

Genetic structure and population diversity of *Phytophthora infestans* strains in Pacific western Canada

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Supplemental Table S1: Allele size (bp) of different genotypes of *Phytophthora infestans* isolates generated from 12 simple sequence repeat (SSR) loci.

Genotypes †	No. of isolates	Allele size (bp) of SSR markers											
		PiG11	Pi02	PinfSSR11	D13	PinfSSR8	PinfSSR4	Pi04	Pi70	PinfSS R6	Pi63	PinfSS R2	Pi4B
US8	7	156/156	268/268	341/355	108/112	260/266	284/290/294	166/170	192/192	246/246	279/279	173/173	213/225
US11	121	134/156	260/268	331/341	110/110	266/266	284/294/302	160/166/170	192/192	246/246	279/279	173/173	213/213
US17	15	134/156	260/268	331/341	110/110	266/266	284/294	166/170	192/192	246/246	279/279	173/173	213/213
US23 var	5	142/156	268/270	331/341	134/134	260/266	288/294/296	168/170	192/192	246/246	270/279	173/175	213/217
CAC1	1	134/156	270/270	331/341	110/110	266/266	284/294/302	166/170	192/192	246/246	279/279	173/173	213/213
CAC2	2	134/156	260/270	331/341	110/110	266/266	284/294/302	166/170	192/192	246/246	279/279	173/173	213/213
CAC3	1	134/156	260/260	331/341	110/110	266/266	-	166/170	192/192	246/246	279/279	173/173	213/213
CAC4	10	134/156	260/268	331/341	110/110	-	294/302	166/170	192/192	246/246	279/279	173/173	213/213
CAC5	2	134/156	260/268	341/341	110/110	266/266	284/294/302	166/170	192/192	246/246	279/279	173/173	213/213
CAC6	5	134/156	260/268	331/341	110/110	266/266	294/302	160/166/170	192/192	246/246	279/279	173/173	213/213
CAC7	1	134/154	260/268	331/341	110/110	266/266	284/294/302	160/166/170	192/192	246/246	279/279	173/173	213/213
CAC8	1	134/156	260/268	331/341	110/110	260/270	284/294/308	166/170	192/192	246/246	279/279	173/173	213/213
CAC9	1	156/156	260/268	331/341	110/110	266/266	294/302	166/170	192/192	246/246	279/279	173/173	213/213
CAC10	1	156/156	260/268	331/341	110/110	266/266	284/294/302	160/166/170	192/192	246/246	279/279	173/173	213/213
CAC11	2	134/156	260/268	331/341	110/110	266/266	284/294/308	166/170	192/192	246/246	279/279	173/173	213/213
CAC12	1	134/156	260/268	341/355	108/112	260/260	284/290/294	166/170	192/192	246/246	279/279	173/173	213/225
CAC13	10	134/156	260/268	331/341	110/110	266/266	284/294/306	166/170	192/192	246/246	279/279	173/173	213/213
CAC14	4	134/156	260/268	341/341	108/110	266/266	284/294/310	166/170	192/192	246/246	279/279	173/173	213/213
CAC15	1	134/156	260/268	331/341	110/110	266/266	284/294/302	160/170	192/192	246/246	279/279	173/173	213/213
CAC16	2	134/156	260/268	331/341	110/110	266/266	284/294/310	166/170	192/192	246/246	279/279	173/173	213/213
CAC17	1	134/156	260/268	331/341	110/110	266/266	284/294/310	166/170	192/192	246/246	279/279	173/173	213/213
CAC18	1	134/156	260/268	331/341	108/110	266/266	294/310	166/170	192/192	246/246	279/279	173/173	213/213
CAC19	1	134/156	260/268	331/341	110/110	266/266	284/294/306	160/166/170	192/192	246/246	279/279	173/173	213/213
CAC20	1	134/156	260/268	331/341	108/110	266/266	284/294/300	160/166/170	192/192	246/246	279/279	173/173	213/213
CAC21	1	134/156	260/268	331/341	110/110	266/266	284/294/300	160/166/170	192/192	246/246	279/279	173/173	213/213
CAC22	2	134/156	260/268	331/341	110/110	266/266	284/294/300	166/170	192/192	246/246	279/279	173/173	213/213
CAC23	1	134/156	260/268	331/341	110/110	266/266	284/294/300	166/170	192/192	246/246	279/279	173/173	213/213
CAC24	6	134/156	260/268	341/341	108/110	266/266	284/294/302	166/170	192/192	246/246	279/279	173/173	213/213
CAC25	1	134/156	268/268	341/341	108/110	-	284/294	160/166/170	192/192	246/246	279/279	173/173	213/213
CAE1	1	142/156	270/270	331/341	134/134	260/266	288/294	170/170	192/192	246/246	270/279	173/175	213/217

† CAC, Canada coast; CAE, Eastern Canada. Both CAC and CAE genotypes are new (novel) genotypes.