Primary cluster 14

Comp method: fastANI   Clust method: average   Min cov: 0.1
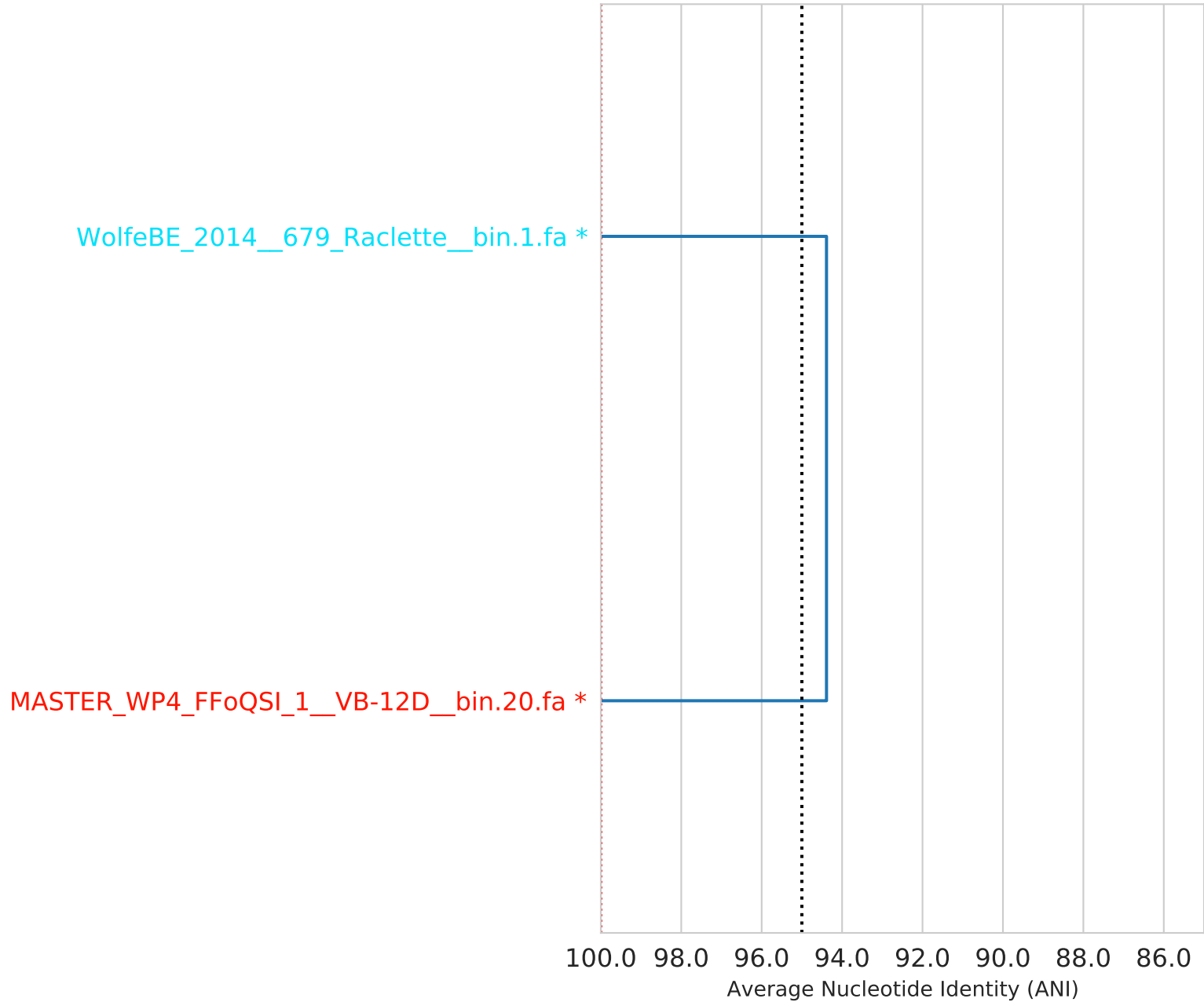
WolfeBE_2014__679_Raclette__bin.1.fa *

MASTER_WP4_FFoQSI_1__VB-12D__bin.20.fa *
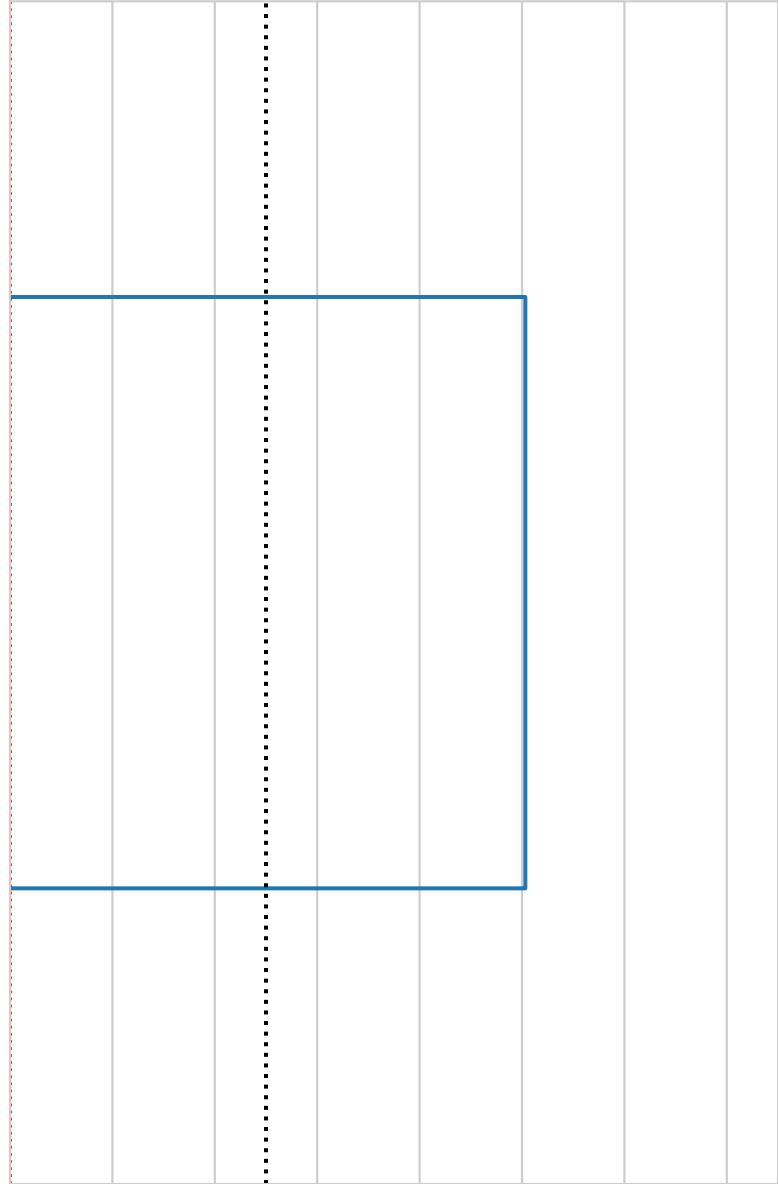
100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

Primary cluster 15

Primary cluster 26

Primary cluster 33

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

MortensenS_xxxx__WK032-1-L-48h-03B6_S34__bin.2.fa *

LeechJ_xxxx__AF53__bin.1.fa *

DeRoosJ_2020__B3M__bin.1.fa *

LandisEA_2021__SRS5652995__bin.9.fa *

LandisEA_2021__SRS5653137__bin.6.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

Primary cluster 34

WalshL_xxxx__I1__bin.1.fa *

MortensenS_xxxx__WK030-2-L-48h-03A9_S28__bin.2.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

Primary cluster 45

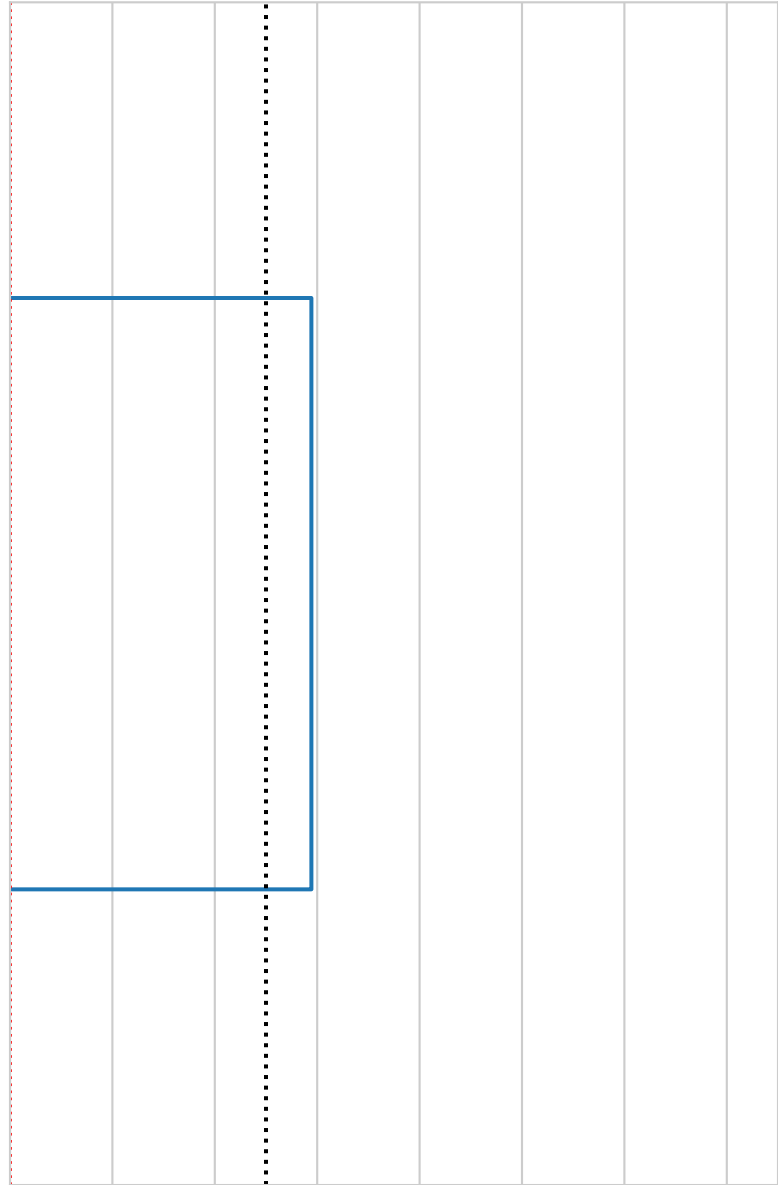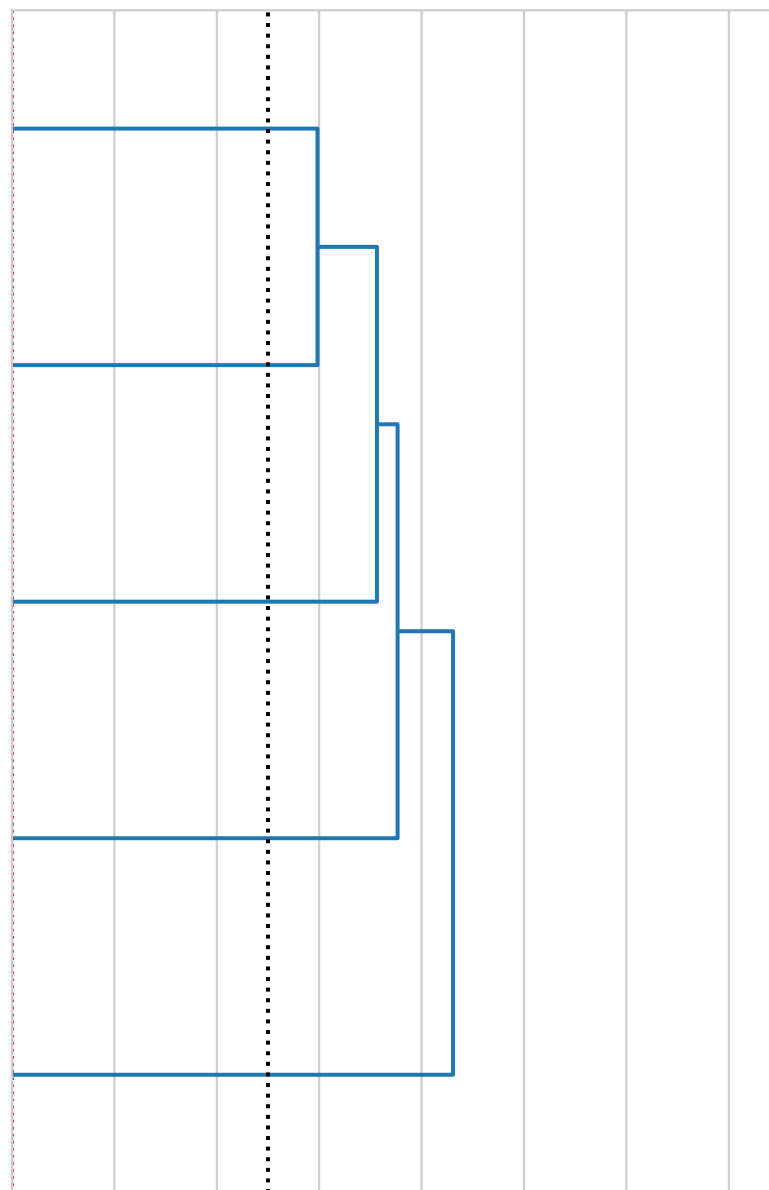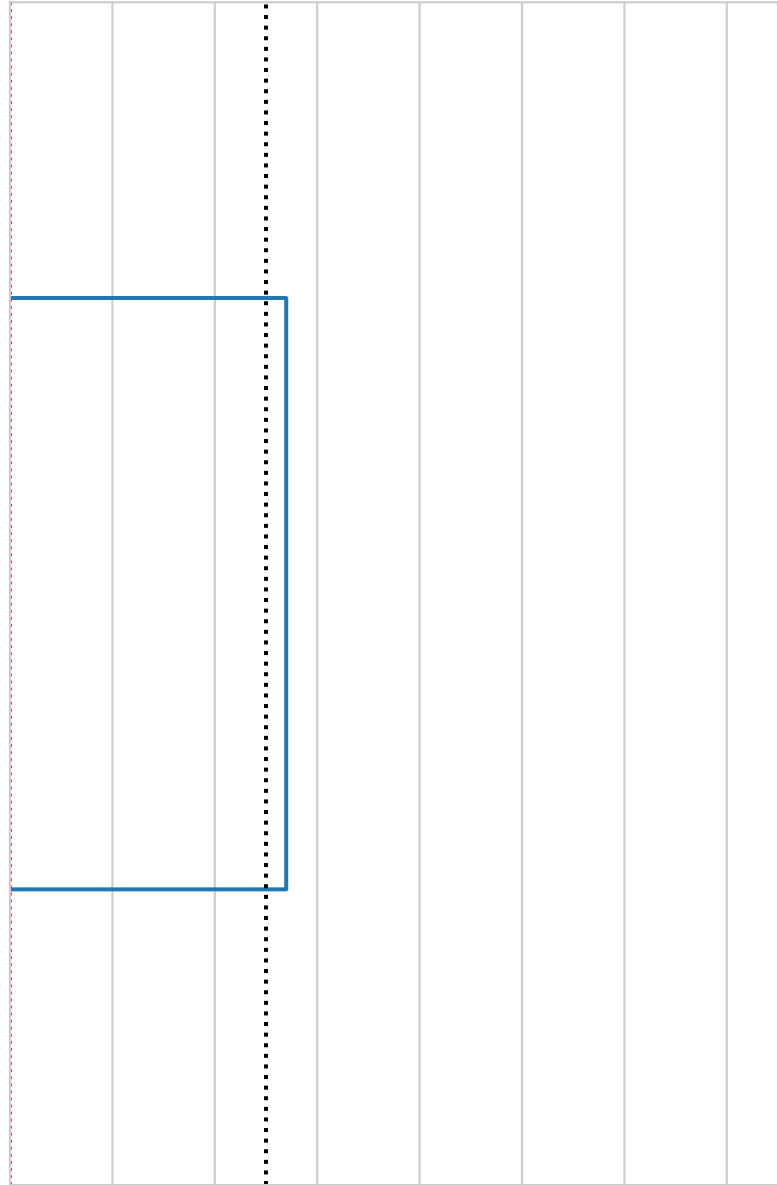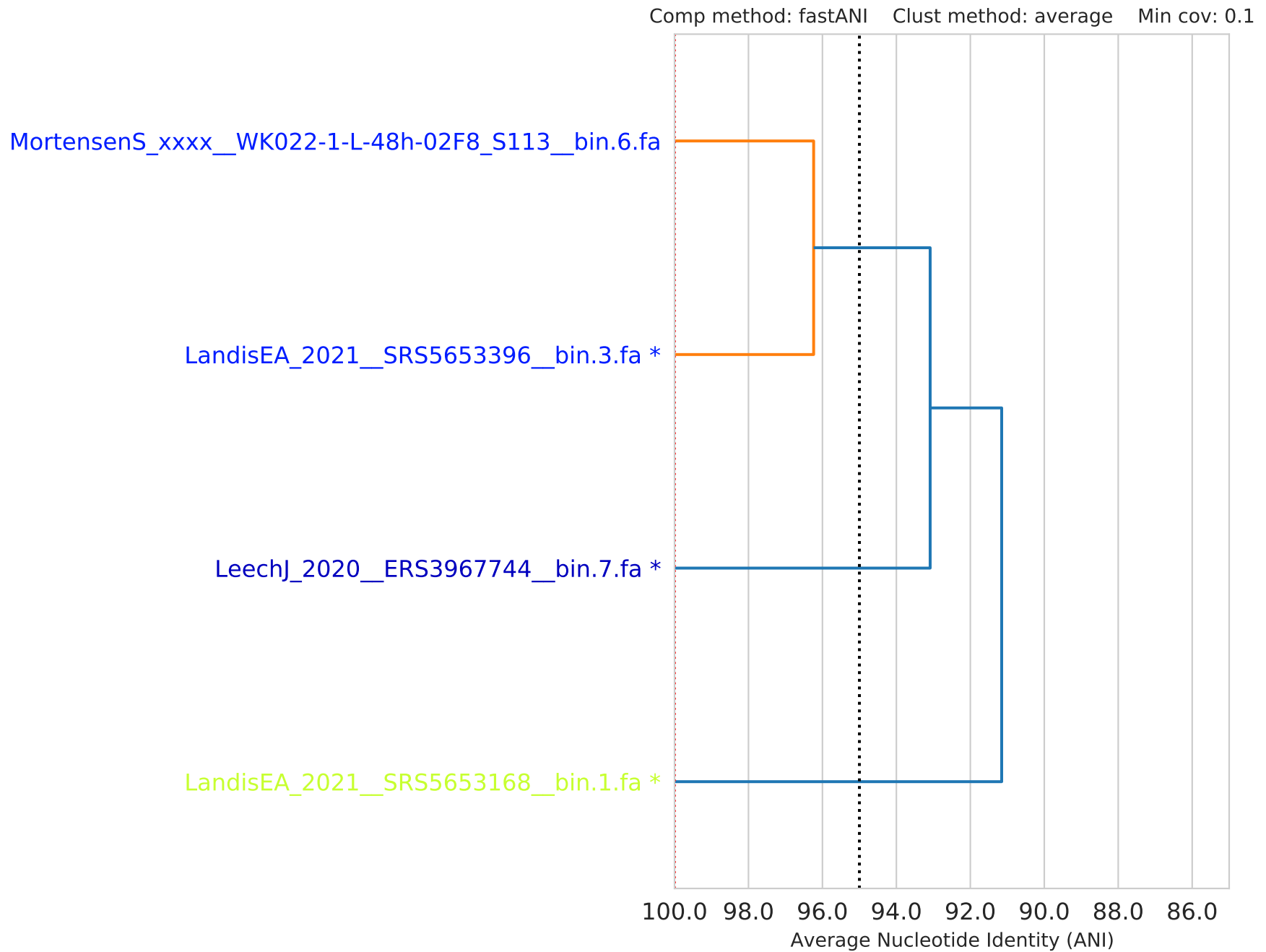Comp method: fastANI   Clust method: average   Min cov: 0.1

MortensenS_xxxx__WK022-1-L-48h-02F8_S113__bin.6.fa

LandisEA_2021__SRS5653396__bin.3.fa *

LeechJ_2020__ERS3967744__bin.7.fa *

LandisEA_2021__SRS5653168__bin.1.fa *

Average Nucleotide Identity (ANI)

Primary cluster 51

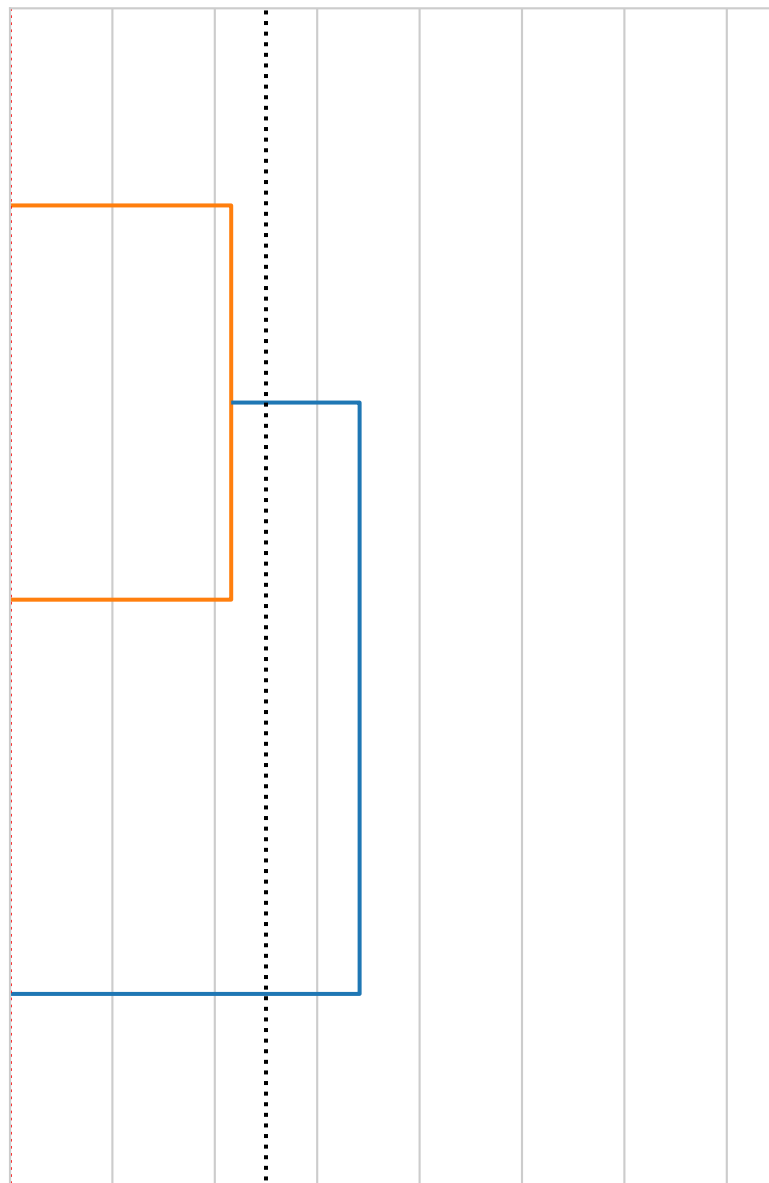Comp method: fastANI   Clust method: average   Min cov: 0.1

MortensenS_xxxx__WK059-2-L-48h-04H3_S37__bin.8.fa

MortensenS_xxxx__WK038-2-L-48h-03E5_S60__bin.2.fa *

LeechJ_2020__ERS3967690__bin.4.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0
Average Nucleotide Identity (ANI)

Primary cluster 53
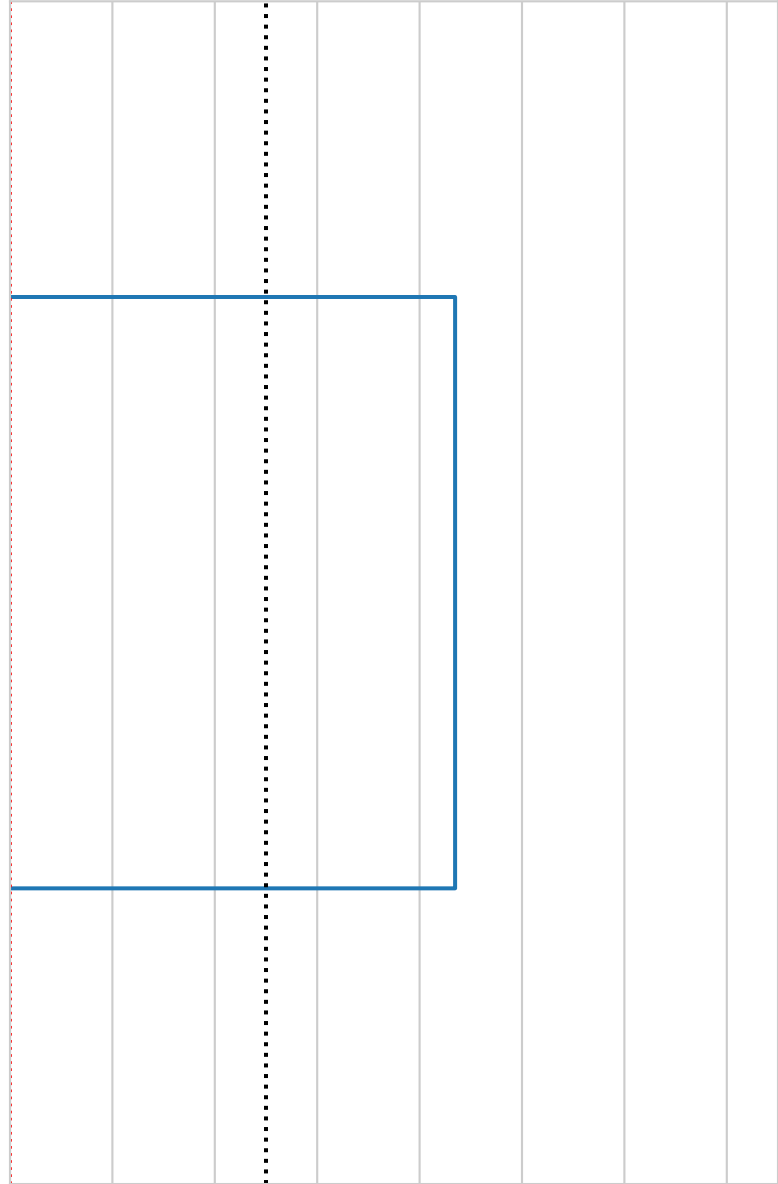
Primary cluster 54

Primary cluster 55

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

MortensenS_xxxx__WK014-2-L-48h-02C2_S80__bin.8.fa

LeechJ_2020__ERS3967701__bin.5.fa *

MortensenS_xxxx__WK049-1-L-08h-05A6_S58__bin.2.fa *

LeechJ_2020__ERS3967697__bin.7.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0
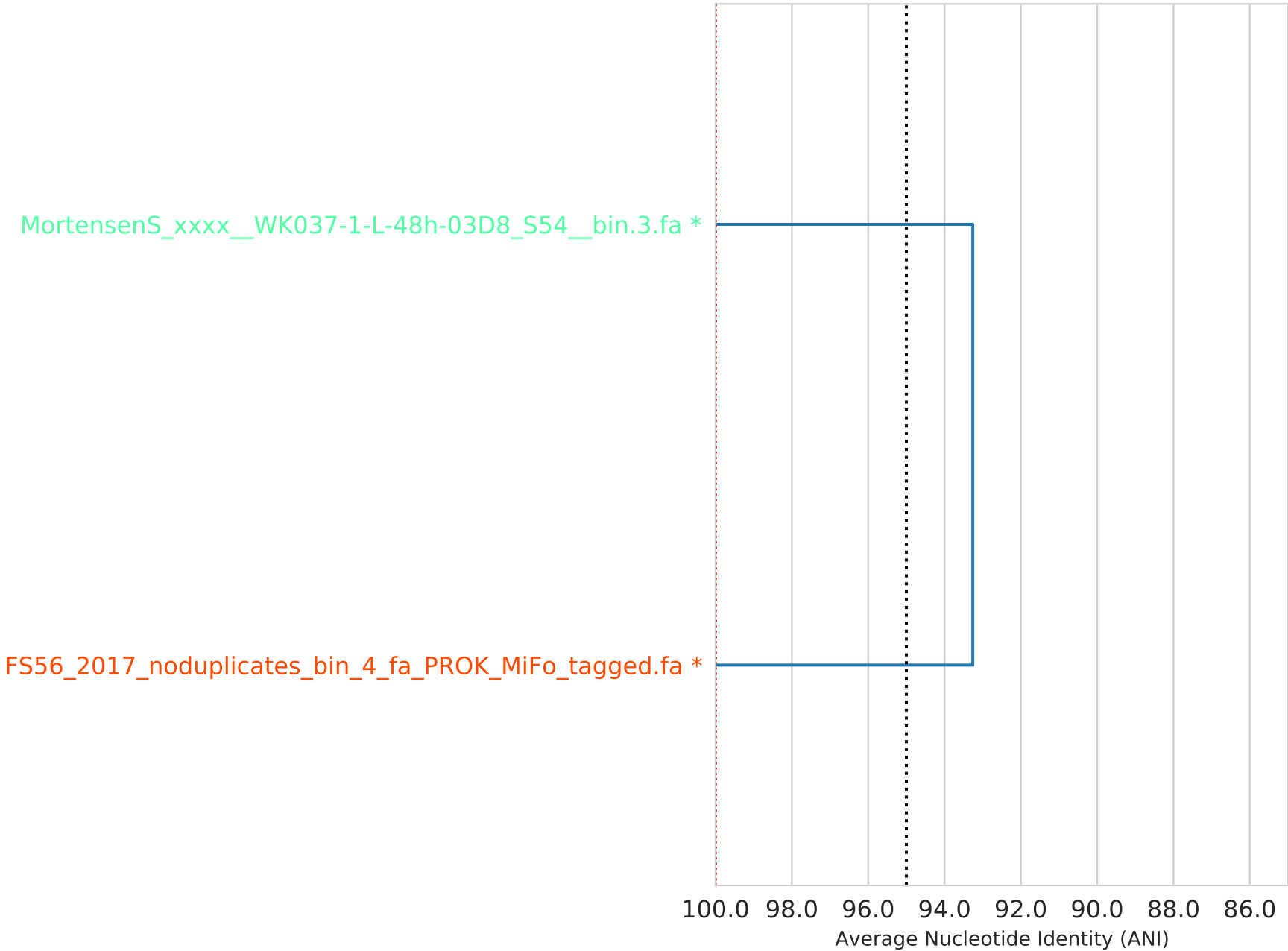
Average Nucleotide Identity (ANI)

Primary cluster 67

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

MASTER_WP4_UNINA_2__G-18__bin.1.fa *

MASTER_WP4_UNINA_2__G-16__bin.4.fa *
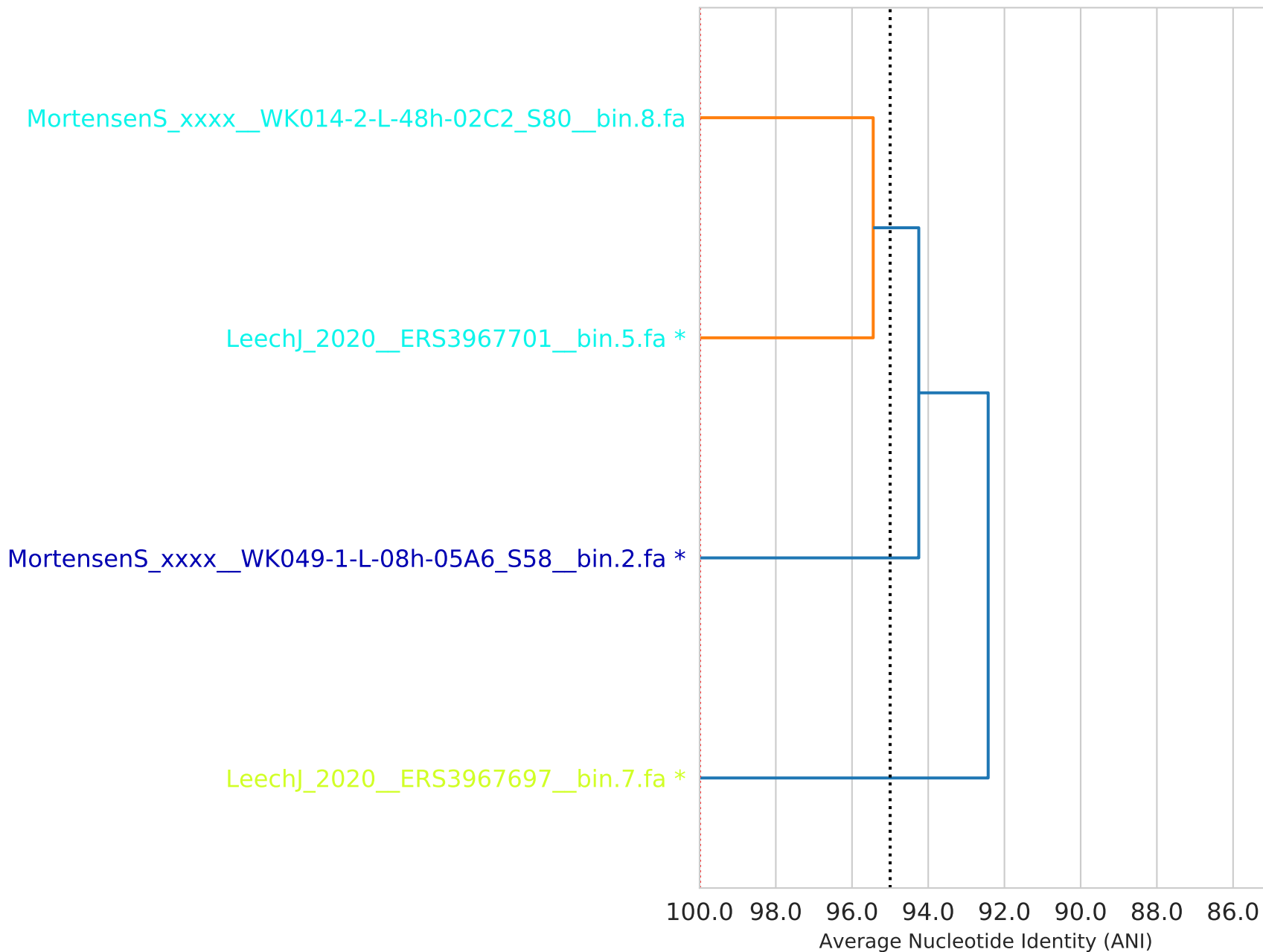
Average Nucleotide Identity (ANI)
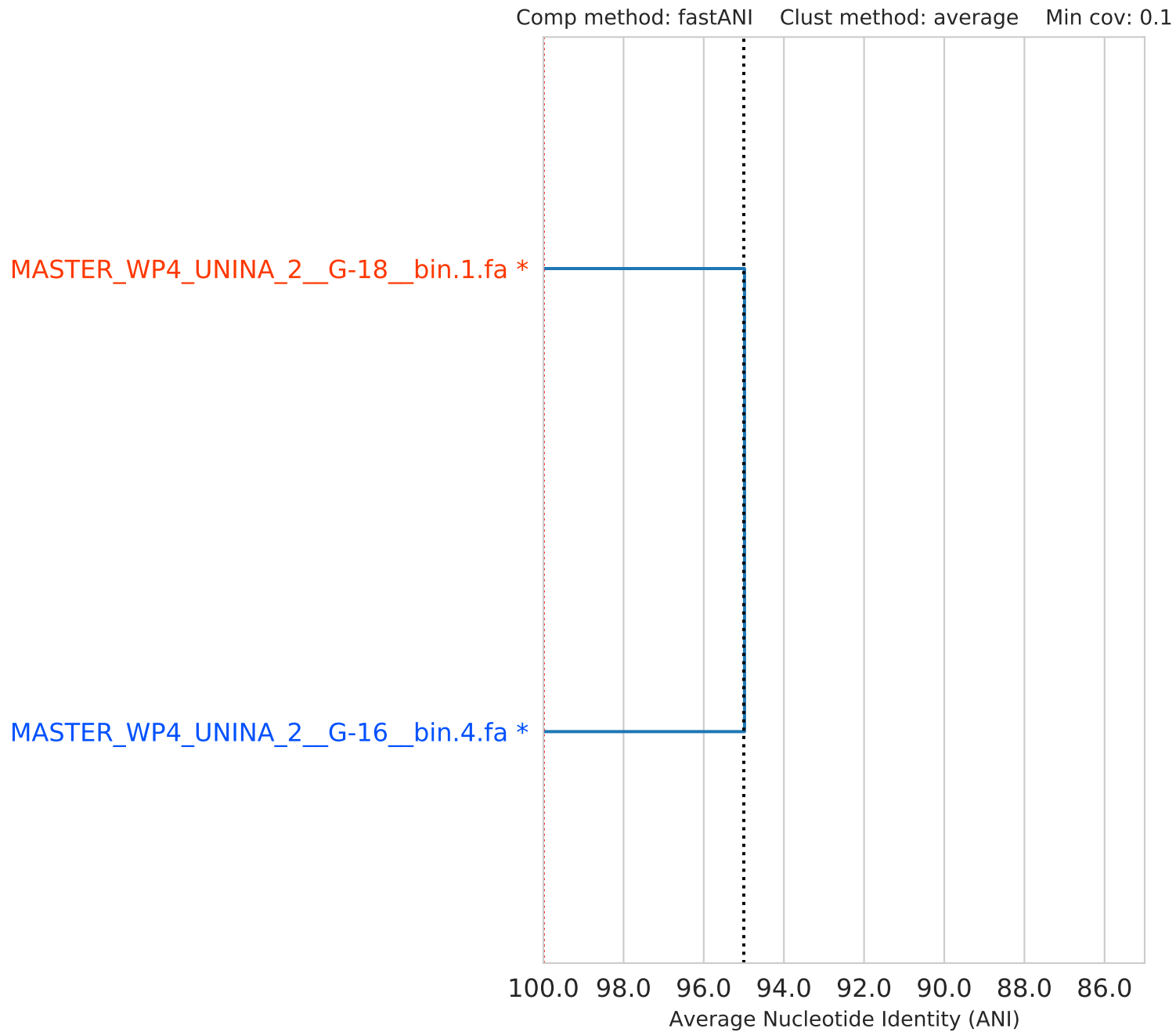
Primary cluster 96

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

KumarJ_2019__SRS4562500__bin.6.fa *

C-R06_bin_10_fa_PROK_MiFo_tagged.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)
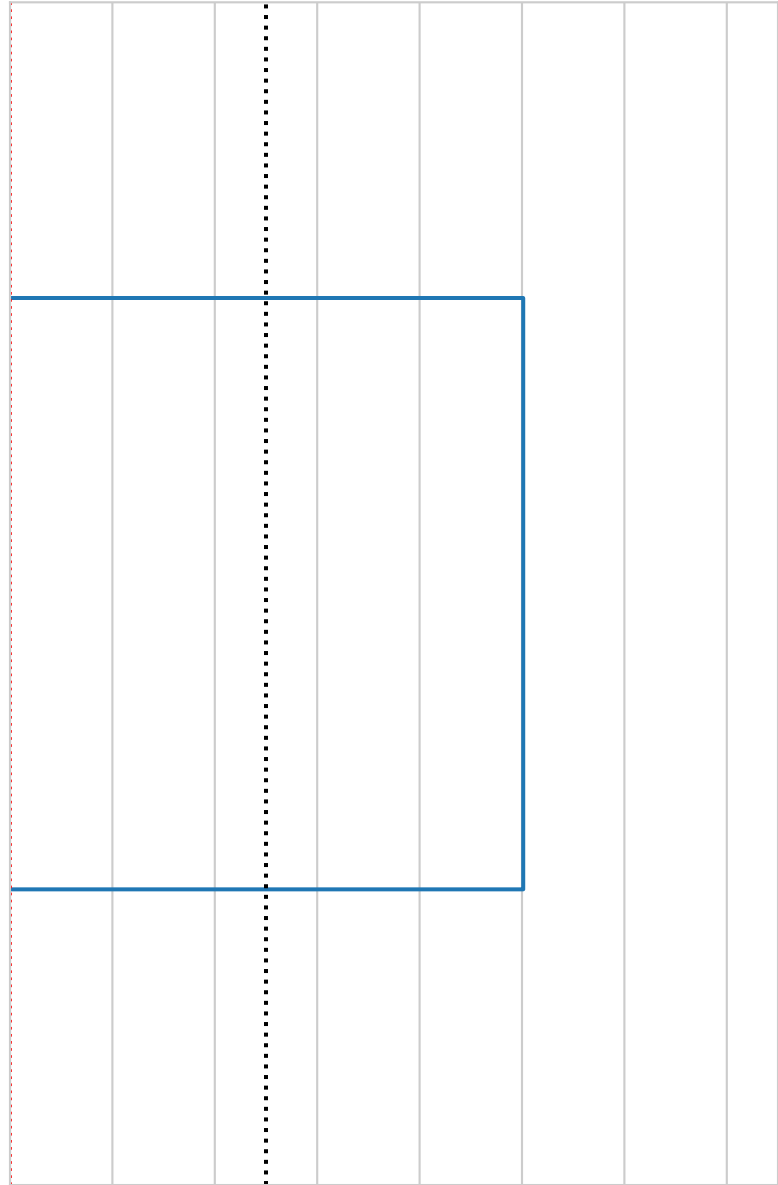
Primary cluster 101

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

DeFilippisF_xxxx__DF_59__bin.18.fa *

DeFilippisF_xxxx__DF_37__bin.11.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)
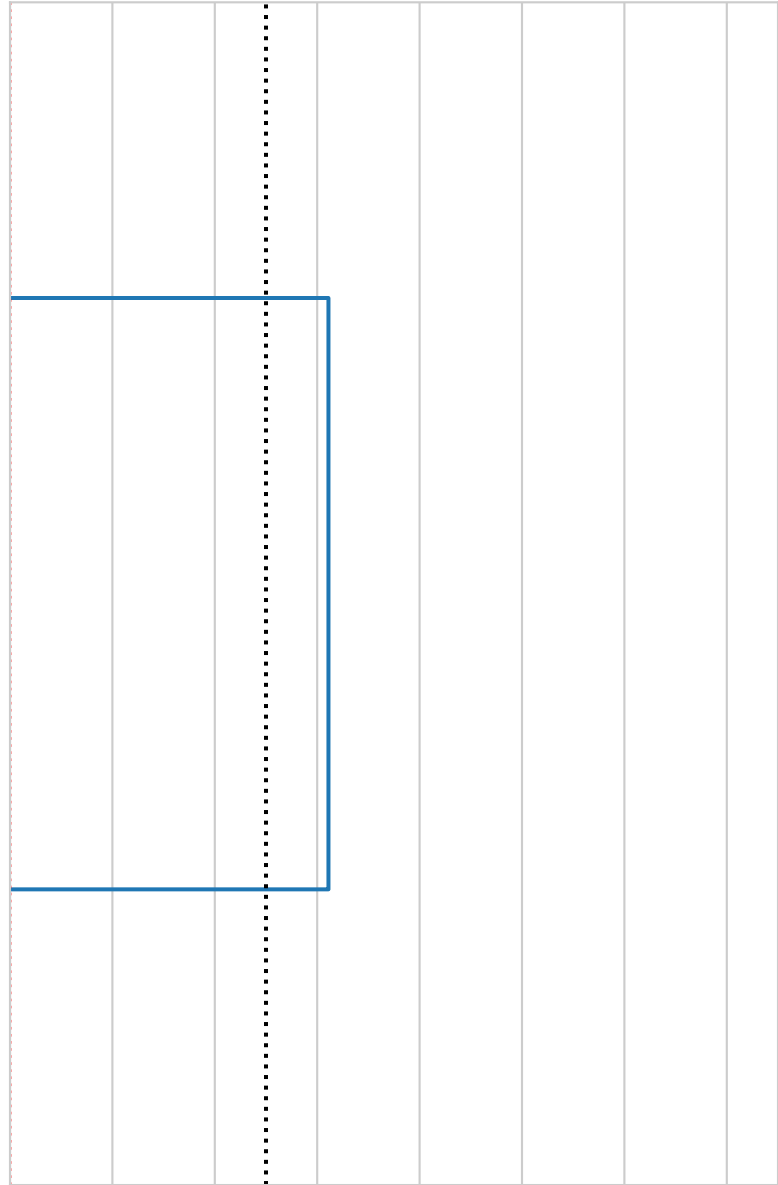
Primary cluster 107

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

MASTER_WP4_UNINA_2__J-18__bin.25.fa *

LeechJ_2020__ERS3967711__bin.13.fa *

Average Nucleotide Identity (ANI)

Primary cluster 112

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

MASTER_WP4_CSIC_2__P2587__bin.8.fa *

AlvarezOrdonezA_xxxx__Q05-21__bin.4.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

Primary cluster 114

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

SEM_47_S64_44_fa_PROK_MiFo_tagged.fa *

AlvarezOrdonezA_xxxx__Q03-20__bin.7.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

Primary cluster 117

MEGAHIT-MetaBAT2-group-019_coffee.fa

AlvarezOrdonezA_xxxx__Q04-25__bin.3.fa *

100.0   98.0   96.0   94.0   92.0   90.0   88.0   86.0

Average Nucleotide Identity (ANI)
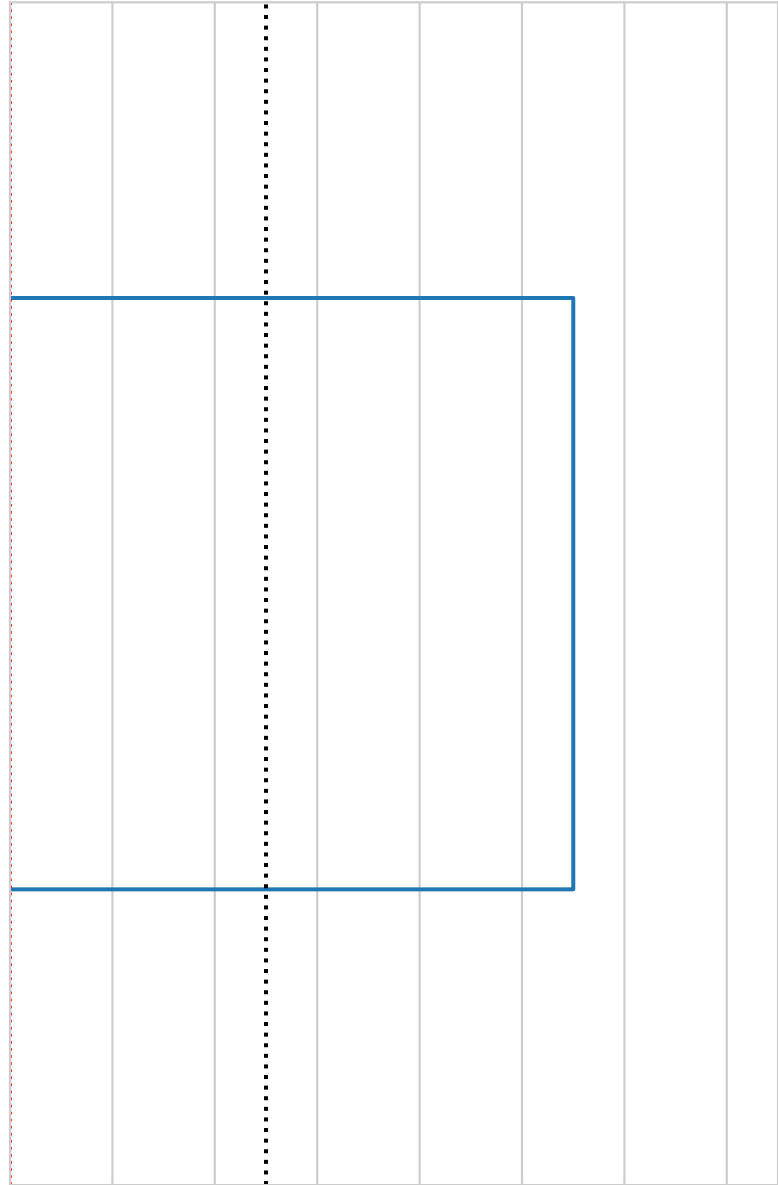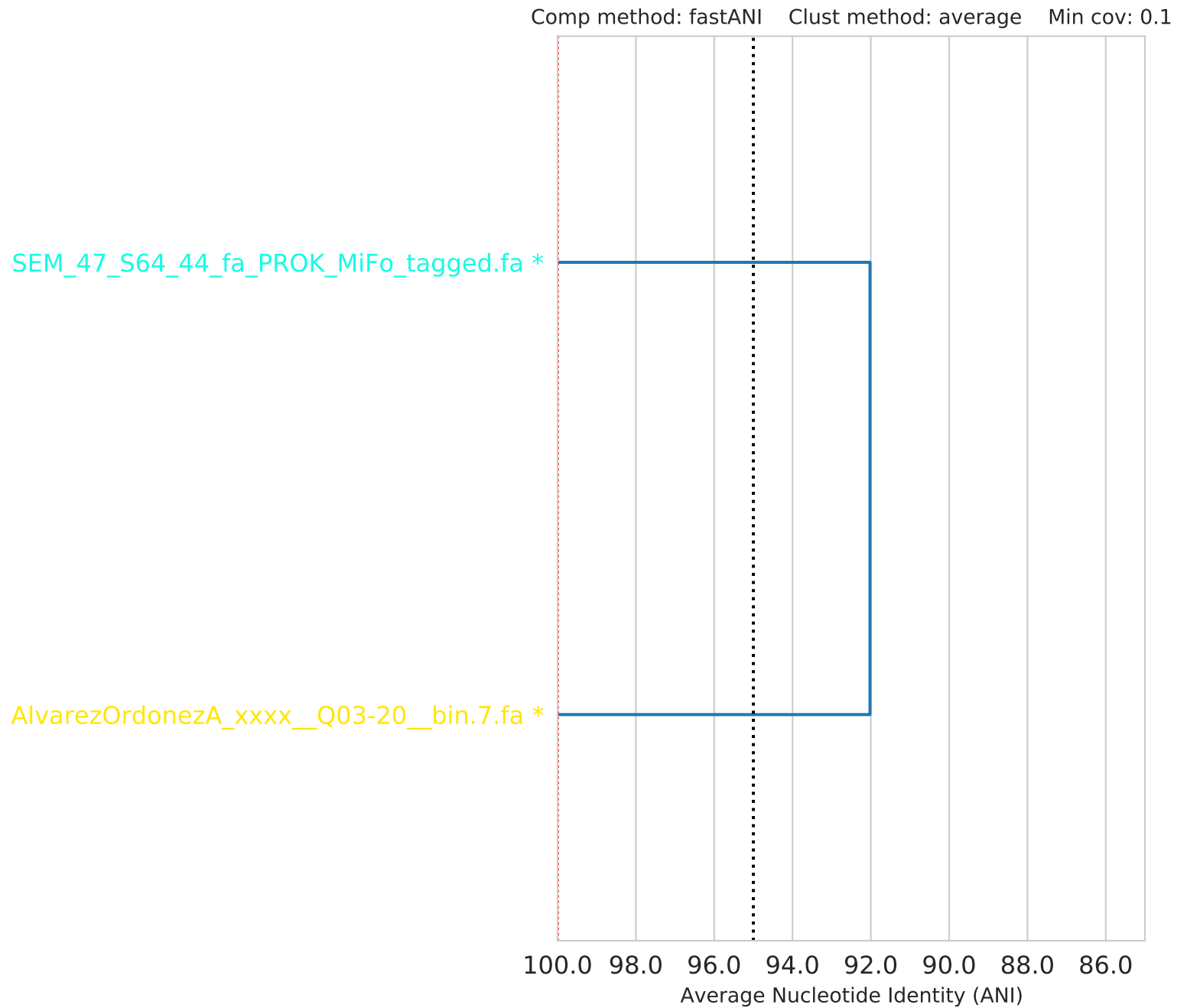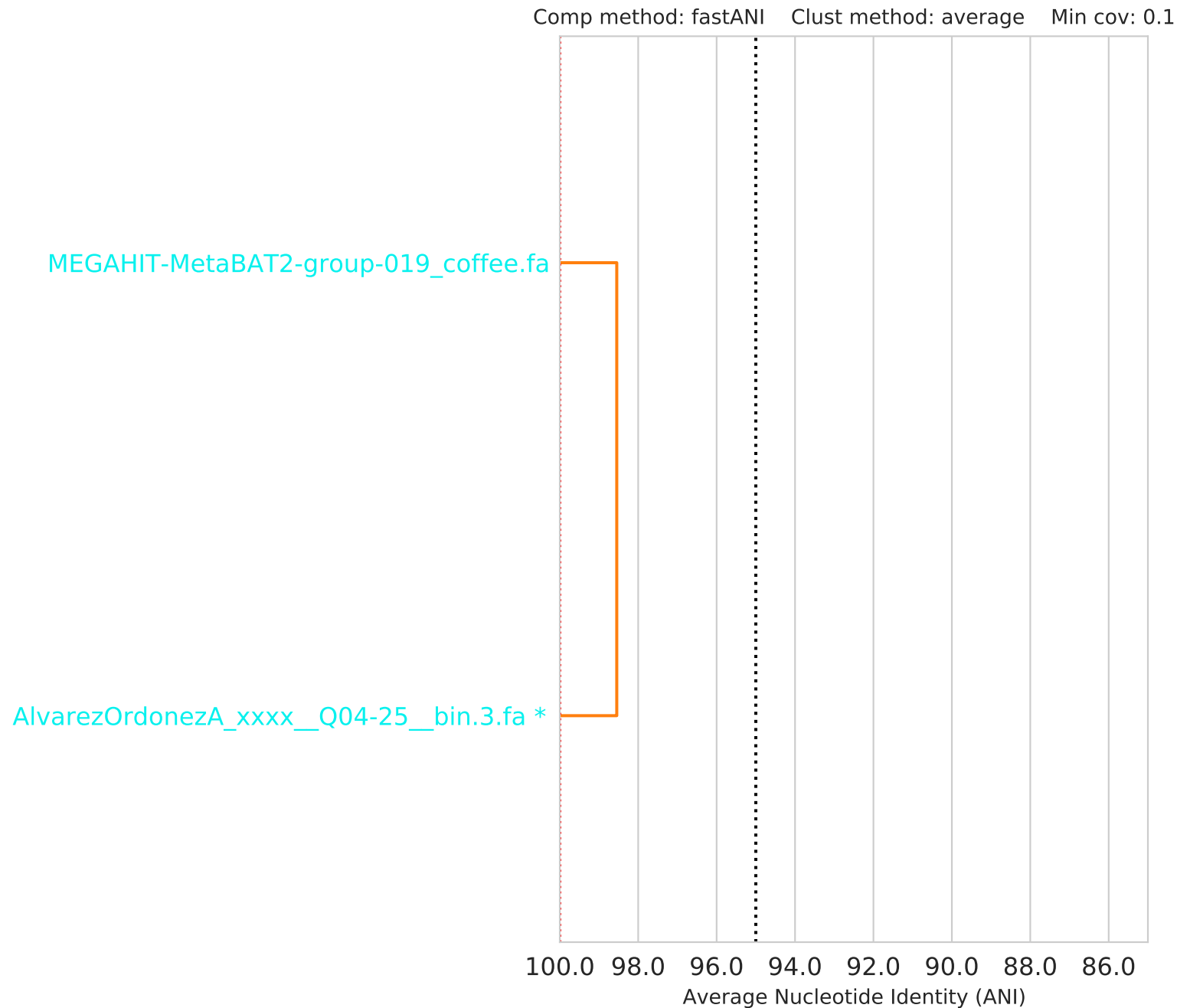
Primary cluster 121

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

LeechJ_xxxx__AF74__bin.1.fa *

EBC_082_15_fa_PROK_MiFo_tagged.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

Primary cluster 122

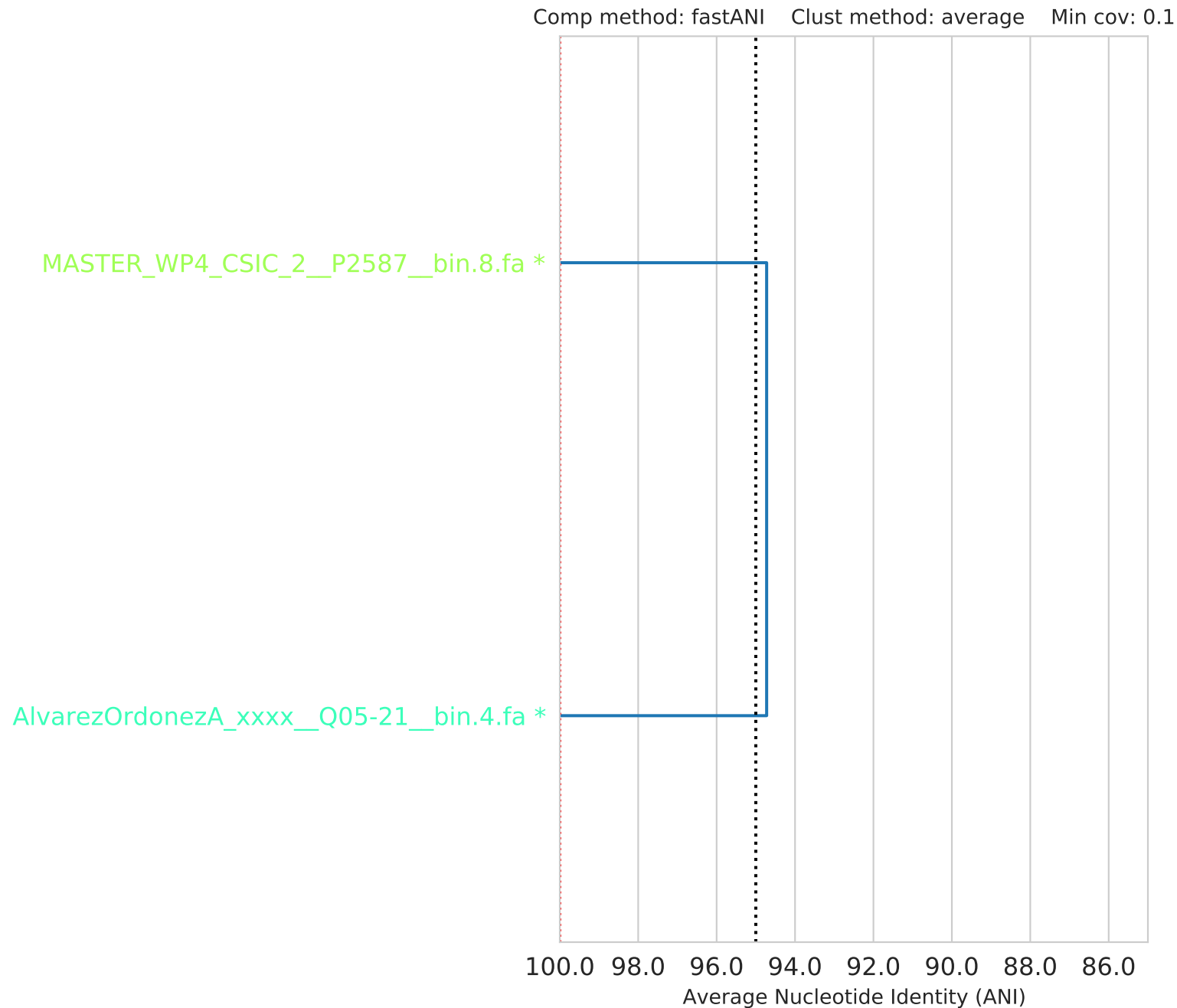Comp method: fastANI   Clust method: average   Min cov: 0.1

P_1_bin_1_fa_PROK_MiFo_tagged.fa *

LeonardSR_2016__SRS1659779__bin.6.fa *

LeechJ_xxxx__AF76__bin.15.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)
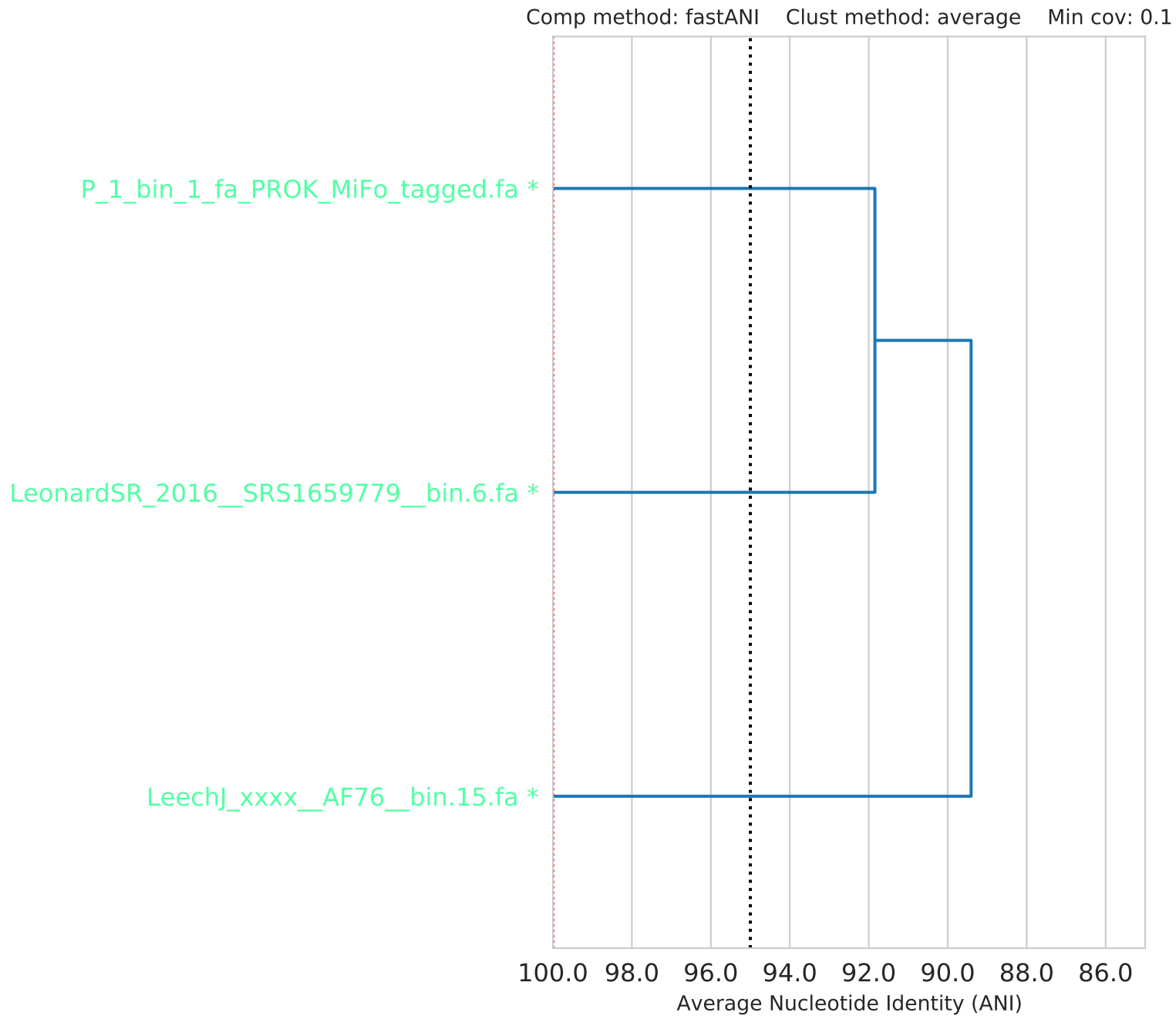
Primary cluster 123

Comp method: fastANI   Clust method: average   Min cov: 0.1
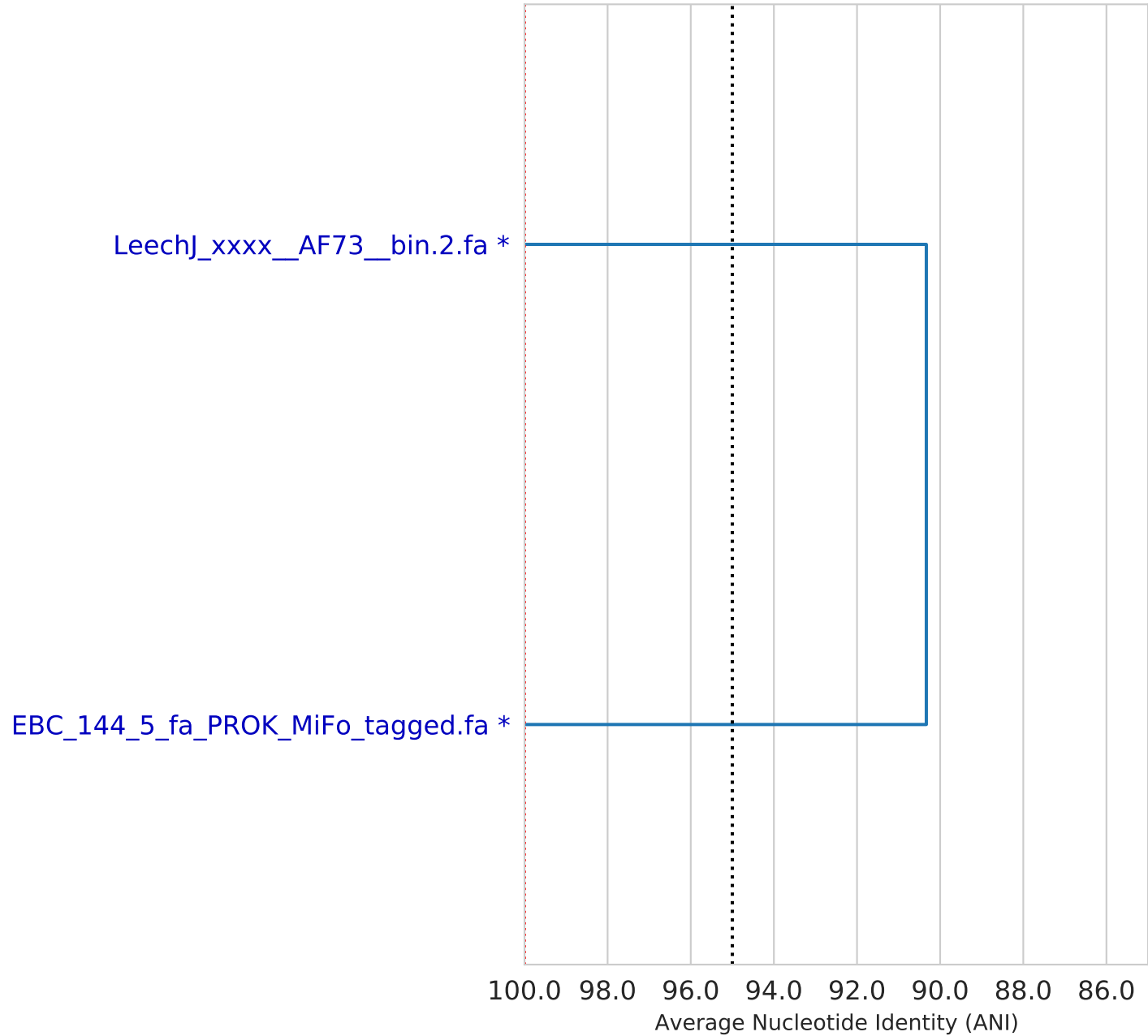
LeechJ_xxxx__AF73__bin.2.fa *

EBC_144_5_fa_PROK_MiFo_tagged.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)
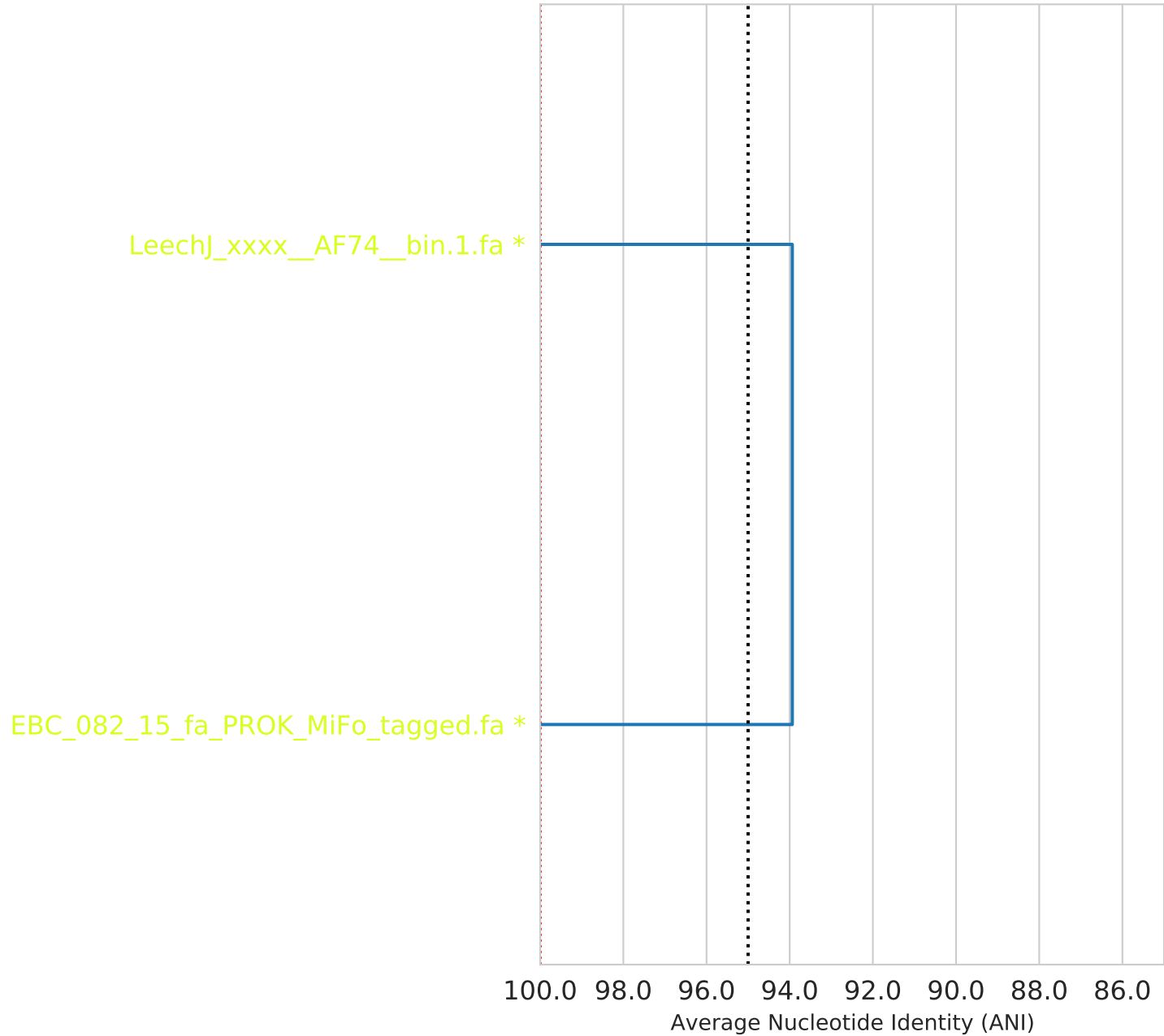
Primary cluster 127

Primary cluster 130

MEGAHIT-MaxBin2-group-0010_coffee.fa *

LeechJ_2020__ERS3967698__bin.1.fa

XieM_2019__SAMC044639__bin.9.fa *

100.0   98.0   96.0   94.0   92.0   90.0   88.0   86.0

Average Nucleotide Identity (ANI)

Primary cluster 131

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

MEGAHIT-CONCOCT-group-0_55_misob1.fa *

LeechJ_xxxx__AF89__bin.7.fa *

LeonardSR_2016__SRS1659769__bin.3.fa *

DeFilippisF_xxxx__DF_79__bin.11.fa *

LiZ_2019__SRS3379157__bin.3.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0
Average Nucleotide Identity (ANI)
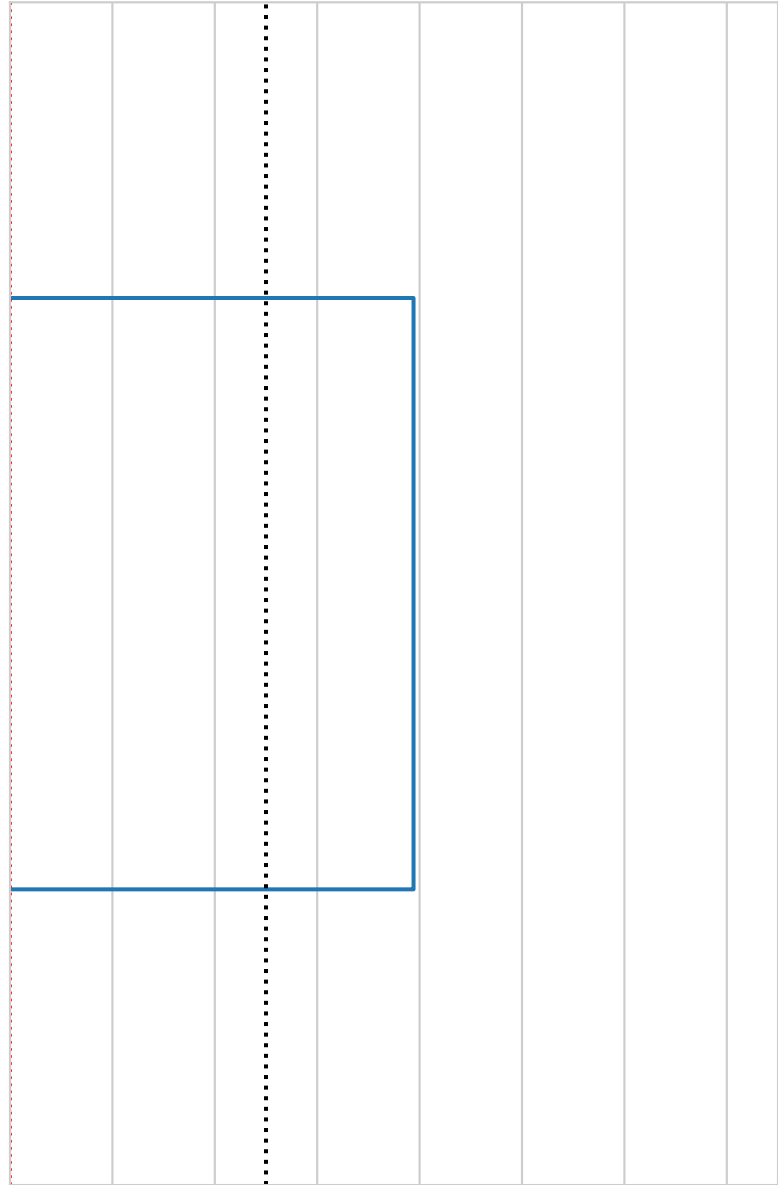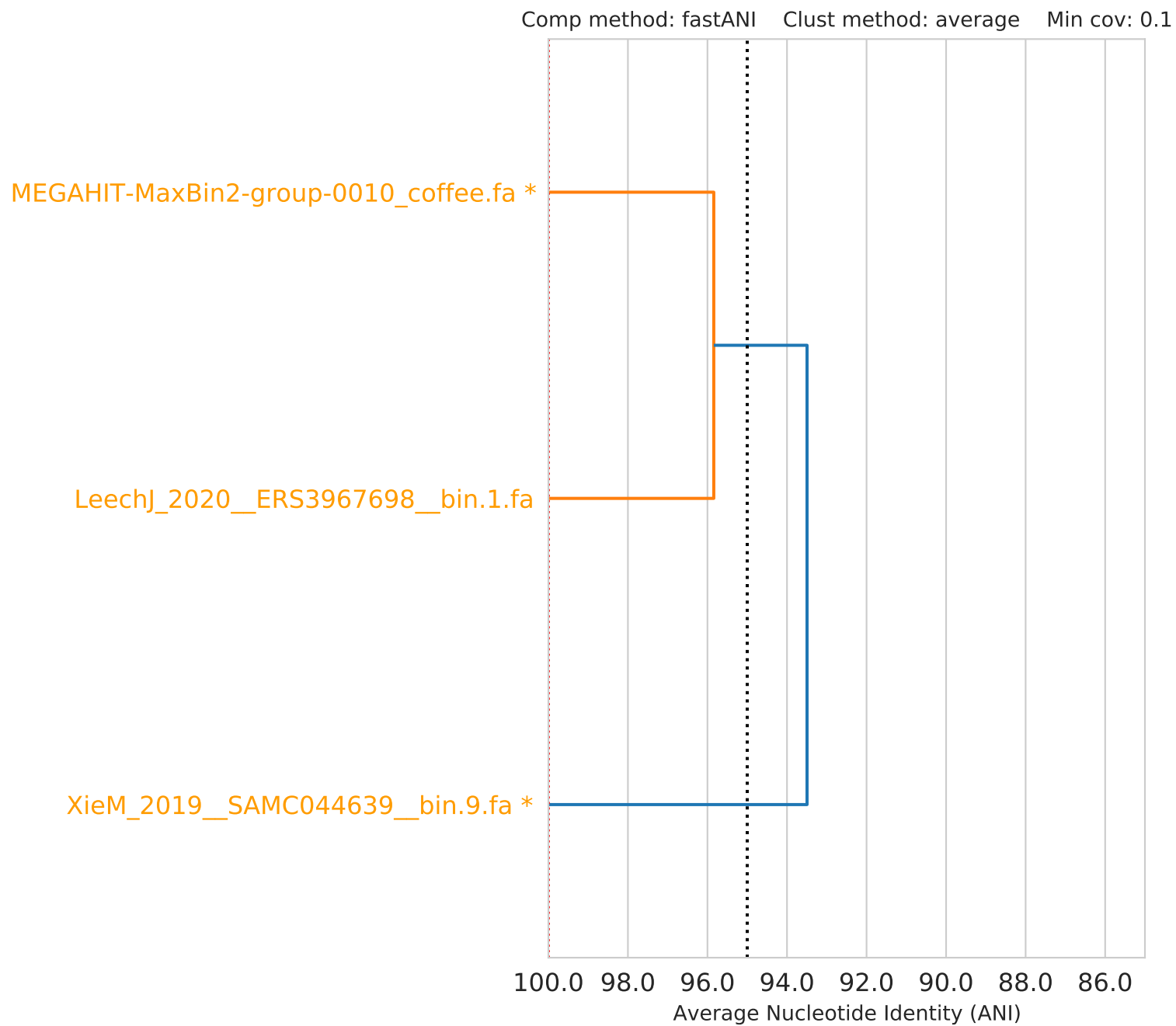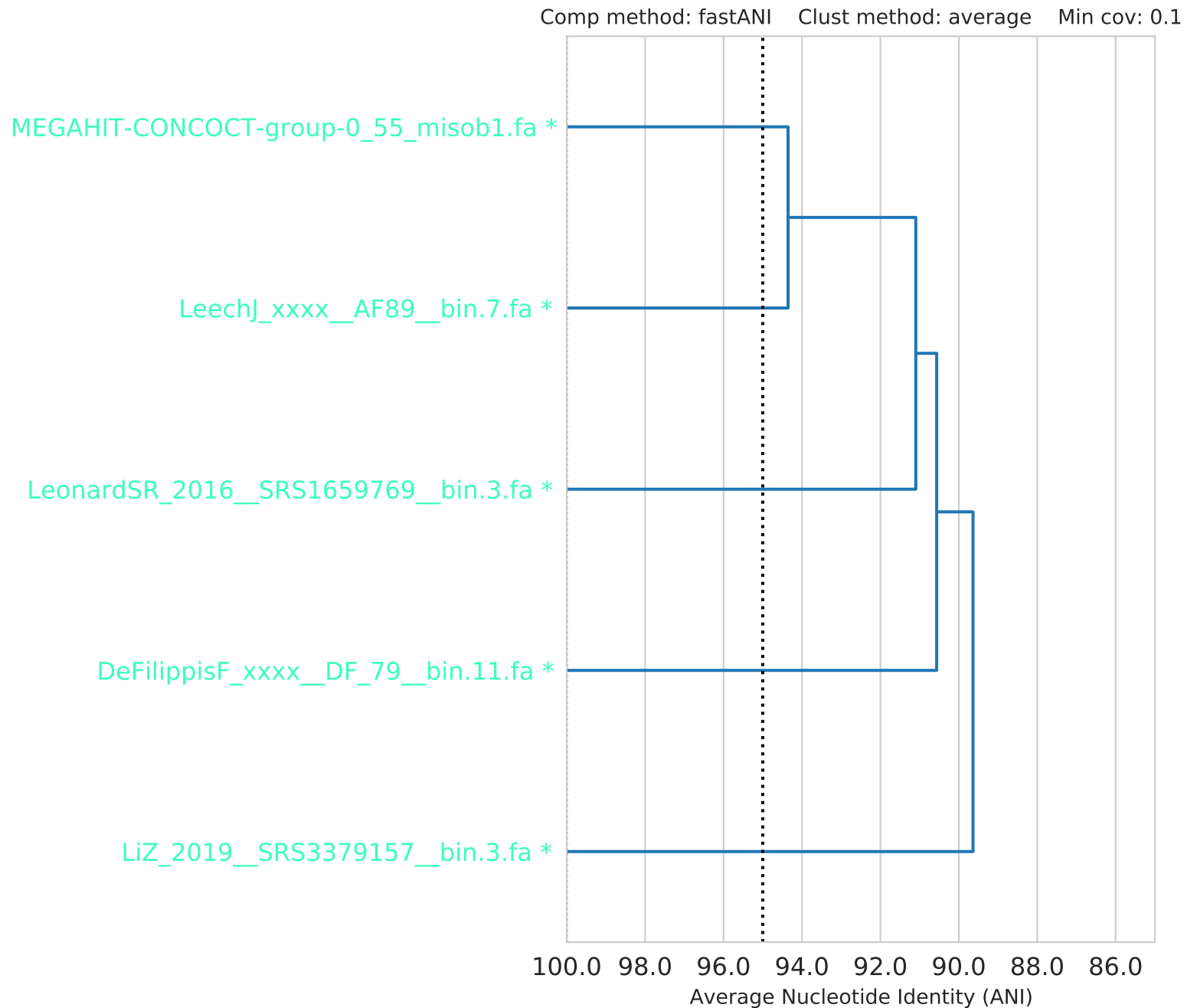
Primary cluster 133

Comp method: fastANI   Clust method: average   Min cov: 0.1
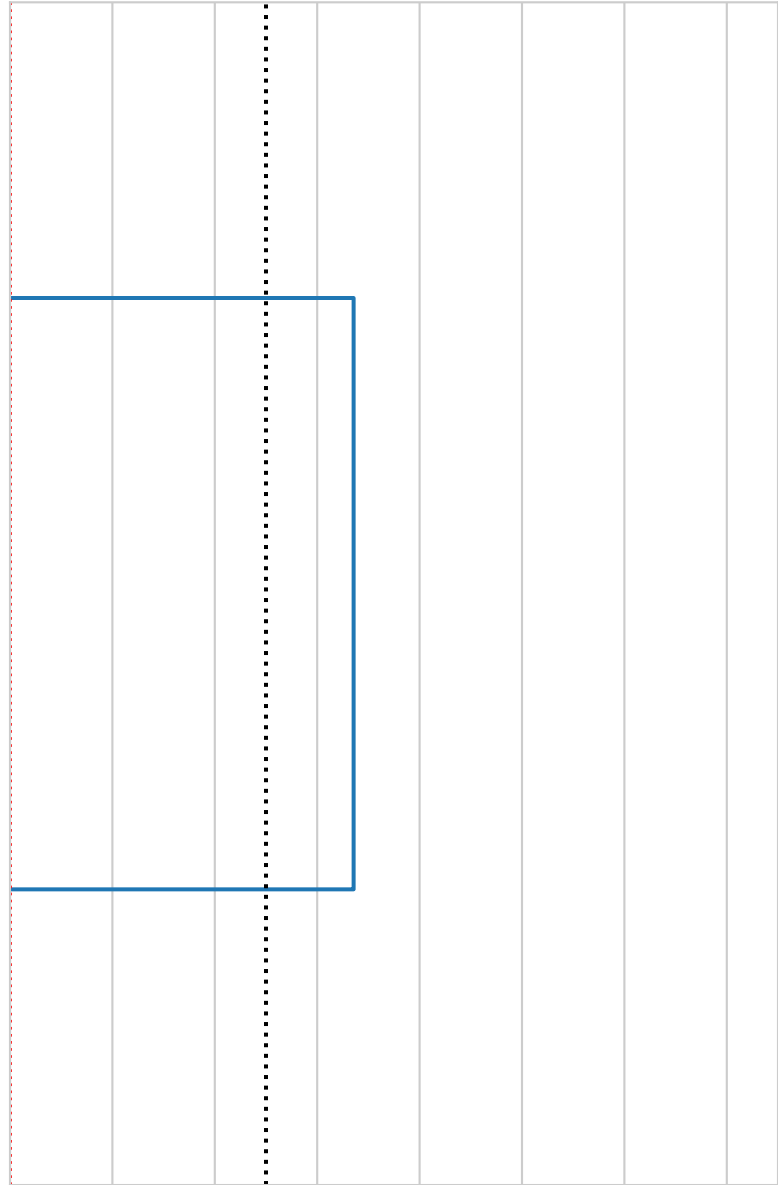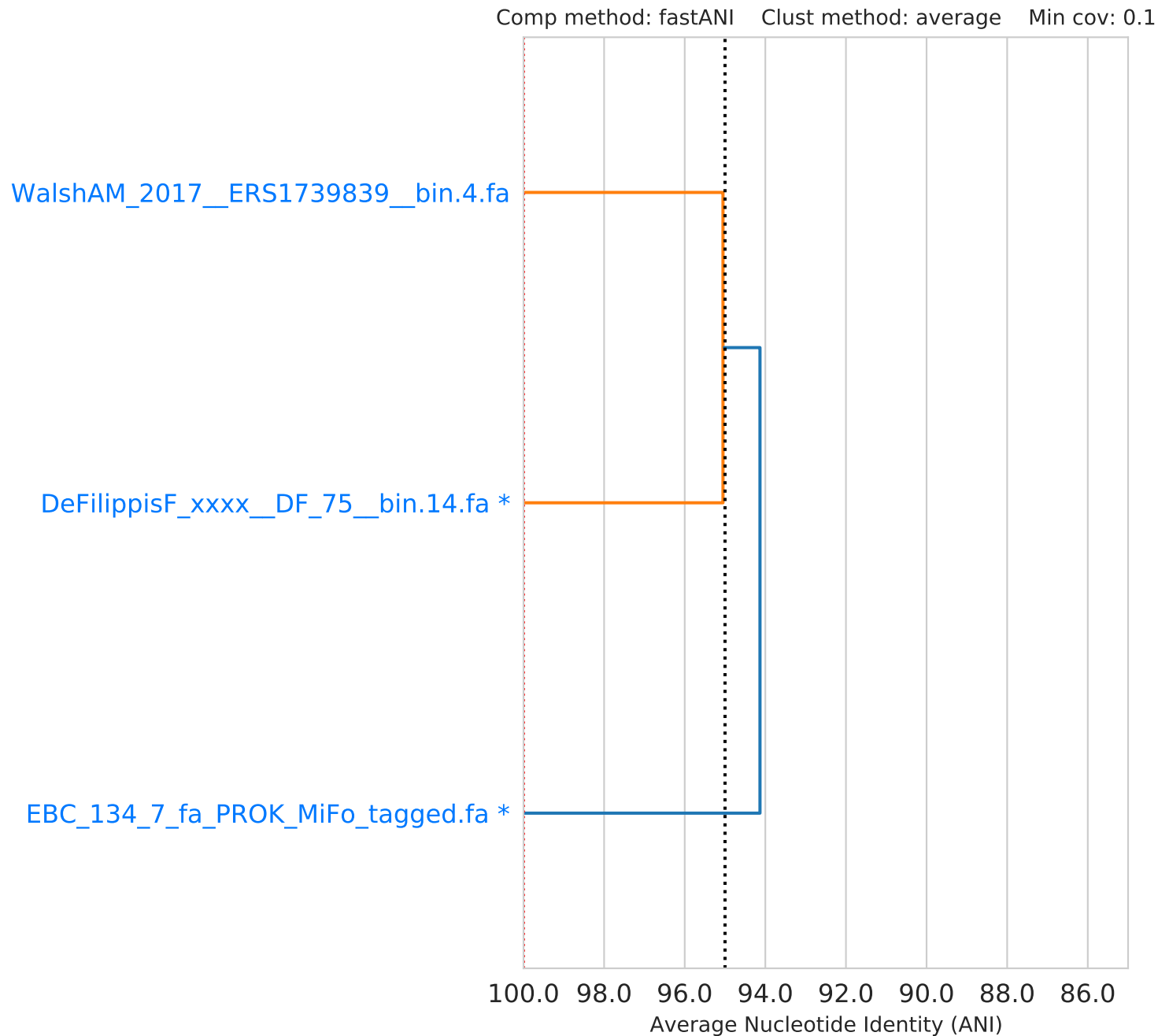
LeechJ_2020__ERS3967707__bin.4.fa *

EBC_140_5_fa_PROK_MiFo_tagged.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

Primary cluster 138

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

WalshAM_2017__ERS1739839__bin.4.fa

DeFilippisF_xxxx__DF_75__bin.14.fa *

EBC_134_7_fa_PROK_MiFo_tagged.fa *

Average Nucleotide Identity (ANI)

Primary cluster 139

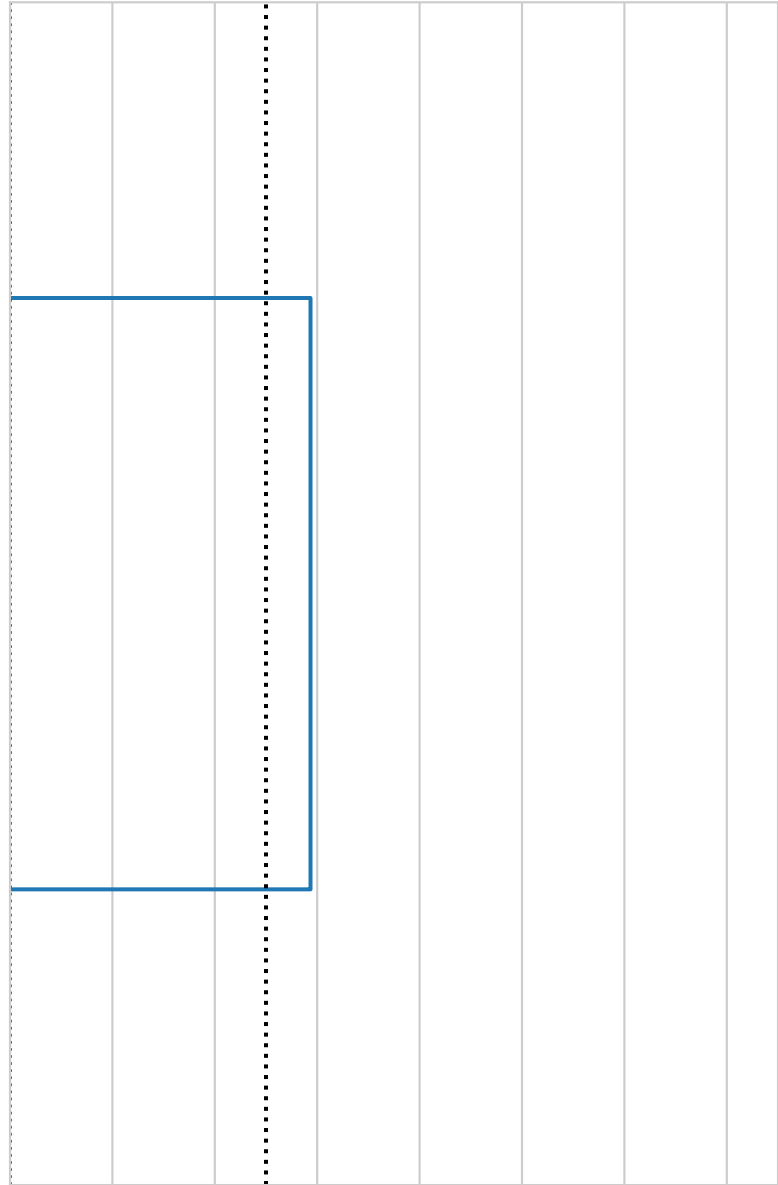Comp method: fastANI   Clust method: average   Min cov: 0.1

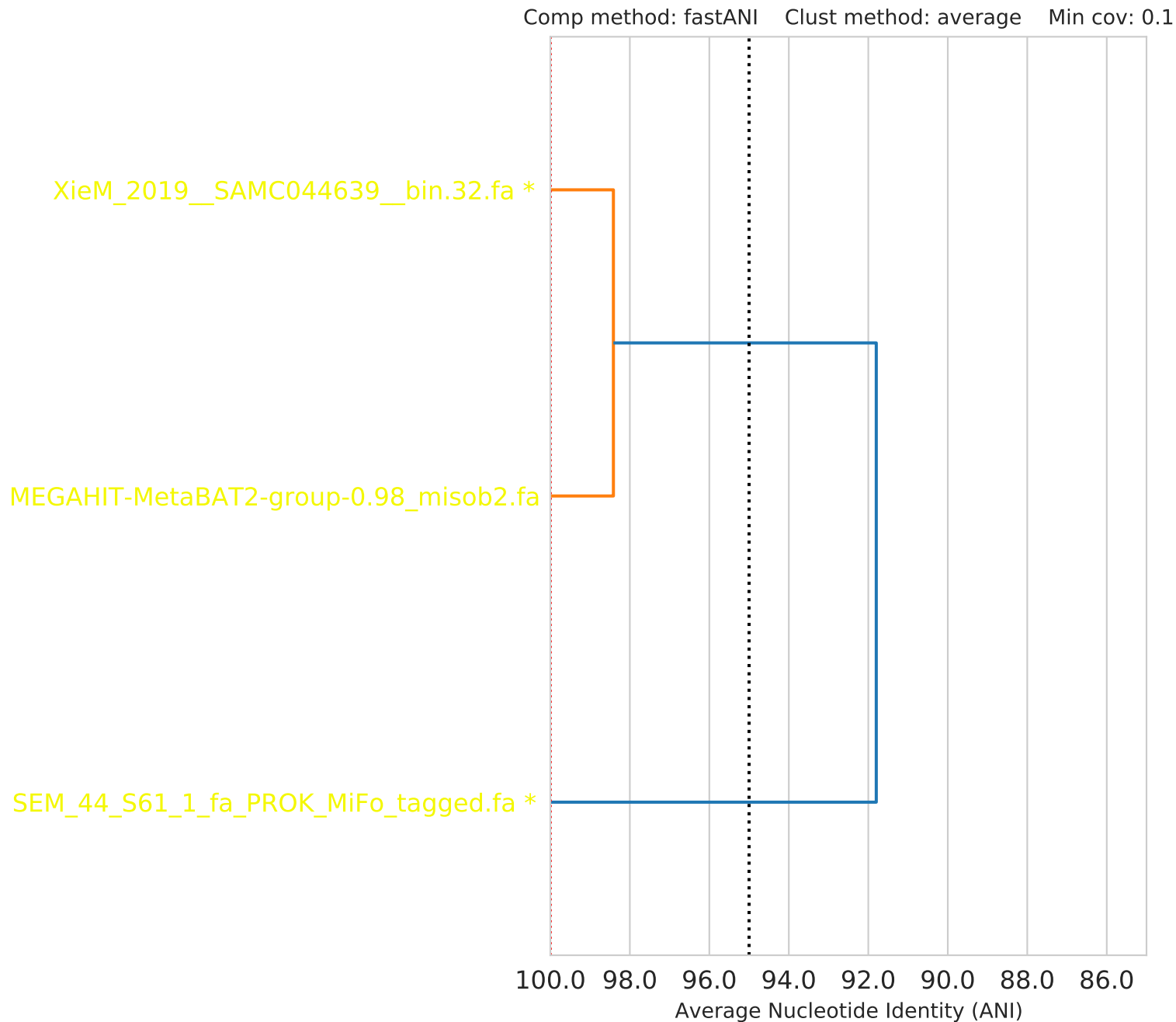PfeferT_xxxx__SRS2870593__bin.6.fa *

DeFilippisF_xxxx__DS_111__bin.3.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0
Average Nucleotide Identity (ANI)

Primary cluster 149

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

XieM_2019__SAMC044639__bin.32.fa *

MEGAHIT-MetaBAT2-group-0.98_misob2.fa

SEM_44_S61_1_fa_PROK_MiFo_tagged.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)
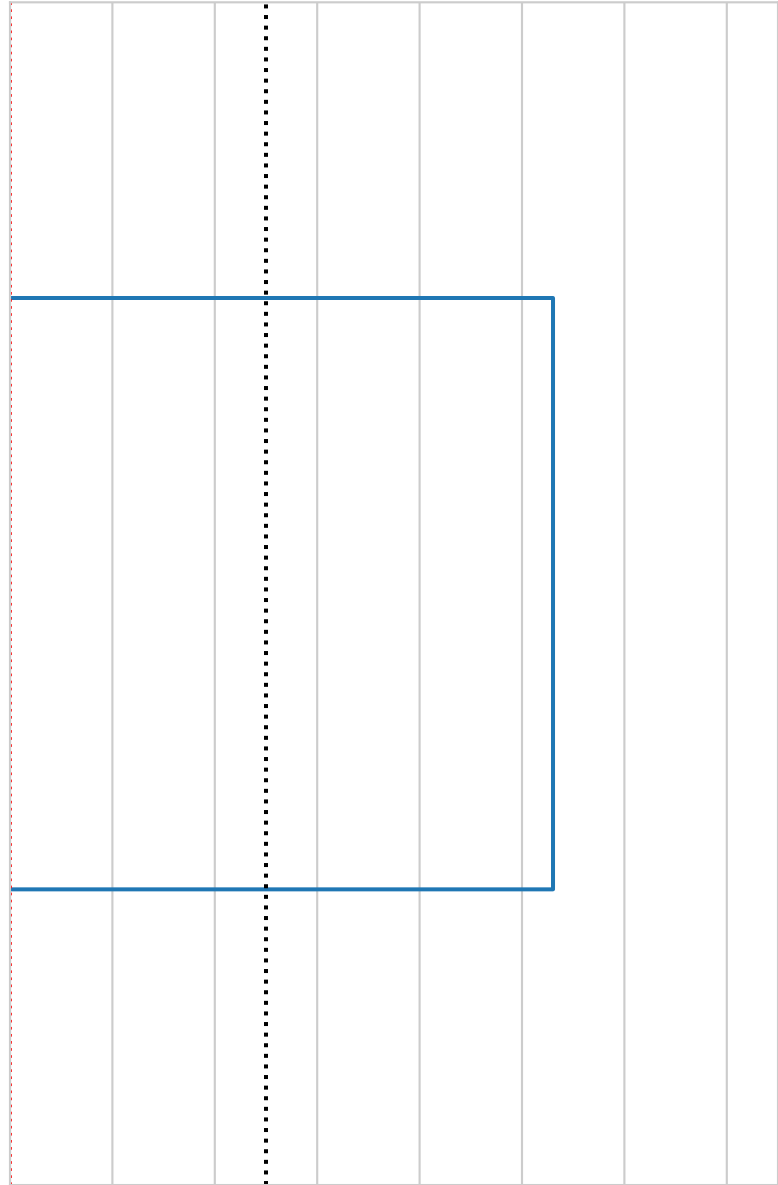
Primary cluster 150

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

MEGAHIT-CONCOCT-group-0_34_misob1.fa *

EBC_140_10_fa_PROK_MiFo_tagged.fa *

Average Nucleotide Identity (ANI)

Primary cluster 165

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

MASTER_WP4_FFoQSI_1__VB-09-M8__bin.47.fa *

KastmanEK_2016__CSB387__bin.6.fa *

Average Nucleotide Identity (ANI)

Primary cluster 166

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

WolfeBE_2014__679_Raclette__bin.6.fa *

MASTER_WP4_FFoQSI_3__VB14-22__bin.47.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)
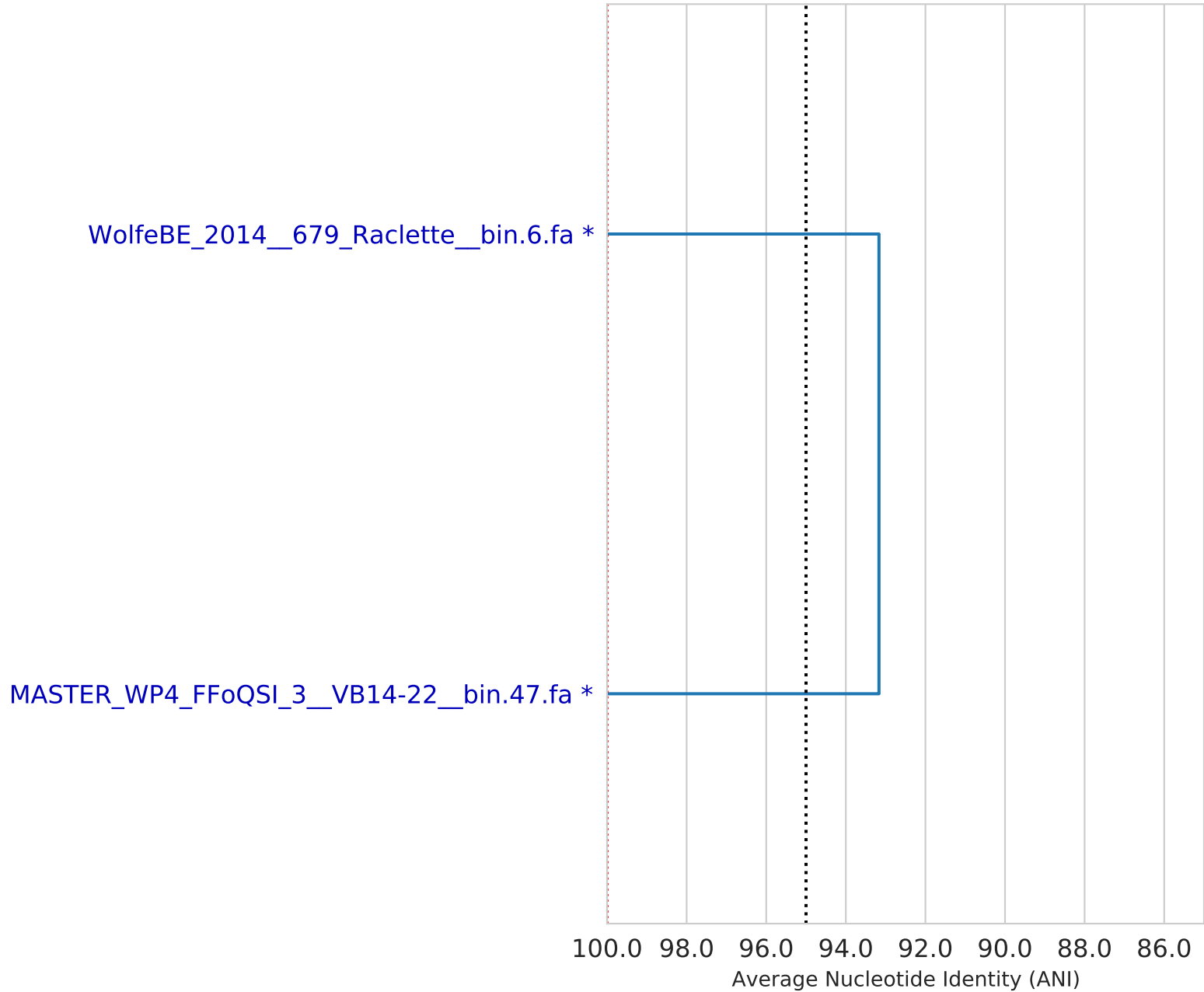
Primary cluster 167

Comp method: fastANI   Clust method: average   Min cov: 0.1
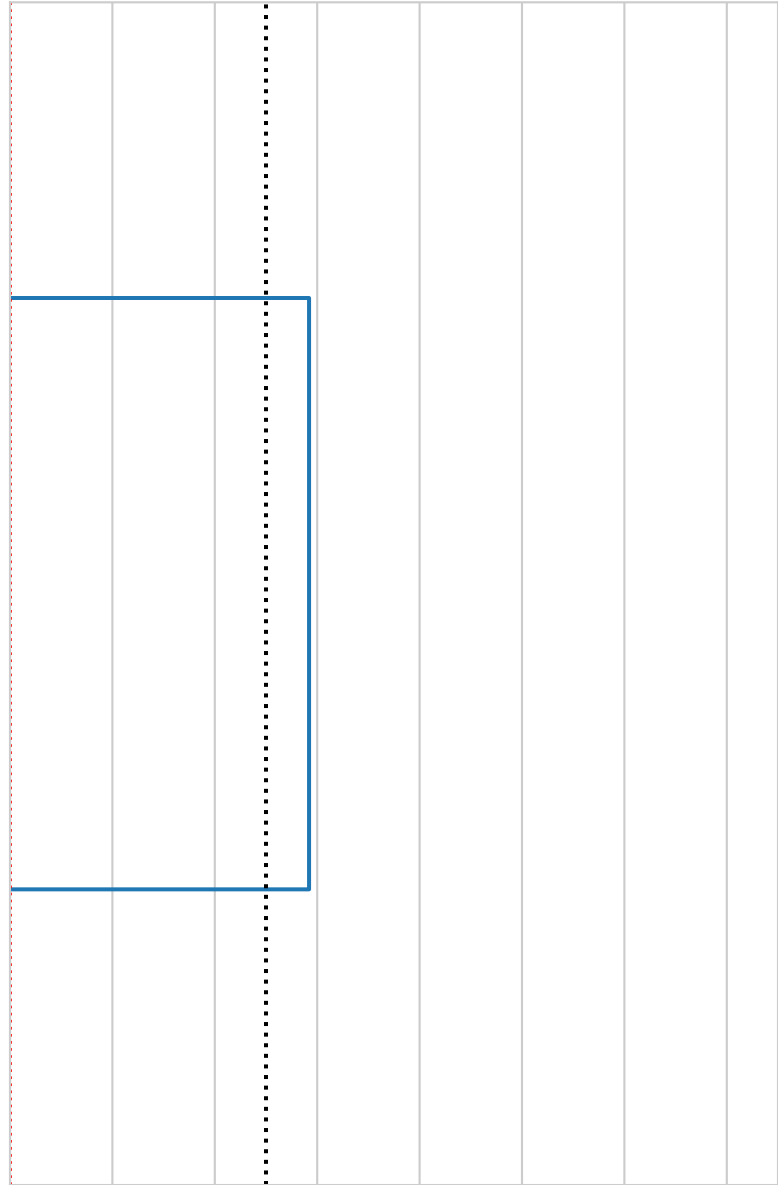
MASTER_WP4_TEAGASC_1__TGS13-22__bin.7.fa *

AlvarezOrdonezA_xxxx__Q07-22__bin.5.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

Primary cluster 184

MASTER_WP4_FFoQSI_2__VB11-30__bin.19.fa *

MASTER_WP4_FFoQSI_1__DC18-032__bin.11.fa *

100.0 98.0   96.0   94.0   92.0   90.0   88.0   86.0
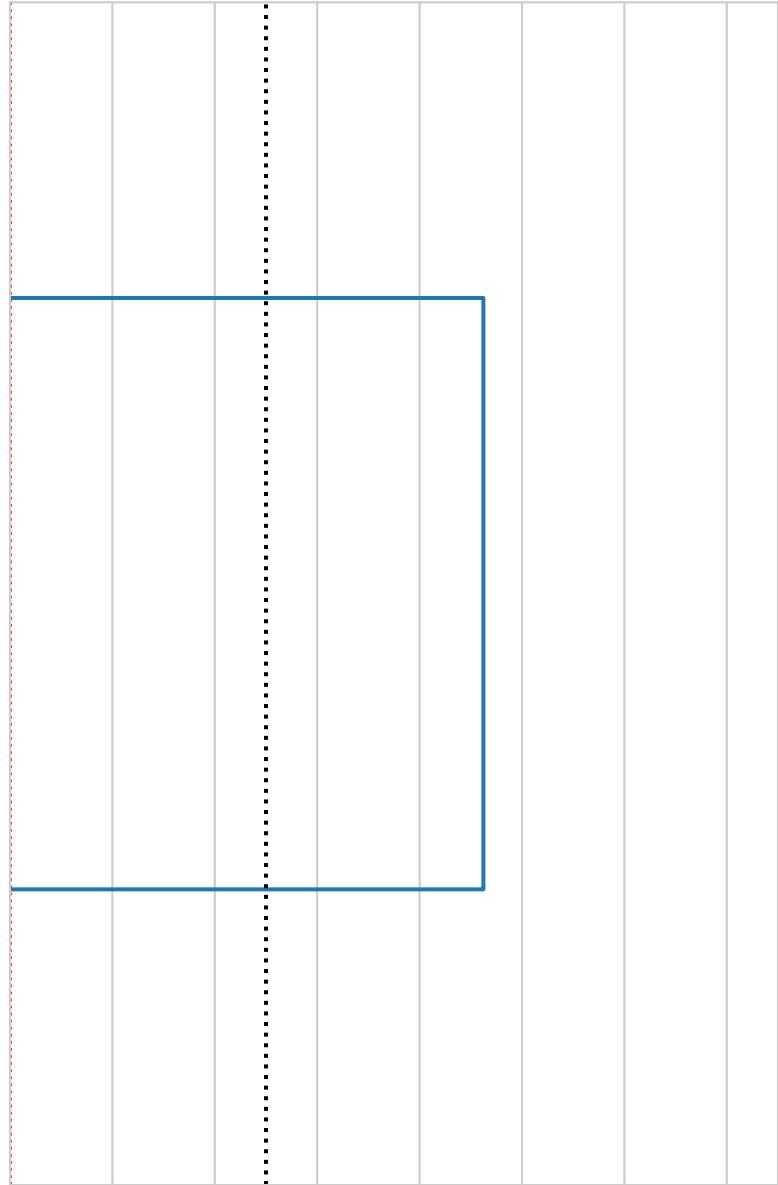
Average Nucleotide Identity (ANI)

Primary cluster 190

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

AlvarezOrdonezA_xxxx__Q05-22__bin.7.fa *

AlvarezOrdonezA_xxxx__Q03-22__bin.2.fa

AlvarezOrdonezA_xxxx__Q06-22__bin.2.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)
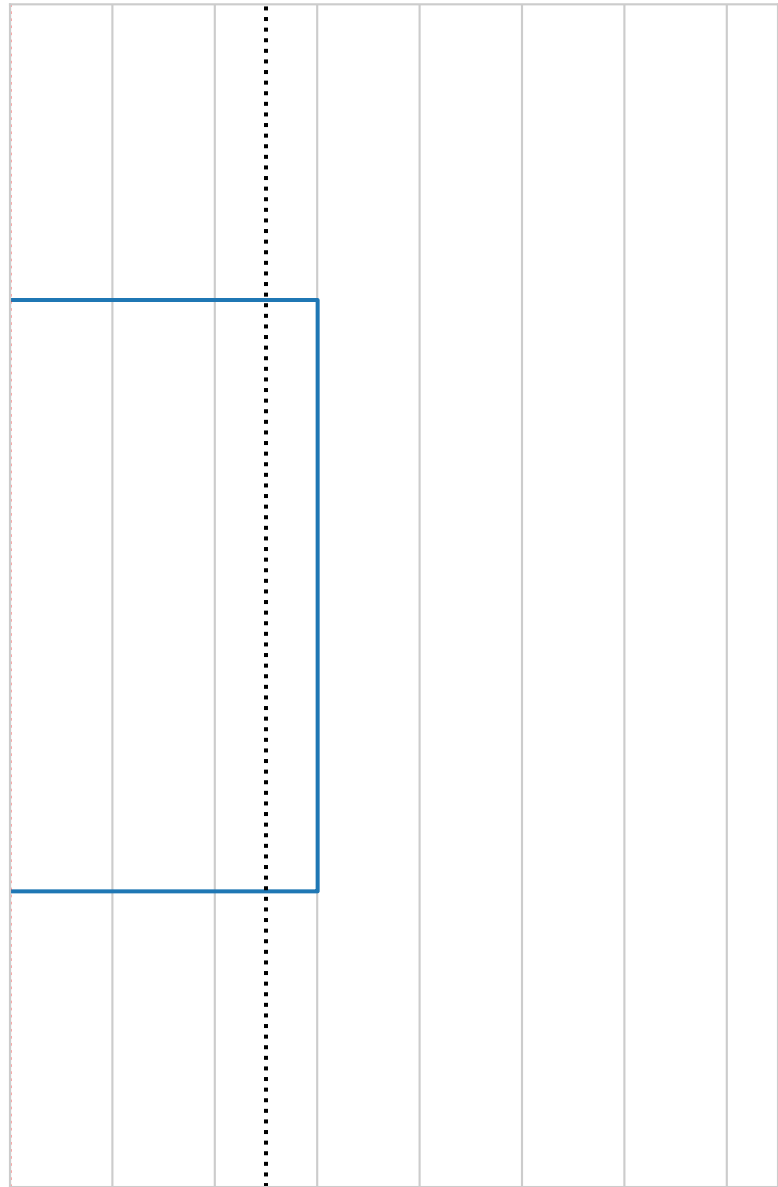
Primary cluster 196

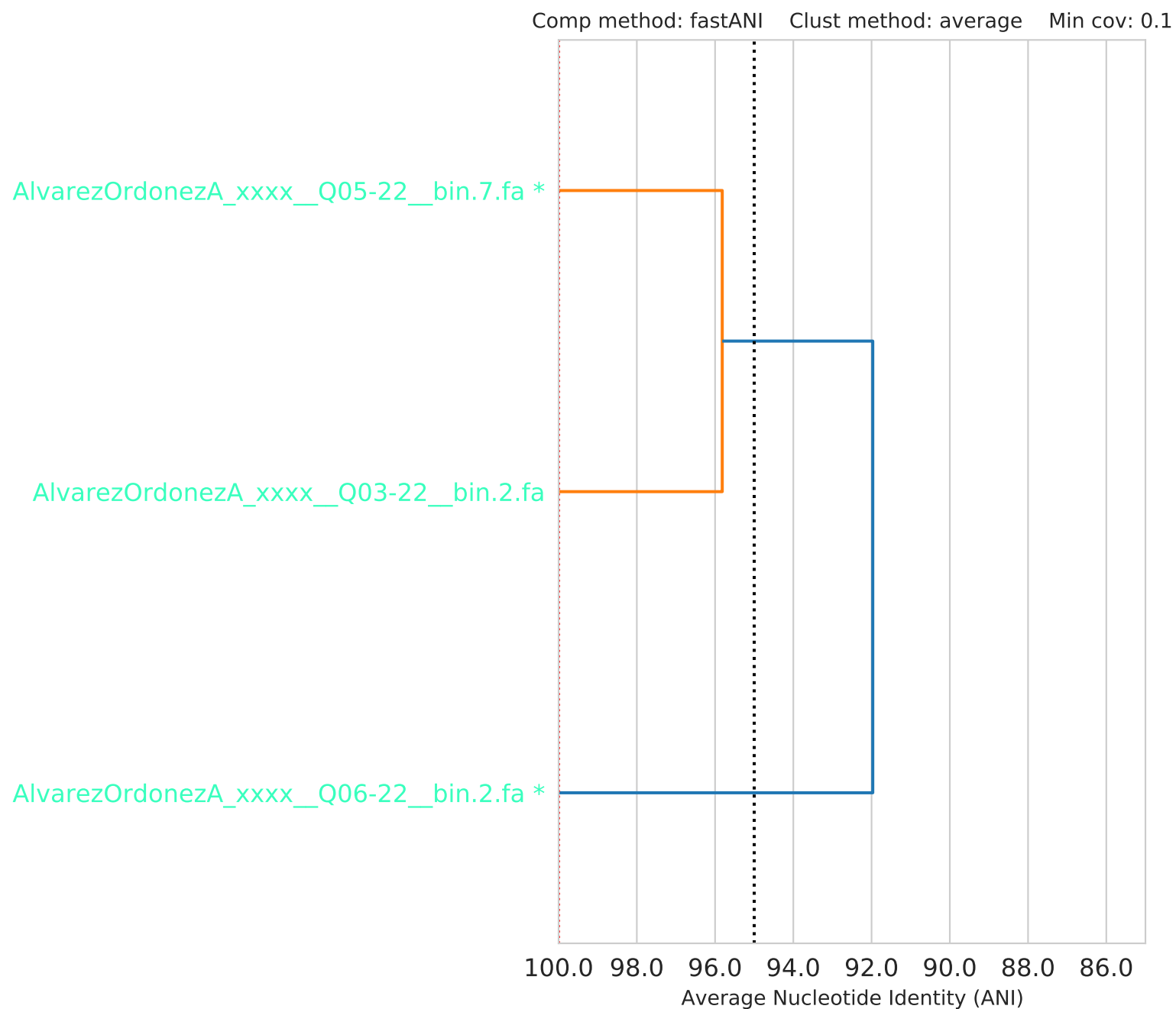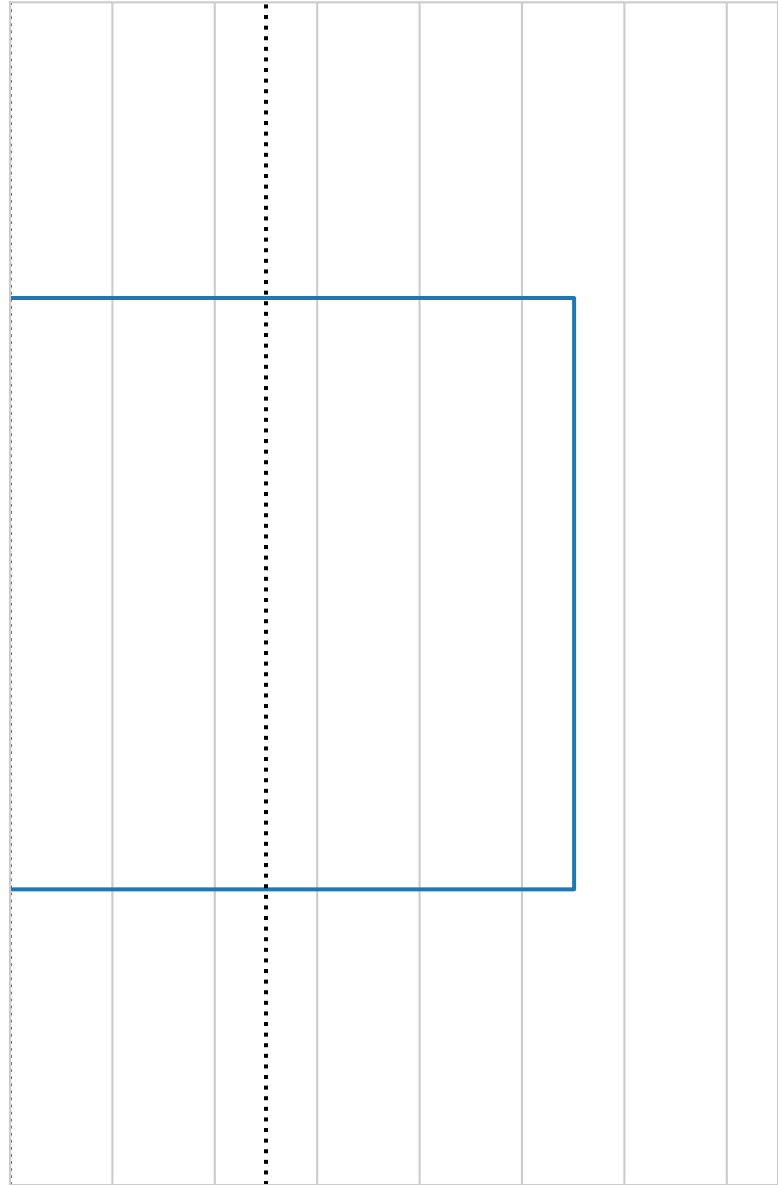Comp method: fastANI   Clust method: average   Min cov: 0.1
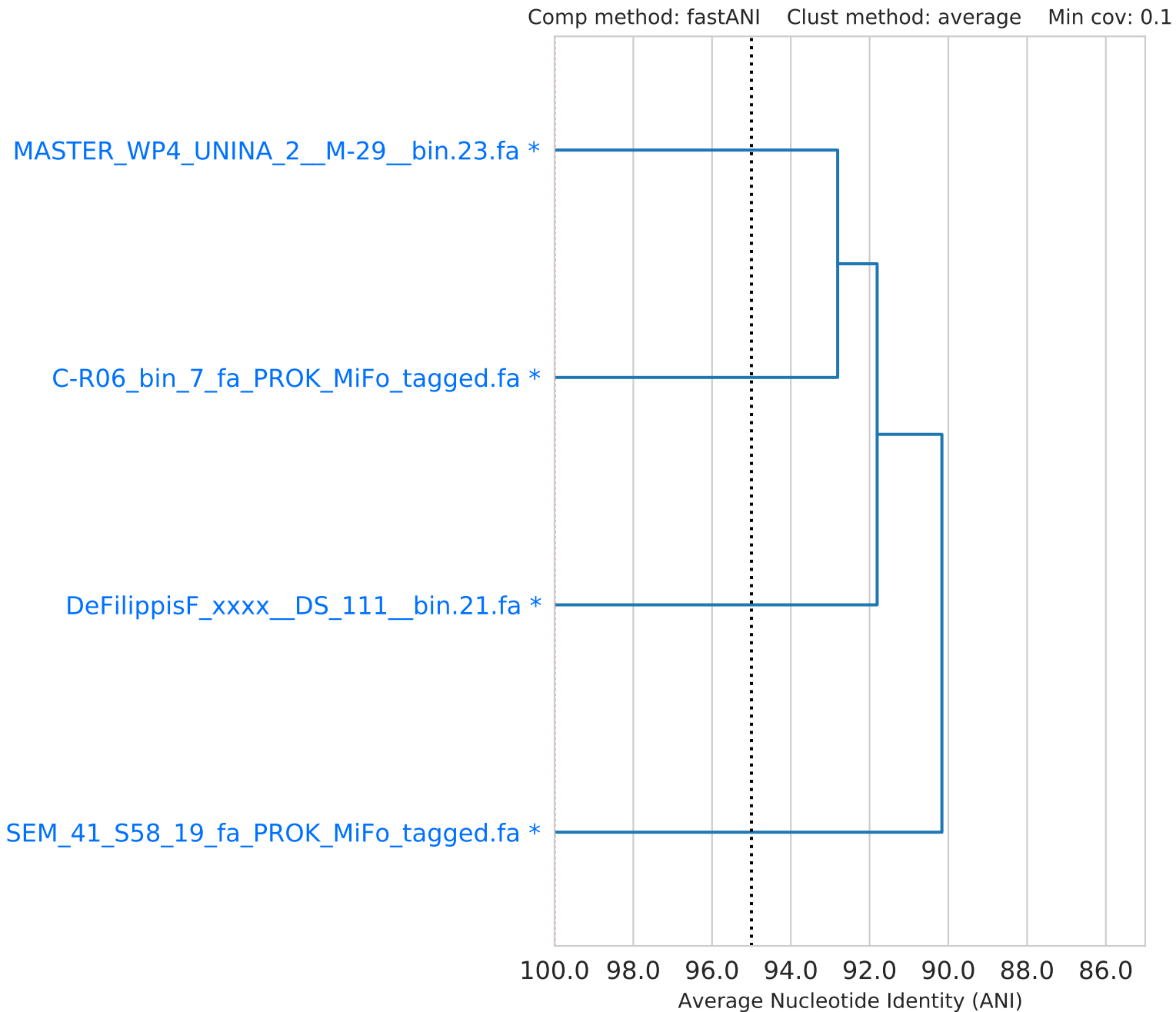
MASTER_WP4_UNINA_2__V-21__bin.24.fa *

Imad_S-7-b_bin_11_fa_PROK_MiFo_tagged.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

Primary cluster 199

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

MASTER_WP4_UNINA_2__M-29__bin.23.fa *

C-R06_bin_7_fa_PROK_MiFo_tagged.fa *

DeFilippisF_xxxx__DS_111__bin.21.fa *

SEM_41_S58_19_fa_PROK_MiFo_tagged.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

Primary cluster 226

Primary cluster 231

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

MASTER_WP4_FFoQSI_3__VB09-20__bin.6.fa *

DeFilippisF_xxxx__DF_114__bin.9.fa *

WalshL_xxxx__U2__bin.1.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

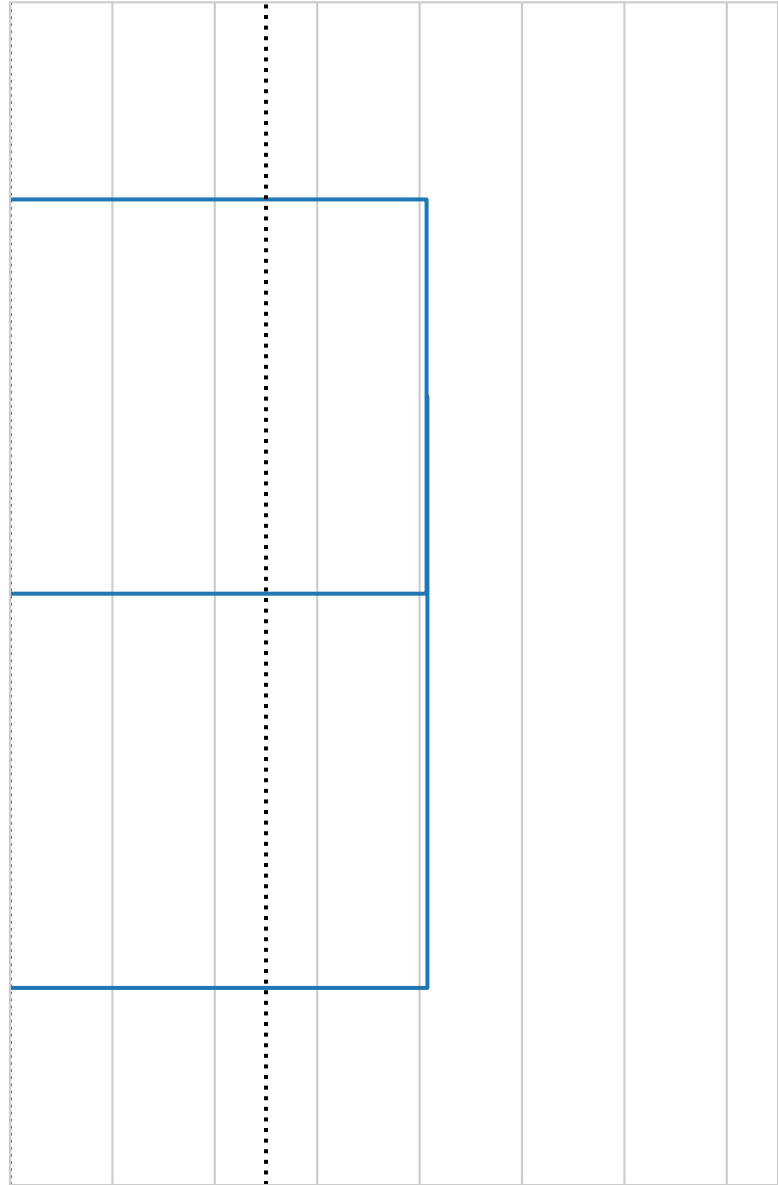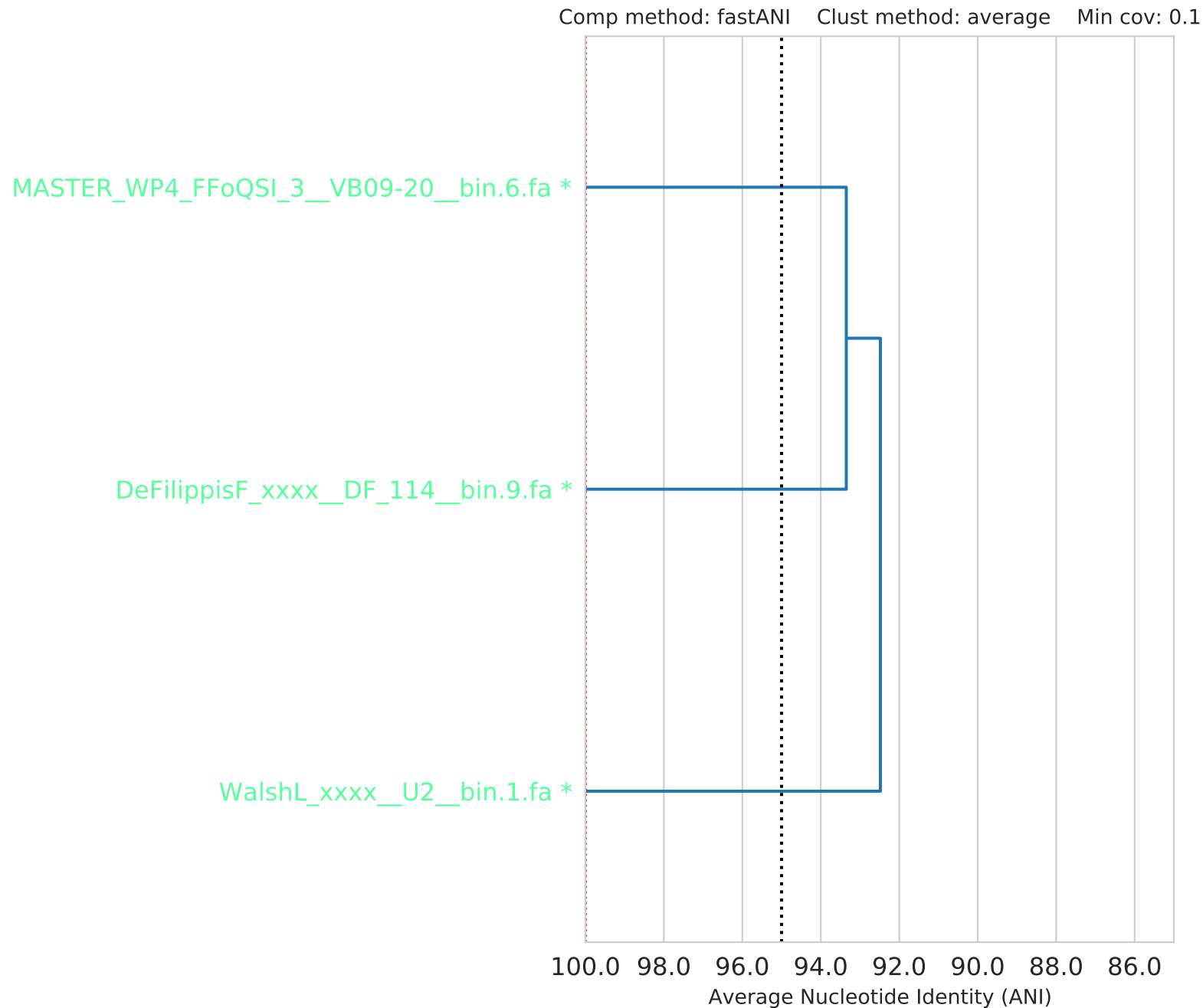# Primary cluster 232

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

MASTER_WP4_CSIC_2__P2476__bin.1.fa *

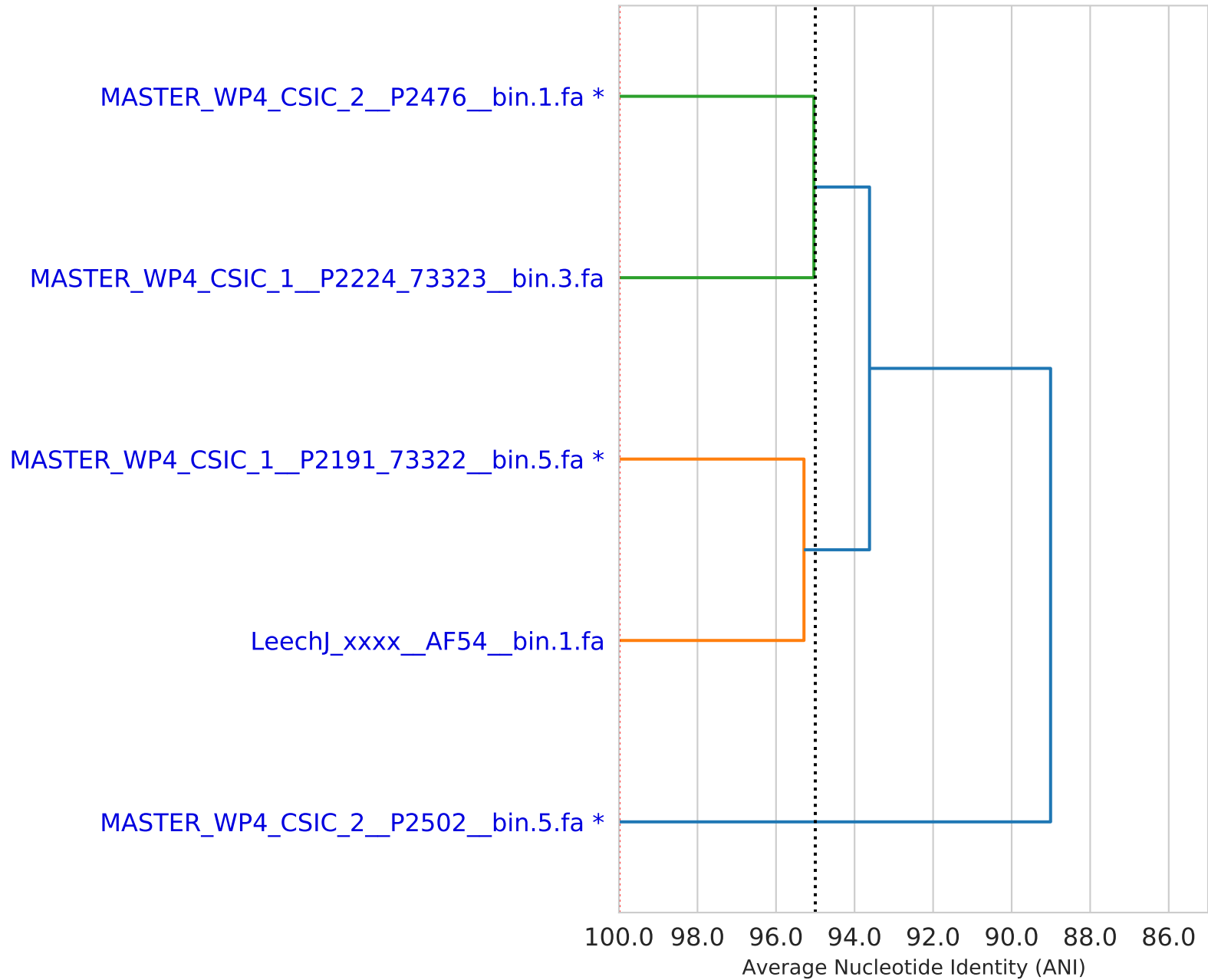MASTER_WP4_CSIC_1__P2224_73323__bin.3.fa

MASTER_WP4_CSIC_1__P2191_73322__bin.5.fa *

LeechJ_xxxx__AF54__bin.1.fa

MASTER_WP4_CSIC_2__P2502__bin.5.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0
Average Nucleotide Identity (ANI)

Primary cluster 234

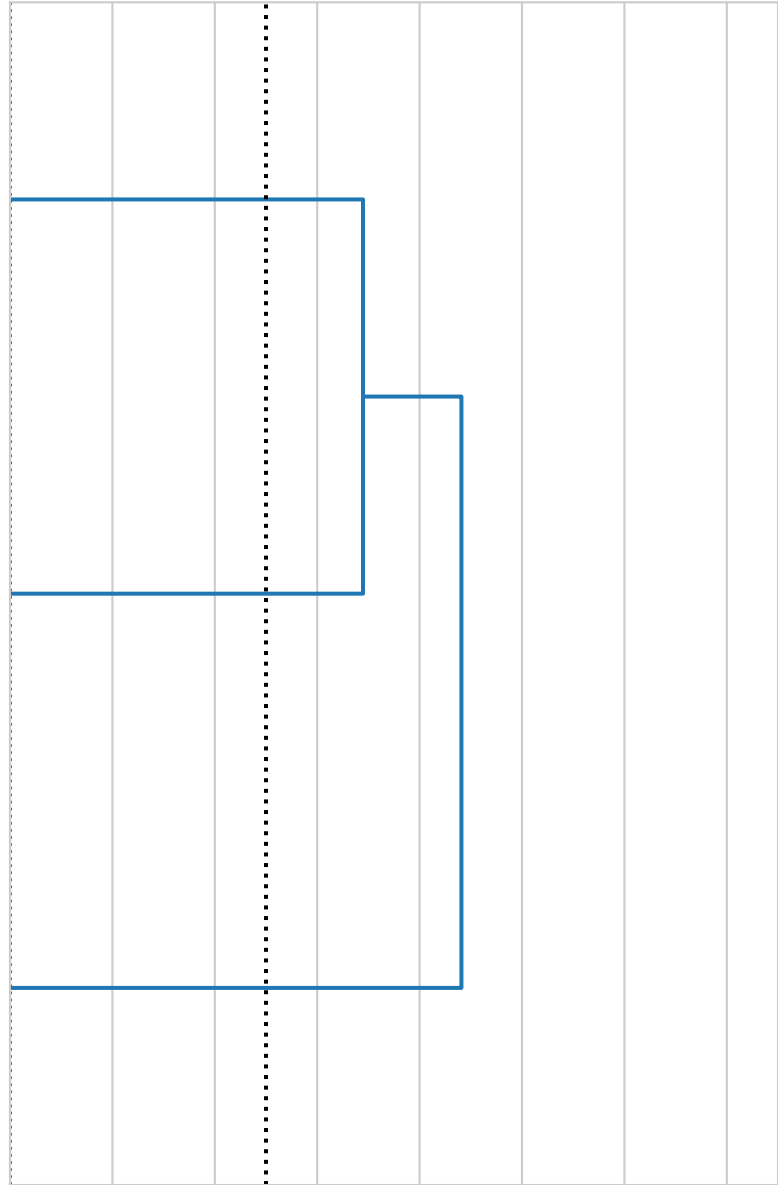Comp method: fastANI   Clust method: average   Min cov: 0.1

WalshL_xxxx__Q3__bin.4.fa *
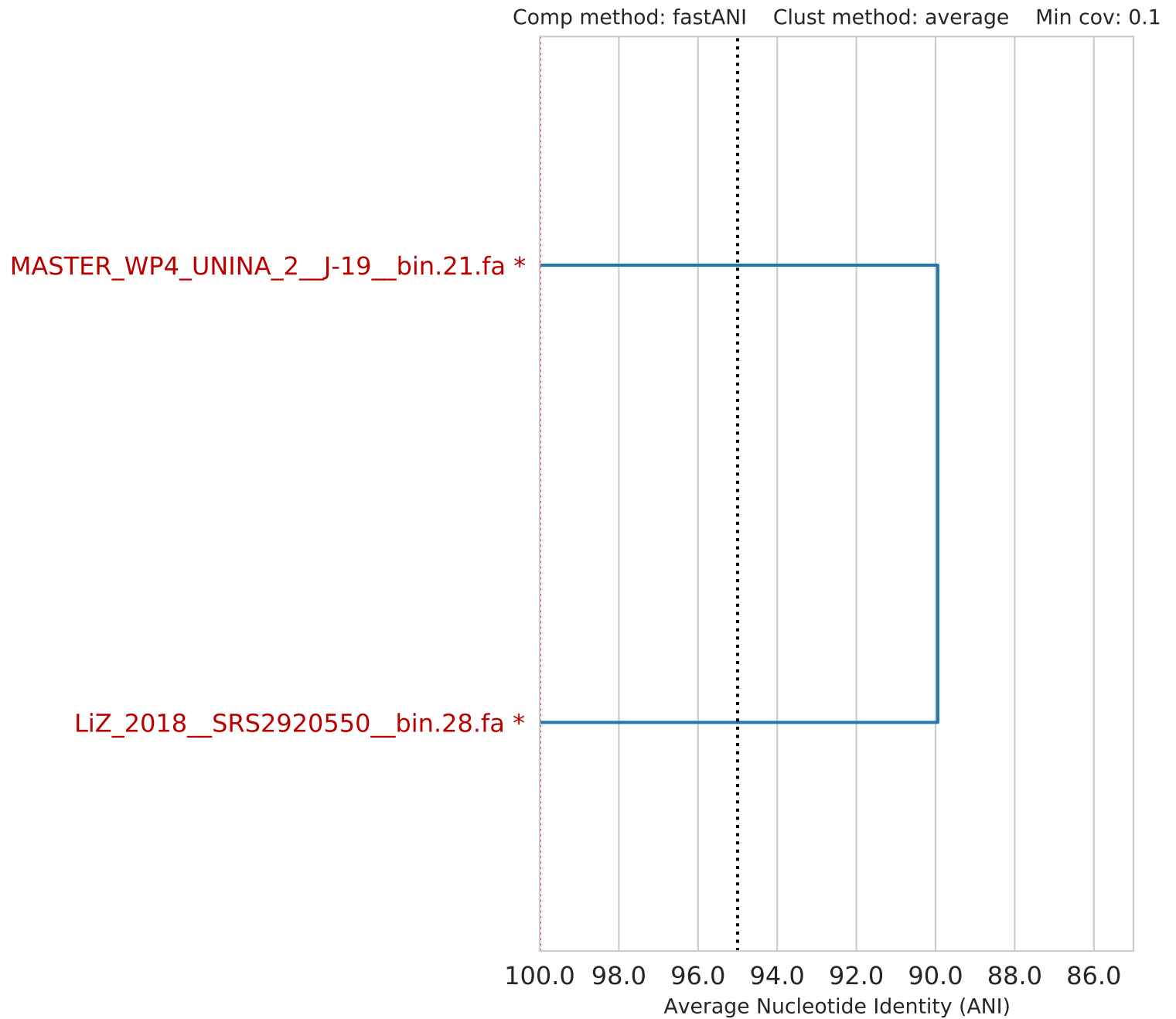
MASTER_WP4_FFoQSI_2__VB15-20__bin.2.fa *

MASTER_WP4_UNINA_2__J-18__bin.3.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0
Average Nucleotide Identity (ANI)
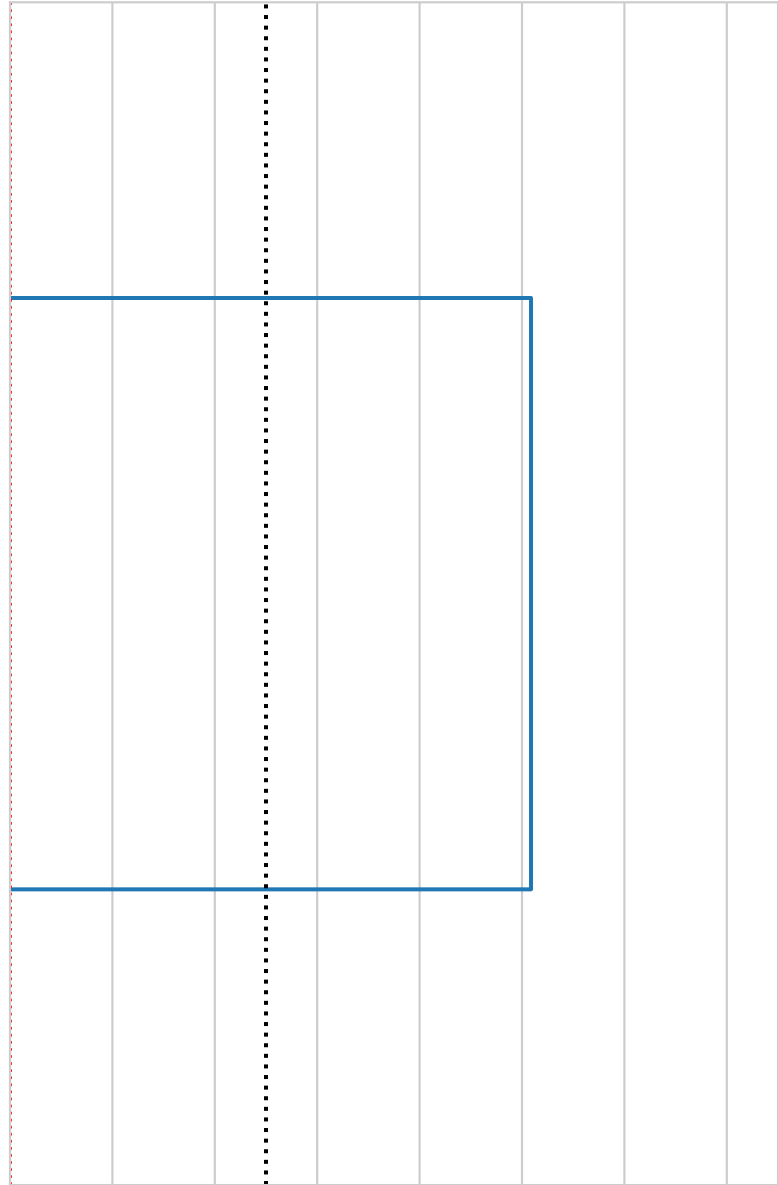
Primary cluster 235

Primary cluster 239

Primary cluster 272

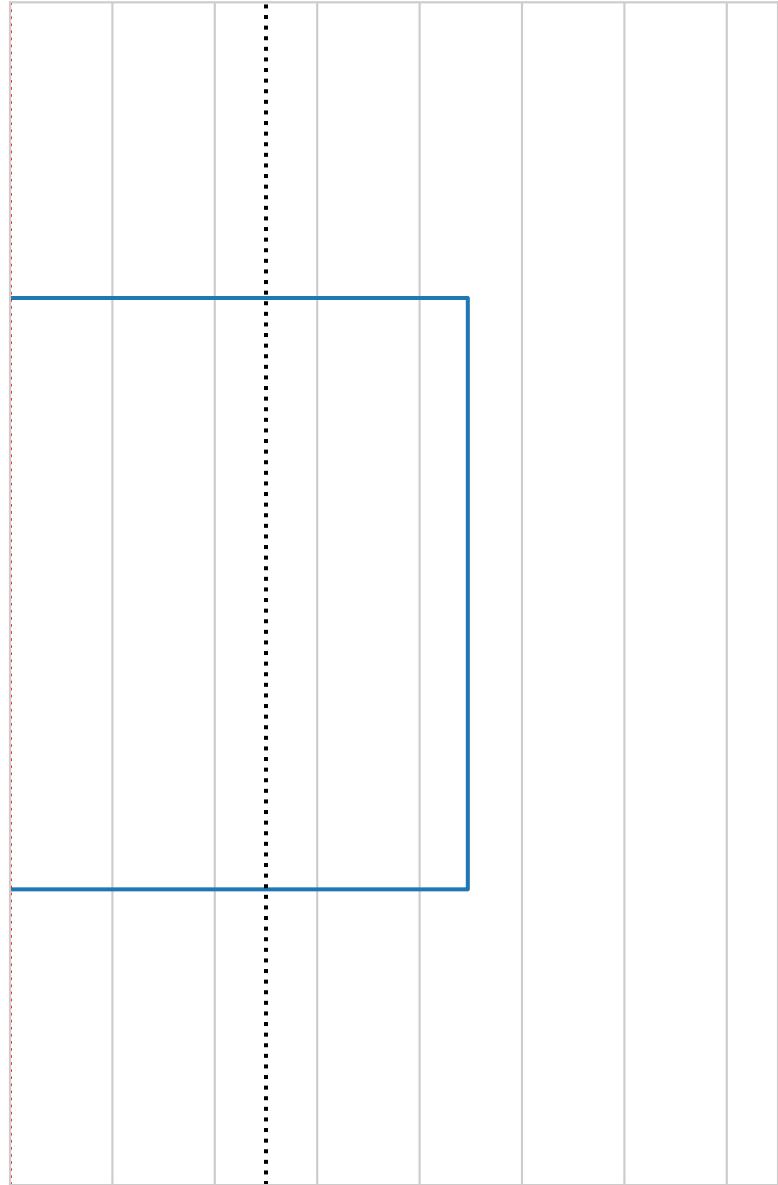Comp method: fastANI   Clust method: average   Min cov: 0.1

AlvarezOrdonezA_xxxx__Q07-29__bin.22.fa *

AlvarezOrdonezA_xxxx__Q07-29__bin.11.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

Primary cluster 276

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

PatroJN_2016__SRS1044732__bin.6.fa

LeechJ_2020__ERS3967711__bin.6.fa *

Average Nucleotide Identity (ANI)

Primary cluster 294

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

DeFilippisF_xxxx__DF_18__bin.10.fa *

AlvarezOrdonezA_xxxx__C06-19__bin.13.fa *

Average Nucleotide Identity (ANI)

Primary cluster 307

Primary cluster 313

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

MASTER_WP4_FFoQSI_1__VB-14-M17__bin.27.fa *

AlvarezOrdonezA_xxxx__Q07-22__bin.19.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0
Average Nucleotide Identity (ANI)

Primary cluster 340

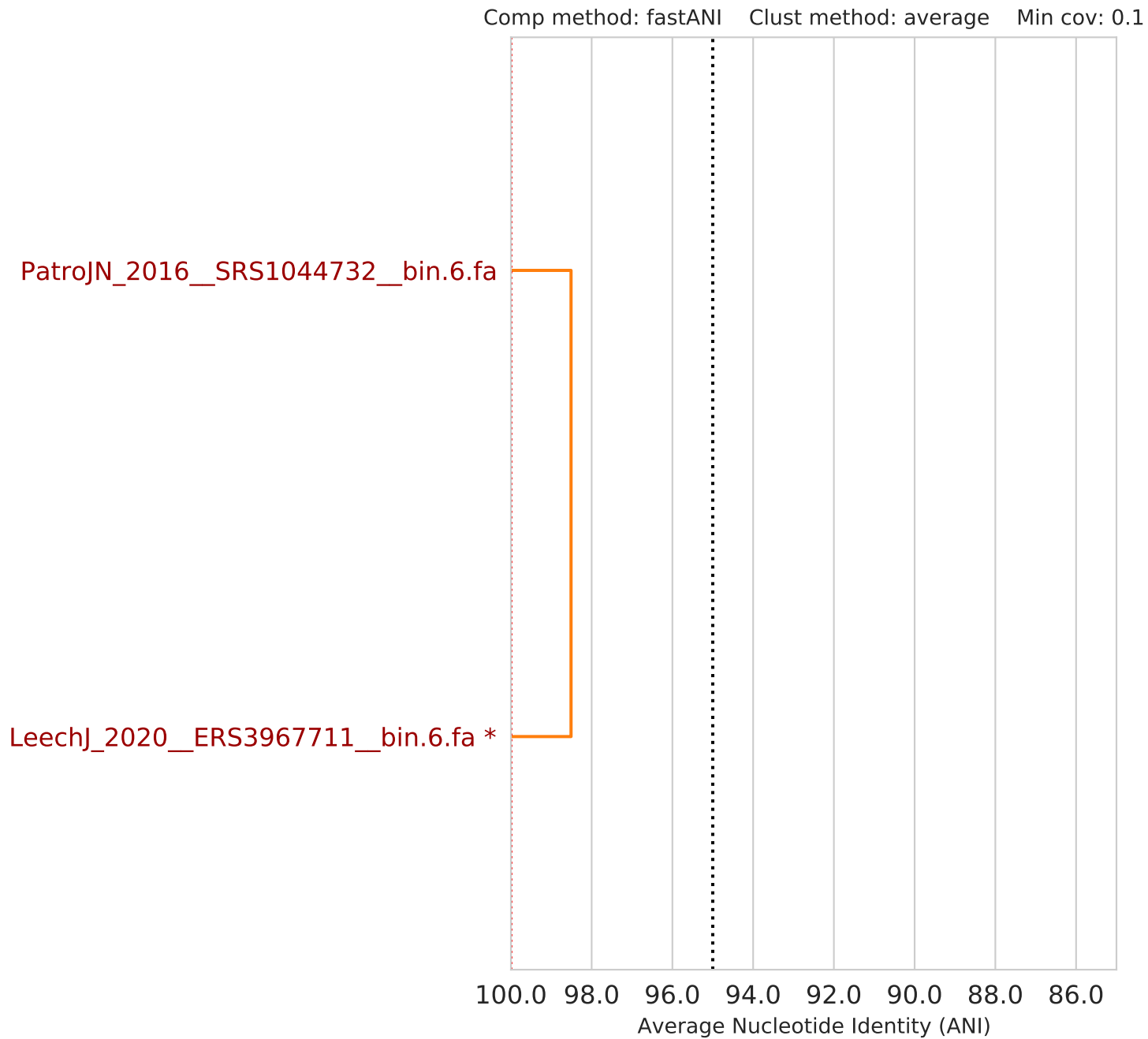Comp method: fastANI   Clust method: average   Min cov: 0.1

WolfeBE_2014__575_CabotClothbound__bin.6.fa *

WalshAM_2020__ERS3466771__bin.4.fa *

AlvarezOrdonezA_xxxx__Q01-29__bin.6.fa *

AlvarezOrdonezA_xxxx__Q03-30__bin.5.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0
Average Nucleotide Identity (ANI)

Primary cluster 344

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

MASTER_WP4_UNINA_1__SP109_71775__bin.29.fa *

C-R14_bin_10_fa_PROK_MiFo_tagged.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

Primary cluster 345

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

MEGAHIT-CONCOCT-group-0_83_misob2.fa *

BertuzziAS_2018__ERS2032125__bin.2.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)
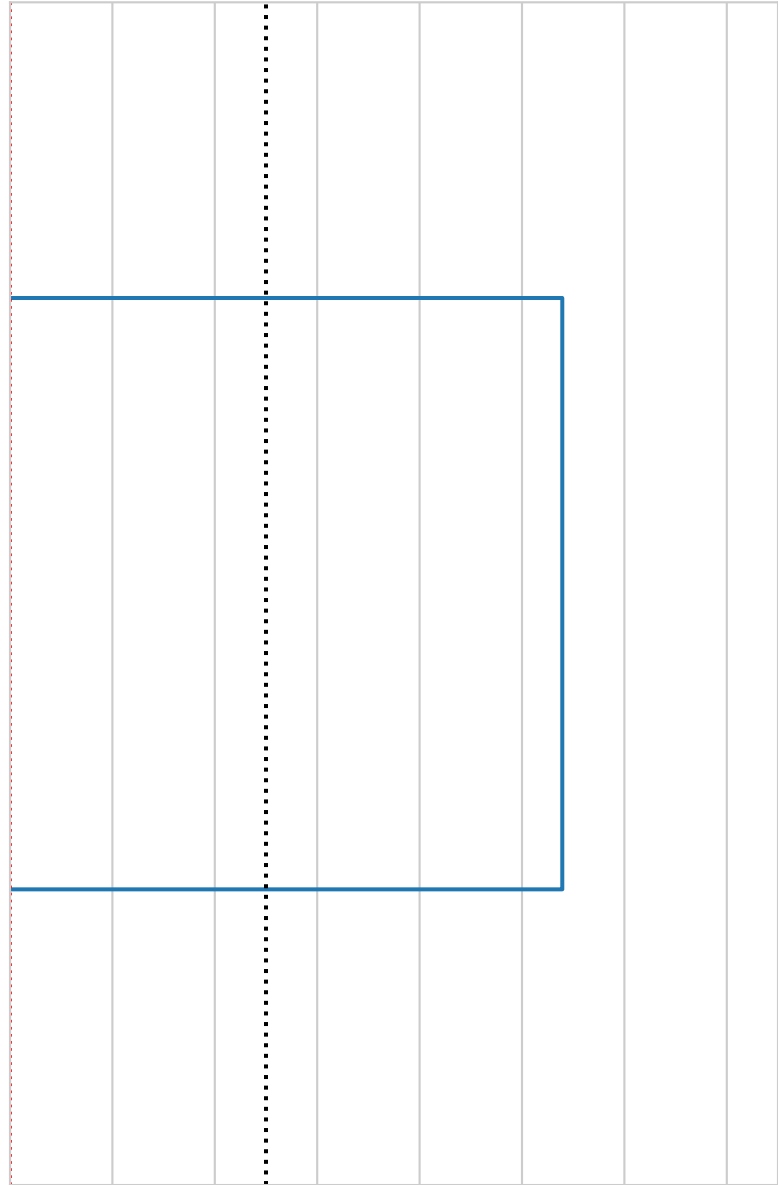
Primary cluster 355

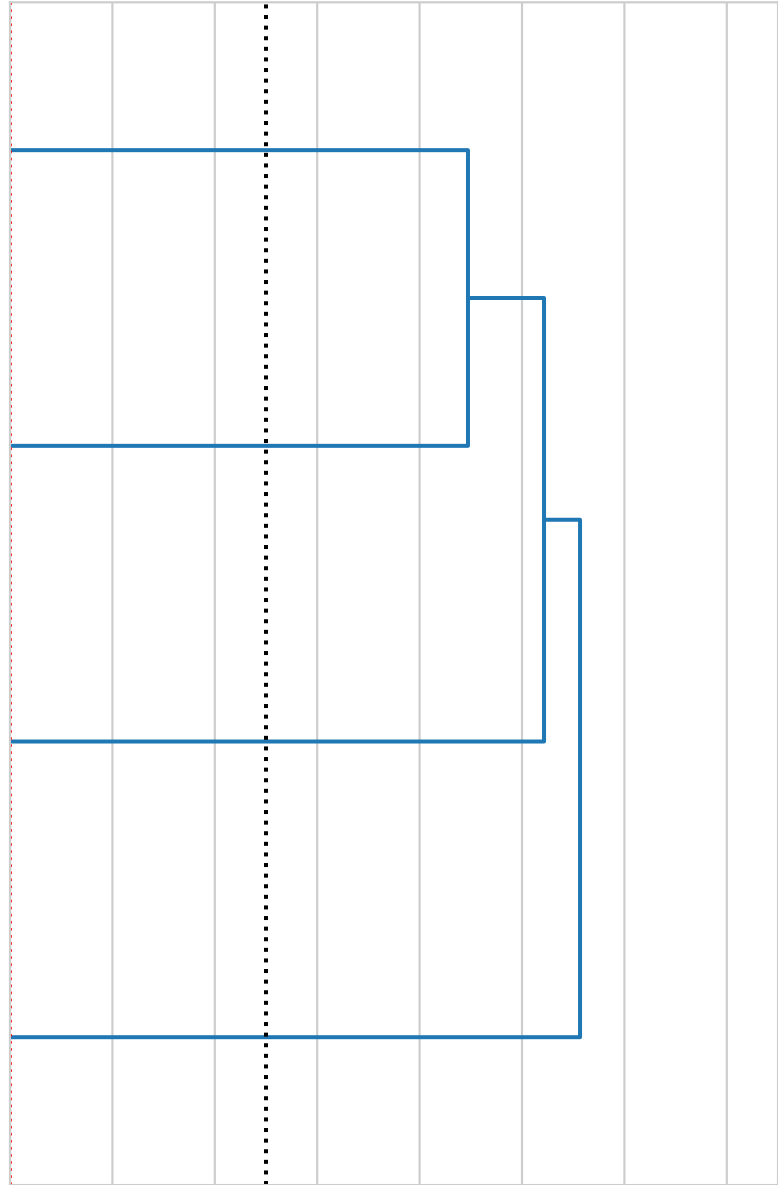Comp method: fastANI   Clust method: average   Min cov: 0.1

MASTER_WP4_FFoQSI_1__KM-1D__bin.12.fa *

EBC_110_6_fa_PROK_MiFo_tagged.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)
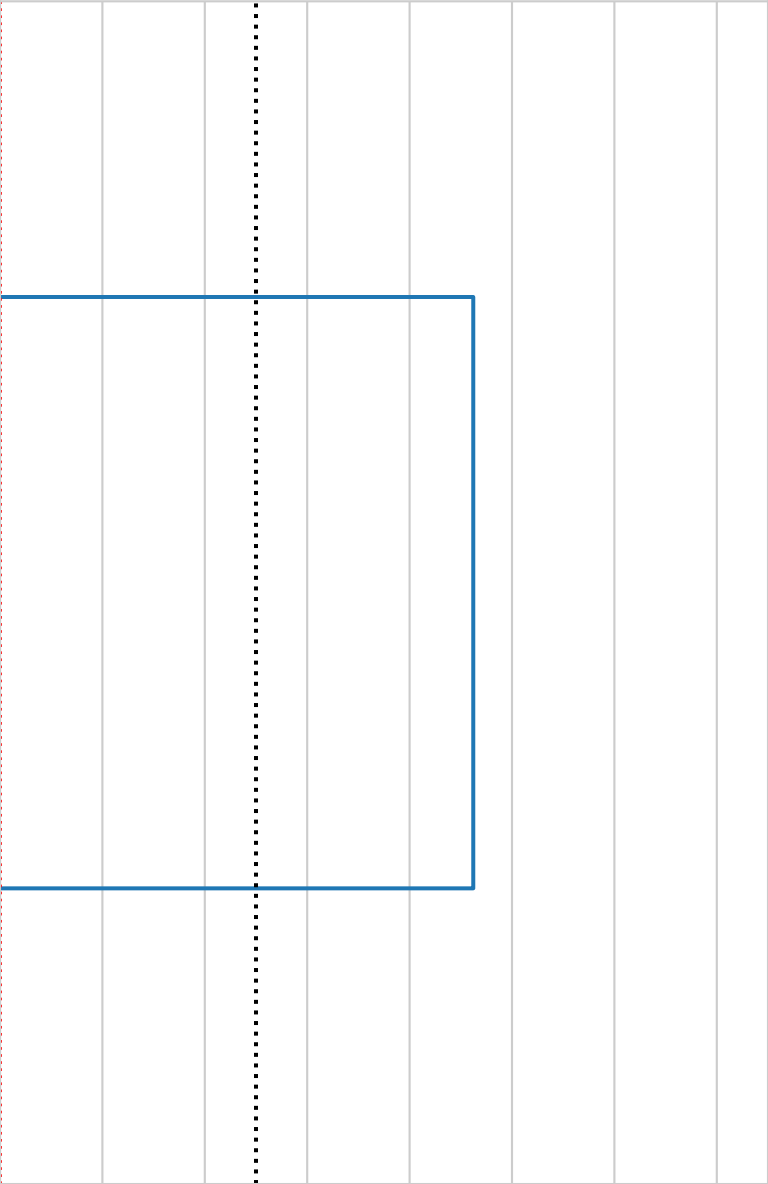
Primary cluster 360

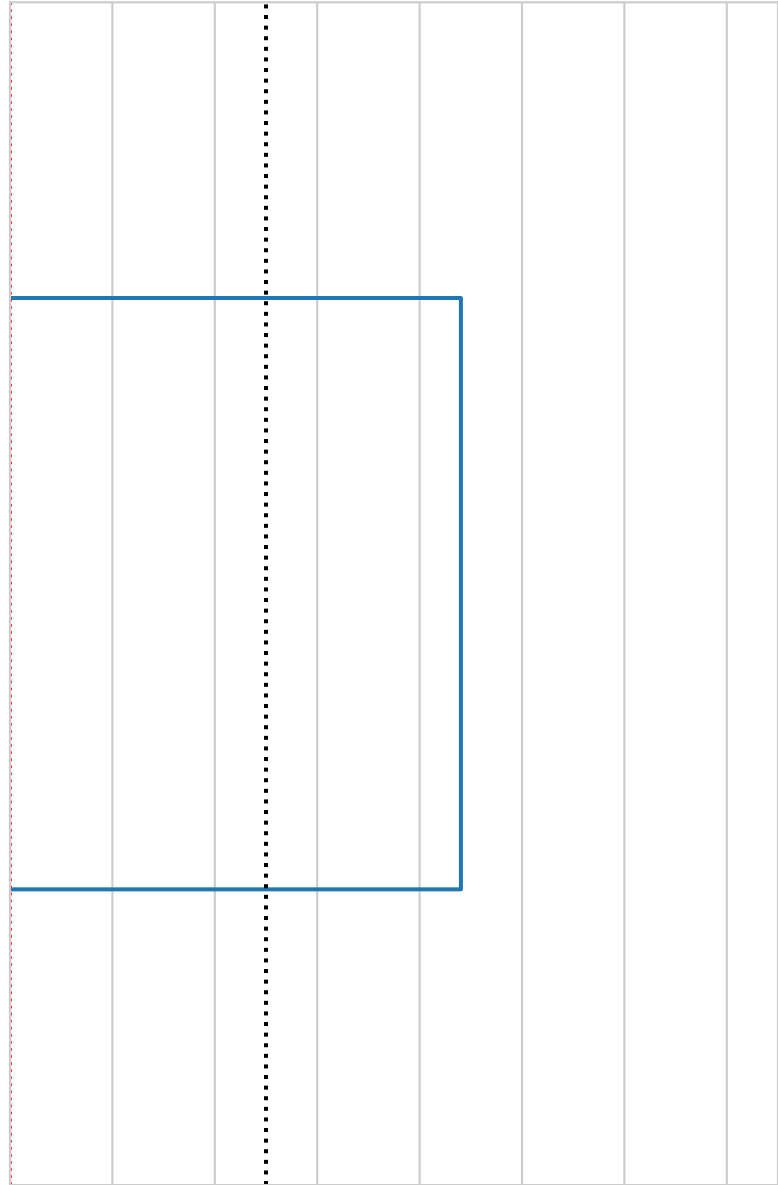Comp method: fastANI   Clust method: average   Min cov: 0.1

MortensenS_xxxx__WK041-2-G-48h-04B8_S117__bin.1.fa *

LeechJ_2020__ERS3967734__bin.7.fa *

Average Nucleotide Identity (ANI)

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Primary cluster 374

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

MASTER_WP4_UNINA_2__Q-18__bin.1.fa *

MASTER_WP4_FFoQSI_2__VB10-22__bin.20.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0
Average Nucleotide Identity (ANI)
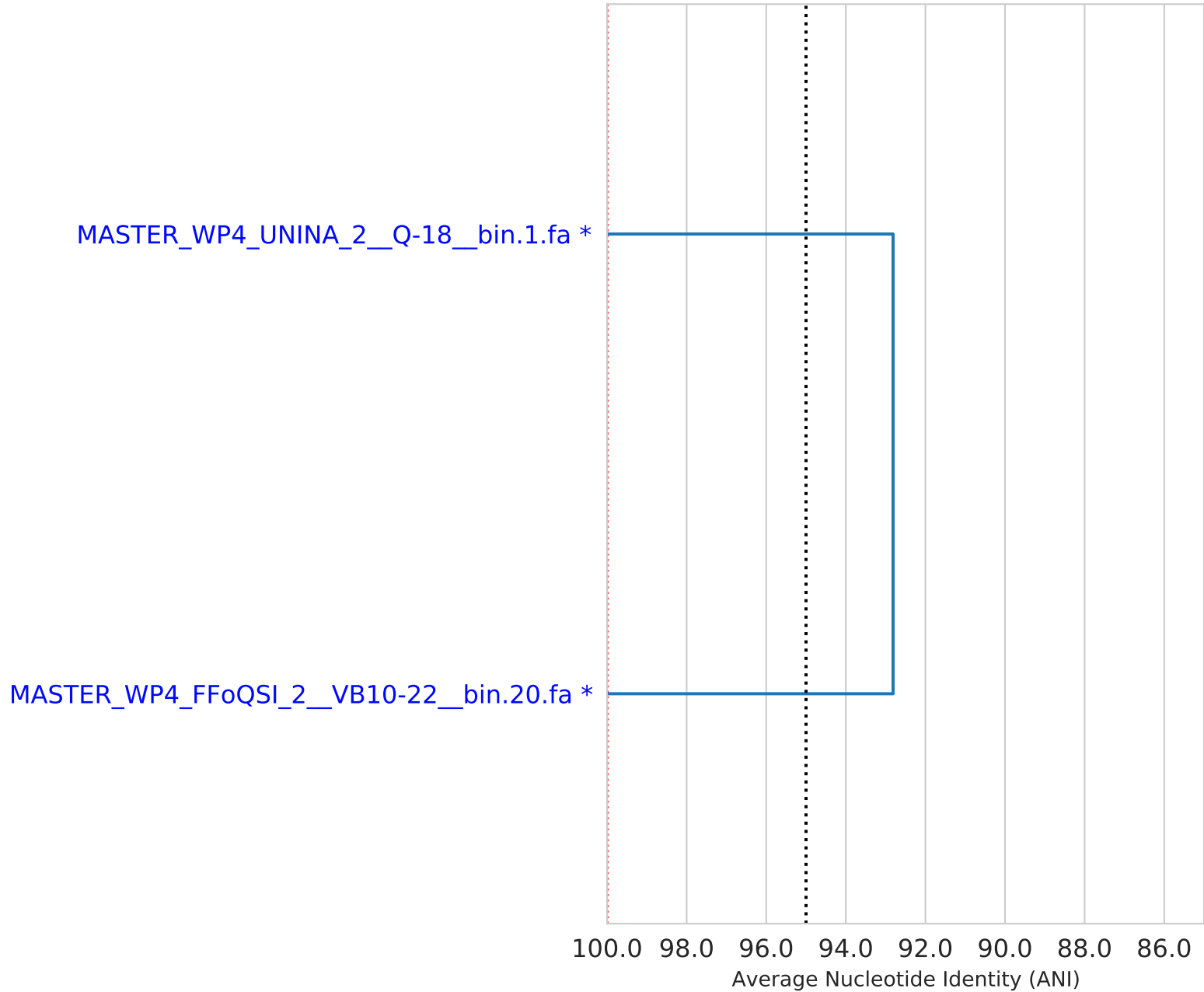
Primary cluster 376

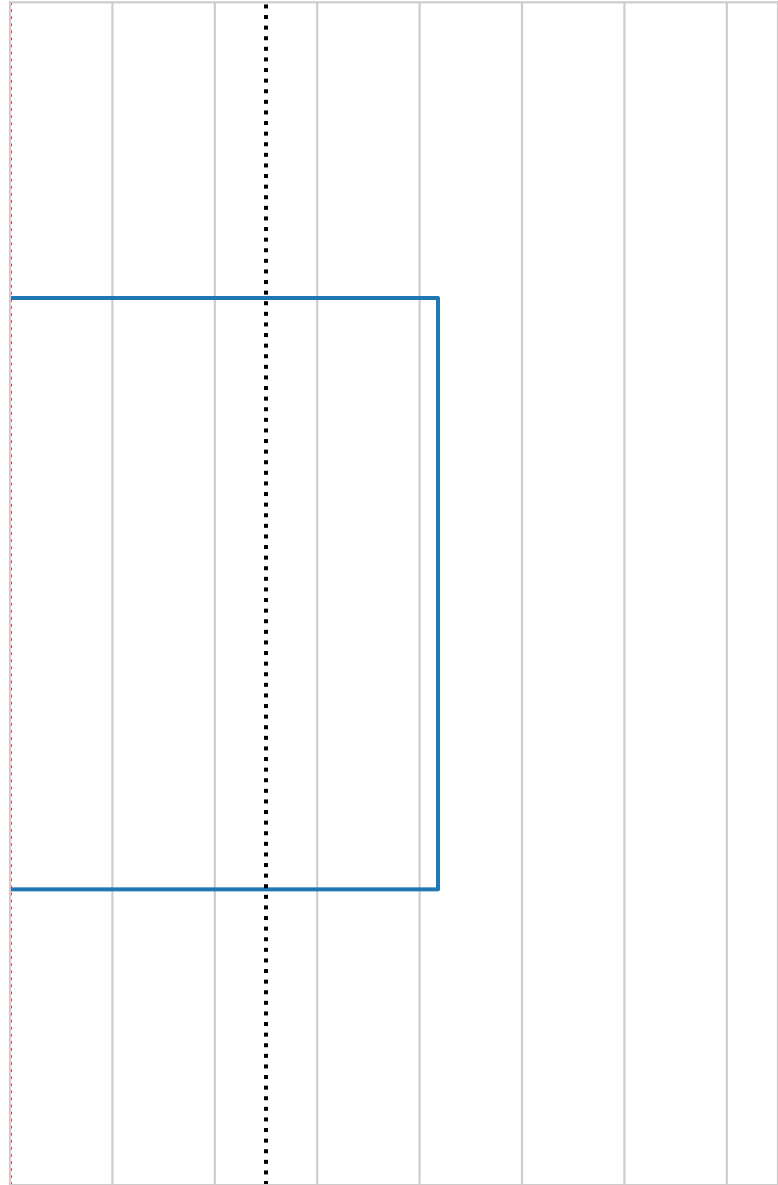Comp method: fastANI   Clust method: average   Min cov: 0.1

MASTER_WP4_UNINA_2__Q-16__bin.22.fa *

MASTER_WP4_FFoQSI_3__VB07-22__bin.11.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0
Average Nucleotide Identity (ANI)

Primary cluster 377

MASTER_WP4_UNINA_2__O-30__bin.2.fa *

MASTER_WP4_FFoQSI_2__VB16-22__bin.7.fa *

Average Nucleotide Identity (ANI)

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0
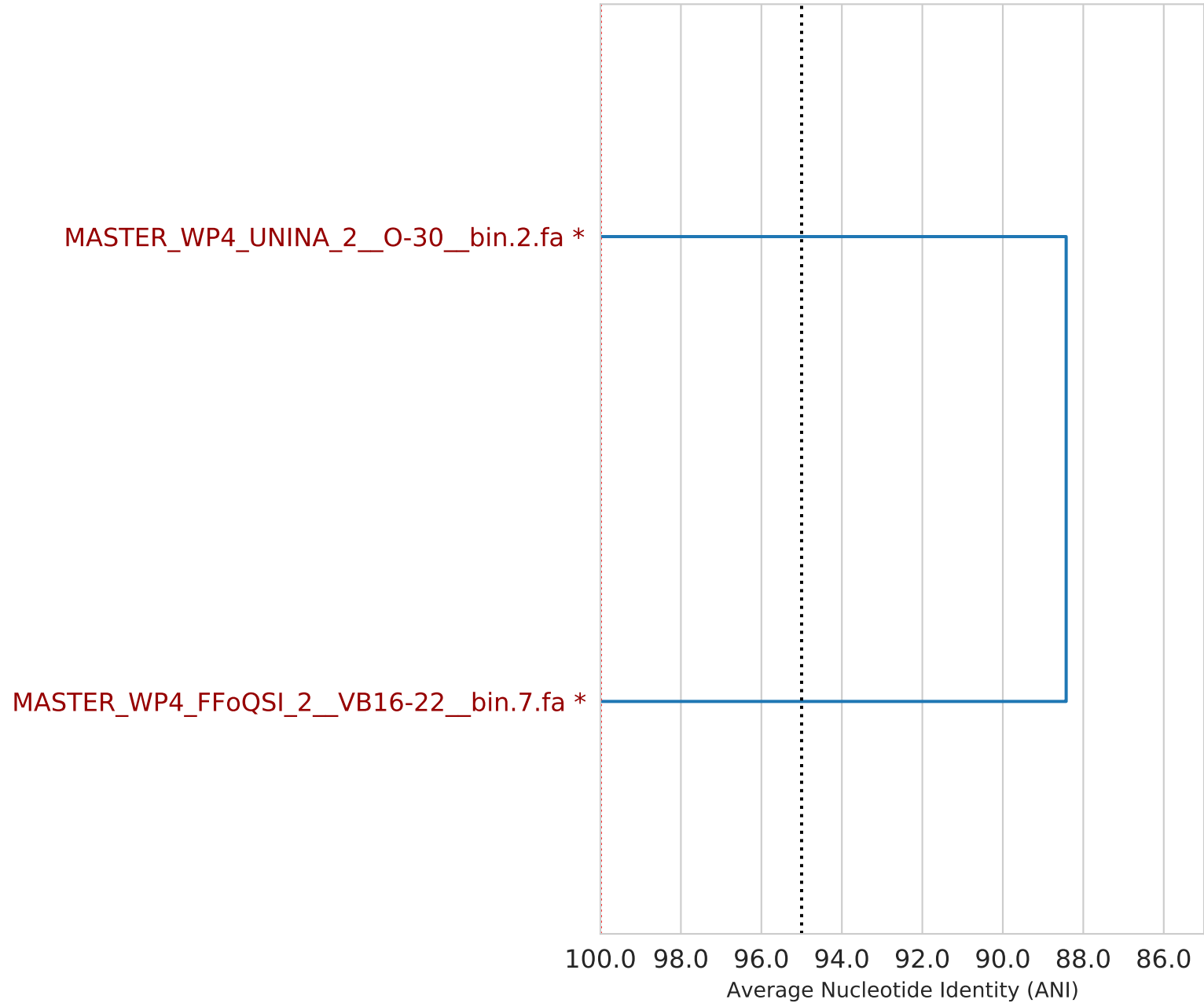
Primary cluster 402

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

PothakosV_2020__ERS2068298__bin.19.fa *

MEGAHIT-MetaBAT2-group-0.76_misob2.fa

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0
Average Nucleotide Identity (ANI)
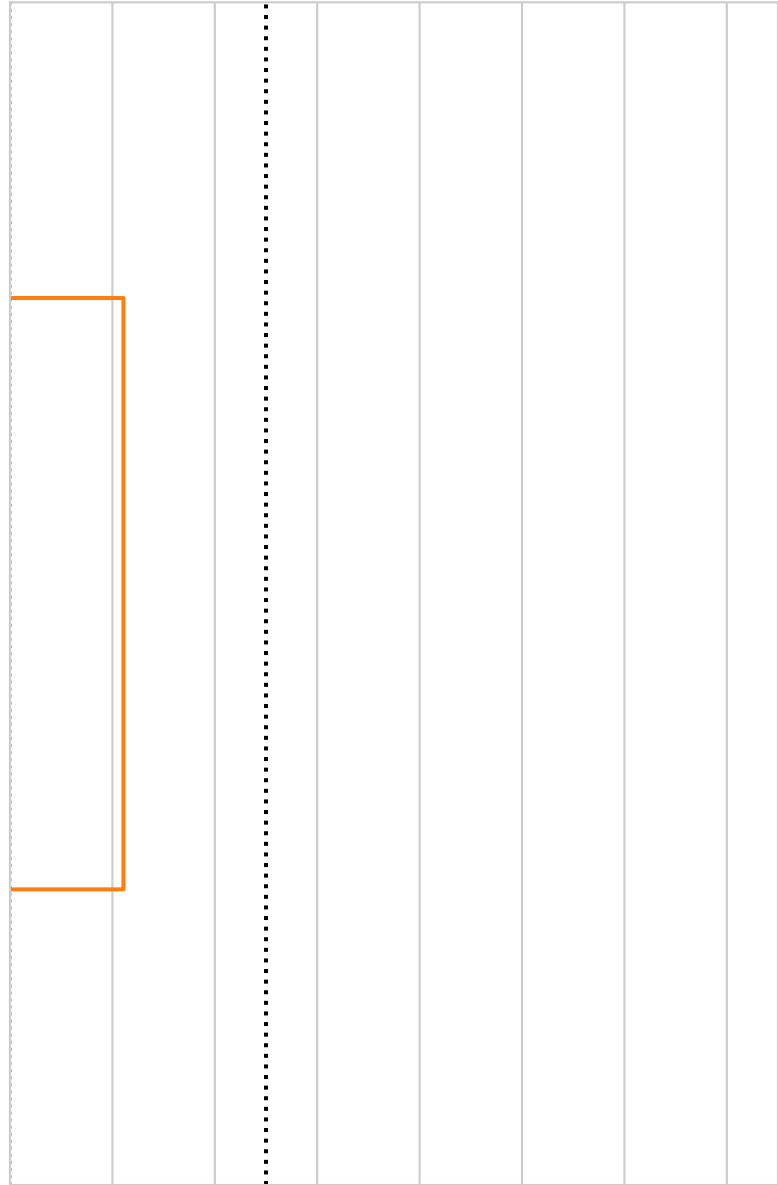
Primary cluster 403

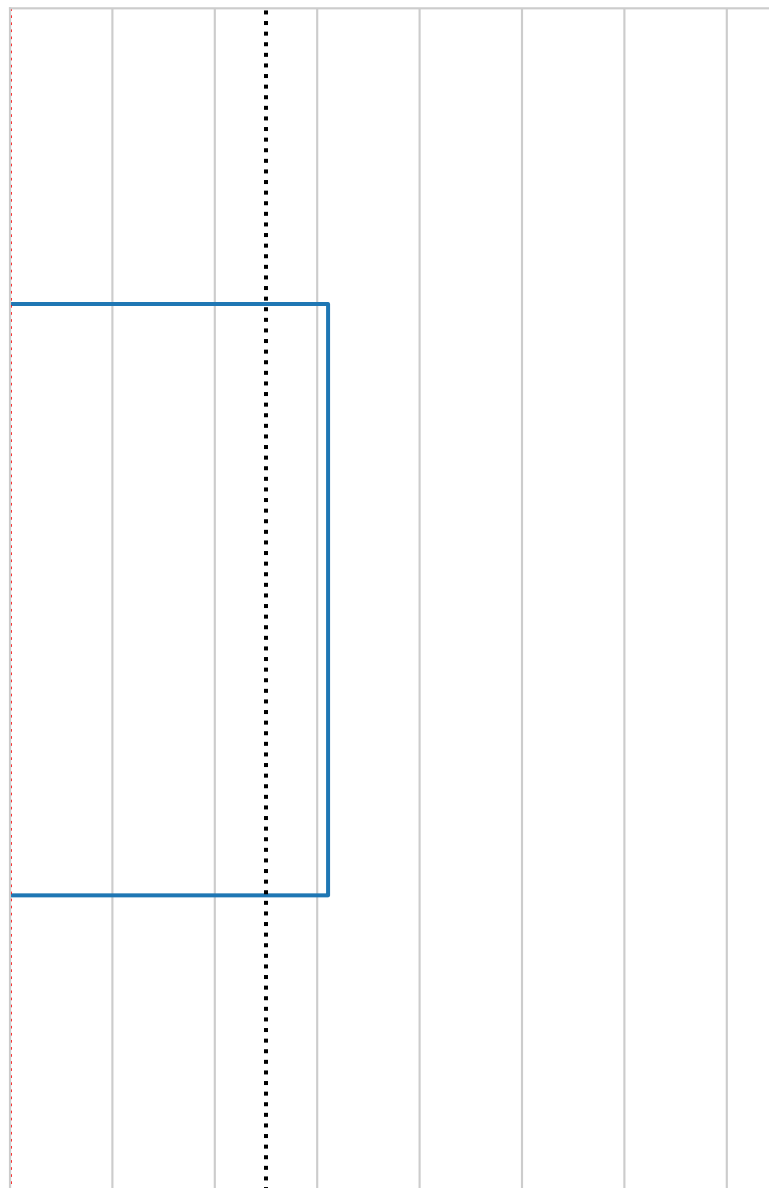Comp method: fastANI   Clust method: average   Min cov: 0.1

WolfeBE_2014__950_Rush_Creek__bin.5.fa *

MASTER_WP4_UNINA_1__TA011_71775__bin.10.fa *

Average Nucleotide Identity (ANI)
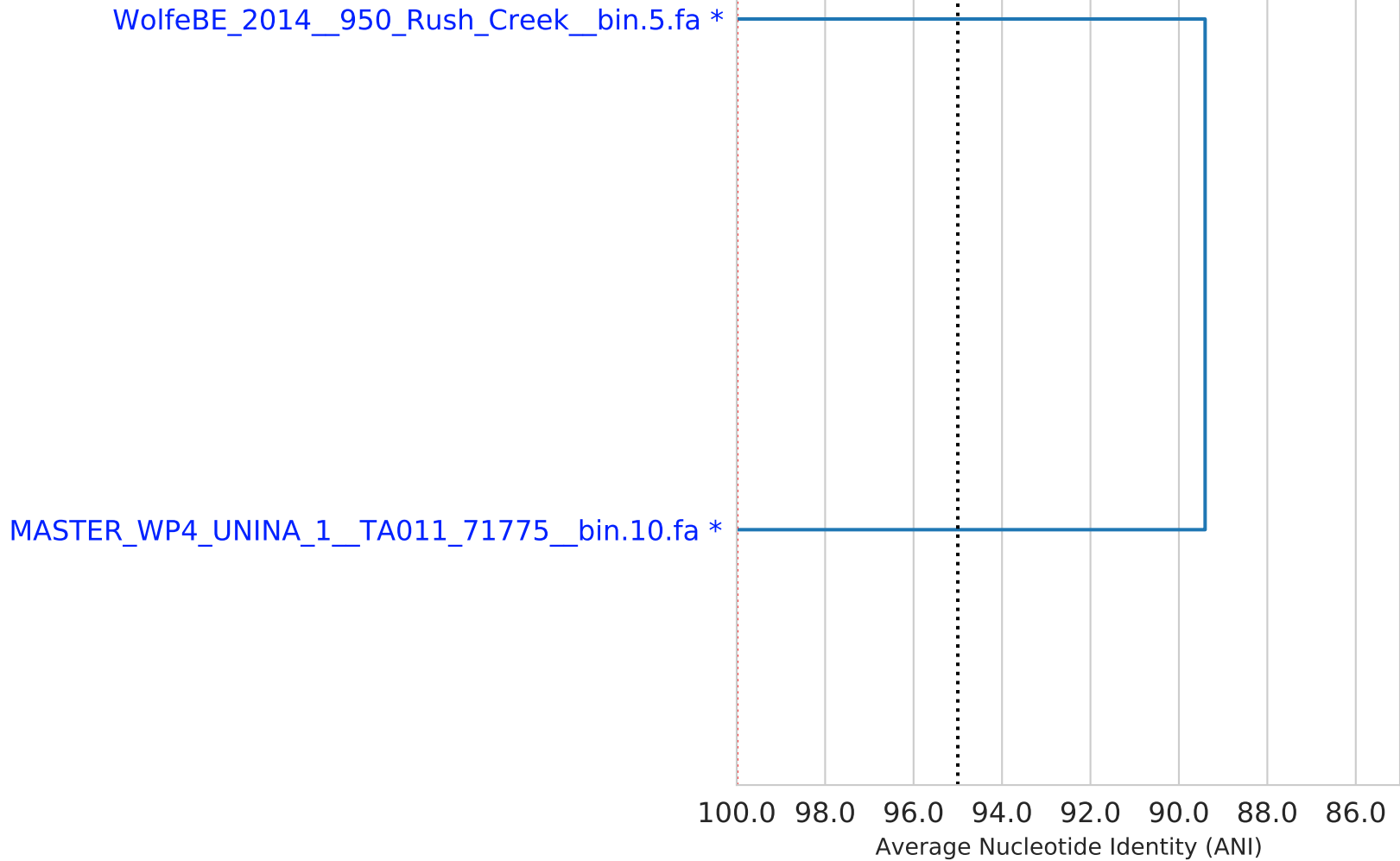
Primary cluster 418

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

MASTER_WP4_TEAGASC_1__TGS12-29__bin.14.fa *

MASTER_WP4_FFoQSI_1__VB-15-BD__bin.19.fa *

MASTER_WP4_FFoQSI_1__VB-09-AG__bin.19.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

Primary cluster 420

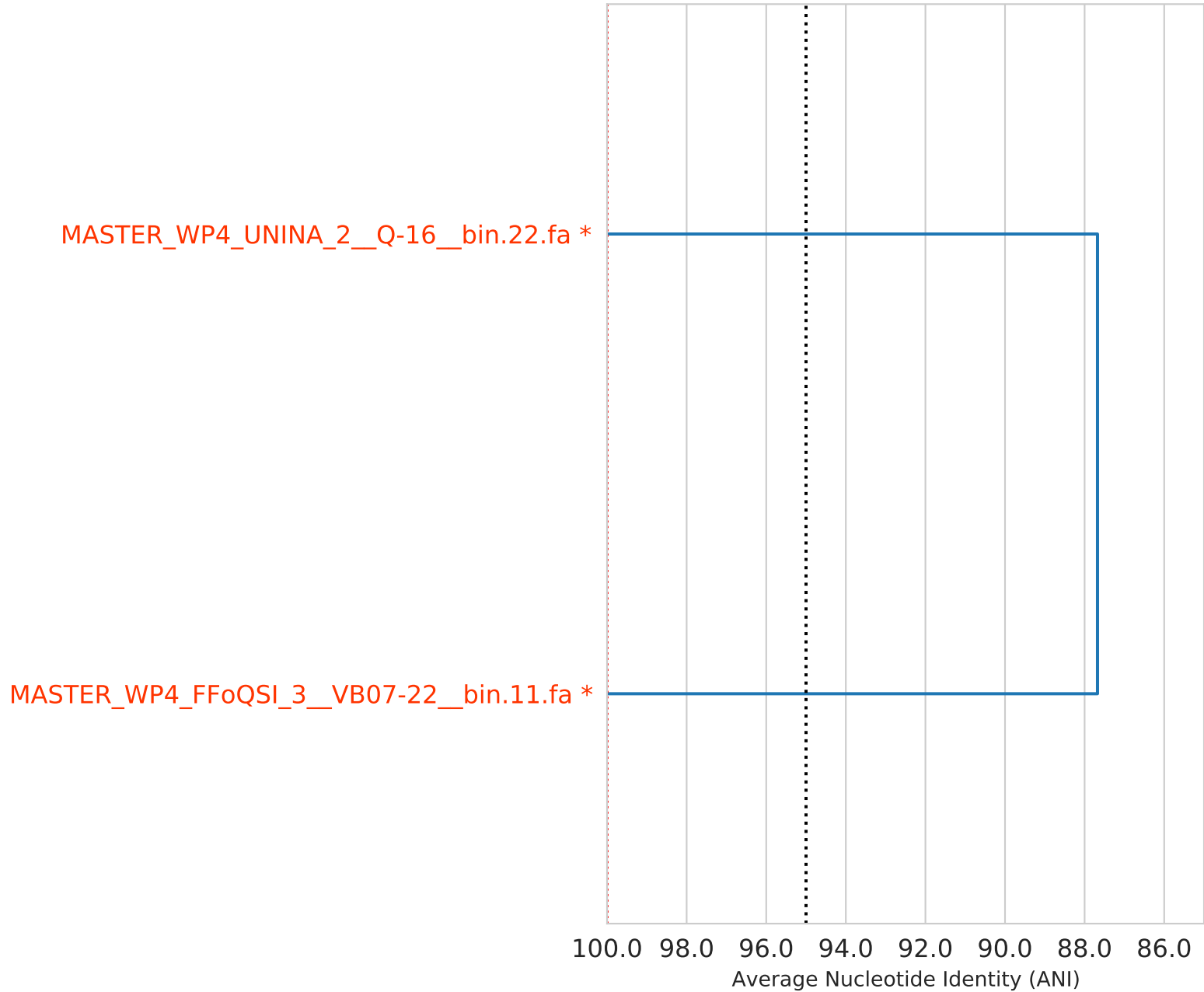Comp method: fastANI   Clust method: average   Min cov: 0.1

MASTER_WP4_UNINA_2__E-20__bin.6.fa *

AlvarezOrdonezA_xxxx__R03-19__bin.7.fa *

MASTER_WP4_UNINA_2__C-20__bin.3.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

Primary cluster 422

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

MEGAHIT-MetaBAT2-group-0.97_misob2.fa *

C-R13_bin_7_fa_PROK_MiFo_tagged.fa

Average Nucleotide Identity (ANI)

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Primary cluster 434

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

MASTER_WP4_FFoQSI_2__VB06-29__bin.15.fa *

MASTER_WP4_FFoQSI_1__VB-15-BD__bin.9.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0
Average Nucleotide Identity (ANI)

Primary cluster 436

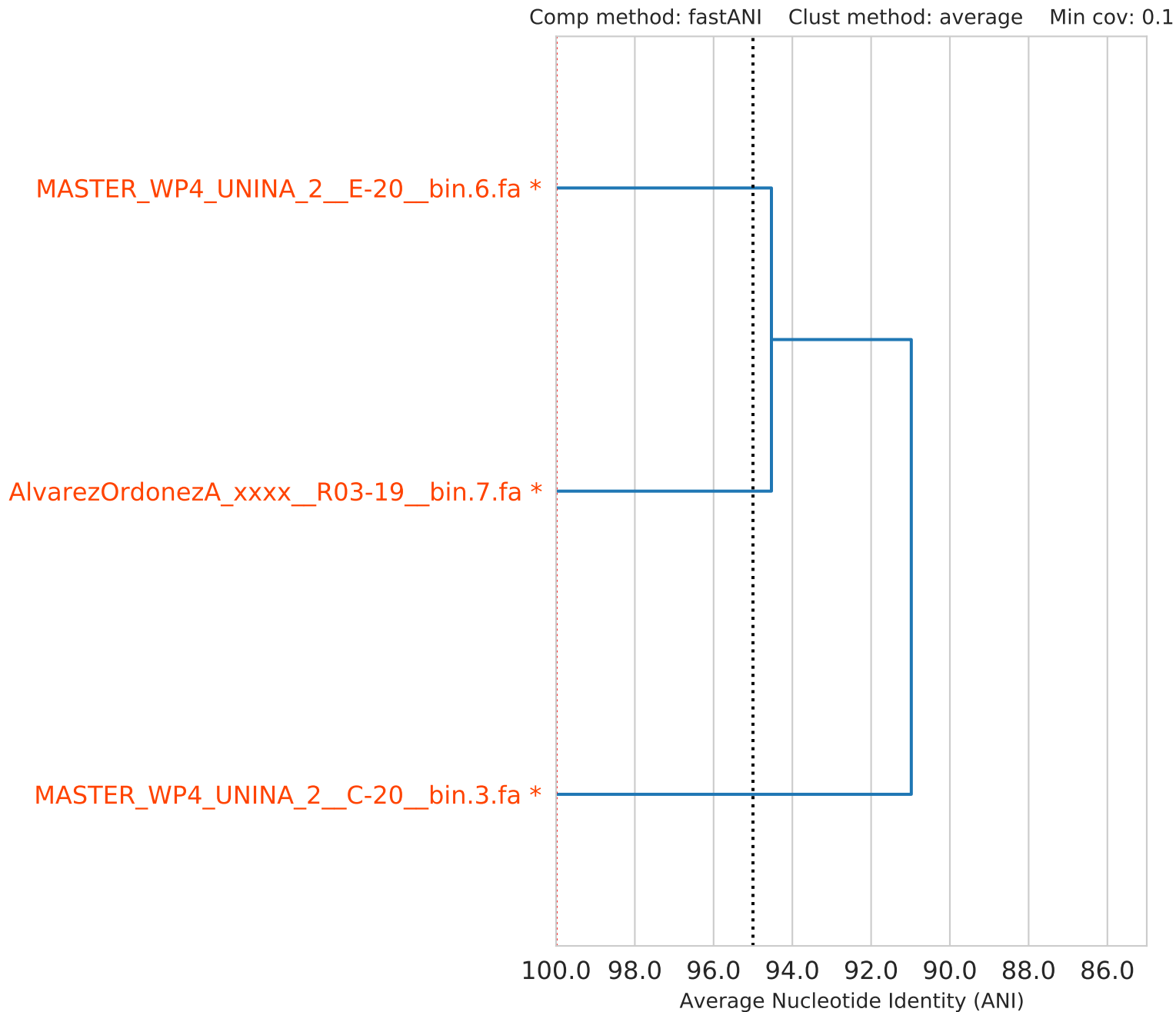Comp method: fastANI   Clust method: average   Min cov: 0.1

MASTER_WP4_CSIC_2__P2578__bin.28.fa *

KastmanEK_2016__CSB737__bin.5.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

Primary cluster 442

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

WolfeBE_2014__771_Tarentaise__bin.3.fa *
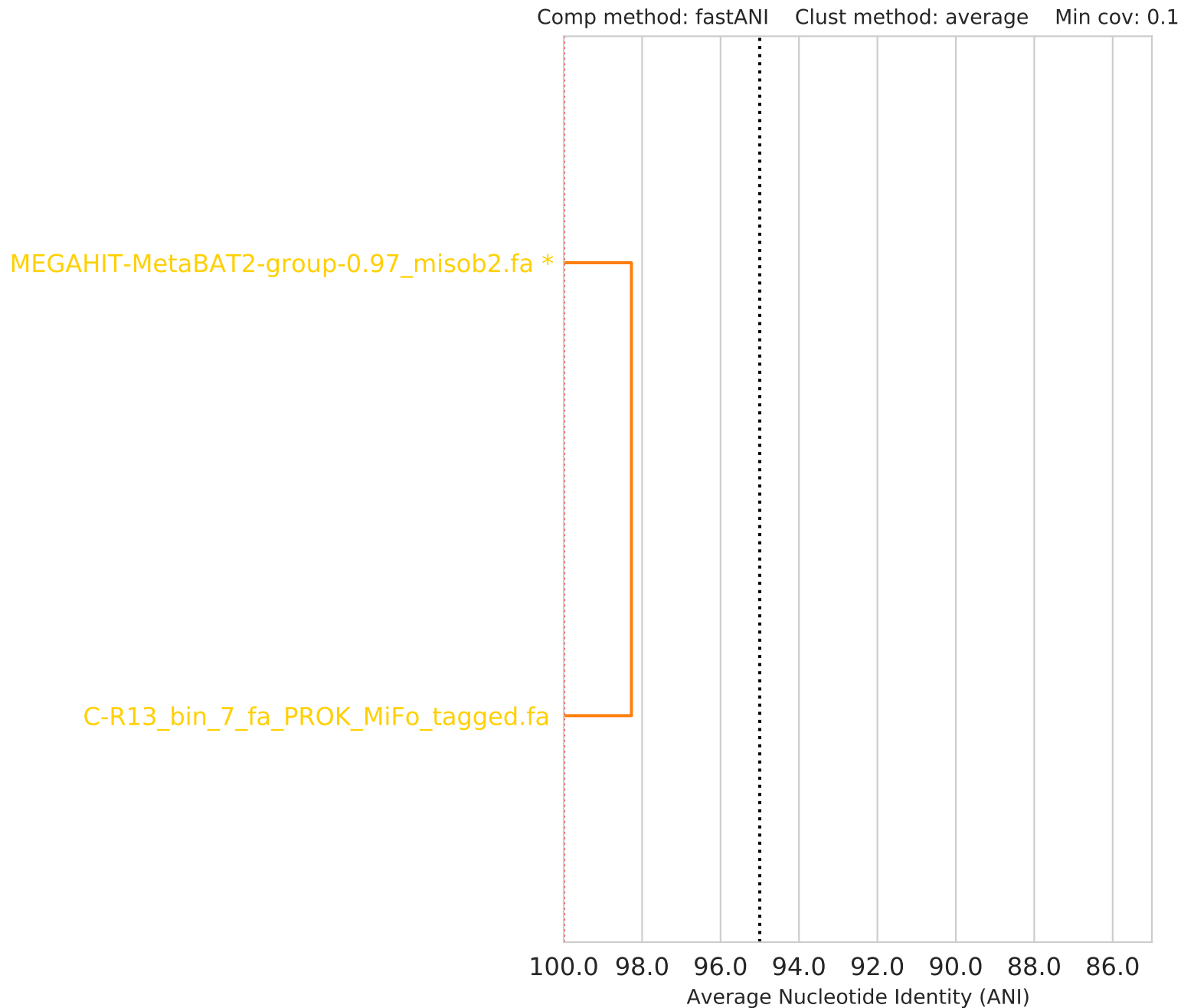
AlvarezOrdonezA_xxxx__Q03-30__bin.1.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0
Average Nucleotide Identity (ANI)

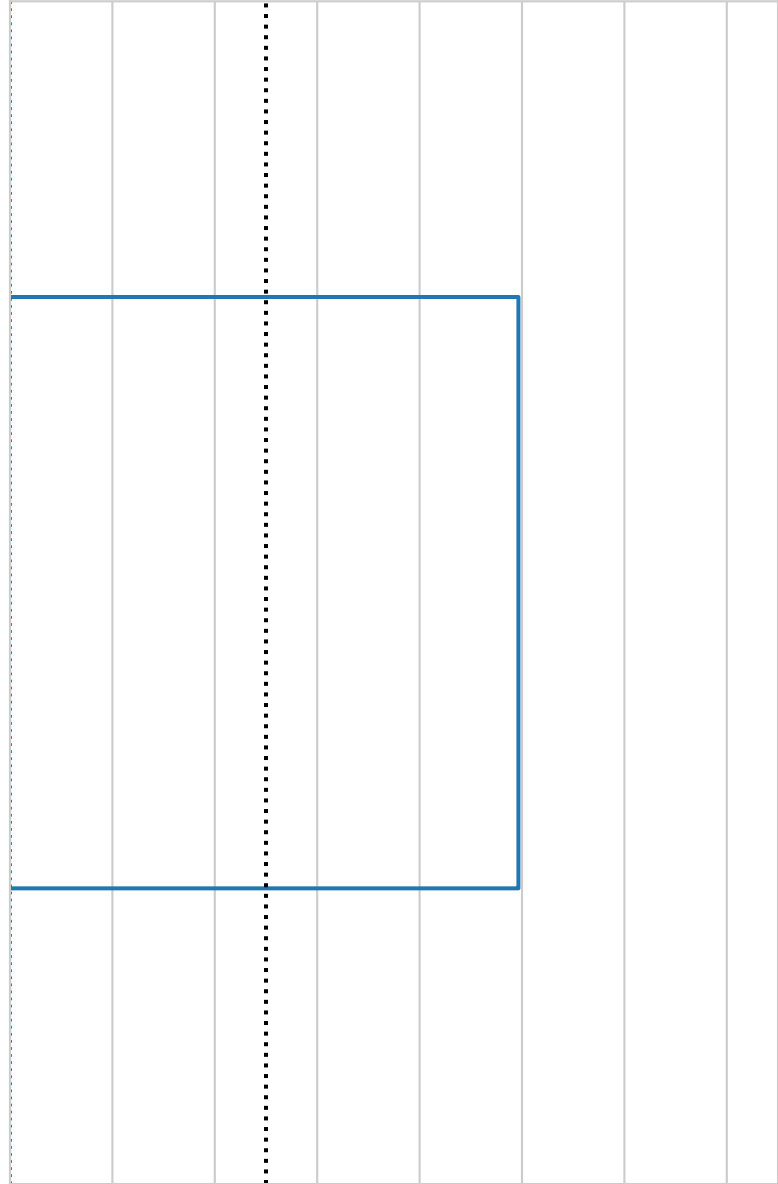# Primary cluster 454

Primary cluster 455

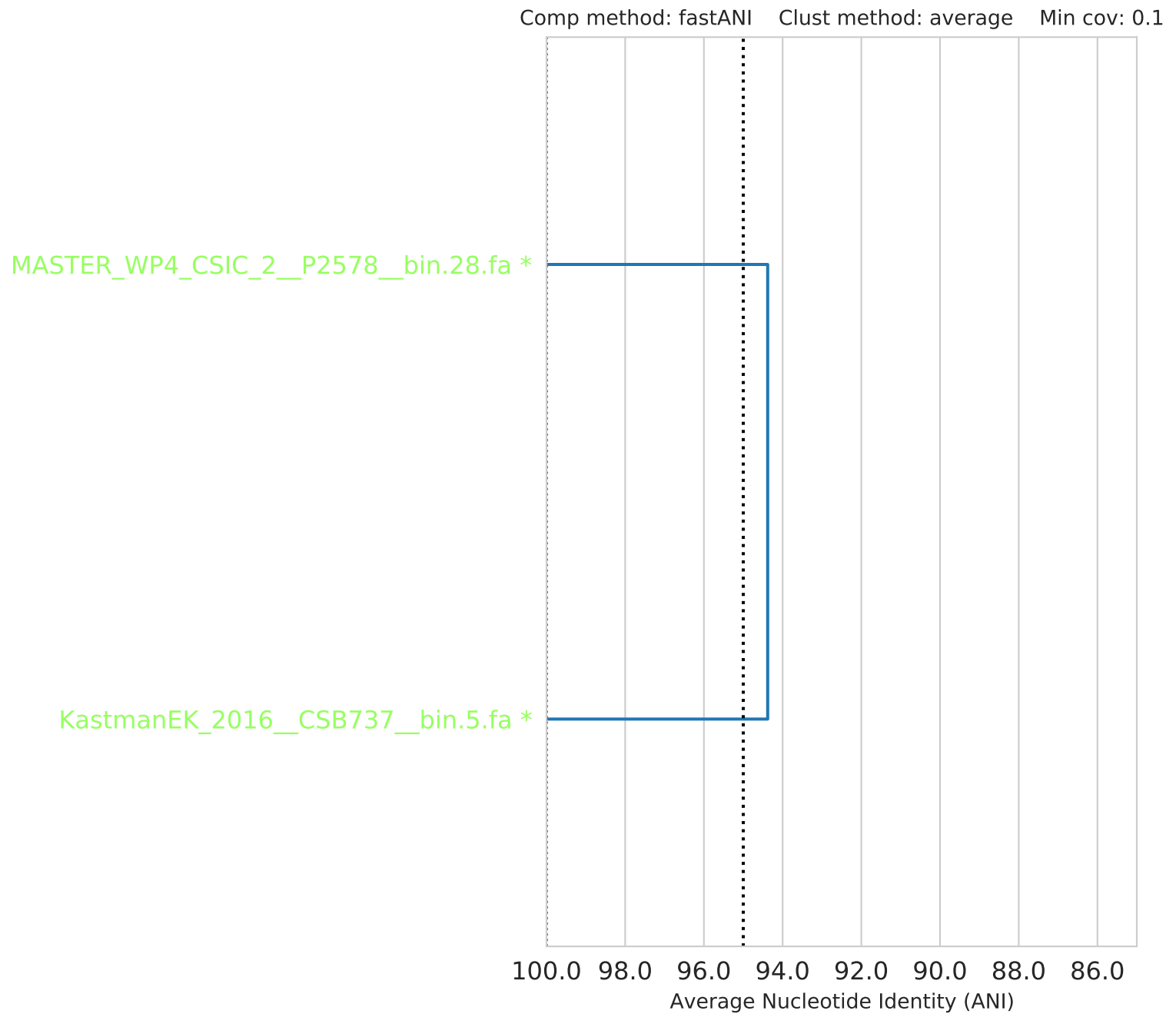Comp method: fastANI   Clust method: average   Min cov: 0.1

MASTER_WP4_TEAGASC_1__TGS01-22__bin.6.fa

AlvarezOrdonezA_xxxx__Q05-22__bin.10.fa *

WalshAM_2020__ERS3466737__bin.4.fa *

MASTER_WP4_FFoQSI_1__RC17-F-BR__bin.37.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

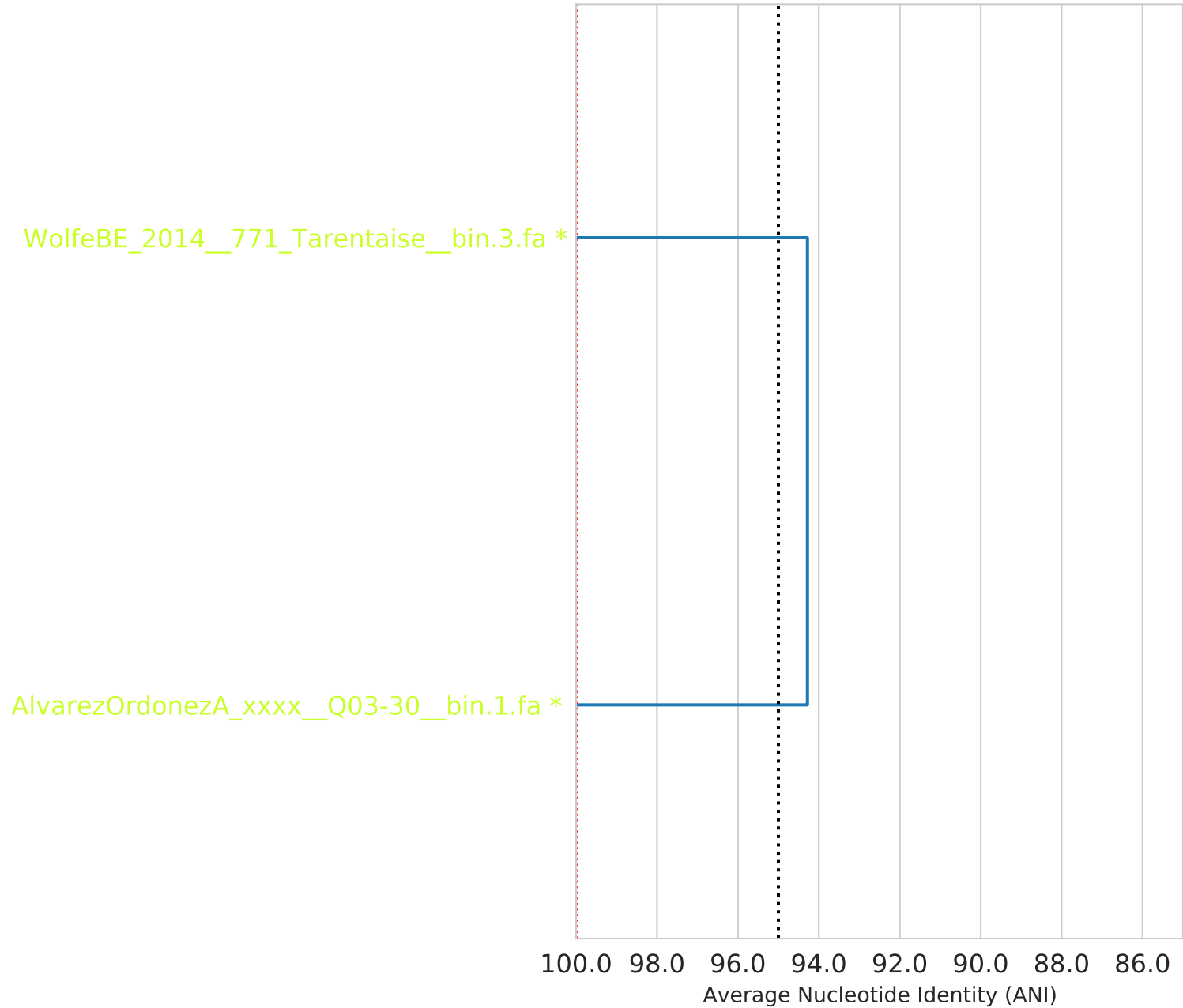Average Nucleotide Identity (ANI)

Primary cluster 459

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

MASTER_WP4_CSIC_2__P2619__bin.31.fa

MASTER_WP4_CSIC_2__P2603__bin.2.fa *

MASTER_WP4_UNINA_2__A-20__bin.25.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)
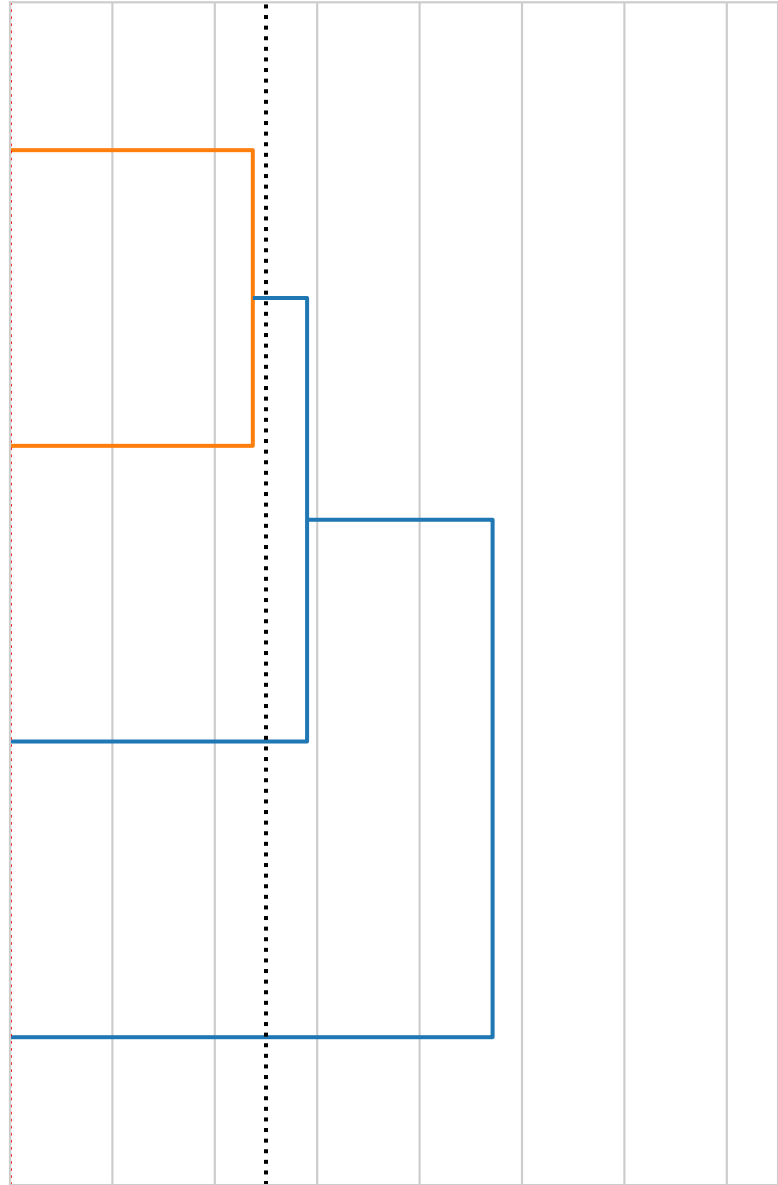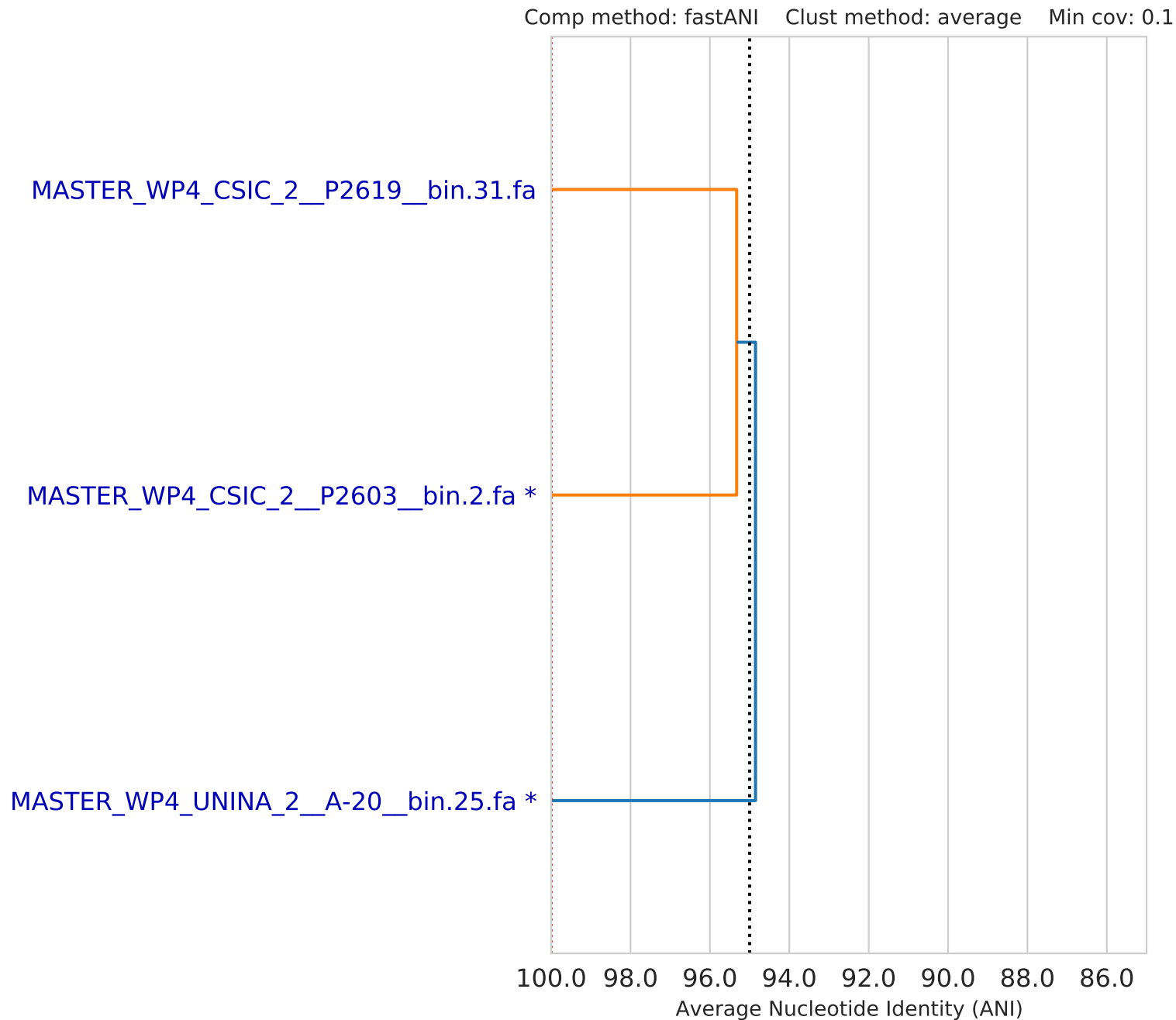
Primary cluster 475

Primary cluster 485

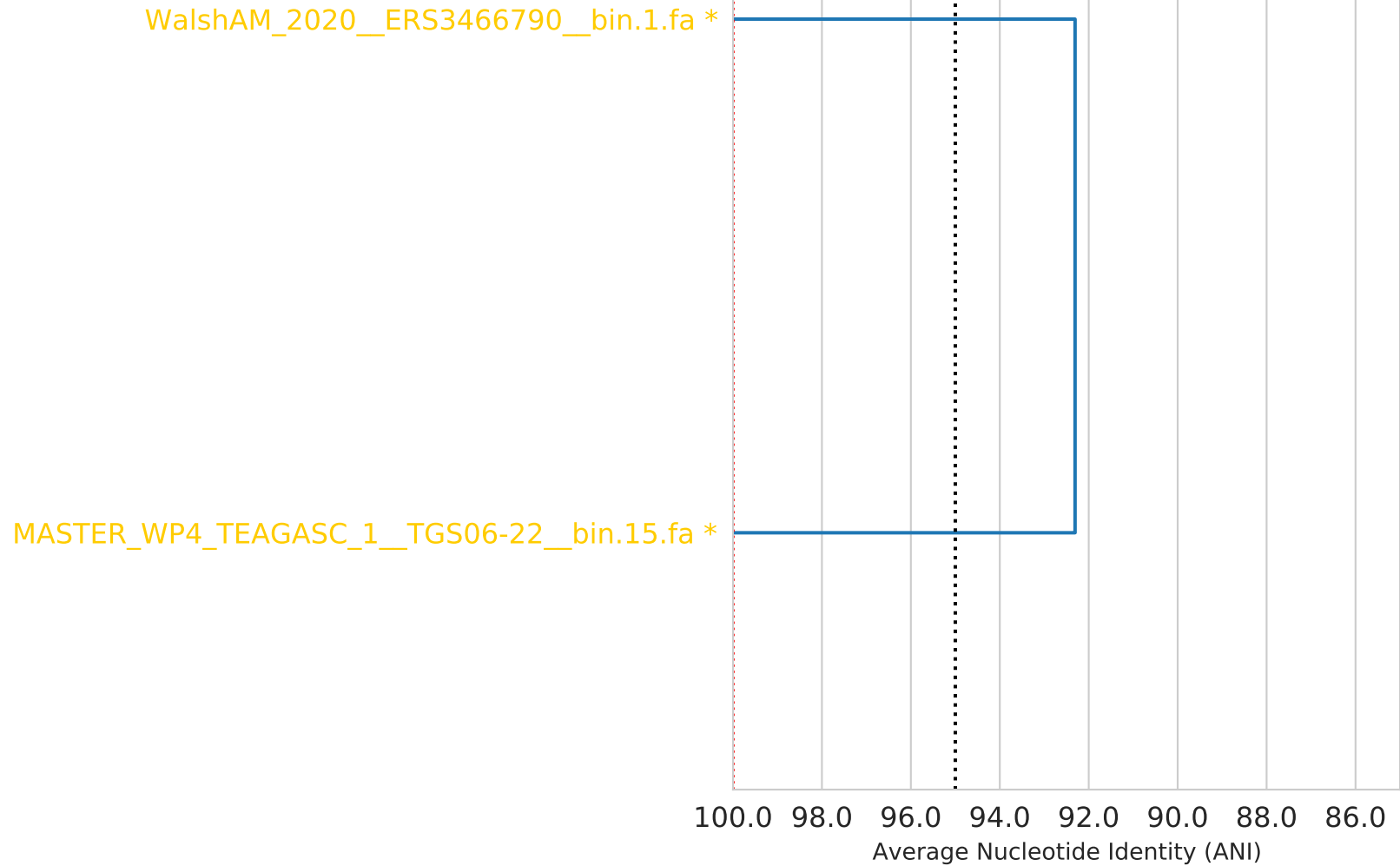Comp method: fastANI   Clust method: average   Min cov: 0.1

WalshAM_2020__ERS3466737__bin.1.fa *

AlvarezOrdonezA_xxxx__Q06-29__bin.4.fa *

MASTER_WP4_CSIC_1__P2135_73322__bin.7.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0
Average Nucleotide Identity (ANI)
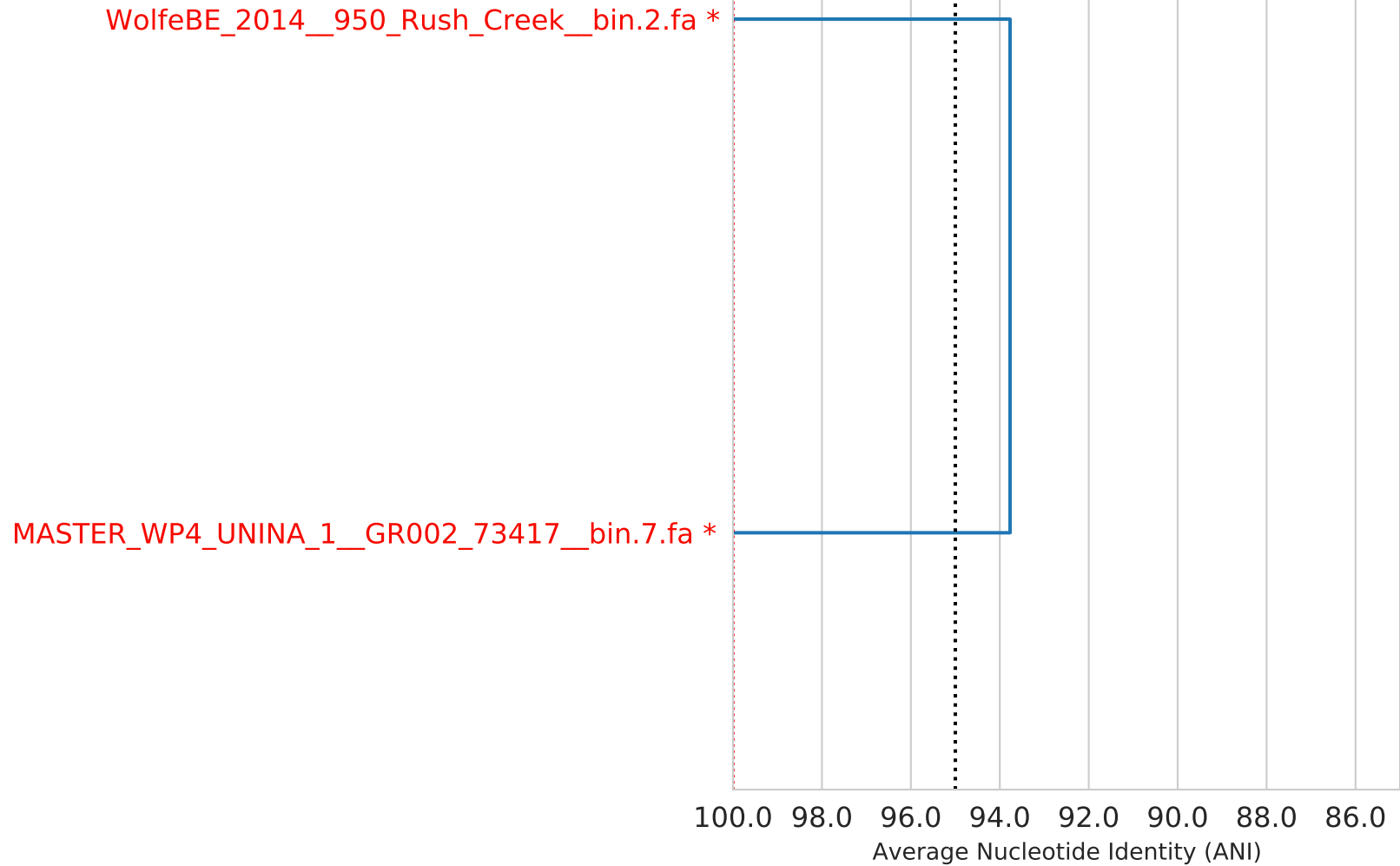
Primary cluster 488

Primary cluster 493

3E_2014__mgm4524485__bin_2_fa_PROK_MiFo_tagged.fa *

MASTER_WP4_CSIC_2__P2578__bin.9.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0
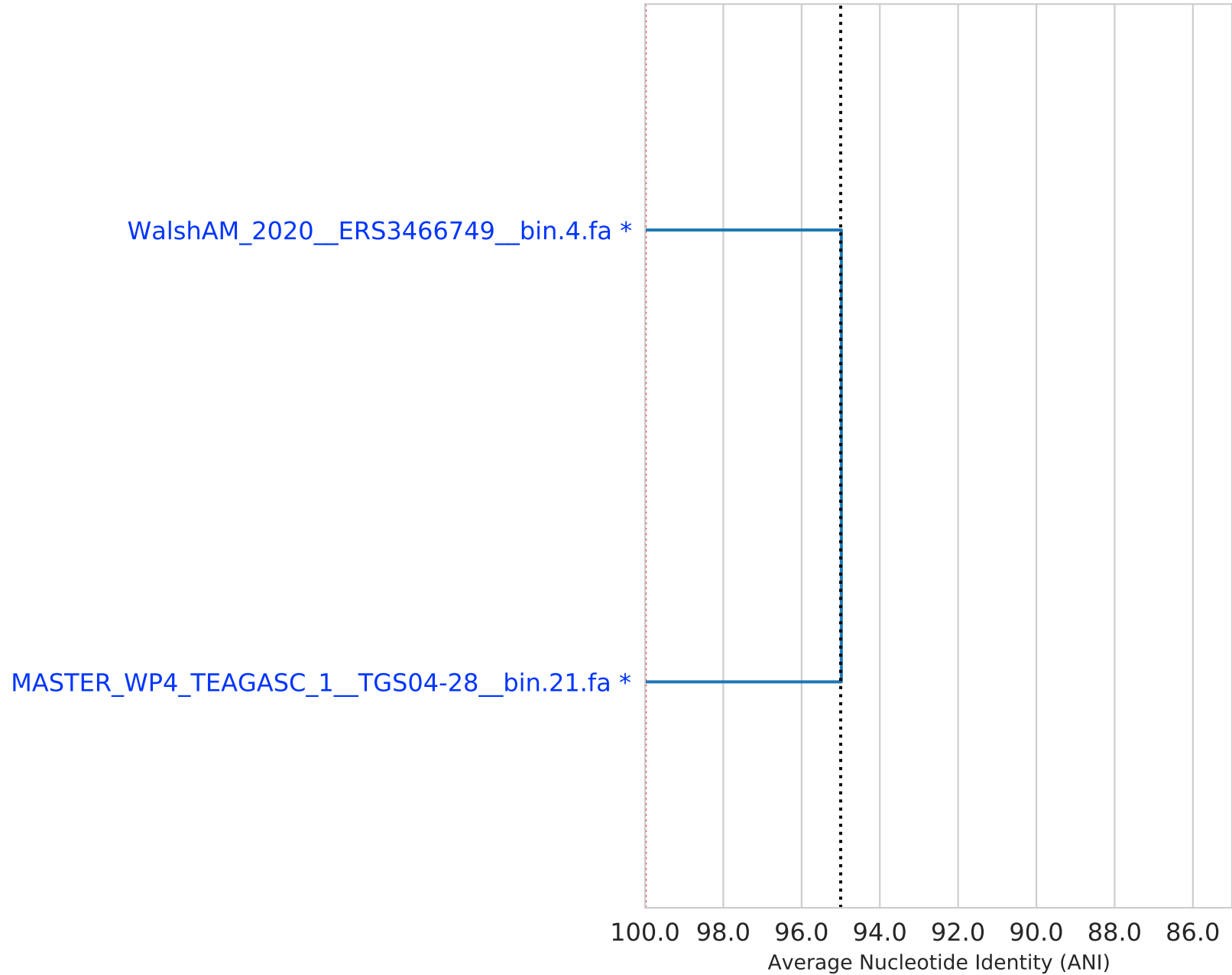
Average Nucleotide Identity (ANI)
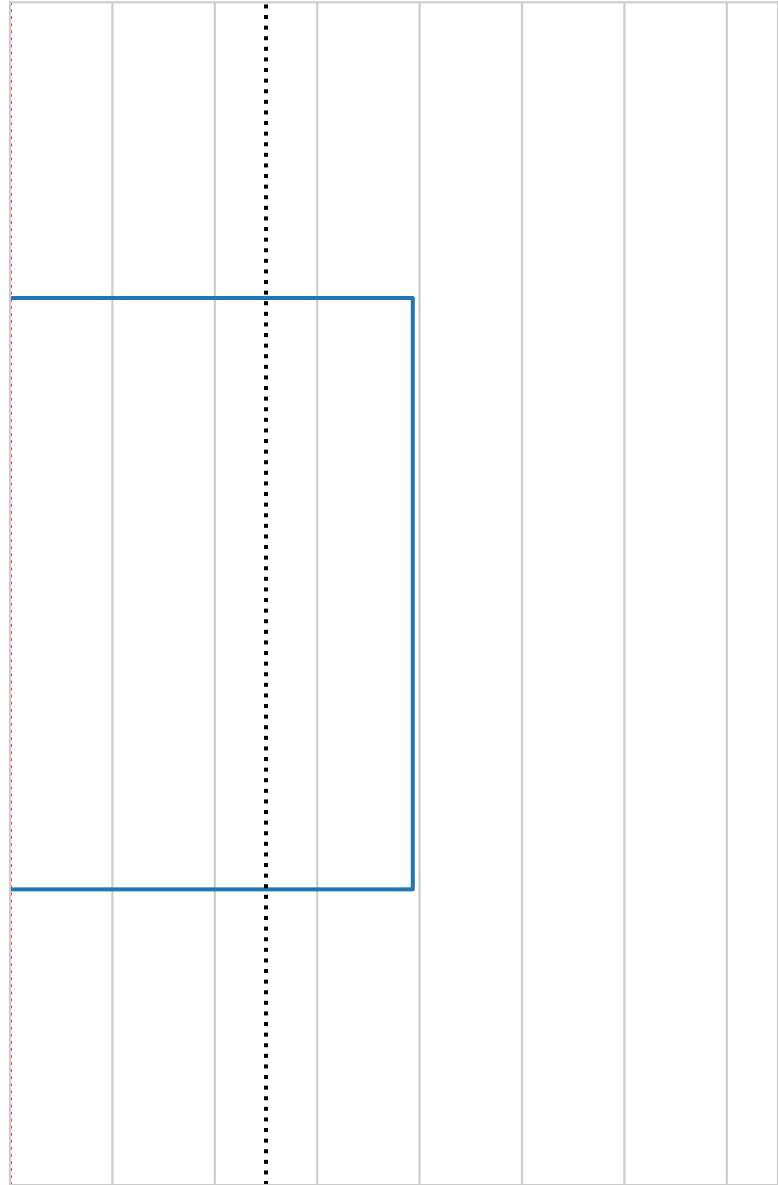
Primary cluster 494

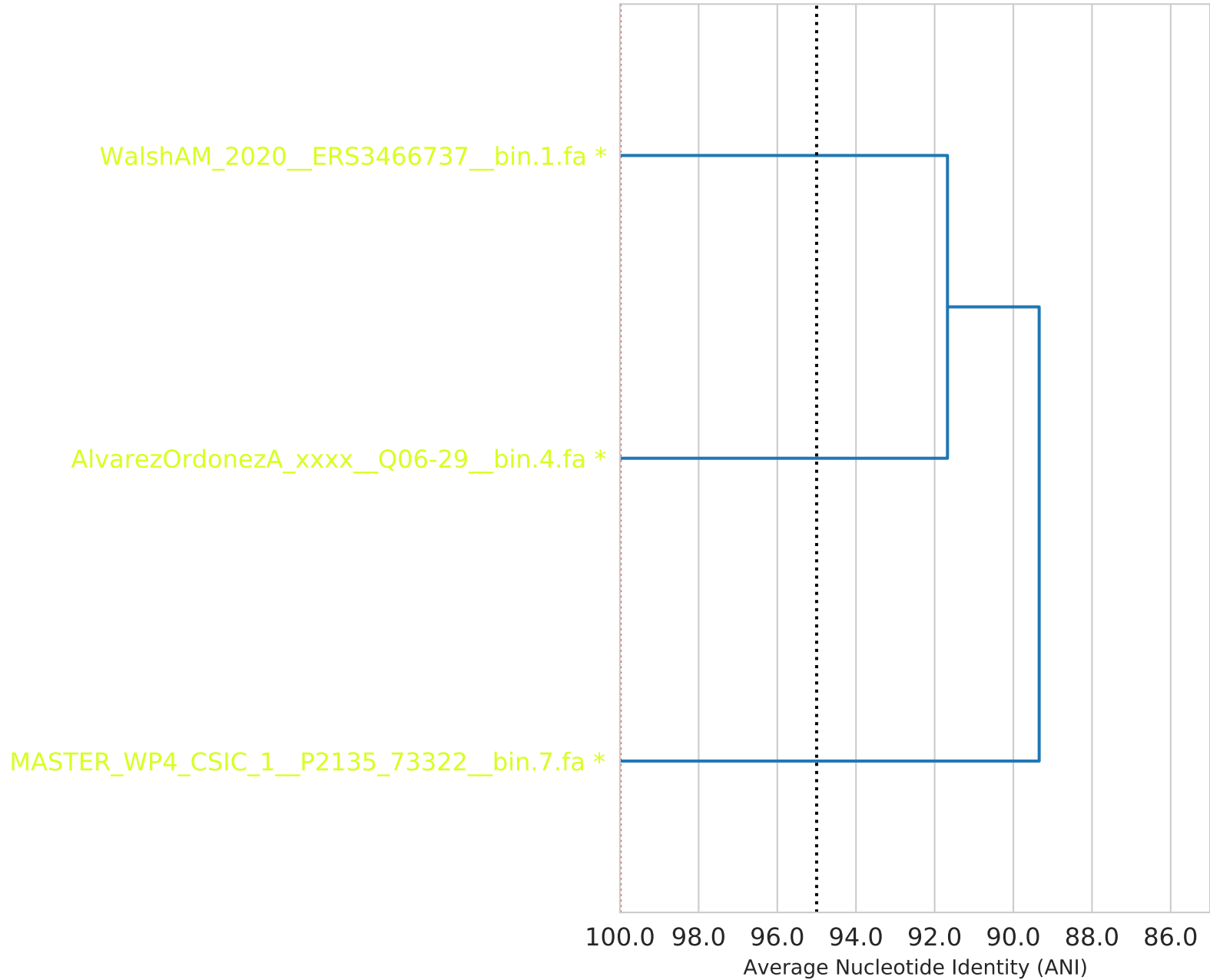Comp method: fastANI   Clust method: average   Min cov: 0.1

MASTER_WP4_UNINA_1__SR008_71775__bin.19.fa *

BertuzziAS_2018__ERS2032120__bin.4.fa *

Average Nucleotide Identity (ANI)

Primary cluster 509

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

AlvarezOrdonezA_xxxx__F05-18__bin.3.fa *

AlvarezOrdonezA_xxxx__C02-18__bin.2.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0
Average Nucleotide Identity (ANI)

Primary cluster 520

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

MASTER_WP4_CSIC_1__P2235_73323__bin.16.fa *

AlvarezOrdonezA_xxxx__C02-19__bin.10.fa *

MASTER_WP4_CSIC_2__P2576__bin.11.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)
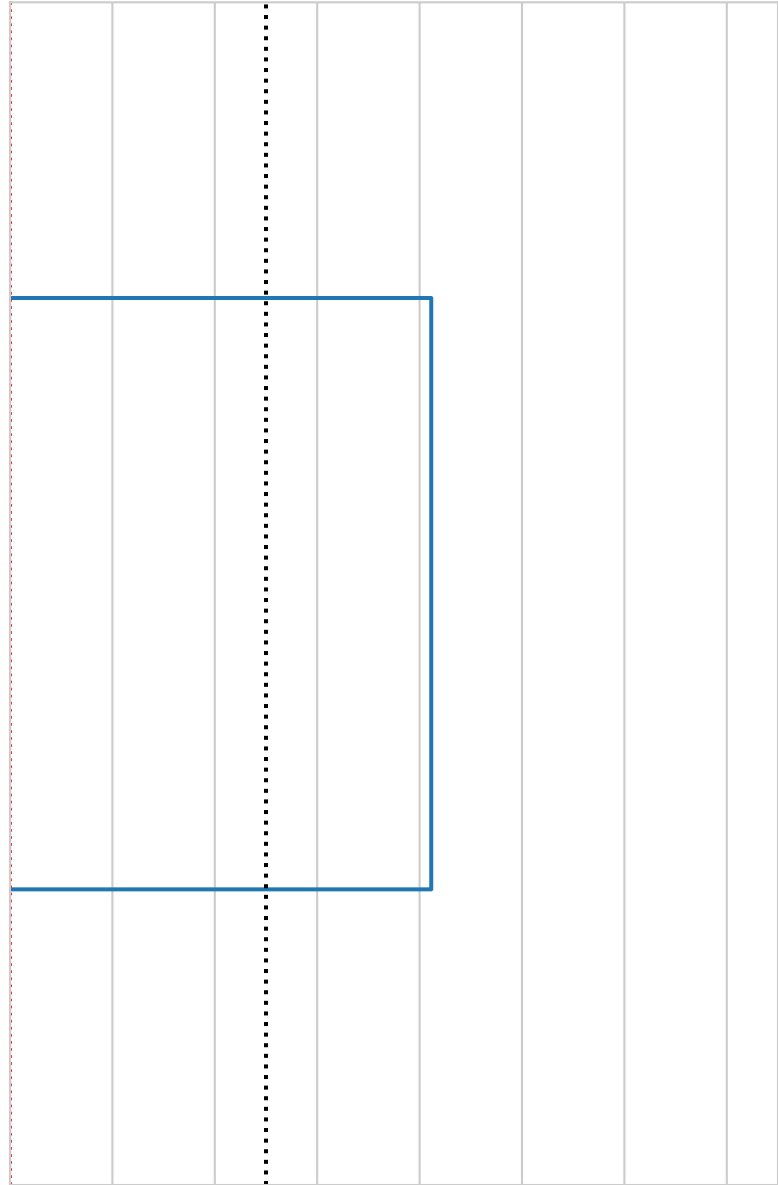
Primary cluster 580

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

LiZ_2018__SRS2920553__bin.2.fa *

DuR_2020__DRS139335__bin.6.fa *

Average Nucleotide Identity (ANI)

Primary cluster 584

Primary cluster 593

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

MASTER_WP4_CSIC_2__P2614__bin.19.fa *

AlvarezOrdonezA_xxxx__C08-18__bin.12.fa *

MASTER_WP4_UNINA_2__V-30__bin.11.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

Primary cluster 594

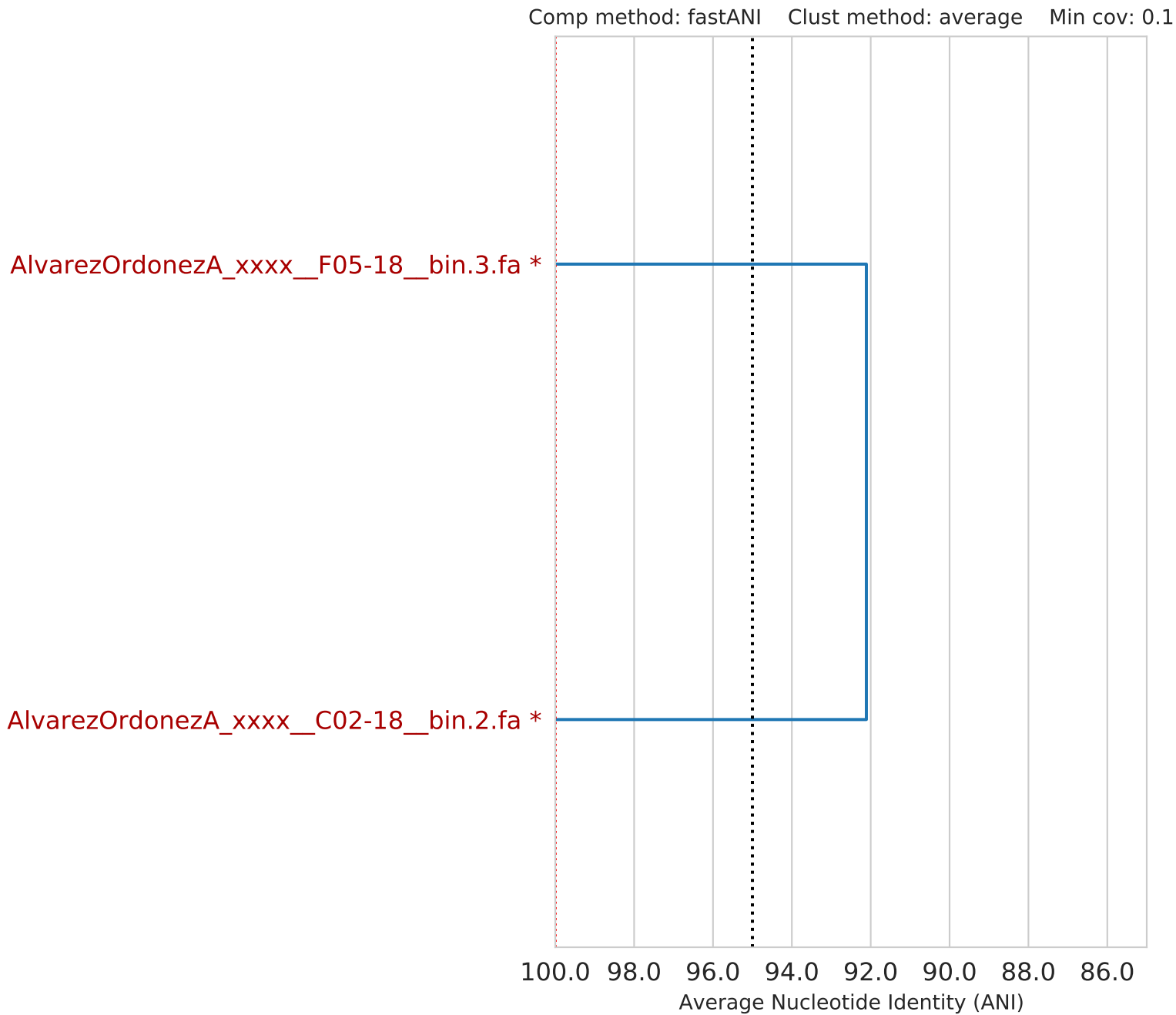Comp method: fastANI   Clust method: average   Min cov: 0.1

MASTER_WP4_CSIC_2__P2598__bin.8.fa *

MASTER_WP4_CSIC_2__P2588__bin.22.fa *

100.0 98.0   96.0   94.0   92.0   90.0   88.0   86.0

Average Nucleotide Identity (ANI)

Primary cluster 607
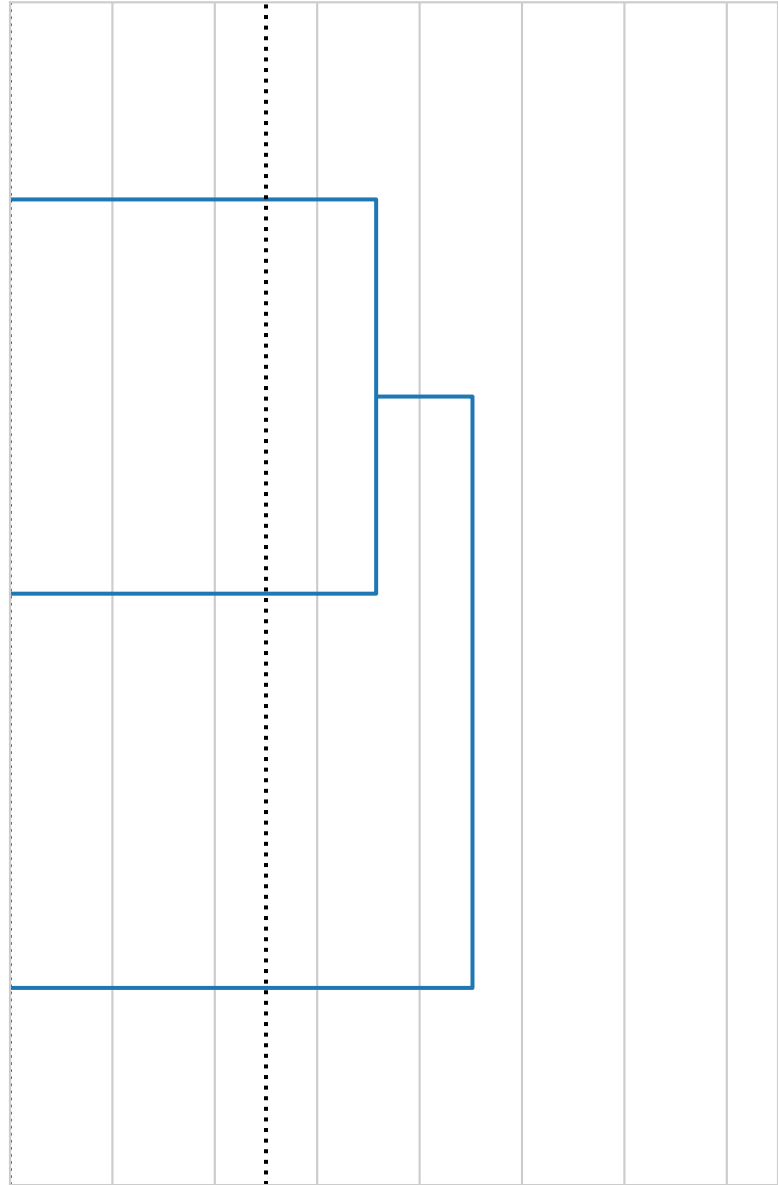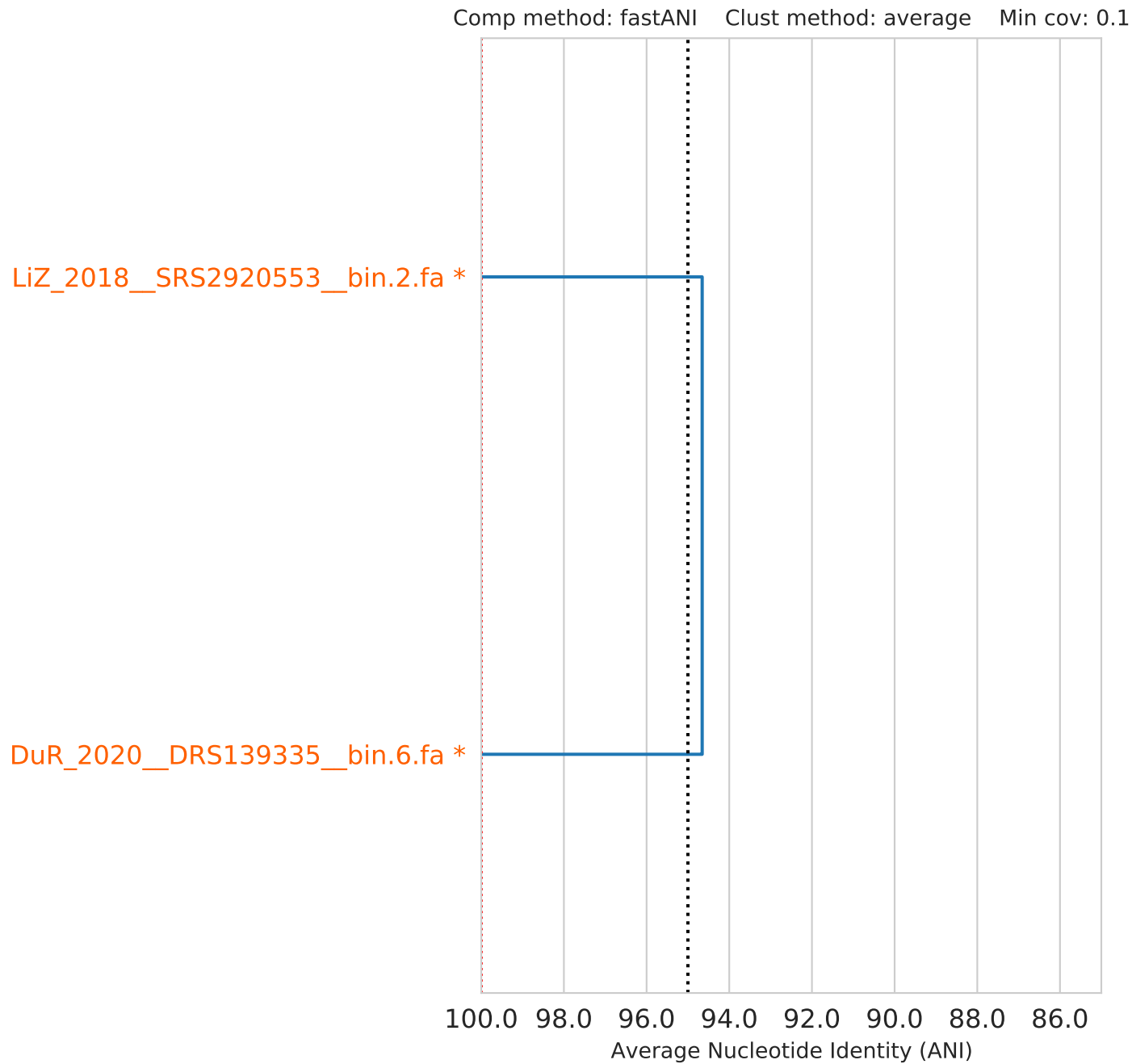
Comp method: fastANI   Clust method: average   Min cov: 0.1

LeechJ_xxxx__AF66__bin.10.fa *

EBC_134_5_fa_PROK_MiFo_tagged.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)
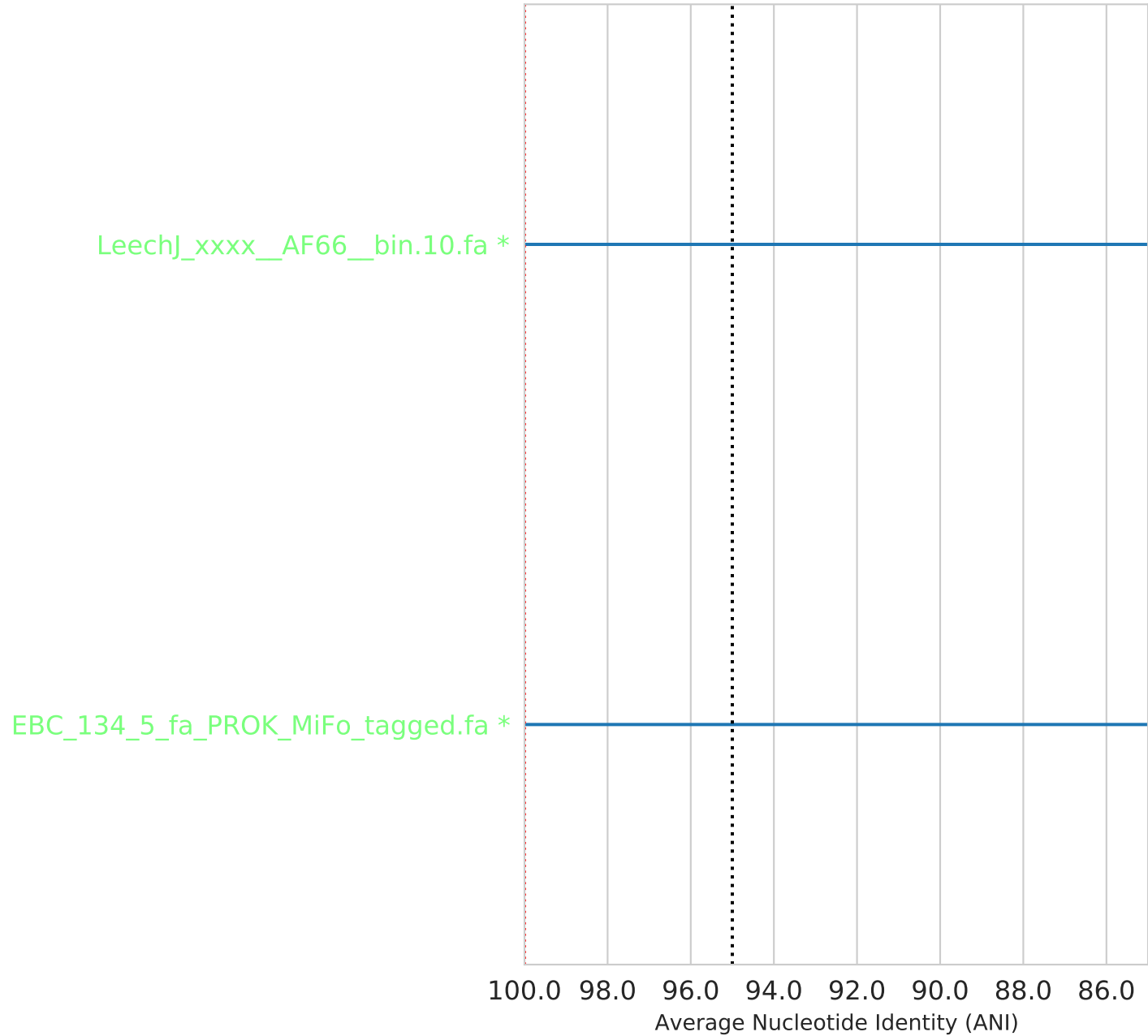
Primary cluster 619

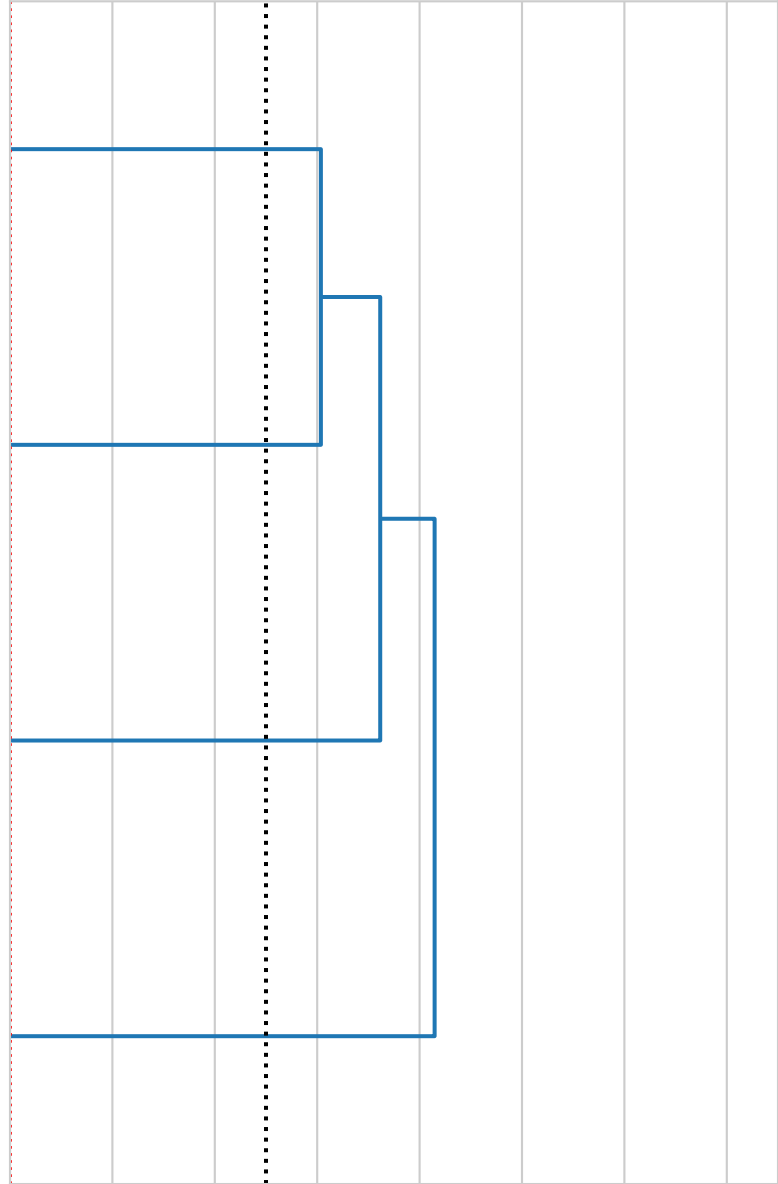Comp method: fastANI   Clust method: average   Min cov: 0.1

ZhaoCC_2020__SRS5803193__bin.13.fa *

ZhaoCC_2020__SRS5803192__bin.11.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0
Average Nucleotide Identity (ANI)
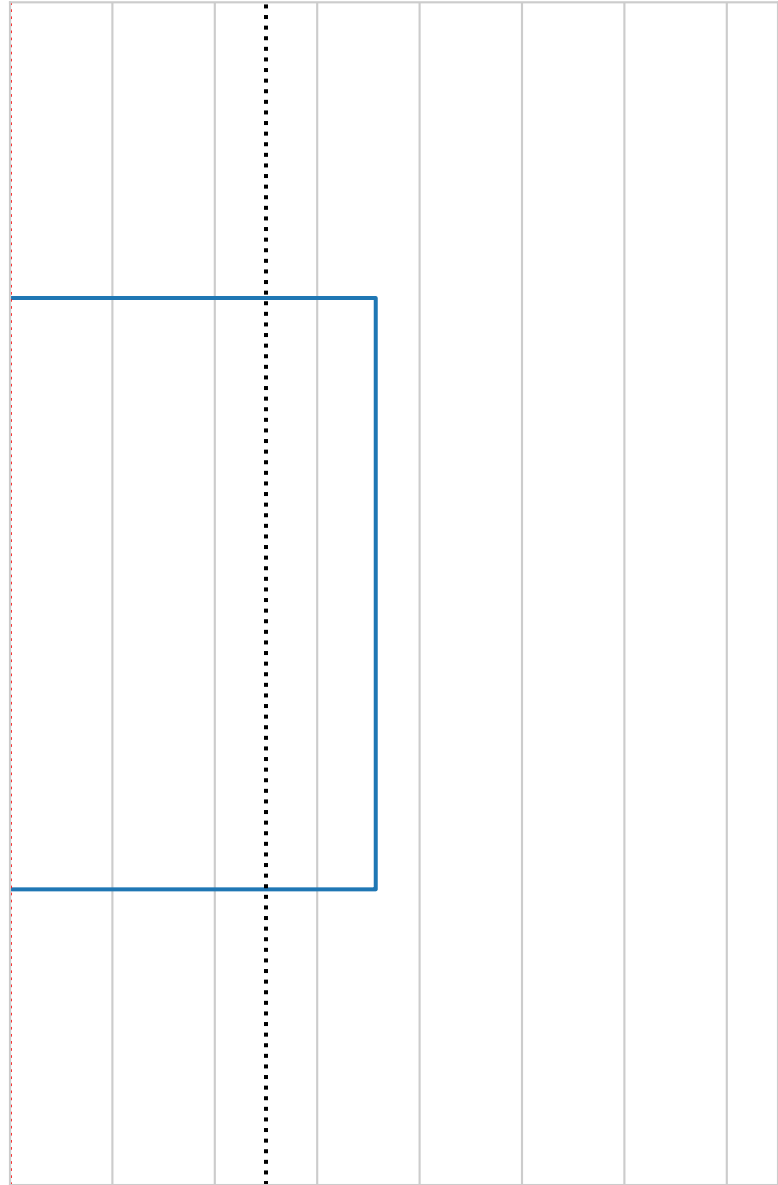
Primary cluster 637

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

MortensenS_xxxx__WK034-1-L-08h-03C4_S41__bin.7.fa *

MortensenS_xxxx__WK020-1-L-08h-02E5_S101__bin.6.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0
Average Nucleotide Identity (ANI)
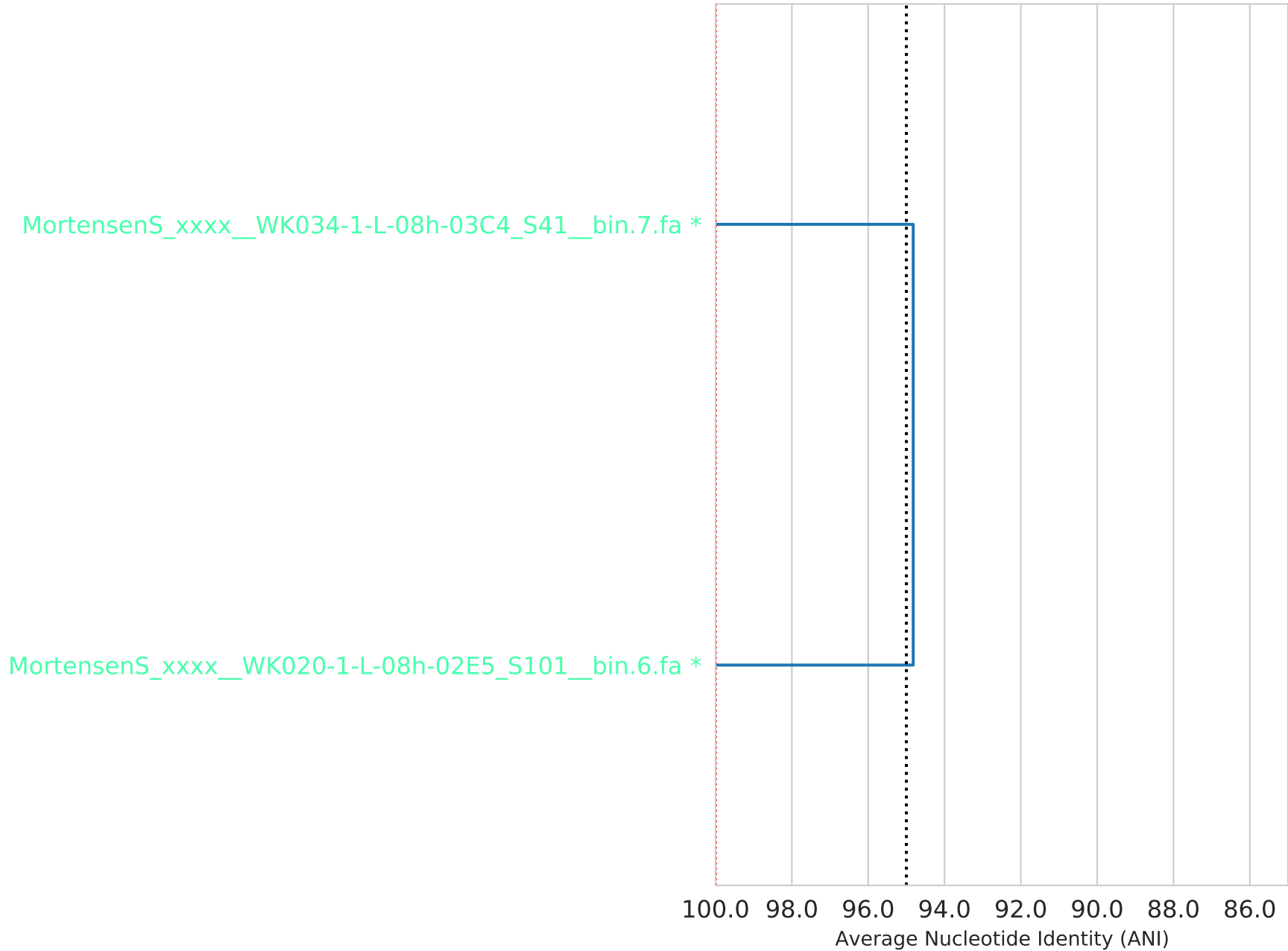
Primary cluster 639
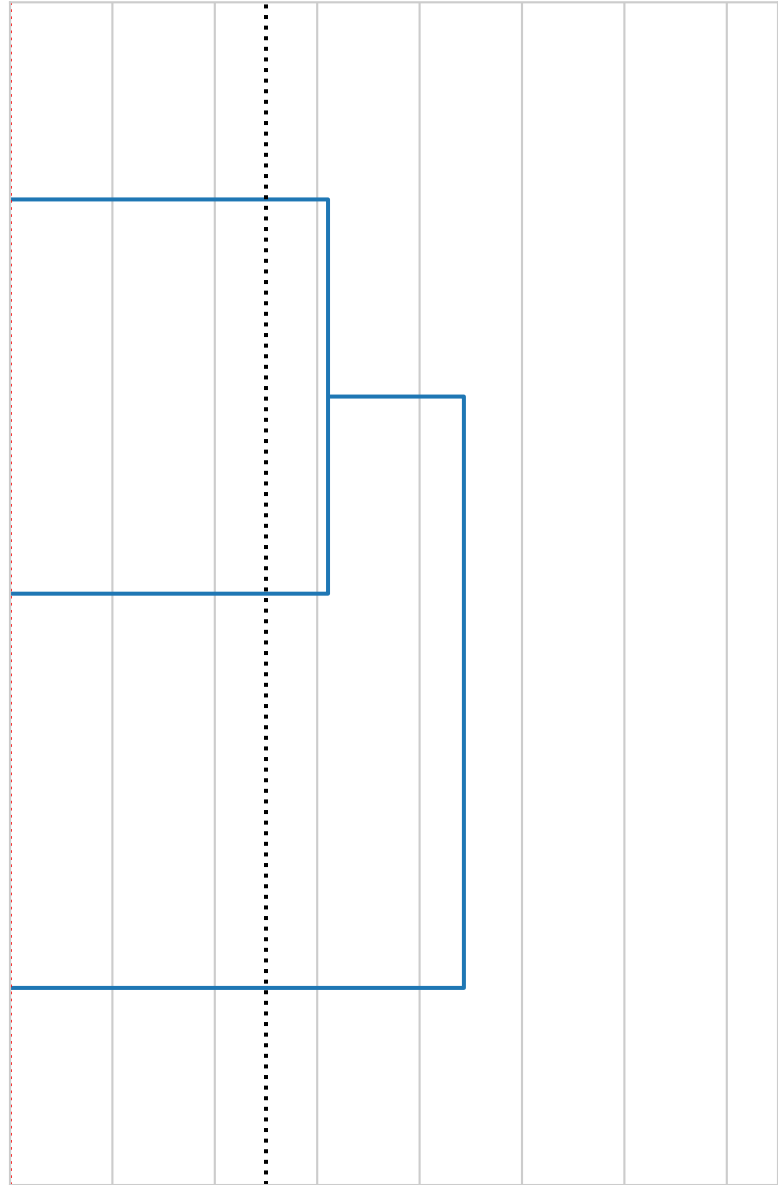
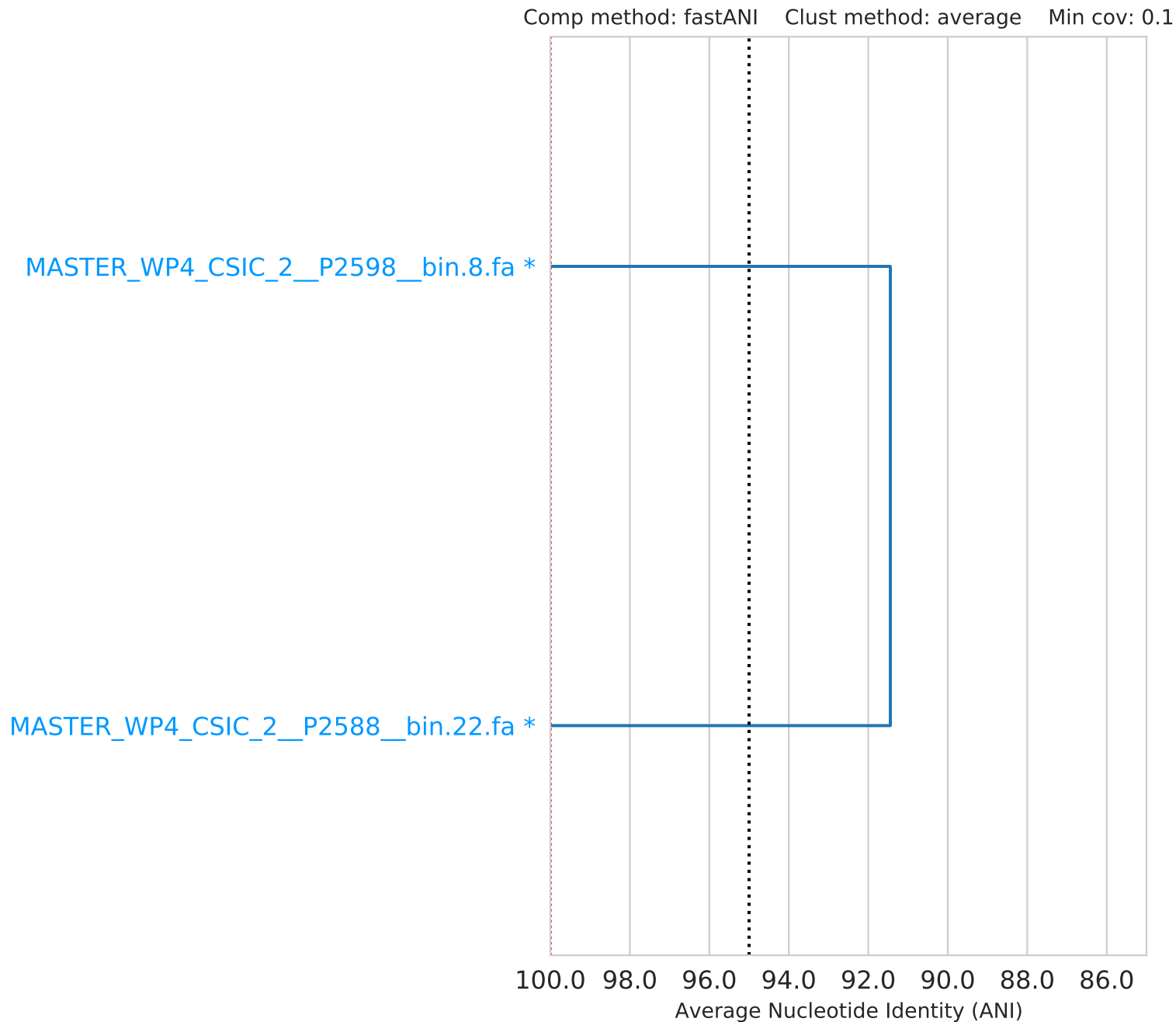Comp method: fastANI   Clust method: average   Min cov: 0.1

MASTER_WP4_UNINA_1__PR005_71775__bin.12.fa *

DeFilippisF_xxxx__DF_104__bin.11.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0
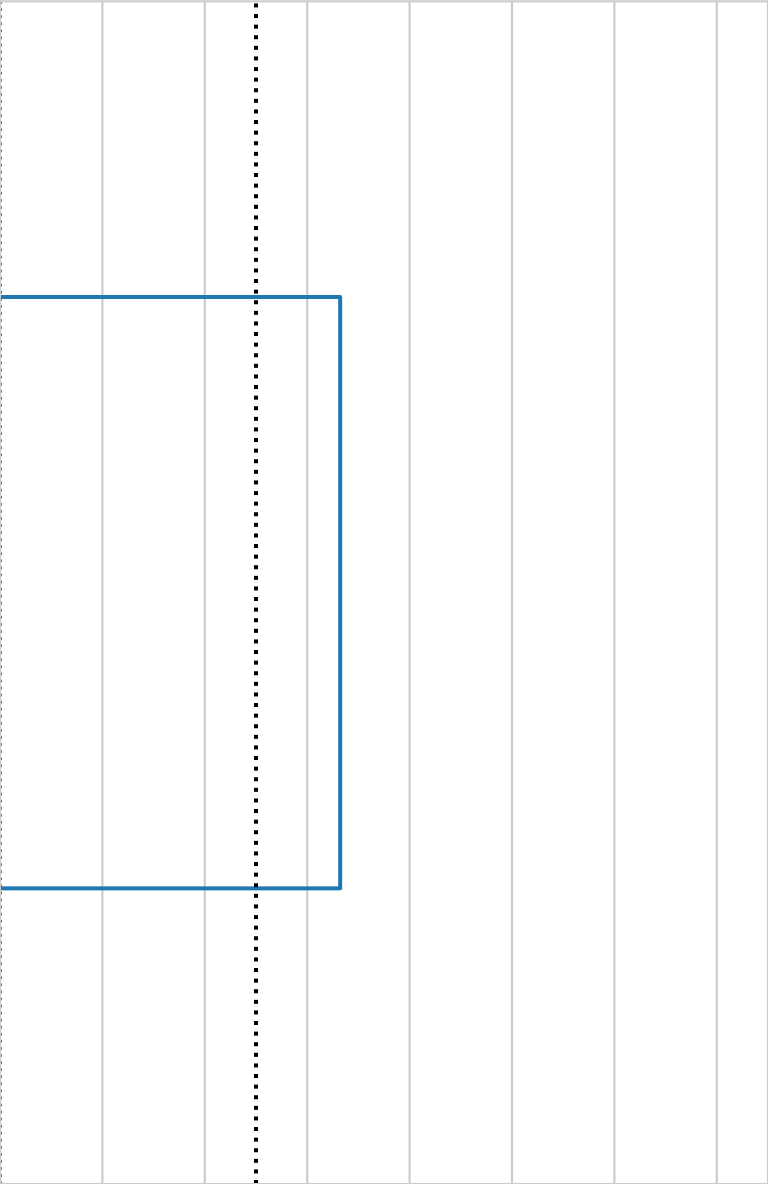
Average Nucleotide Identity (ANI)

Primary cluster 644

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

MEGAHIT-MetaBAT2-group-0.46_misob2.fa *

MEGAHIT-CONCOCT-group-0_61_misob1.fa *

Average Nucleotide Identity (ANI)

Primary cluster 645

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

MEGAHIT-MetaBAT2-group-011_coffee.fa *

MEGAHIT-MetaBAT2-group-0.40_misob2.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

Primary cluster 682

MASTER_WP4_TEAGASC_1__TGS11-22__bin.5.fa *

MASTER_WP4_CSIC_1__P2134_73322__bin.26.fa *

MASTER_WP4_CSIC_1__P2137_73322__bin.60.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

Primary cluster 708

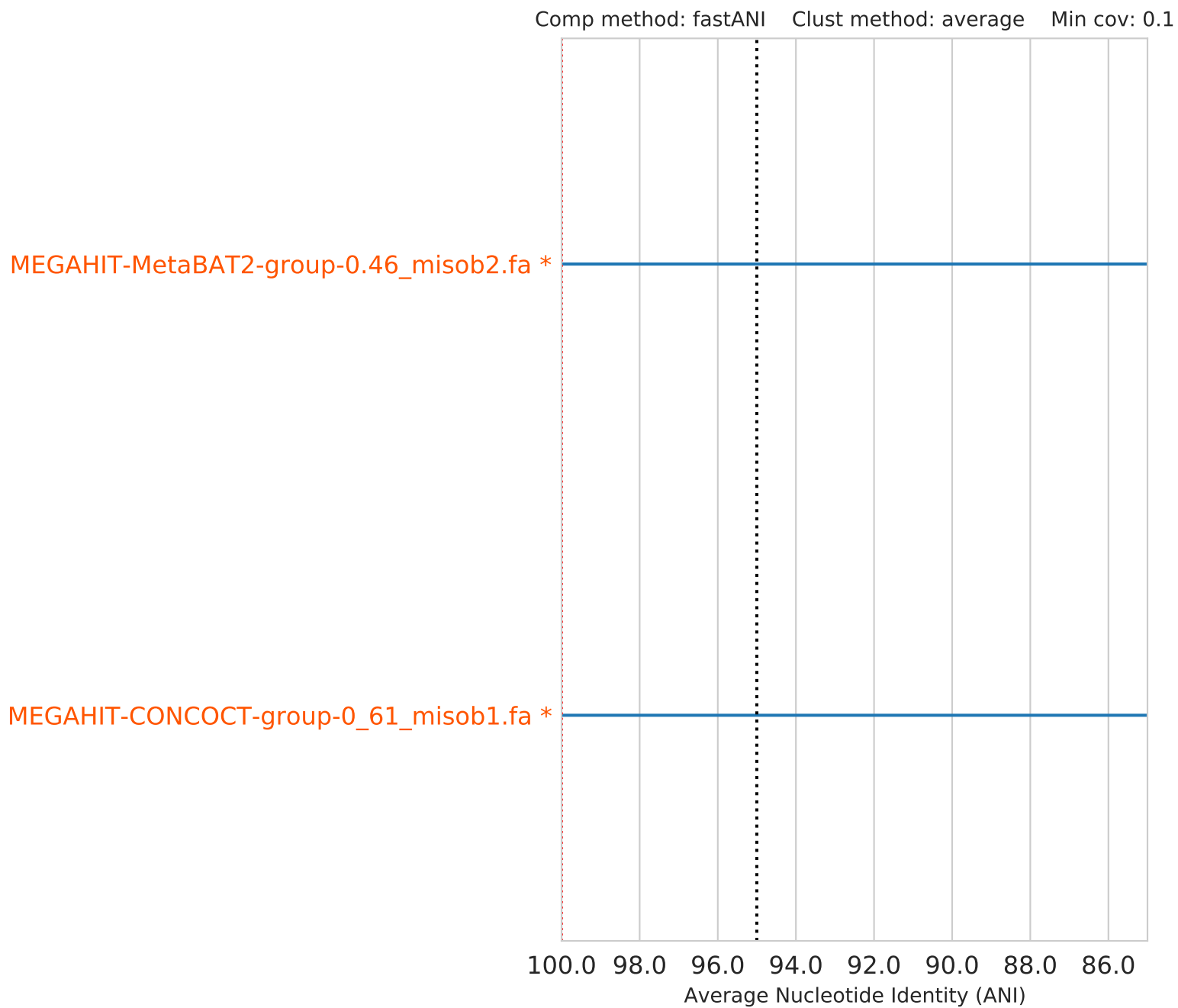MASTER_WP4_UNINA_1__CF008_71775__bin.11.fa *

DeFilippisF_xxxx__DF_96__bin.12.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

Primary cluster 744

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

PasolliE_2020__SRS6525479__bin.13.fa *

MEGAHIT-MaxBin2-group-0002_coffee.fa

100.0   98.0   96.0   94.0   92.0   90.0   88.0   86.0

Average Nucleotide Identity (ANI)

Primary cluster 747

Comp method: fastANI   Clust method: average   Min cov: 0.1
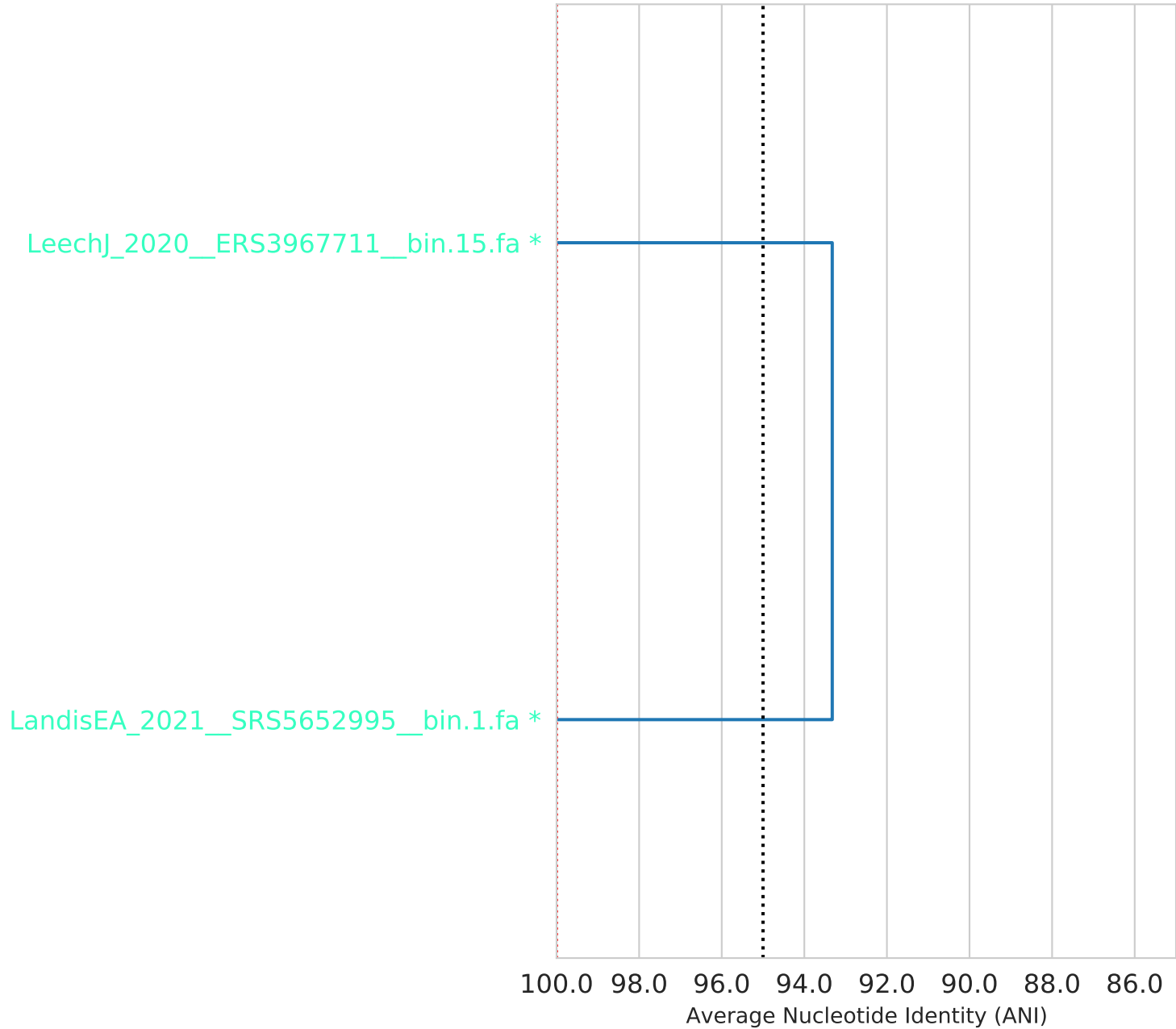
LeechJ_2020__ERS3967711__bin.15.fa *

LandisEA_2021__SRS5652995__bin.1.fa *
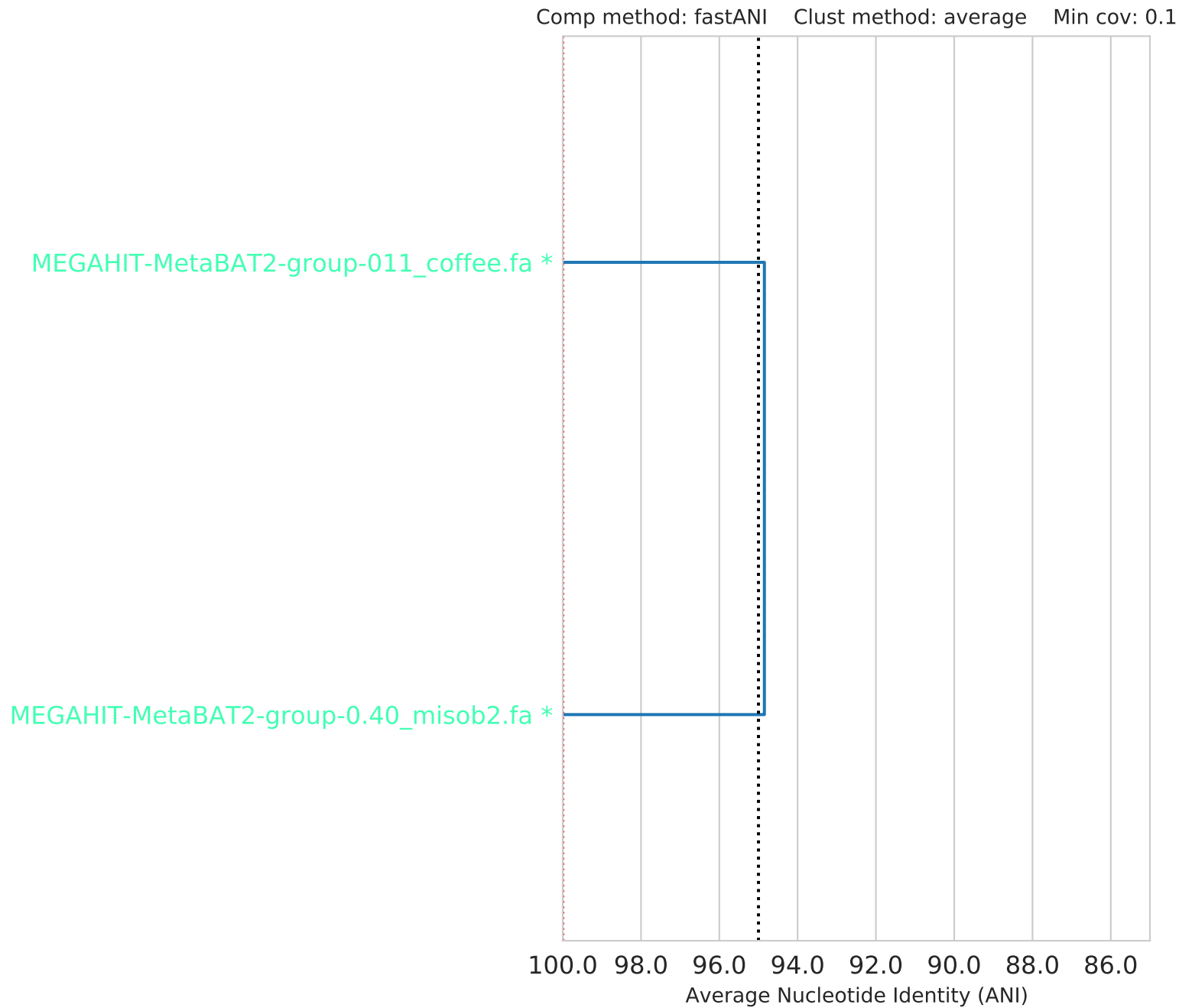
100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

Primary cluster 748

Primary cluster 753
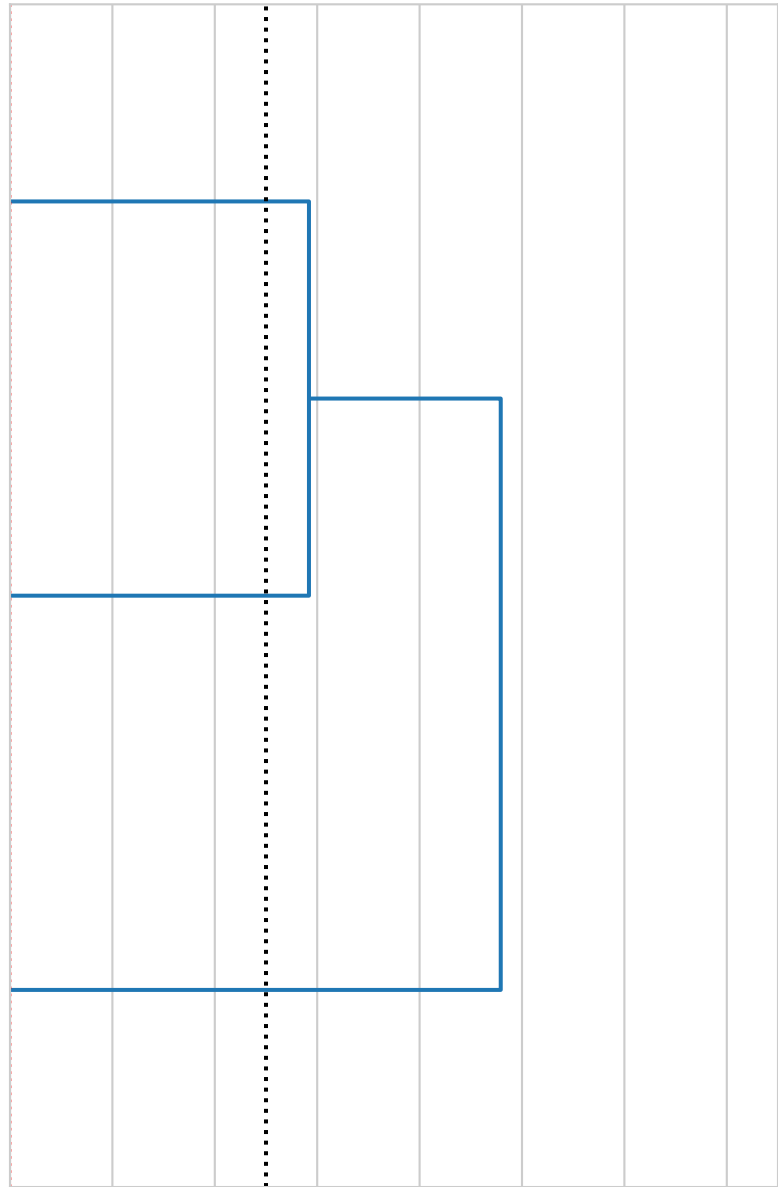

Comp method: fastANI   Clust method: average   Min cov: 0.1

LeechJ_2020__ERS3967692__bin.1.fa *

LandisEA_2021__SRS5652995__bin.3.fa *

Average Nucleotide Identity (ANI)

Primary cluster 758

MEGAHIT-CONCOCT-group-0_57_orange.fa

LeechJ_xxxx__AF11__bin.10.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)
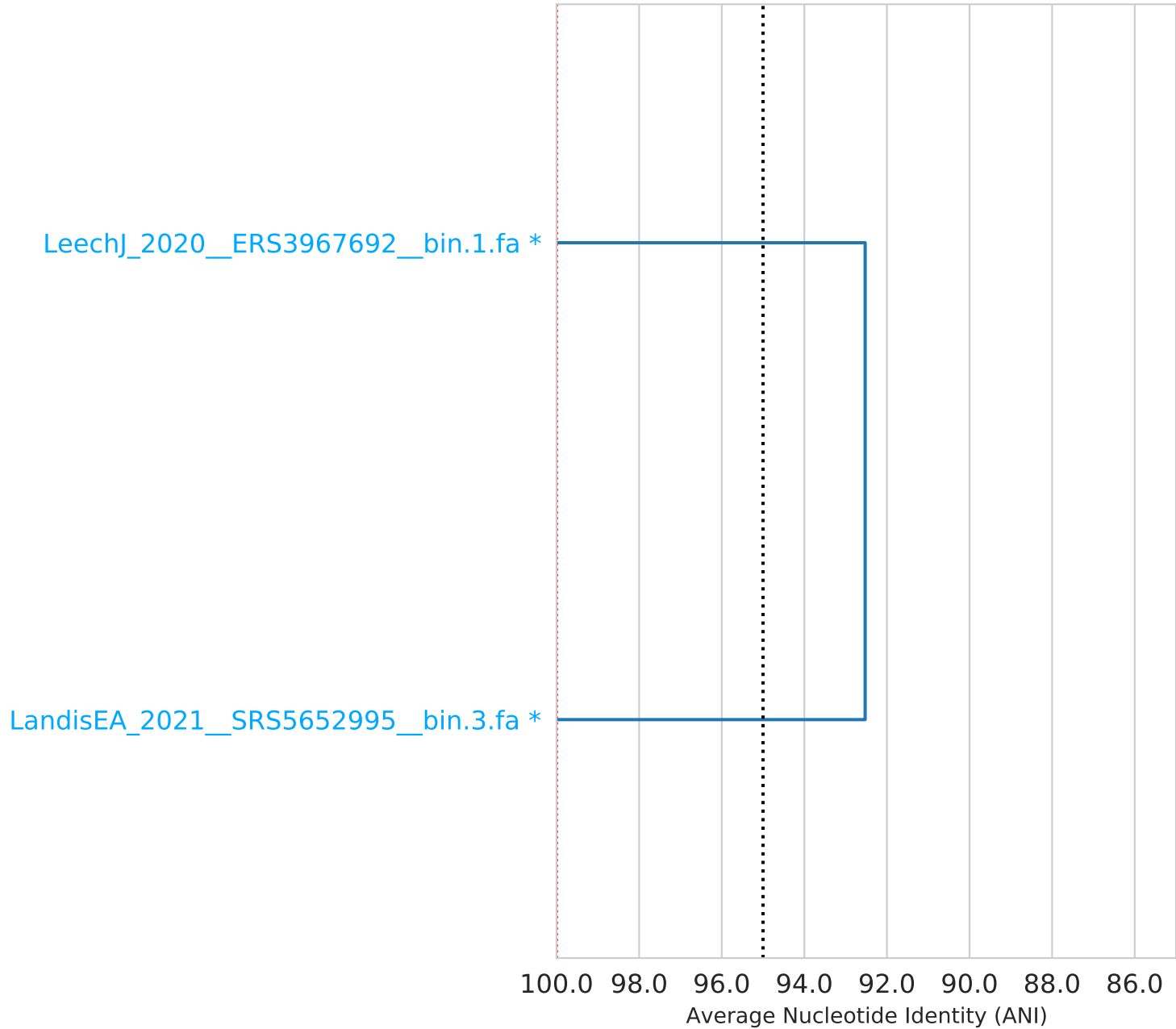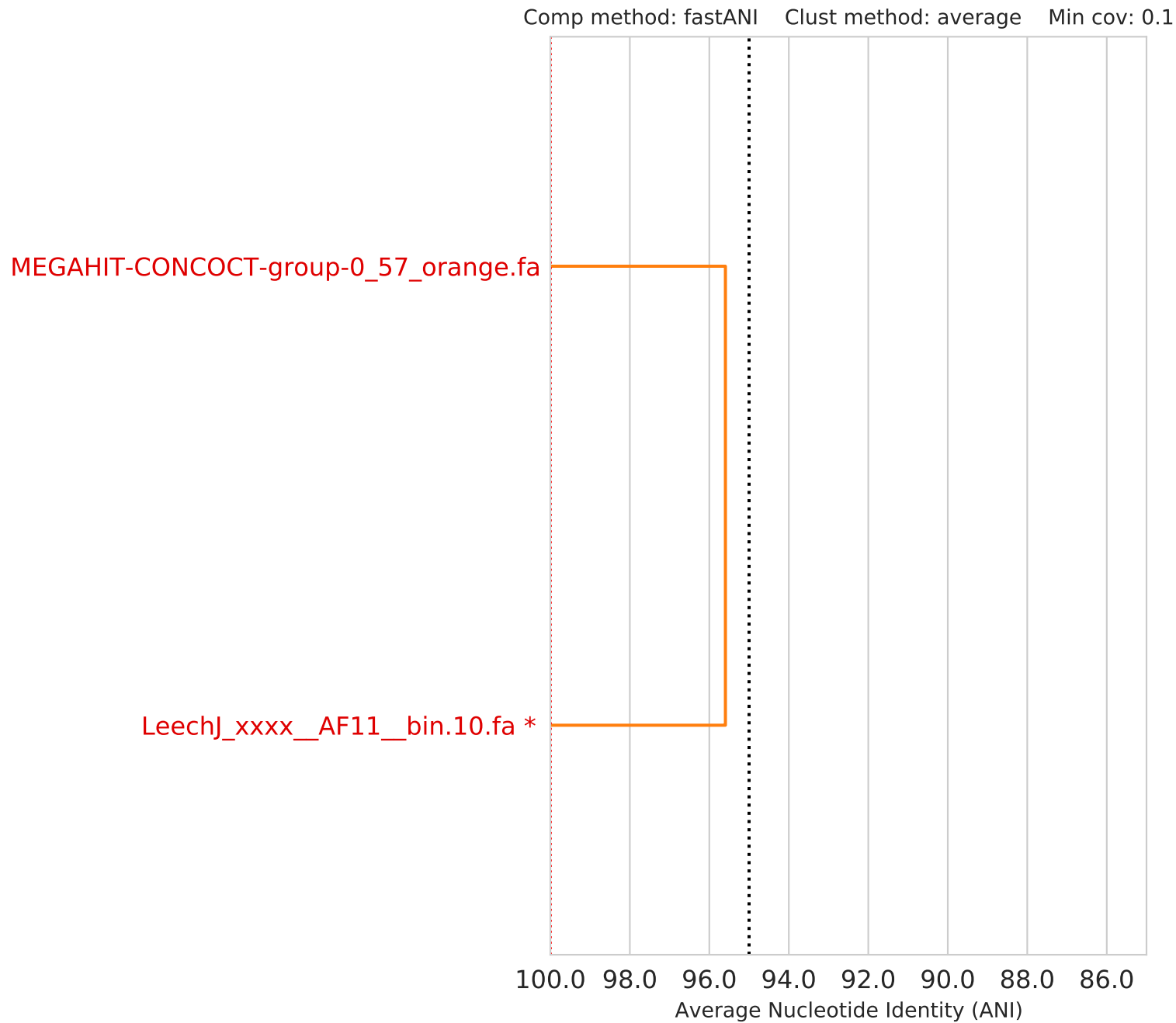
Primary cluster 769

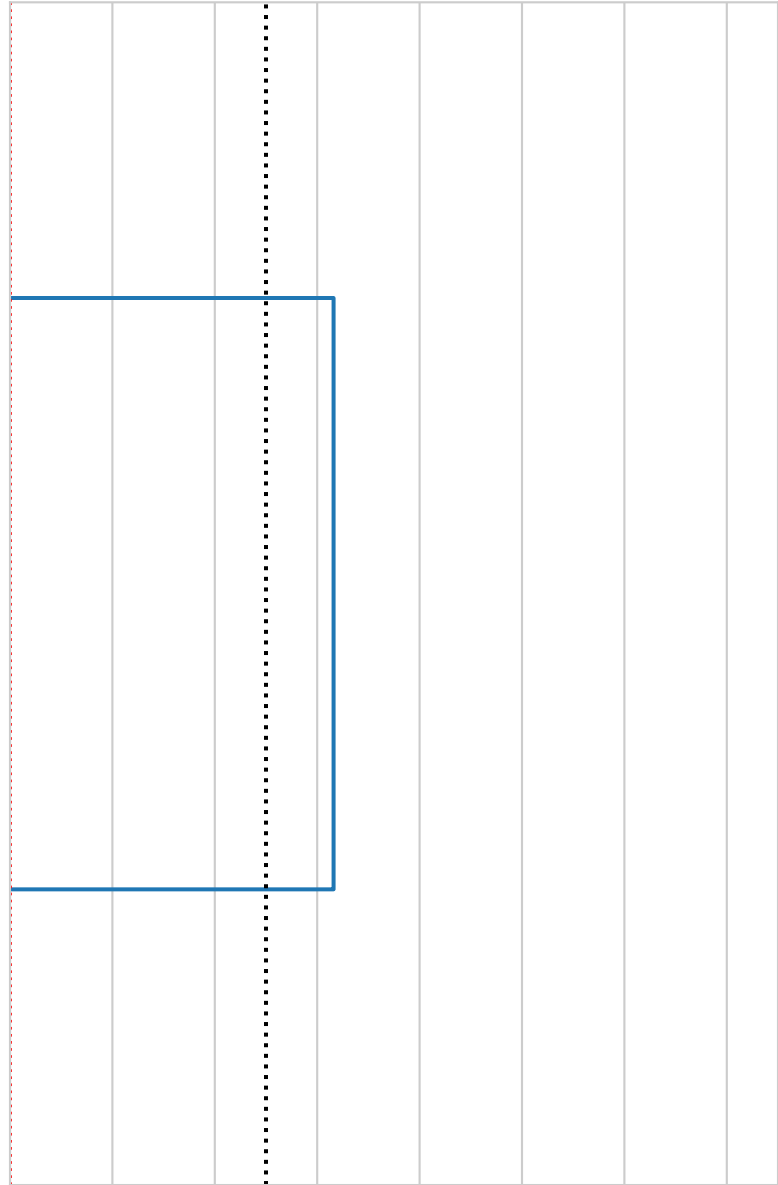Comp method: fastANI   Clust method: average   Min cov: 0.1

MASTER_WP4_FFoQSI_1__VB-09-AG__bin.31.fa *

MASTER_WP4_FFoQSI_1__RC17-F-AR__bin.15.fa

MASTER_WP4_CSIC_1__P2137_73322__bin.21.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)
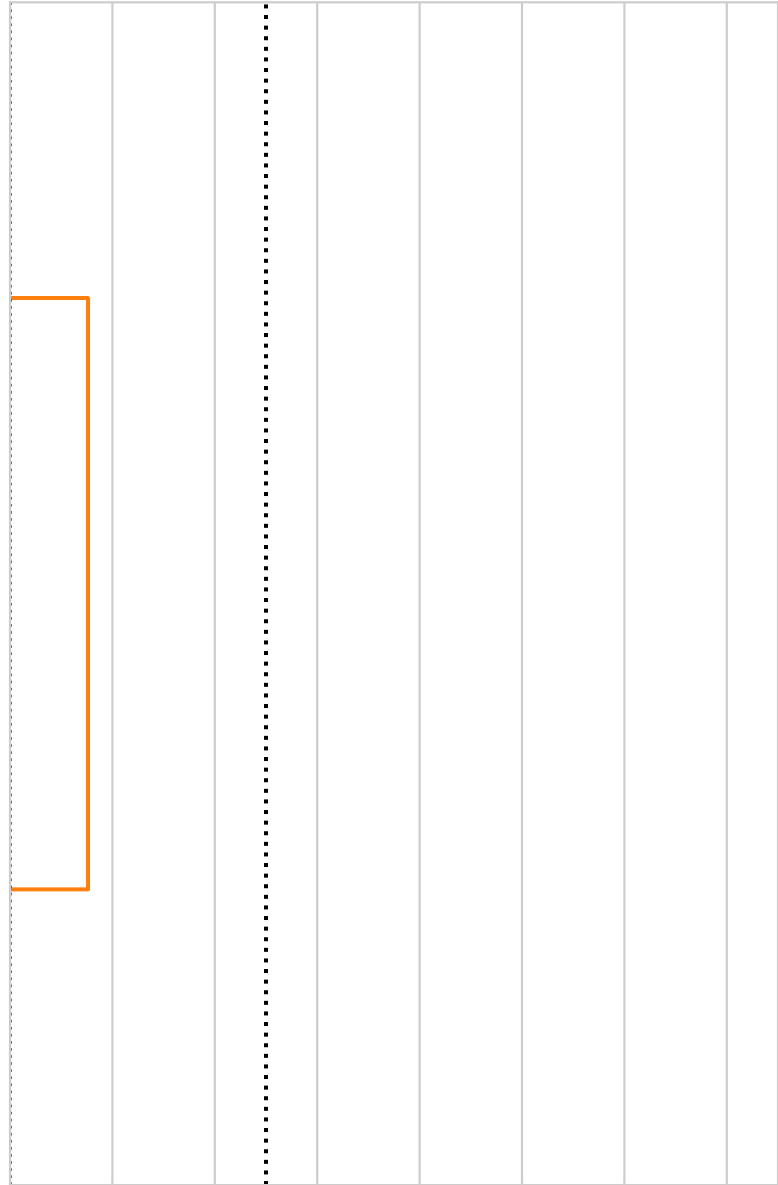
Primary cluster 778

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

MEGAHIT-MetaBAT2-group-0.72_misob2.fa

LandisEA_2021__SRS5653152__bin.2.fa *

LandisEA_2021__SRS5653168__bin.6.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0
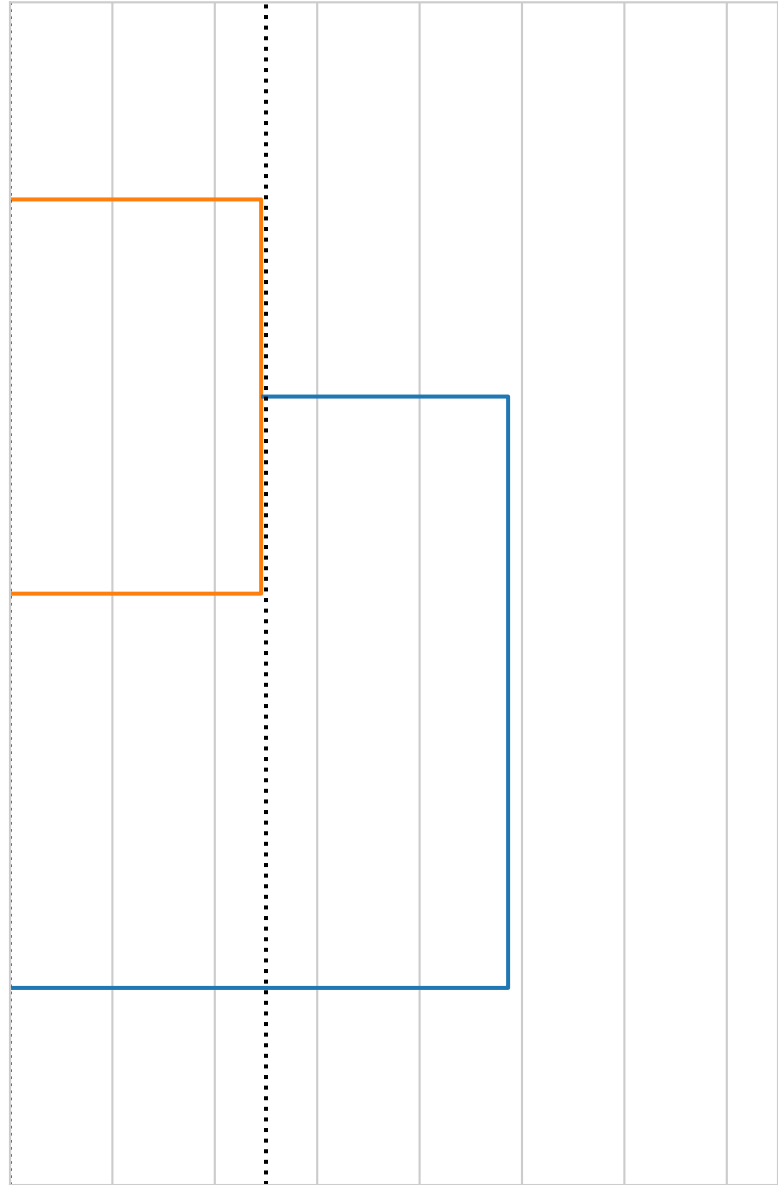
Average Nucleotide Identity (ANI)
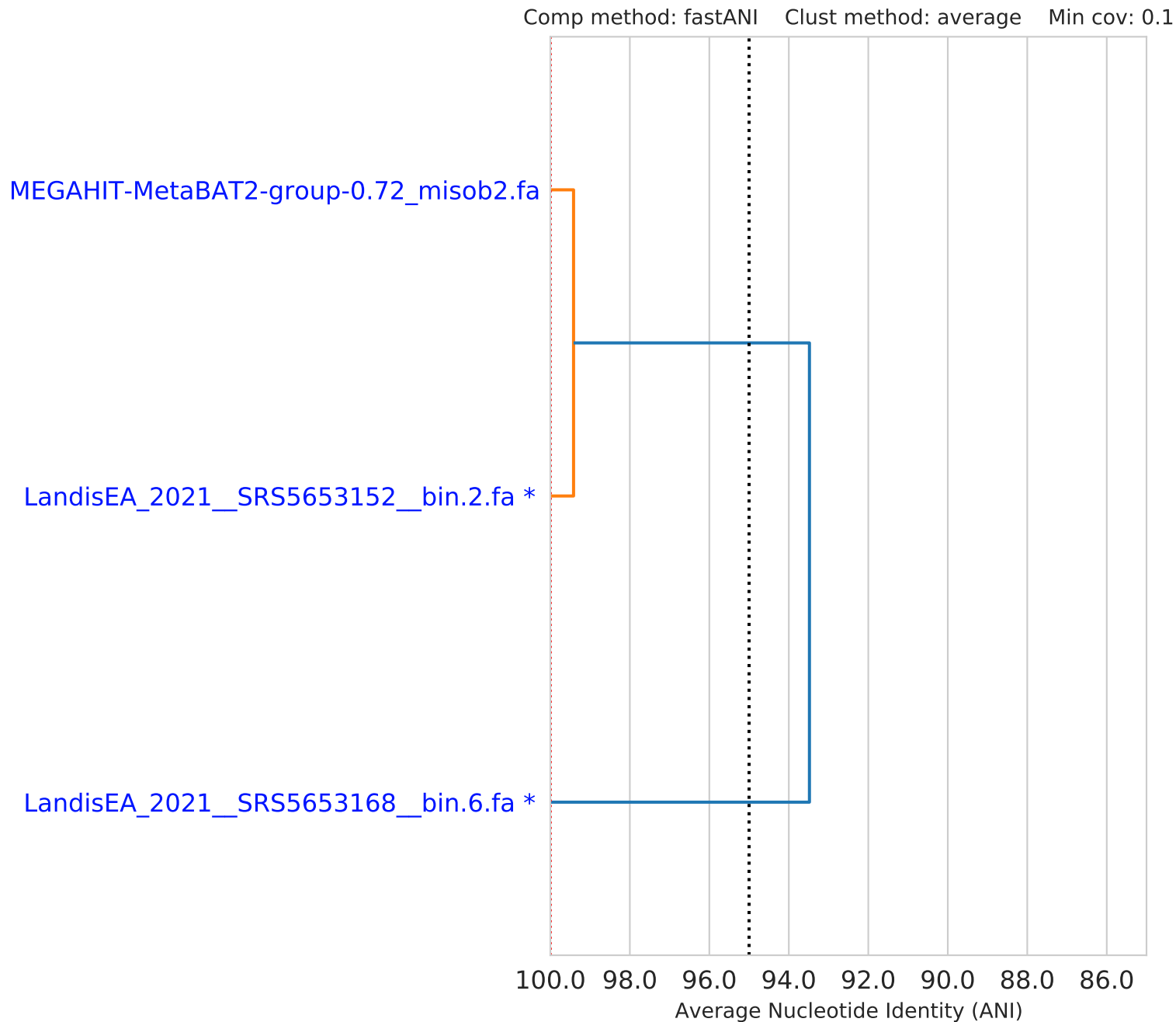
Primary cluster 800

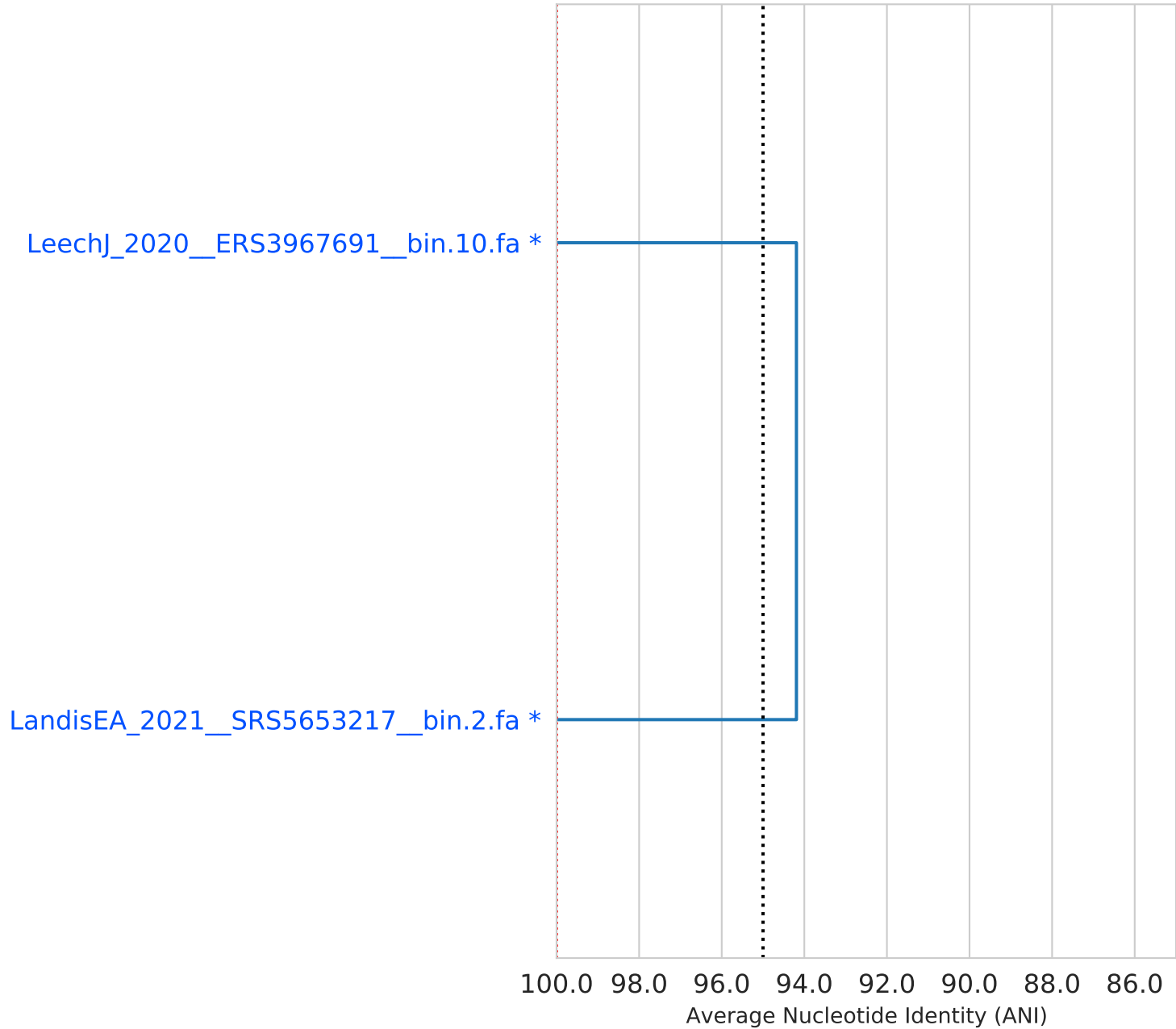Comp method: fastANI   Clust method: average   Min cov: 0.1

EscobarZepedaA_2016__SRS974112__bin.23.fa *

EBC_098_21_fa_PROK_MiFo_tagged.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

Primary cluster 804

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

MortensenS_xxxx__WK002-2-L-08h-01F7_S31__bin.2.fa *

MEGAHIT-MetaBAT2-group-0.73_misob2.fa

Average Nucleotide Identity (ANI)

Primary cluster 812

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

MASTER_WP4_UNINA_1__SS007_71775__bin.14.fa *

MASTER_WP4_UNINA_1__AS107_71775__bin.17.fa *

Average Nucleotide Identity (ANI)

Primary cluster 817

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

MEGAHIT-MetaBAT2-group-0.94_misob2.fa

DeFilippisF_xxxx__DF_118__bin.13.fa *

LeechJ_xxxx__AF74__bin.4.fa *

Average Nucleotide Identity (ANI)

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Primary cluster 818

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

MortensenS_xxxx__WK051-1-L-08h-04D4_S2__bin.2.fa *

MEGAHIT-MetaBAT2-group-04_coffee.fa

MortensenS_xxxx__WK002-1-L-48h-01F6_S30__bin.6.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

Primary cluster 819

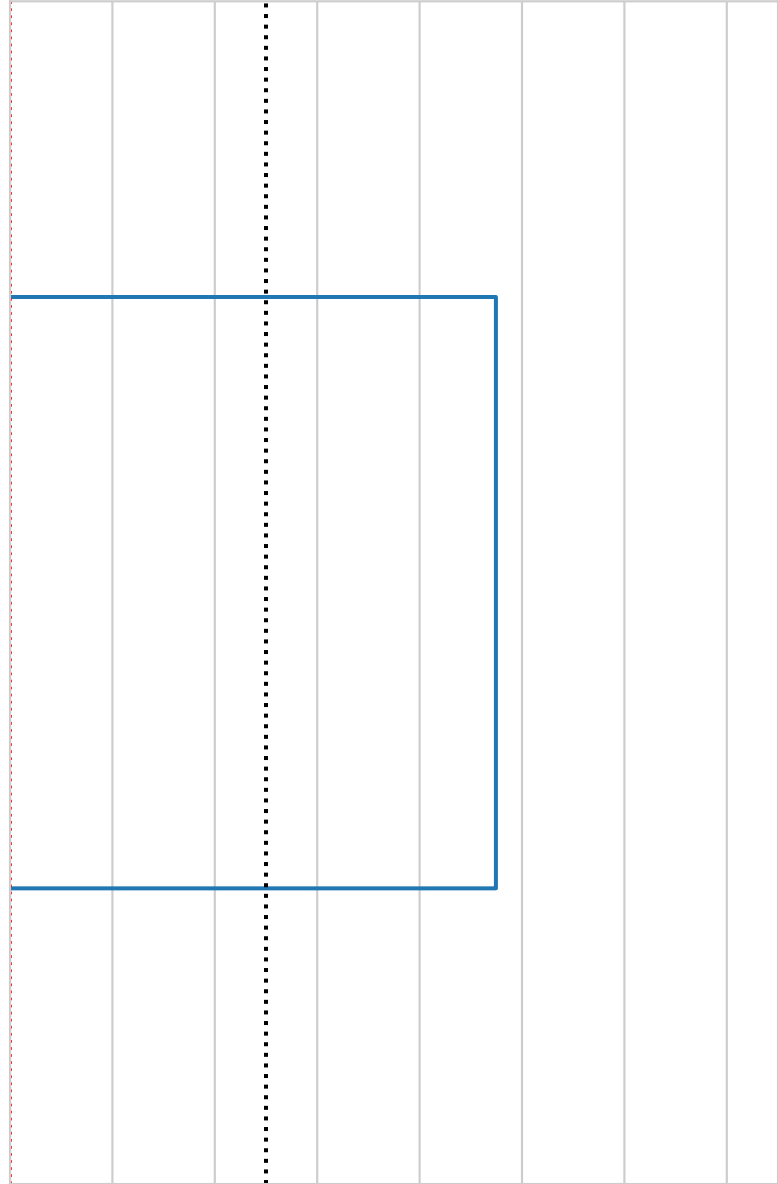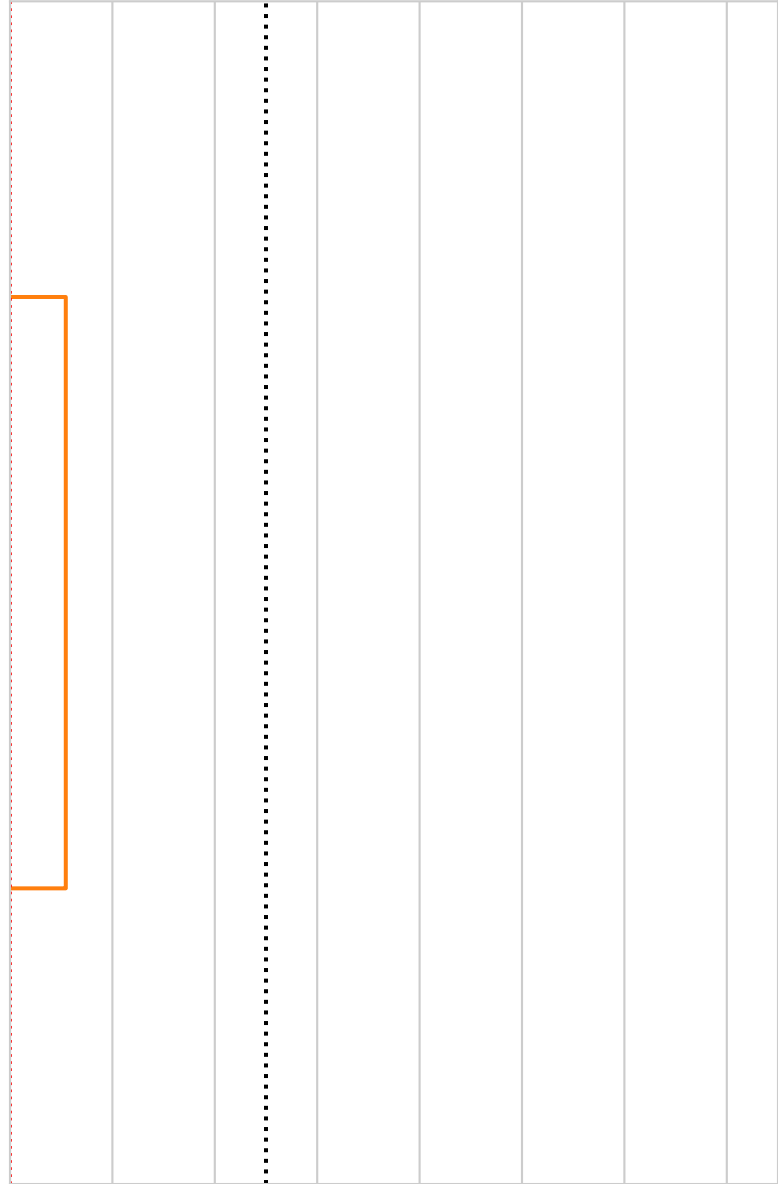Comp method: fastANI   Clust method: average   Min cov: 0.1
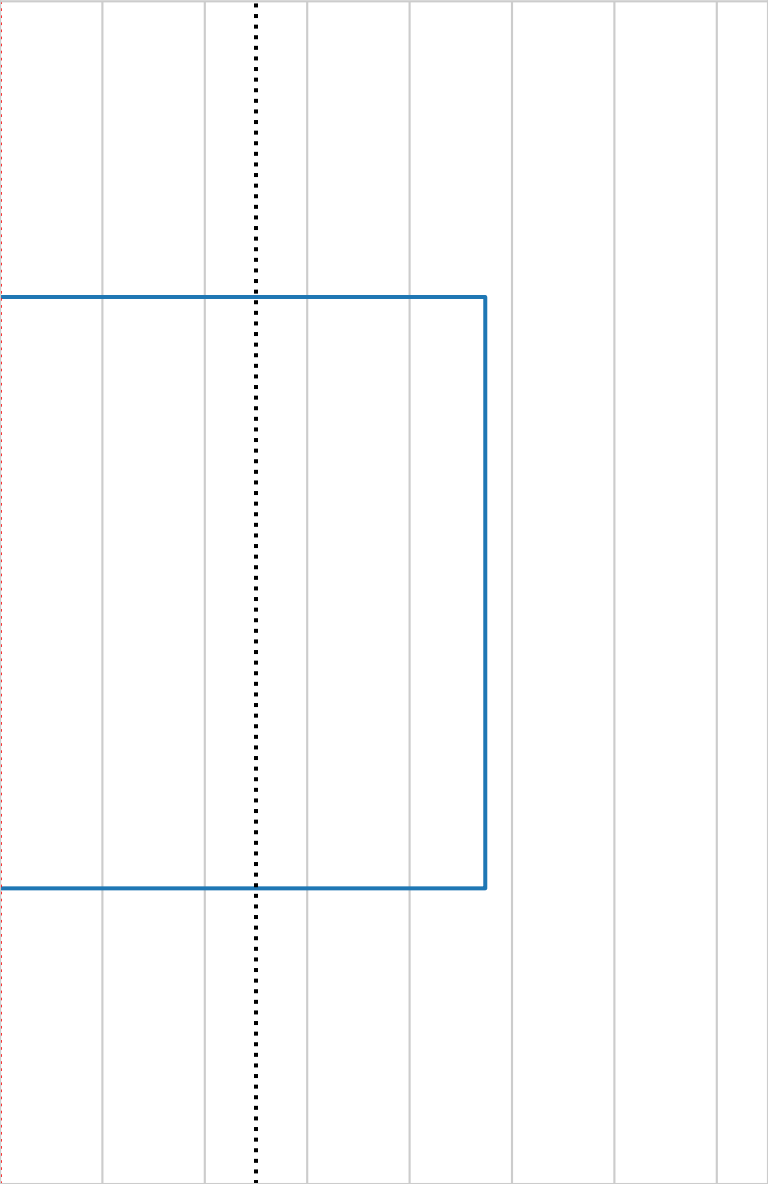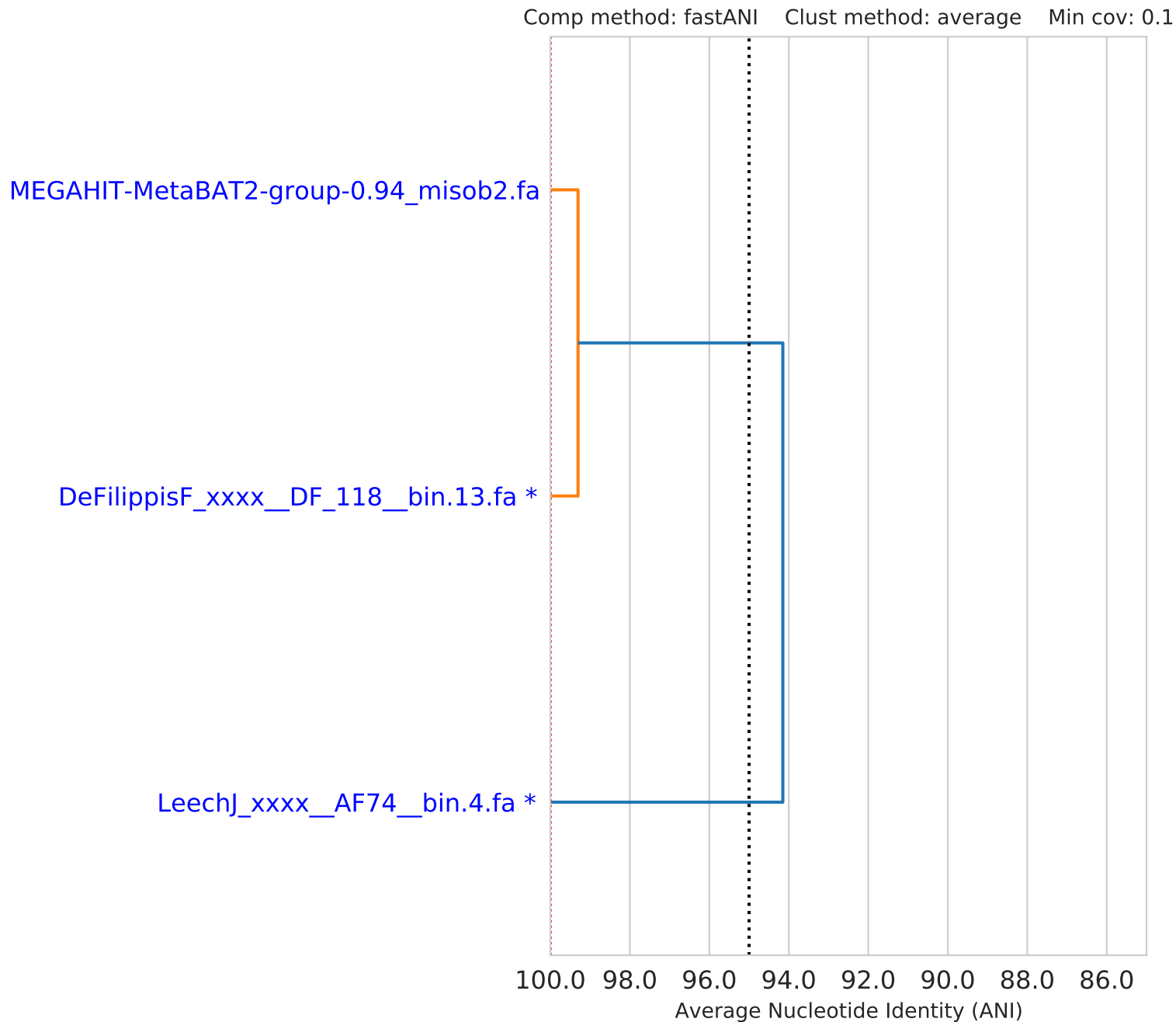
MASTER_WP4_CSIC_1__P2247_73323__bin.28.fa *

LeechJ_2020__ERS3967702__bin.1.fa *

Average Nucleotide Identity (ANI)

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Primary cluster 822

Primary cluster 825

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

LeechJ_2020__ERS3967741__bin.9.fa *

AlvarezOrdonezA_xxxx__F03-19__bin.17.fa *

Average Nucleotide Identity (ANI)
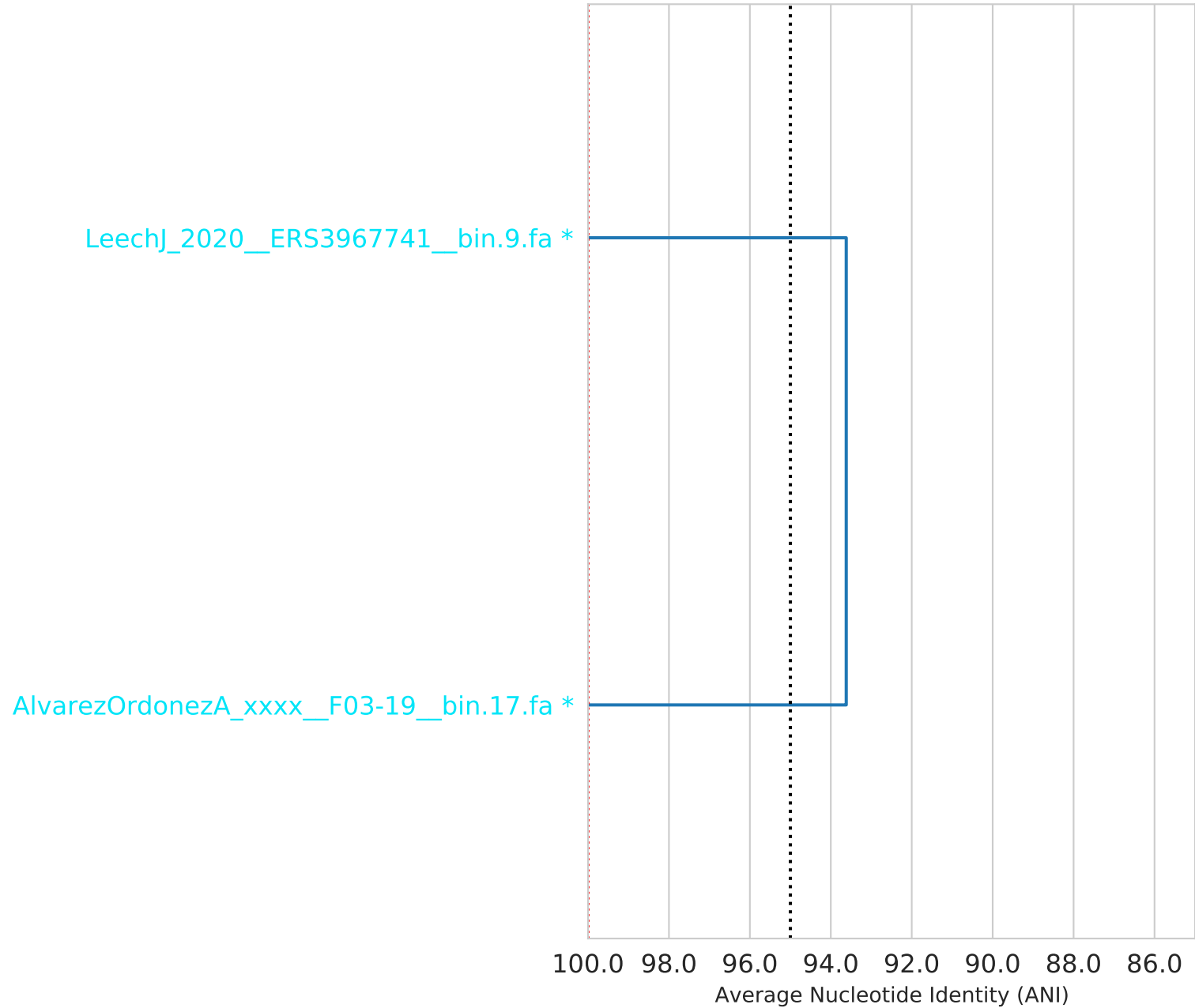
Primary cluster 839

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

MASTER_WP4_UNINA_1__GR012_71775__bin.10.fa *

DeFilippisF_xxxx__DF_76__bin.1.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0
Average Nucleotide Identity (ANI)
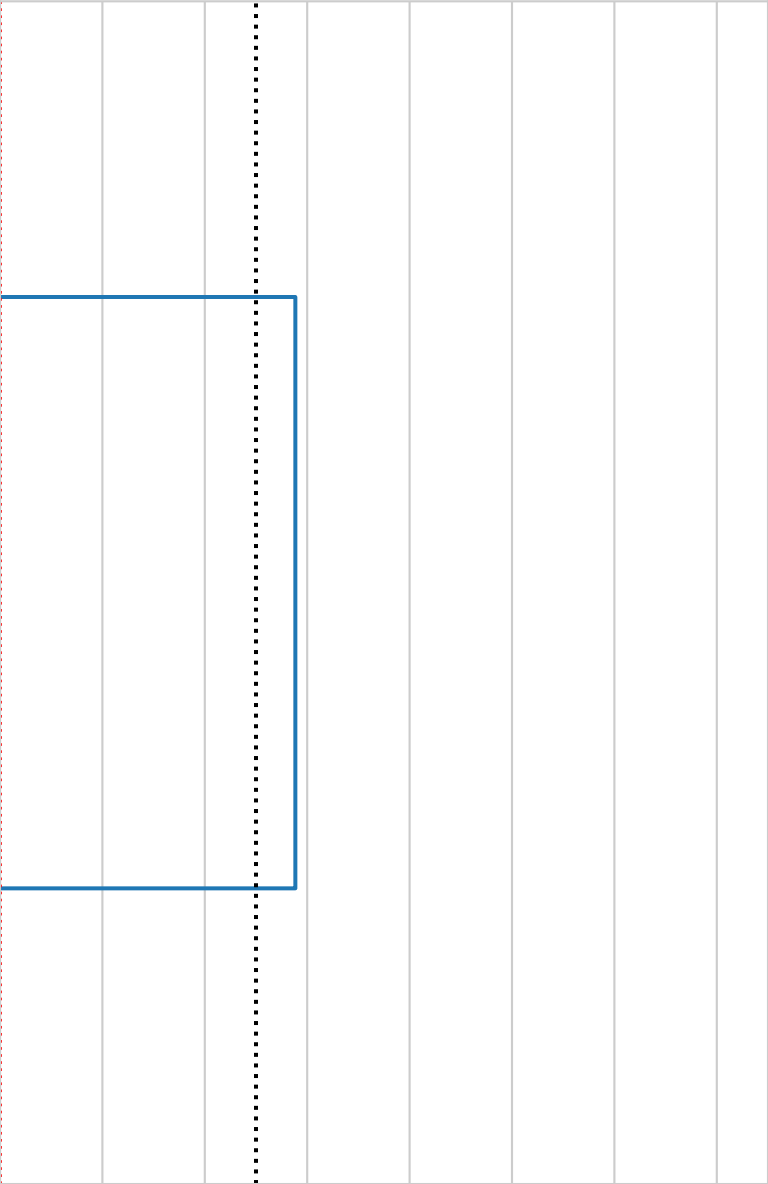
Primary cluster 859

MASTER_WP4_UNINA_2__V-24__bin.20.fa *

ChaconVargasK_2020__SRS6087089__bin.5.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

Primary cluster 861

MASTER_WP4_TEAGASC_1__TGS14-28__bin.4.fa *

MASTER_WP4_CSIC_1__P2201_73323__bin.5.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)
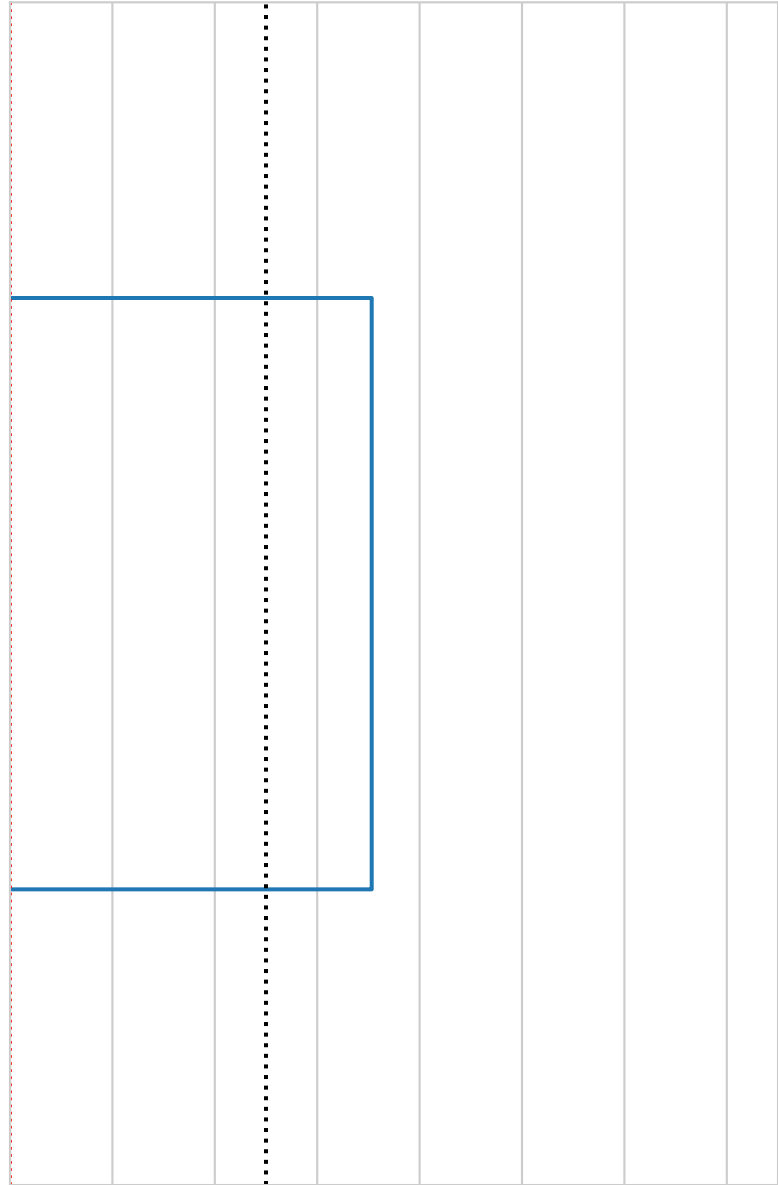
Primary cluster 864
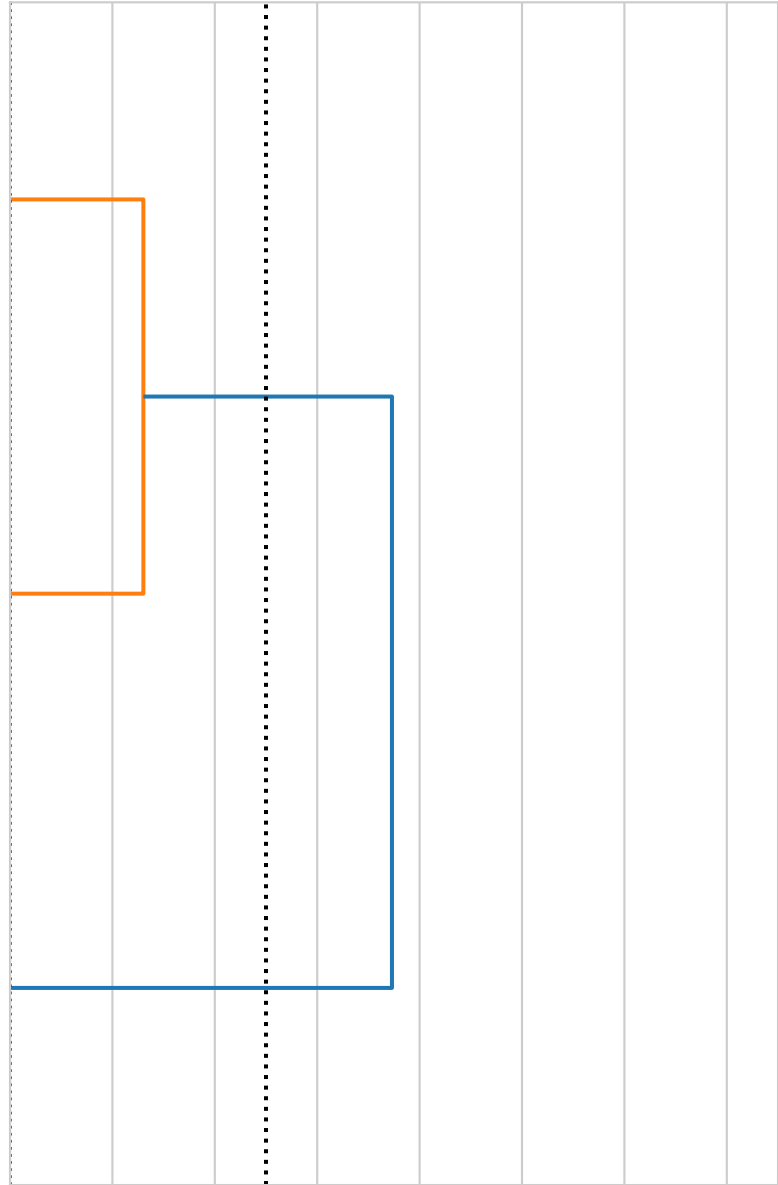

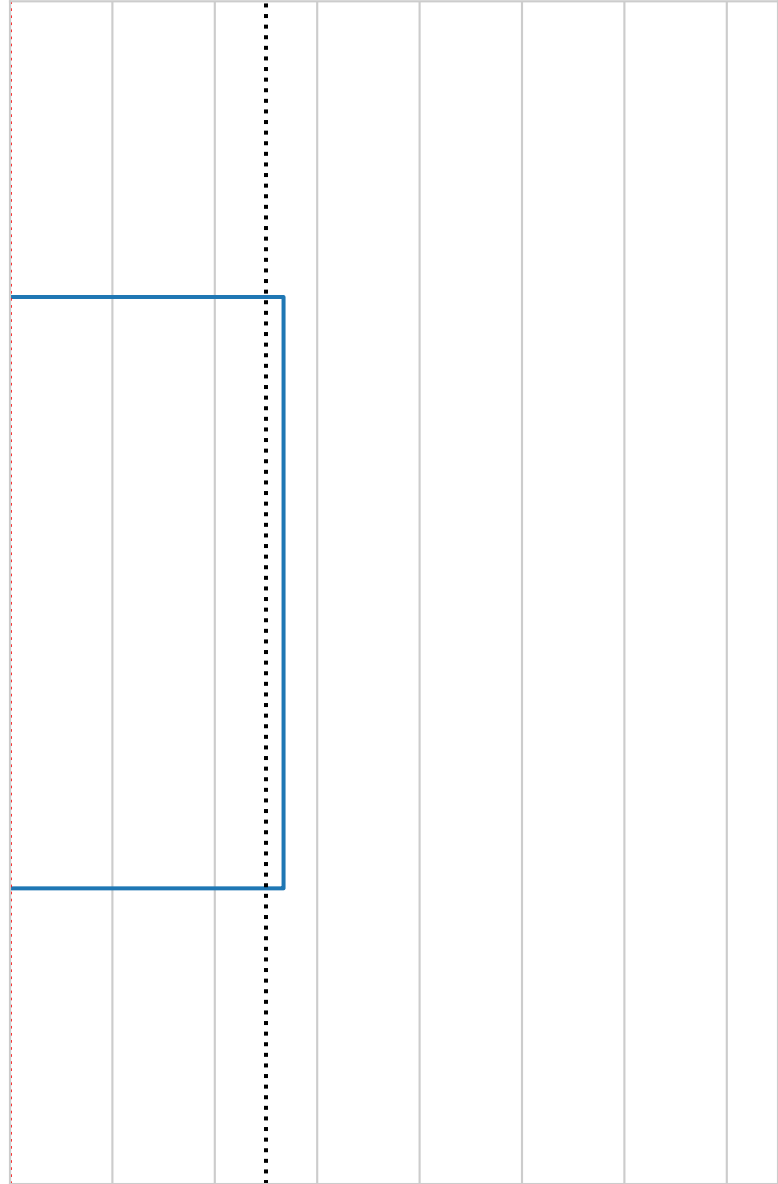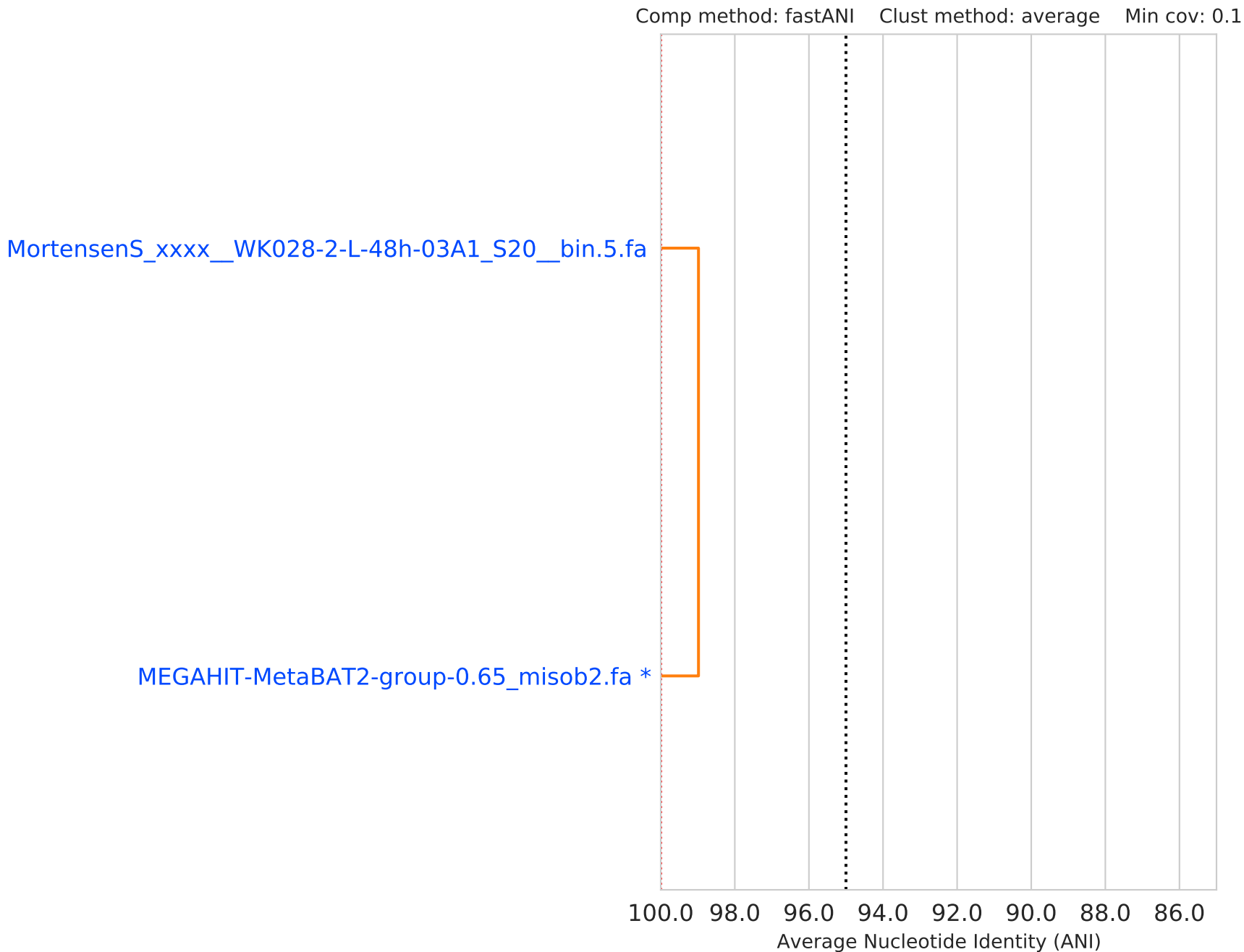Comp method: fastANI   Clust method: average   Min cov: 0.1

MASTER_WP4_UNINA_1__PM012_71775__bin.11.fa *

MASTER_WP4_UNINA_1__PM003_71775__bin.3.fa *

DeFilippisF_xxxx__DF_115__bin.29.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0
Average Nucleotide Identity (ANI)

Primary cluster 872
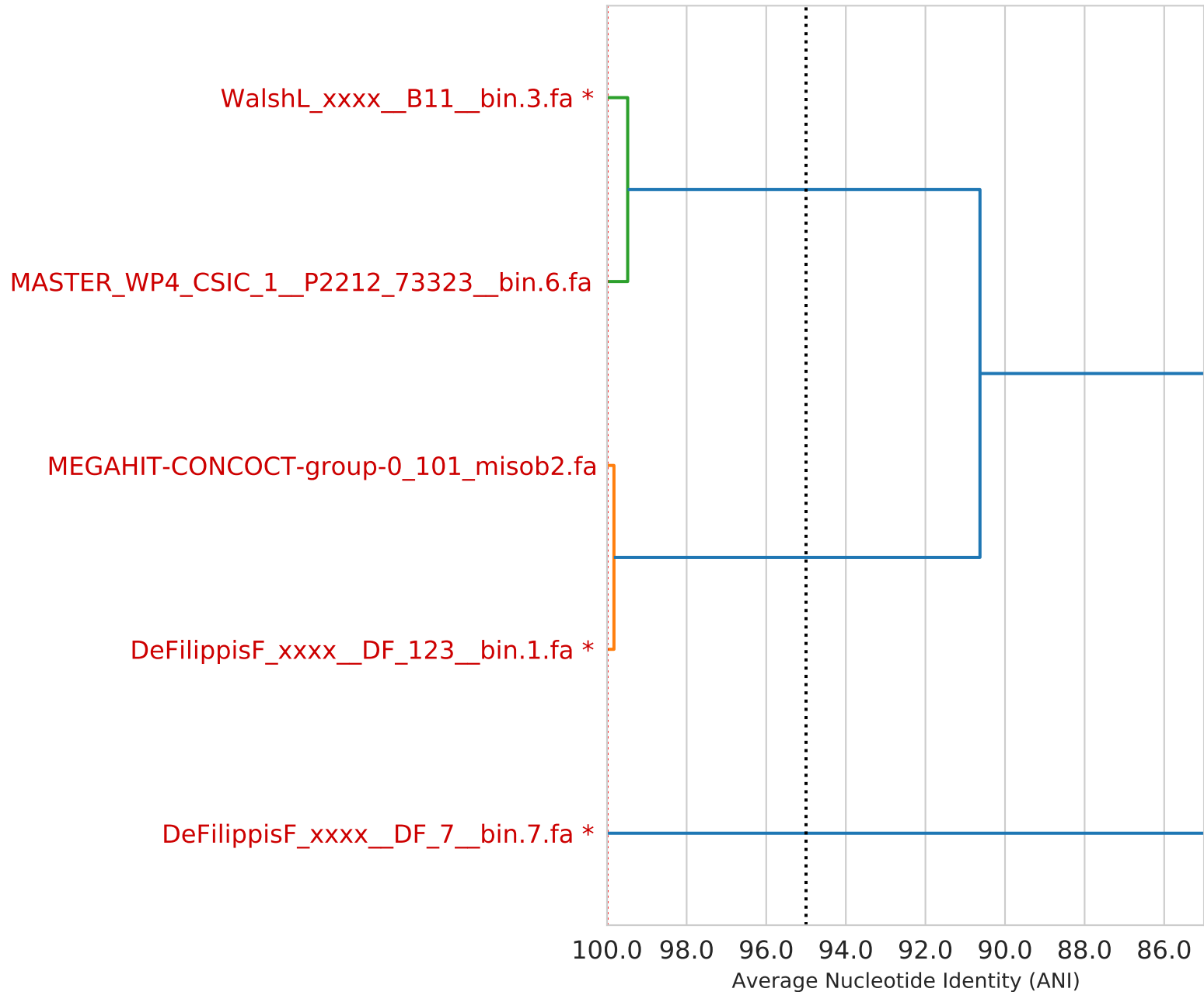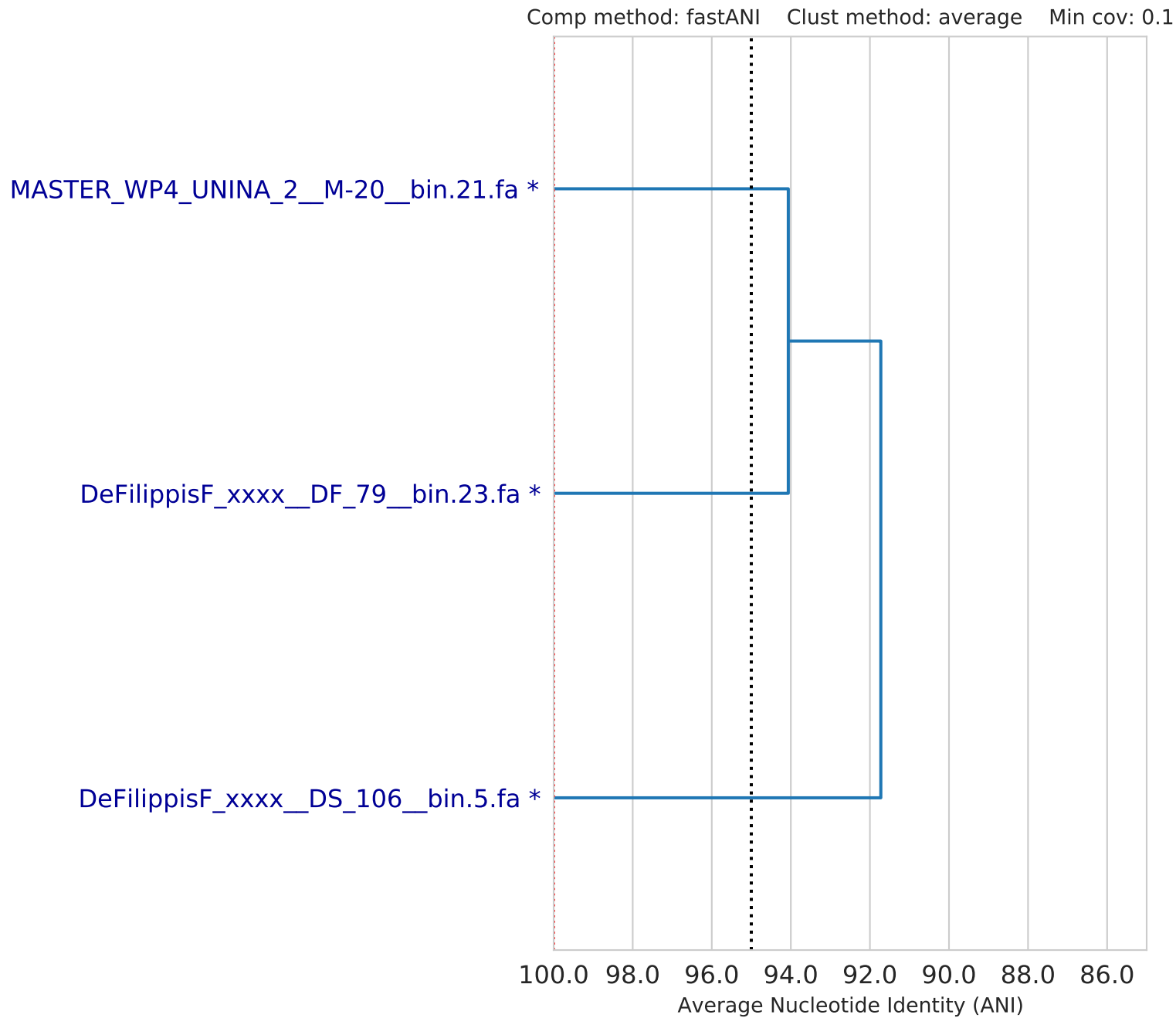
WalshL_xxxx__B11__bin.3.fa *

MASTER_WP4_CSIC_1__P2212_73323__bin.6.fa

MEGAHIT-CONCOCT-group-0_101_misob2.fa

DeFilippisF_xxxx__DF_123__bin.1.fa *

DeFilippisF_xxxx__DF_7__bin.7.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

Primary cluster 874

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

MASTER_WP4_UNINA_2__M-20__bin.21.fa *

DeFilippisF_xxxx__DF_79__bin.23.fa *

DeFilippisF_xxxx__DS_106__bin.5.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

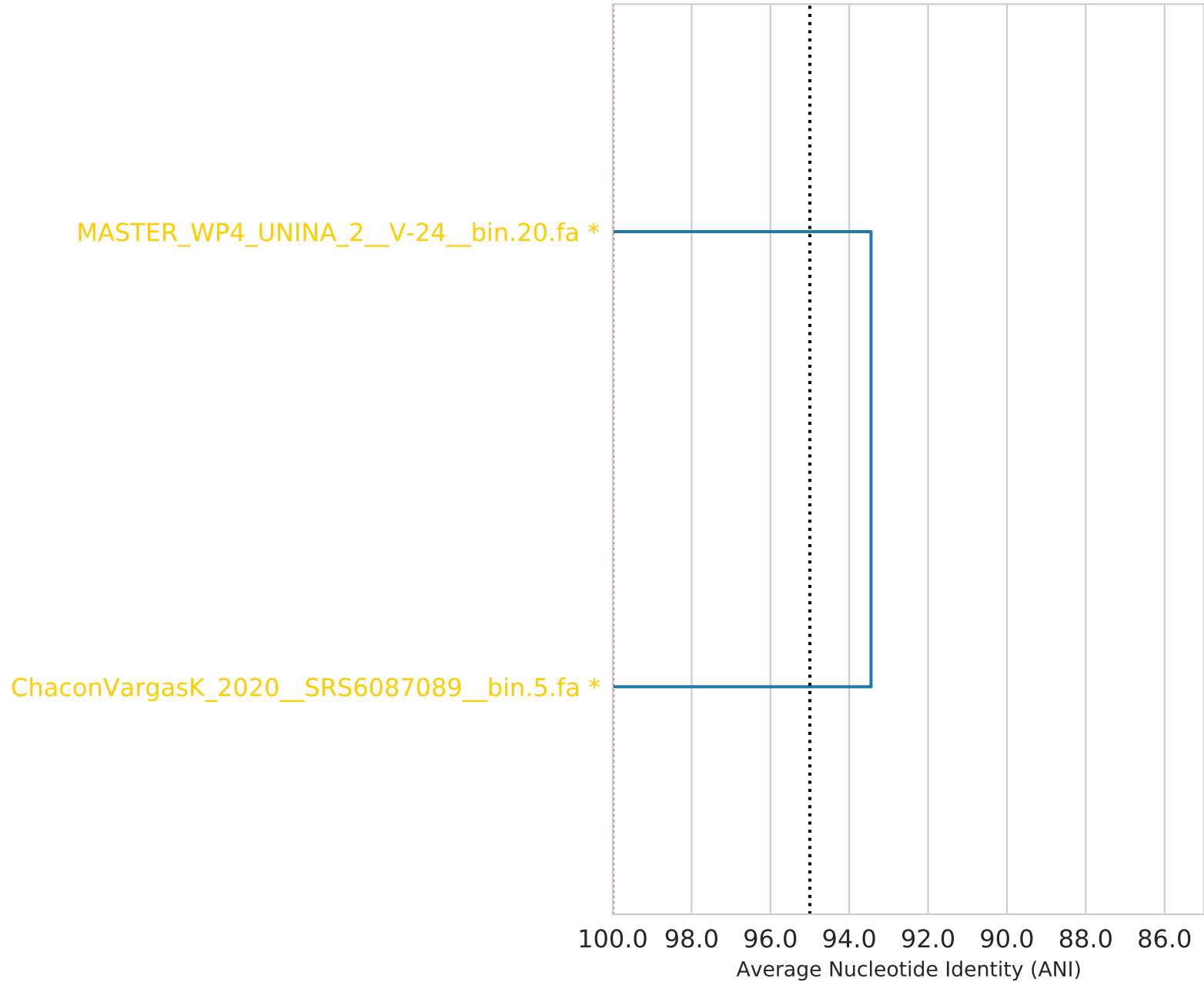# Primary cluster 885

MASTER_WP4_UNINA_1__TA012_71775__bin.15.fa *

MASTER_WP4_UNINA_1__GO004_71775__bin.12.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

Primary cluster 886

Primary cluster 893

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

MASTER_WP4_UNINA_1__GO004_71775__bin.17.fa *

DeFilippisF_xxxx__DF_59__bin.13.fa *

Average Nucleotide Identity (ANI)

Primary cluster 898

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

MEGAHIT-MetaBAT2-group-0.52_misob2.fa

MASTER_WP4_UNINA_1__PB007_73417__bin.16.fa *

100.0   98.0   96.0   94.0   92.0   90.0   88.0   86.0

Average Nucleotide Identity (ANI)

Primary cluster 899

WalshAM_2017__ERS1739840__bin.5.fa *

MEGAHIT-MetaBAT2-group-0.41_misob2.fa

MASTER_WP4_UNINA_1__FO013_71775__bin.2.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

Primary cluster 900

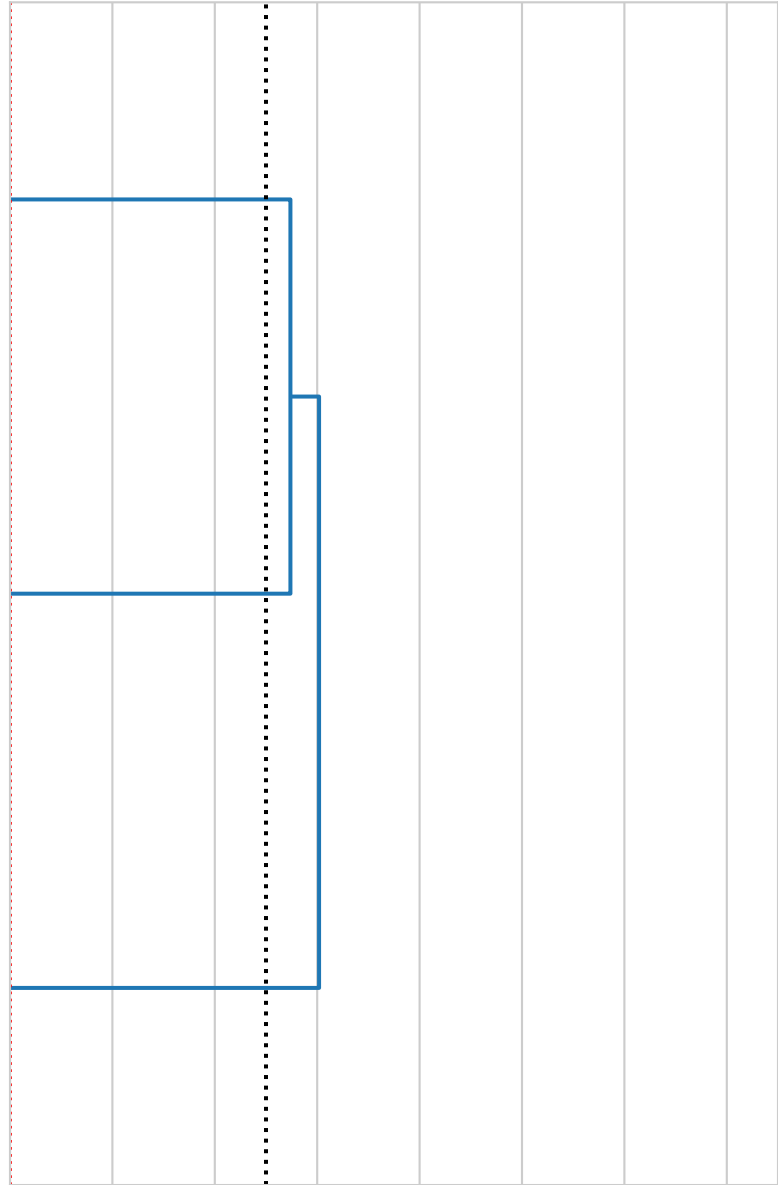Comp method: fastANI   Clust method: average   Min cov: 0.1

MEGAHIT-CONCOCT-group-0_97_misob2.fa

LeechJ_xxxx__AF57__bin.12.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

Primary cluster 901

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

MEGAHIT-MaxBin2-group-0.046_misob2.fa *

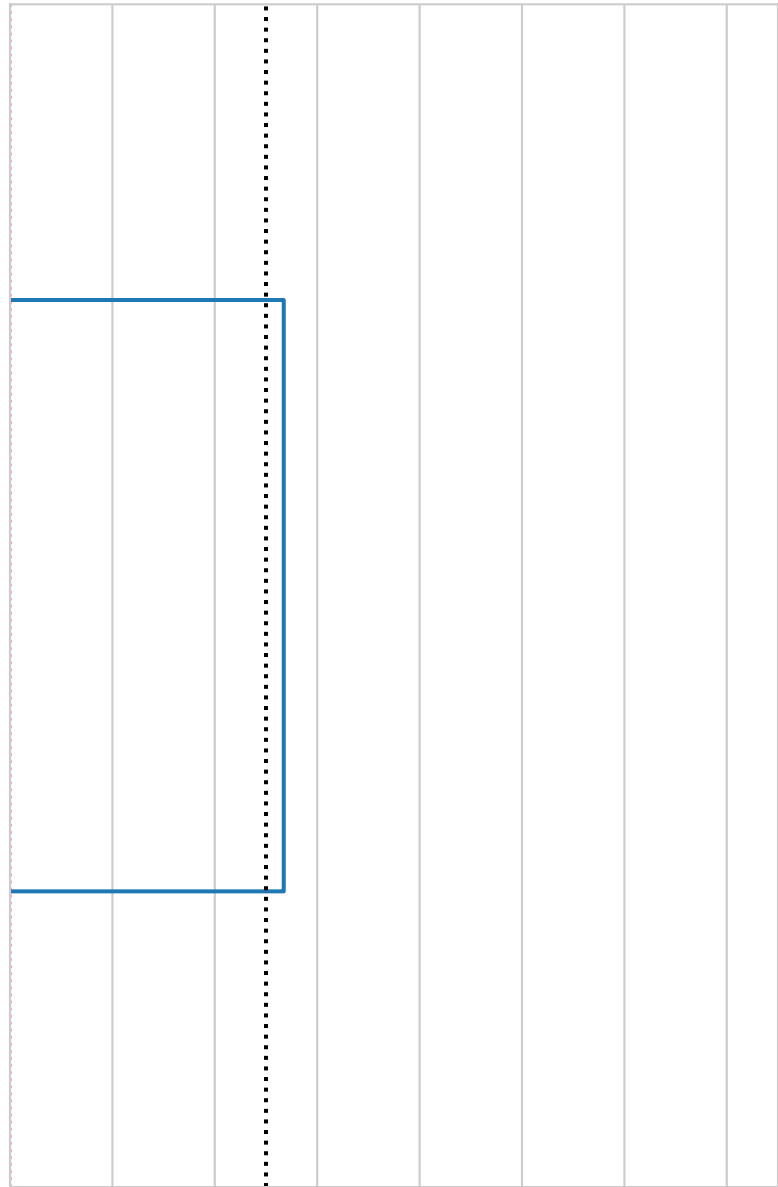AlvarezOrdonezA_xxxx__C07-19__bin.9.fa

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

Primary cluster 904

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

S3_2_bin_2_fa_PROK_MiFo_tagged.fa *

AlvarezOrdonezA_xxxx__Q05-22__bin.4.fa *

Average Nucleotide Identity (ANI)

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Primary cluster 907

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

MEGAHIT-CONCOCT-group-0_48_misob2.fa *

MASTER_WP4_CSIC_2__P2618__bin.30.fa

100.0   98.0   96.0   94.0   92.0   90.0   88.0   86.0
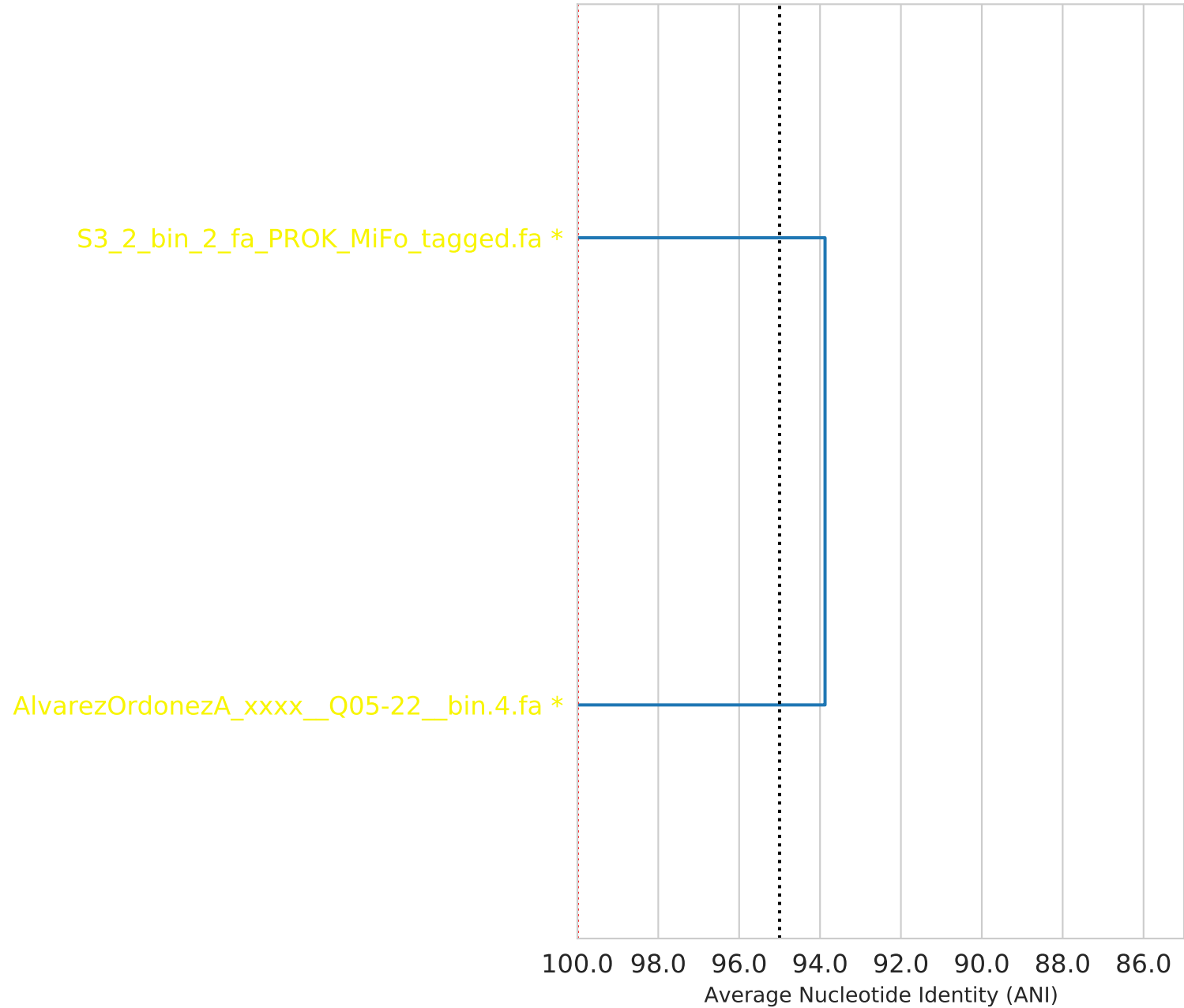
Average Nucleotide Identity (ANI)
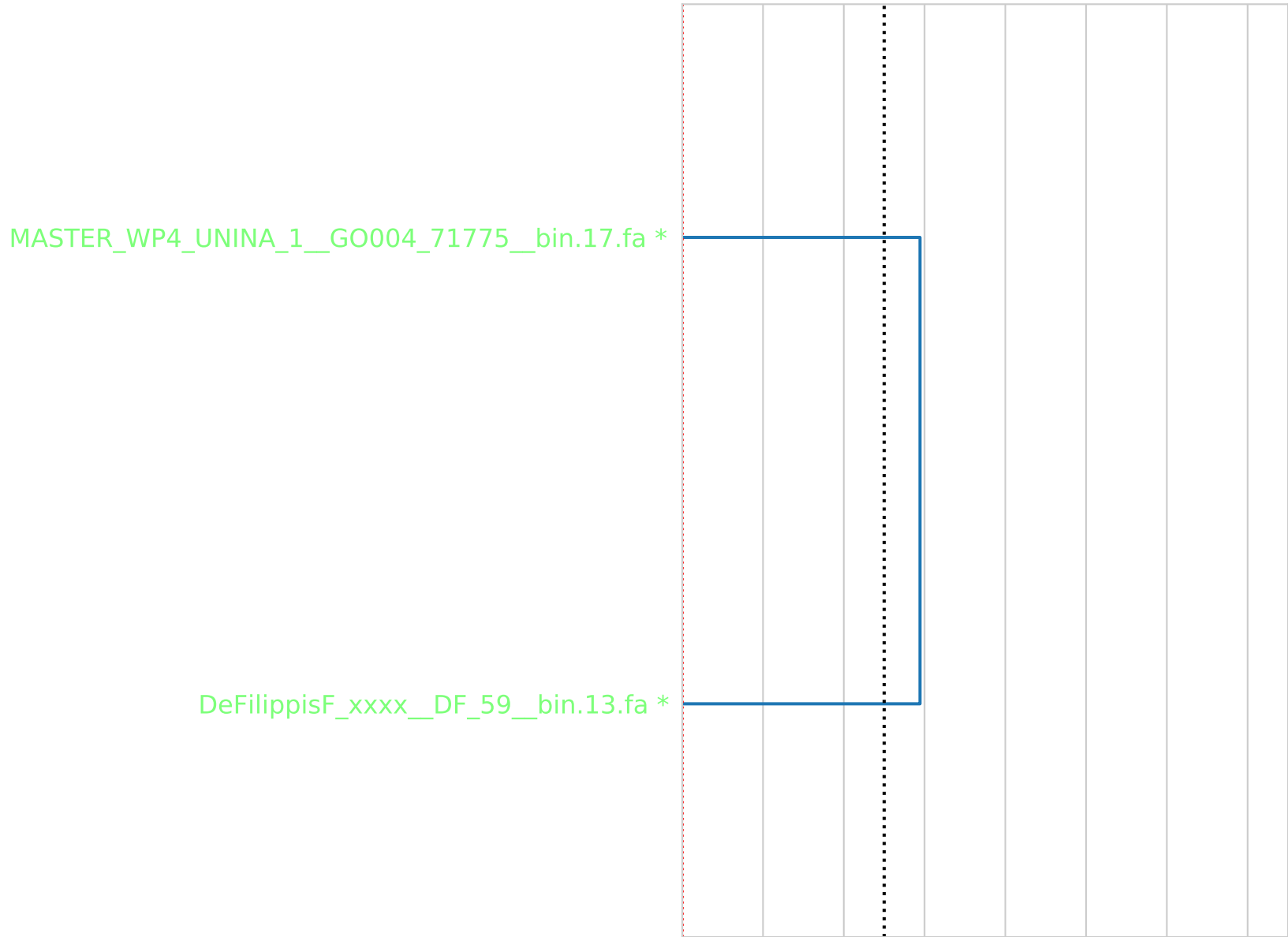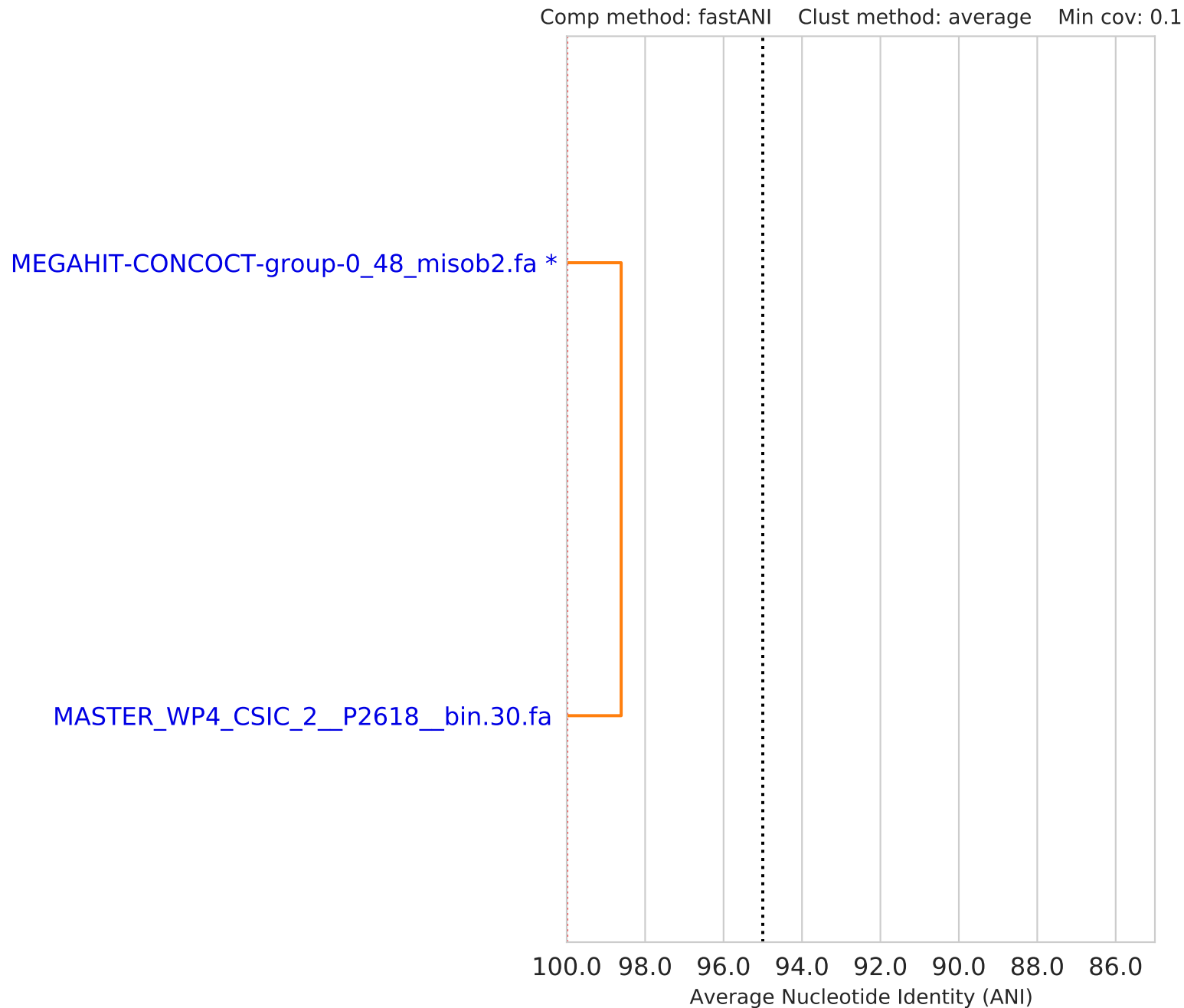
Primary cluster 911

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

MASTER_WP4_CSIC_1__P2134_73322__bin.3.fa *

AlvarezOrdonezA_xxxx__Q07-22__bin.21.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)
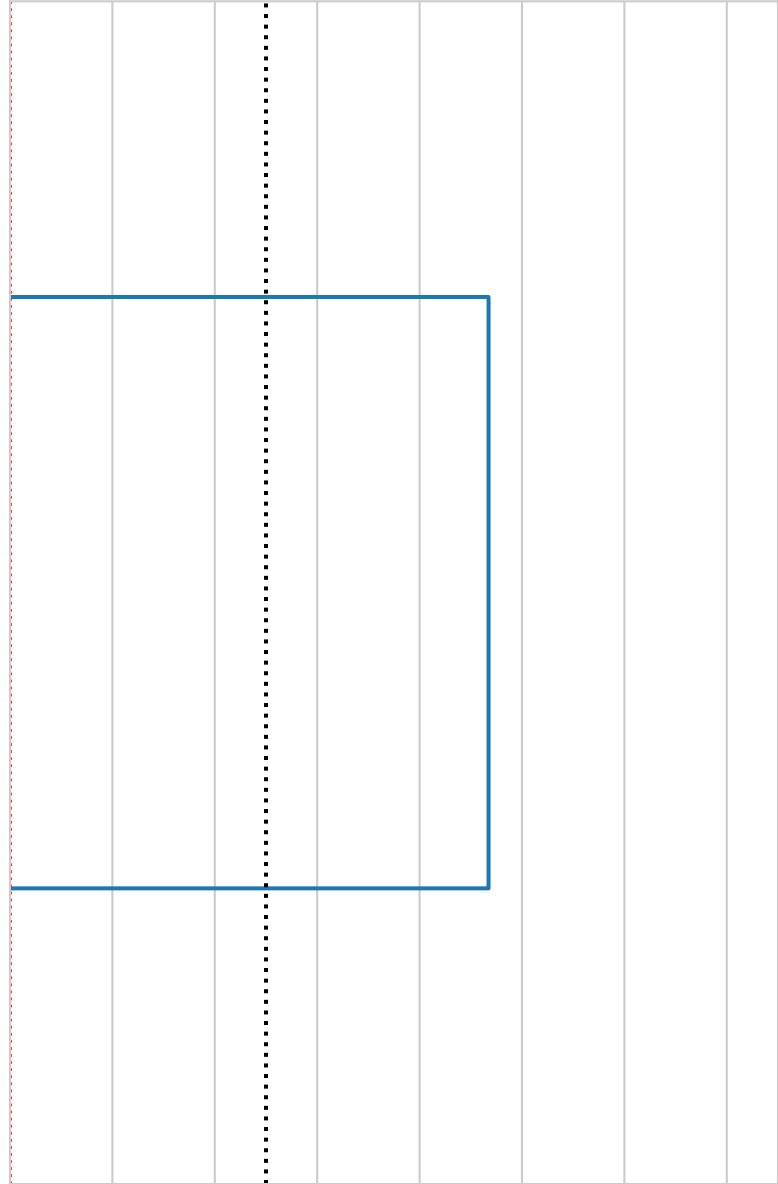
Primary cluster 915

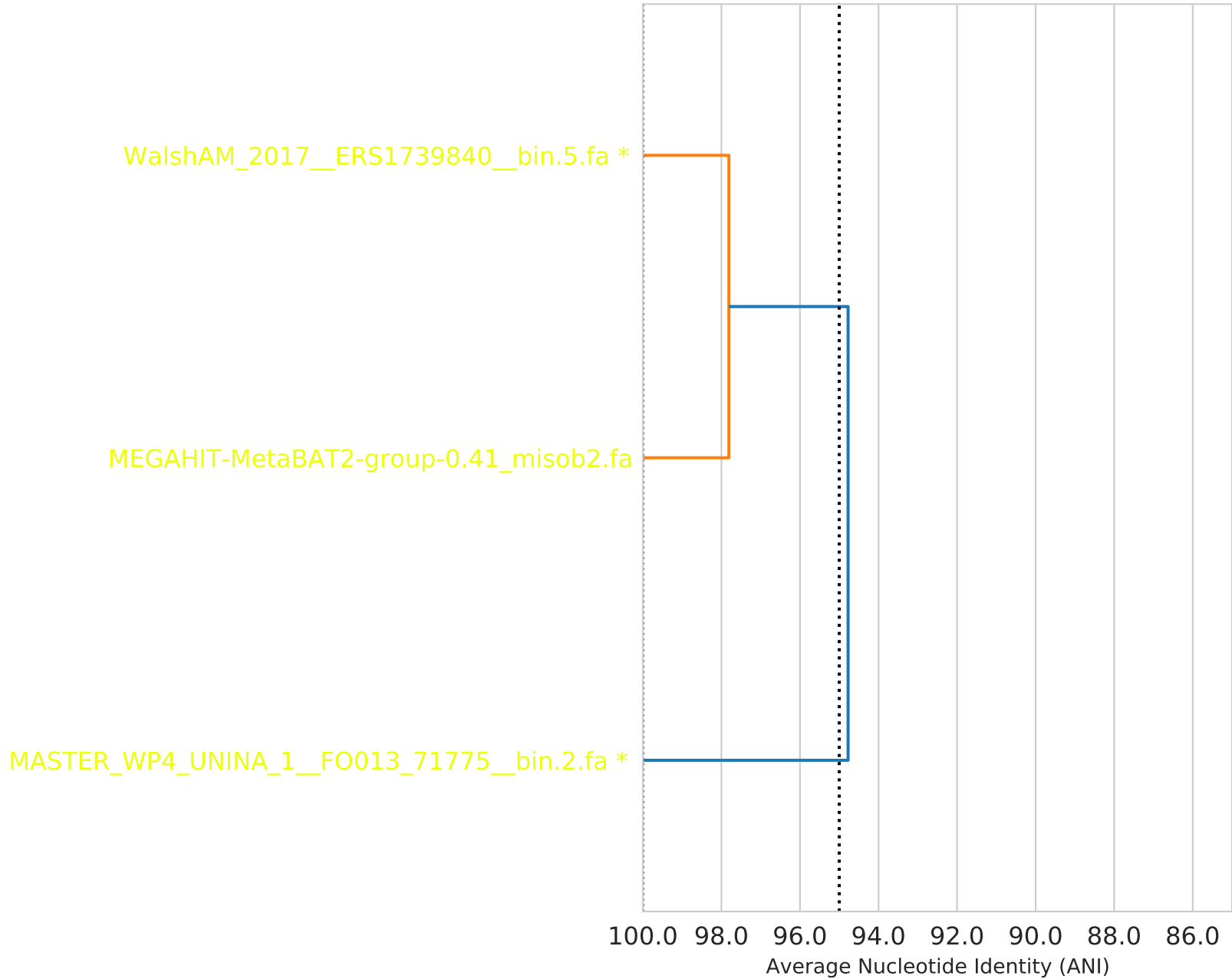Comp method: fastANI   Clust method: average   Min cov: 0.1

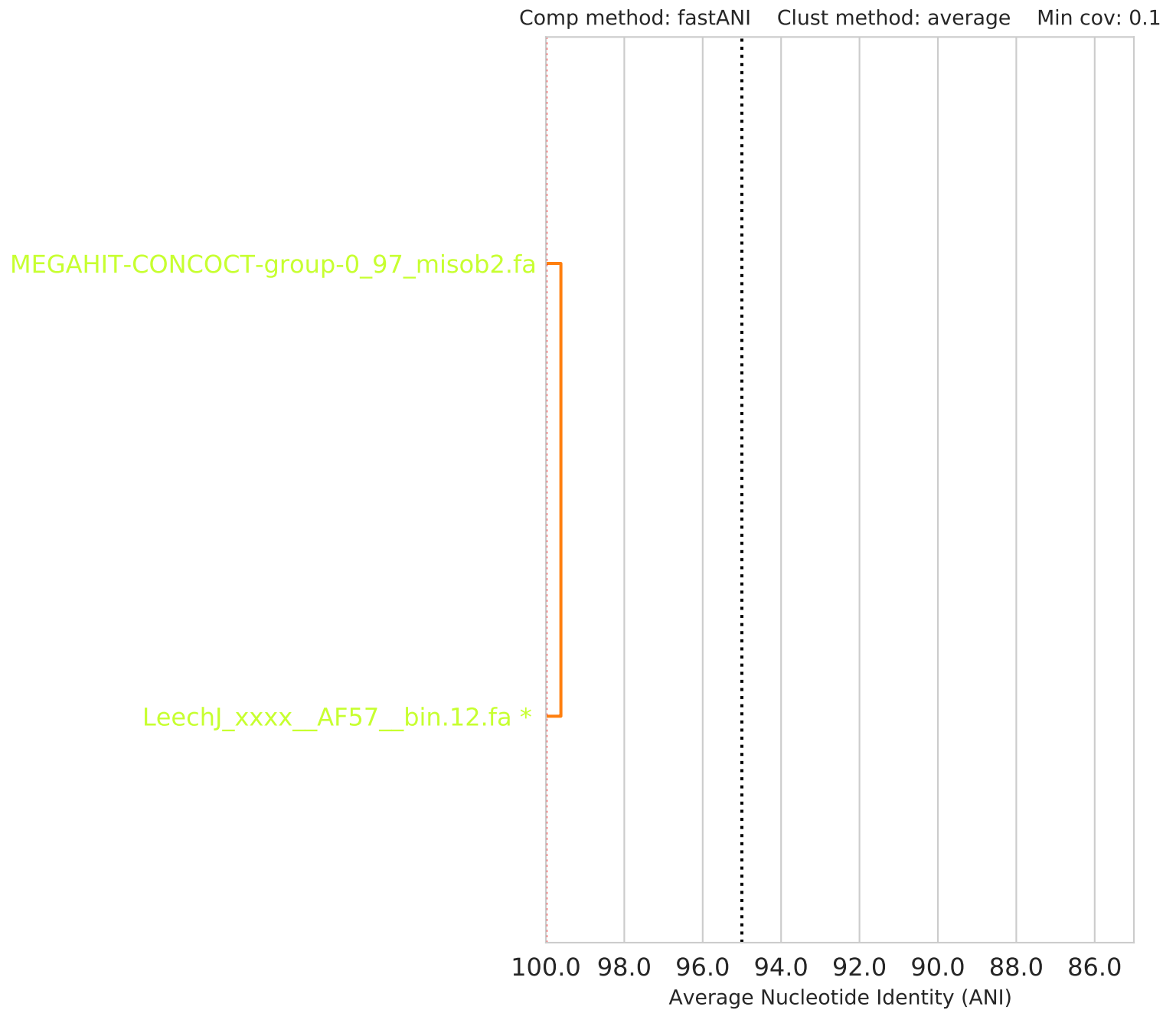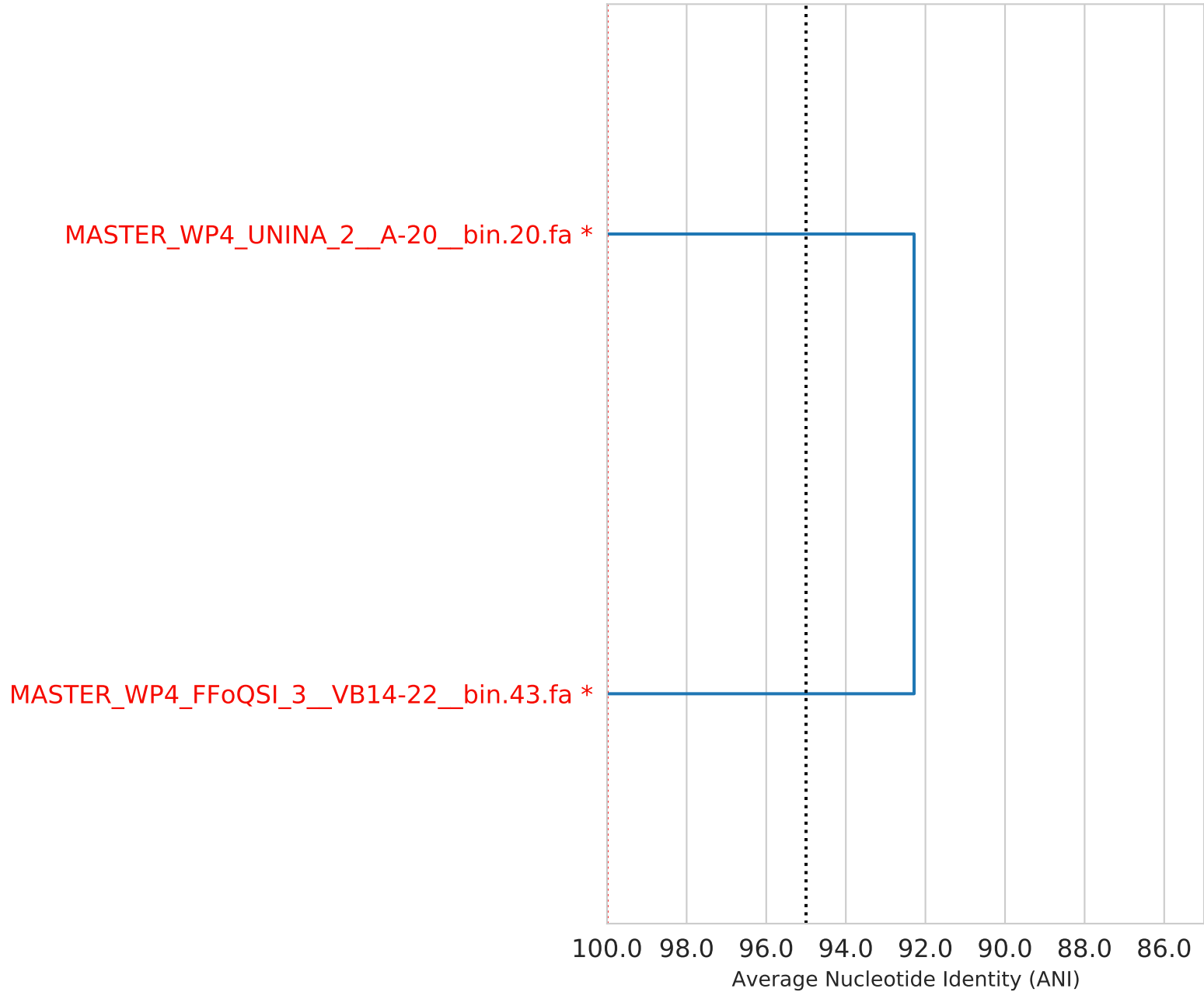MASTER_WP4_UNINA_2__A-20__bin.20.fa *

MASTER_WP4_FFoQSI_3__VB14-22__bin.43.fa *

Average Nucleotide Identity (ANI)

Primary cluster 916

MASTER_WP4_TEAGASC_1__TGS08-29__bin.26.fa *

KastmanEK_2016__CSB694__bin.6.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

Primary cluster 921

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

MASTER_WP4_UNINA_2__R-32__bin.23.fa *

MASTER_WP4_UNINA_2__P-22__bin.7.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

Primary cluster 926

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

PasolliE_2020__SRS6525471__bin.1.fa *

LiZ_2018__SRS2920551__bin.1.fa

Average Nucleotide Identity (ANI)

Primary cluster 931

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

MEGAHIT-MaxBin2-group-0.073_misob2.fa *

LeechJ_xxxx__AF09__bin.10.fa *

Average Nucleotide Identity (ANI)

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Primary cluster 933

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

MEGAHIT-MetaBAT2-group-0.54_misob2.fa *

EBC_097_14_fa_PROK_MiFo_tagged.fa *

Average Nucleotide Identity (ANI)

Primary cluster 934

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

MEGAHIT-MetaBAT2-group-03_coffee.fa

MASTER_WP4_UNINA_2__Q-16__bin.2.fa *

MS_bin_1_fa_PROK_MiFo_tagged.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0
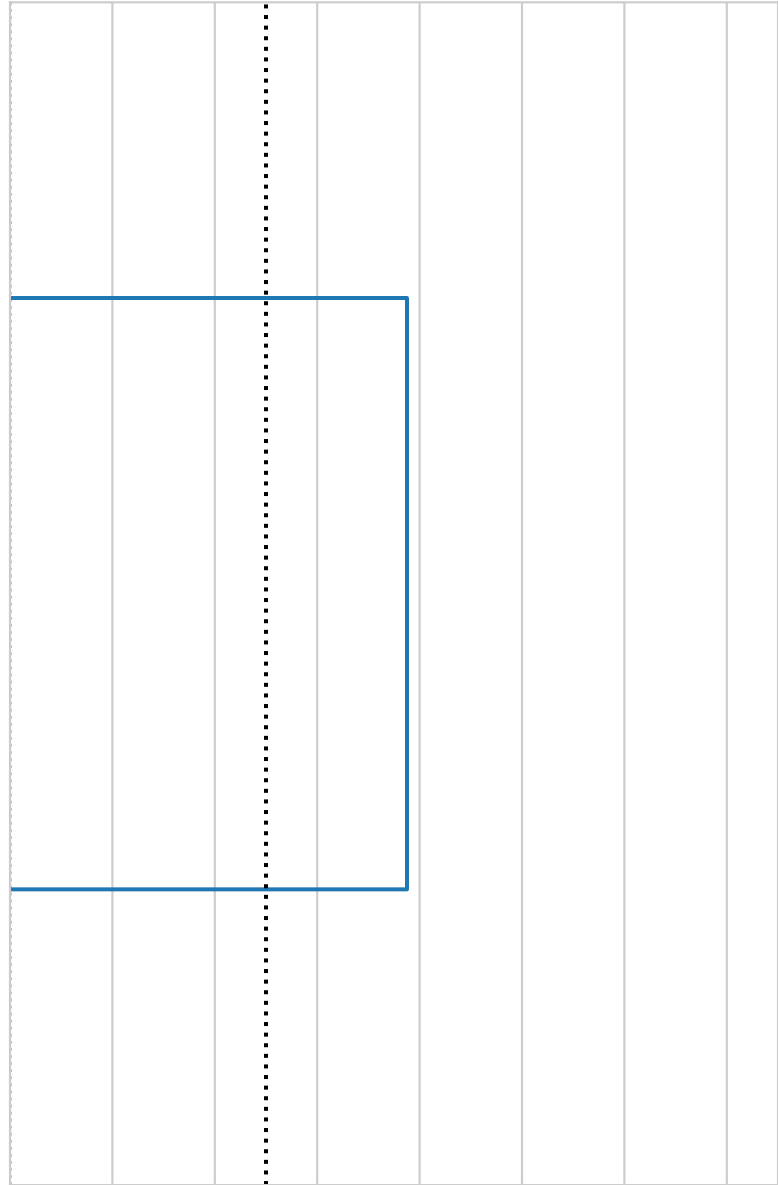
Average Nucleotide Identity (ANI)
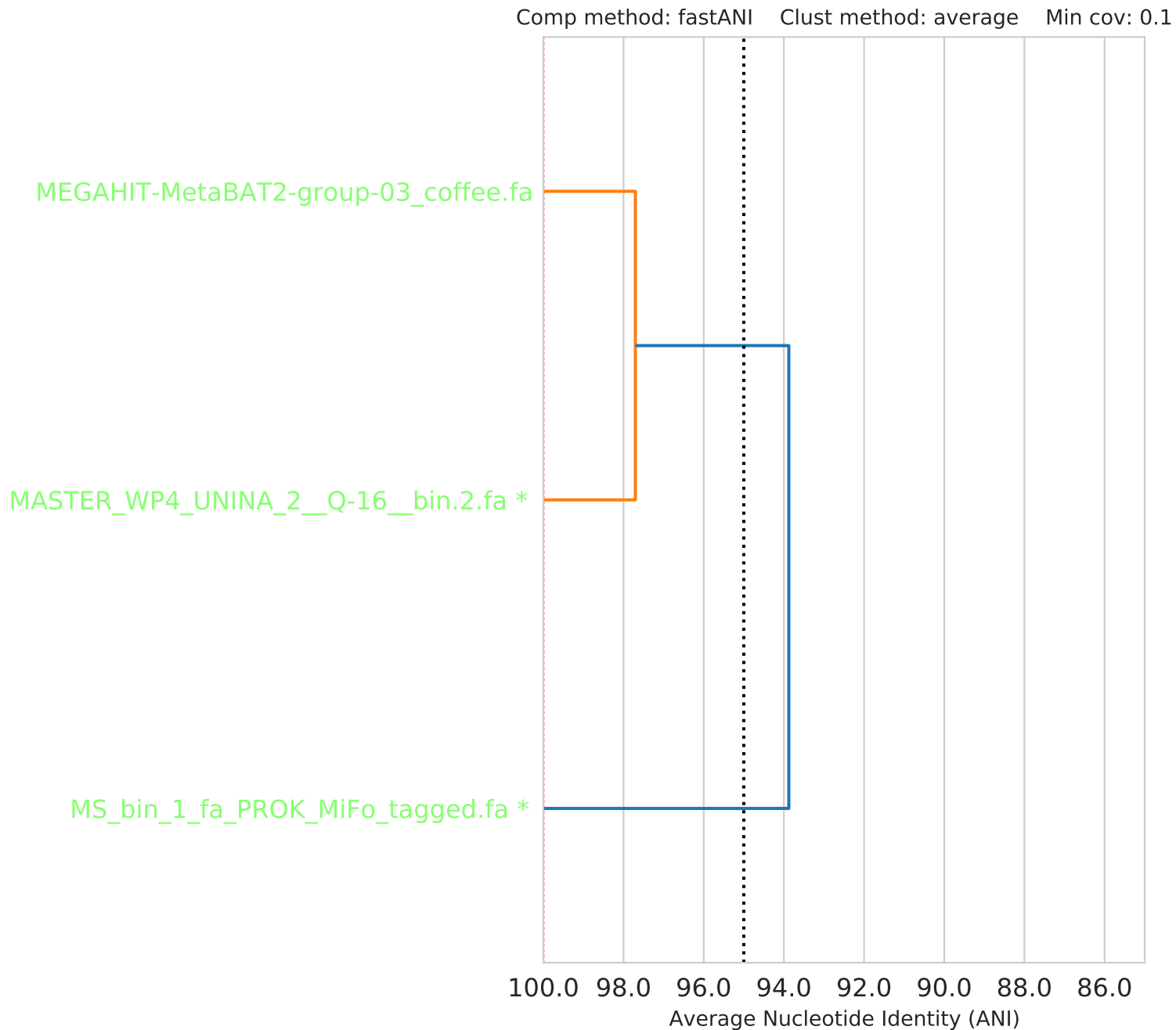
Primary cluster 944

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

LeechJ_xxxx__AF56__bin.5.fa *

LeechJ_xxxx__AF47__bin.6.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

Primary cluster 949

Comp method: fastANI   Clust method: average   Min cov: 0.1
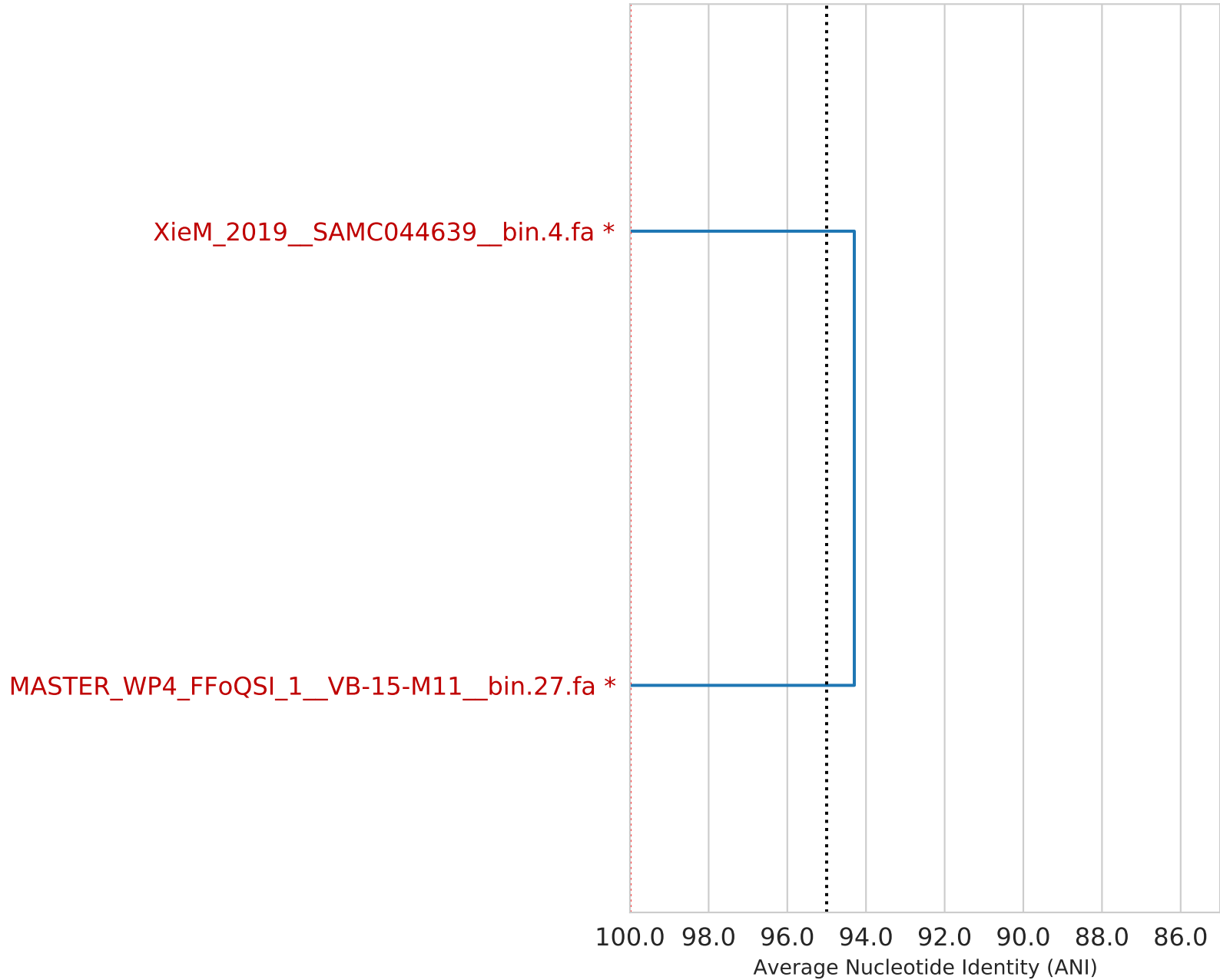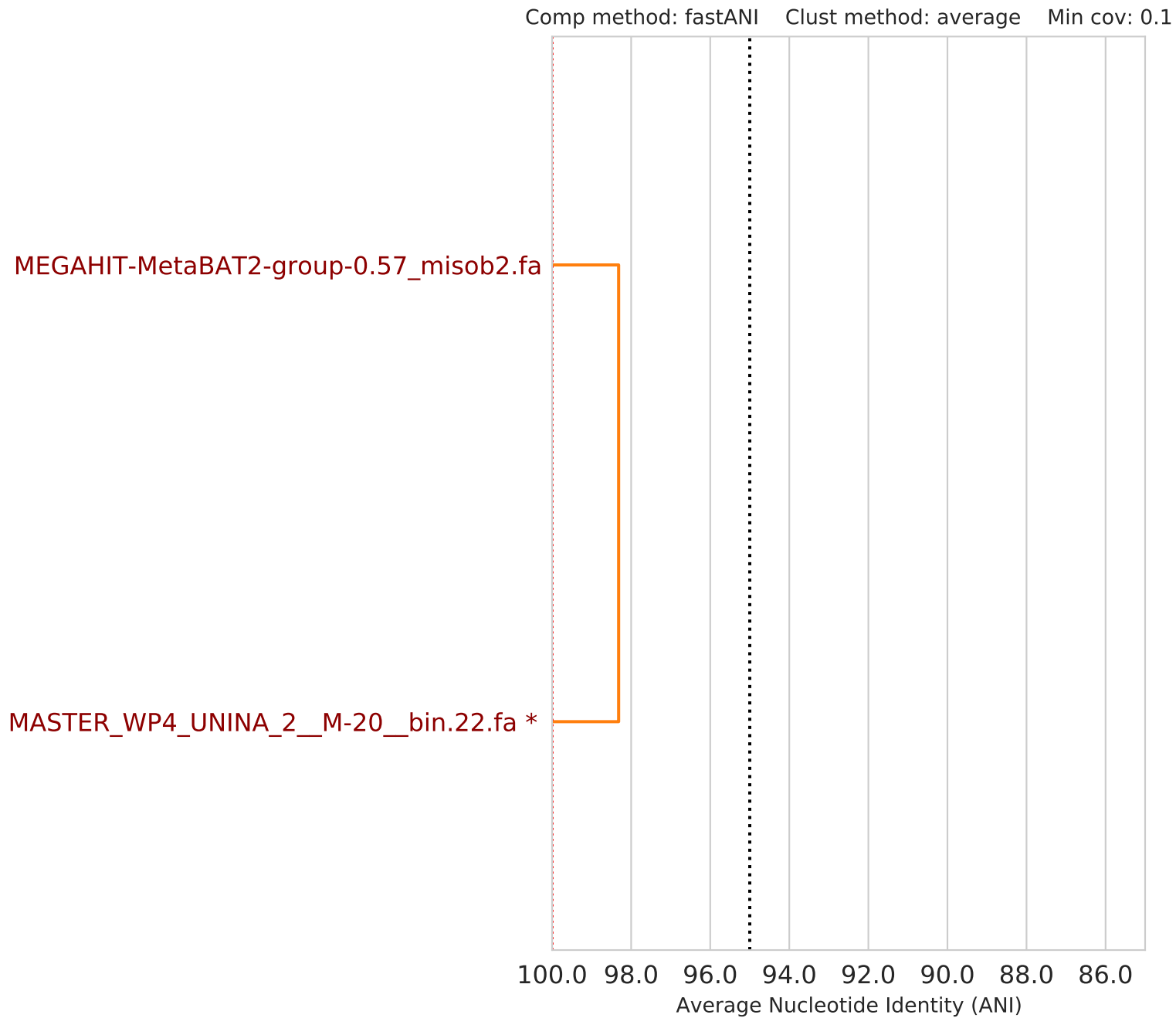
XieM_2019__SAMC044639__bin.4.fa *

MASTER_WP4_FFoQSI_1__VB-15-M11__bin.27.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

Primary cluster 950

MEGAHIT-MetaBAT2-group-0.57_misob2.fa

MASTER_WP4_UNINA_2__M-20__bin.22.fa *

100.0   98.0   96.0   94.0   92.0   90.0   88.0   86.0

Average Nucleotide Identity (ANI)

Primary cluster 952

MEGAHIT-MetaBAT2-group-0.82_misob2.fa

MASTER_WP4_FFoQSI_1__DC18-F-AR__bin.16.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)
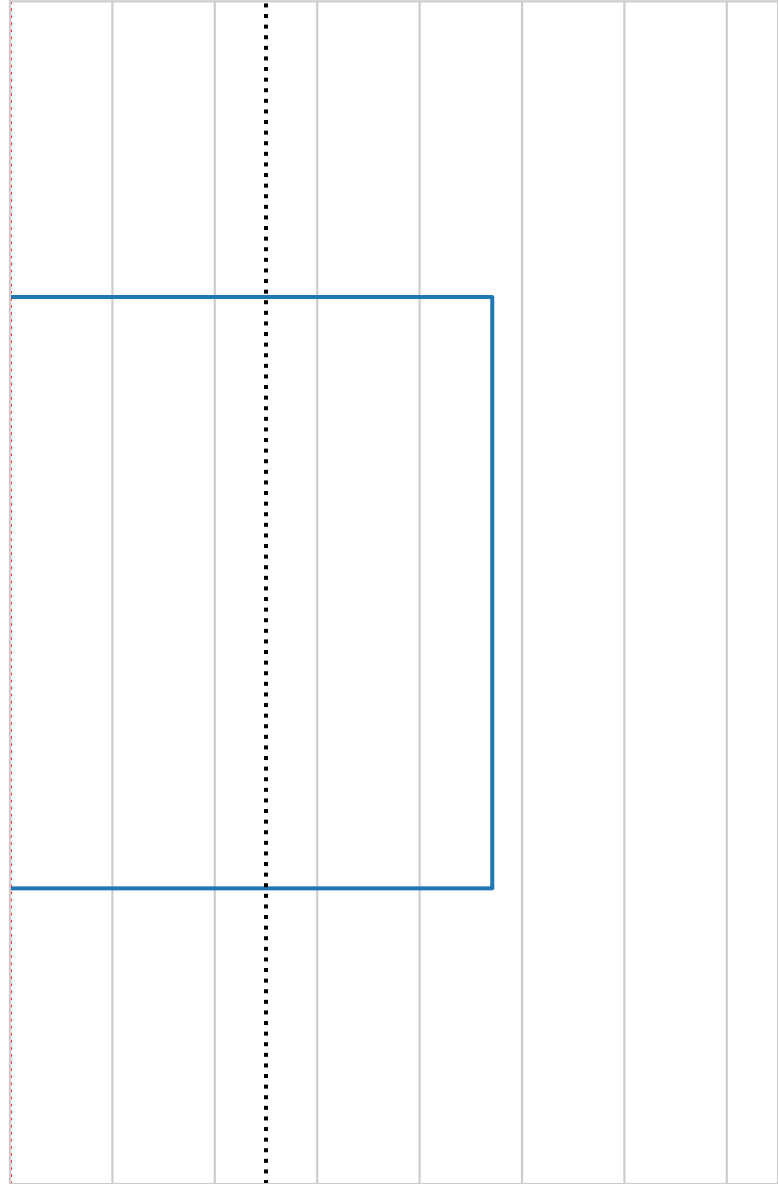
Primary cluster 955

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

MEGAHIT-MetaBAT2-group-0.15_misob2.fa

MASTER_WP4_CSIC_1__P2137_73322__bin.19.fa *

AlvarezOrdonezA_xxxx__Q06-29__bin.7.fa

100.0   98.0   96.0   94.0   92.0   90.0   88.0   86.0

Average Nucleotide Identity (ANI)

Primary cluster 957

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

MEGAHIT-MetaBAT2-group-0.93_misob2.fa *

DeFilippisF_xxxx__DS_53__bin.1.fa *

DeFilippisF_xxxx__DS_13__bin.14.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

Primary cluster 964

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

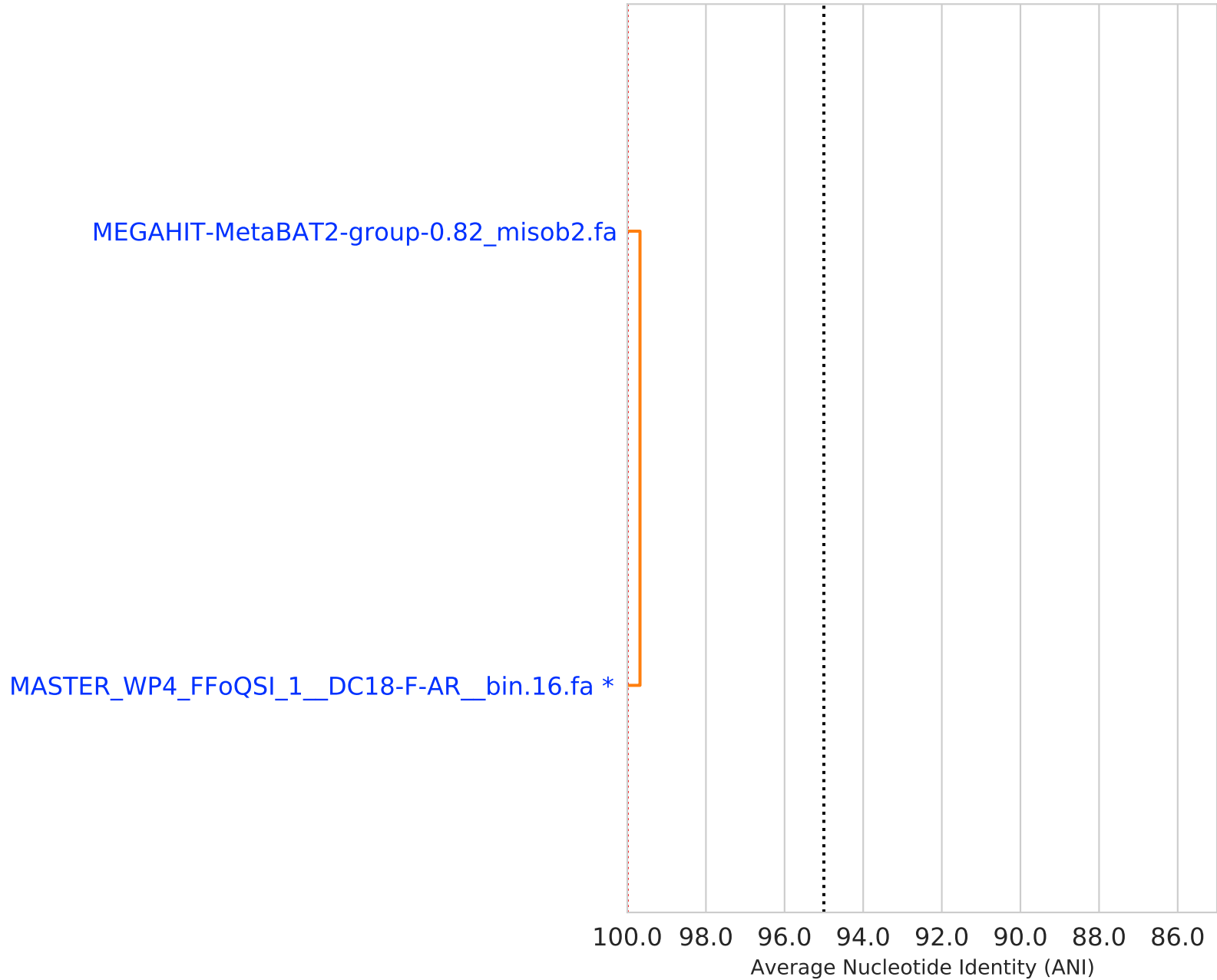MEGAHIT-CONCOCT-group-0_62_misob2.fa

DeFilippisF_xxxx__DF_121__bin.6.fa *

Average Nucleotide Identity (ANI)

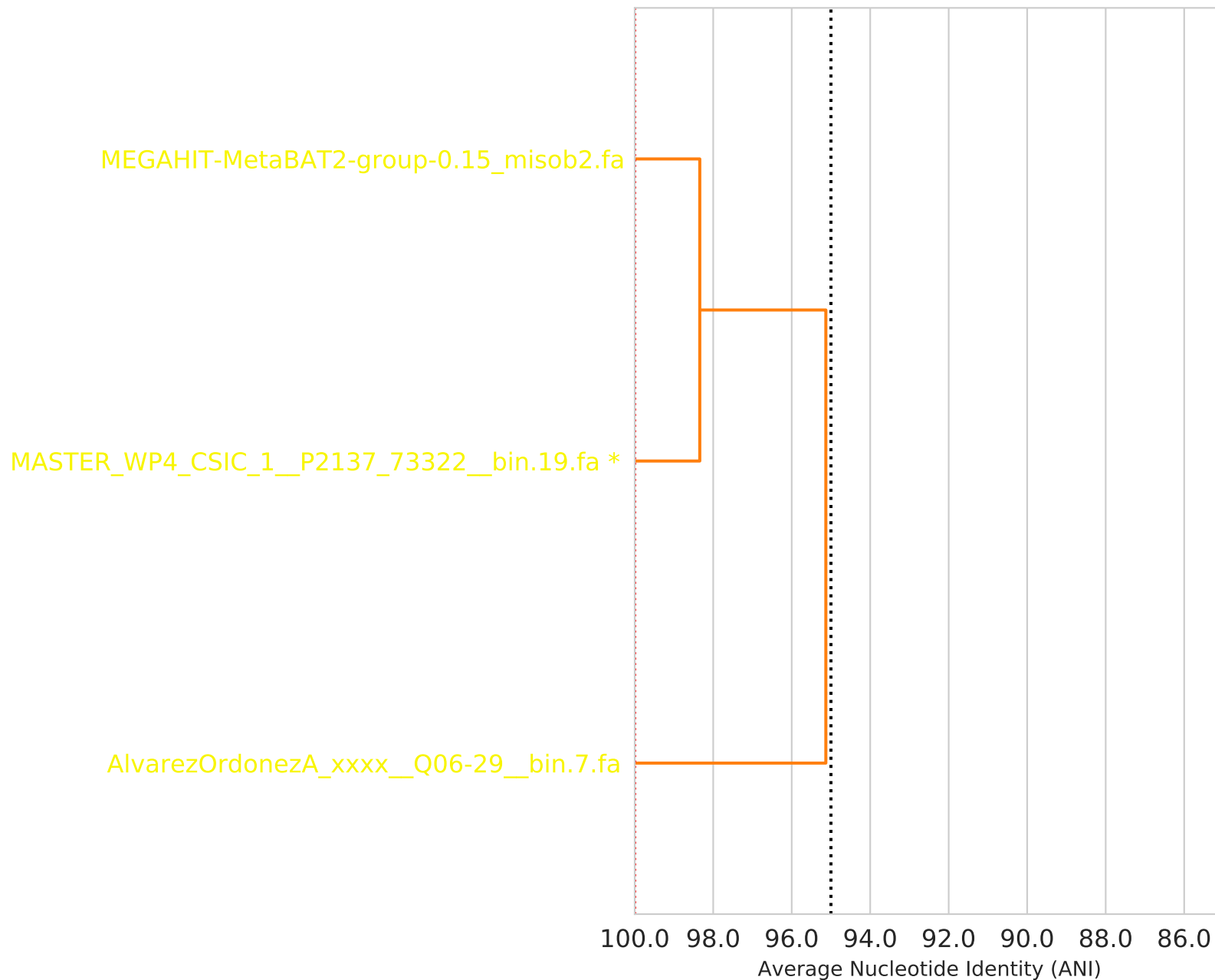# Primary cluster 965

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

MEGAHIT-MetaBAT2-group-0.6_misob2.fa *

AlvarezOrdonezA_xxxx__Q06-25__bin.5.fa

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0
Average Nucleotide Identity (ANI)

Primary cluster 966

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

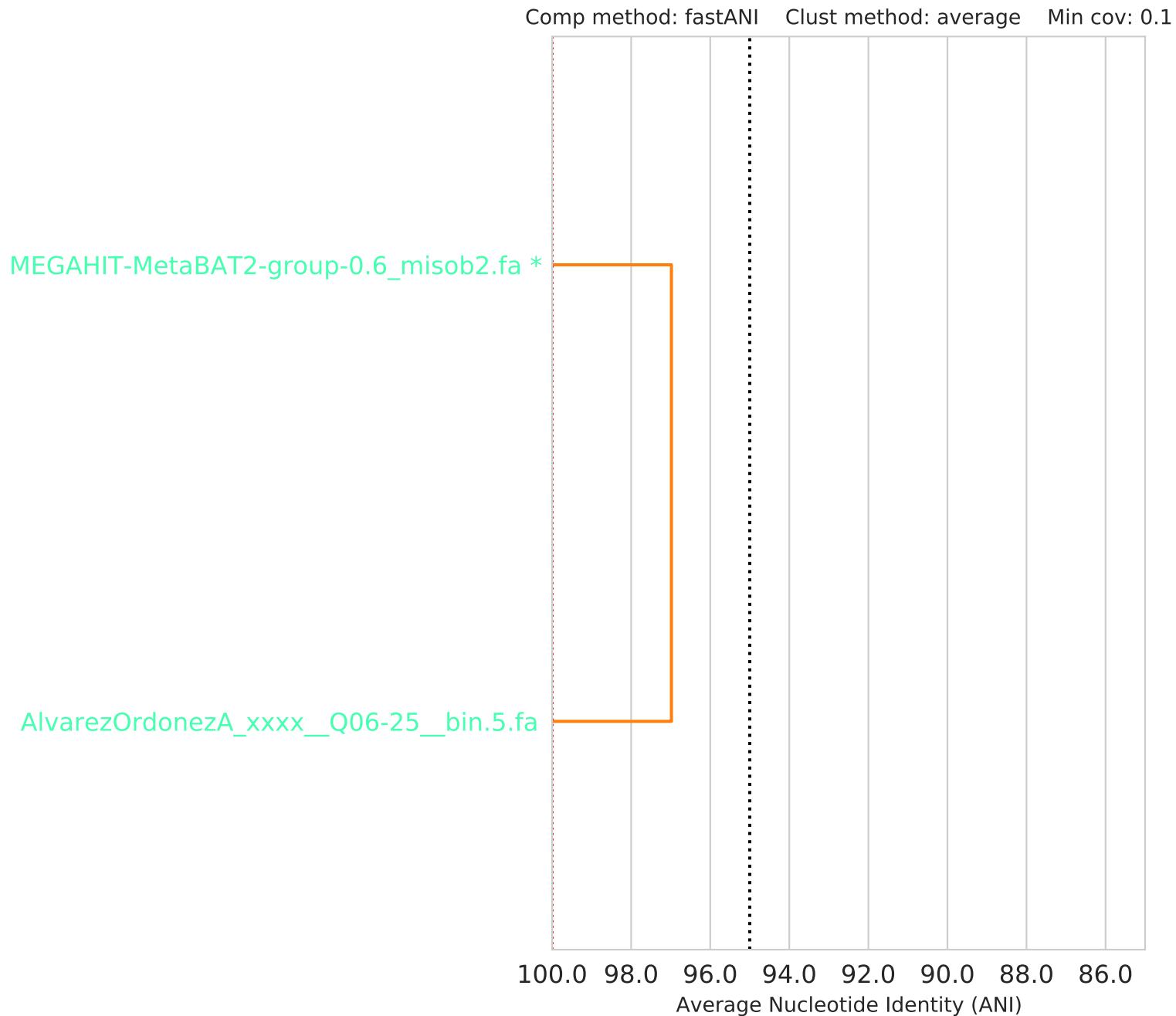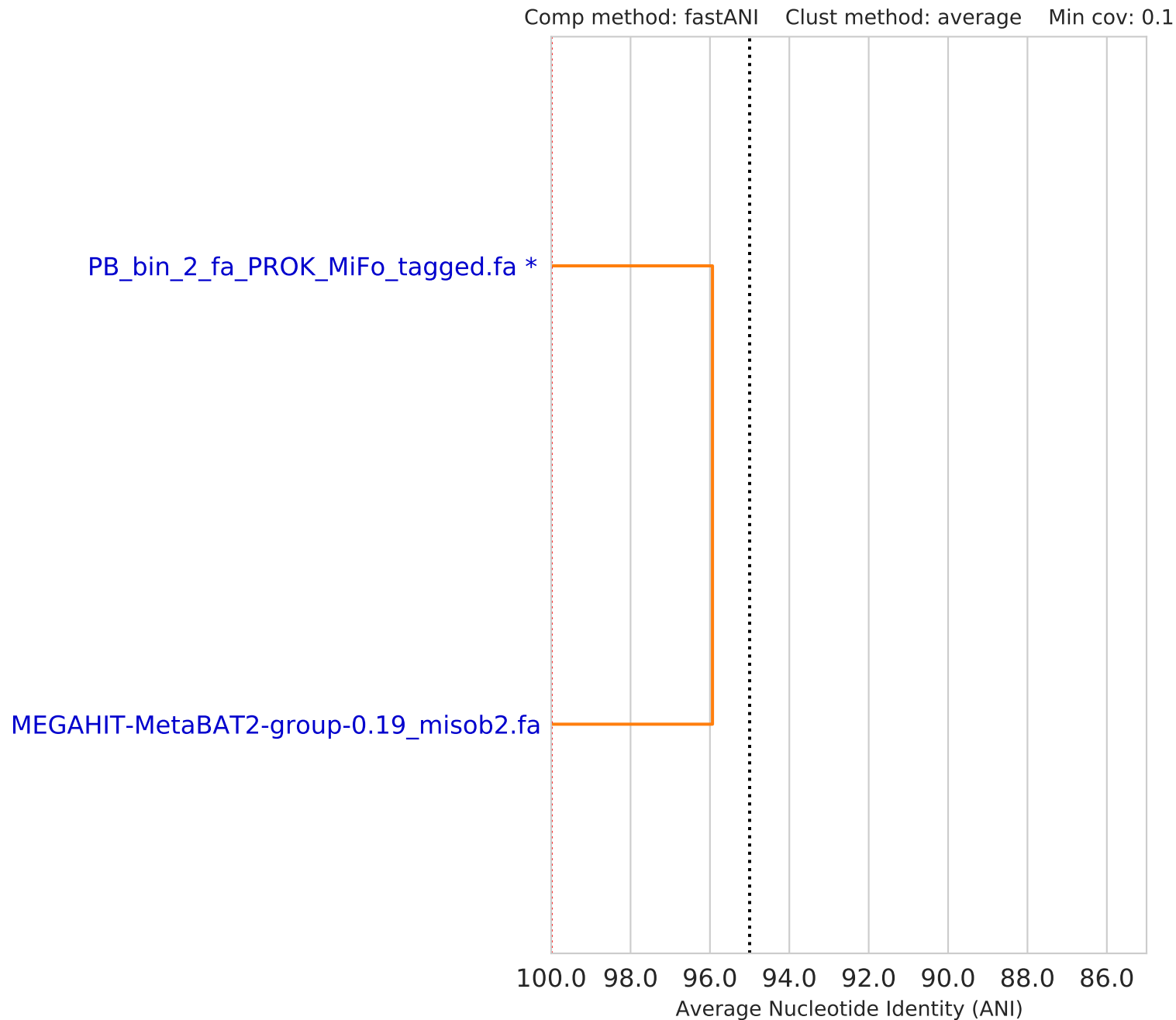PB_bin_2_fa_PROK_MiFo_tagged.fa *

MEGAHIT-MetaBAT2-group-0.19_misob2.fa

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)

Primary cluster 990
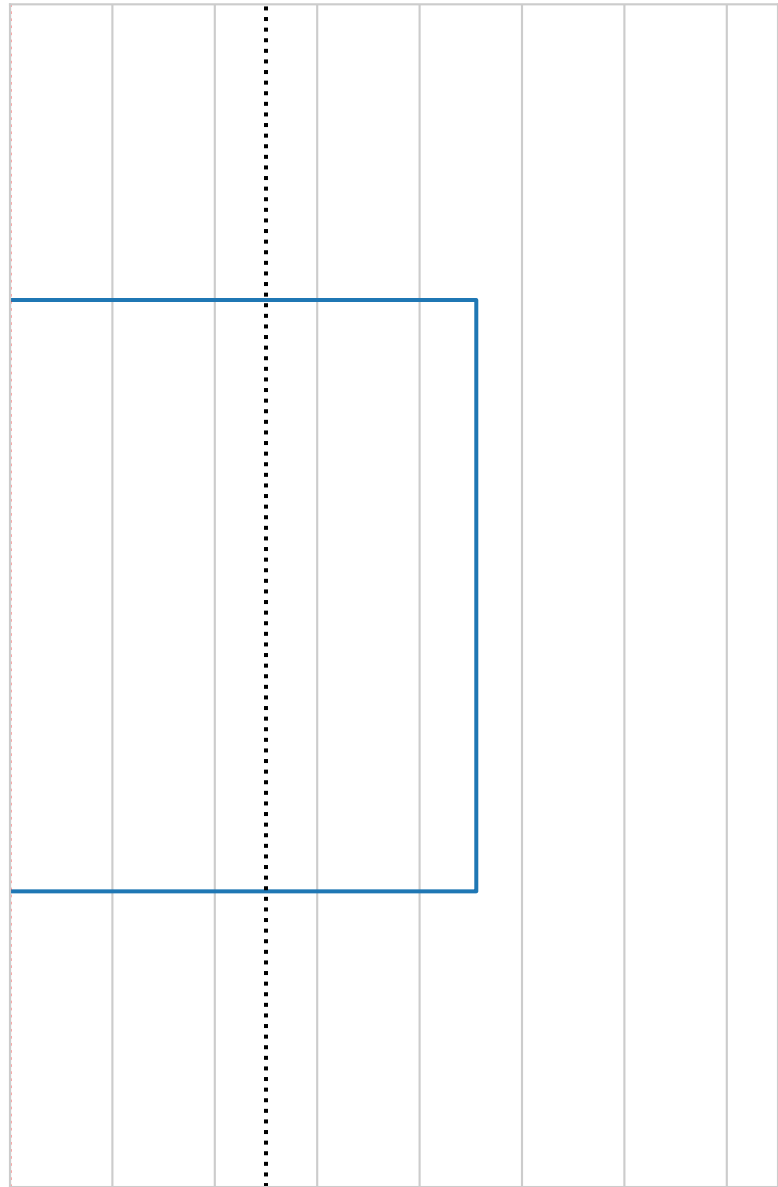
Comp method: fastANI   Clust method: average   Min cov: 0.1

LiZ_2018__SRS2920550__bin.21.fa *

LeechJ_xxxx__AF47__bin.4.fa *

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0
Average Nucleotide Identity (ANI)

Primary cluster 996

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

MEGAHIT-MetaBAT2-group-0.66_misob2.fa *

MASTER_WP4_CSIC_1__P2233_73323__bin.4.fa

100.0 98.0 96.0 94.0 92.0 90.0 88.0 86.0

Average Nucleotide Identity (ANI)