

Figure S1: Maximum likelihood phylogeny of 230 Clavibacter spp. strains representing the whole diversity of the genus based on the concatenated sequences of four housekeeping genes (i.e. *atpD*, *gyrB*, *ppk*, and *recA*). Clavibacter *michiganensis* subsp. *michiganensis* strains were clustered as a monophyletic clade close to the non-pathogenic subspecies *C. michiganensis* subsp. *californiensis*.

Phylogroup I: Post-1984 strains



Phylogroup II: Pre-1980s strains

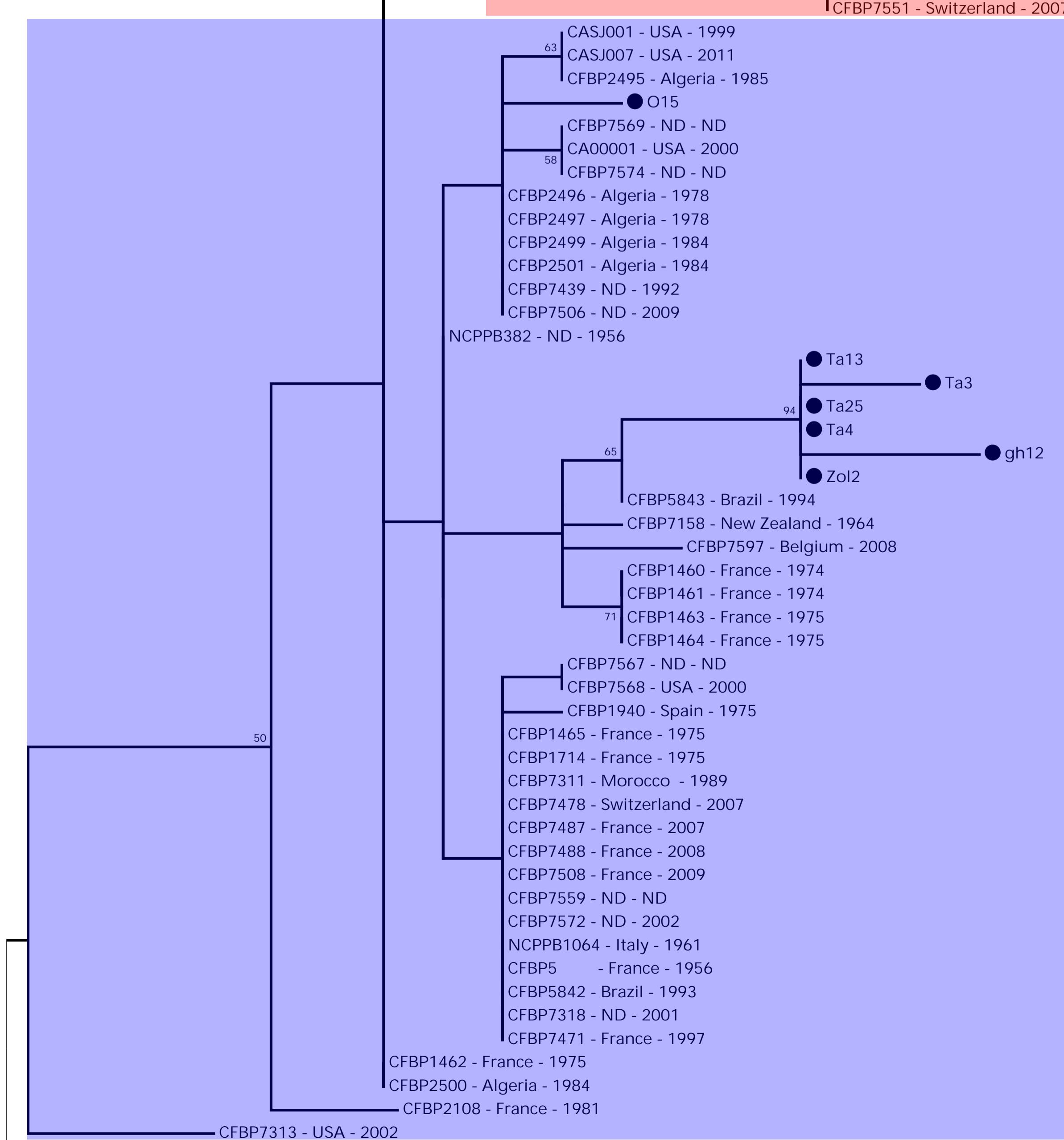


Figure S2: Maximum likelihood phylogenetic tree generated from the concatenated sequences of five housekeeping genes (i.e. *atpD*, *gyrB*, *ppk*, *recA*, and *rpoB*) in 120 worldwide *Clavibacter michiganensis* subsp. *michiganensis* strains. Black circles indicate the strains isolated in Iran. Red highlight indicates phylogroup I (post-1984), while blue highlight indicates phylogroup II (pre-1980s) strains of the pathogen.

atpD

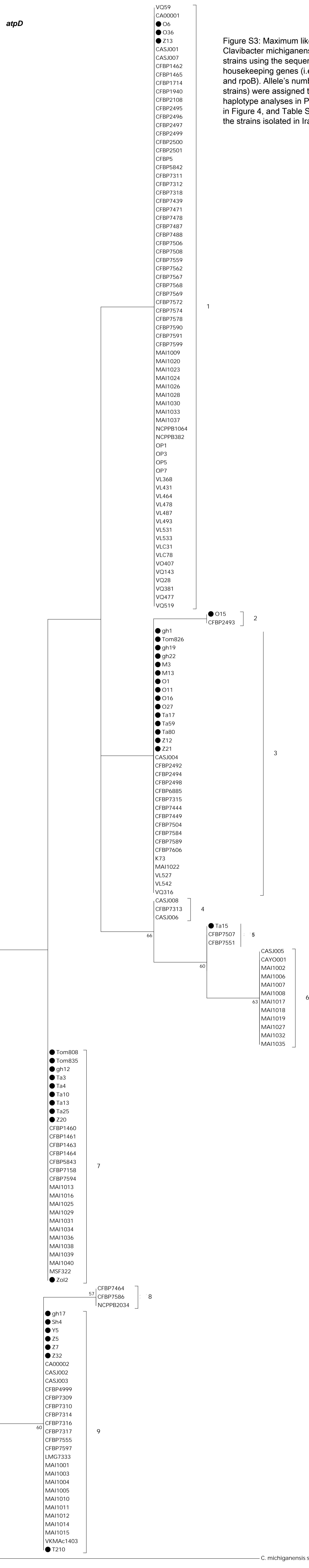
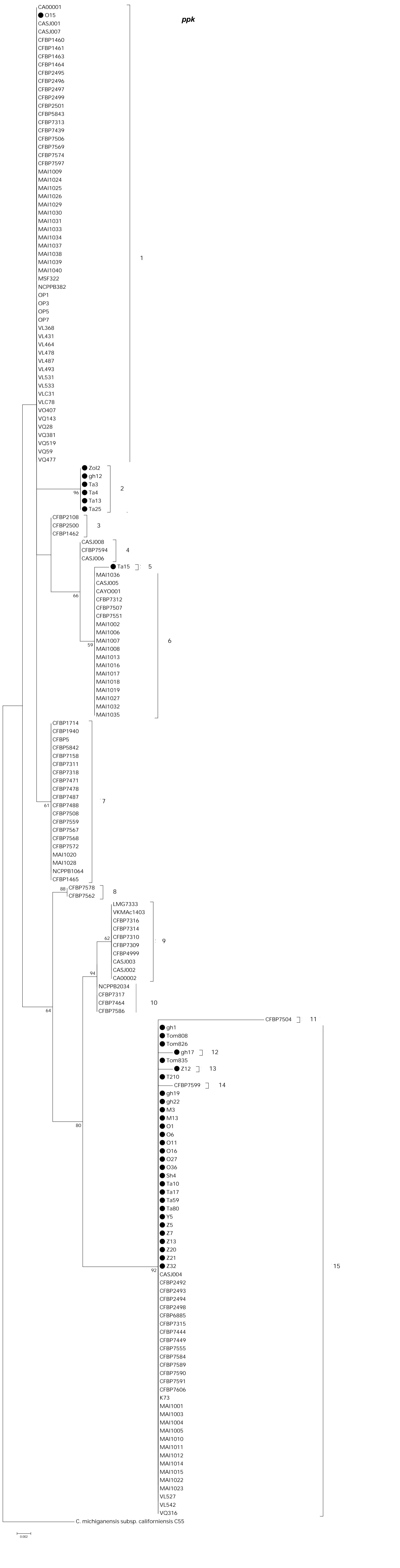


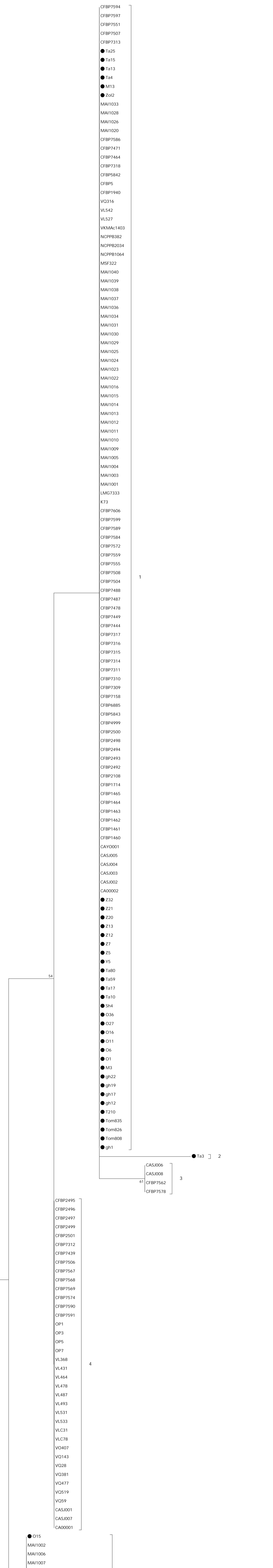
Figure S3: Maximum likelihood phylogeny of *Clavibacter michiganensis* subsp. *michiganensis* strains using the sequences of five individual housekeeping genes (i.e. *atpD*, *gyrB*, *ppk*, *recA*, and *rpoB*). Allele's numbers (in the front of the strains) were assigned to the strains based on haplotype analyses in POPArt software as shown in Figure 4, and Table S1. Black circles indicate the strains isolated in Iran.

gyrB





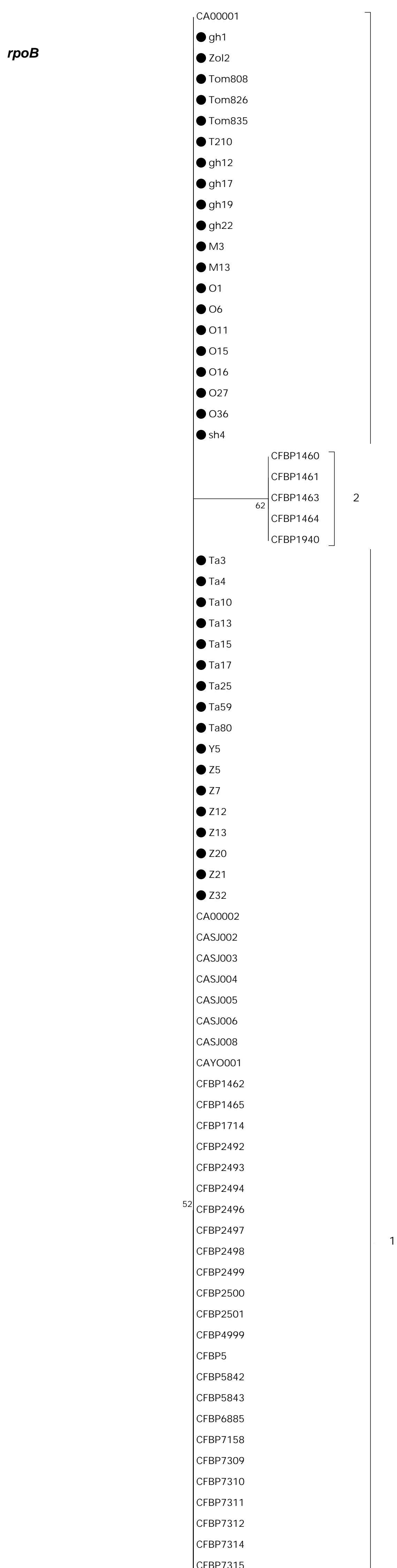
recA



C. michiganensis subsp. *californiensis* C55

0.002

rpoB



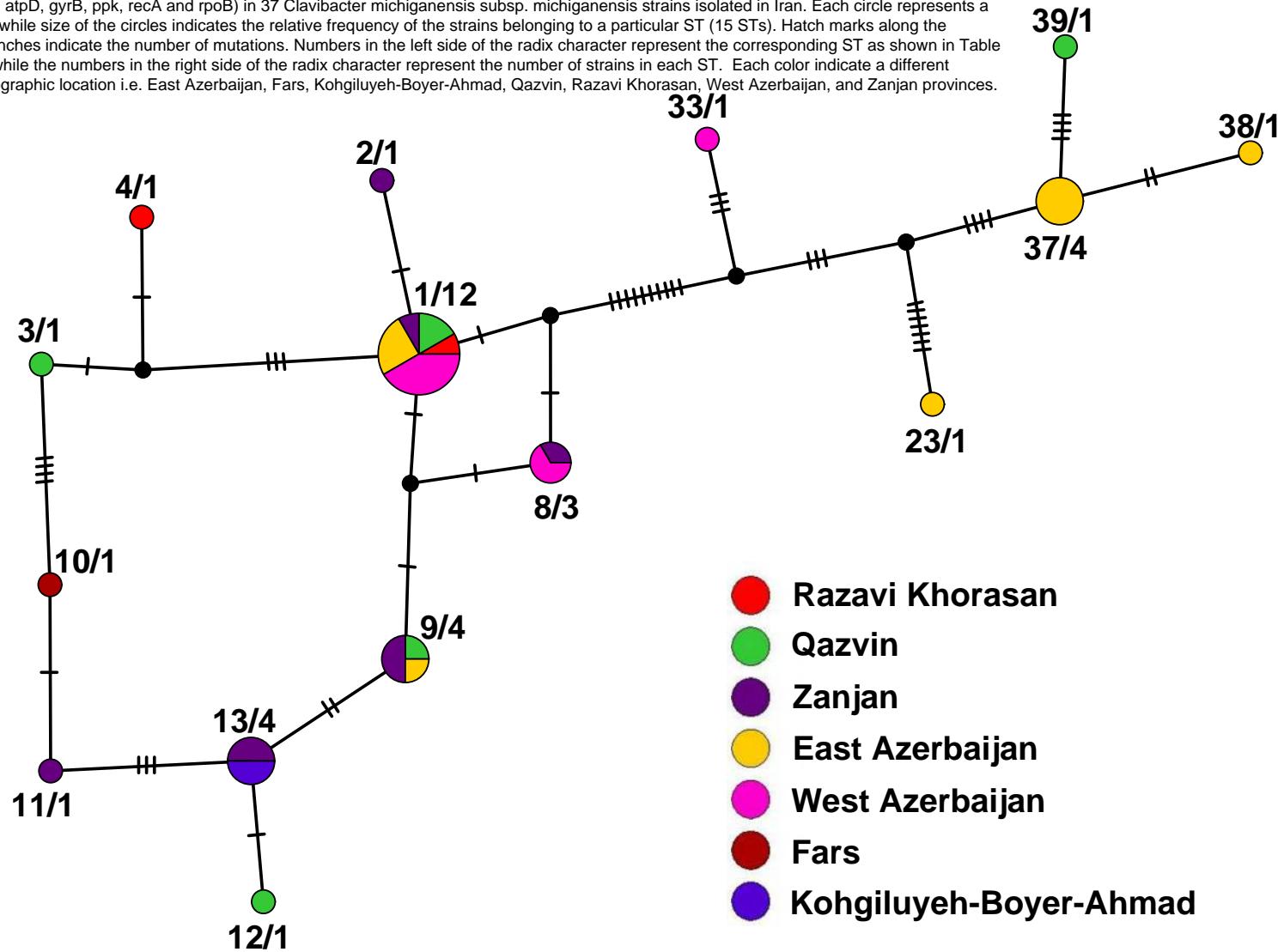
72

5

C. michiganensis subsp. californiensis C55

0.002

Figure S4: TCS sequence type (ST) network generated using POPArt program from the concatenated sequences of five housekeeping genes (i.e. *atpD*, *gyrB*, *ppk*, *recA* and *rpoB*) in 37 *Clavibacter michiganensis* subsp. *michiganensis* strains isolated in Iran. Each circle represents a ST while size of the circles indicates the relative frequency of the strains belonging to a particular ST (15 STs). Hatch marks along the branches indicate the number of mutations. Numbers in the left side of the radix character represent the corresponding ST as shown in Table 1, while the numbers in the right side of the radix character represent the number of strains in each ST. Each color indicate a different geographic location i.e. East Azerbaijan, Fars, Kohgiluyeh-Boyer-Ahmad, Qazvin, Razavi Khorasan, West Azerbaijan, and Zanjan provinces.



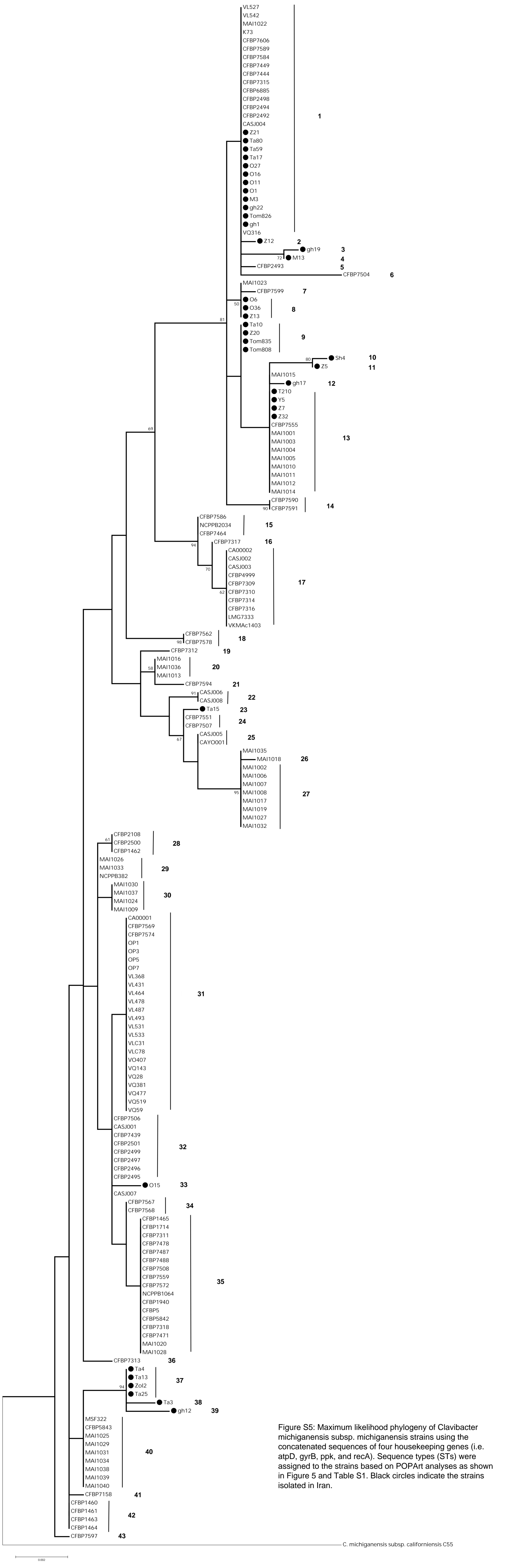


Figure S5: Maximum likelihood phylogeny of *Clavibacter michiganensis* subsp. *michiganensis* strains using the concatenated sequences of four housekeeping genes (i.e. *atpD*, *gyrB*, *ppk*, and *recA*). Sequence types (STs) were assigned to the strains based on POPArt analyses as shown in Figure 5 and Table S1. Black circles indicate the strains isolated in Iran.

C. michiganensis subsp. *californiensis* C55

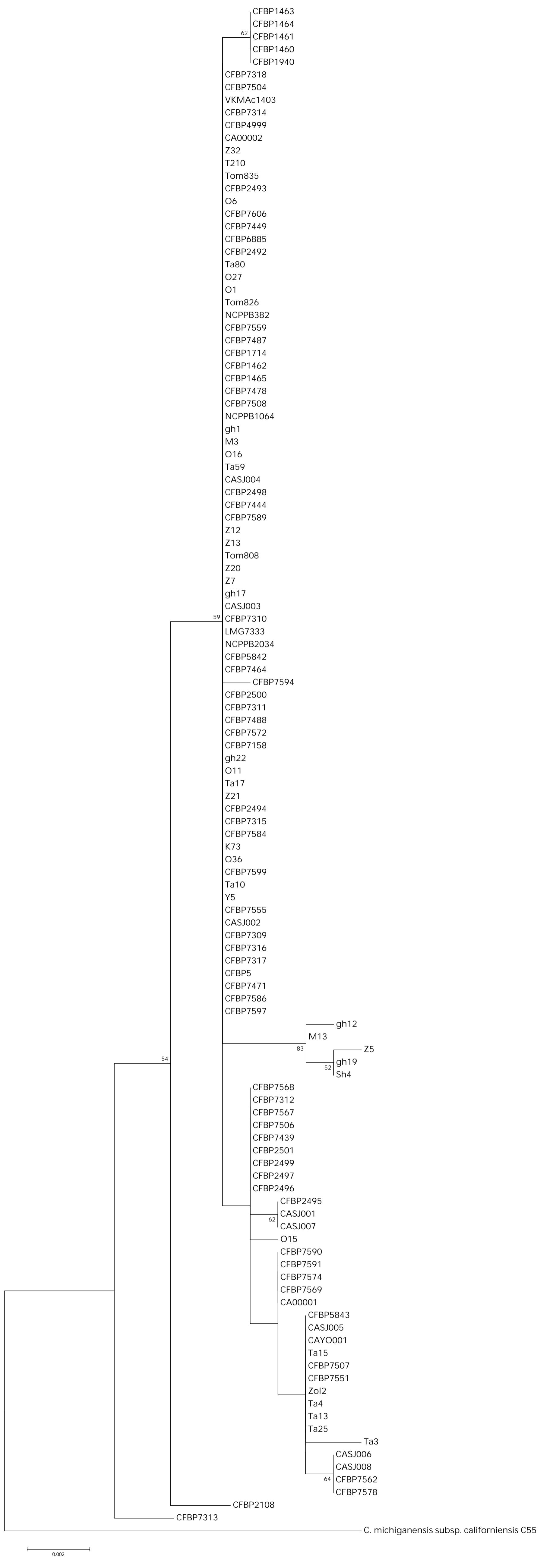


Figure S6: Maximum likelihood phylogeny of *Clavibacter michiganensis* subsp. *michiganensis* strains using the concatenated sequences of three recombination-free genes i.e. *gyrB*, *recA*, and *rpoB*. Results of three-gene phylogeny were in congruence with those obtained from the five-gene phylogeny, indicating that the worldwide Cmm strains clustered in a monophyletic clade apart from the remaining subspecies/species of *Clavibacter* spp.

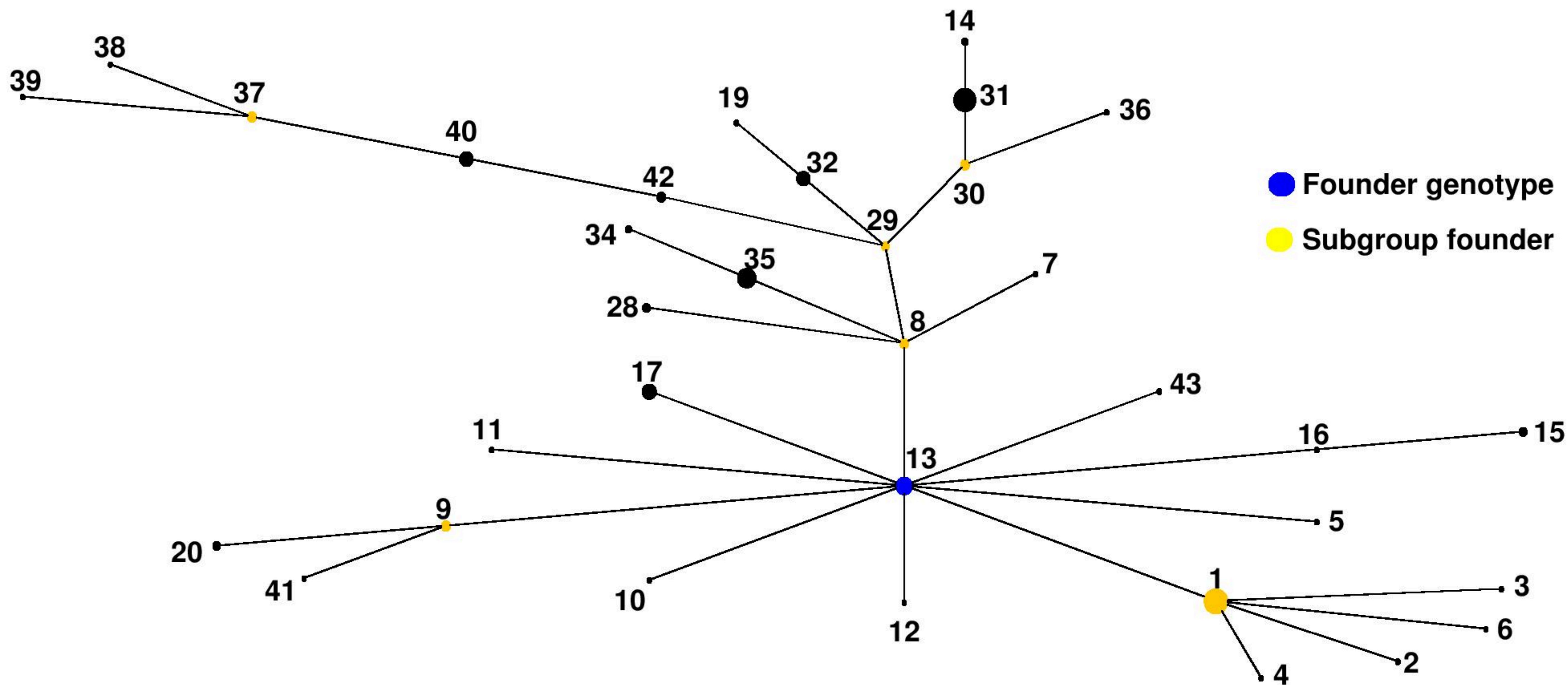


Figure S7: Analysis of worldwide *Clavibacter michiganensis* subsp. *michiganensis* strains using eBURST software with the stringent (default) group definition in which, strains are included within the same clonal complex only if they share identical alleles at three or four of the four MLST loci with at least one other alleles in the population. The predicted primary founder sequence type (ST13) is shown as a blue circle while the descendant subgroup founders are shown as yellow circles. Numbers in the eBURST diagram correspond to STs as shown in Table S1. Diameter of each circle corresponds to the abundance of the strains of a given ST in the input data.

Table S1: Worldwide strains of *Clavibacter michiganensis* subsp. *michiganensis* used in this study, their host, geographic area and date of isolation, as well as their allelic profile and sequence types based on the sequences of five housekeeping genes (i.e. *atpD*, *gyrB*, *ppk*, *recA*, and *rpoB*).

| Sequence type (ST) | Strain | Country | Year | Host | Allelic profile | | | | |
|-----------------------|--------|---------|------|--------|-----------------|-------------|------------|-------------|-------------|
| | | | | | <i>atpD</i> | <i>gyrB</i> | <i>ppk</i> | <i>recA</i> | <i>rpoB</i> |
| 1 | gh1 | Iran | 2017 | Tomato | 3 | 6 | 15 | 1 | 1 |
| 39 | gh12 | Iran | 2017 | Tomato | 7 | 2 | 2 | 1 | 1 |
| 12 | gh17 | Iran | 2017 | Tomato | 9 | 6 | 12 | 1 | 1 |
| 3 | gh19 | Iran | 2017 | Tomato | 3 | 5 | 15 | 1 | 1 |
| 1 | gh22 | Iran | 2017 | Tomato | 3 | 6 | 15 | 1 | 1 |
| 4 | M13 | Iran | 2017 | Tomato | 3 | 3 | 15 | 1 | 1 |
| 1 | M3 | Iran | 2017 | Tomato | 3 | 6 | 15 | 1 | 1 |
| 1 | O1 | Iran | 2017 | Tomato | 3 | 6 | 15 | 1 | 1 |
| 1 | O11 | Iran | 2017 | Tomato | 3 | 6 | 15 | 1 | 1 |
| 33 | O15 | Iran | 2017 | Tomato | 2 | 6 | 1 | 5 | 1 |
| 1 | O16 | Iran | 2017 | Tomato | 3 | 6 | 15 | 1 | 1 |
| 1 | O27 | Iran | 2017 | Tomato | 3 | 6 | 15 | 1 | 1 |
| 8 | O36 | Iran | 2017 | Tomato | 1 | 6 | 15 | 1 | 1 |
| 8 | O6 | Iran | 2017 | Tomato | 1 | 6 | 15 | 1 | 1 |
| 10 | Sh4 | Iran | 2017 | Tomato | 9 | 5 | 15 | 1 | 1 |
| 13 | T210 | Iran | 2016 | Tomato | 9 | 6 | 15 | 1 | 1 |
| 9 | Ta10 | Iran | 2017 | Tomato | 7 | 6 | 15 | 1 | 1 |
| 37 | Ta13 | Iran | 2017 | Tomato | 7 | 1 | 2 | 1 | 1 |
| 23 | Ta15 | Iran | 2017 | Tomato | 5 | 1 | 5 | 1 | 1 |
| 1 | Ta17 | Iran | 2017 | Tomato | 3 | 6 | 15 | 1 | 1 |
| 37 | Ta25 | Iran | 2017 | Tomato | 7 | 1 | 2 | 1 | 1 |
| 38 | Ta3 | Iran | 2017 | Tomato | 7 | 1 | 2 | 2 | 1 |

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|----|----------|--------|------|--------|---|---|----|---|---|
| 37 | Ta4 | Iran | 2017 | Tomato | 7 | 1 | 2 | 1 | 1 |
| 1 | Ta59 | Iran | 2017 | Tomato | 3 | 6 | 15 | 1 | 1 |
| 1 | Ta80 | Iran | 2017 | Tomato | 3 | 6 | 15 | 1 | 1 |
| 9 | Tom808 | Iran | 2015 | Tomato | 7 | 6 | 15 | 1 | 1 |
| 1 | Tom826 | Iran | 2015 | Tomato | 3 | 6 | 15 | 1 | 1 |
| 9 | Tom835 | Iran | 2015 | Tomato | 7 | 6 | 15 | 1 | 1 |
| 13 | Y5 | Iran | 2017 | Tomato | 9 | 6 | 15 | 1 | 1 |
| 2 | Z12 | Iran | 2017 | Tomato | 3 | 6 | 13 | 1 | 1 |
| 8 | Z13 | Iran | 2017 | Tomato | 1 | 6 | 15 | 1 | 1 |
| 9 | Z20 | Iran | 2017 | Tomato | 7 | 6 | 15 | 1 | 1 |
| 1 | Z21 | Iran | 2017 | Tomato | 3 | 6 | 15 | 1 | 1 |
| 13 | Z32 | Iran | 2017 | Tomato | 9 | 6 | 15 | 1 | 1 |
| 11 | Z5 | Iran | 2017 | Tomato | 9 | 4 | 15 | 1 | 1 |
| 13 | Z7 | Iran | 2017 | Tomato | 9 | 6 | 15 | 1 | 1 |
| 37 | Zol2 | Iran | 2015 | Tomato | 7 | 1 | 2 | 1 | 1 |
| 31 | CA00001 | USA | 2000 | Tomato | 1 | 1 | 1 | 4 | 1 |
| 17 | CA00002 | USA | 2000 | Tomato | 9 | 6 | 9 | 1 | 1 |
| 32 | CASJ001 | USA | 1999 | Tomato | 1 | 6 | 1 | 4 | 3 |
| 17 | CASJ002 | USA | 1999 | Tomato | 9 | 6 | 9 | 1 | 1 |
| 17 | CASJ003 | USA | 1999 | Tomato | 9 | 6 | 9 | 1 | 1 |
| 1 | CASJ004 | USA | 1999 | Tomato | 3 | 6 | 15 | 1 | 1 |
| 25 | CASJ005 | USA | 2001 | Tomato | 6 | 1 | 6 | 1 | 1 |
| 22 | CASJ006 | USA | 2002 | Tomato | 4 | 1 | 4 | 3 | 1 |
| 32 | CASJ007 | USA | 2011 | Tomato | 1 | 6 | 1 | 4 | 3 |
| 22 | CASJ008 | USA | 2002 | Tomato | 4 | 1 | 4 | 3 | 1 |
| 25 | CAYO001 | USA | 2001 | Tomato | 6 | 1 | 6 | 1 | 1 |
| 42 | CFBP1460 | France | 1974 | Tomato | 7 | 6 | 1 | 1 | 2 |
| 42 | CFBP1461 | France | 1974 | Tomato | 7 | 6 | 1 | 1 | 2 |
| 28 | CFBP1462 | France | 1975 | Tomato | 1 | 6 | 3 | 1 | 1 |
| 42 | CFBP1463 | France | 1975 | Tomato | 7 | 6 | 1 | 1 | 2 |
| 42 | CFBP1464 | France | 1975 | Tomato | 7 | 6 | 1 | 1 | 2 |

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|----|----------|-------------|------|---------------------|---|---|----|---|---|
| 35 | CFBP1465 | France | 1975 | Tomato | 1 | 6 | 7 | 1 | 1 |
| 35 | CFBP1714 | France | 1975 | Tomato | 1 | 6 | 7 | 1 | 1 |
| 35 | CFBP1940 | Spain | 1975 | Tomato | 1 | 6 | 7 | 1 | 2 |
| 28 | CFBP2108 | France | 1981 | Tomato | 1 | 6 | 3 | 1 | 4 |
| 1 | CFBP2492 | Algeria | 1985 | Tomato | 3 | 6 | 15 | 1 | 1 |
| 5 | CFBP2493 | Algeria | 1985 | Tomato | 2 | 6 | 15 | 1 | 1 |
| 1 | CFBP2494 | Algeria | 1984 | Tomato | 3 | 6 | 15 | 1 | 1 |
| 32 | CFBP2495 | Algeria | 1985 | Tomato | 1 | 6 | 1 | 4 | 3 |
| 32 | CFBP2496 | Algeria | 1978 | Tomato | 1 | 6 | 1 | 4 | 1 |
| 32 | CFBP2497 | Algeria | 1978 | Tomato | 1 | 6 | 1 | 4 | 1 |
| 1 | CFBP2498 | Algeria | 1984 | Tomato | 3 | 6 | 15 | 1 | 1 |
| 32 | CFBP2499 | Algeria | 1984 | Black nightshade | 1 | 6 | 1 | 4 | 1 |
| 28 | CFBP2500 | Algeria | 1984 | Black nightshade | 1 | 6 | 3 | 1 | 1 |
| 32 | CFBP2501 | Algeria | 1984 | Peppers | 1 | 6 | 1 | 4 | 1 |
| 17 | CFBP4999 | Hungary | 1957 | Tomato | 9 | 6 | 9 | 1 | 1 |
| 35 | CFBP5 | France | 1956 | Tomato | 1 | 6 | 7 | 1 | 1 |
| 35 | CFBP5842 | Brazil | 1993 | Peppers | 1 | 6 | 7 | 1 | 1 |
| 40 | CFBP5843 | Brazil | 1994 | Tomato | 7 | 1 | 1 | 1 | 1 |
| 1 | CFBP6885 | France | 2004 | Tomato | 3 | 6 | 15 | 1 | 1 |
| 41 | CFBP7158 | New Zealand | 1964 | Tomato | 7 | 6 | 7 | 1 | 1 |
| 17 | CFBP7309 | USA | 1998 | Tomato | 9 | 6 | 9 | 1 | 1 |
| 17 | CFBP7310 | USA | 1998 | Tomato | 9 | 6 | 9 | 1 | 1 |
| 35 | CFBP7311 | Morocco | 1989 | Tomato | 1 | 6 | 7 | 1 | 1 |
| 19 | CFBP7312 | China | 1998 | Tomato | 1 | 6 | 6 | 4 | 1 |
| 36 | CFBP7313 | USA | 2002 | Tomato | 4 | 1 | 1 | 1 | 5 |
| 17 | CFBP7314 | USA | 2002 | Tomato | 9 | 6 | 9 | 1 | 1 |
| 1 | CFBP7315 | USA | 1998 | Tomato | 3 | 6 | 15 | 1 | 1 |
| 17 | CFBP7316 | USA | 1998 | Tomato | 9 | 6 | 9 | 1 | 1 |
| 16 | CFBP7317 | France | 2001 | ND | 9 | 6 | 10 | 1 | 1 |

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|----|----------|-----------------|------|--------|---|---|----|---|---|
| 35 | CFBP7318 | ND | 2001 | ND | 1 | 6 | 7 | 1 | 1 |
| 32 | CFBP7439 | ND | 1992 | ND | 1 | 6 | 1 | 4 | 1 |
| 1 | CFBP7444 | ND | 1998 | Tomato | 3 | 6 | 15 | 1 | 1 |
| 1 | CFBP7449 | France | 1998 | Tomato | 3 | 6 | 15 | 1 | 1 |
| 15 | CFBP7464 | Morocco | ND | Tomato | 8 | 6 | 10 | 1 | 1 |
| 35 | CFBP7471 | France | 1997 | Tomato | 1 | 6 | 7 | 1 | 1 |
| 35 | CFBP7478 | Switzerland | 2007 | Tomato | 1 | 6 | 7 | 1 | 1 |
| 35 | CFBP7487 | France | 2007 | Tomato | 1 | 6 | 7 | 1 | 1 |
| 35 | CFBP7488 | France | 2008 | Tomato | 1 | 6 | 7 | 1 | 1 |
| 6 | CFBP7504 | France | 2009 | Tomato | 3 | 6 | 11 | 1 | 1 |
| 32 | CFBP7506 | ND | 2009 | ND | 1 | 6 | 1 | 4 | 1 |
| 24 | CFBP7507 | France | 2010 | Tomato | 5 | 1 | 6 | 1 | 1 |
| 35 | CFBP7508 | France | 2009 | Tomato | 1 | 6 | 7 | 1 | 1 |
| 24 | CFBP7551 | Switzerland | 2007 | Tomato | 5 | 1 | 6 | 1 | 1 |
| 13 | CFBP7555 | Slovenia | 2001 | Tomato | 9 | 6 | 15 | 1 | 1 |
| 35 | CFBP7559 | ND | ND | ND | 1 | 6 | 7 | 1 | 1 |
| 18 | CFBP7562 | Portugal | 1998 | Tomato | 1 | 1 | 8 | 3 | 1 |
| 34 | CFBP7567 | ND | ND | Tomato | 1 | 6 | 7 | 4 | 1 |
| 34 | CFBP7568 | USA | 2000 | Tomato | 1 | 6 | 7 | 4 | 1 |
| 31 | CFBP7569 | ND | ND | Tomato | 1 | 1 | 1 | 4 | 1 |
| 35 | CFBP7572 | ND | 2002 | Tomato | 1 | 6 | 7 | 1 | 1 |
| 31 | CFBP7574 | ND | ND | Tomato | 1 | 1 | 1 | 4 | 1 |
| 18 | CFBP7578 | ND | ND | Tomato | 1 | 1 | 8 | 3 | 1 |
| 1 | CFBP7584 | The Netherlands | 2008 | Tomato | 3 | 6 | 15 | 1 | 1 |
| 15 | CFBP7586 | Belgium | 1998 | Tomato | 8 | 6 | 10 | 1 | 1 |
| 1 | CFBP7589 | Belgium | 1984 | Tomato | 3 | 6 | 15 | 1 | 1 |
| 14 | CFBP7590 | Taiwan | 1988 | Tomato | 1 | 1 | 15 | 4 | 1 |
| 14 | CFBP7591 | Taiwan | 1988 | Tomato | 1 | 1 | 15 | 4 | 1 |
| 21 | CFBP7594 | Belgium | 2008 | Tomato | 7 | 7 | 4 | 1 | 1 |
| 43 | CFBP7597 | Belgium | 2008 | Tomato | 9 | 6 | 1 | 1 | 1 |
| 7 | CFBP7599 | France | 2007 | Tomato | 1 | 6 | 14 | 1 | 1 |

| | | | | | | | | | |
|----|----------|-----------------|------|--------|---|---|----|---|----|
| 1 | CFBP7606 | The Netherlands | 1998 | Tomato | 3 | 6 | 15 | 1 | 1 |
| 1 | K73 | USA | 2017 | Tomato | 3 | 6 | 15 | 1 | 1 |
| 17 | LMG7333 | Hungary | 1956 | Tomato | 9 | 6 | 9 | 1 | 1 |
| 13 | MAI1001 | Uruguay | 2012 | Tomato | 9 | 6 | 15 | 1 | ND |
| 27 | MAI1002 | Uruguay | 2012 | Tomato | 6 | 6 | 6 | 5 | ND |
| 13 | MAI1003 | Uruguay | 2012 | Tomato | 9 | 6 | 15 | 1 | ND |
| 13 | MAI1004 | Uruguay | 2012 | Tomato | 9 | 6 | 15 | 1 | ND |
| 13 | MAI1005 | Uruguay | 2012 | Tomato | 9 | 6 | 15 | 1 | ND |
| 27 | MAI1006 | Uruguay | 2012 | Tomato | 6 | 6 | 6 | 5 | ND |
| 27 | MAI1007 | Uruguay | 2012 | Tomato | 6 | 6 | 6 | 5 | ND |
| 27 | MAI1008 | Uruguay | 2012 | Tomato | 6 | 6 | 6 | 5 | ND |
| 30 | MAI1009 | Uruguay | 2012 | Tomato | 1 | 1 | 1 | 1 | ND |
| 13 | MAI1010 | Uruguay | 2012 | Tomato | 9 | 6 | 15 | 1 | ND |
| 13 | MAI1011 | Uruguay | 2012 | Tomato | 9 | 6 | 15 | 1 | ND |
| 13 | MAI1012 | Uruguay | 2012 | Tomato | 9 | 6 | 15 | 1 | ND |
| 20 | MAI1013 | Uruguay | 2012 | Tomato | 7 | 6 | 6 | 1 | ND |
| 13 | MAI1014 | Uruguay | 2012 | Tomato | 9 | 6 | 15 | 1 | ND |
| 13 | MAI1015 | Uruguay | 2012 | Tomato | 9 | 6 | 15 | 1 | ND |
| 20 | MAI1016 | Uruguay | 2012 | Tomato | 7 | 6 | 6 | 1 | ND |
| 27 | MAI1017 | Uruguay | 2012 | Tomato | 6 | 6 | 6 | 5 | ND |
| 26 | MAI1018 | Uruguay | 2012 | Tomato | 6 | 6 | 6 | 6 | ND |
| 27 | MAI1019 | Uruguay | 2012 | Tomato | 6 | 6 | 6 | 5 | ND |
| 35 | MAI1020 | Uruguay | 2012 | Tomato | 1 | 6 | 7 | 1 | ND |
| 1 | MAI1022 | Uruguay | 1997 | Tomato | 3 | 6 | 15 | 1 | ND |
| 8 | MAI1023 | Uruguay | 1997 | Tomato | 1 | 6 | 15 | 1 | ND |
| 30 | MAI1024 | Uruguay | 1997 | Tomato | 1 | 1 | 1 | 1 | ND |
| 40 | MAI1025 | Uruguay | 2005 | Tomato | 7 | 1 | 1 | 1 | ND |
| 29 | MAI1026 | Uruguay | 1999 | Tomato | 1 | 6 | 1 | 1 | ND |
| 27 | MAI1027 | Uruguay | 2008 | Tomato | 6 | 6 | 6 | 5 | ND |
| 35 | MAI1028 | Uruguay | 2011 | Tomato | 1 | 6 | 7 | 1 | ND |
| 40 | MAI1029 | Uruguay | 2011 | Tomato | 7 | 1 | 1 | 1 | ND |

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|----|-----------|--------------|------|--------|---|---|----|---|----|
| 30 | MAI1030 | Uruguay | 2010 | Tomato | 1 | 1 | 1 | 1 | ND |
| 40 | MAI1031 | Uruguay | 2010 | Tomato | 7 | 1 | 1 | 1 | ND |
| 27 | MAI1032 | Uruguay | 2010 | Tomato | 6 | 6 | 6 | 5 | ND |
| 29 | MAI1033 | Uruguay | 2010 | Tomato | 1 | 6 | 1 | 1 | ND |
| 40 | MAI1034 | Uruguay | 2010 | Tomato | 7 | 1 | 1 | 1 | ND |
| 27 | MAI1035 | Uruguay | 2010 | Tomato | 6 | 6 | 6 | 5 | ND |
| 20 | MAI1036 | Uruguay | 2010 | Tomato | 7 | 6 | 6 | 1 | ND |
| 30 | MAI1037 | Uruguay | 2010 | Tomato | 1 | 1 | 1 | 1 | ND |
| 40 | MAI1038 | Uruguay | 2010 | Tomato | 7 | 1 | 1 | 1 | ND |
| 40 | MAI1039 | Uruguay | 2010 | Tomato | 7 | 1 | 1 | 1 | ND |
| 40 | MAI1040 | Uruguay | 2010 | Tomato | 7 | 1 | 1 | 1 | ND |
| 40 | MSF322 | Uruguay | 2005 | Tomato | 7 | 1 | 1 | 1 | ND |
| 35 | NCPPB1064 | Italy | 1961 | Tomato | 1 | 6 | 7 | 1 | 1 |
| 15 | NCPPB2034 | South Africa | 1992 | Tomato | 8 | 6 | 10 | 1 | 1 |
| 29 | NCPPB382 | ND | 1956 | Tomato | 1 | 6 | 1 | 1 | 1 |
| 31 | OP1 | Chile | 2015 | Tomato | 1 | 1 | 1 | 4 | ND |
| 31 | OP3 | Chile | 2015 | Tomato | 1 | 1 | 1 | 4 | ND |
| 31 | OP5 | Chile | 2015 | Tomato | 1 | 1 | 1 | 4 | ND |
| 31 | OP7 | Chile | 2015 | Tomato | 1 | 1 | 1 | 4 | ND |
| 17 | VKMAc1403 | USA | 2017 | Tomato | 9 | 6 | 9 | 1 | 1 |
| 31 | VL368 | Chile | 2007 | Tomato | 1 | 1 | 1 | 4 | ND |
| 31 | VL431 | Chile | 2009 | Tomato | 1 | 1 | 1 | 4 | ND |
| 31 | VL464 | Chile | 2010 | Tomato | 1 | 1 | 1 | 4 | ND |
| 31 | VL478 | Chile | 2010 | Tomato | 1 | 1 | 1 | 4 | ND |
| 31 | VL487 | Chile | 2011 | Tomato | 1 | 1 | 1 | 4 | ND |
| 31 | VL493 | Chile | 2011 | Tomato | 1 | 1 | 1 | 4 | ND |
| 1 | VL527 | Chile | 2012 | Tomato | 3 | 6 | 15 | 1 | ND |
| 31 | VL531 | Chile | 2012 | Tomato | 1 | 1 | 1 | 4 | ND |
| 31 | VL533 | Chile | 2012 | Tomato | 1 | 1 | 1 | 4 | ND |
| 1 | VL542 | Chile | 2013 | Tomato | 3 | 6 | 15 | 1 | ND |
| 31 | VLC31 | Chile | 1997 | Tomato | 1 | 1 | 1 | 4 | ND |

| | | | | | | | | | |
|----|-------|-------|------|--------|---|---|----|---|----|
| 31 | VLC78 | Chile | 1999 | Tomato | 1 | 1 | 1 | 4 | ND |
| 31 | VO407 | Chile | 2009 | Tomato | 1 | 1 | 1 | 4 | ND |
| 31 | VQ143 | Chile | 2000 | Tomato | 1 | 1 | 1 | 4 | ND |
| 31 | VQ28 | Chile | 1996 | Tomato | 1 | 1 | 1 | 4 | ND |
| 1 | VQ316 | Chile | 2004 | Tomato | 3 | 6 | 15 | 1 | ND |
| 31 | VQ381 | Chile | 2008 | Tomato | 1 | 1 | 1 | 4 | ND |
| 31 | VQ477 | Chile | 2010 | Tomato | 1 | 1 | 1 | 4 | ND |
| 31 | VQ519 | Chile | 2011 | Tomato | 1 | 1 | 1 | 4 | ND |
| 31 | VQ59 | Chile | 1998 | Tomato | 1 | 1 | 1 | 4 | ND |

ND: Not determined