

## Dendrogram of cgMLST analysis (based on 216 loci)

Akkermansia muciniphila am\_0171 (GCA\_004168105.1)  
Akkermansia muciniphila EB-AMDK-19 (GCA\_004015105.1)  
Akkermansia muciniphila BIOML-A45 (GCA\_008422615.1)  
Akkermansia muciniphila BIOML-A44 (GCA\_008422635.1)  
Akkermansia muciniphila BIOML-A43 (GCA\_008422665.1)  
Akkermansia muciniphila BIOML-A39 (GCA\_008422685.1)  
Akkermansia muciniphila BIOML-A41 (GCA\_008422695.1)  
**Akkermansia muciniphila BIOML-A40 (GCA\_008422705.1)**  
Akkermansia muciniphila BIOML-A42 (GCA\_008422715.1)  
Akkermansia muciniphila BIOML-A36 (GCA\_008422765.1)  
Akkermansia muciniphila BIOML-A37 (GCA\_008422775.1)  
Akkermansia muciniphila BIOML-A35 (GCA\_008422795.1)  
Akkermansia muciniphila BIOML-A34 (GCA\_008422805.1)  
Akkermansia muciniphila BIOML-A38 (GCA\_008422815.1)  
Akkermansia muciniphila BIOML-A32 (GCA\_008422865.1)  
Akkermansia muciniphila BIOML-A30 (GCA\_008422875.1)  
Akkermansia muciniphila BIOML-A31 (GCA\_008422895.1)  
Akkermansia muciniphila BIOML-A29 (GCA\_008422925.1)  
Akkermansia muciniphila BIOML-A27 (GCA\_008422965.1)  
Akkermansia muciniphila BIOML-A26 (GCA\_008422985.1)

0.001000.000750.000500.000250.000000