Genetic characterisation of local common bean populations using ISSR markers

Phaseolus vulgaris L. – ISSR band profiles

1. Dataset description

A total of 134 common bean (*Phaseolus vulgaris* L.) plants from 21 local populations were analysed with 3 inter simple sequence repeat (ISSR) primers. ISSR markers are dominant and are reported as the presence (1) or absence (0) of each amplified band.

Species	*Phaseolus vulgaris* L.
Samples	134 plants from 21 local populations (PV codes)
ISSR markers	3 UBC primers; 36 scored bands (33 polymorphic, 91.7%)

2. ISSR markers

Table 1. ISSR primers, number of scored bands and polymorphism

Primer	Sequence (5′→3′)	No. of bands	Polymorphic bands	Polymorphism (%)	Size range (bp)
UBC-834	AGAGAGAGAGAGAGAGYT	13	13	100.0	338–1061
UBC-848	CACACACACACACACARG	12	12	100.0	197–1277
UBC-856	ACACACACACACACACYA	11	8	72.7	371–1119
Total		**36**	**33**	**91.7**	**197–1277**

Y = C/T; R = A/G.

3. Populations

Table 2. Bean populations and number of plants analysed

Population	No. of plants	Sample codes
PV1	10	PV1_1 – PV1_10
PV2	10	PV2_1 – PV2_10
PV3	10	PV3_1 – PV3_10
PV4	10	PV4_1 – PV4_10
PV5	10	PV5_1 – PV5_10
PV6	9	PV6_1 – PV6_9
PV7	10	PV7_1 – PV7_10
PV8	10	PV8_1 – PV8_10
PV9	10	PV9_1 – PV9_10
PV10	10	PV10_1 – PV10_10
PV11	10	PV11_1 – PV11_10
PV12	3	PV12_1 – PV12_3
PV13	3	PV13_1 – PV13_3
PV14	3	PV14_1 – PV14_3
PV17	3	PV17_1 – PV17_3
PV19	3	PV19_1 – PV19_3
PV20	2	PV20_1 – PV20_2
PV21	3	PV21_1 – PV21_3
PV22	1	PV22_1 – PV22_1
PV23	1	PV23_1 – PV23_1
PV25	3	PV25_1 – PV25_3

4. ISSR band profiles

Table 3. ISSR band profiles of 134 bean plants (band sizes in bp)

Sample	UBC-834													UBC-848												UBC-856											
	338	392	437	479	494	554	580	619	666	721	830	888	1061	197	244	285	325	350	406	512	558	648	676	885	1277	371	395	452	506	539	616	713	784	861	969	1119
Population PV1 (n = 10)																																				
PV1_1	1	0	0	1	1	0	1	1	1	1	0	1	1	0	0	1	1	1	0	1	1	1	0	0	0	1	0	0	1	0	1	1	1	1	0	0
PV1_2	1	0	0	1	1	0	1	1	1	1	0	1	1	0	0	1	1	1	0	1	1	1	0	0	0	1	0	0	1	0	1	1	1	1	0	0
PV1_3	1	0	1	1	1	0	1	1	0	1	0	1	1	0	0	1	1	1	0	1	1	1	0	0	0	1	0	0	1	0	1	1	1	1	0	0
PV1_4	1	0	1	1	1	0	1	1	0	1	0	1	0	0	0	1	1	0	0	1	1	1	0	0	0	1	0	0	1	0	1	1	1	1	0	0
PV1_5	1	0	1	1	1	0	1	1	0	1	0	1	1	0	0	1	1	0	0	1	1	1	0	0	0	1	0	0	1	0	1	1	1	1	0	0
PV1_6	1	0	1	1	1	0	1	1	0	1	0	1	1	0	0	1	1	1	0	1	1	1	0	0	0	1	0	0	0	0	1	1	1	1	0	0
PV1_7	1	0	1	1	1	0	1	1	0	1	0	1	1	0	0	1	1	1	0	1	1	1	0	0	0	1	0	0	0	0	1	1	1	1	0	0
PV1_8	1	0	1	1	1	0	1	1	1	1	0	1	0	0	0	0	1	0	0	1	1	1	0	0	0	1	0	0	0	0	1	1	1	1	0	0
PV1_9	1	0	0	1	1	0	1	1	1	1	0	1	0	0	0	0	1	0	0	1	1	1	0	0	0	1	0	0	0	0	1	1	1	1	0	0
PV1_10	1	0	1	1	1	0	1	1	1	1	0	1	0	0	0	0	1	1	0	1	1	1	0	0	0	1	0	0	0	0	1	1	1	1	0	0
Population PV2 (n = 10)																																				
PV2_1	1	0	0	1	1	0	1	1	1	1	0	1	0	0	0	1	1	0	0	1	1	1	0	0	0	1	0	0	0	0	1	1	1	1	0	0
PV2_2	1	0	1	1	1	0	1	1	0	1	0	1	0	0	0	1	1	0	0	1	1	1	0	0	0	1	0	0	0	0	1	1	1	1	0	0
PV2_3	1	0	1	1	1	0	1	1	1	1	0	1	0	0	0	1	1	0	0	1	1	1	0	0	0	1	0	0	0	0	1	1	1	1	0	0
PV2_4	1	0	1	1	1	0	1	1	1	1	0	1	1	0	0	1	1	1	0	1	1	1	0	0	0	1	0	0	1	0	1	1	1	1	0	0
PV2_5	1	0	1	1	1	0	1	1	1	1	0	1	0	0	0	1	1	0	0	1	1	1	0	0	0	1	0	0	1	0	1	1	1	1	0	0
PV2_6	1	0	1	1	1	0	1	1	1	1	0	1	0	0	0	1	1	0	0	1	1	1	0	0	0	1	0	0	1	0	1	1	1	1	0	0
PV2_7	1	0	0	1	1	0	1	1	1	1	0	1	1	0	0	1	1	0	0	1	1	1	0	0	0	1	0	0	1	0	1	1	1	1	0	0
PV2_8	1	0	0	1	1	0	1	1	1	1	0	1	0	0	0	1	1	0	0	1	1	1	0	0	0	1	0	0	1	0	1	1	1	1	0	0
PV2_9	1	0	0	1	1	0	1	1	1	1	0	1	0	0	0	0	1	0	0	1	1	1	0	0	0	1	0	0	0	0	1	1	1	1	0	0
PV2_10	1	0	0	1	1	0	1	1	1	1	0	1	0	0	0	0	1	0	0	1	1	1	0	0	0	1	0	0	1	0	1	1	1	1	0	0
Population PV3 (n = 10)																																				
PV3_1	1	1	0	1	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1
PV3_2	1	1	0	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	0	1	0	1	1	1	0	1	1	1	1	1	0	1	1	1
PV3_3	1	1	0	1	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1
PV3_4	1	1	0	1	1	1	0	0	0	0	1	1	1	0	0	1	0	0	0	0	1	0	1	0	1	1	1	1	1	1	1	1	0	1	1	1
PV3_5	1	1	0	1	1	1	0	0	0	0	1	1	1	0	0	1	0	1	0	0	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1
PV3_6	1	1	0	1	1	0	0	0	0	0	1	1	1	0	0	1	0	1	0	0	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1
PV3_7	1	1	0	1	1	1	0	0	0	0	1	1	1	0	0	1	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1
PV3_8	1	1	0	1	1	1	0	0	0	0	1	1	1	0	0	1	0	0	0	0	1	0	1	0	1	1	0	1	1	1	1	1	0	1	1	1
PV3_9	1	1	0	1	1	1	0	0	0	0	1	1	1	0	0	1	0	1	1	1	0	0	1	0	1	1	1	1	1	1	1	1	0	1	1	1
PV3_10														0	0	1	0	1	0	0	1	0	1	1	1	1	0	1	1	1	1	1	0	1	1	1
Population PV4 (n = 10)																																				
PV4_1	1	1	0	1	1	1	0	0	0	0	1	1	1	0	0	1	0	1	1	1	0	1	0	0	1	1	0	1	1	1	1	1	0	0	0	1
PV4_2	1	1	0	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	0	1	0	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1
PV4_3	1	1	0	1	1	1	0	0	0	1	1	1	1	0	0	0	1	0	0	1	0	1	1	0	1	1	0	1	1	1	1	1	0	1	1	1
PV4_4	1	1	0	1	1	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	0	1	0	1
PV4_5	1	1	0	1	1	1	0	0	0	0	1	1	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1
PV4_6	1	1	0	1	1	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	0	1	0	0	1	1	1	1	1	1	1	1	0	0	1	1
PV4_7	1	1	0	1	1	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	0	1	0	1
PV4_8	1	1	0	1	1	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1
PV4_9	1	1	0	1	1	0	0	0	0	1	1	1	1	0	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	0	1	0	1
PV4_10	1	1	0	1	1	0	0	0	0	0	1	1	1	1	0	1	1	1	0	1	0	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1
Population PV5 (n = 10)																																				
PV5_1	1	0	1	1	1	0	1	1	1	1	0	1	1	1	0	1	1	0	0	1	1	1	0	0	0	1	1	0	1	0	1	1	1	1	0	0
PV5_2	1	0	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	0	0	1	1	1	0	0	0	1	1	0	0	0	1	1	1	1	0	0
PV5_3	1	0	1	1	1	0	1	1	1	1	0	1	0	1	1	1	1	0	0	1	1	1	0	0	0	1	1	0	0	0	1	1	1	1	0	0
PV5_4	1	0	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	0	0	1	1	1	0	0	0	1	1	0	1	0	1	1	1	1	0	0
PV5_5	1	0	1	1	1	0	1	1	1	1	0	1	0	1	1	1	1	0	0	1	1	1	0	0	0	1	1	0	0	0	1	1	0	0	0	0
PV5_6	1	0	1	1	1	0	1	1	1	1	0	1	0	1	1	1	1	0	0	1	1	1	0	0	0	1	1	0	1	0	1	1	1	1	0	0
PV5_7	1	0	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	0	0	0	1	1	0	1	0	1	1	1	1	0	0
PV5_8	1	0	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	0	0	0	1	1	0	0	0	1	1	1	1	0	0
PV5_9	1	0	1	1	1	0	1	1	0	1	0	1	1	1	1	1	1	0	0	1	1	1	0	0	0	1	1	0	1	0	1	1	1	1	0	0
PV5_10	1	0	0	1	1	0	1	1	0	1	0	1	1	1	1	1	1	0	0	1	1	1	0	0	0	1	1	0	1	0	1	1	1	1	0	0
Population PV6 (n = 9)																																				
PV6_1	1	1	0	1	1	0	1	0	0	0	1	1	1	1	0	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1
PV6_2	1	1	0	1	1	0	0	0	0	0	1	1	1	0	1	1	1	1	0	0	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1
PV6_3	1	1	0	1	1	0	0	0	0	0	1	1	0	1	1	1	1	1	0	0	1	1	1	0	1	1	1	1	1	1	1	1	0	1	0	1
PV6_4	1	1	0	1	0	0	0	0	0	0	1	1	0	1	1	1	1	1	0	0	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1
PV6_5	1	1	0	1	1	0	0	0	0	0	1	0	0	1	0	1	1	1	0	1	0	1	1	0	1	1	1	1	1	0	1	1	0	1	0	1
PV6_6	1	1	0	1	1	0	0	0	0	0	1	1	1	1	0	1	1	1	0	1	0	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1
PV6_7	1	1	0	1	1	1	0	0	0	0	1	1	1	0	1	1	0	1	0	0	1	0	1	0	1	1	1	1	1	1	1	1	0	1	1	1
PV6_8	1	1	0	1	1	0	0	0	0	0	1	1	1	0	1	1	0	1	0	0	1	1	1	0	1	1	1	1	1	1	1	1	0	1	0	1
PV6_9	1	1	0	1	1	0	0	0	0	0	1	1	1	0	1	1	0	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1
Population PV7 (n = 10)																																				
PV7_1	1	1	0	1	1	0	0	0	0	0	1	1	1	0	0	1	0	1	0	0	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1
PV7_2	1	1	0	1	1	0	0	0	0	0	1	1	1	0	1	0	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1
PV7_3	1	1	0	1	1	0	0	0	0	0	1	0	1	1	0	1	1	1	1	0	0	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1

Sample	UBC-834													UBC-848												UBC-856											
	338	392	437	479	494	554	580	619	666	721	830	888	1061	197	244	285	325	350	406	512	558	648	676	885	1277	371	395	452	506	539	616	713	784	861	969	1119
PV7_4	1	1	0	1	1	0	0	0	0	0	1	1	1	0	1	1	1	1	0	1	0	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1
PV7_5	1	1	0	1	1	0	0	0	0	0	1	0	1	0	0	0	1	1	0	1	0	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1
PV7_6	1	1	0	1	1	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1
PV7_7	1	1	0	1	1	1	0	0	0	0	1	1	1	0	0	1	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1
PV7_8	1	1	0	1	1	1	0	0	0	0	1	1	1	1	0	1	0	1	0	0	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1
PV7_9	1	1	0	1	1	0	0	0	0	0	1	1	1	1	0	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1
PV7_10	1	1	0	1	1	1	0	0	0	0	1	1	1	1	0	1	1	1	0	0	1	1	1	0	1	1	1	1	1	1	1	1	0	0	1	1
Population PV8 (n = 10)																																				
PV8_1	1	1	0	1	1	0	0	0	0	0	1	0	1	1	0	1	1	0	0	1	0	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1
PV8_2	1	1	0	1	1	1	0	0	0	0	1	1	1	1	0	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
PV8_3	1	1	0	1	1	0	0	0	0	0	1	1	1	0	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1
PV8_4	1	1	0	1	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
PV8_5	1	1	0	1	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
PV8_6	1	1	0	1	1	1	0	0	0	0	1	0	1	0	0	1	1	1	0	0	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1
PV8_7	1	1	0	1	1	1	0	0	0	0	1	0	1	1	0	1	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1
PV8_8	1	1	0	1	1	0	0	0	0	0	1	1	1	0	0	1	1	1	0	0	1	1	1	0	1	1	1	1	1	1	1	1	0	0	1	1
PV8_9	1	1	0	1	1	1	0	0	0	0	1	1	1	0	0	1	1	1	0	1	0	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1
PV8_10	1	1	0	1	1	0	0	0	0	0	1	1	1	1	0	1	0	1	0	1	0	1	0	0	1	1	1	1	1	1	1	1	1	0	0	0
Population PV9 (n = 10)																																				
PV9_1	0	1	0	0	0	1	0	1	0	1	1	0	1	1	1	1	1	1	0	1	1	1	0	0	0	1	1	1	1	0	1	1	1	0	0	0
PV9_2	1	0	0	1	1	1	0	1	1	1	0	0	1	1	0	1	0	1	0	1	1	1	0	0	0	1	1	0	1	0	1	1	1	0	0	0
PV9_3	1	1	0	1	1	1	0	1	1	1	0	1	1	0	0	1	1	0	0	1	1	1	0	0	0	1	1	0	1	0	1	1	1	1	0	0
PV9_4	1	0	0	1	1	1	0	1	1	1	0	1	0	1	0	1	1	0	0	1	1	1	0	0	0	1	1	0	1	0	1	1	1	1	0	0
PV9_5	1	1	0	1	1	1	0	1	1	1	0	1	0	1	0	0	1	0	0	1	1	1	0	0	0	1	1	0	1	0	1	1	1	1	0	0
PV9_6	1	0	0	1	1	1	0	1	1	1	0	1	0	1	0	1	1	0	0	1	1	1	0	0	0	1	1	0	1	0	1	1	1	0	0	0
PV9_7	1	0	0	1	1	1	0	1	1	1	0	1	0	1	0	1	1	0	0	1	1	1	0	0	0	1	1	0	1	0	1	1	1	0	0	0
PV9_8	1	1	0	1	1	1	0	1	1	1	0	1	0	1	0	1	1	1	0	1	1	1	0	0	0	1	1	0	1	0	1	1	1	0	0	0
PV9_9	1	0	0	1	1	1	0	1	1	1	0	1	0	1	0	1	1	0	0	1	1	1	0	0	0	1	1	1	1	0	1	1	1	1	0	0
PV9_10	1	0	0	1	1	1	0	1	1	1	0	1	0	1	0	1	1	0	0	1	1	1	0	0	0	1	1	0	1	0	1	1	1	1	0	0
Population PV10 (n = 10)																																				
PV10_1	1	0	0	1	1	1	0	1	0	0	1	1	1	0	0	1	0	1	0	0	1	1	1	0	1											
PV10_2	1	1	0	1	1	1	0	0	0	0	1	1	1	0	0	1	0	1	0	0	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1
PV10_3	1	1	0	1	1	1	0	0	0	0	1	1	1	0	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
PV10_4	1	1	0	1	1	1	0	0	0	0	1	1	1	1	0	1	0	1	0	1	0	1	0	0	1	1	1	1	1	1	1	1	0	0	1	1
PV10_5	1	1	0	1	0	1	0	0	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1
PV10_6	1	1	0	1	0	1	0	0	0	0	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
PV10_7	1	1	0	1	1	1	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	0	1
PV10_8	1	1	0	1	0	1	0	0	0	0	1	1	1	1	1	1	0	1	1	0	1	1	1	0	1	1	1	1	1	0	1	1	0	1	1	1
PV10_9	1	1	0	1	0	1	0	0	0	0	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
PV10_10	1	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
Population PV11 (n = 10)																																				
PV11_1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0	1	0	1	1	1	0	0	0	1	1	0	1	0	1	1	0	1	0	0
PV11_2	1	1	1	1	0	1	1	1	1	1	1	0	0	1	1	1	0	1	1	1	1	1	0	0	0	1	1	0	1	0	1	1	0	1	0	0
PV11_3	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	0	0	0	1	1	0	0	0	1	1	1	1	0	0
PV11_4	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0	1	1	1	1	1	0	0	0	1	1	0	1	0	1	1	1	1	0	0
PV11_5	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	0	1	1	0	0	0	0	1	1	0	1	0	1	1	1	1	0	0
PV11_6	1	1	1	1	0	1	1	1	0	1	1	1	0	1	1	1	0	1	0	1	1	1	0	0	0	1	1	0	1	0	1	1	1	1	0	0
PV11_7	1	1	1	1	0	1	1	1	0	1	1	1	0	1	1	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	1	1	1	1	0	0
PV11_8	1	1	1	1	0	1	1	1	0	1	1	1	0	1	1	1	0	1	1	1	1	1	0	0	0	1	1	0	1	0	1	1	1	1	0	0
PV11_9	1	1	1	1	0	1	1	1	0	1	1	1	0	1	1	1	0	1	0	1	1	1	0	0	0	1	1	0	1	0	1	1	1	1	0	0
PV11_10	1	1	1	1	0	1	1	1	0	1	1	0	0	1	1	1	0	1	1	1	1	1	0	0	0	1	1	0	0	0	1	1	1	1	0	0
Population PV12 (n = 3)																																				
PV12_1	1	1	0	0	1	1	0	1	0	0	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PV12_2	1	1	0	0	1	1	0	1	0	0	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PV12_3	1	1	0	0	1	1	0	1	0	0	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Population PV13 (n = 3)																																				
PV13_1	1	0	0	1	1	0	1	1	1	1	0	1	1	1	1	1	0	1	0	0	0	1	1	1	0	1	1	0	0	1	1	1	1	1	1	0
PV13_2	1	0	0	1	1	0	1	1	1	1	0	1	1	1	1	1	0	1	0	0	0	1	1	1	0	1	1	0	0	1	1	1	1	1	1	0
PV13_3	1	0	0	1	1	0	1	1	1	1	0	1	1	1	1	1	0	1	0	0	0	1	1	1	0	1	1	0	0	1	1	1	1	1	1	1
Population PV14 (n = 3)																																				
PV14_1	1	1	0	0	1	1	0	1	0	0	1	1	1	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PV14_2	1	1	0	0	1	1	0	1	0	0	1	1	1	0	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1
PV14_3	1	1	0	0	1	1	0	1	0	0	1	1	1	0	1	1	0	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Population PV17 (n = 3)																																				
PV17_1	1	1	0	0	1	1	0	1	0	0	1	1	1	1	1	1	0	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PV17_2	1	1	0	0	1	1	0	1	0	0	1	1	1	1	1	1	0	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PV17_3	1	1	0	0	1	1	0	1	0	0	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1
Population PV19 (n = 3)																																				
PV19_1	1	0	0	1	1	0	1	1	1	1	0	1	1	1	1	1	0	1	0	0	0	1	1	1	0	1	1	0	0	1	1	1	1	1	1	0
PV19_2	1	0	0	1	1	0	1	1	1	1	0	1	1	1	1	1	0	1	0	0	0	1	1	1	0	1	1	0	0	1	1	1	1	1	1	0
PV19_3	1	0	0	1	1	0	1	1	1	1	0	1	1	1	1	1	0	1	0	0	0	1	1	1	0	1	1	0	0	1	1	1	1	1	1	0
Population PV20 (n = 2)																																				
PV20_1	1	1	0	0	1	1	0	0	0	0	1	1	1	0	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PV20_2	1	1	0	0	1	1	0	1	0	0	1	1	1	0	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Sample	UBC-834													UBC-848												UBC-856										
	338	392	437	479	494	554	580	619	666	721	830	888	1061	197	244	285	325	350	406	512	558	648	676	885	1277	371	395	452	506	539	616	713	784	861	969	1119
Population PV21 (n = 3)																																				
PV21_1	1	0	0	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	1	1	1	0	1	1	0	0	1	1	1	1	1	1	1
PV21_2	1	0	0	1	1	0	1	1	1	1	0	1	1	1	1	1	0	1	0	0	0	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1
PV21_3	1	0	0	1	1	0	1	1	1	1	0	1	1	1	1	1	0	1	0	0	0	1	1	1	0	1	1	0	0	1	1	1	1	1	1	1
Population PV22 (n = 1)																																				
PV22_1	1	1	0	0	1	1	0	0	0	0	1	1	1	0	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Population PV23 (n = 1)																																				
PV23_1	1	1	0	0	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Population PV25 (n = 3)																																				
PV25_1	1	0	0	1	1	0	1	1	1	1	0	1	1	1	1	1	0	1	0	0	1	1	1	1	0	1	1	0	0	1	1	1	1	1	1	0
PV25_2	1	0	0	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	0	0	1	1	1	1	1	1	0
PV25_3	1	0	0	1	1	0	1	1	1	1	0	1	1	1	1	1	0	1	0	0	1	1	1	1	0	1	1	0	0	1	1	1	1	1	1	0

Dark cell = band present (1); white cell = band absent (0); grey cell = no data.