



ONE DAY ONE GENOME

Rothia santali

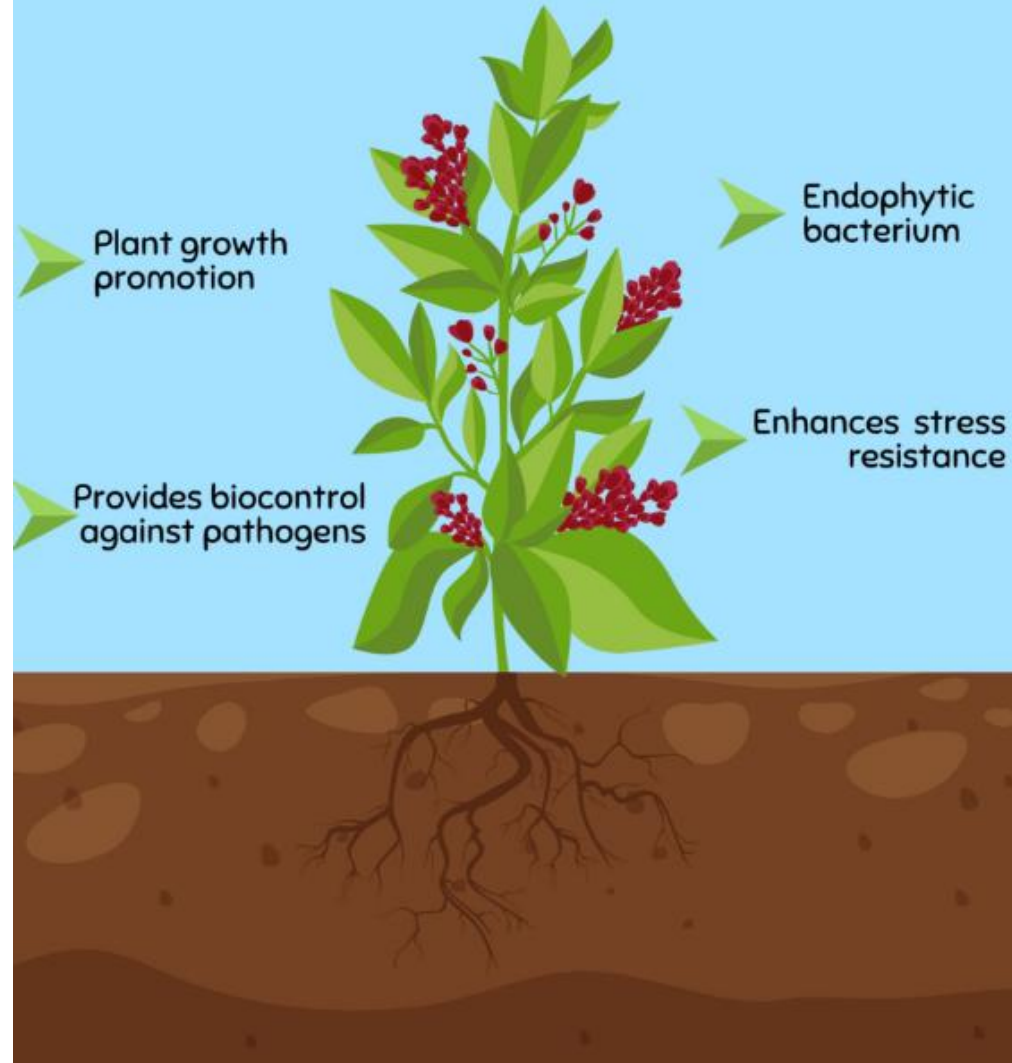


Table 1: Assembly Details		Table 2: Annotated Genome Features	
Contigs	84	CDS	3,154
GC Content	71.82 %	tRNA	49
Contig L50	15	Repeat Regions	0
Genome length	3,305,617 bp	rRNA	6
Contig N50	75,067		

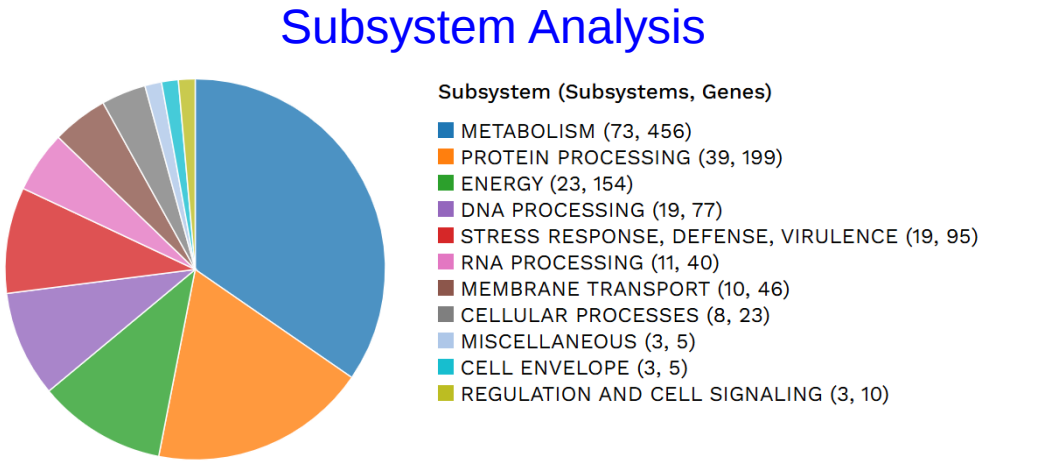


Table 3: Antimicrobial Resistance Genes	
AMR Mechanism	Genes
Antibiotic target in susceptible species	Alr, Ddl, dxr, EF-G, EF-Tu, folA, Dfr, folP, gyrA, gyrB, Iso-tRNA, kasA, MurA, rho, rpoB, rpoC, S10p, S12p
Antibiotic target replacement protein	FabG, FabL-like
Regulator modulating expression of antibiotic resistance genes	MtrA, MtrB
Protein altering cell wall charge conferring antibiotic resistance	GdpD, PgsA

