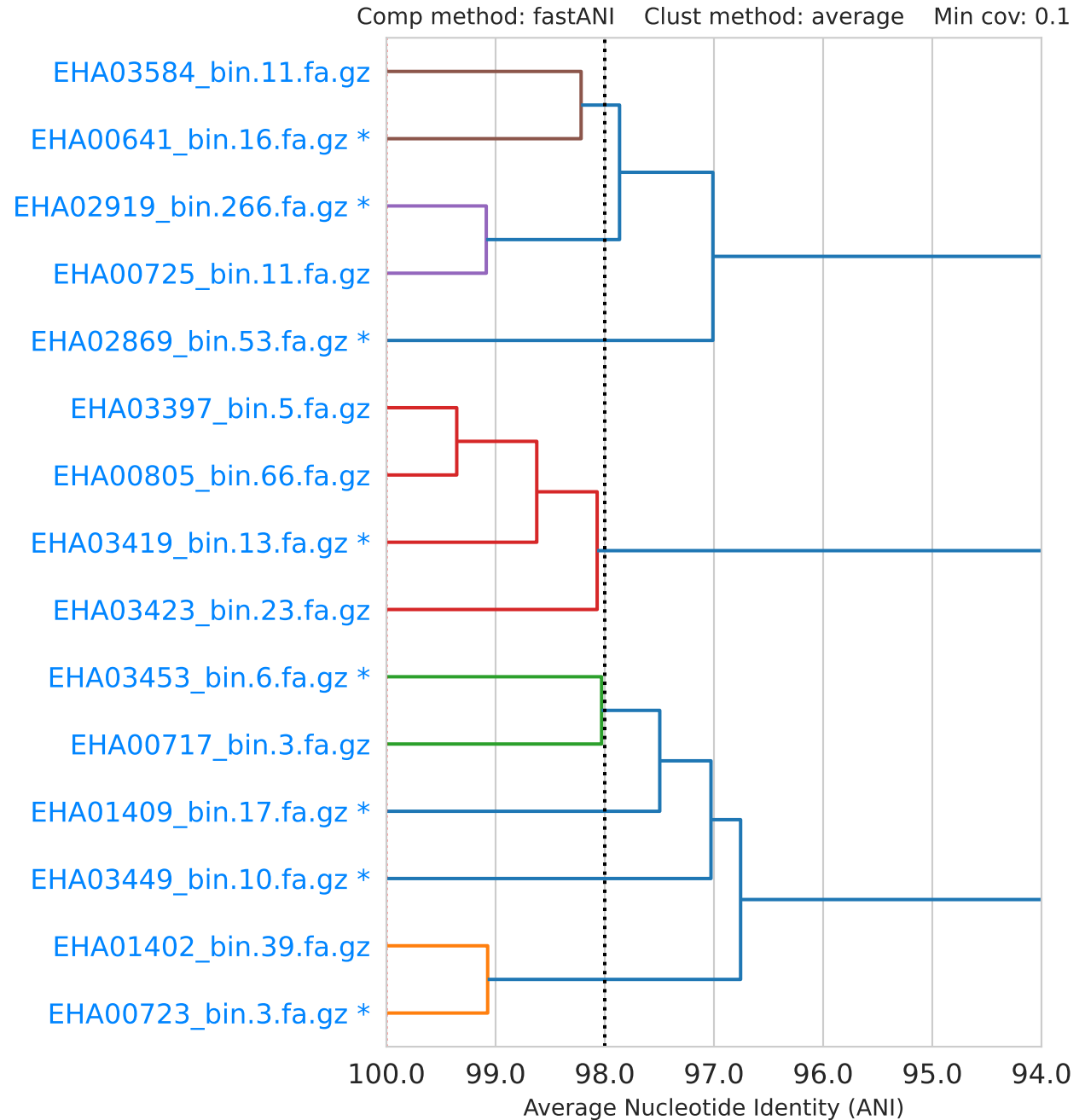
# Primary cluster 1129



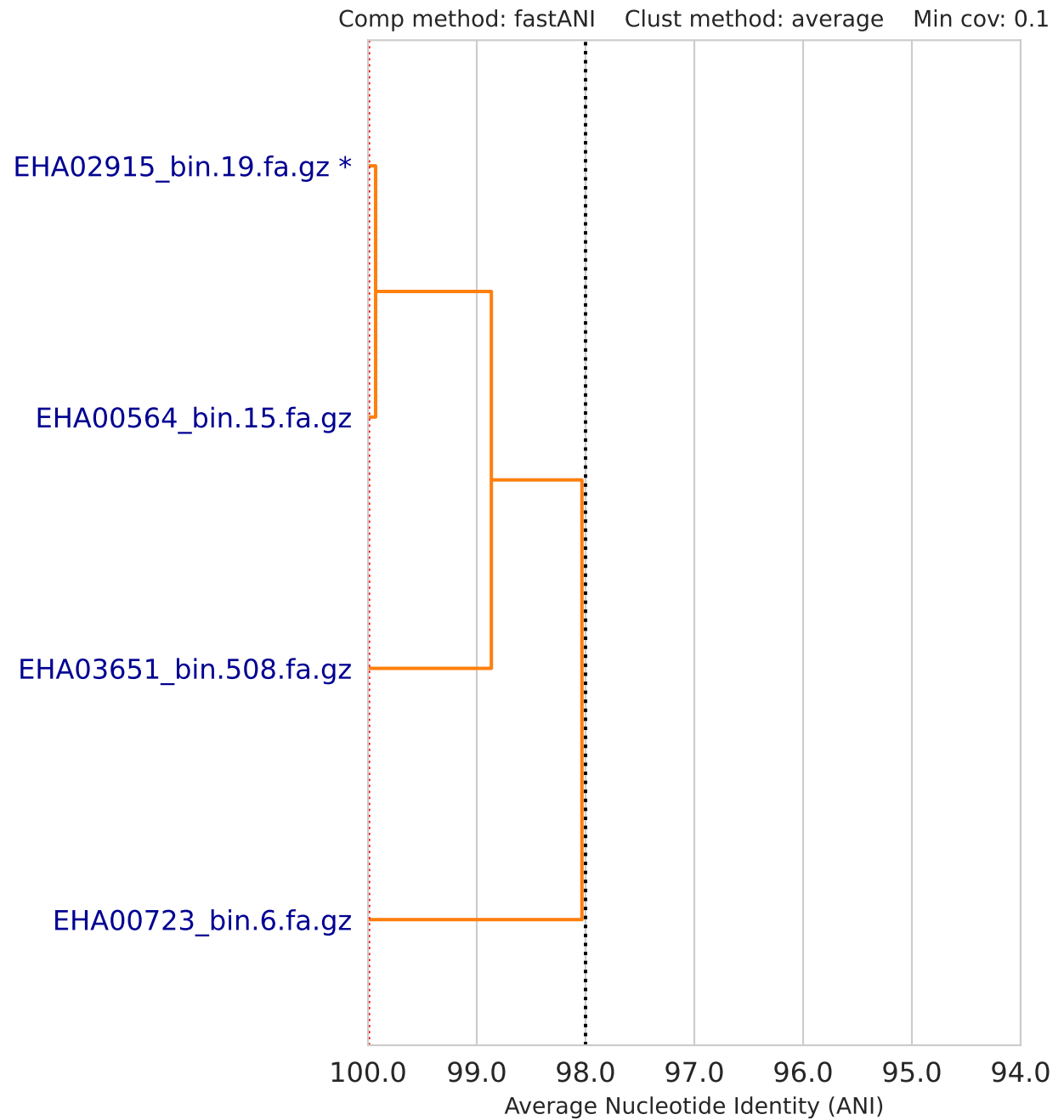
# Primary cluster 1131



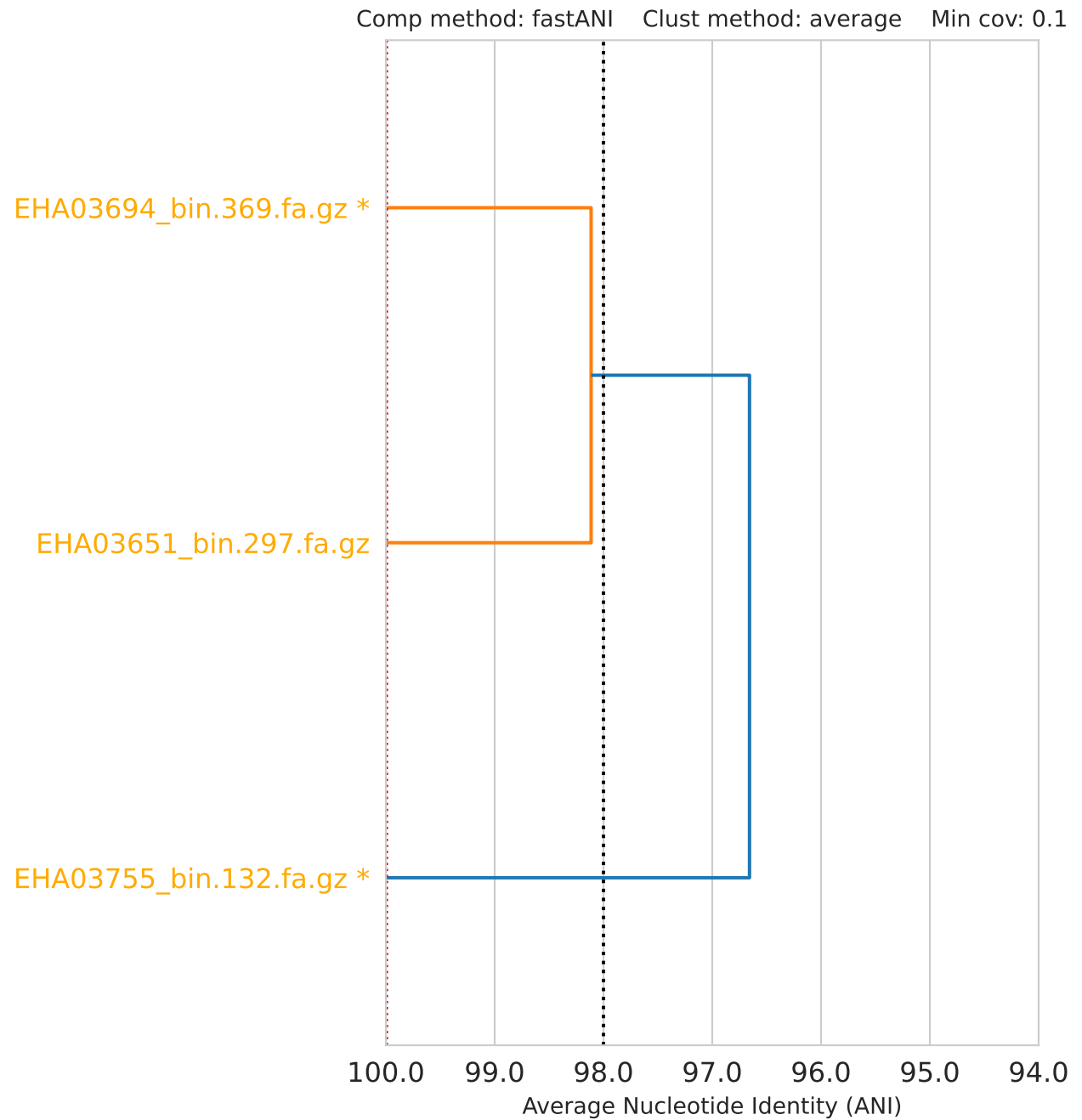
# Primary cluster 1132



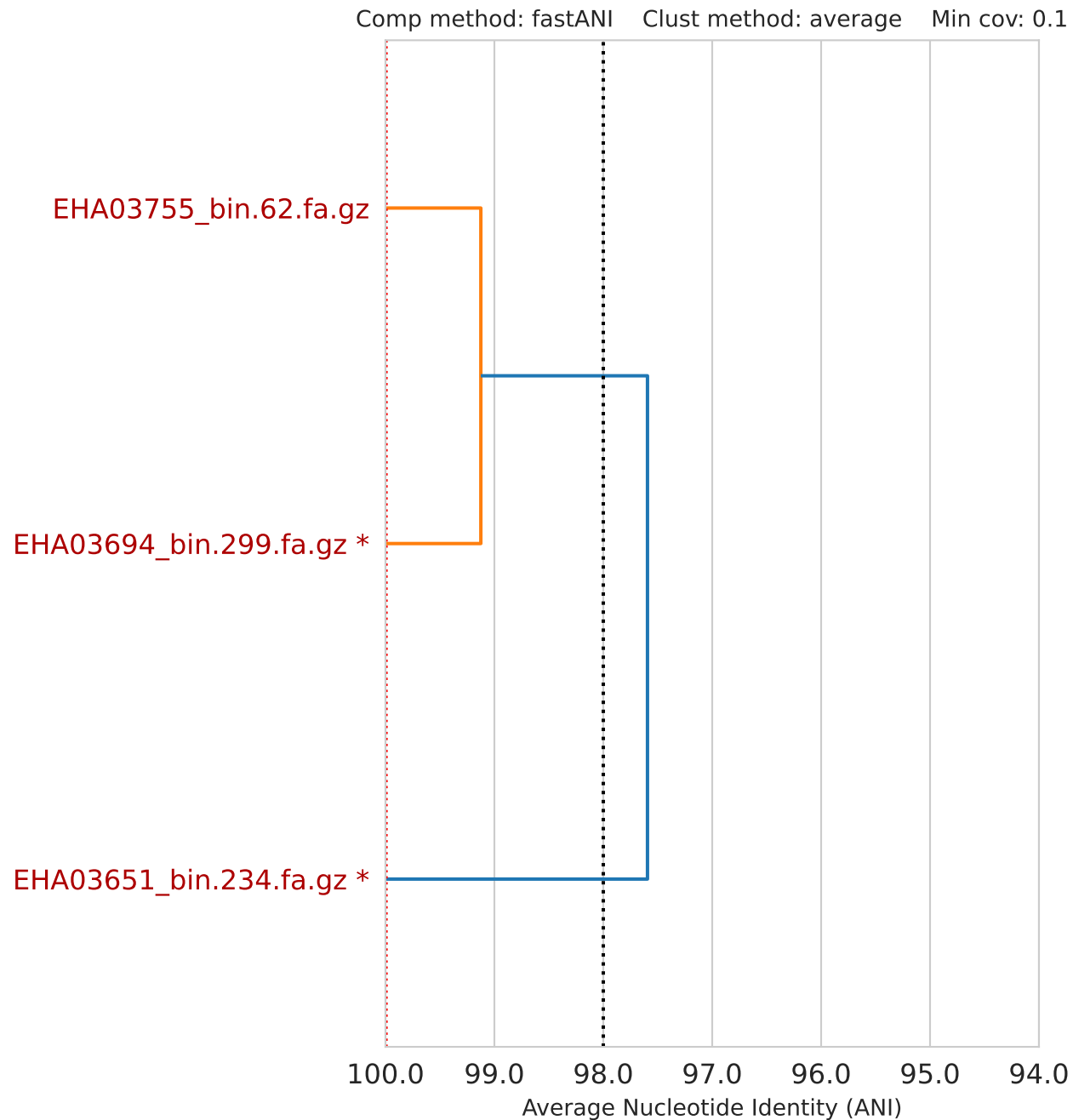
# Primary cluster 1133



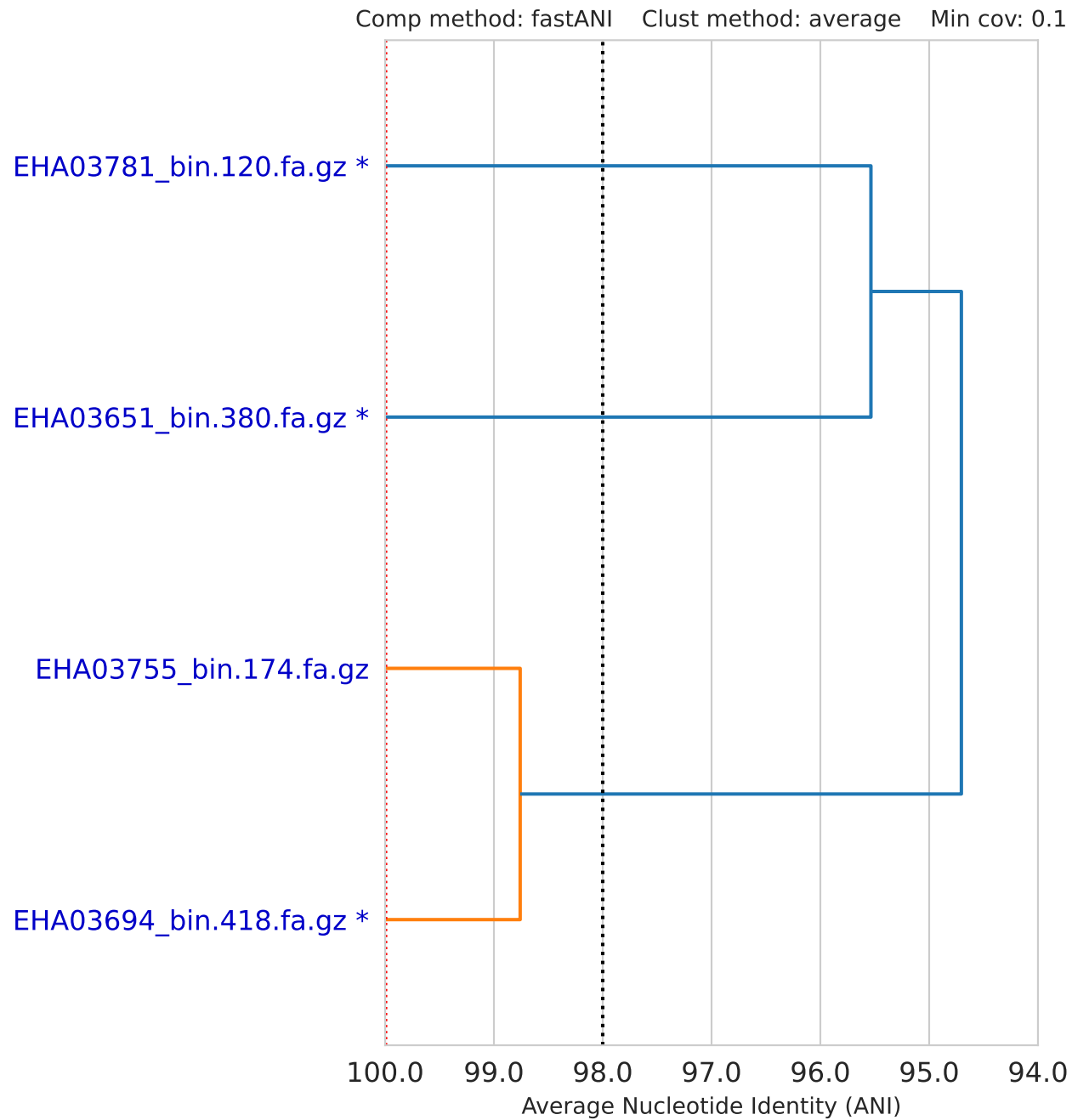
# Primary cluster 1134



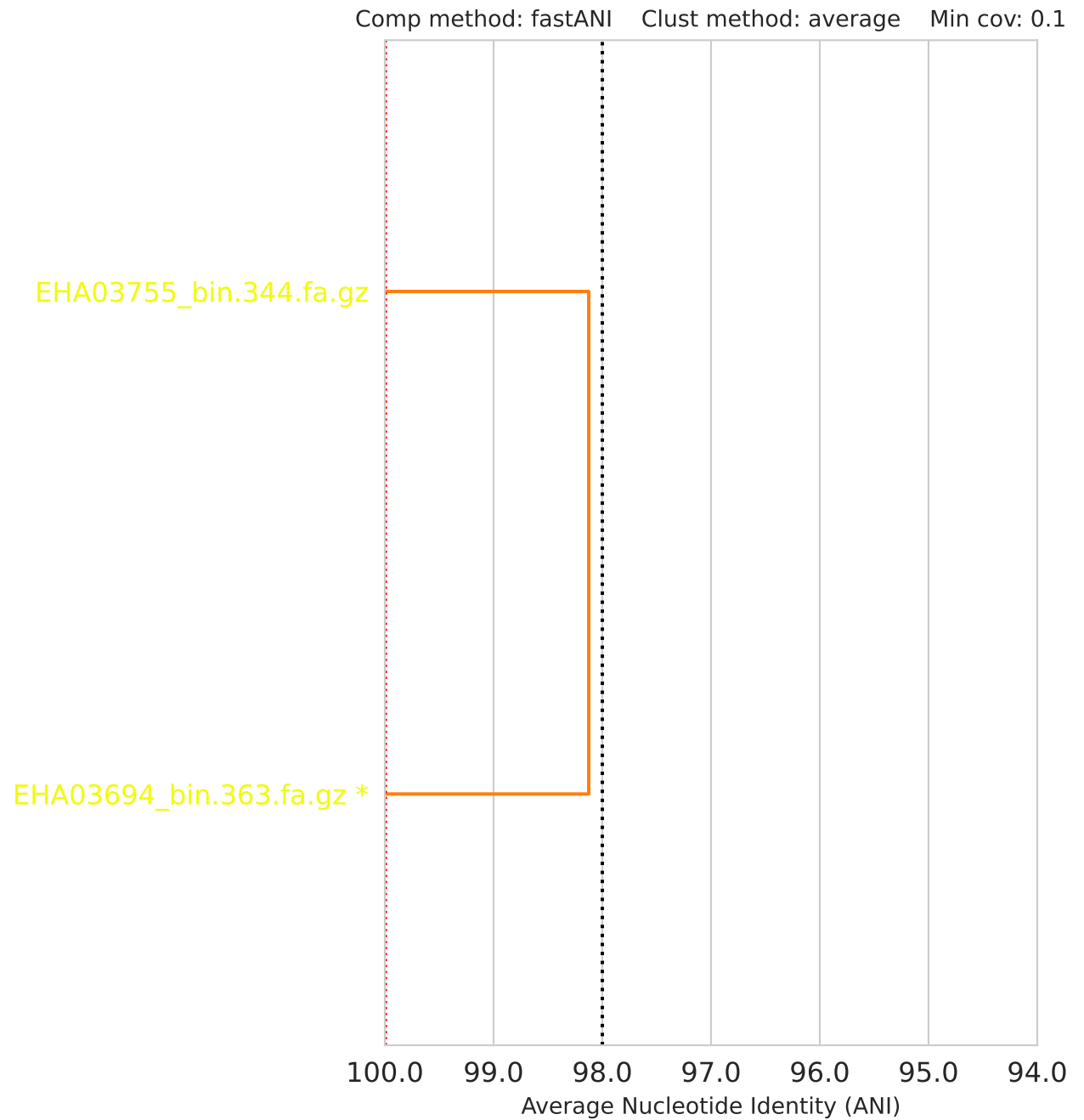
# Primary cluster 1135



# Primary cluster 1137

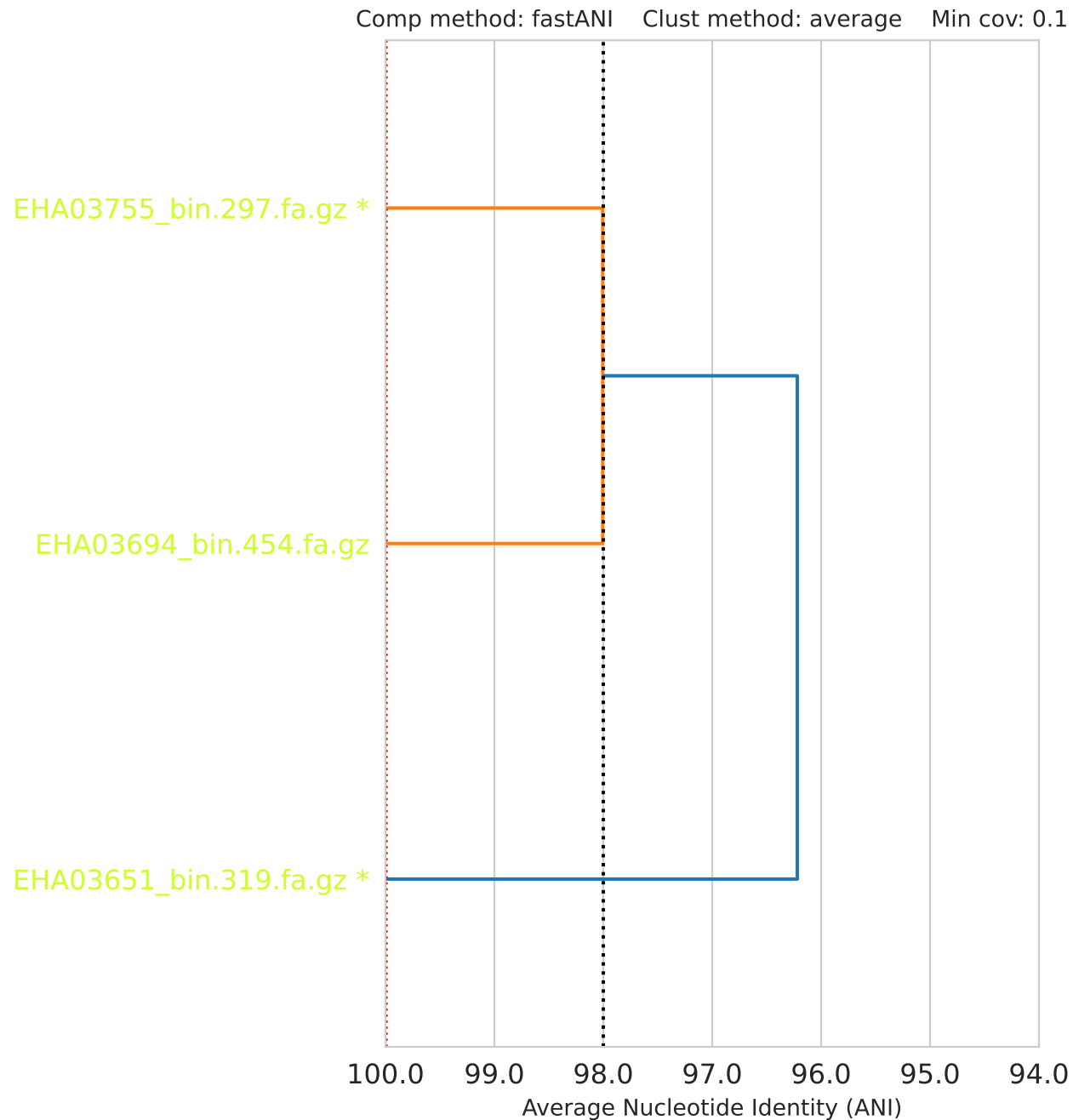


# Primary cluster 1139

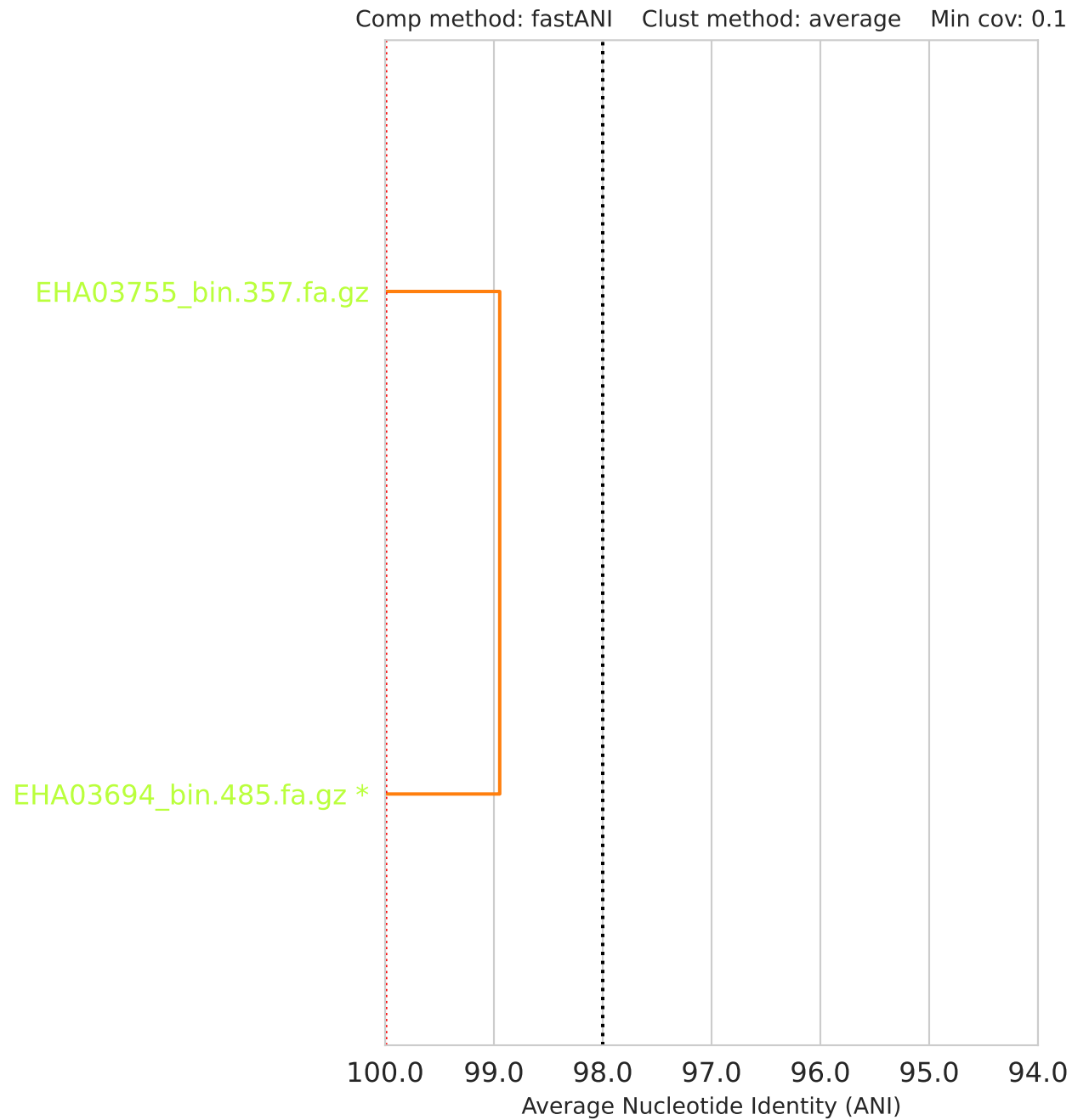




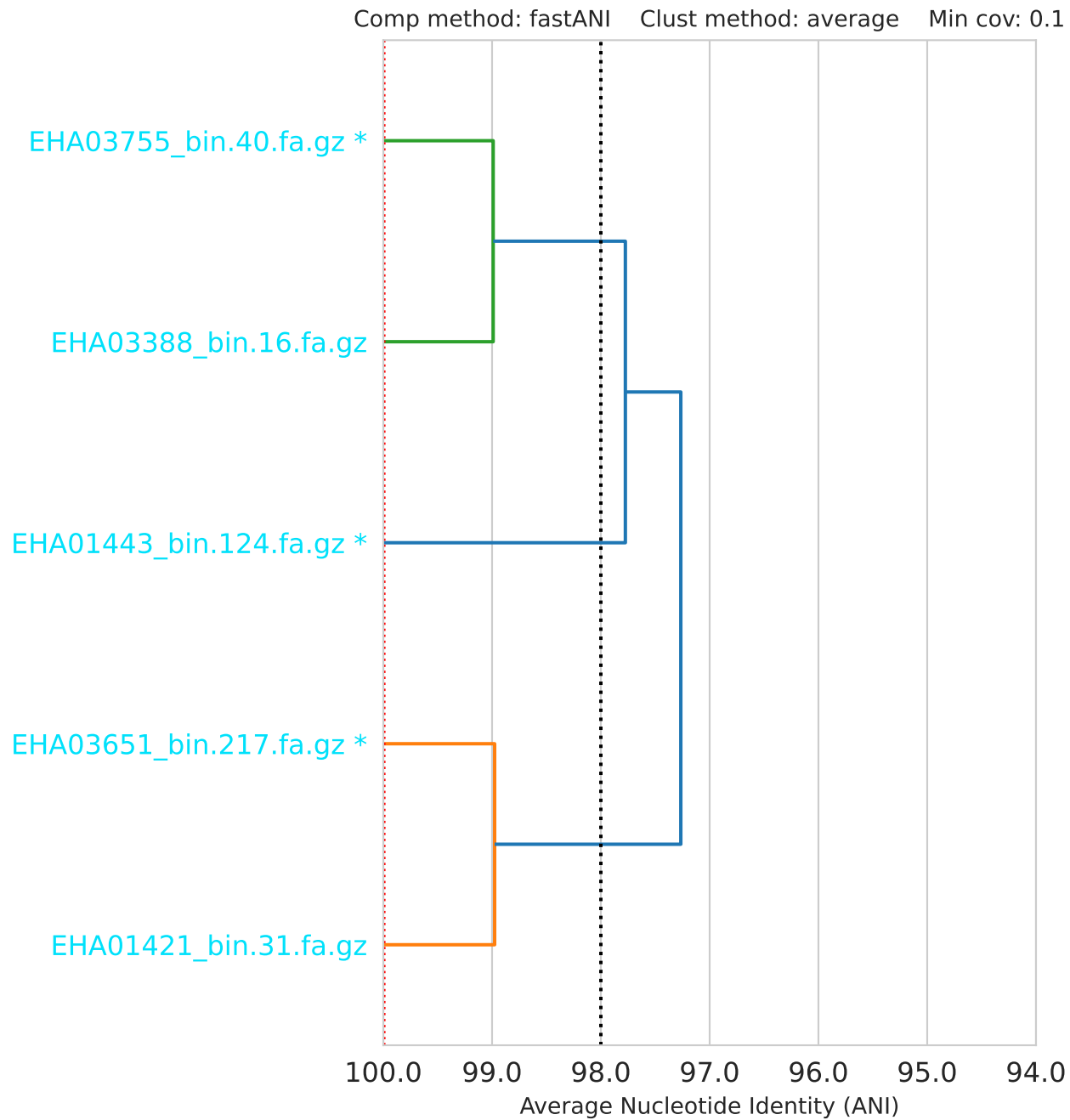
# Primary cluster 1140



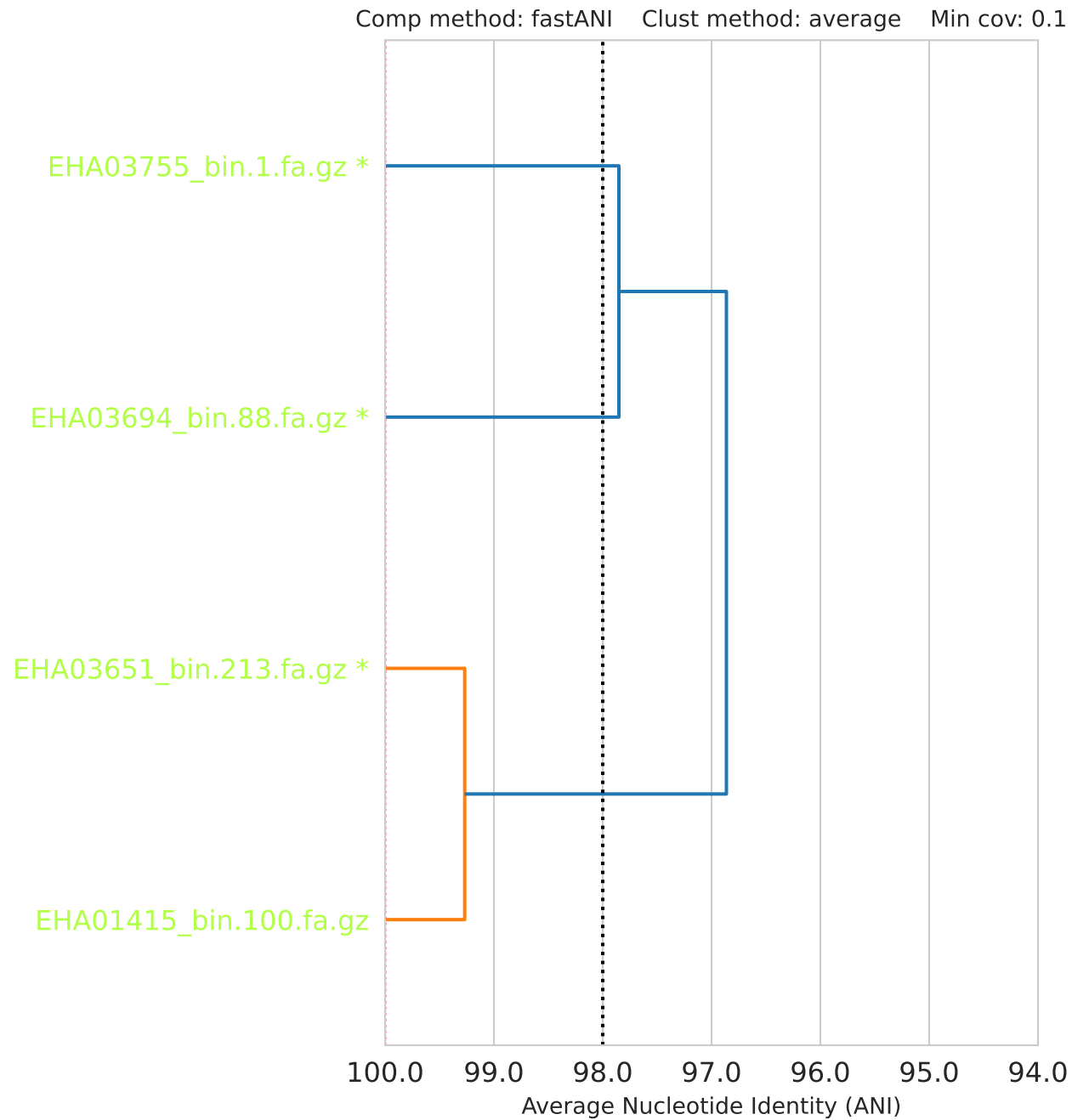
# Primary cluster 1141



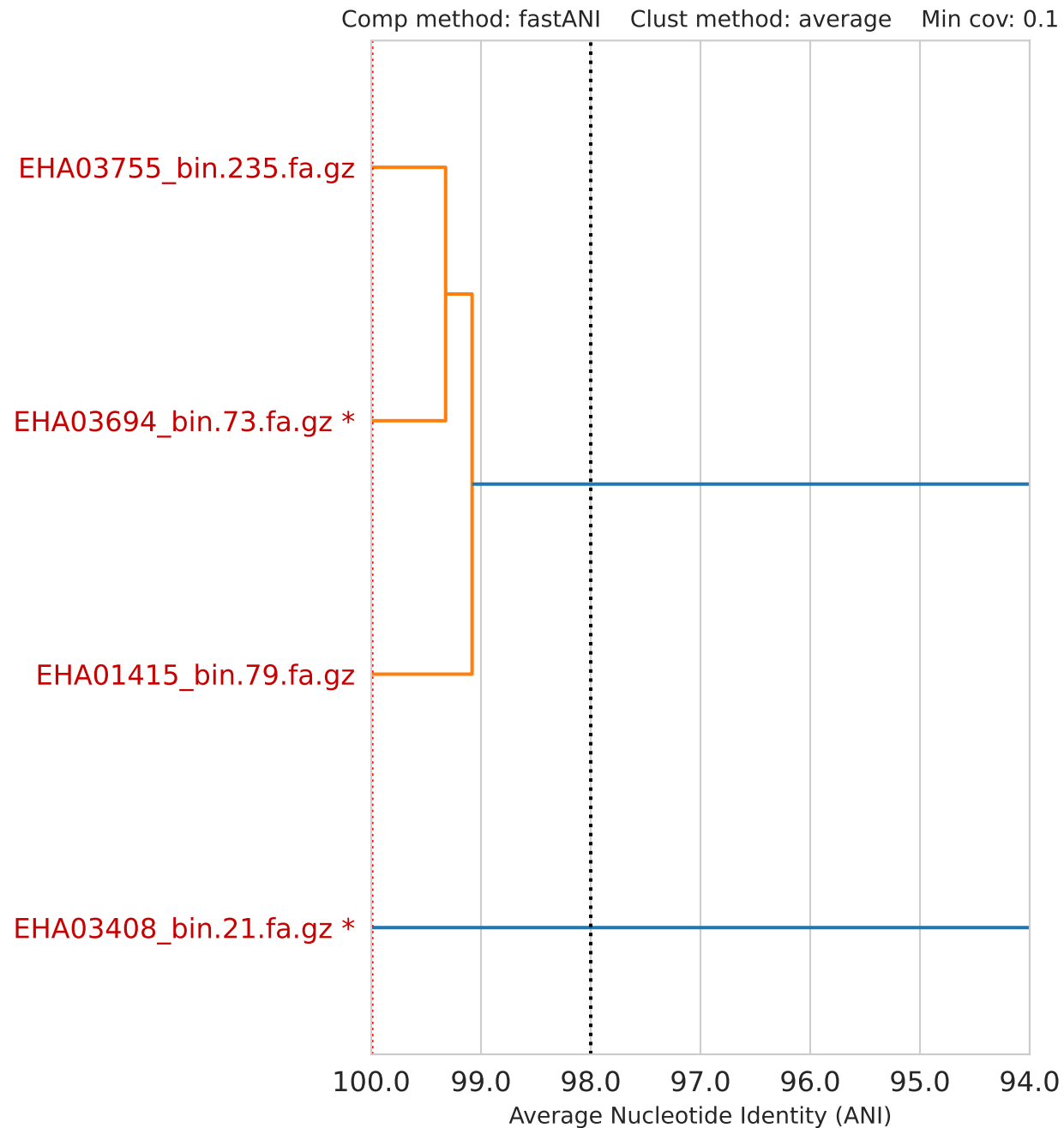
# Primary cluster 1144



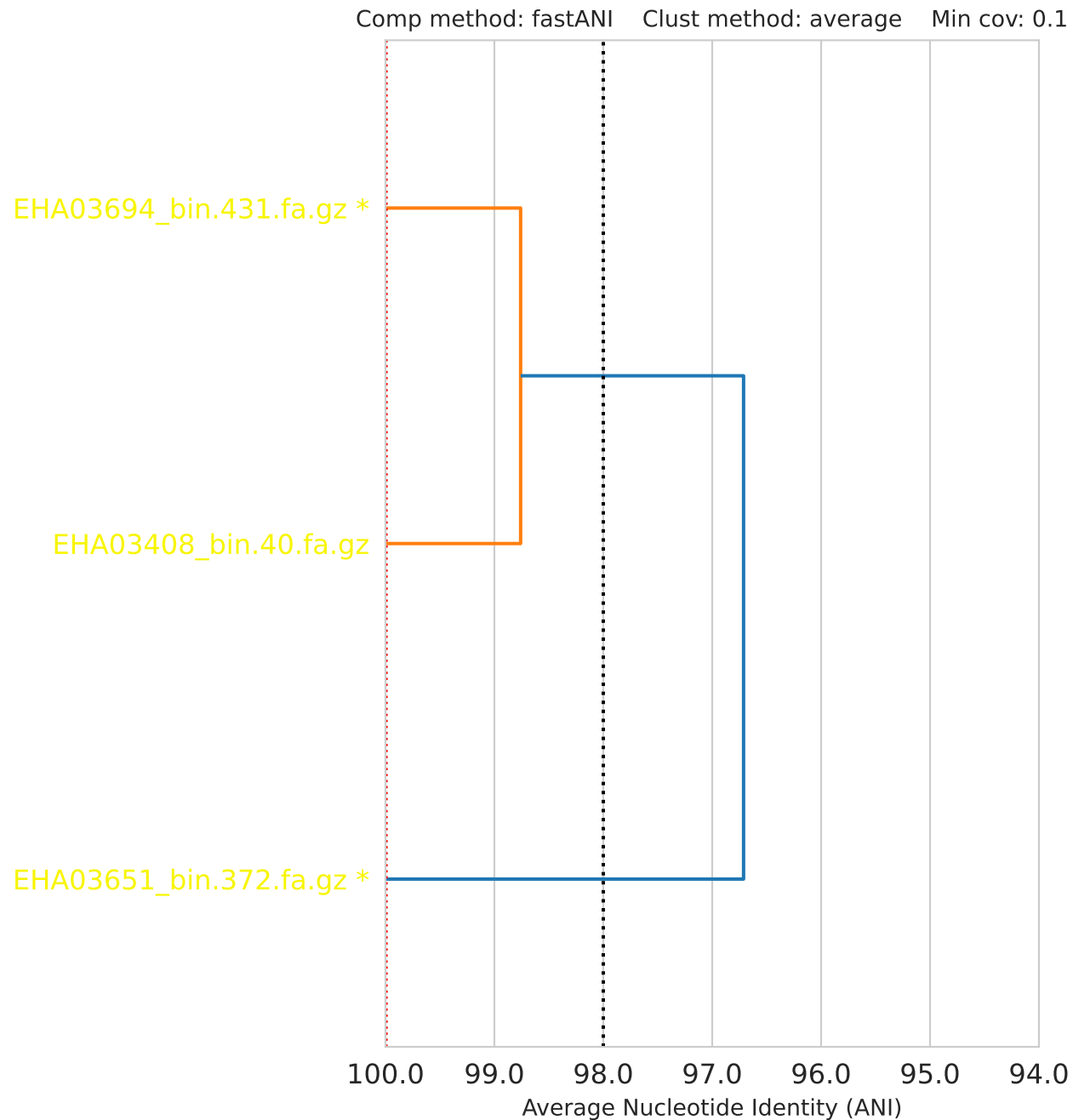
# Primary cluster 1145



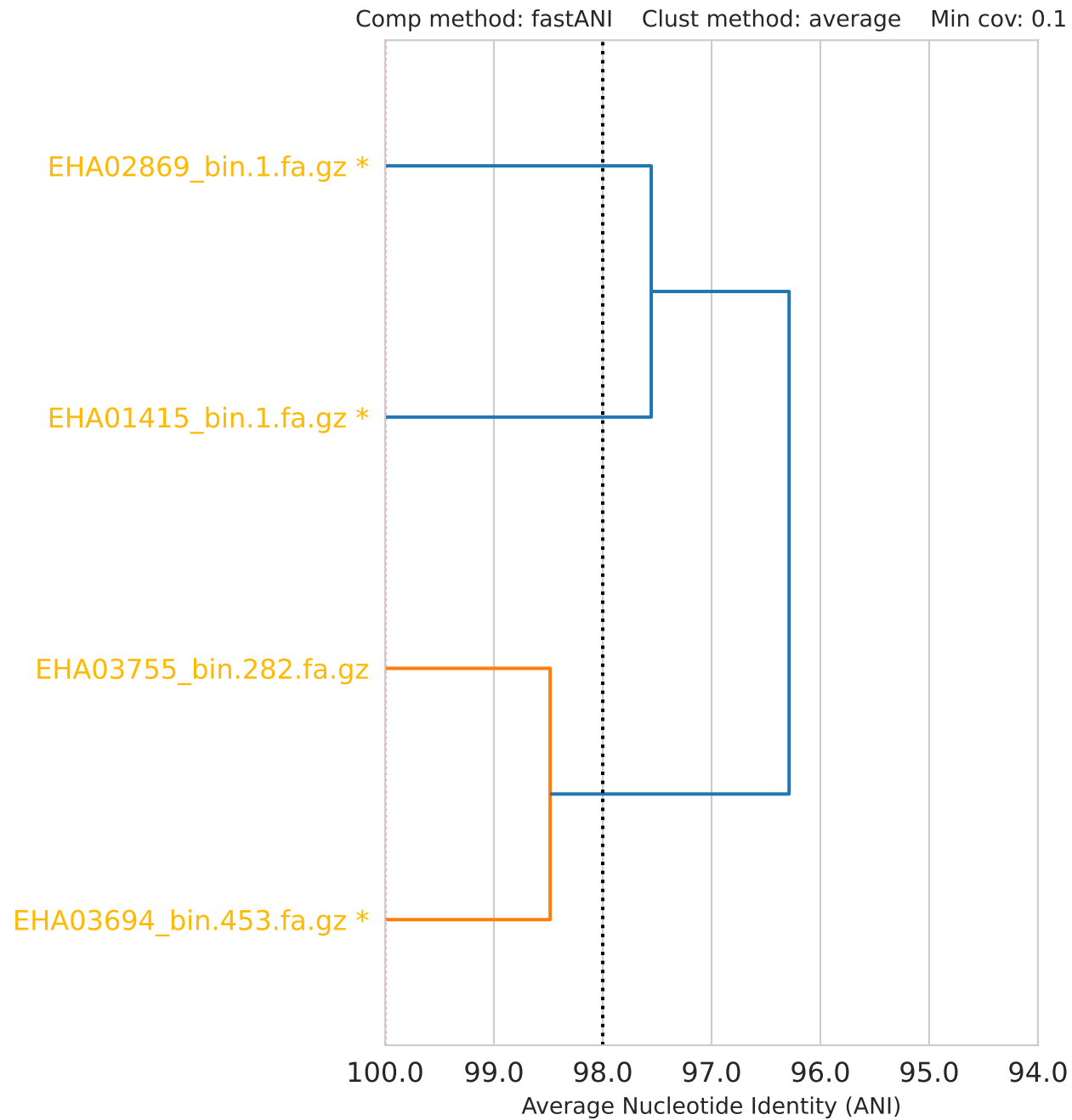
# Primary cluster 1146



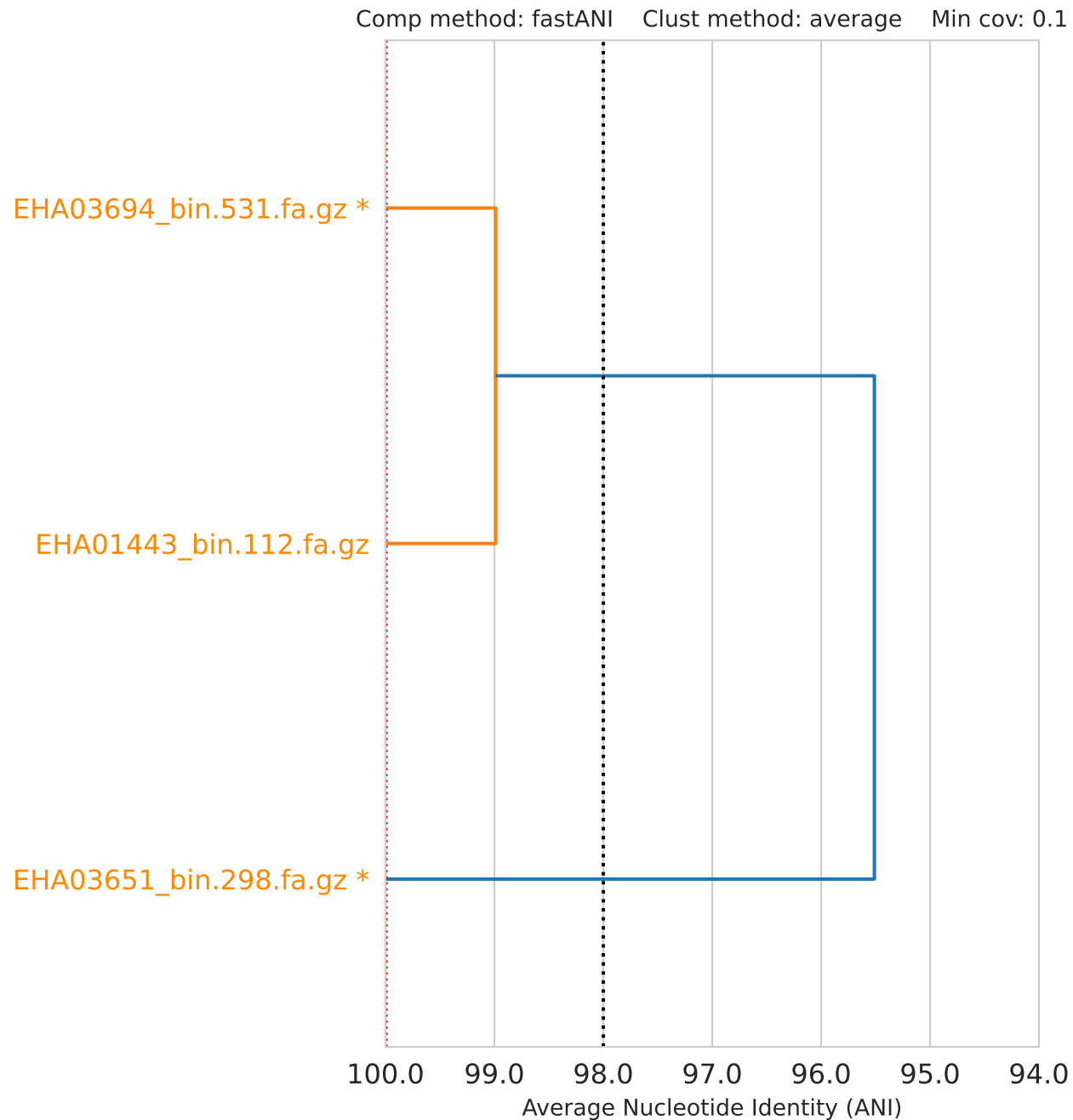
# Primary cluster 1147



# Primary cluster 1148

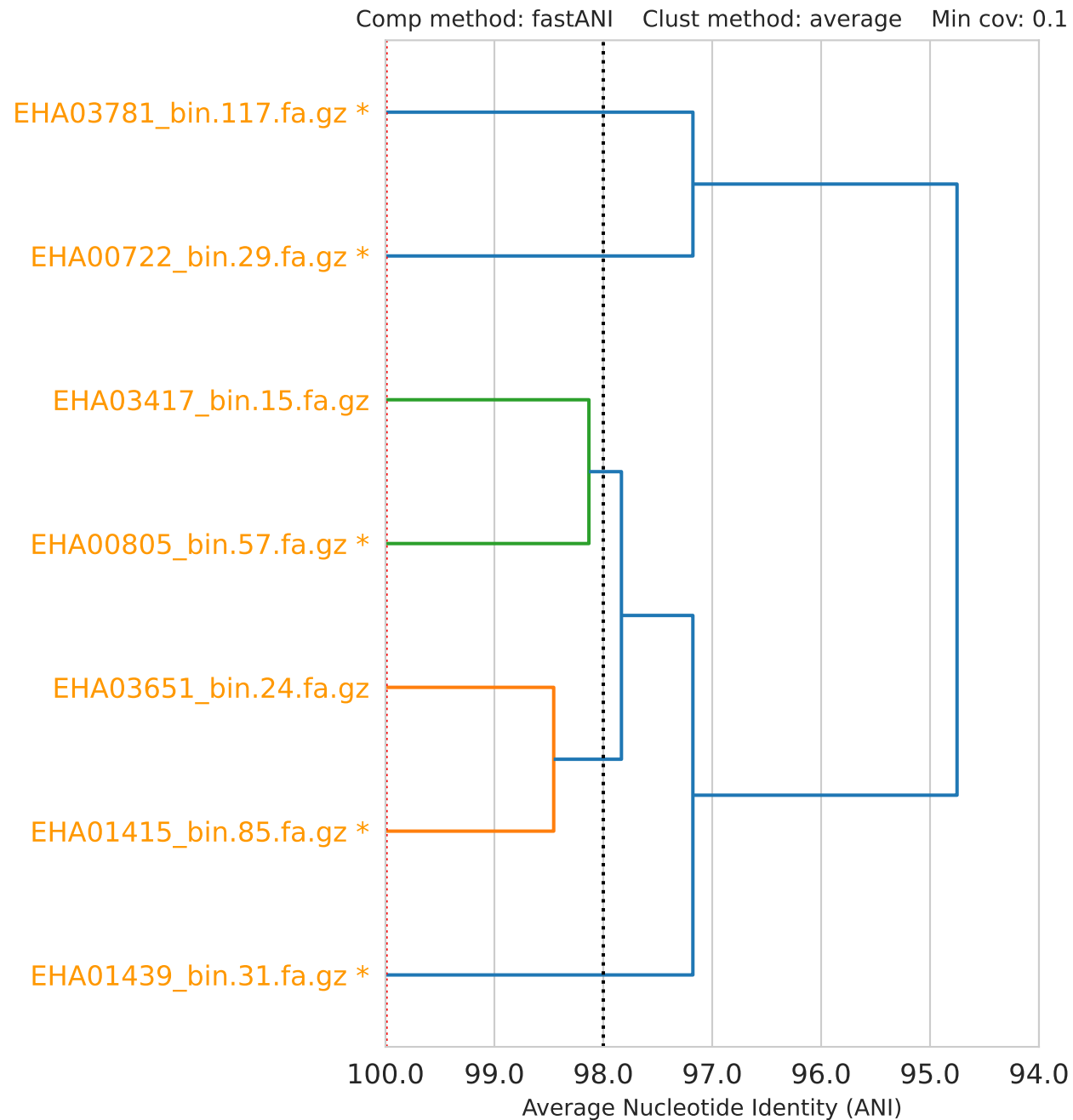


# Primary cluster 1149

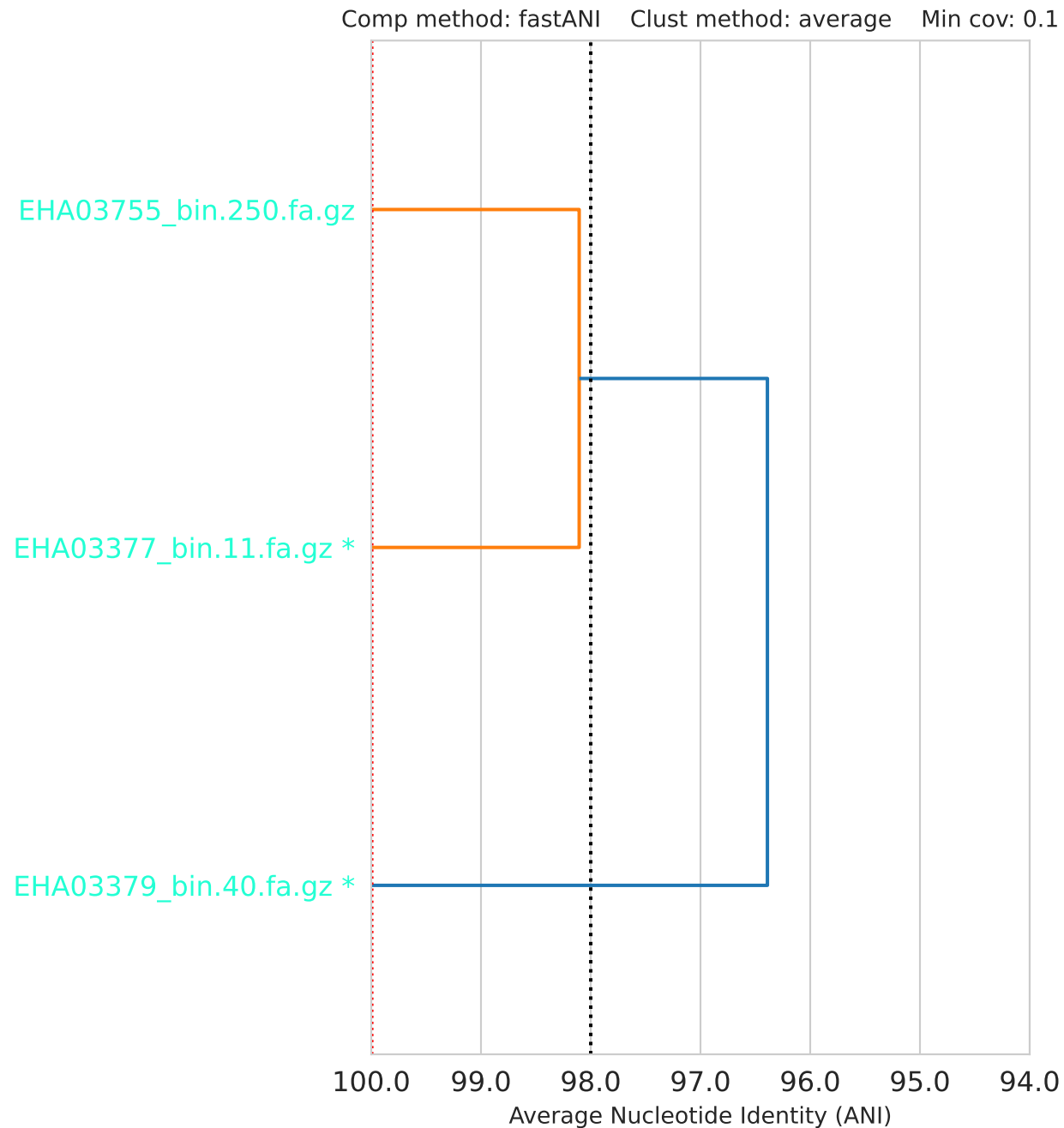




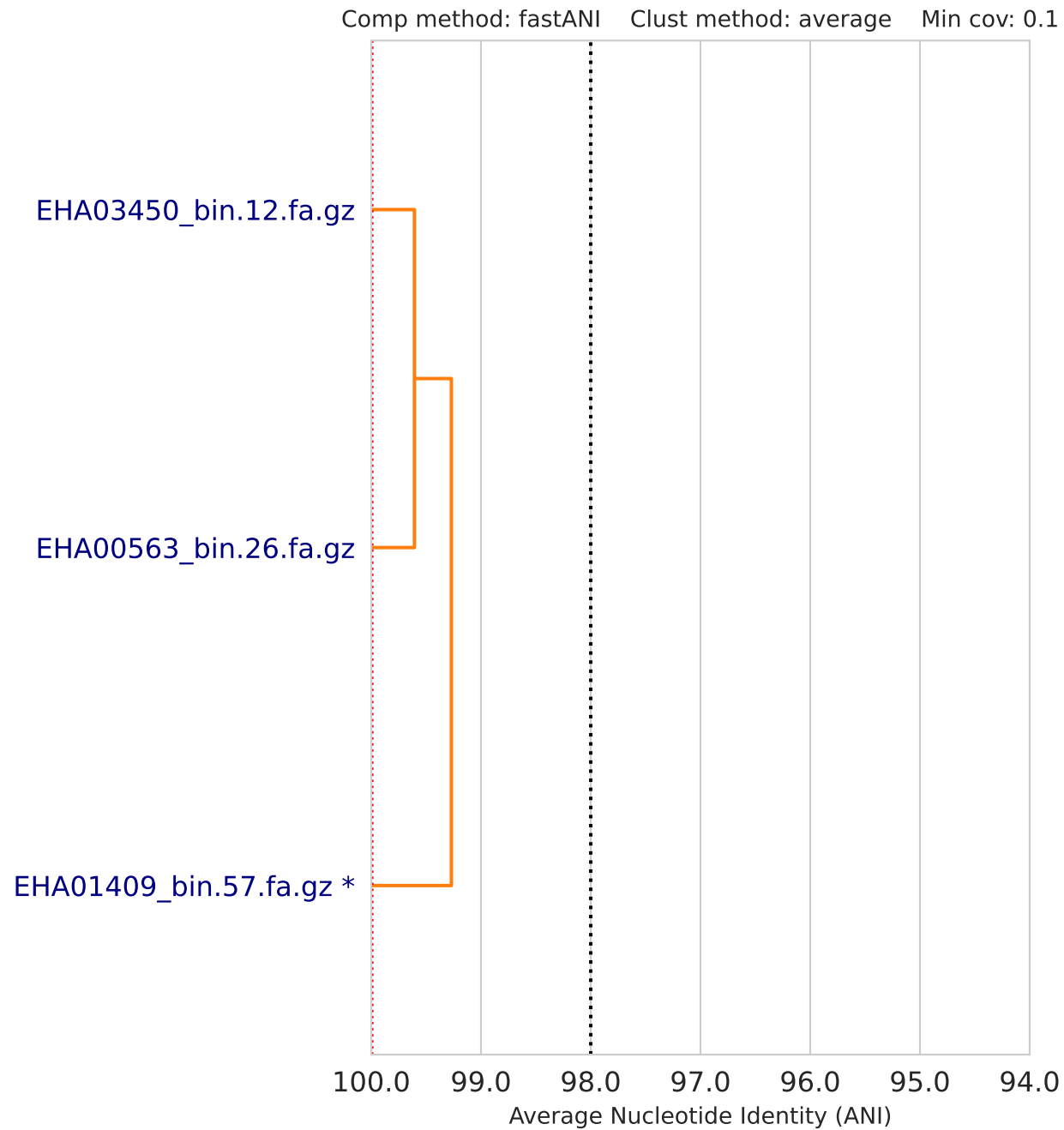
# Primary cluster 1150



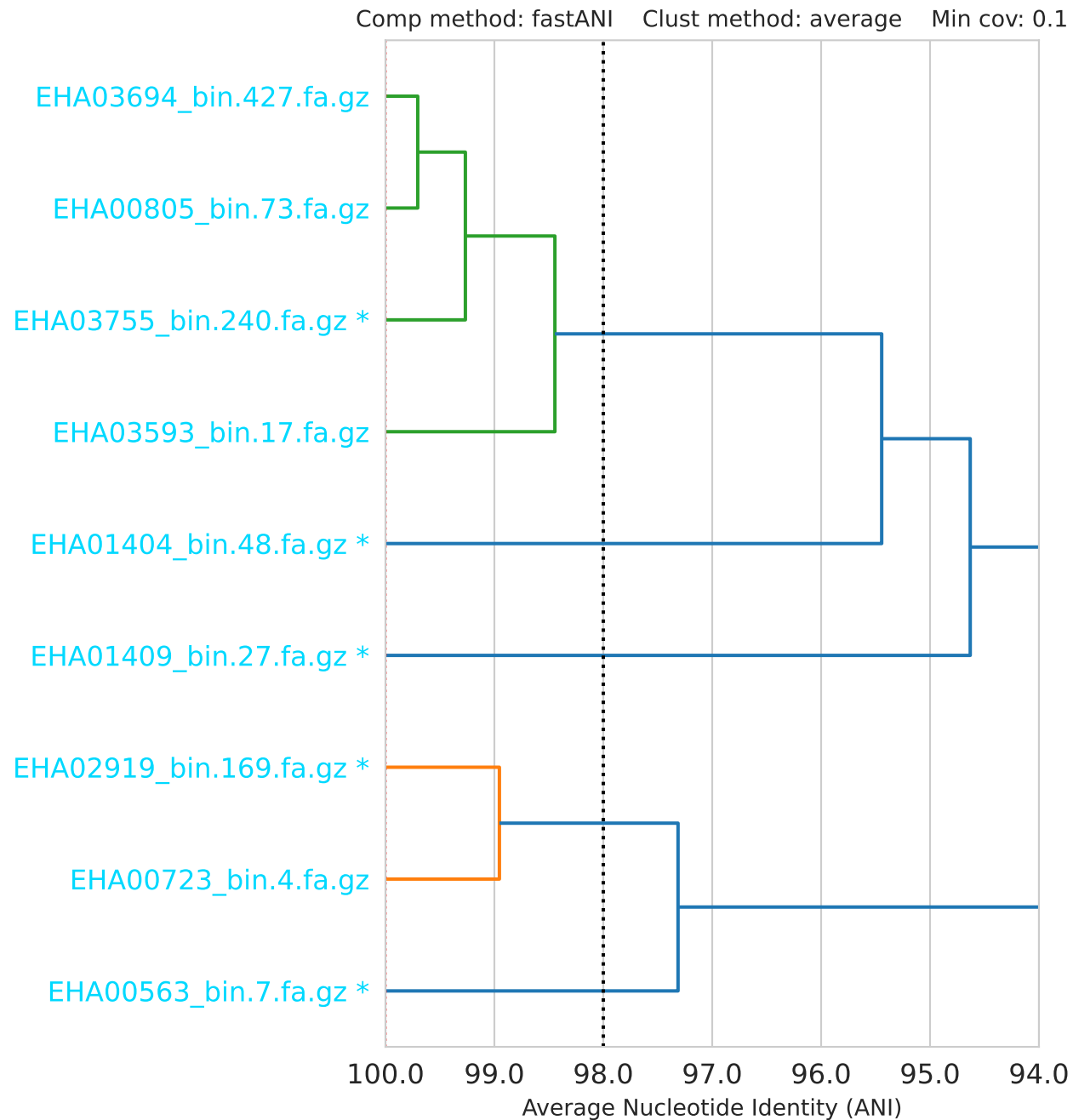
# Primary cluster 1151



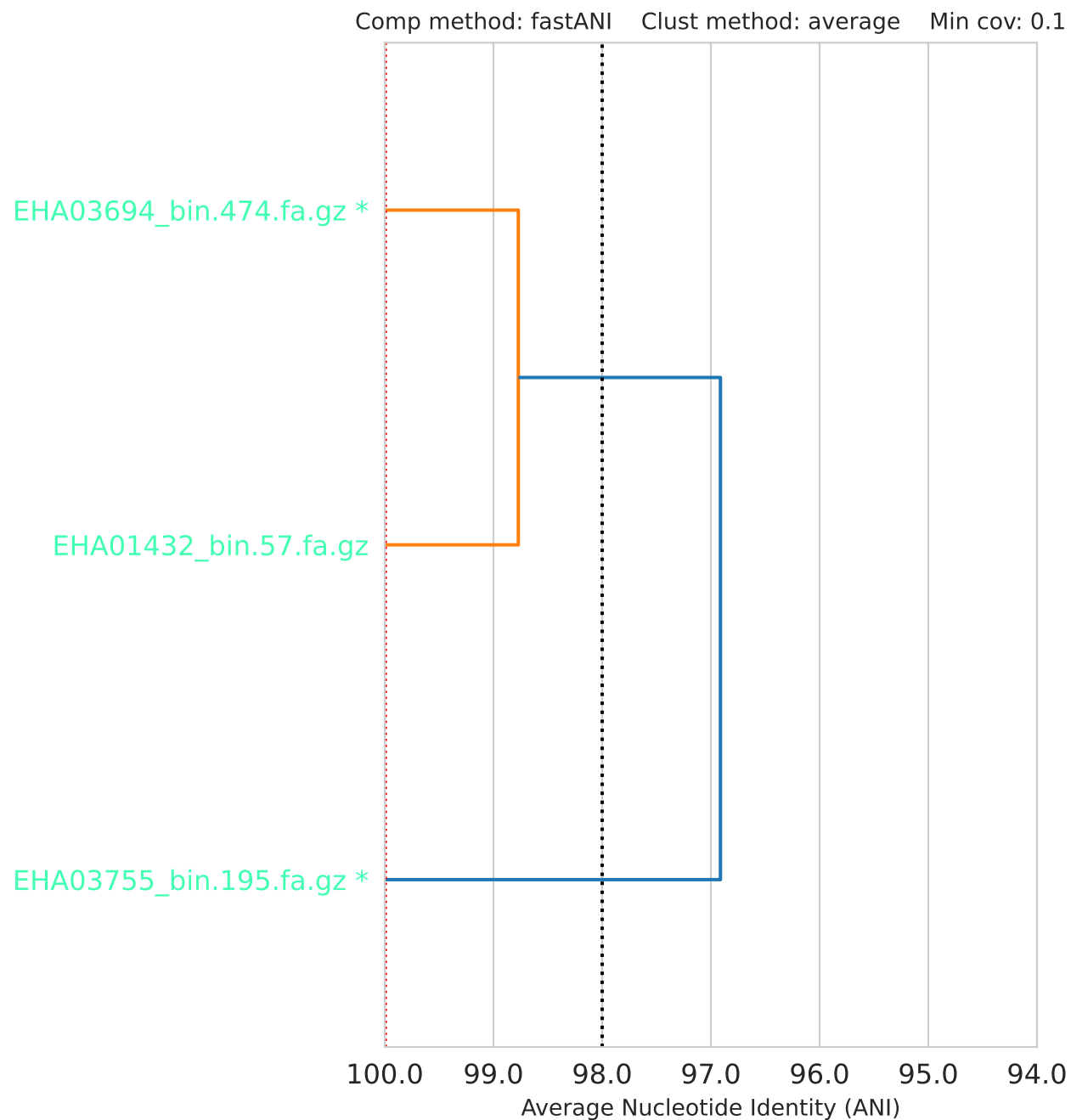
# Primary cluster 1155



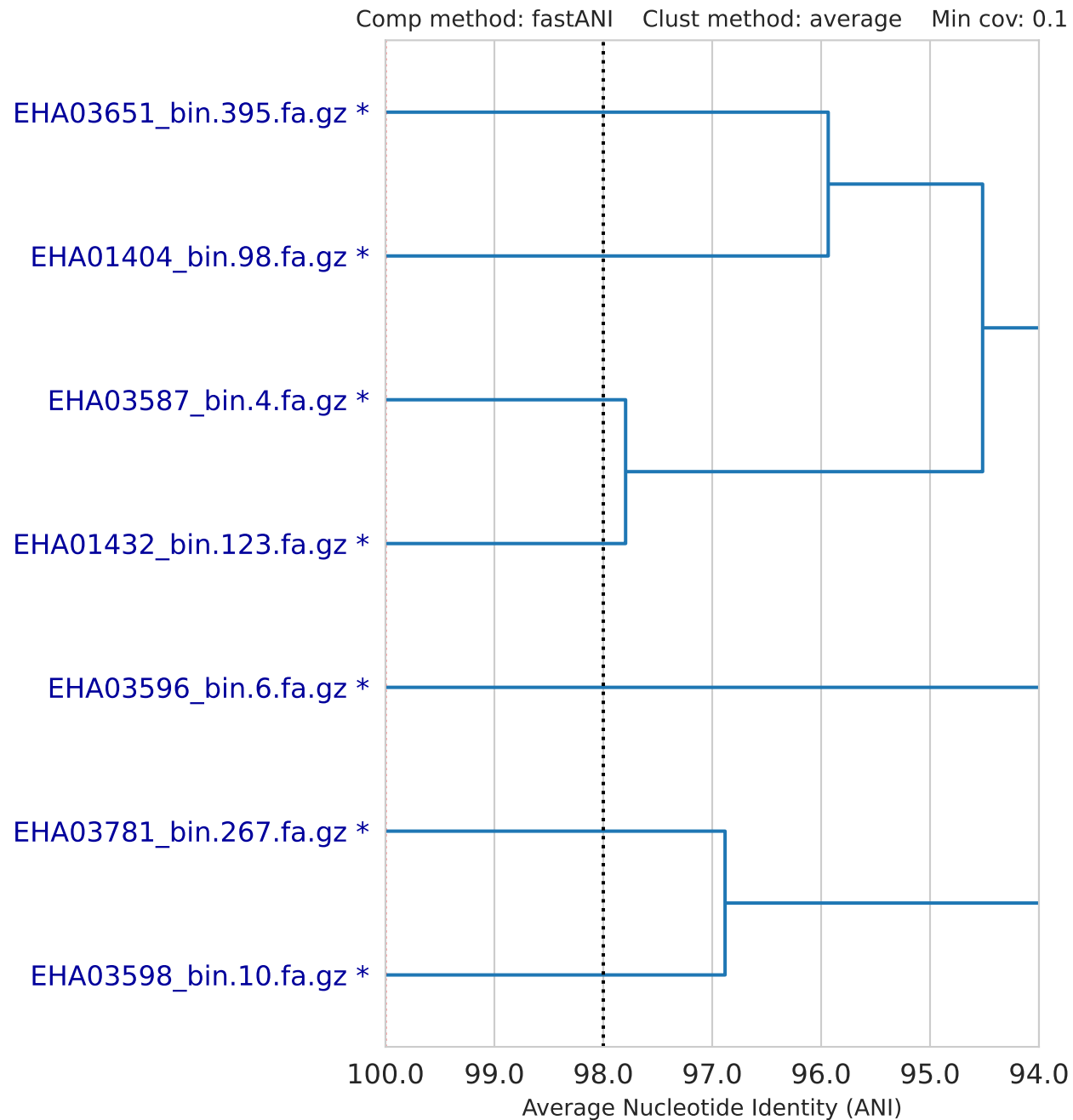
# Primary cluster 1156



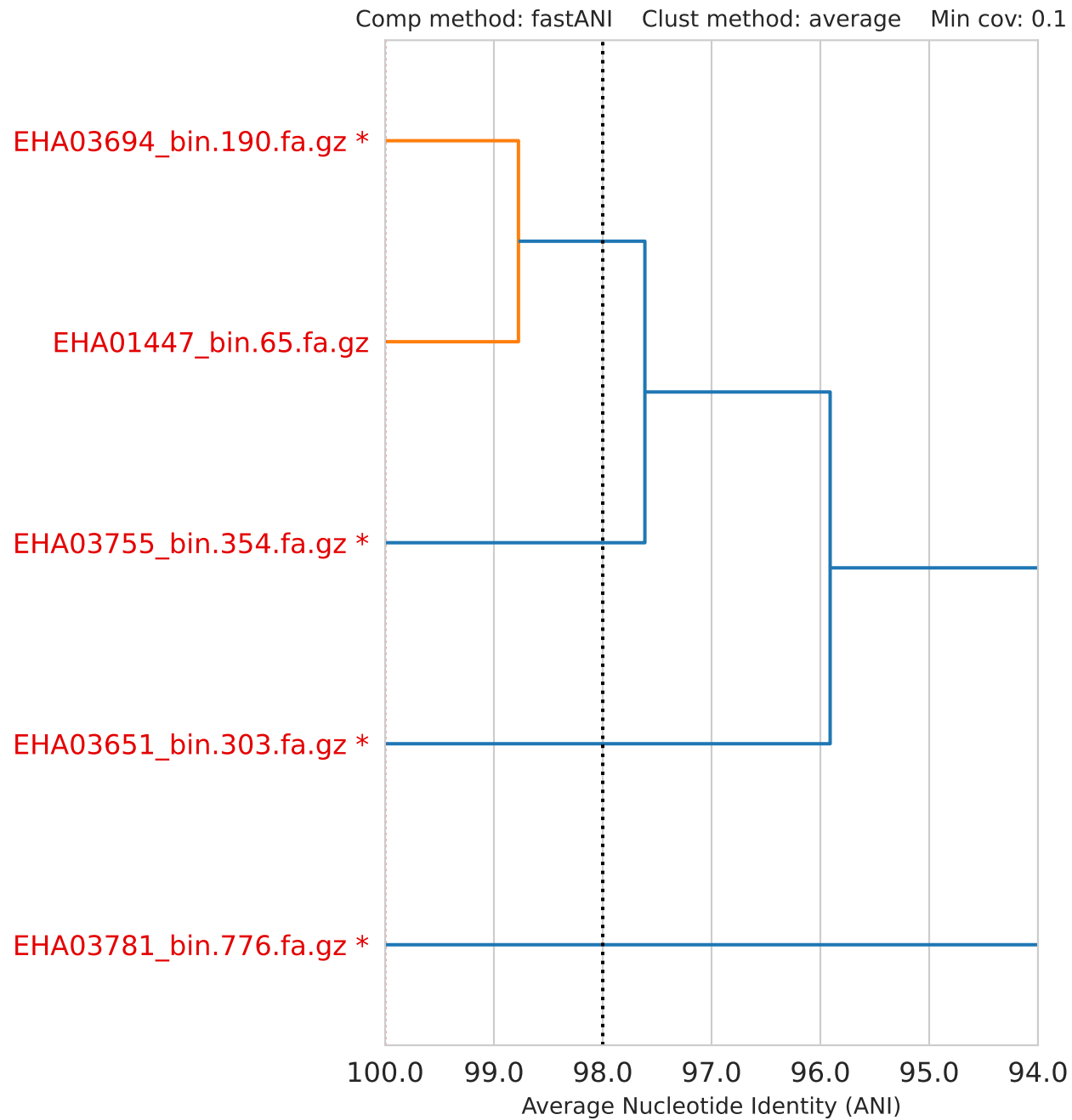
# Primary cluster 1157



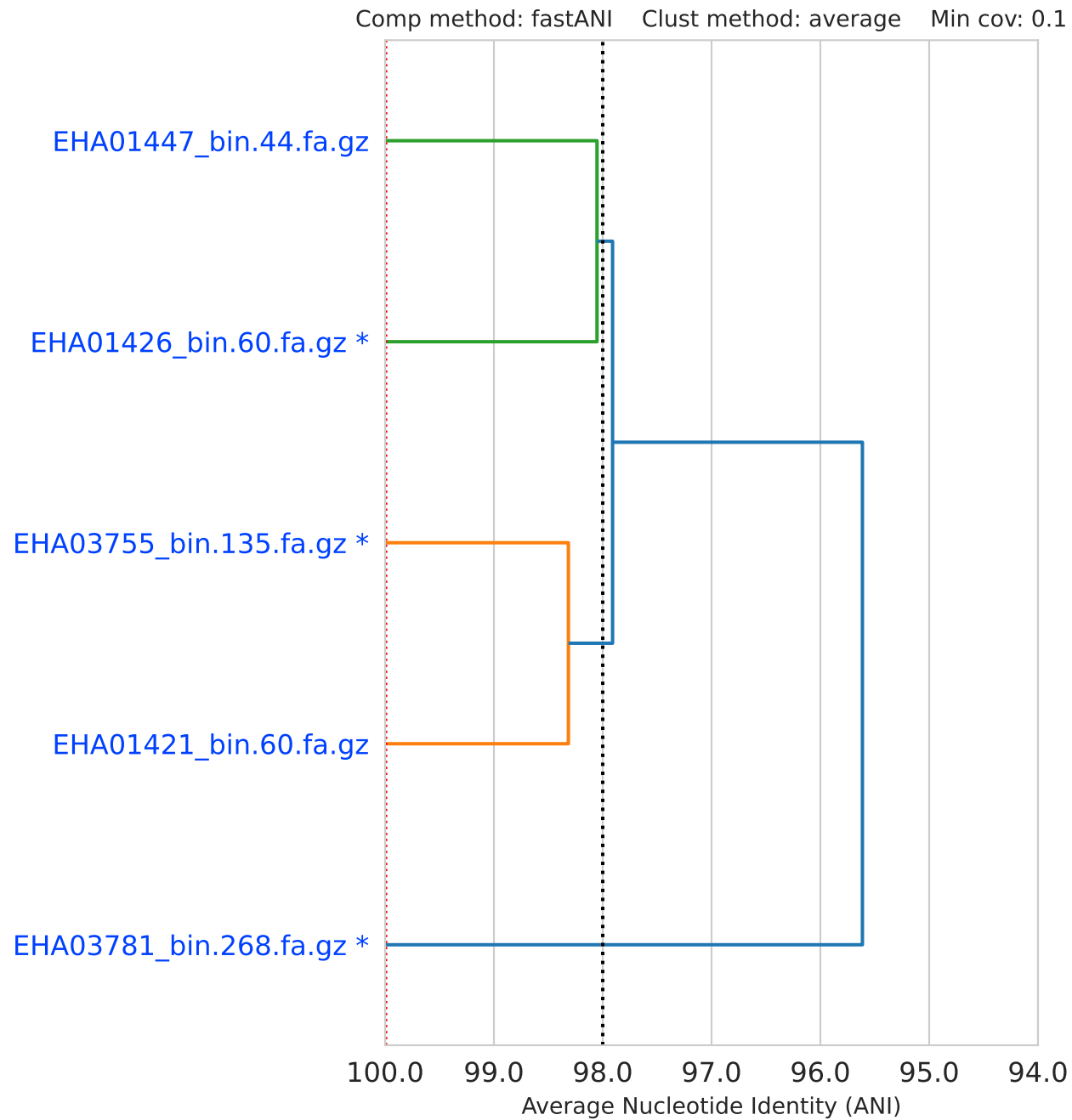
# Primary cluster 1164



# Primary cluster 1168

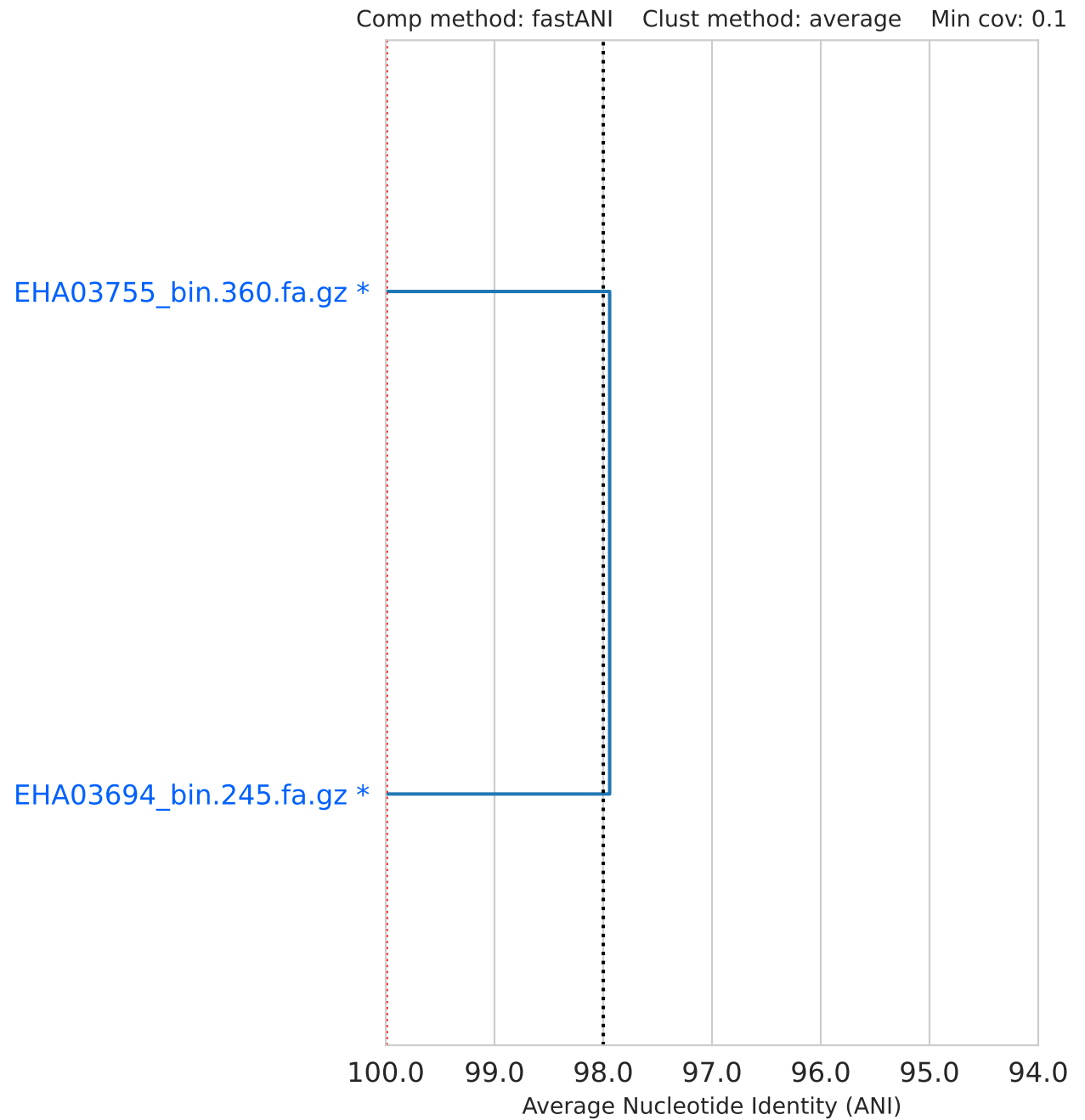


# Primary cluster 1170

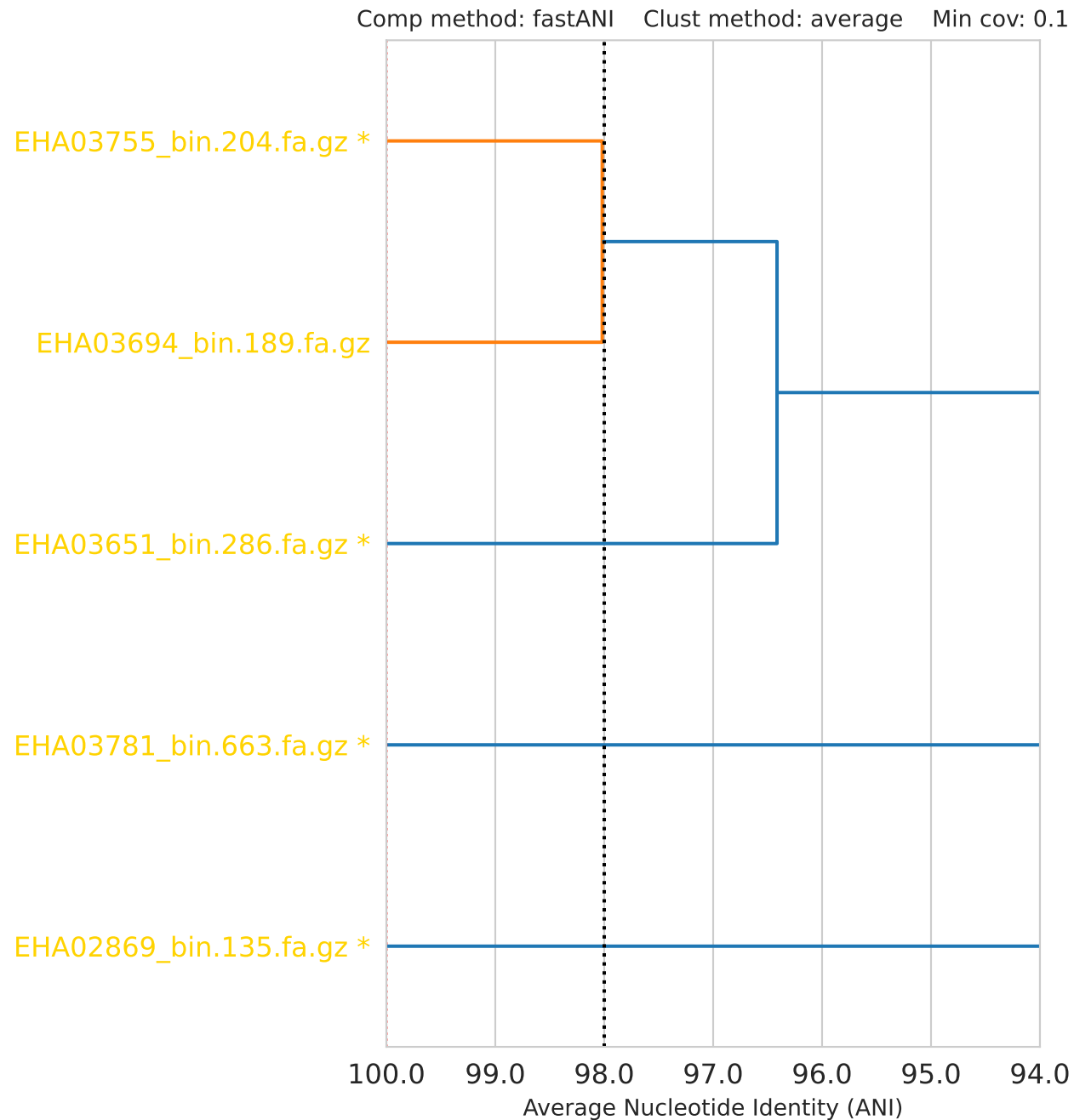




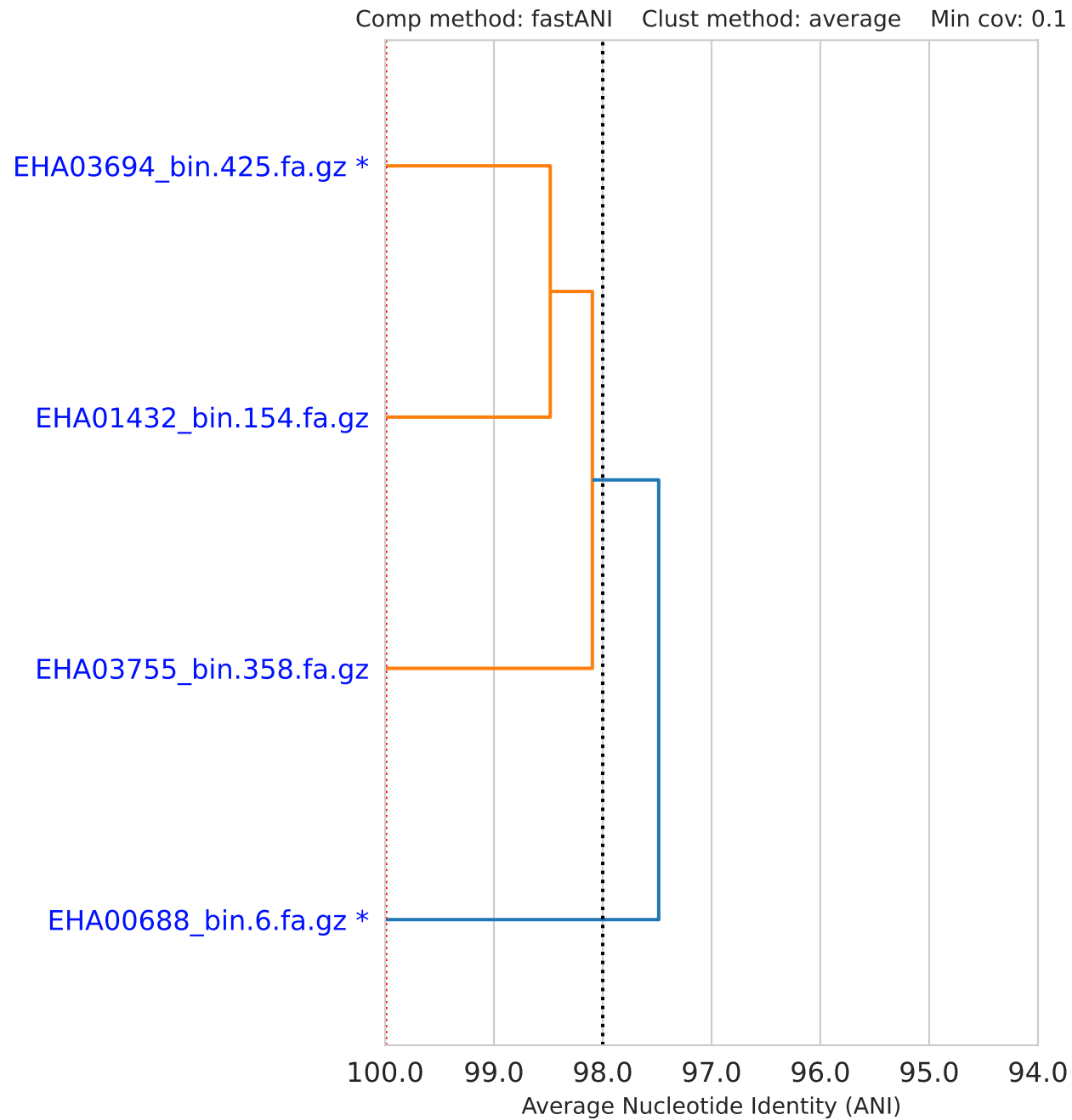
# Primary cluster 1171



# Primary cluster 1172



# Primary cluster 1173



# Primary cluster 1174

Comp method: fastANI

Clust method: average

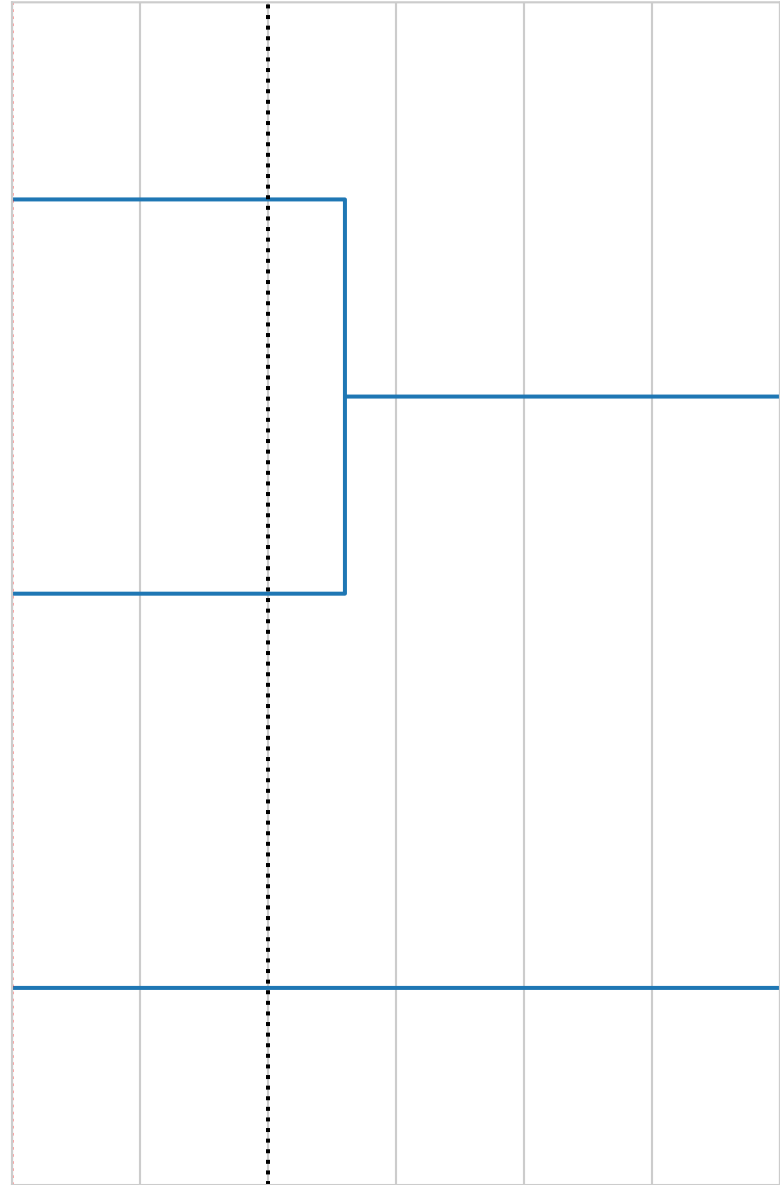
Min cov: 0.1

EHA01415\_bin.3.fa.gz \*

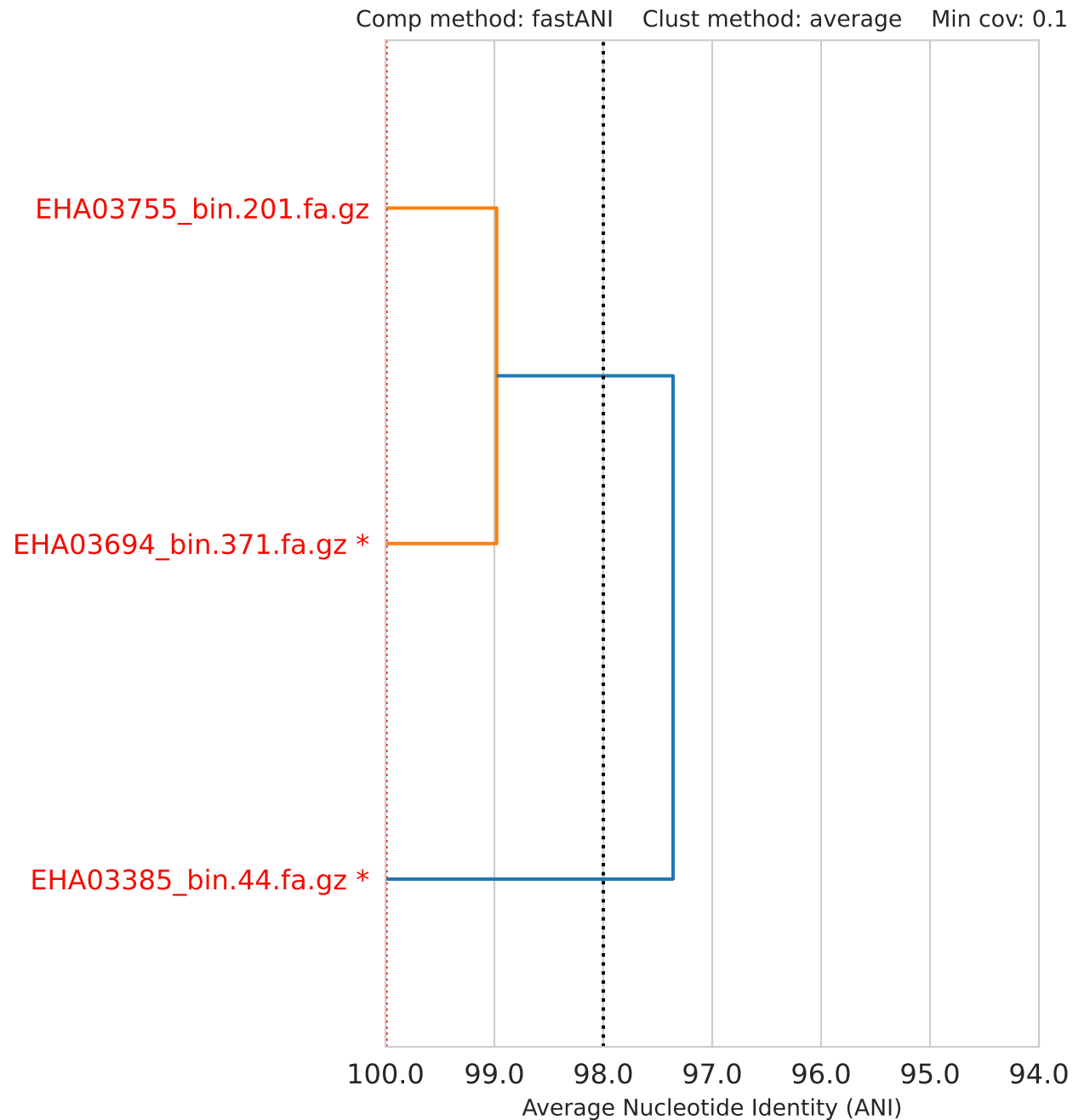
EHA00643\_bin.20.fa.gz \*

EHA03401\_bin.27.fa.gz \*

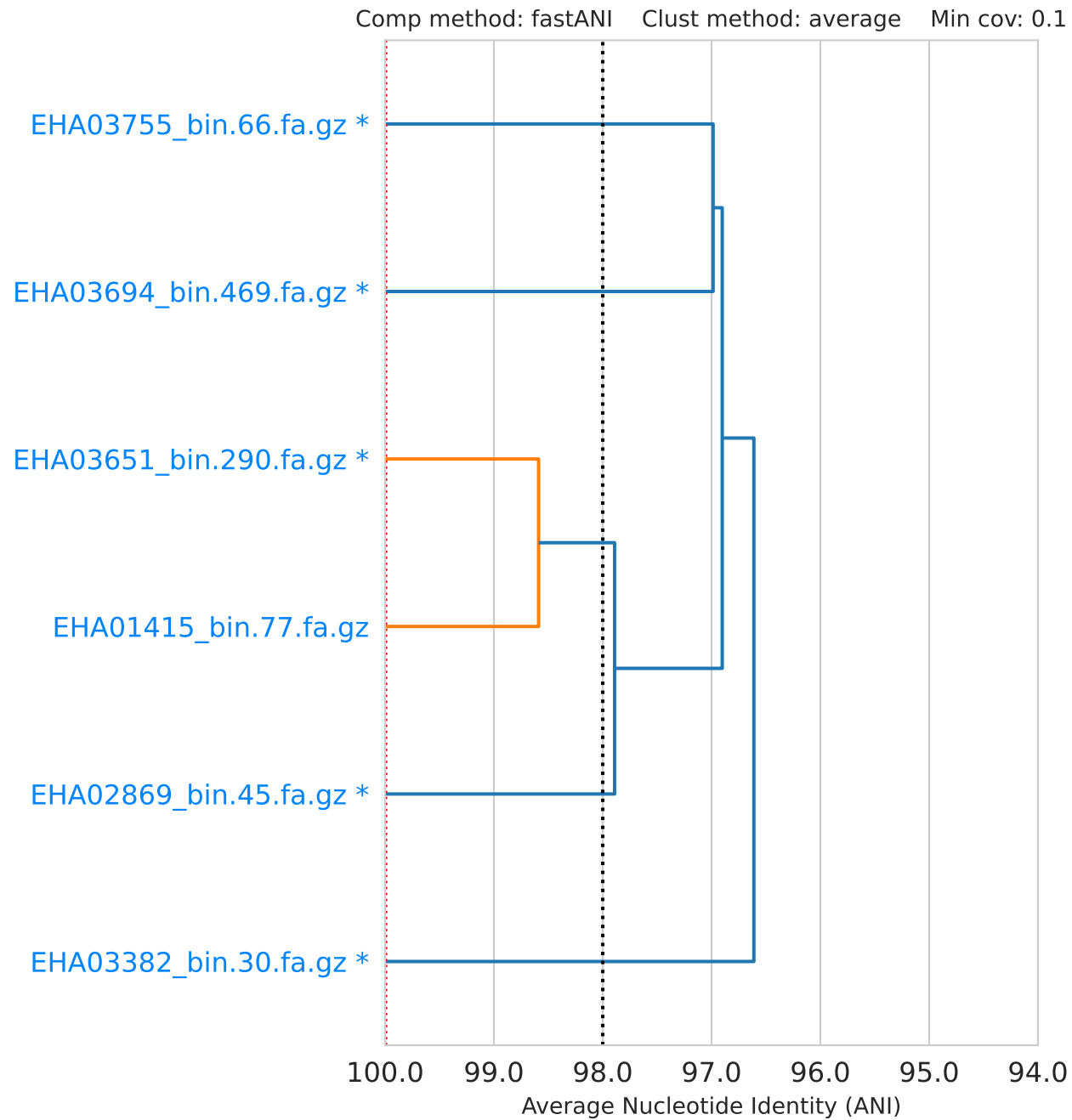
100.0 99.0 98.0 97.0 96.0 95.0 94.0  
Average Nucleotide Identity (ANI)



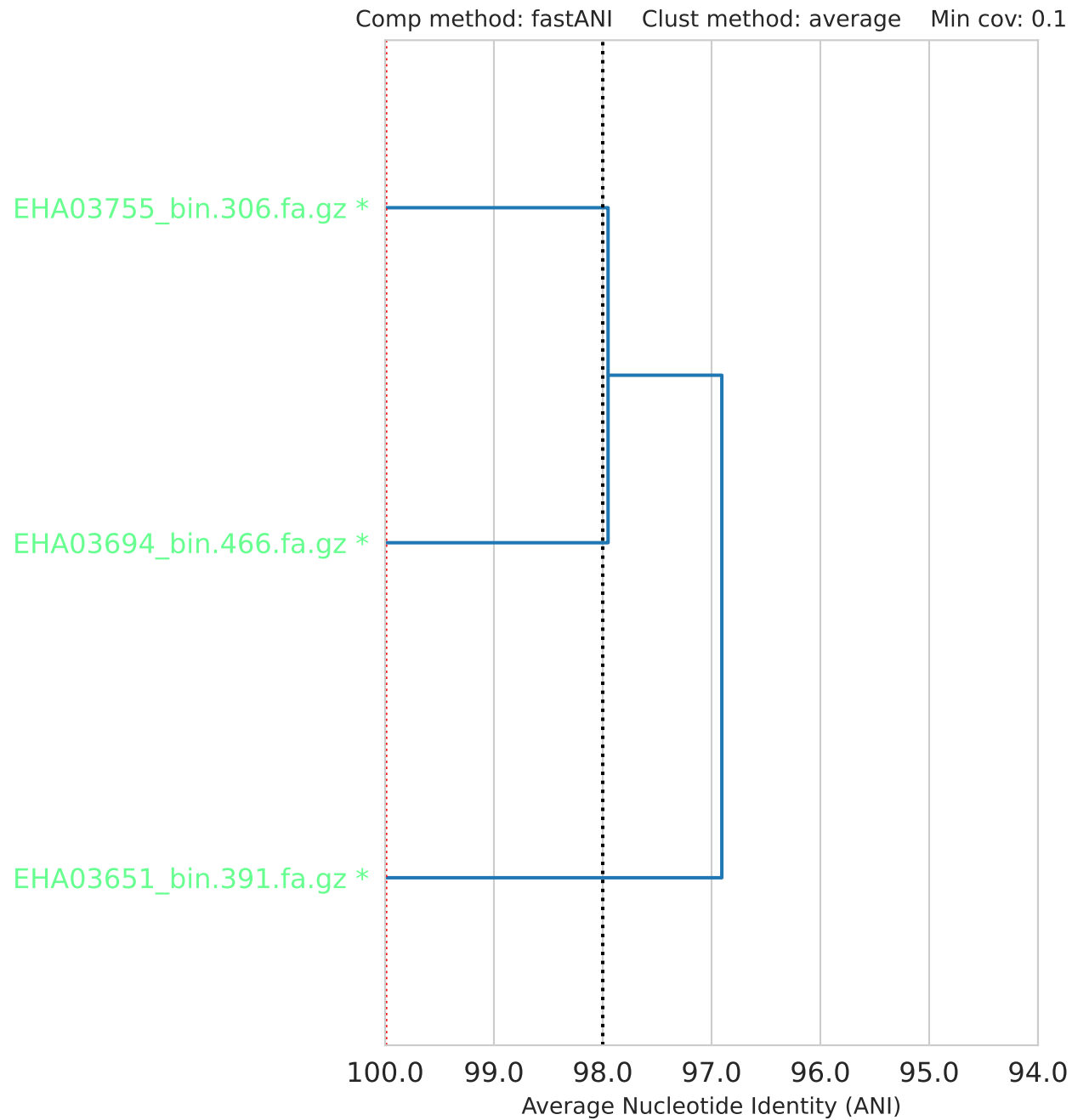
# Primary cluster 1177



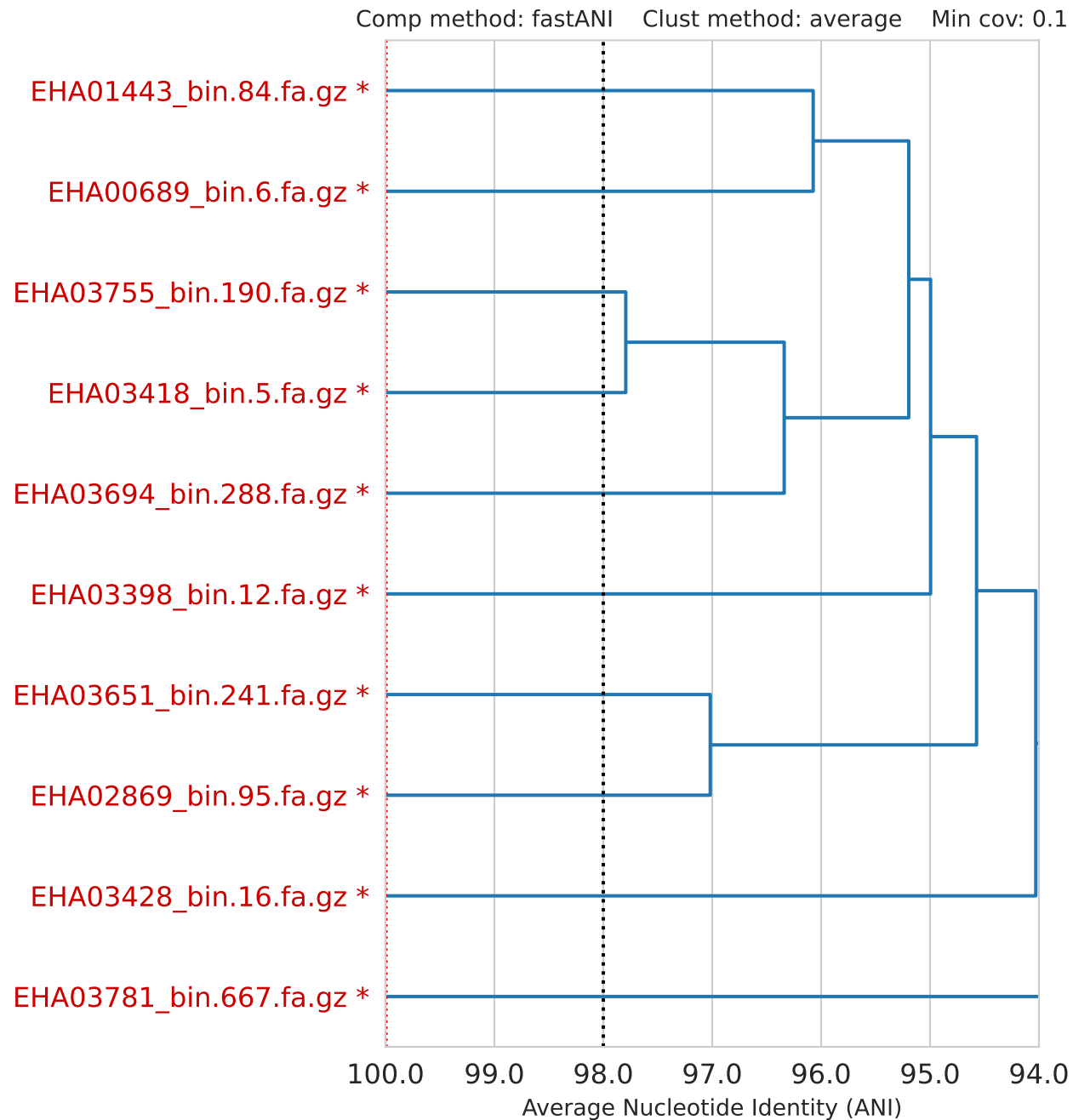
# Primary cluster 1178



# Primary cluster 1179

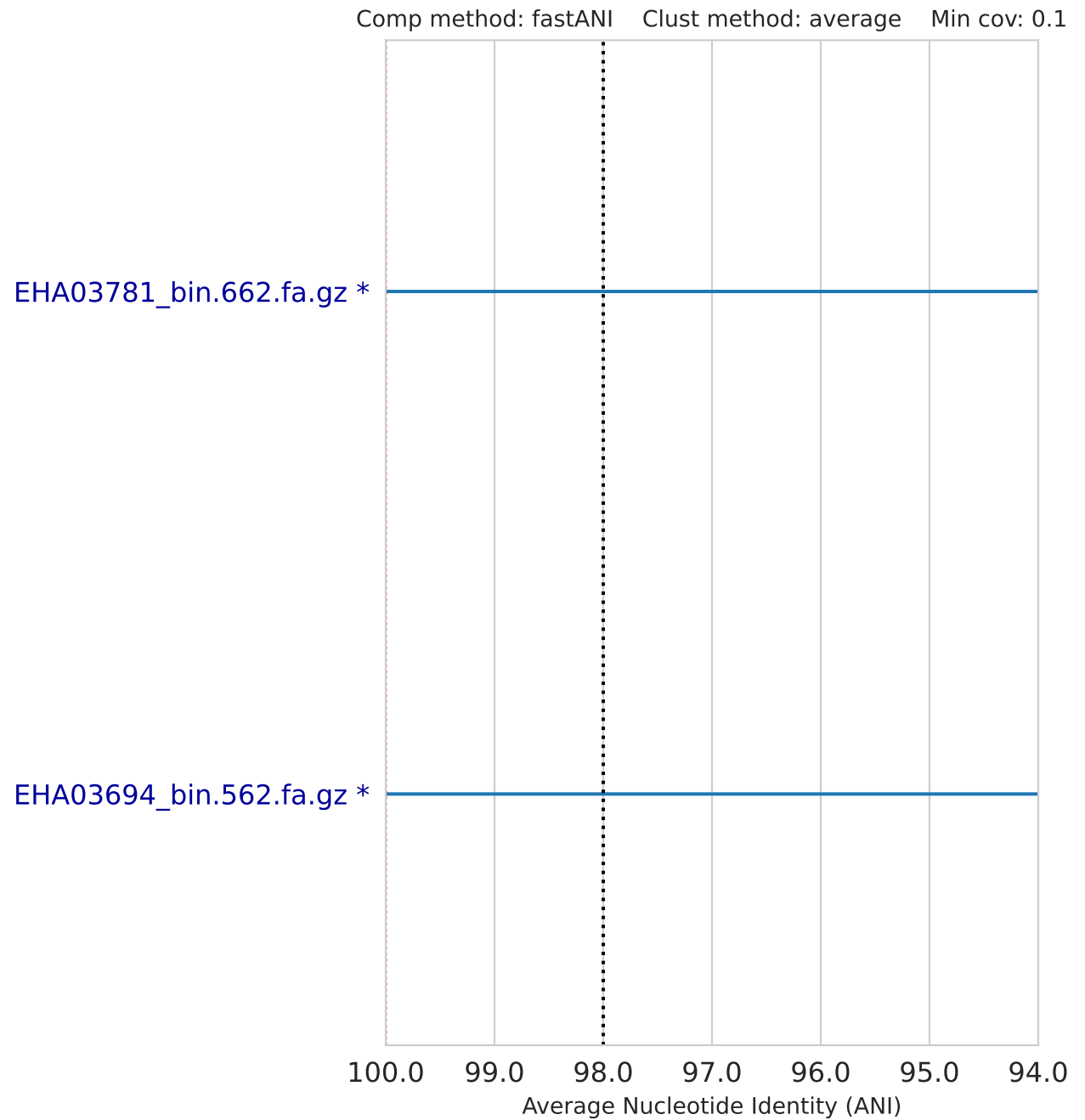


# Primary cluster 1180

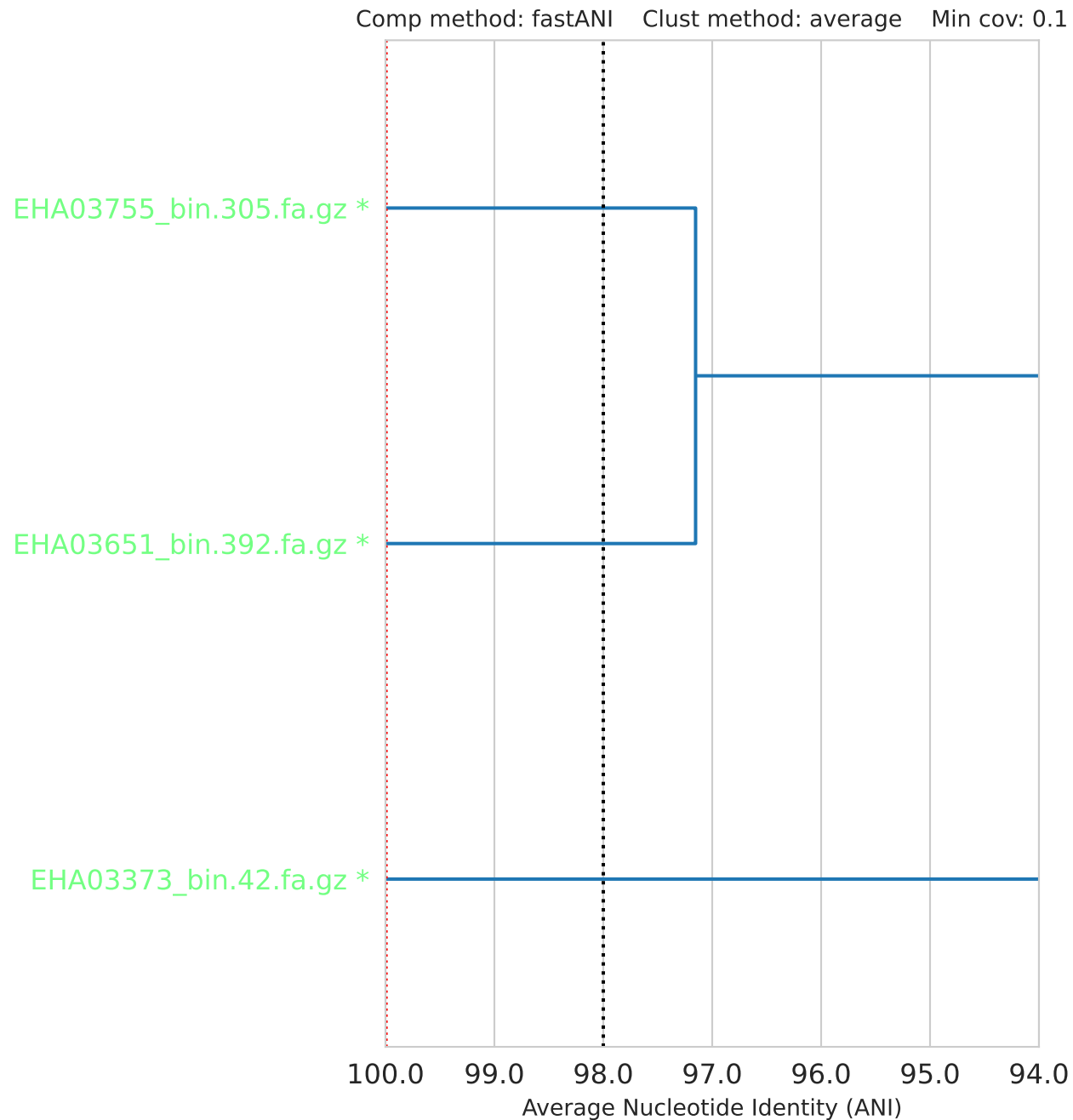




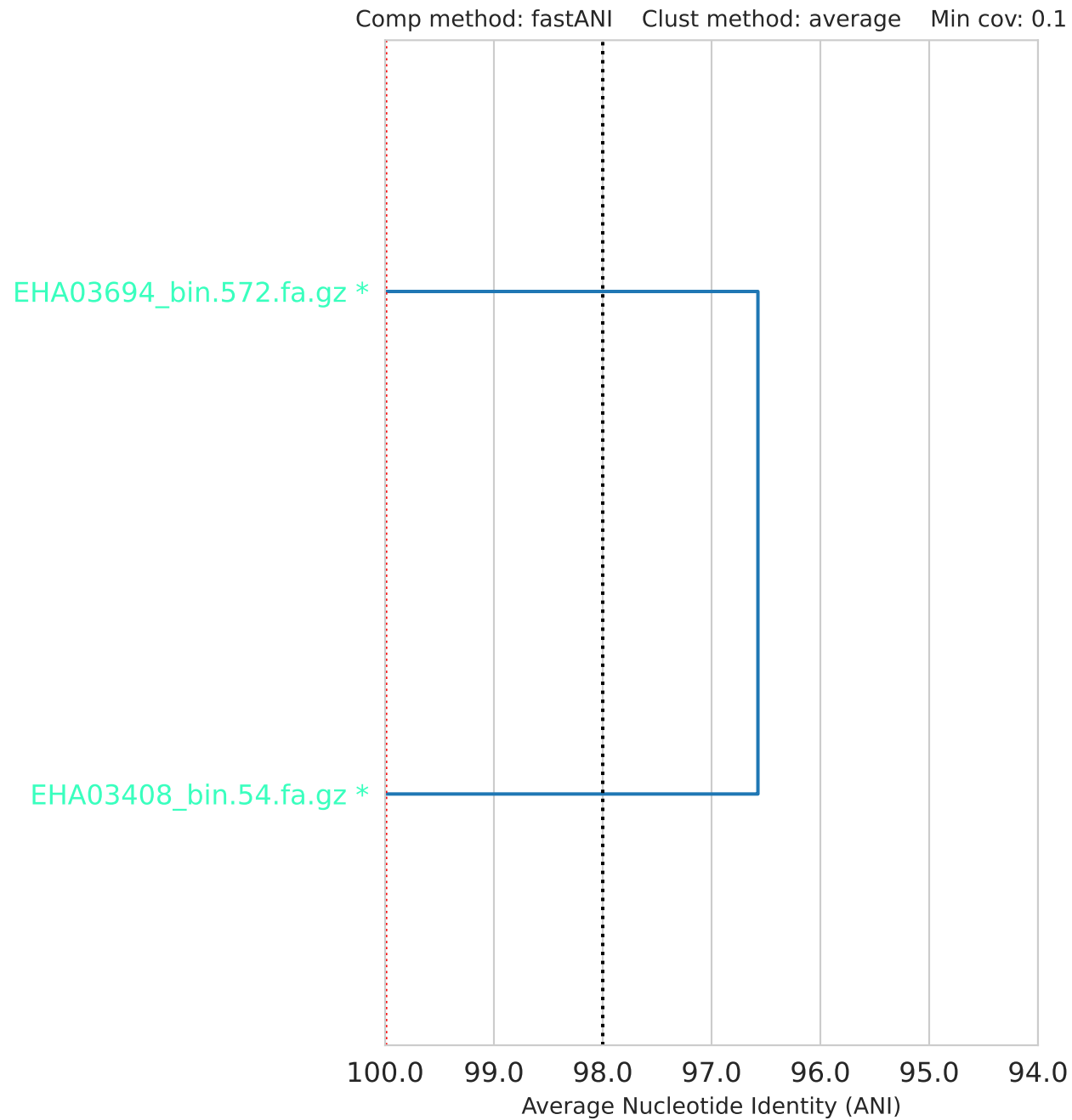
# Primary cluster 1181



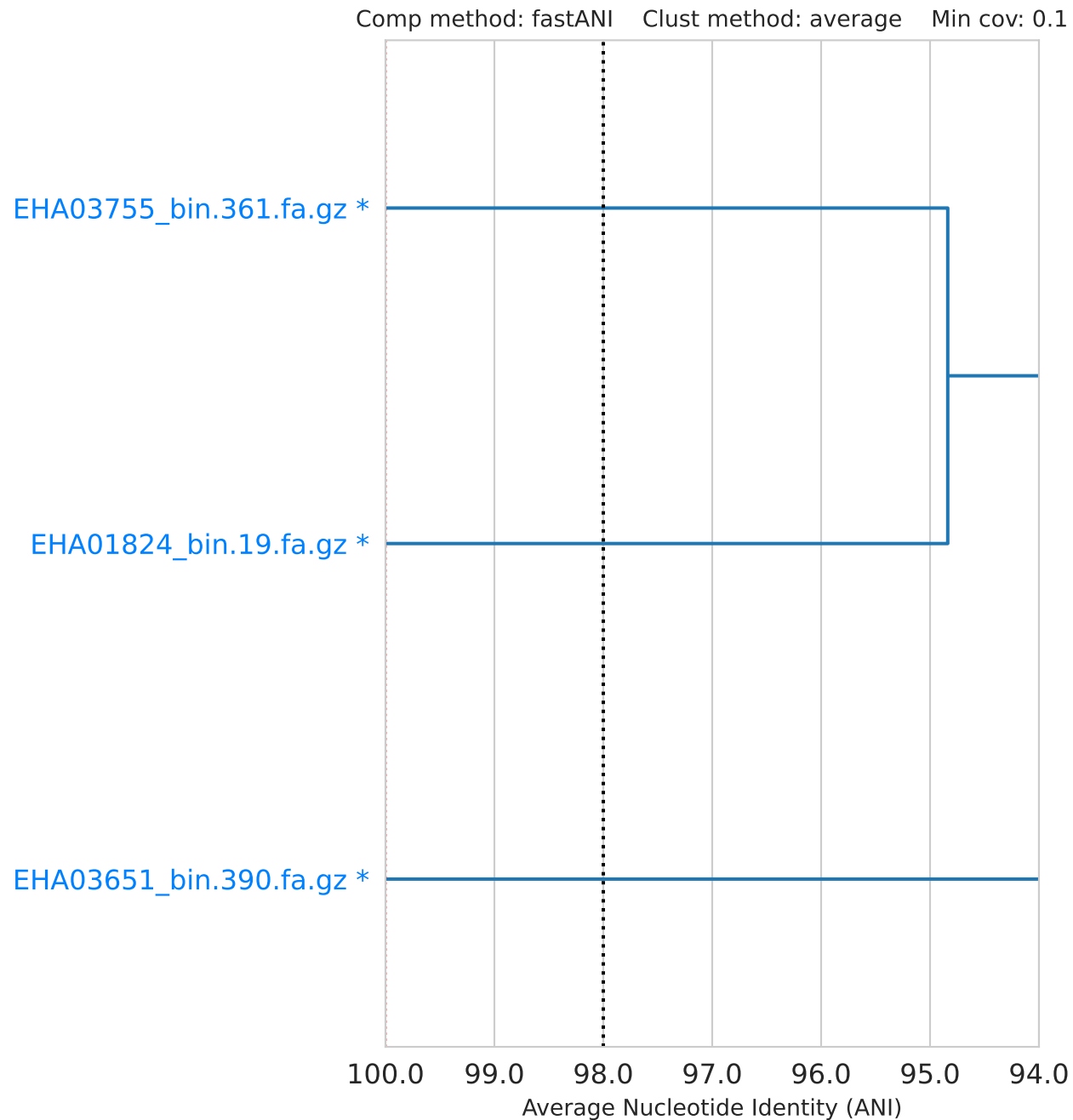
# Primary cluster 1182



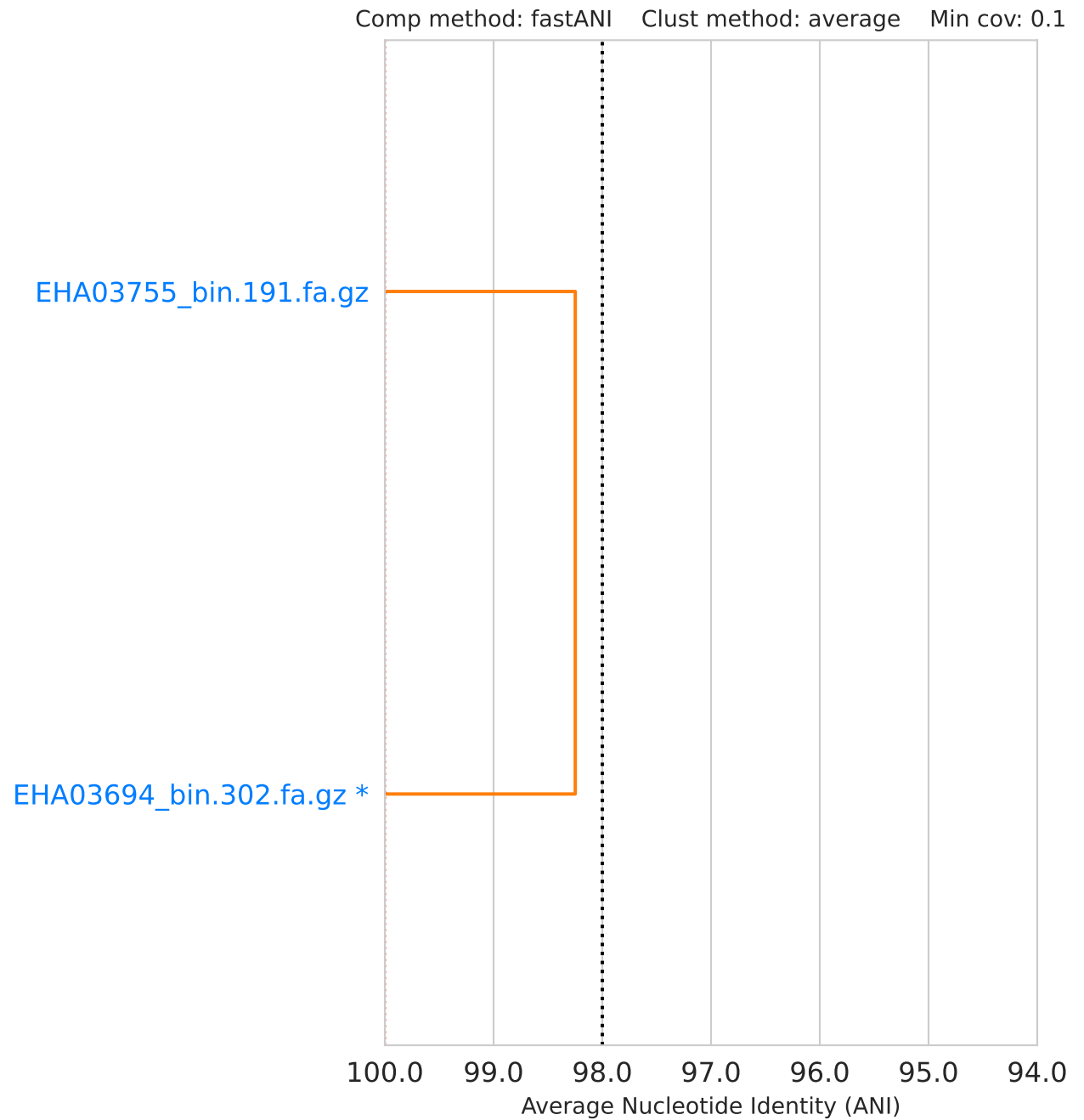
# Primary cluster 1183



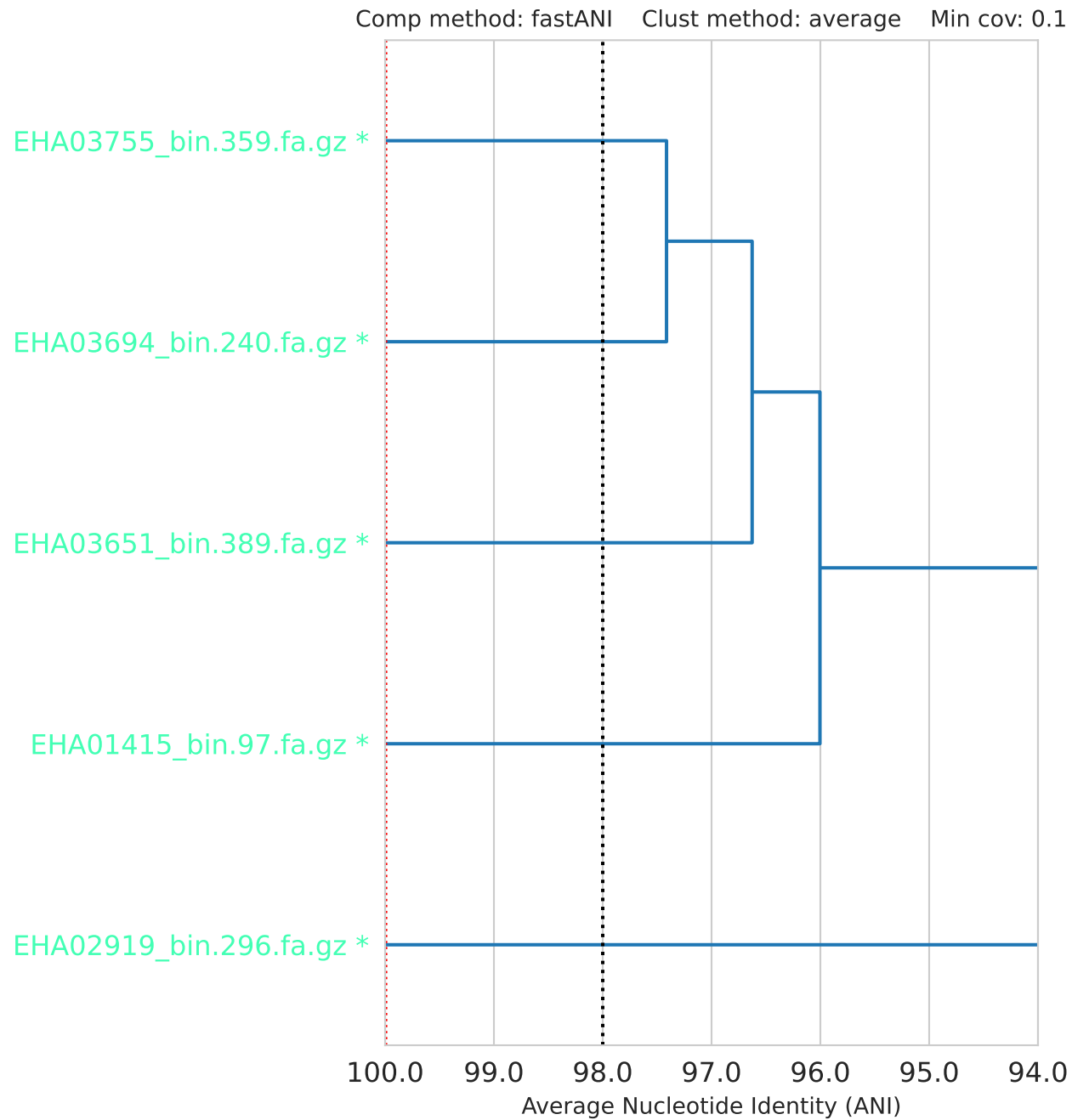
# Primary cluster 1185



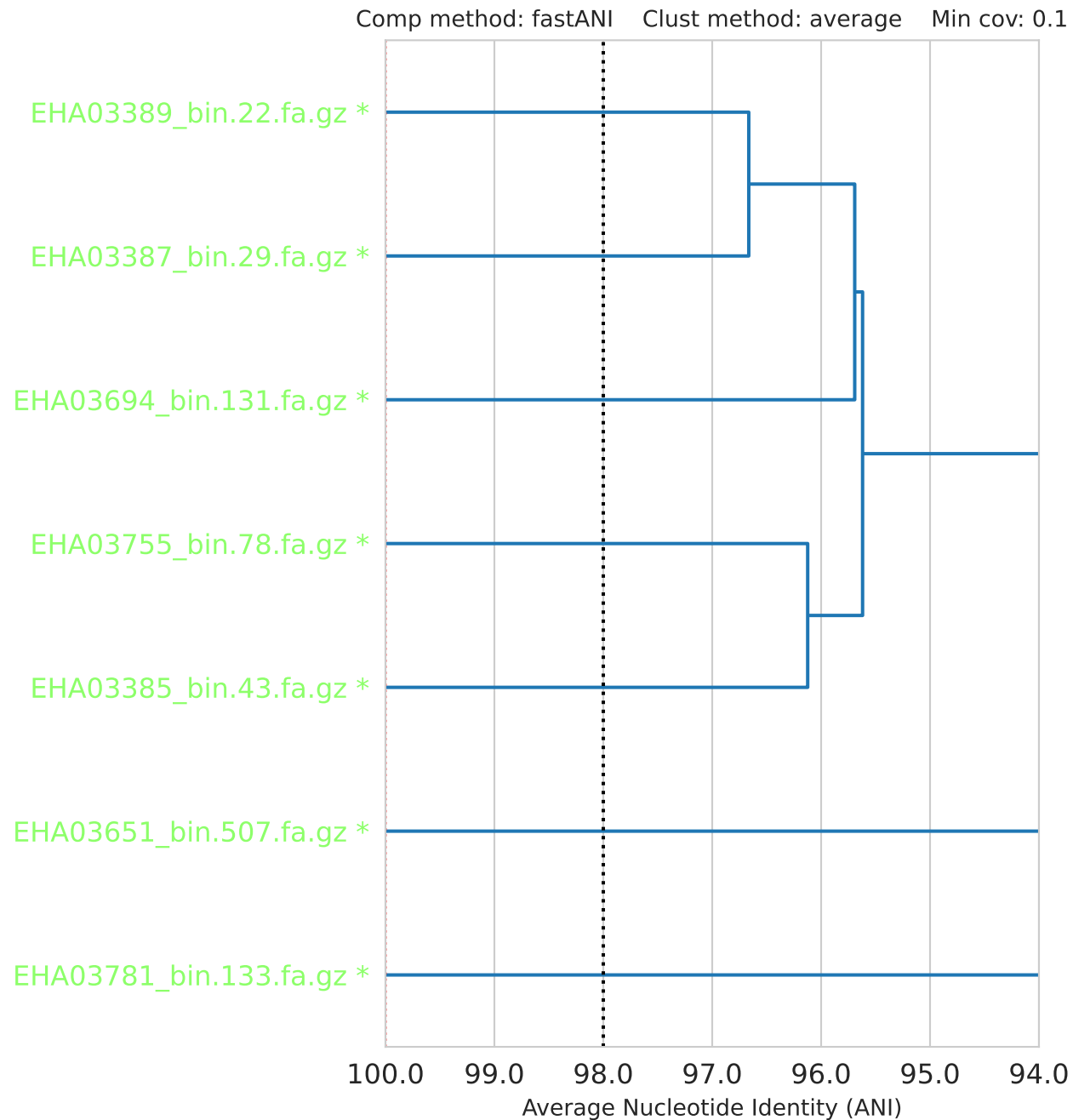
# Primary cluster 1186



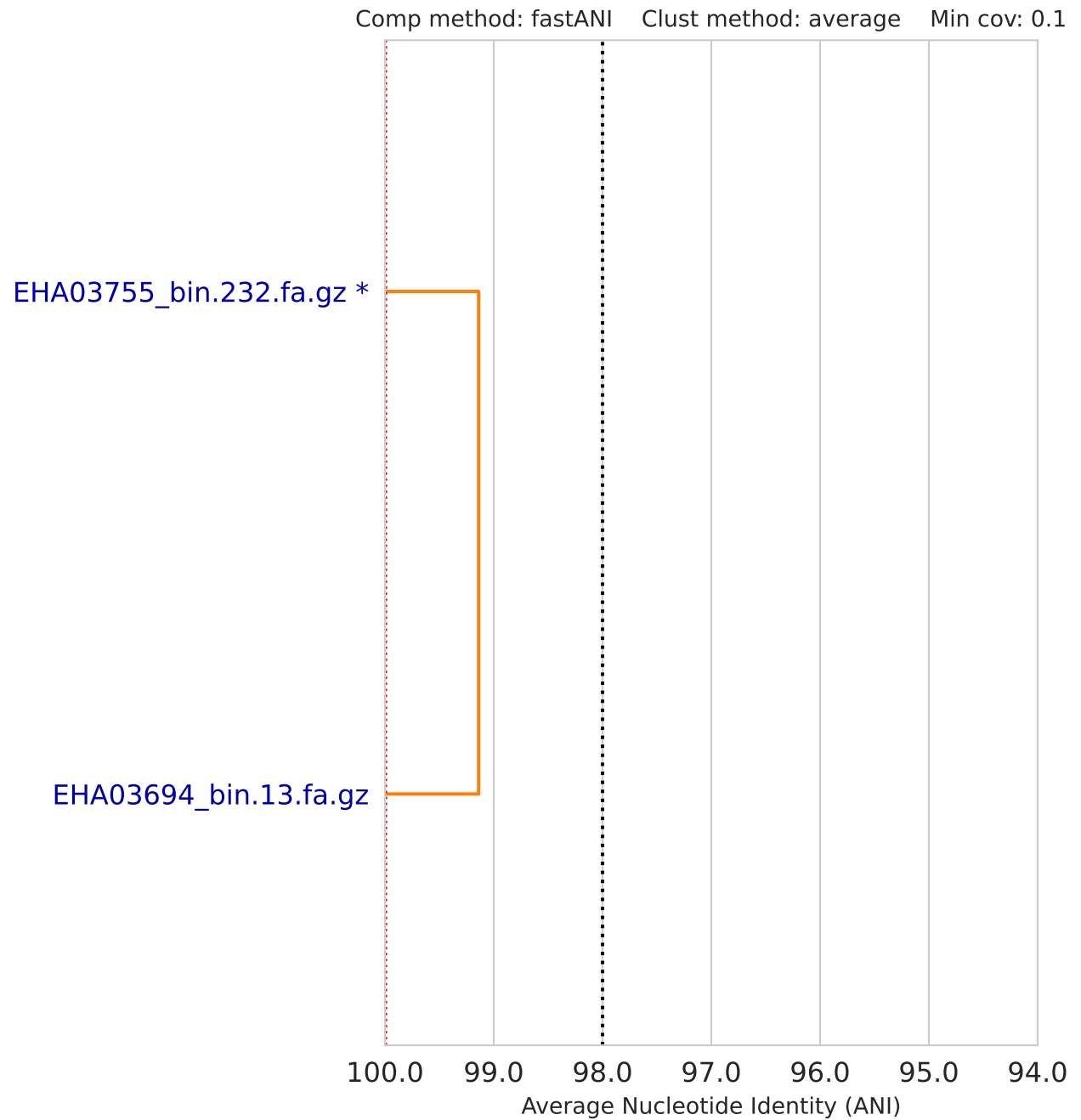
# Primary cluster 1187



# Primary cluster 1188

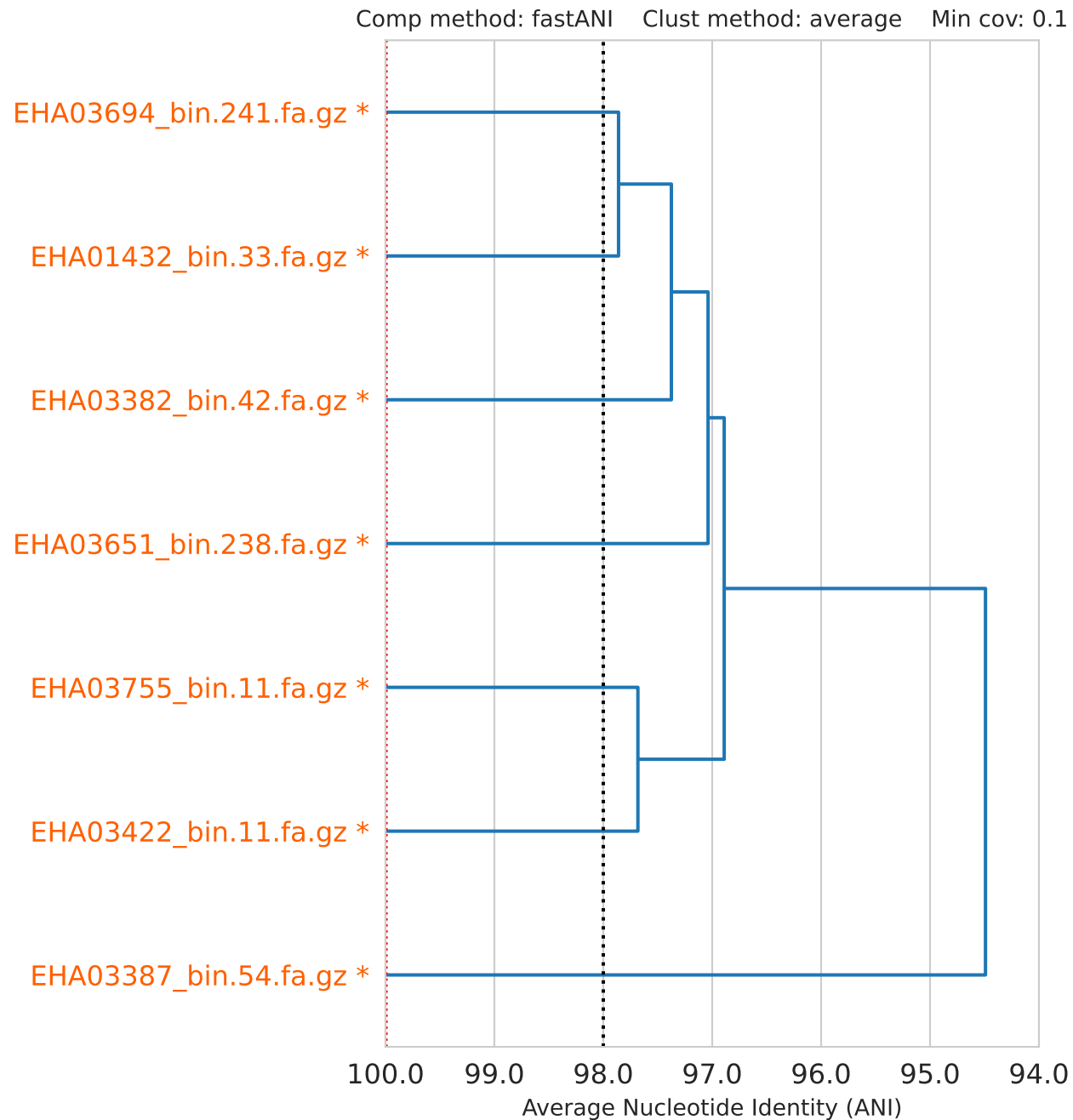


# Primary cluster 1190

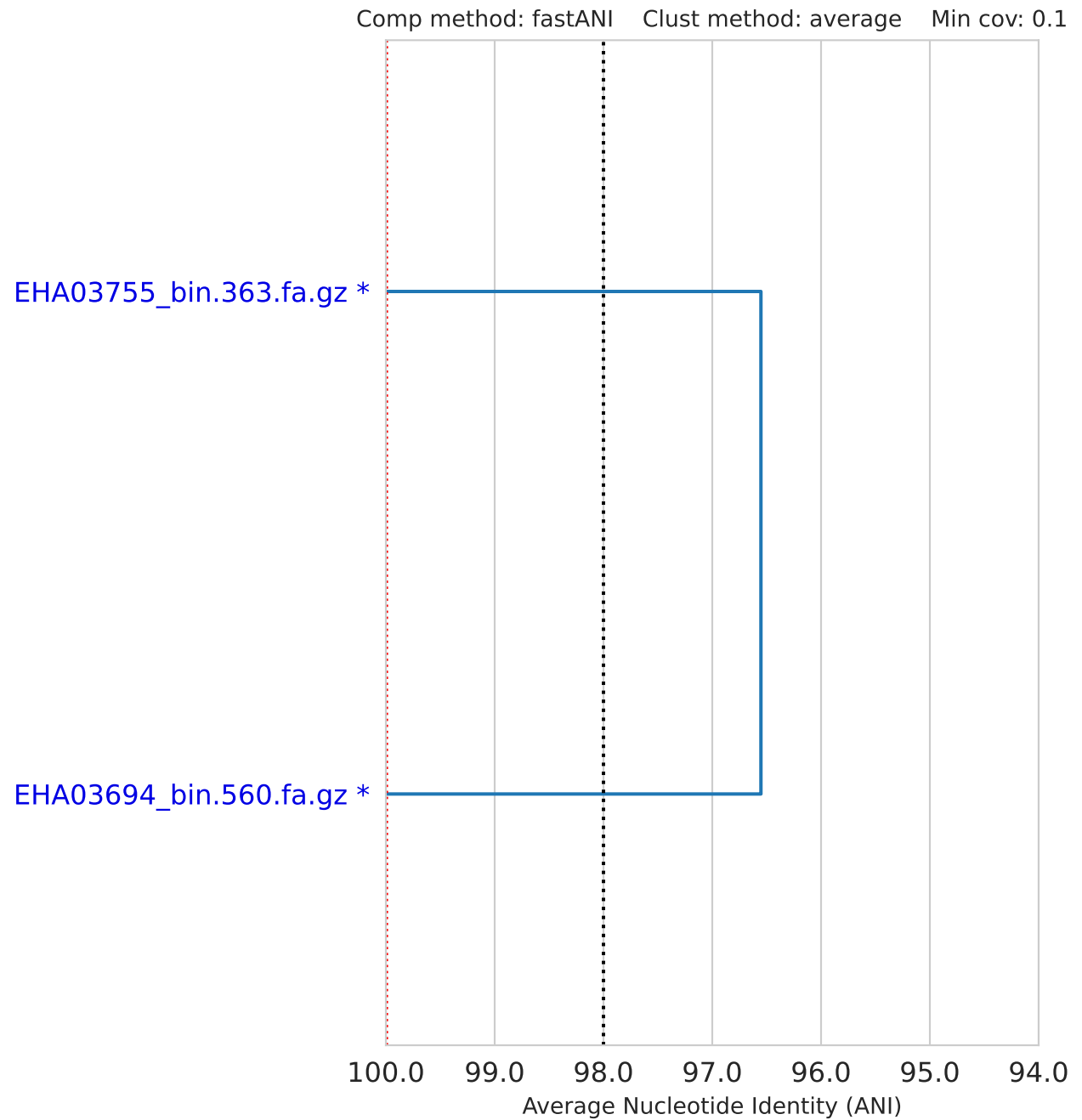




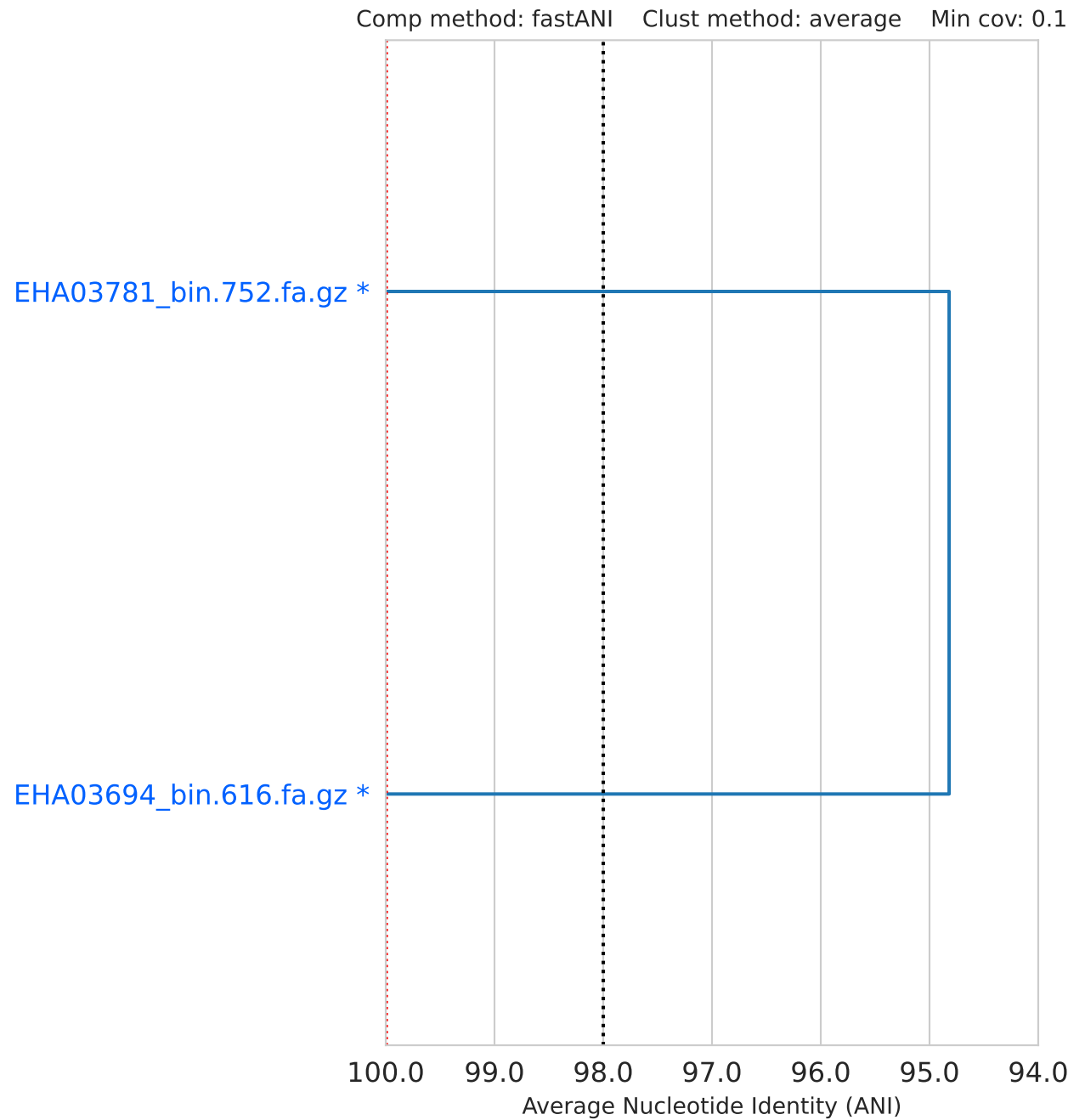
# Primary cluster 1191



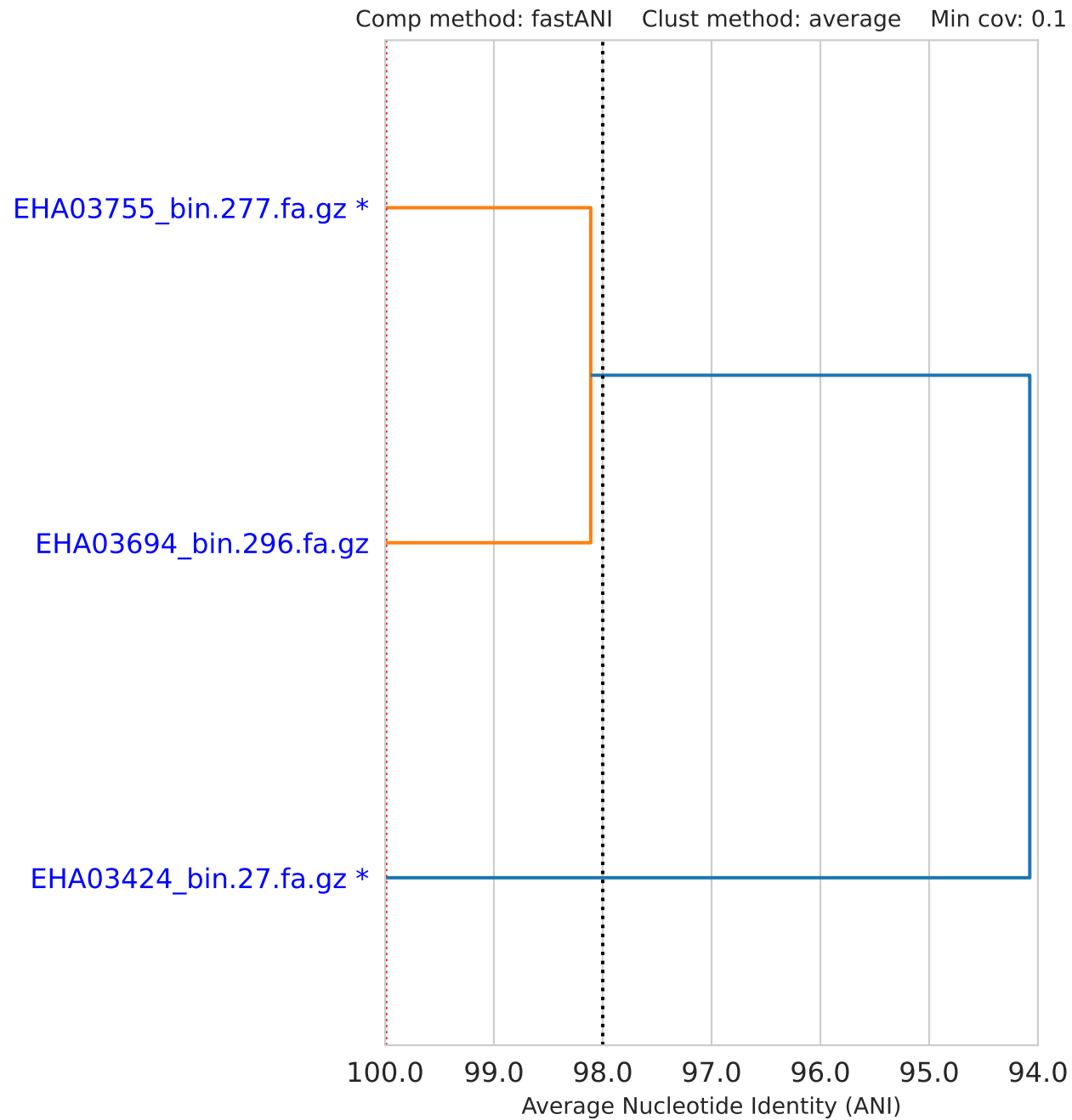
# Primary cluster 1193



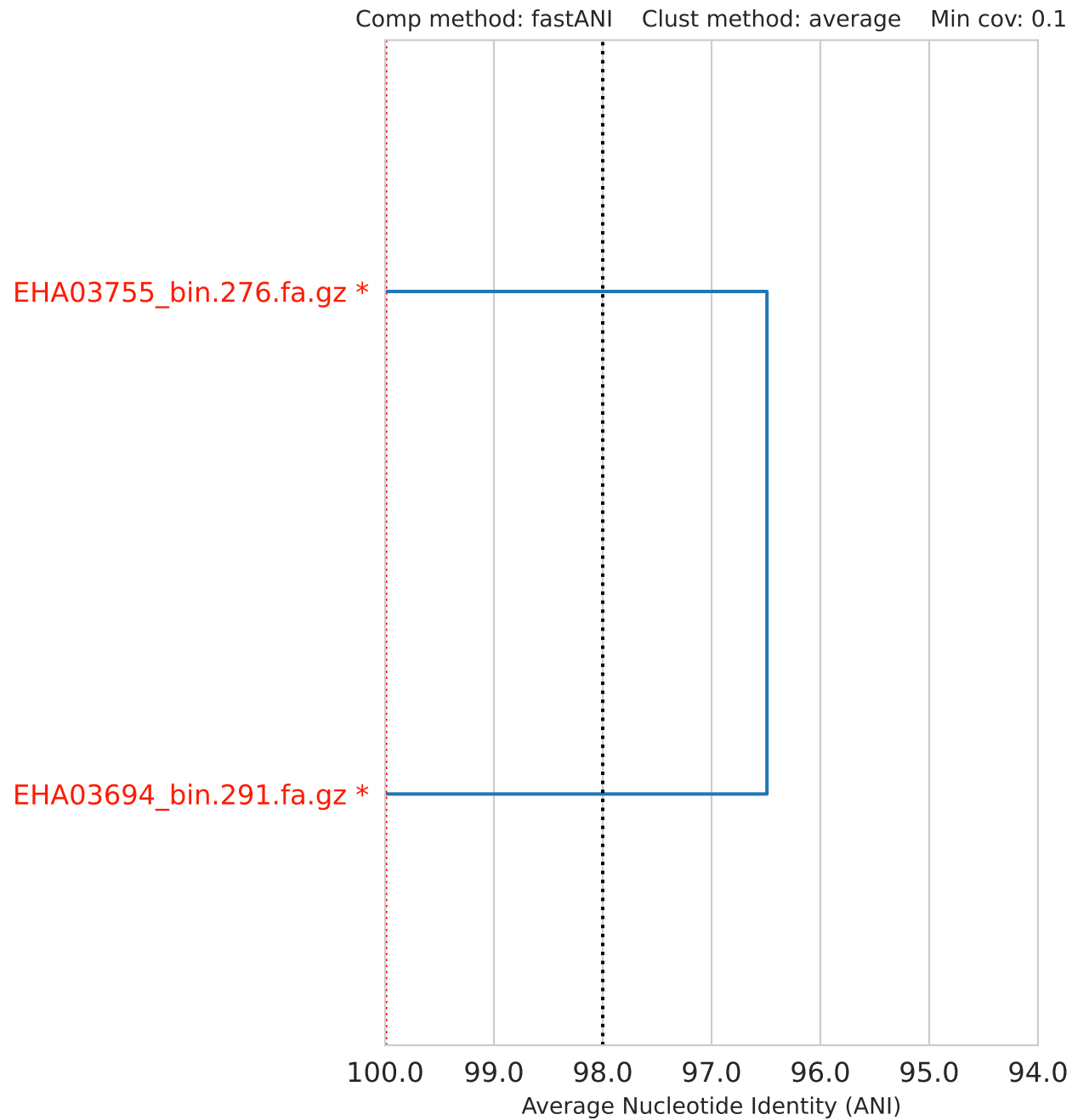
# Primary cluster 1194



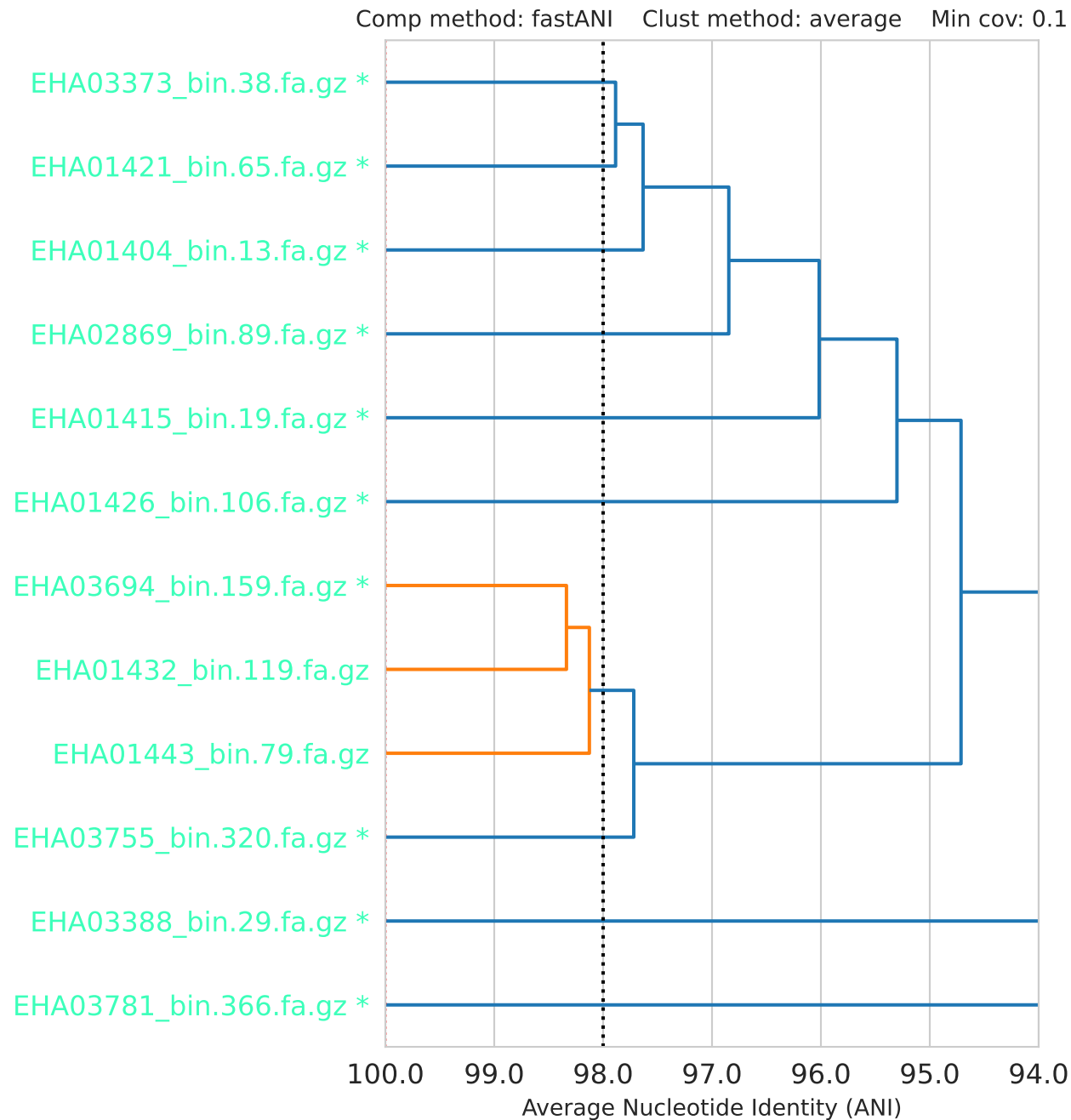
# Primary cluster 1196



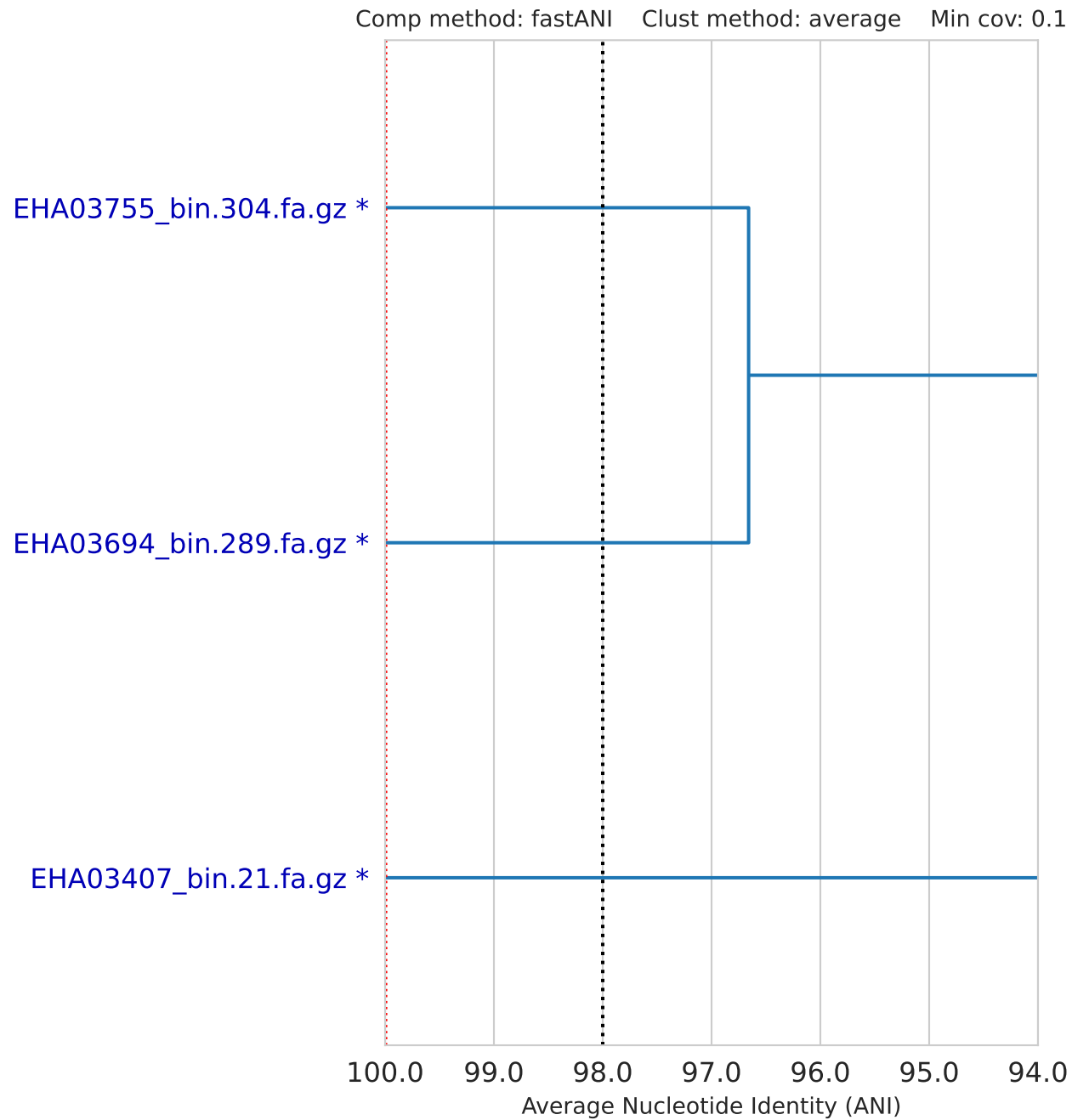
# Primary cluster 1197



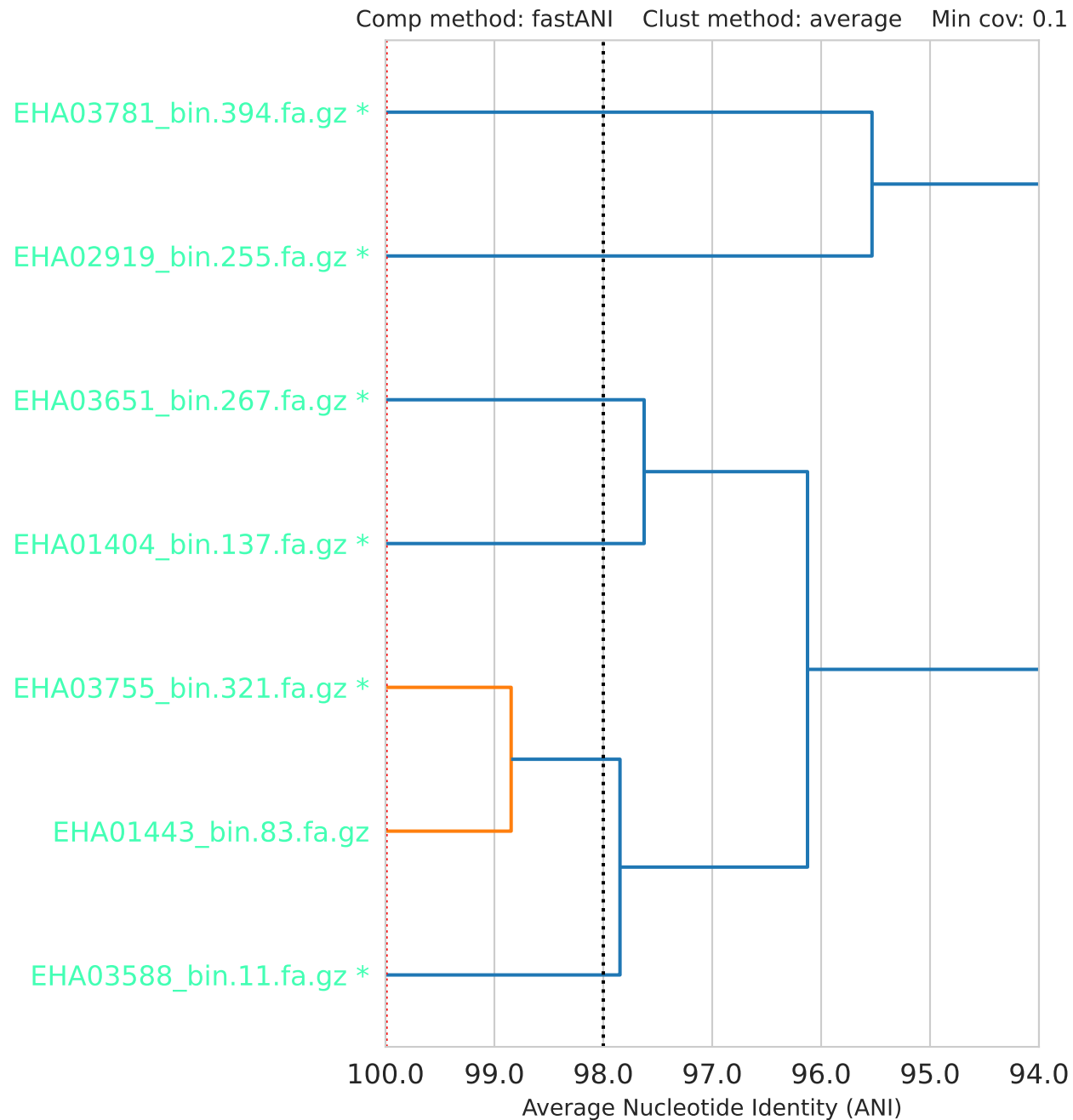
# Primary cluster 1199



# Primary cluster 1200

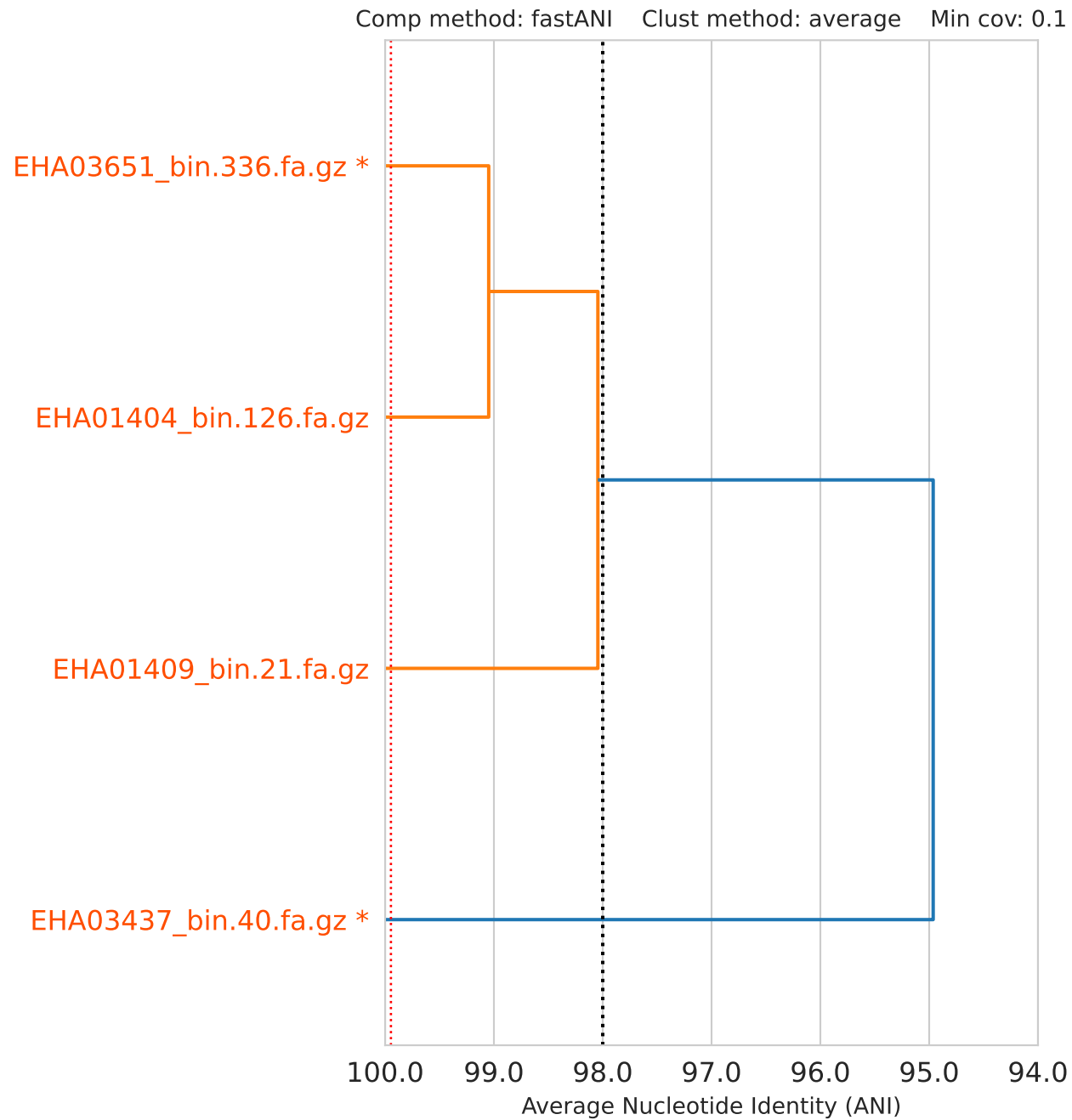


# Primary cluster 1203

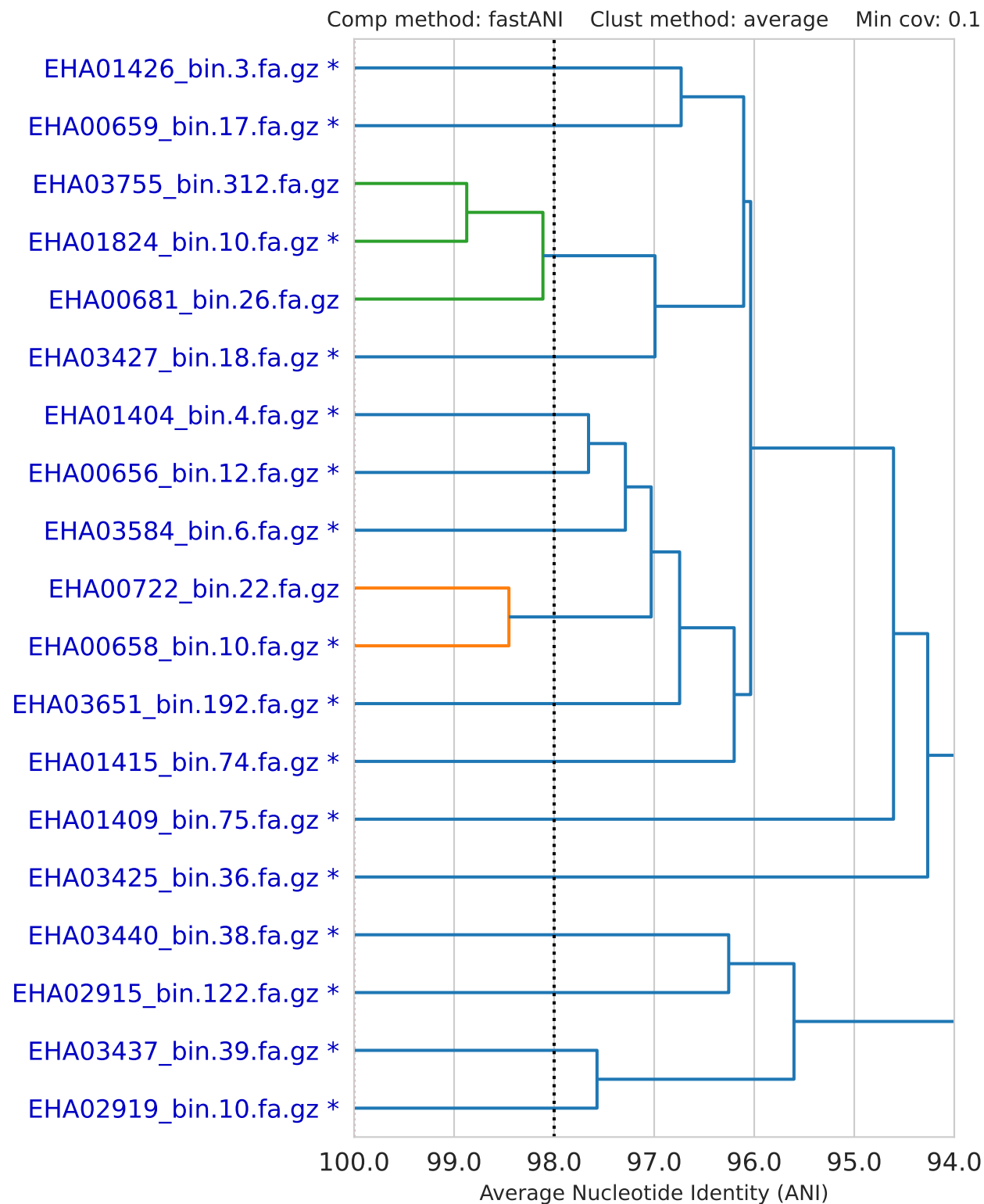




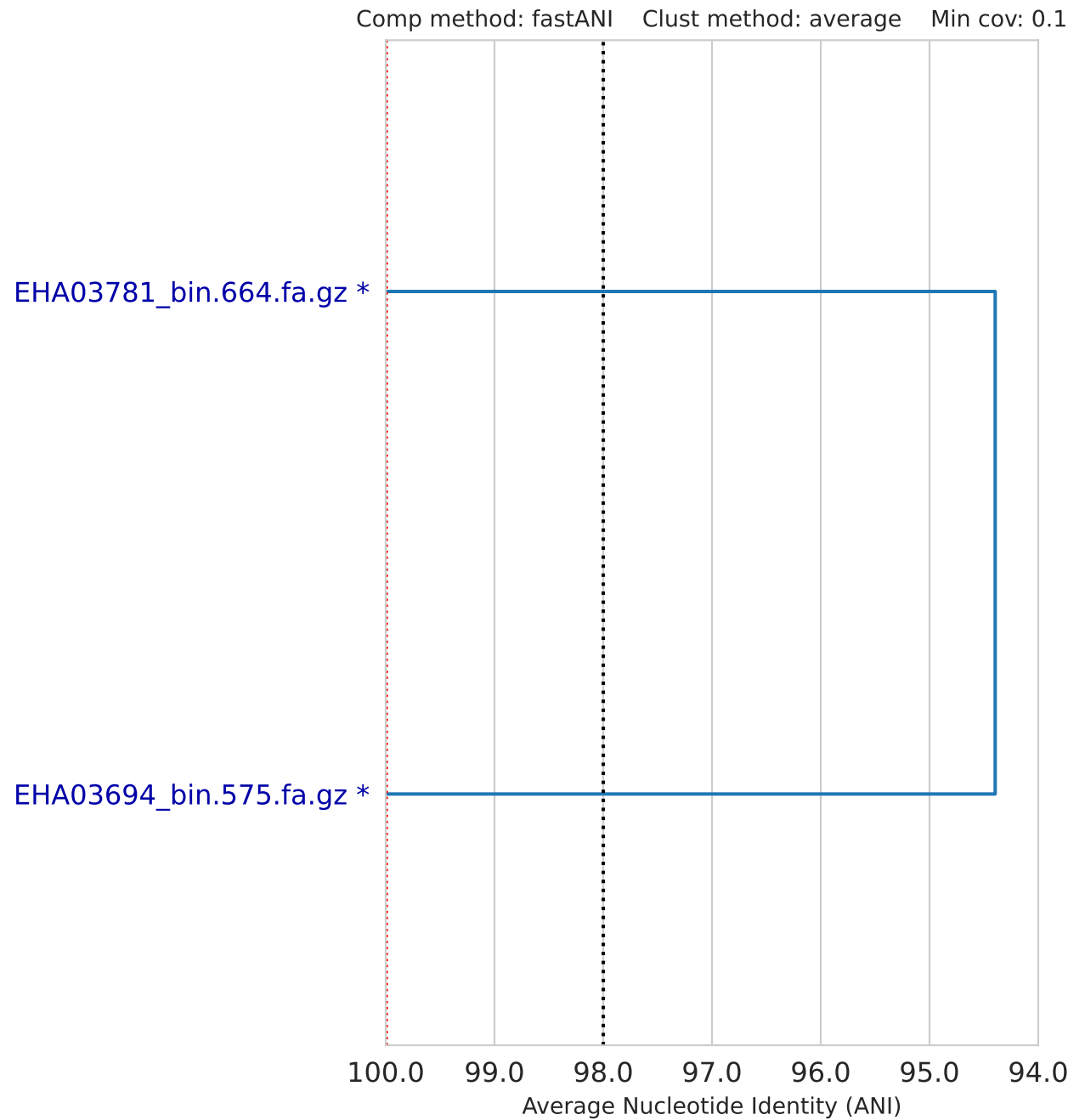
# Primary cluster 1205



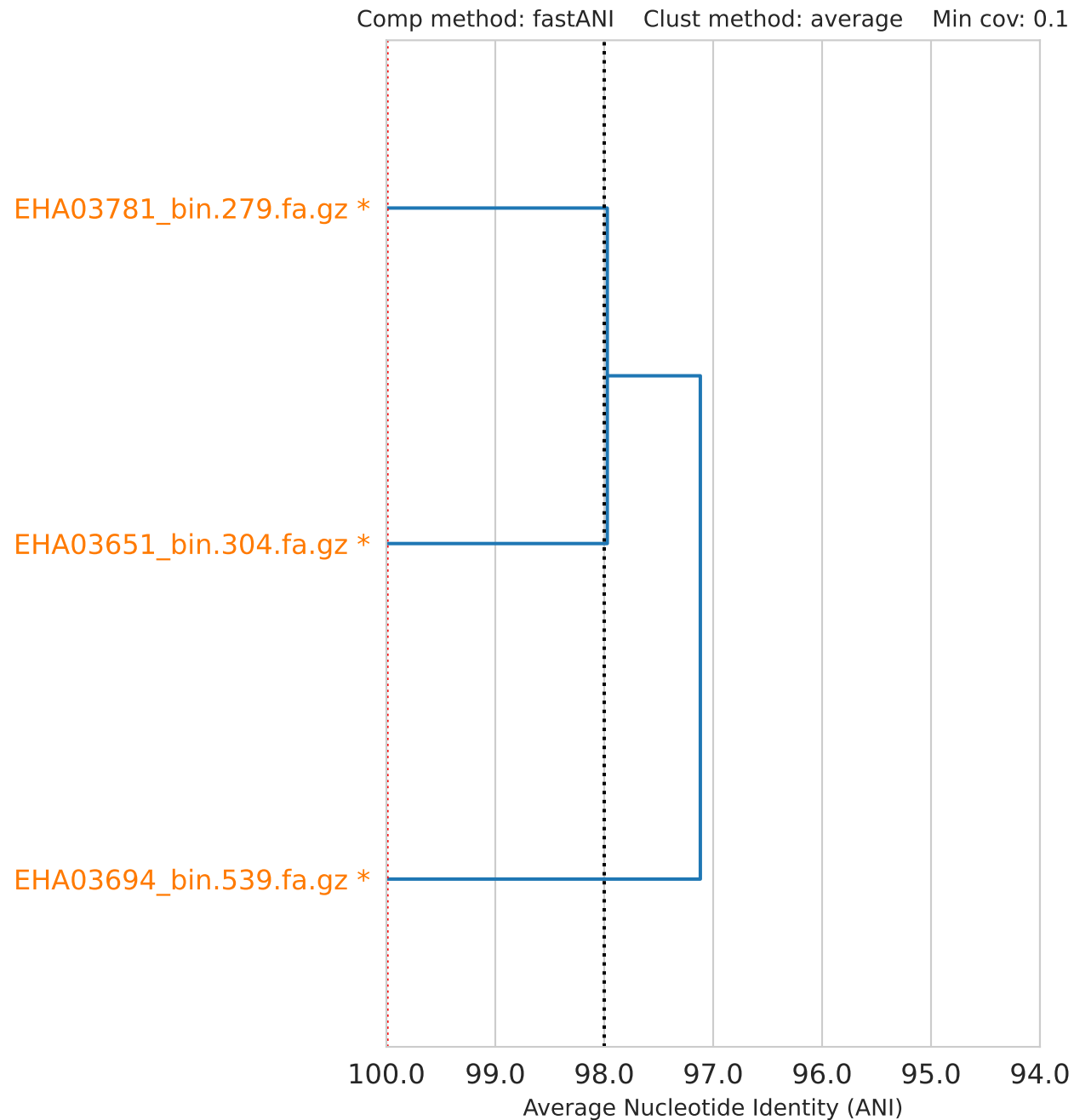
# Primary cluster 1206



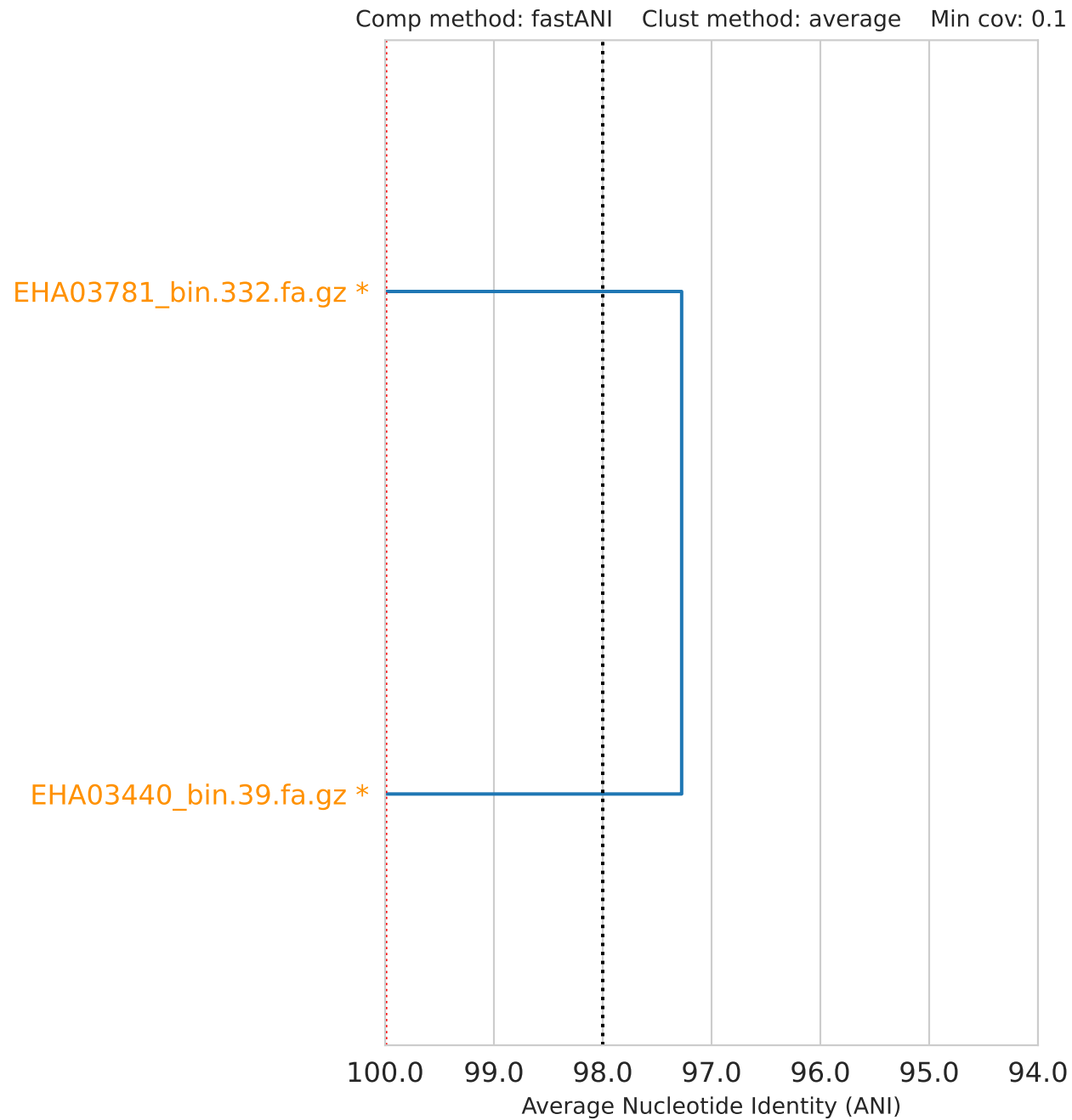
# Primary cluster 1209



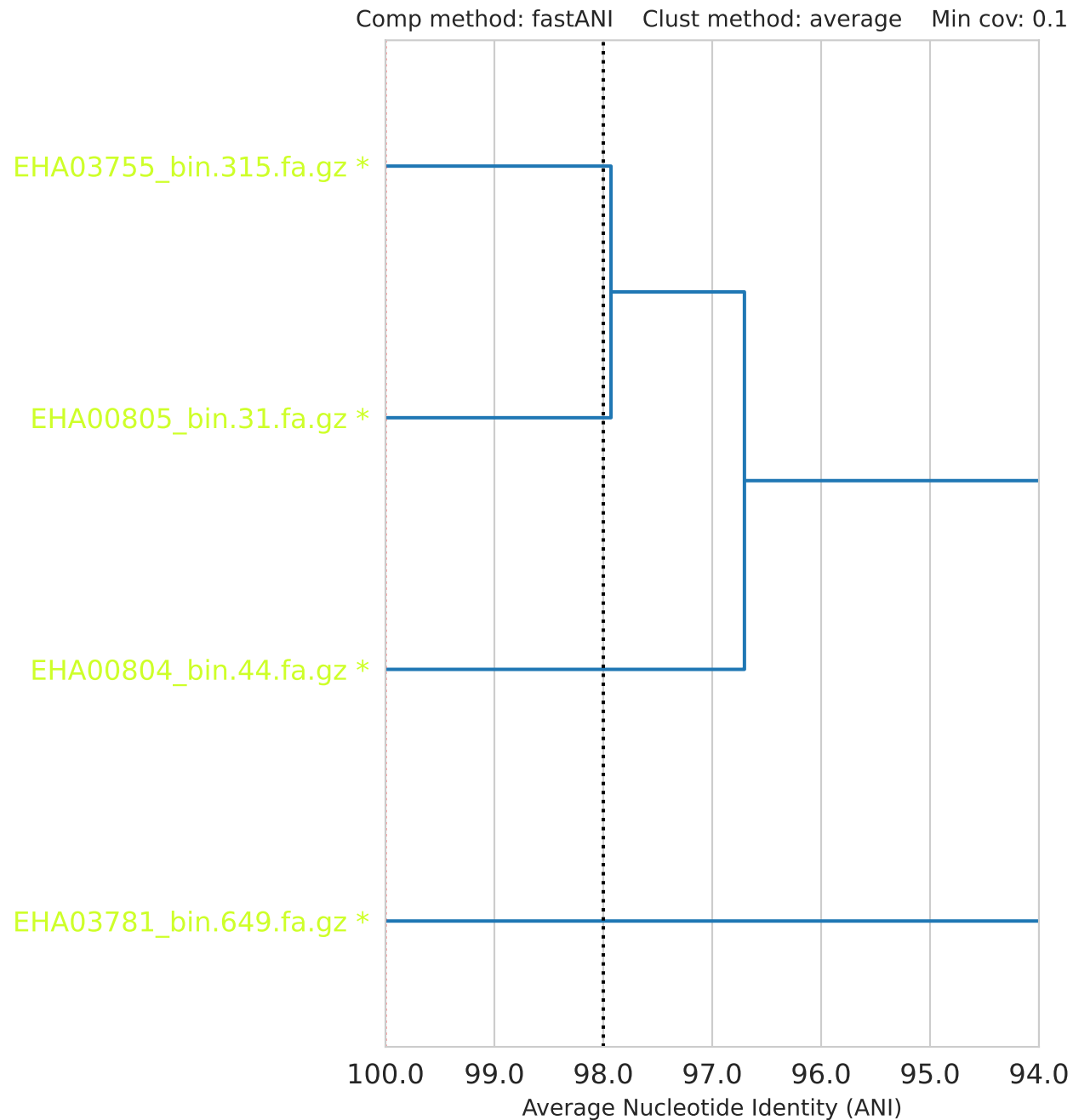
# Primary cluster 1210



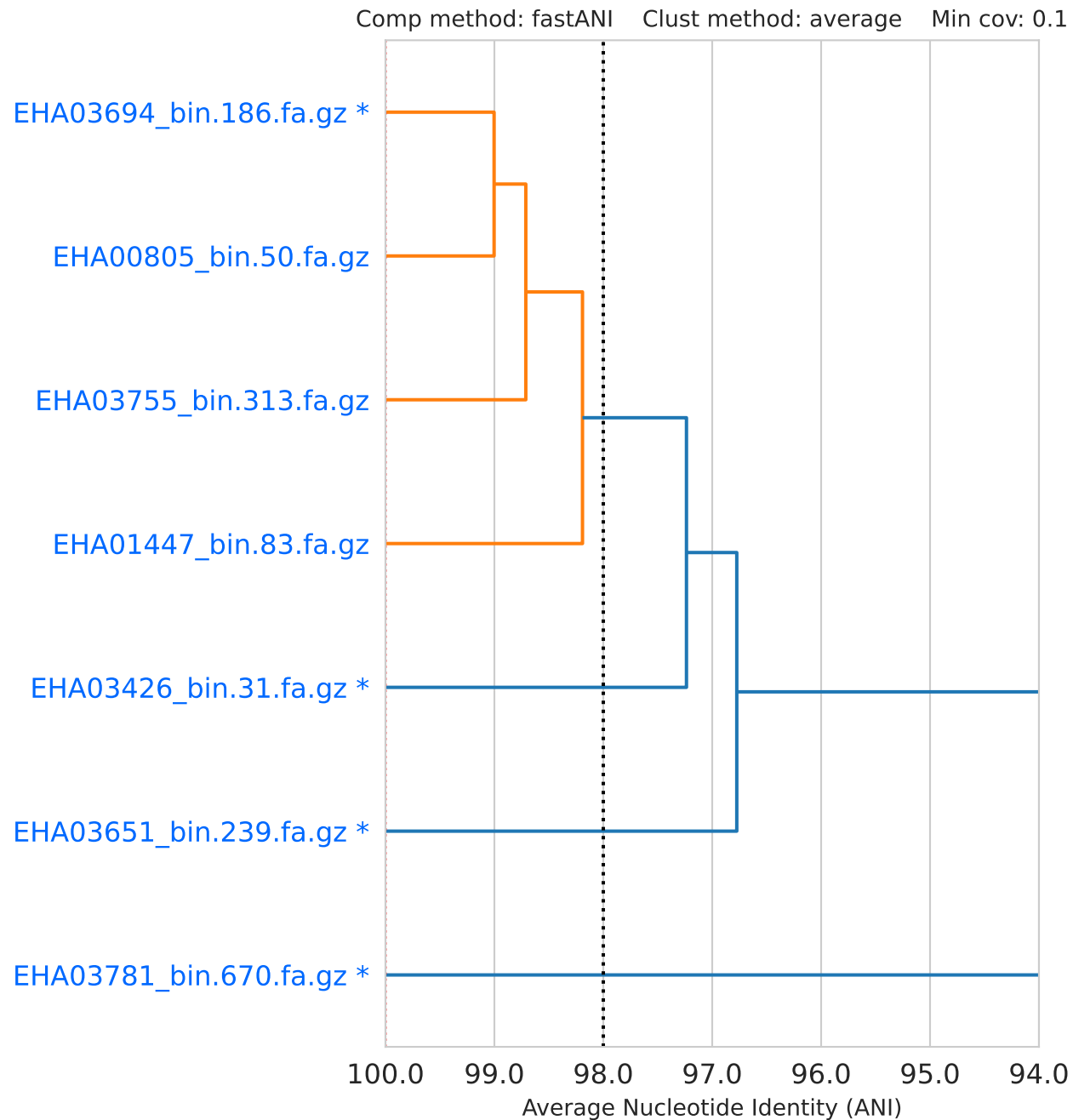
# Primary cluster 1211



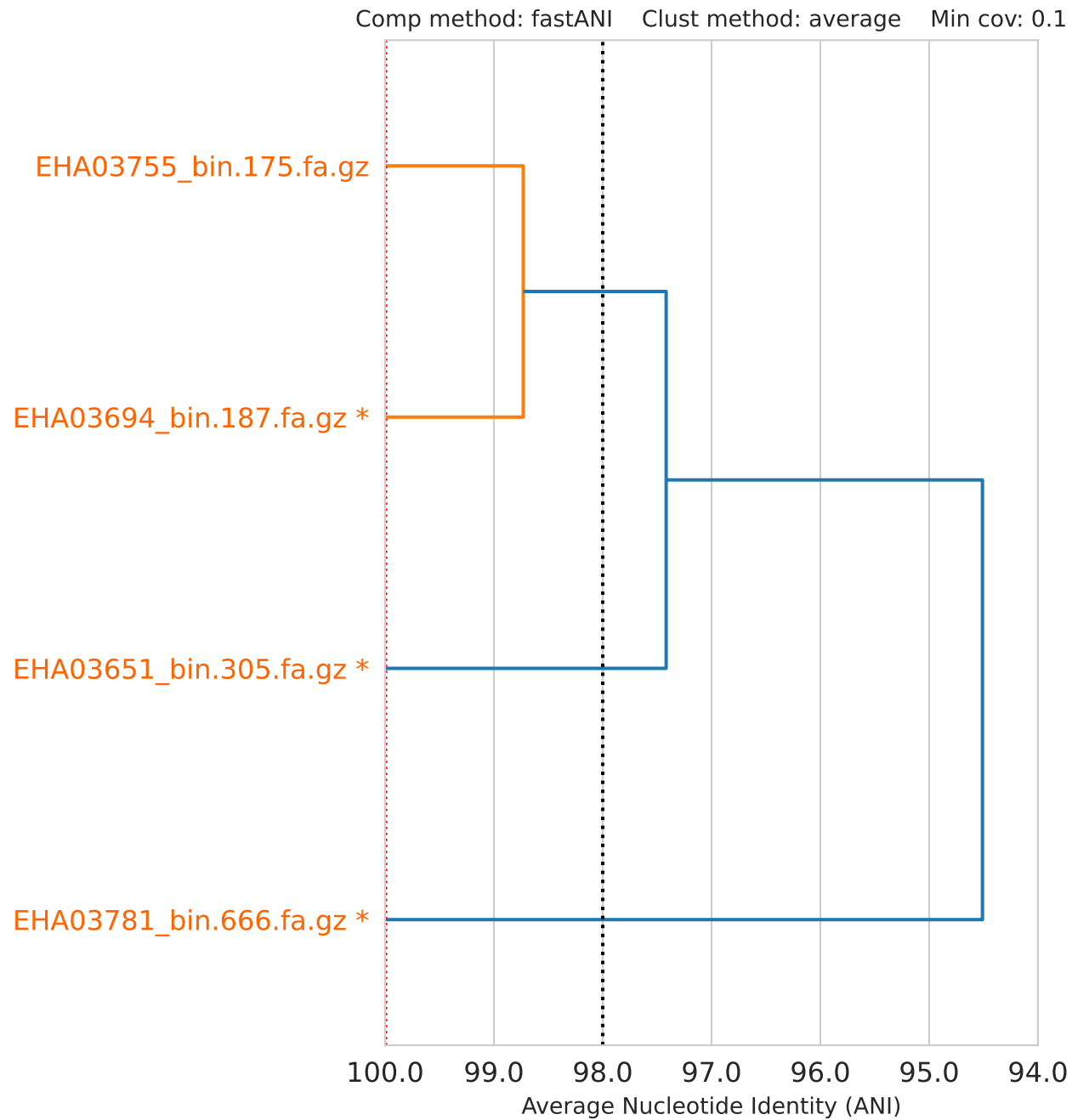
# Primary cluster 1212



# Primary cluster 1213

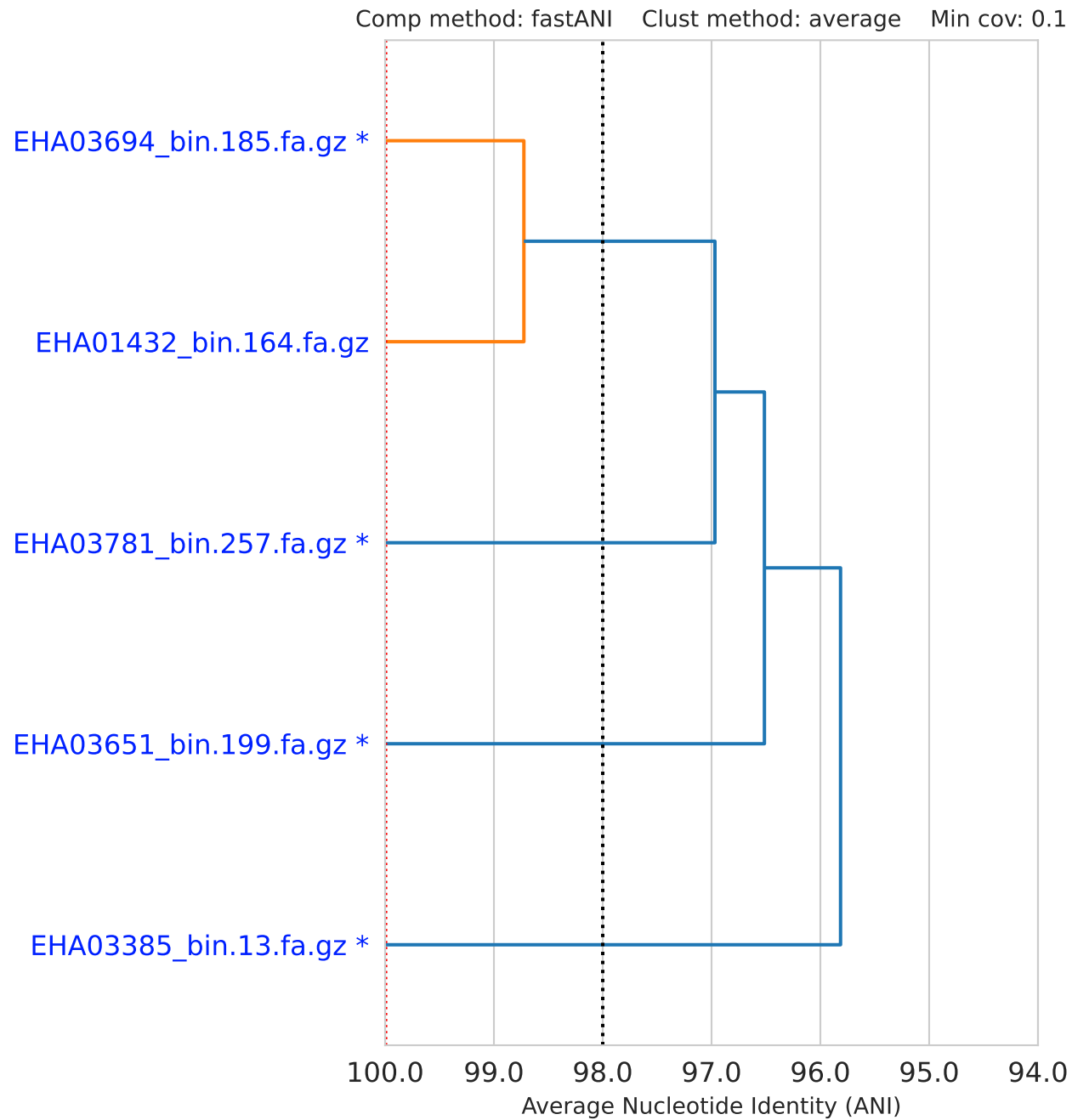


# Primary cluster 1215

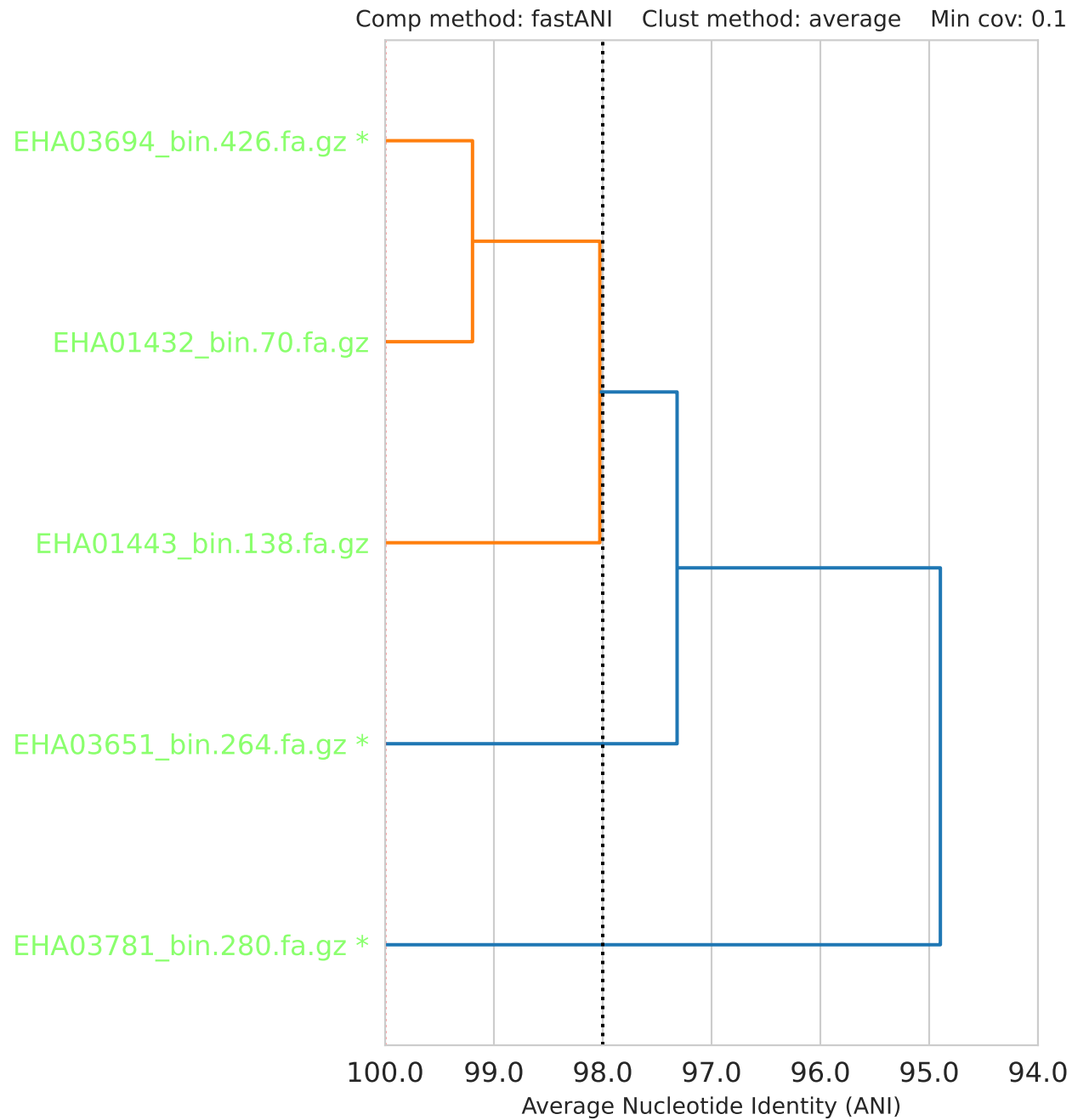




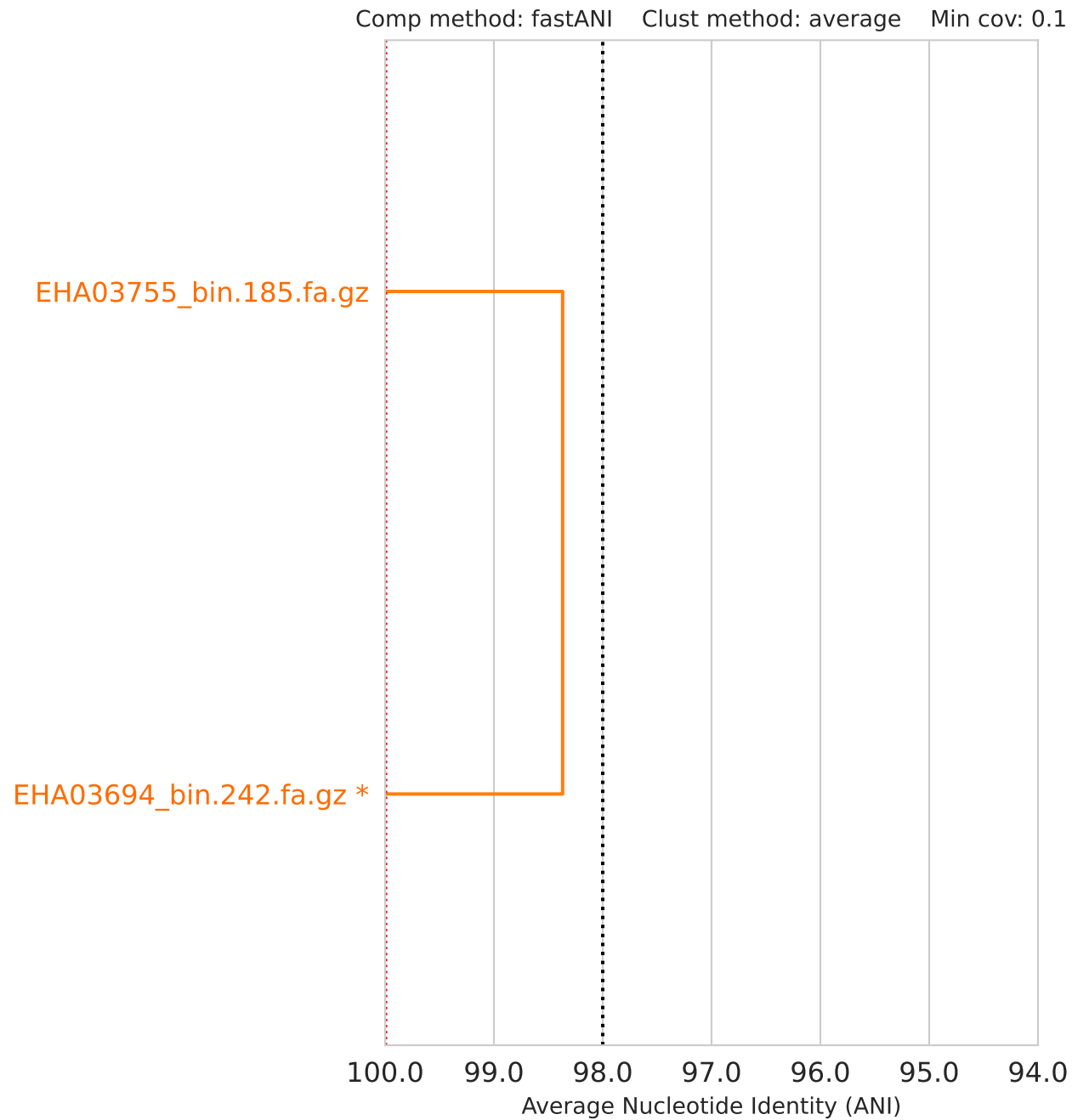
# Primary cluster 1218



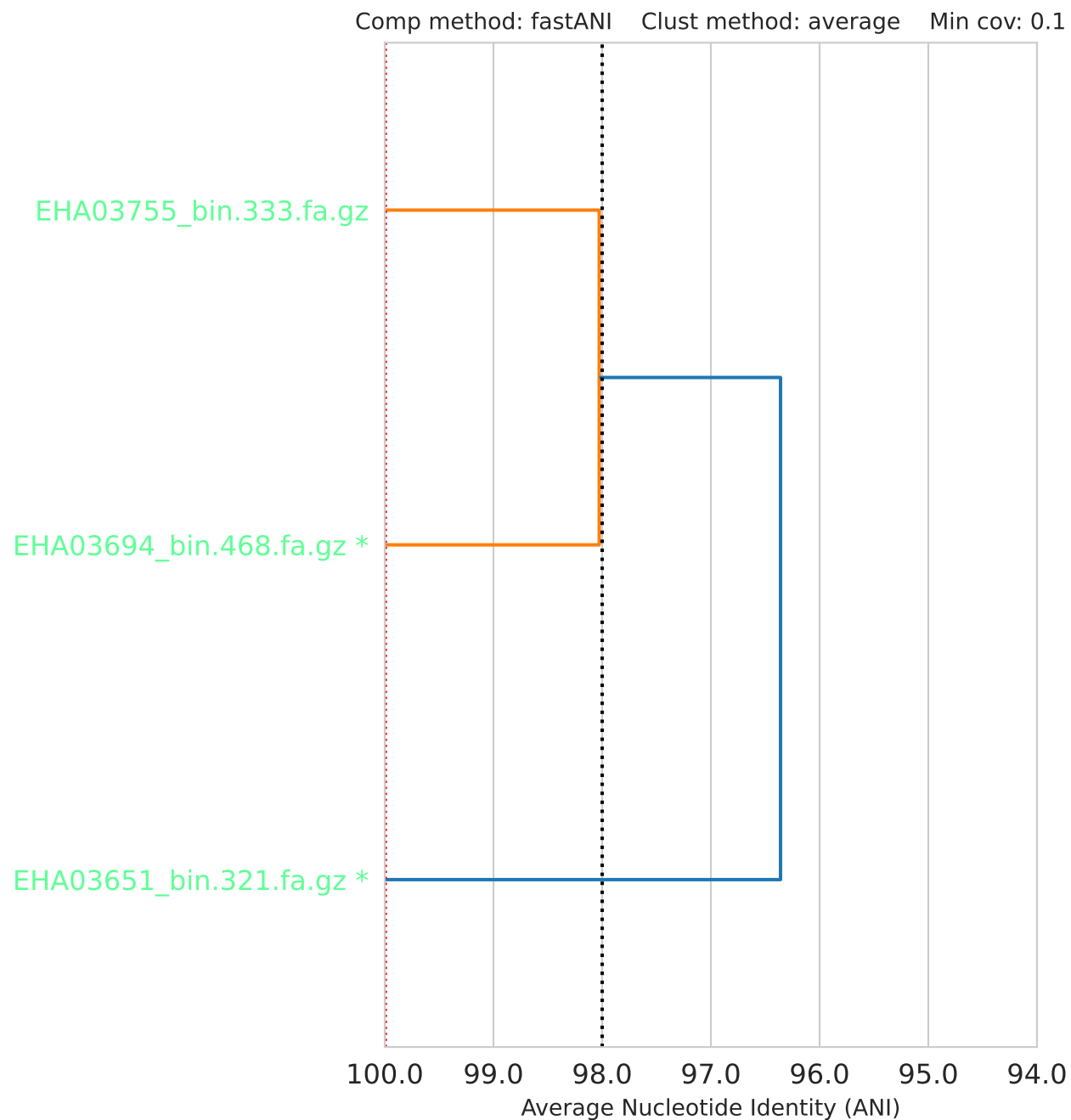
# Primary cluster 1219



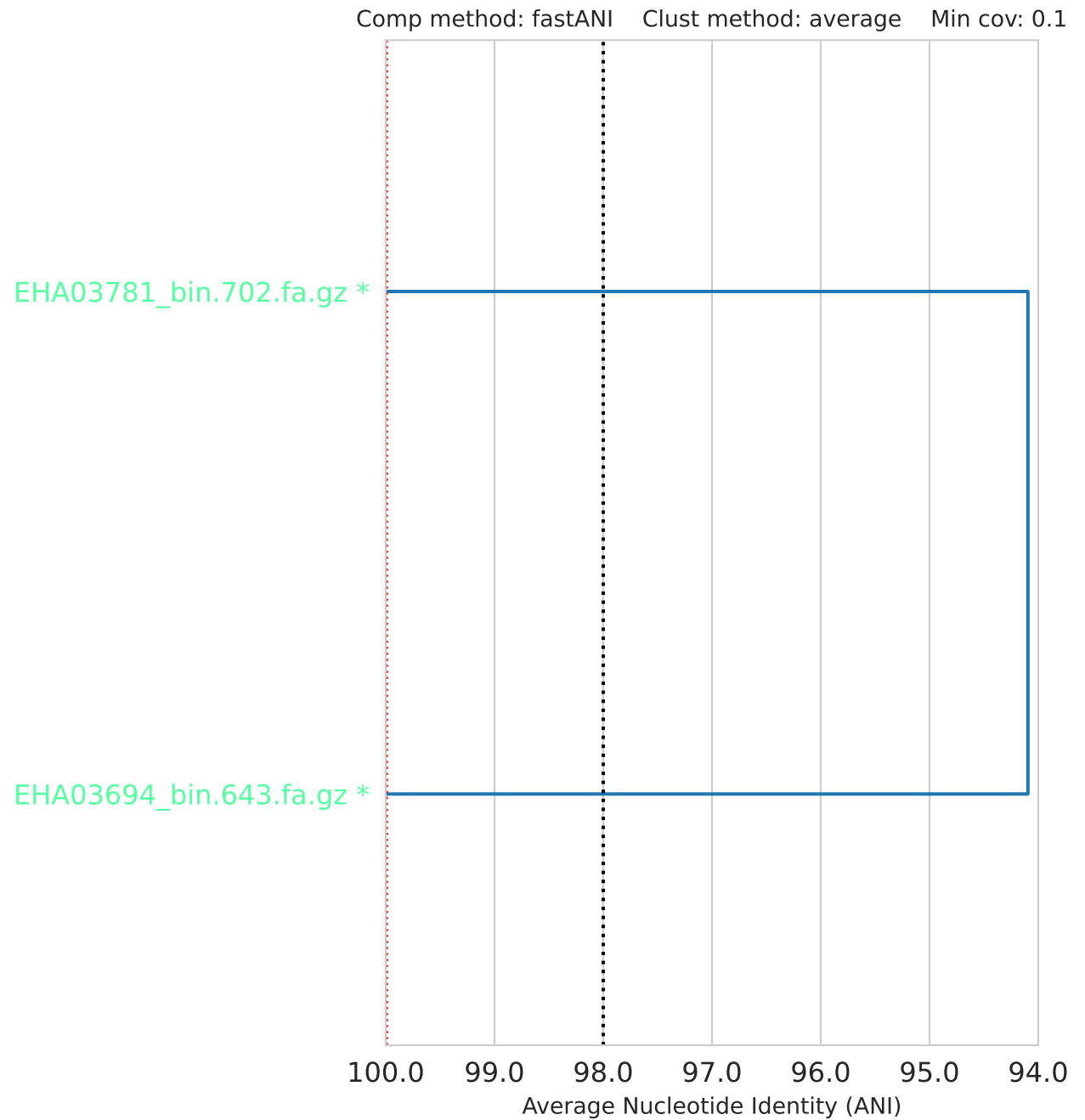
# Primary cluster 1220



# Primary cluster 1221



# Primary cluster 1222



# Primary cluster 1226

