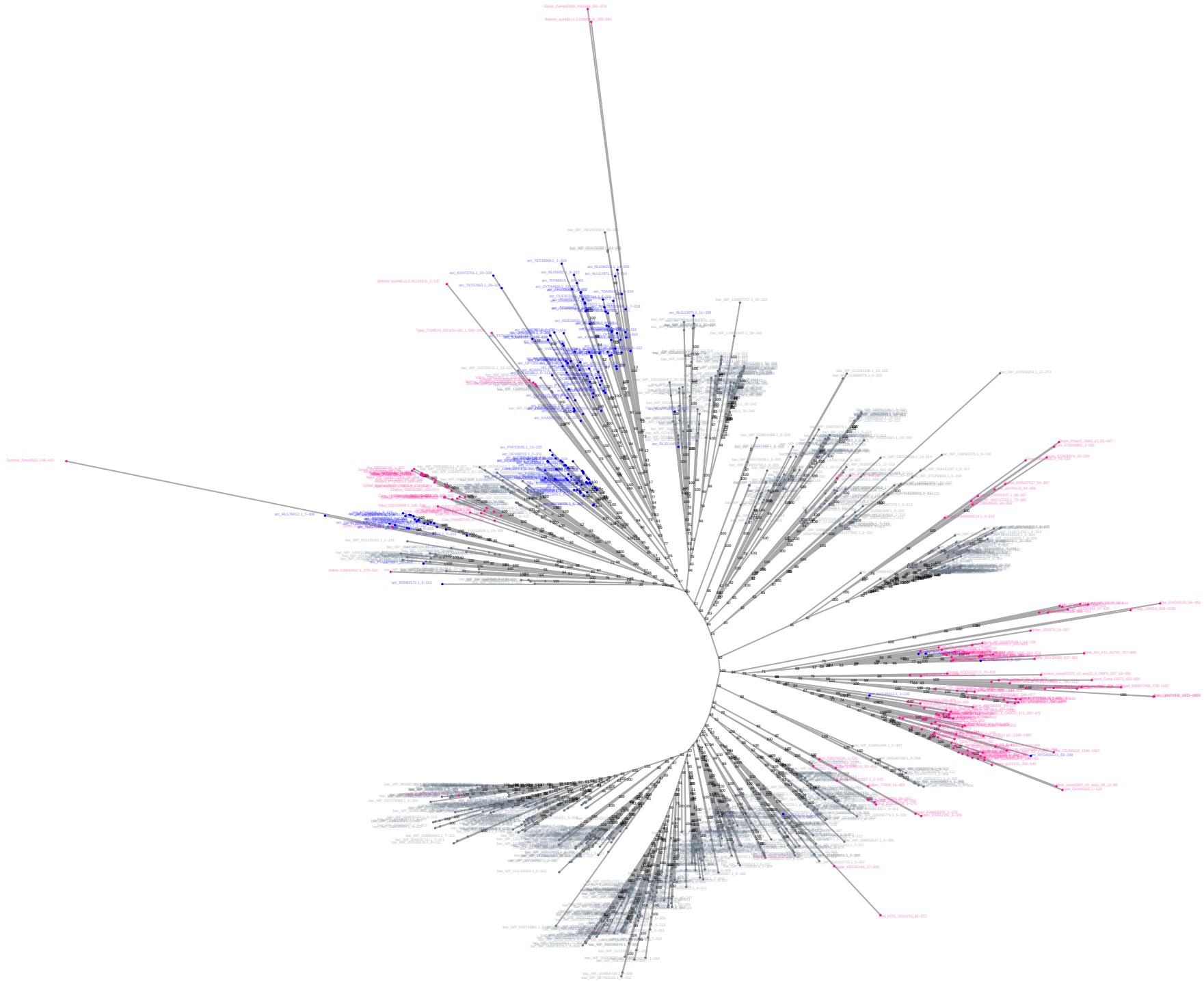
Hist_deacetyl
euk.Hist_deacetyl.phy.HG1.seqs.iqtree.treefile
n=1200 sequences

eukaryotes
archaea
bacteria

1

Hist_deacetyl.HG1.3:like:HDAC4/HDAC5/HDAC6/HDAC7/HDAC9/HDAC10:likeclu:19 n = 52
Hist_deacetyl.HG1.11:like:HDAC4/HDAC5/HDAC6/HDAC7/HDAC9/HDAC10:likeclu:19 n = 28
Hist_deacetyl.HG1.5:like:HDAC4/HDAC5/HDAC6/HDAC7/HDAC9/HDAC10:likeclu:19 n = 23
Hist_deacetyl.HG1.0:like:HDAC4/HDAC5/HDAC6/HDAC7/HDAC9/HDAC10:likeclu:19 n = 12
Hist_deacetyl.HG1.1:like:HDAC4/HDAC5/HDAC6/HDAC7/HDAC9/HDAC10:likeclu:19 n = 12
Hist_deacetyl.HG1.10:like:HDAC4/HDAC5/HDAC6/HDAC7/HDAC9/HDAC10:likeclu:19 n = 10
other n = 42

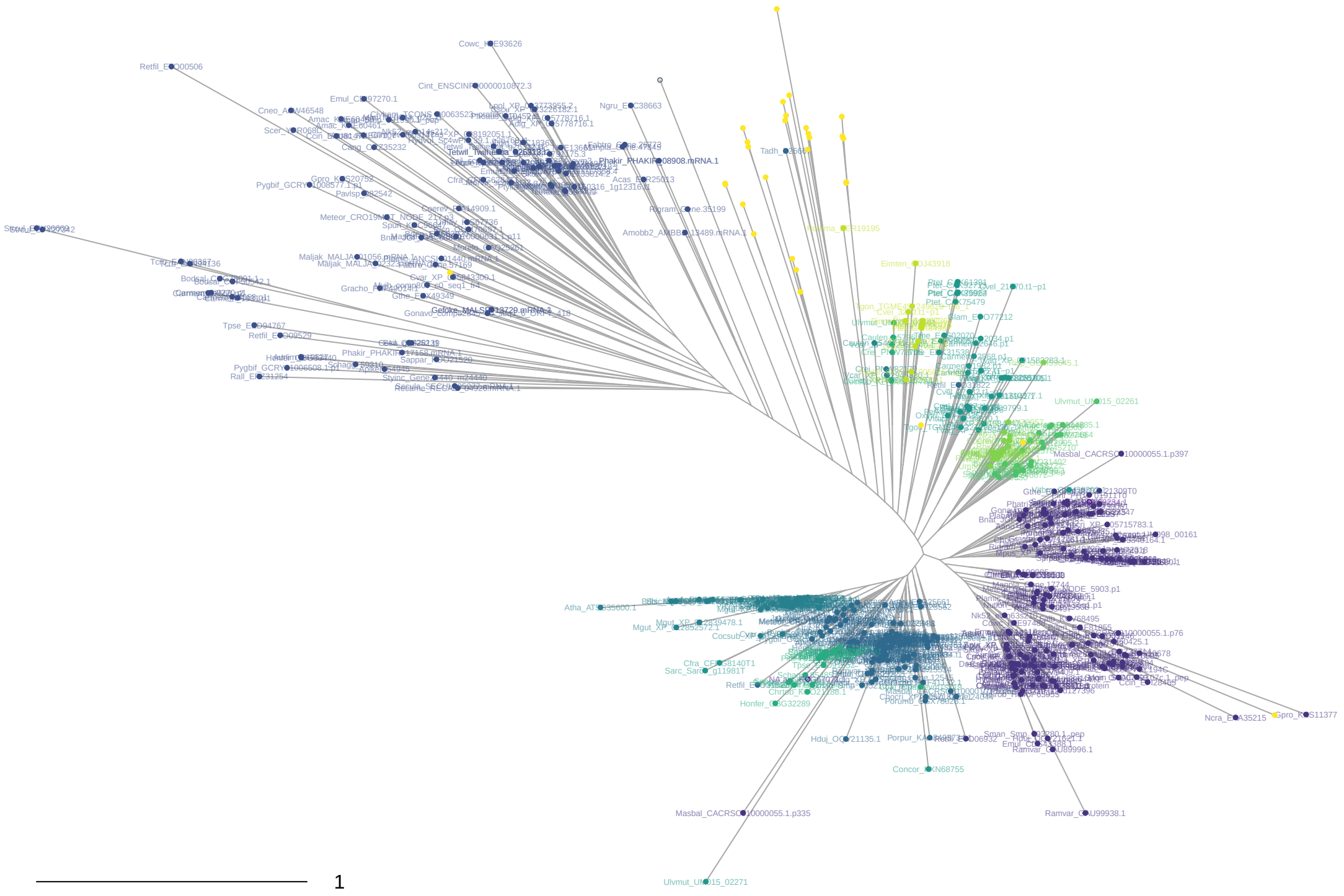
Aenigmarchaeota n = 1
Altiarchaeota n = 10
Bathyarchaeota n = 12
Crenarchaeota n = 12
Euryarchaeota n = 90
Heimdallarchaeota n = 1
Hydrothermarchaeota n = 1
Korarchaeota n = 1
Lokiarchaeota n = 3
NA n = 16
Nezhaarchaeota n = 1
Thorarchaeota n = 13
Verstraetearchaeota n = 1



1

Hist_deacetyl
euk.Hist_deacetyl.phy.HG2.seqs.iqtree.treefile
n=570 sequences

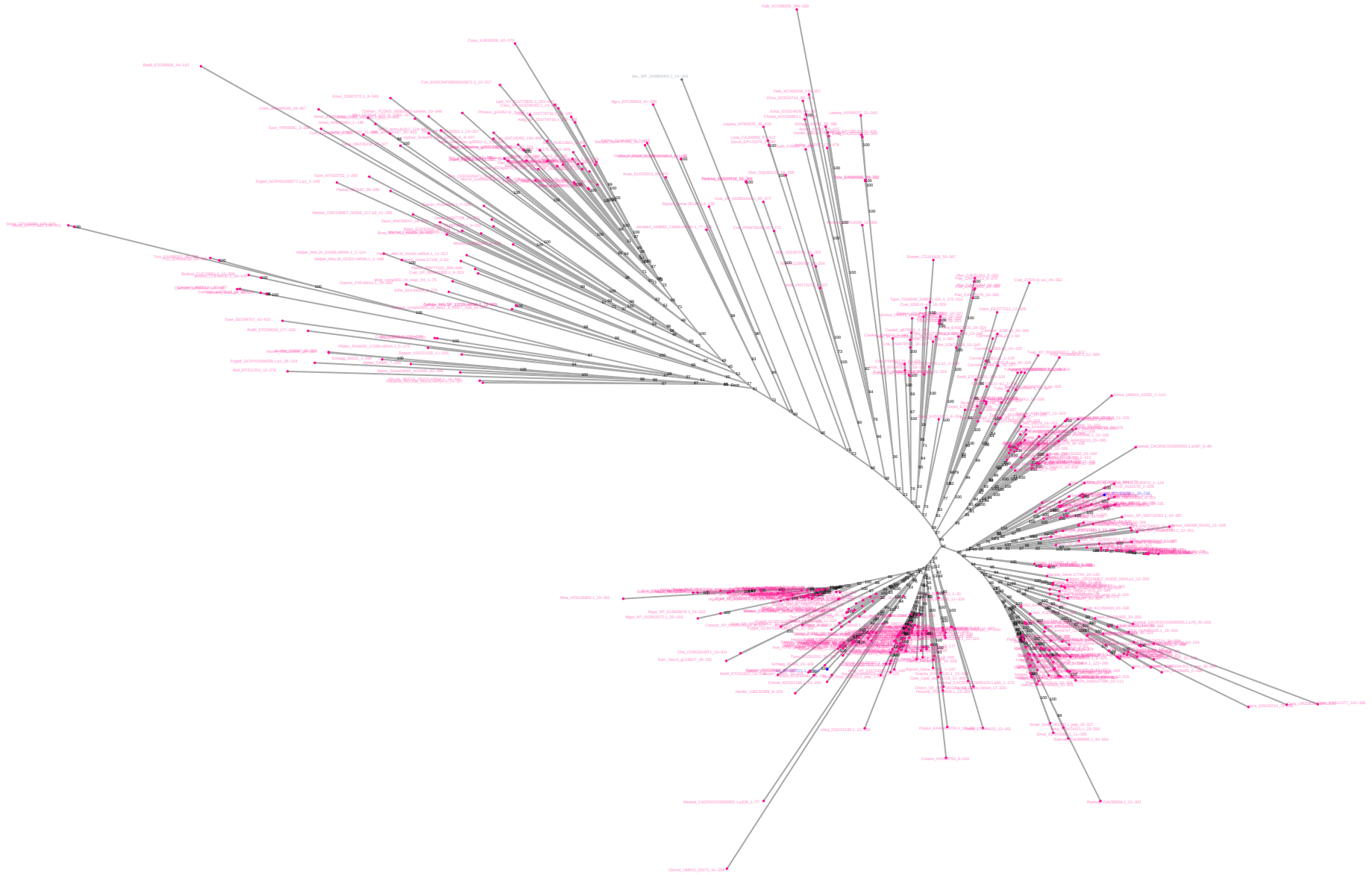
eukaryotes
archaea
bacteria



1

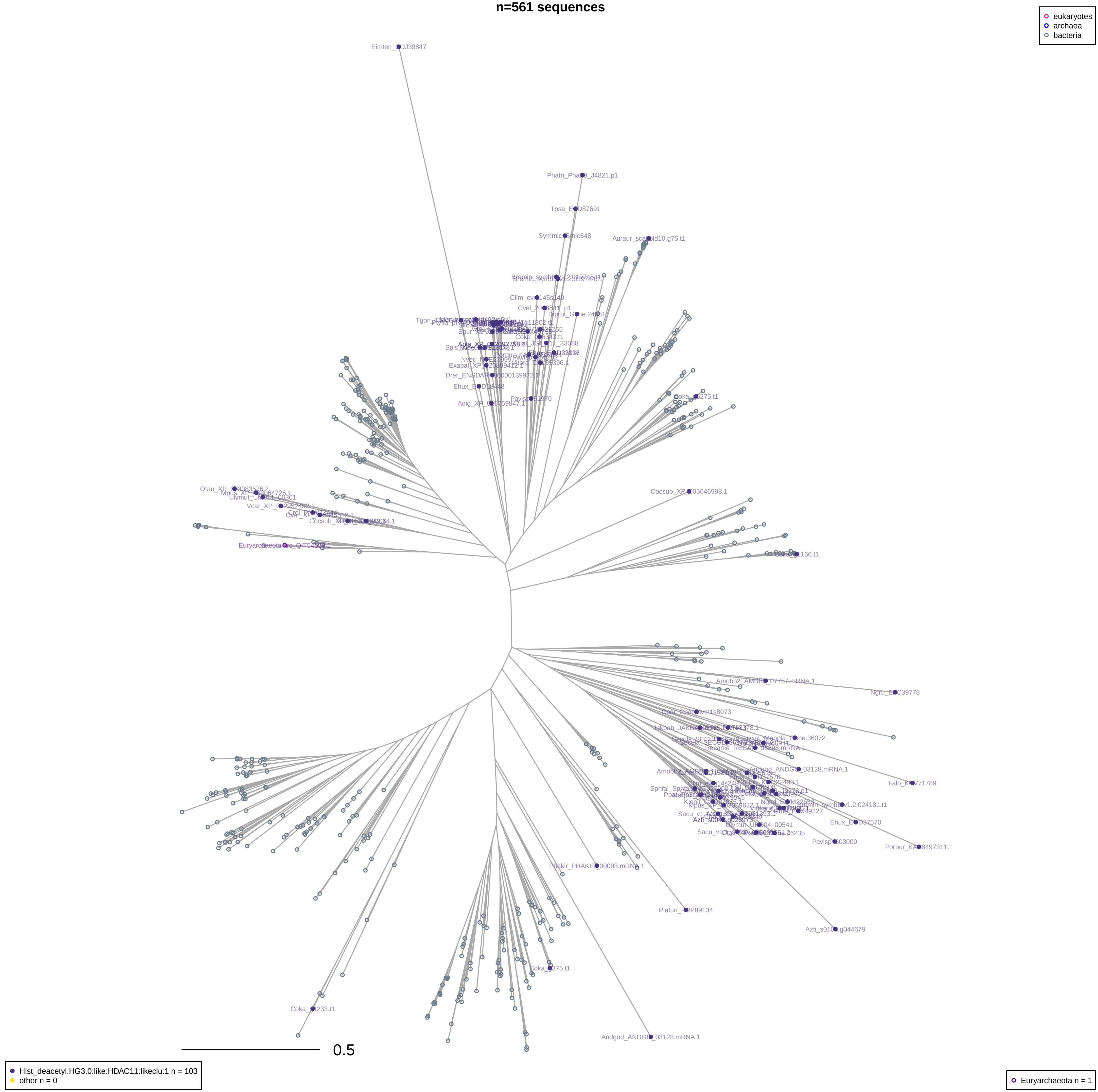
Hist_deacetyl.HG2.8:HDAC3 n = 165
Hist_deacetyl.HG2.0:AL133500.1/HDAC8 n = 107
Hist_deacetyl.HG2.14:HDAC1/HDAC2 n = 105
Hist_deacetyl.HG2.10:like:HDAC1/HDAC2:likeclu:14 n = 44
Hist_deacetyl.HG2.7:like:HDAC1/HDAC2/HDAC3:likeclu:8/14 n = 38
Hist_deacetyl.HG2.13:like:HDAC1/HDAC2:likeclu:14 n = 26
Hist_deacetyl.HG2.12:like:HDAC1/HDAC2/HDAC3:likeclu:8/14 n = 22
Hist_deacetyl.HG2.9:like:HDAC1/HDAC2/HDAC3:likeclu:8/14 n = 18
Hist_deacetyl.HG2.6:like:HDAC1/HDAC2/HDAC3:likeclu:8/14 n = 13
other n = 29

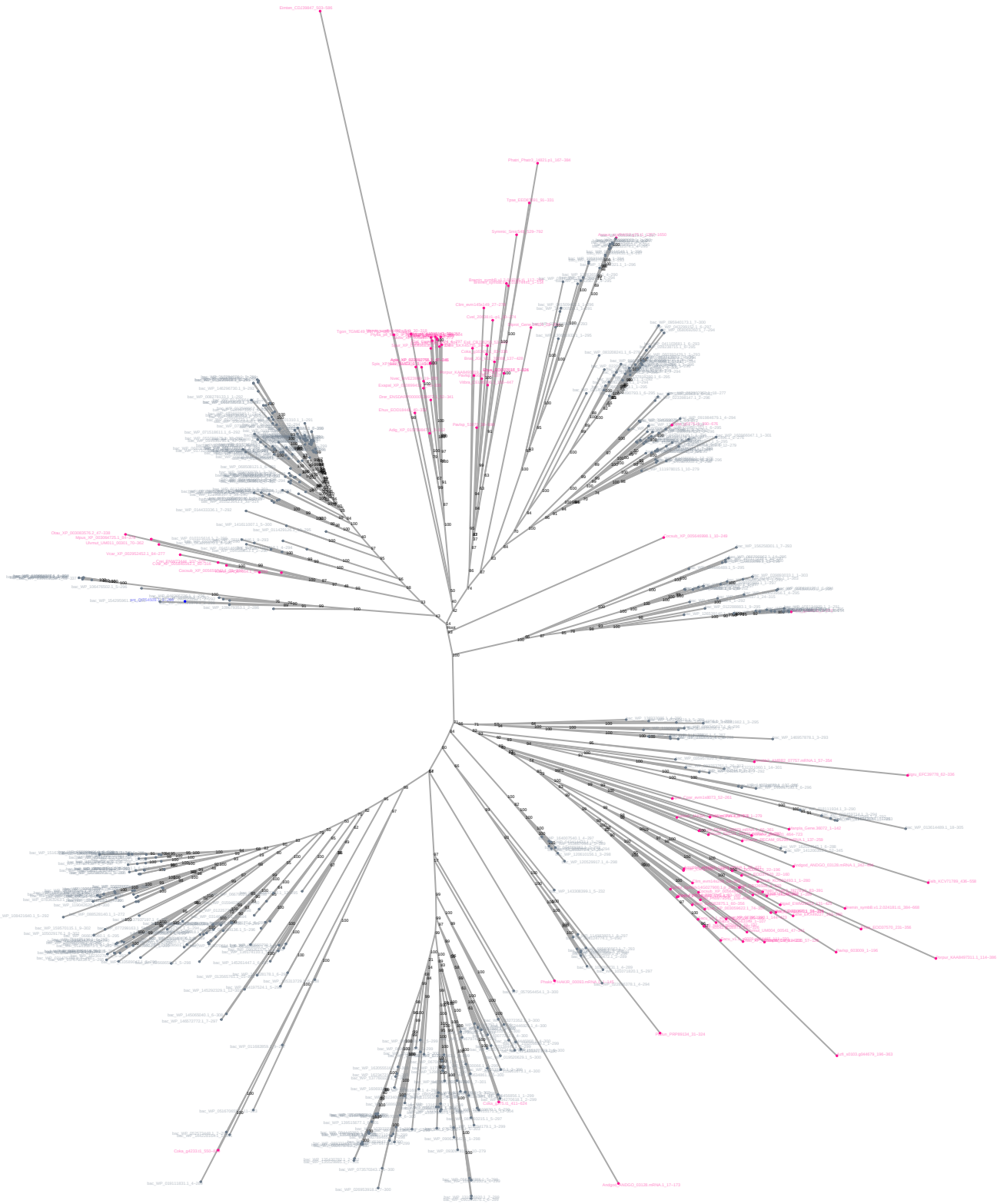
NA n = 2



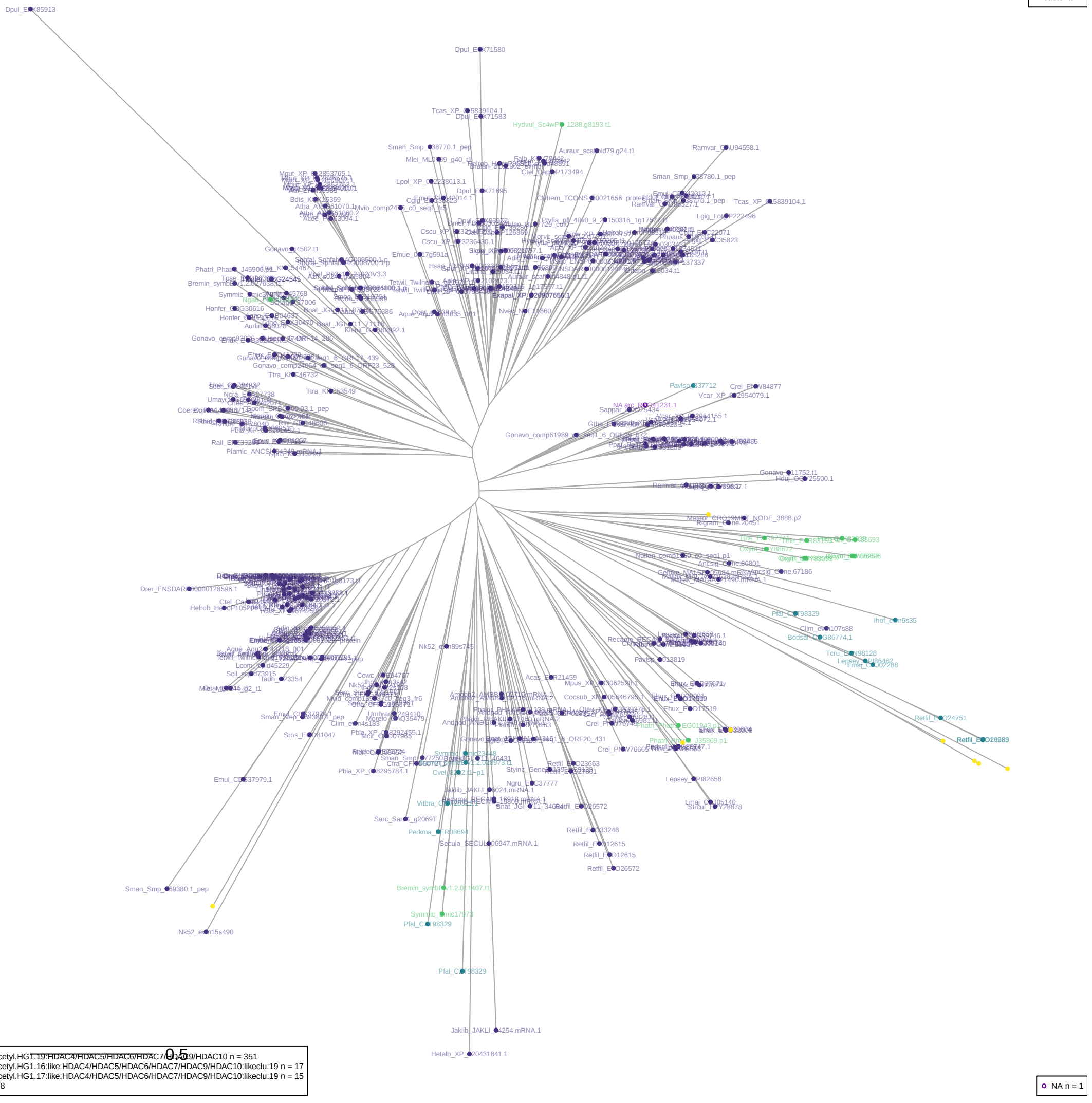
1

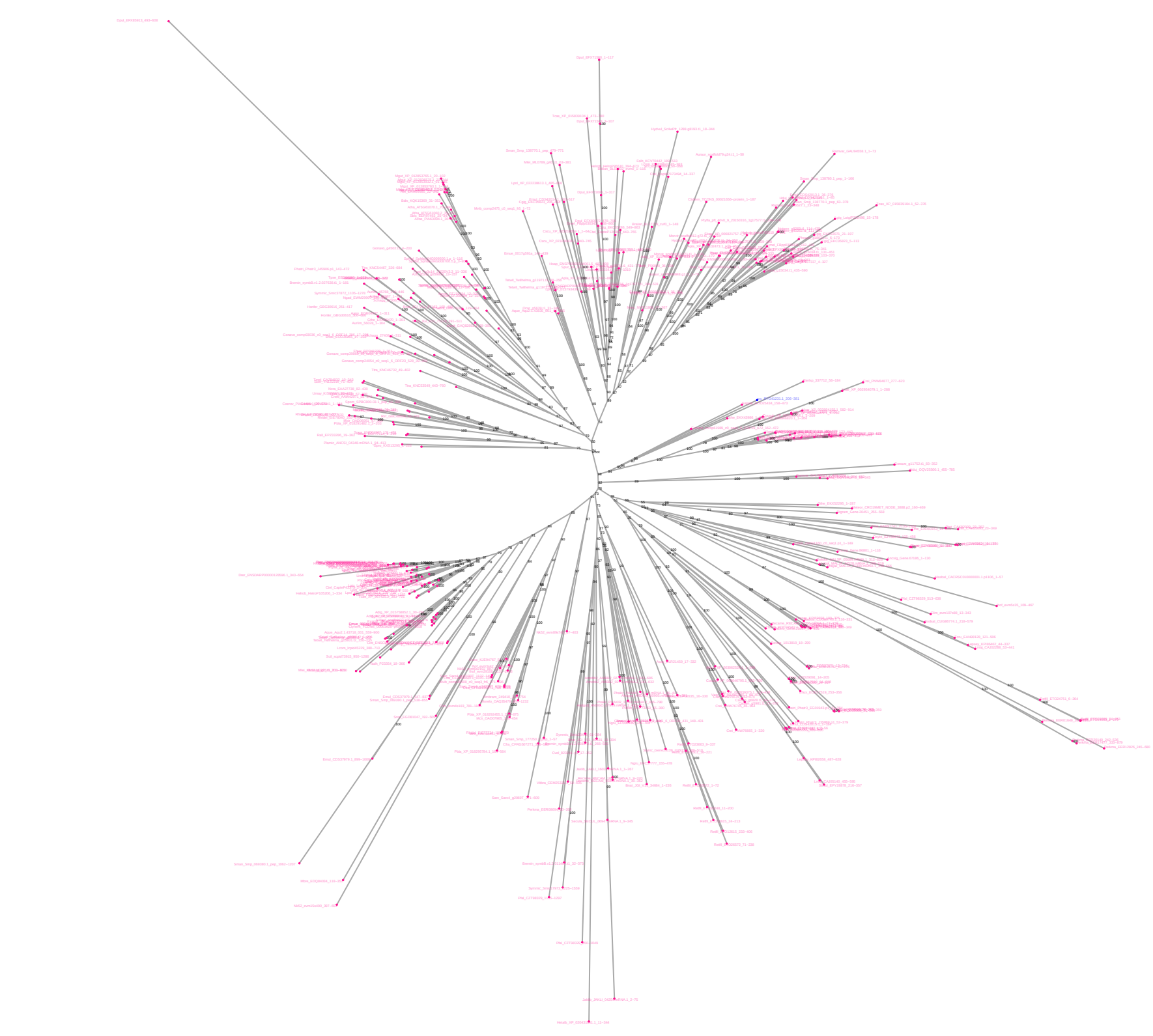
Hist_deacetyl
euk.Hist_deacetyl.phy.HG3.seqs.iqtree.treefile
n=561 sequences




0.5

Hist_deacetyl
euk.Hist_deacetyl.phy.HG4.seqs.iqtree.treefile
n=393 sequences




0.5

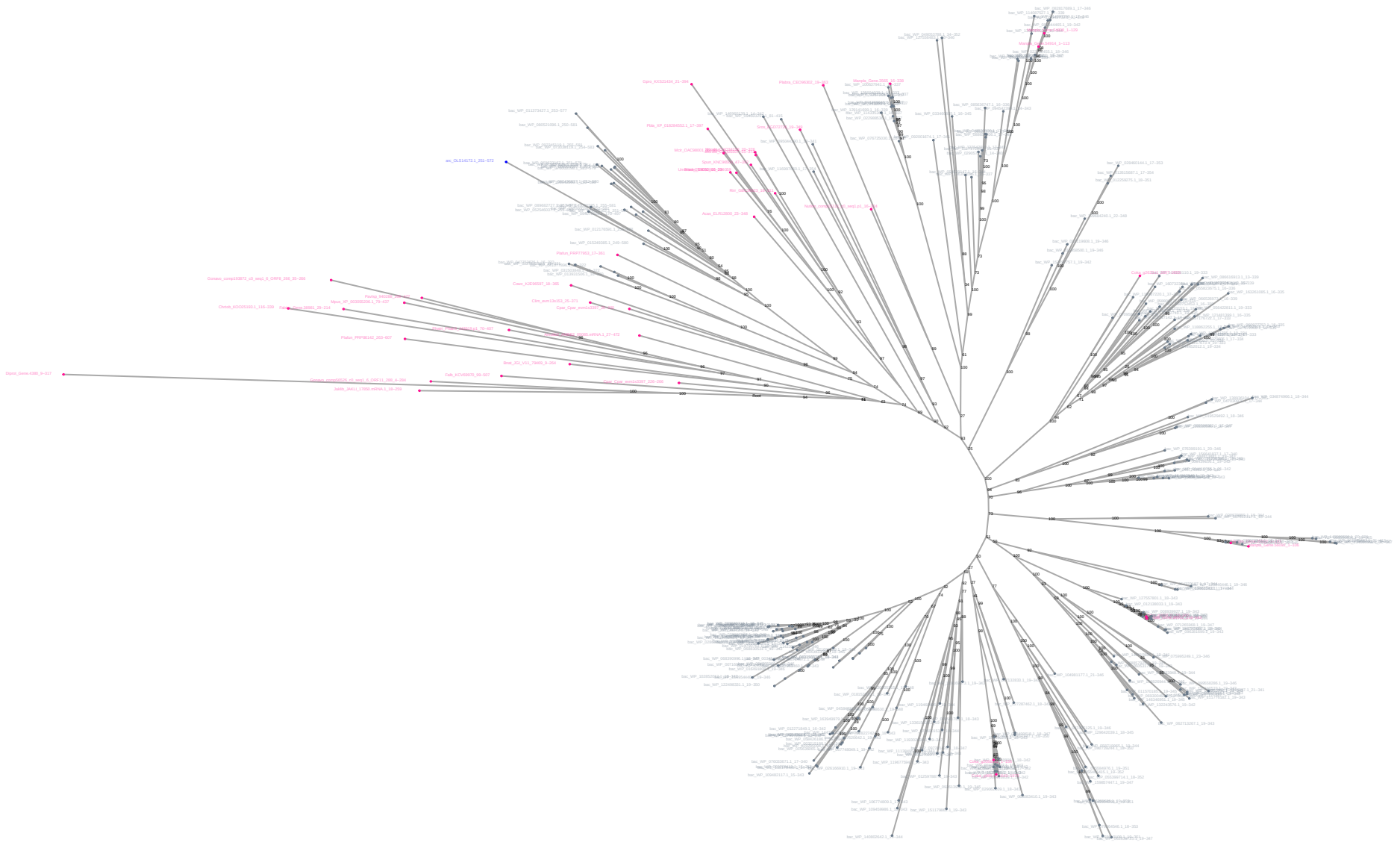
Hist_deacetyl
euk.Hist_deacetyl.phy.HG6.seqs.iqtree.treefile
n=317 sequences

eukaryotes
archaea
bacteria

1

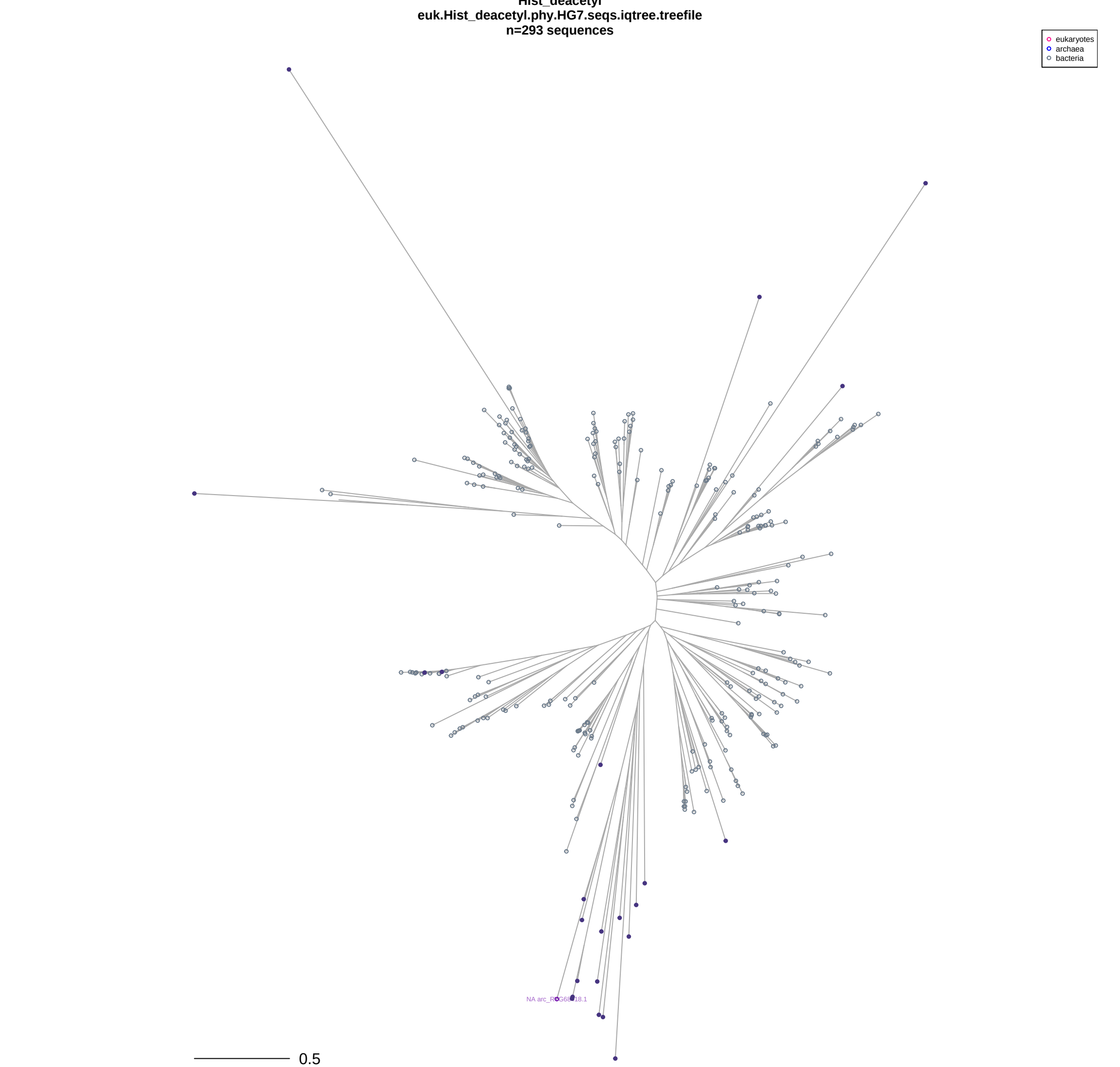
Hist_deacetyl.HG1.12:like:HDAC4/HDAC5/HDAC6/HDAC7/HDAC9/HDAC10:likeclu:19 n = 40
other n = 1

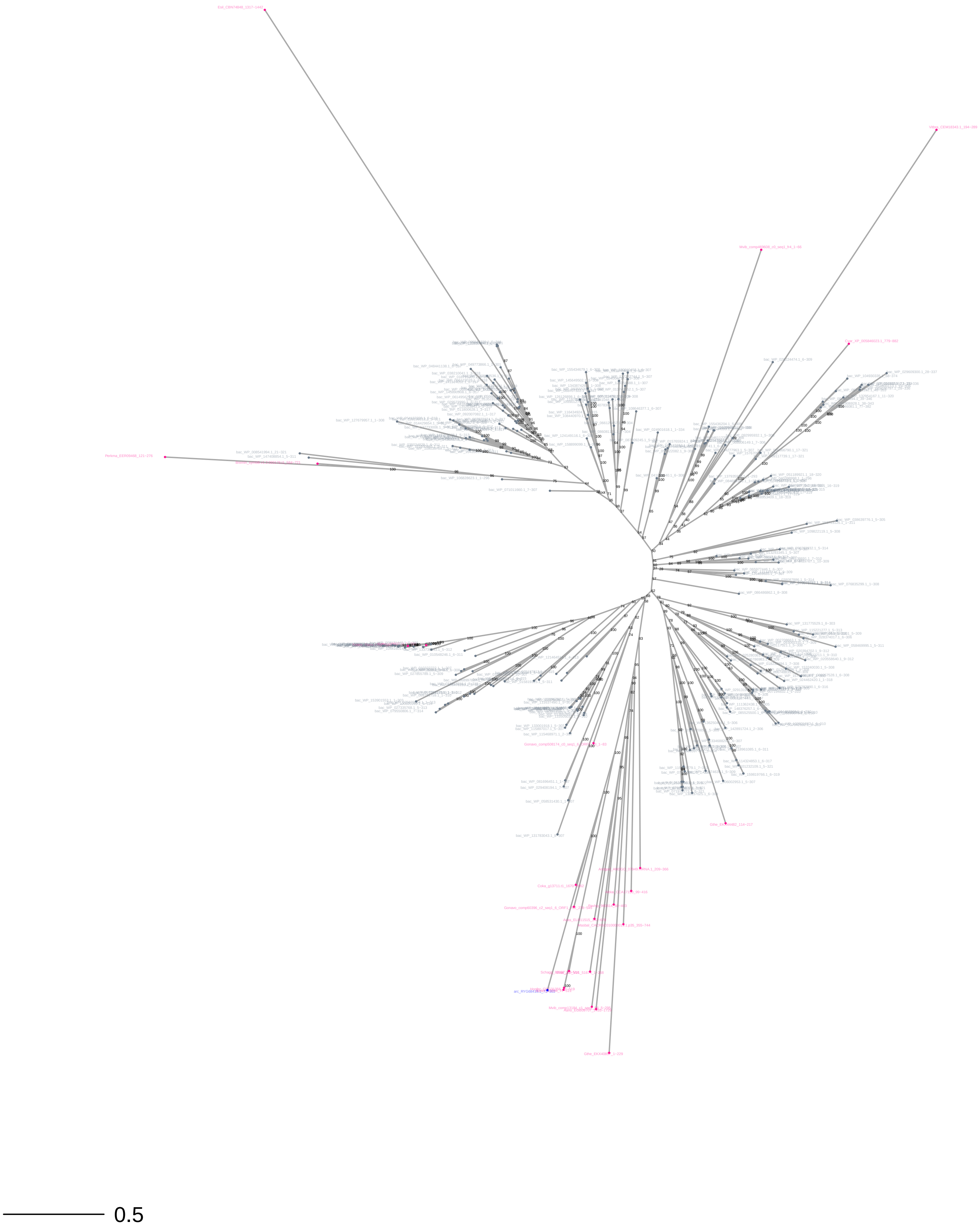
Lokiarchaeota n = 1



1

Hist_deacetyl
euk.Hist_deacetyl.phy.HG7.seqs.iqtree.treefile
n=293 sequences

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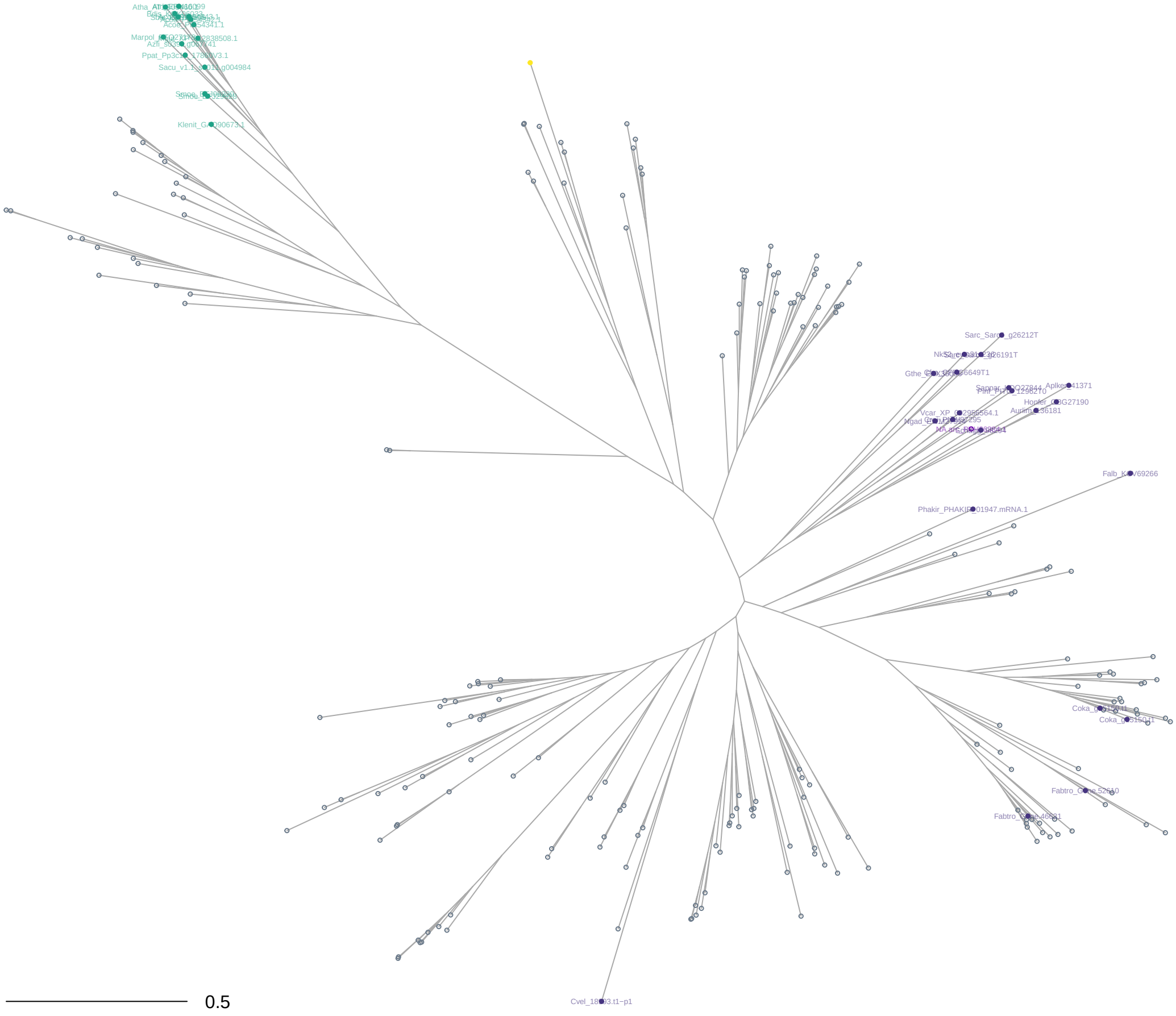
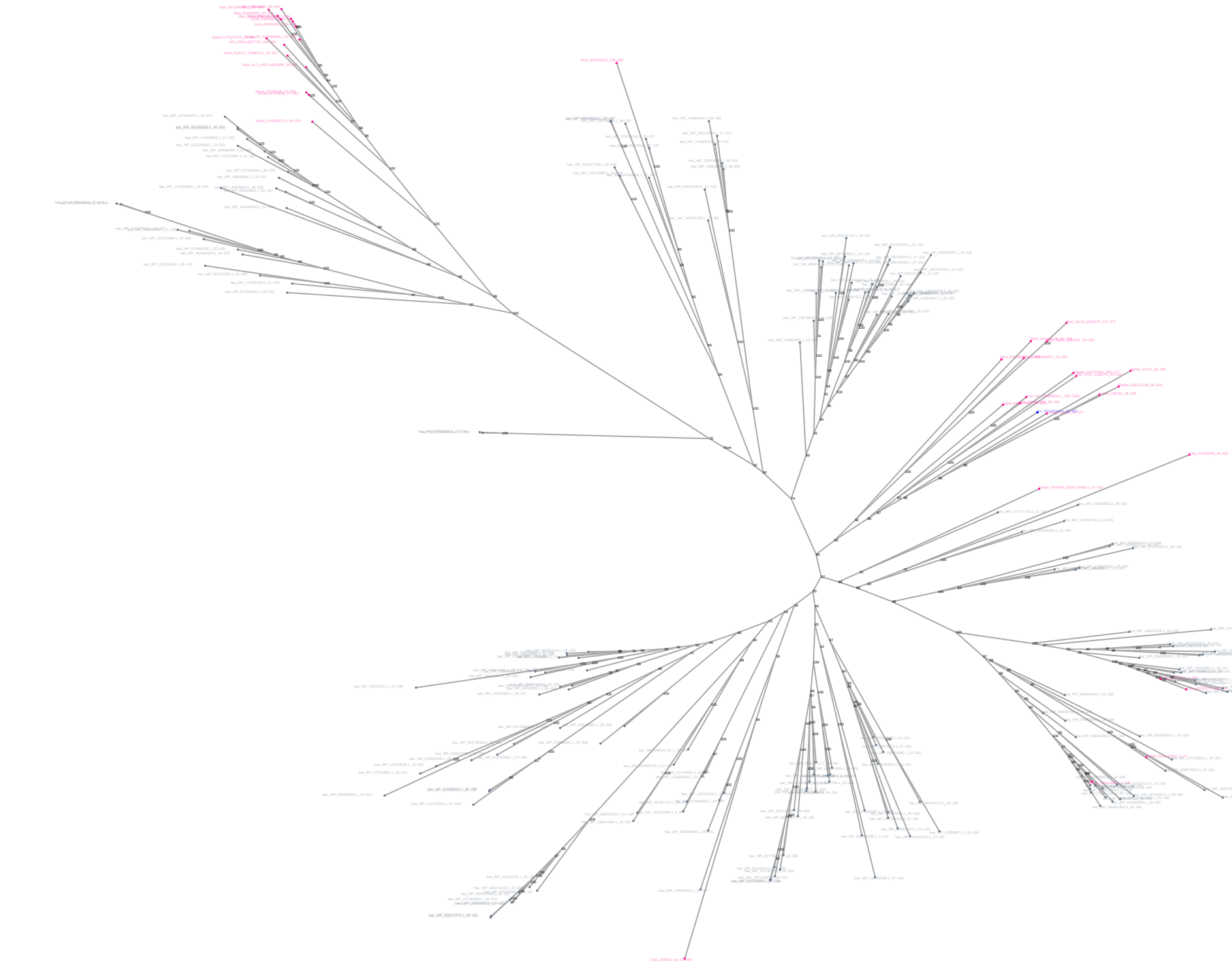
Hist_deacetyl
euk.Hist_deacetyl.phy.HG8.seqs.iqtree.treefile
n=238 sequences

eukaryotes
archaea
bacteria



Hist_deacetyl.HG1.13:like:HDAC4/HDAC5/HDAC6/HDAC7/HDAC9/HDAC10:likeclu:19 n = 21
Hist_deacetyl.HG1.12:like:HDAC4/HDAC5/HDAC6/HDAC7/HDAC9/HDAC10:likeclu:19 n = 15
other n = 1

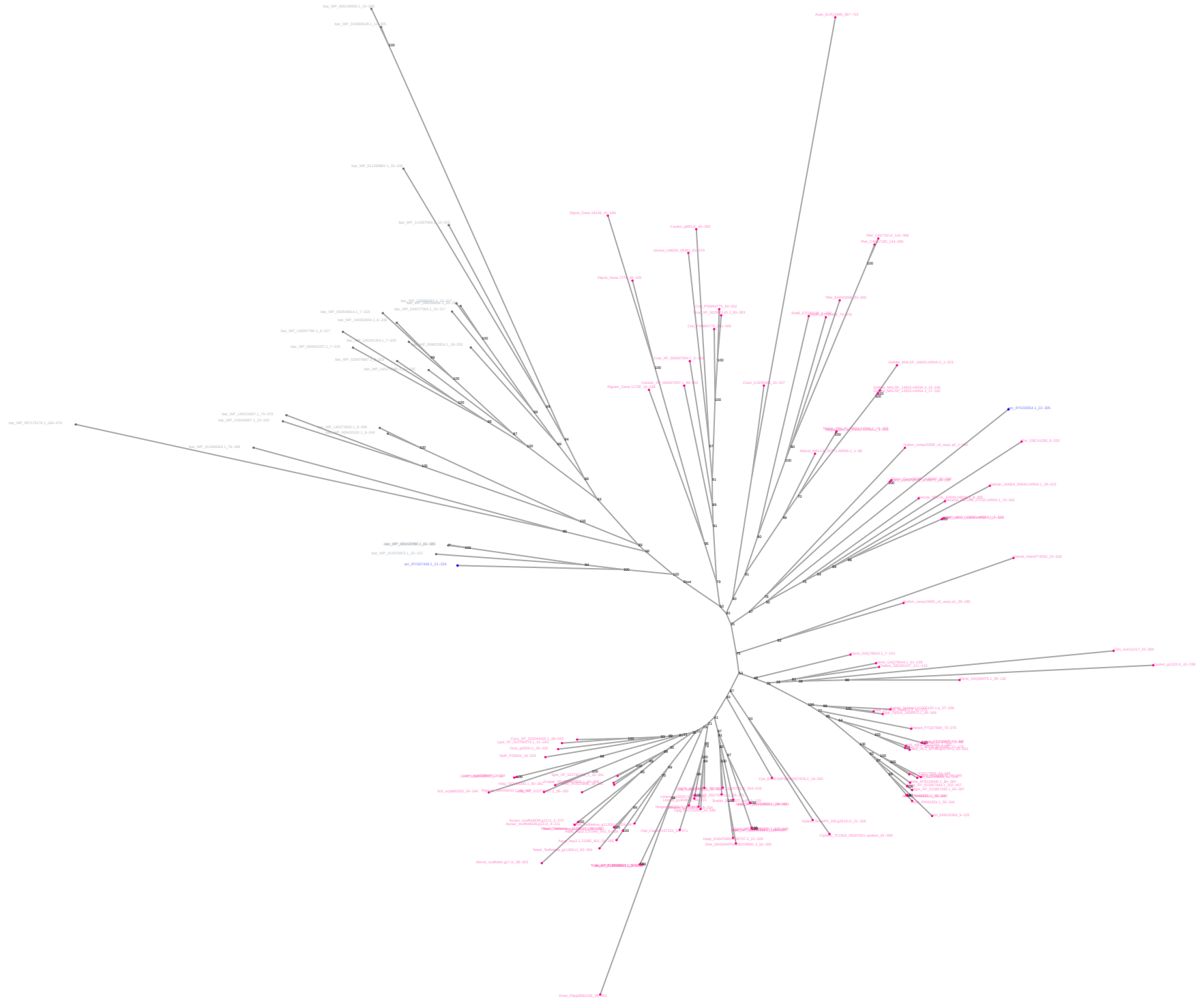
NA n = 1



0.5

Hist_deacetyl
euk.Hist_deacetyl.phy.HG9.seqs.iqtree.treefile
n=131 sequences

eukaryotes
archaea
bacteria


0.5