

## Dendrogram of cgMLST analysis (based on 91 loci)

### **Parabacteroides goldsteinii MGBC137092 (GCA\_949038925.1)**

Parabacteroides goldsteinii MGBC136895 (GCA\_949005815.1)

Parabacteroides goldsteinii extra-SRR7761333.26\_1677801566 (GCA\_949519145.1)

Parabacteroides goldsteinii 0.1X-D42-15 (GCA\_003670235.1)

Parabacteroides goldsteinii dnLKV18 (GCA\_000403825.2)

Parabacteroides goldsteinii 526-21 (GCA\_009911535.1)

Parabacteroides goldsteinii MD072 (GCA\_010206235.1)

Parabacteroides goldsteinii MTS01 (GCA\_017873595.1)

Parabacteroides goldsteinii S9\_Bin1 (GCA\_021768555.1)

Parabacteroides goldsteinii A19\_11.PG.DSS (GCA\_910574435.1)

Parabacteroides goldsteinii 7.PG.Ymh (GCA\_910574575.1)

Parabacteroides goldsteinii Parabacteroides\_goldsteinii\_DSM111136 (GCA\_932751185.1)

Parabacteroides goldsteinii ERR8099108\_bin.24\_metawrap\_v1.3\_MAG (GCA\_947038275.1)

Parabacteroides goldsteinii ERR899286\_bin.40\_metawrap\_v1.3\_MAG (GCA\_947061905.1)

Parabacteroides goldsteinii SRR19524216\_bin.3\_metawrap\_v1.3\_MAG (GCA\_947256815.1)

Parabacteroides goldsteinii SRR14836543\_bin.5\_metawrap\_v1.3\_MAG (GCA\_947364385.1)

Parabacteroides goldsteinii SRR15431177\_bin.9\_metawrap\_v1.3\_MAG (GCA\_947367975.1)

Parabacteroides goldsteinii SRR15604522\_bin.3\_metawrap\_v1.3\_MAG (GCA\_947571905.1)

Parabacteroides goldsteinii SRR13428089\_bin.16\_metawrap\_v1.3\_MAG (GCA\_947653485.1)

Parabacteroides goldsteinii MGBC166146 (GCA\_948590365.1)

