Supplementary Materials

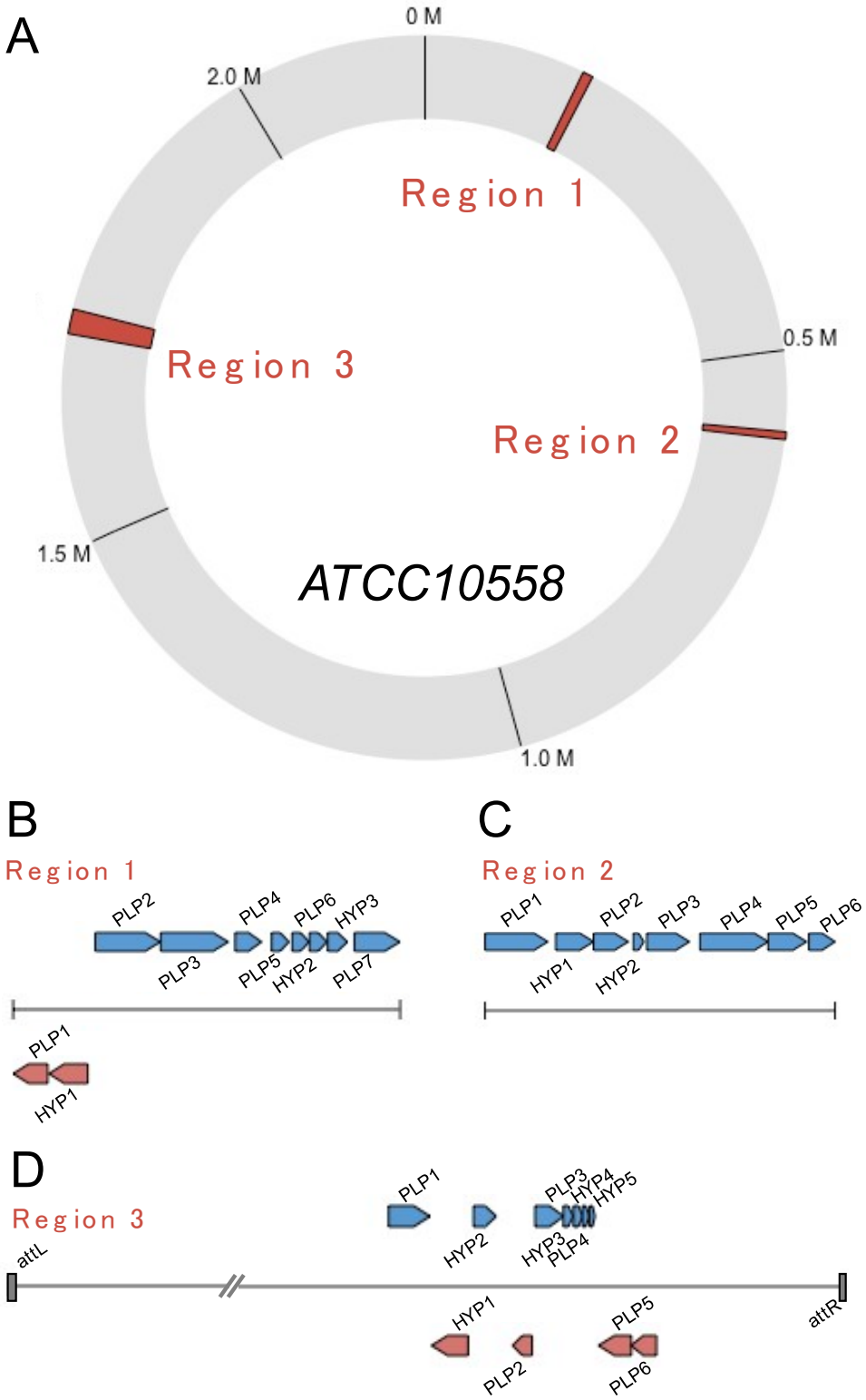

Figure S1. Identification of prophage-associated regions in S. gordonii ATCC10558.

(A) Three prophage-associated regions were detected in the chromosome of *S. gordonii* ATCC10558 by PHASTER analysis. (B-D) Genome structure of each region. Inferred CDSs are indicated as blue or red arrows (complementary).

Table S1. Products and predicted functions of proteins encoded by each region described in Fig. S1B-D.

Rea-gion	Completeness	Location (nucleotides)	G+C (%)	Gene name	CDS Location (nucleotides)	Str-and	BLAST Hit	
1	incomplete	157064-167169	43.2	PLP1	157064-157966	-	hypothetical protein	NC_031245
				PLP2	159207-160913	+	ABC transporter	NC_001884
				PLP3	160915-162684	+	ABC transporter	NC_001884
				PLP4	162863-163552	+	putative amidotransferase	NC_027988
				PLP5	163816-164265	+	bifunctional NMN adenylyltransferase/nudix hydrolase	NC_023568
				PLP6	164350-164793	+	hypothetical protein	NC_031017
				PLP7	165976-167169	+	hypothetical protein	NC_047958
				HYP1	157996-159012	-		
				HYP2	164803-165261	+		
				HYP3	165280-165795	+		
2	incomplete	579068-586553	41.2	PLP1	579068-580411	+	deoxynucleoside kinase	NC_041884
				PLP2	581390-582133	+	ABC transporter	NC_016564
				PLP3	582527-583441	+	gp344	NC_023719
				PLP4	583664-585124	+	gp277	NC_023719
				PLP5	585121-585945	+	gp283	NC_023719
				PLP6	585993-586553	+	putative acetyltransferase	NC_016564
				HYP1	580581-581390	+		
				HYP2	582239-582463	+		
3	incomplete	1703318-1727504	44.7	attL	1703318-1703332	+		
				attR	1727504-1727518	+		
				PLP1	1716456-1717460	+	hypothetical protein	NC_042057
				PLP2	1719466-1719939	-	hypothetical protein	NC_047924
				PLP3	1720012-1720707	+	hypothetical protein	NC_042128
				PLP4	1721164-1721325	+	hypothetical protein	NC_048737
				PLP5	1721550-1722350	-	gp245	NC_023719
				PLP6	1722337-1722960	-	ABC transporter	NC_016564
				HYP1	1717494-1718384	-		
				HYP2	1718517-1719071	+		
				HYP3	1720700-1720936	+		
				HYP4	1720949-1721176	+		
				HYP5	1721340-1721468	+		