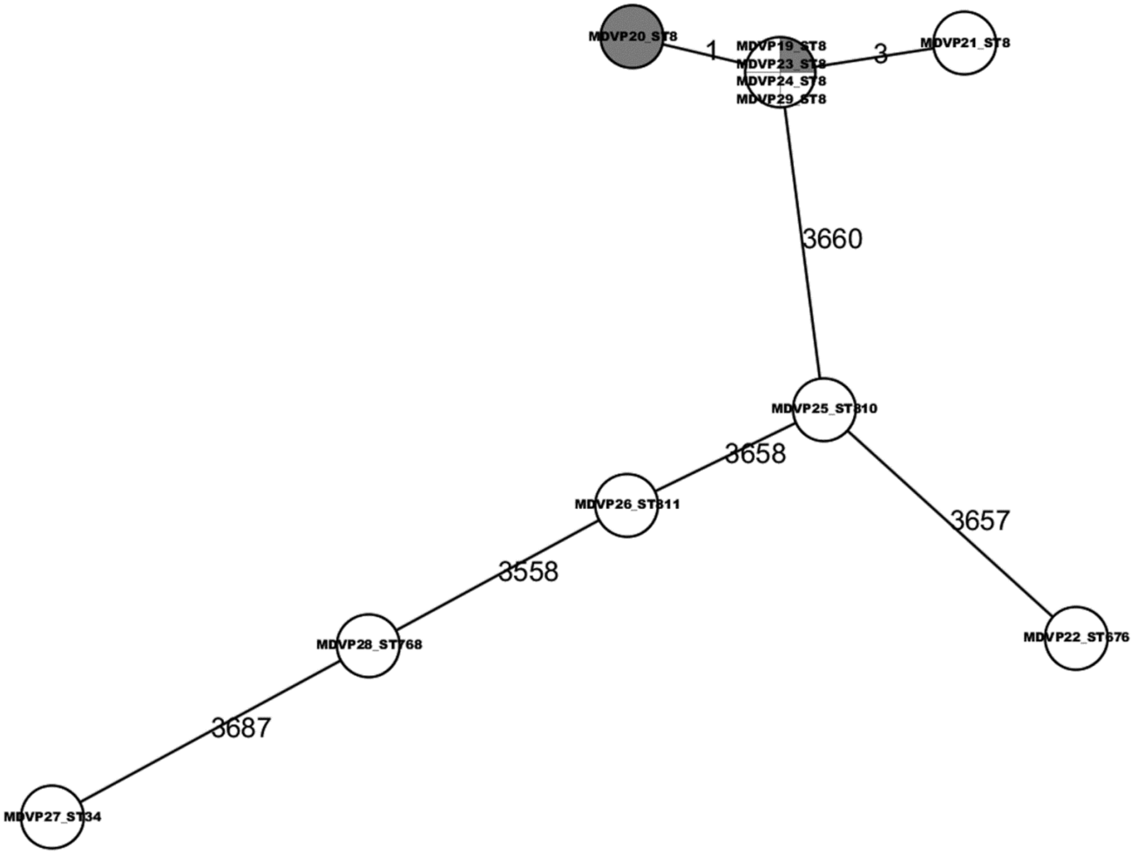
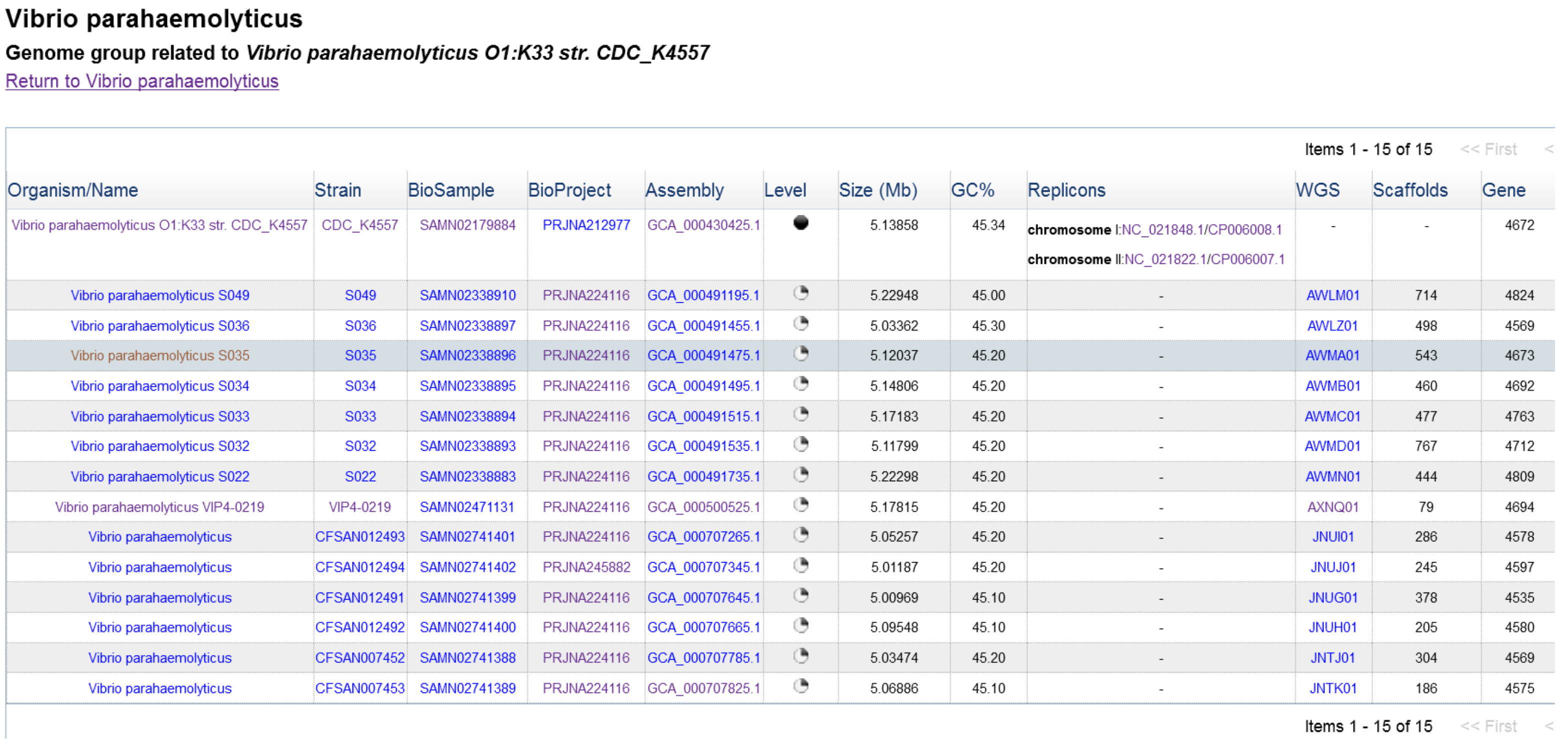
SUPPLEMENTARY FIGURES AND TABLE

Supplementary Figure 1. MST of the wgMLST data generated (Ridom SeqSpehere+) for the strains sequenced in this study, showing the amount of loci differences among them. The numbers above the connected lines are loci differences. The lines are not drawn at scale.



Supplementary Figure 2. List of genomes available at Genbank that clustered by whole genome Blast analysis (http://www.ncbi.nlm.nih.gov/genome/genomes/691?genome_assembly_id=group167998)



Vibrio parahaemolyticus

Genome group related to *Vibrio parahaemolyticus O1:K33 str. CDC_K4557*

Return to Vibrio parahaemolyticus

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Organism/Name	Strain	BioSample	BioProject	Assembly	Level	Size (Mb)	GC%	Replicons	WGS	Scaffolds	Gene
Vibrio parahaemolyticus O1:K33 str. CDC_K4557	CDC_K4557	SAMN02179884	PRJNA212977	GCA_000430425.1	●	5.13858	45.34	**chromosome** I:NC_021848.1/CP006008.1 **chromosome** II:NC_021822.1/CP006007.1	-	-	4672
Vibrio parahaemolyticus S049	S049	SAMN02338910	PRJNA224116	GCA_000491195.1	◔	5.22948	45.00	-	AWLM01	714	4824
Vibrio parahaemolyticus S036	S036	SAMN02338897	PRJNA224116	GCA_000491455.1	◔	5.03362	45.30	-	AWLZ01	498	4569
Vibrio parahaemolyticus S035	S035	SAMN02338896	PRJNA224116	GCA_000491475.1	◔	5.12037	45.20	-	AWMA01	543	4673
Vibrio parahaemolyticus S034	S034	SAMN02338895	PRJNA224116	GCA_000491495.1	◔	5.14806	45.20	-	AWMB01	460	4692
Vibrio parahaemolyticus S033	S033	SAMN02338894	PRJNA224116	GCA_000491515.1	◔	5.17183	45.20	-	AWMC01	477	4763
Vibrio parahaemolyticus S032	S032	SAMN02338893	PRJNA224116	GCA_000491535.1	◔	5.11799	45.20	-	AWMD01	767	4712
Vibrio parahaemolyticus S022	S022	SAMN02338883	PRJNA224116	GCA_000491735.1	◔	5.22298	45.20	-	AWMN01	444	4809
Vibrio parahaemolyticus VIP4-0219	VIP4-0219	SAMN02471131	PRJNA224116	GCA_000500525.1	◔	5.17815	45.20	-	AXNQ01	79	4694
Vibrio parahaemolyticus	CFSAN012493	SAMN02741401	PRJNA224116	GCA_000707265.1	◔	5.05257	45.20	-	JNUI01	286	4578
Vibrio parahaemolyticus	CFSAN012494	SAMN02741402	PRJNA245882	GCA_000707345.1	◔	5.01187	45.20	-	JNUJ01	245	4597
Vibrio parahaemolyticus	CFSAN012491	SAMN02741399	PRJNA224116	GCA_000707645.1	◔	5.00969	45.10	-	JNUG01	378	4535
Vibrio parahaemolyticus	CFSAN012492	SAMN02741400	PRJNA224116	GCA_000707665.1	◔	5.09548	45.10	-	JNUH01	205	4580
Vibrio parahaemolyticus	CFSAN007452	SAMN02741388	PRJNA224116	GCA_000707785.1	◔	5.03474	45.20	-	JNTJ01	304	4569
Vibrio parahaemolyticus	CFSAN007453	SAMN02741389	PRJNA224116	GCA_000707825.1	◔	5.06886	45.10	-	JNTK01	186	4575

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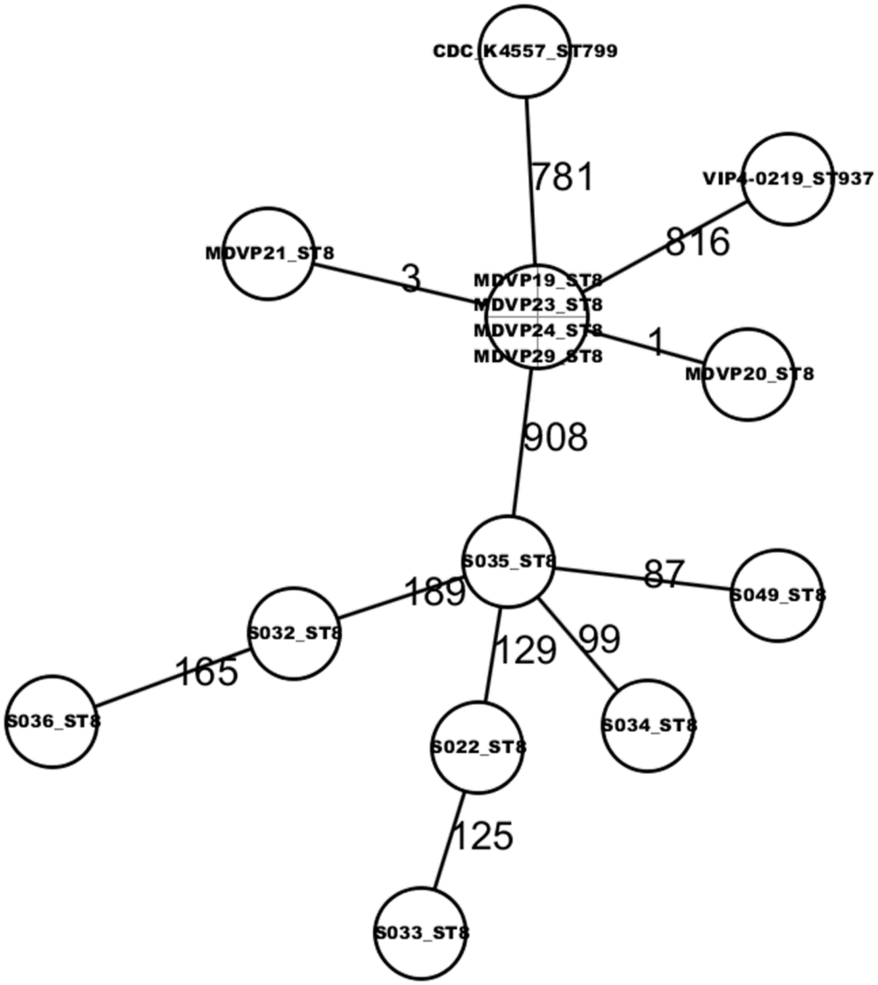
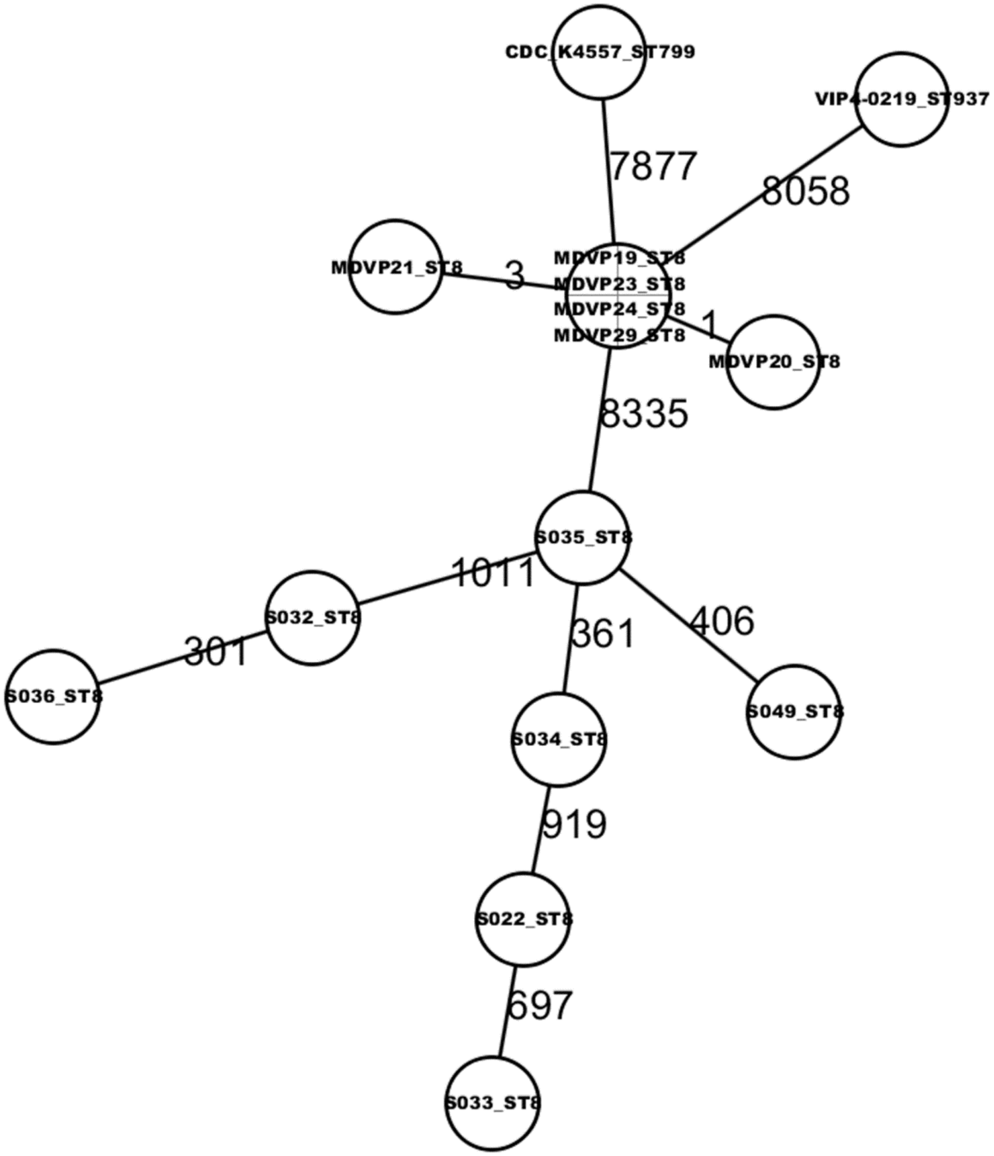
Supplementary Figure 3. MST showing the differences between members of the CC8 in our study (6) and the ones available at GenBank (9 genomes – see figure supplementary 3) determined by wgMLST analysis. A) MST showing Loci differences among the strains (total loci 3605). B) MST of the SNPs differences within the different loci (19008 total SNPs). The numbers above the connected lines are loci (A) and SNPs (B) differences, respectively. The lines are not drawn at scale.

A)



B)



CDC_K4557_ST799
VIP4-0219_ST937
7877
8058
MDVP21_ST8
3
MDVP19_ST8
MDVP23_ST8
MDVP24_ST8
MDVP29_ST8
1
MDVP20_ST8
8335
S035_ST8
1011
S032_ST8
301
S036_ST8
361
406
S034_ST8
S049_ST8
919
S022_ST8
697
S033_ST8