

## Dendrogram of cgMLST analysis (based on 516 loci)

Bacteroides ovatus SD CMC 3f (GCA\_000178275.1)  
Bacteroides ovatus BFG-107 (GCA\_020091525.1)  
Bacteroides ovatus BFG-111 (GCA\_024788845.1)  
Bacteroides ovatus Map\_57\_005 (GCA\_022728335.1)  
Bacteroides ovatus B8\_h1001262B\_191106 (GCA\_028399745.1)  
Bacteroides ovatus 1001262B\_160229\_F6 (GCA\_015551835.1)  
Bacteroides ovatus 1001254j\_160919\_H11 (GCA\_015552185.1)  
Bacteroides ovatus D40t1\_170626\_B4 (GCA\_015555955.1)  
Bacteroides ovatus D40st1\_C6\_D40t1\_170626 (GCA\_028400985.1)  
Bacteroides ovatus D1\_m1001713B170214d0\_201011 (GCA\_028400325.1)  
Bacteroides ovatus A3\_m1001713B170214d0\_201011 (GCA\_028399885.1)  
Bacteroides ovatus Map\_188\_017 (GCA\_022747525.1)  
Bacteroides ovatus MCC138 (GCA\_018785965.1)  
Bacteroides ovatus AM52-3BH (GCA\_027669195.1)  
Bacteroides ovatus 115 (GCA\_918270795.1)  
Bacteroides ovatus BSD2780061687b\_171204\_C3 (GCA\_015550085.1)  
**Bacteroides ovatus BSD2780061687st2\_H2\_BSD2780061687b\_171204 (GCA\_028401285.1)**  
Bacteroides ovatus S101\_1 (GCA\_030928685.1)  
Bacteroides ovatus BJH\_28 (GCA\_021410685.1)  
Bacteroides ovatus BFG-185 (GCA\_024793185.1)