

Table S7. InDel markers (2049) polymorphic between found common between two mapping populations (Pusa 1103 x ILWC 46) and (Pusa 256 x ILWC 46) with reference to *kabuli* (CDC Frontier) genome

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_248	Ca2	35944964	TCCAACCATACCTGAAAGGC	CTCGTGCGAACTGTGTGTT	59.93	313	CDS (large-effect mutations)	Ca_09769		
CaPOPI_II_592	Ca5	24097297	CAGAGCCAACTACAGGCA	ATTTGAAGGCCATGTGAAG	60.05	329	CDS (large-effect mutations)	Ca_17656	S	
CaPOPI_II_1490	scaffold3015	68656	TTCGCAGACAAACTCATGCTGC	AGCATTATGGGCCATCTGAG	60.00	283	CDS (large-effect mutations)	Ca_27318		
CaPOPI_II_470	Ca4	30538166	TTGTTCTTGCAATTCATTTTG	CGGCATCTCCTCTTCTTTG	59.98	380	CDS (large-effect mutations)	Ca_14204		NAC
CaPOPI_II_1445	scaffold2763	9760	ATGCCAGTCGTTATTCCAG	GAGATGCCATTGAAGCCATT	59.96	400	CDS (large-effect mutations)	Ca_24393	R	
CaPOPI_II_275	Ca3	6838667	GGAACCCACATCATCATC	GCAGCCAATTTGTGTCATA	60.00	547	CDS (large-effect mutations)	Ca_16550	R	bHLH
CaPOPI_II_998	Ca8	15577896	TTTTCAGCAAACCCCAAAG	TAGAGGCTTGTCATTCGGCT	60.08	665	CDS (large-effect mutations)	Ca_17886	T	EIL
CaPOPI_II_1031	scaffold1067	203101	TGAAACTGGGAGGAGGAAGA	CAGTGCATGGAGAAATCAA	59.77	418	DRR	Ca_24425		
CaPOPI_II_1065	scaffold1180	36749	TACGGTTCGATCTCATGCAA	TGCCTCTTCCCCTGTTCTA	60.22	419	DRR	Ca_25737		G2-like
CaPOPI_II_1104	scaffold1309	58470	TGGGTAACGTAACTACGGC	ATCCGGTAAAAATCTCCGCT	59.88	951	DRR	Ca_26763		
CaPOPI_II_1112	scaffold1316	13036	ACATGCACAGAGAATGCCAA	GTGCCAGTCGATTGCCTAAT	60.27	631	DRR	Ca_28021		
CaPOPI_II_1136	scaffold1335	46272	TTCGTGCAACTGACGCTAAC	CCATTGGATTAAAAGAAGCC	60.06	345	DRR	Ca_28106	S	
CaPOPI_II_1139	scaffold1359	74591	TGGGTGGGAGTAATTTTCG	TTAAAGAGATTCGCTGCGGT	59.80	297	DRR	Ca_26683	KR	G2-like
CaPOPI_II_1166	scaffold1448	99427	CCAGGAAATGACCCCTATT	TTTATTTTAGCGCGGTGTCC	60.01	774	DRR	Ca_26688		
CaPOPI_II_1174	scaffold1467	11911	TCGCAGCTGTGATGCTAAGT	ATGGGAGGTCTTGTGCAAGTT	59.77	359	DRR	Ca_26807	Q	GeBP

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1189	scaffold1521	10780	TCATGTGAACAATGCAACCA	CCACAGCTTGTCTGTGCGTA	59.52	296	DRR	Ca_26977		bHLH
CaPOPI_II_1260	scaffold1708	68435	GAAAAAGCGCTGTAAATGGC	CATTGAGACGTGAGCAAAA	59.86	510	DRR	Ca_27642		
CaPOPI_II_1264	scaffold1731	49034	ATGGGAAGCAACAACGATTTC	CCGTACCGTTTCTGGGATAA	59.94	784	DRR	Ca_27041	IR	
CaPOPI_II_1267	scaffold1731	85329	TCTCCGCATAAGCTTTCGAT	GCTTCGACACTGTAGCACCTC	59.95	478	DRR	Ca_27043		
CaPOPI_II_1268	scaffold1731	86422	TTTGGGAATTCCTGCTCTG	GTGACACCCTAAACCCAAA	60.18	299	DRR	Ca_27043		
CaPOPI_II_1288	scaffold1844	167253	CCCCAATTTGCGATCAATAA	TCAAACTAAGAAACTGCCAA	60.64	694	DRR	Ca_24145		
CaPOPI_II_129	Ca1	46531041	GCGAAAATAATGTTGATGCAGA	GTCTGCGGATAATTTCTGCTT	60.10	139	DRR	Ca_21551	M	
CaPOPI_II_13	Ca1	2885377	GCCATTGTTAACTCCGCAAT	CATTTGGAGAGGGCATAAGGA	59.97	360	DRR	Ca_00351	T	M-type
CaPOPI_II_1307	scaffold1959	47247	TCCTCCTCAAGTTGGAGCAT	ATATTGCATTGCAGTGGTGG	59.80	458	DRR	Ca_26462	K	G2-like
CaPOPI_II_1310	scaffold1964	11011	ATGTTCTCGCCAATCATTC	TTCCAAAAGAGGAATGGTGC	59.90	771	DRR	Ca_25209	G	
CaPOPI_II_1316	scaffold1981	317439	TCTCATTTGCTCCGACTCT	TTGTCTCAACAATCTCCCCC	59.95	501	DRR	Ca_21265		
CaPOPI_II_1324	scaffold2010	3634	AATCGATTGATTCAGCCAG	TGATTTCCAACGGTCATCAA	60.04	869	DRR	Ca_27976		
CaPOPI_II_134	Ca2	753916	TTGCCCATTAACTTTACCCG	ACTTGTGCATTGCATTAGTTC	59.83	555	DRR	Ca_17000		ARF
CaPOPI_II_1344	scaffold2033	183883	CTTGGGGTGGCAAGTACAGT	TCGAATACATGAATTAACAAAAGGA	60.03	371	DRR	Ca_26143		bHLH
CaPOPI_II_1391	scaffold2368	53512	AACCCTGGAGATGGGAAAGT	CTAGCCATTAGCTTCGACCG	59.80	607	DRR	Ca_26720	P	
CaPOPI_II_1392	scaffold2368	54204	CATCGGTCAAACACCATCTG	GCTTTGCAGAACATGCGTAA	59.96	490	DRR	Ca_26720	P	

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							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_142	Ca2	3901844	GTCGCTATCTCCCCAGT GAA	CATTCTGTGCCGCTATC TGA	60.22	248	DRR	Ca_10466	GT	
CaPOPI_II_1426	scaffold2617	320997	TGGGGTATTCTTTACG TCTT	TGAAAGAGGGGAAAAG GAGC	57.62	296	DRR	Ca_21883		WRKY
CaPOPI_II_1427	scaffold2617	321825	TTGGTCATGCGCACATA ATA	GATGGCTGTGTCGGAG ACTT	58.58	529	DRR	Ca_21883		WRKY
CaPOPI_II_1438	scaffold271	205973	GCACCGTGAGTAAATTC GGT	TATTTTGGATTTTGGCT CGG	60.00	692	DRR	Ca_25334		
CaPOPI_II_144	Ca2	4812881	AACCAGTTCGGTTCCAA GTG	TCCCCCAAACAGAATT GAG	60.01	731	DRR	Ca_21090		MYB
CaPOPI_II_1448	scaffold277	205504	GGTTTAGGTGTGGGAG TGGA	TGATACAAGGTTCAACC GCA	59.82	444	DRR	Ca_25752		
CaPOPI_II_1485	scaffold296	261904	CCATACACATGAGAGTT GCGA	TTGACTCAGCCTTAAAT TTTTATTGA	59.73	534	DRR	Ca_20542		
CaPOPI_II_1486	scaffold296	262823	CACTTTTTAACCGGAGG AATG	GCAGTGGATAAGGCCG ATAA	58.62	140	DRR	Ca_20542		
CaPOPI_II_1491	scaffold3015	69170	GGCCCATAAATGCTCAAG TGT	TCATAGGCATGGGATTT GAA	59.96	472	DRR	Ca_27318		
CaPOPI_II_1498	scaffold303	162542	GCCATTTACAGCGCTTT TTC	TGAAATTATGGGTGGGC ATT	59.86	357	DRR	Ca_26661		Trihelix
CaPOPI_II_1505	scaffold311	131360	GAAGCTCAGATGGCACA CAA	CAATCTCCCTTGAGT TGA	59.99	716	DRR	Ca_26332		
CaPOPI_II_1511	scaffold3134	12154	TAAACGAGGTAAACCGG TGC	GAAAGTCGCATGTGCAA CAC	60.00	437	DRR	Ca_27104	O	C2H2
CaPOPI_II_1573	scaffold362	166434	CCCGGTATTGTTTGTGC TCT	CACATCAGCCACATTTG ACC	59.99	774	DRR	Ca_24991	C	
CaPOPI_II_1585	scaffold374	205813	AGCTGTTTCTGCTAGGC TGG	TTTATTTACGCGAATGC CCT	59.78	941	DRR	Ca_26214	O	
CaPOPI_II_1638	scaffold414	21975	TTCTATTGCTCACCCC TTG	GAAAAACAAGACCCGC GATA	60.07	516	DRR	Ca_27849		
CaPOPI_II_1654	scaffold433	165941	AAAATTGAAACATCCGA CGC	ACTTGTGCTGGACGAA TCT	59.95	512	DRR	Ca_26821		

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							Sequence components of kabuli genome	Kabuli gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1666	scaffold4511	22953	CTCCCCCTGAGTTTGG AAT	GACGACAATCACCCGAA GAT	60.30	753	DRR	Ca_28219		Trihelix
CaPOPI_II_1739	scaffold543	229568	TTTGCCCCCAACTCTAC ATC	ATGGGCACATGCTATCA TCA	59.93	755	DRR	Ca_24786		
CaPOPI_II_1740	scaffold544	147706	CCCCCTTTTGCATAAG TGA	GAGGAGACATCTGCTG AGGG	59.93	582	DRR	Ca_26540		
CaPOPI_II_1745	scaffold548	212010	GGAACACTTCGGTGTG GACT	CATGTCCCGAAAAGAGC AAT	60.01	563	DRR	Ca_21489		
CaPOPI_II_1752	scaffold561	25431	TTGATTCATCAACACC GGA	AAATTGGGTTCTGCCAA TCA	59.90	399	DRR	Ca_26215		MYB_relate d
CaPOPI_II_1757	scaffold575	65125	TTGAAGTTAAGGGGTGC TGC	TCCATCCAACCTTGTGG ATT	60.25	531	DRR	Ca_27003		
CaPOPI_II_1781	scaffold587	18087	GTCCTTGCCTTATGCT TGT	TGCTTGATTGCTTGAGA TCC	60.42	347	DRR	Ca_27621		
CaPOPI_II_1791	scaffold593	209468	GCAAACCTTTGCAAAAA GAAA	GGAATAAAATATGCATC CGAGC	59.39	153	DRR	Ca_26412		C2H2
CaPOPI_II_1792	scaffold593	209698	GCAAACCTTTGCAAAAA GAAA	GGAATGGAAATAATTGA AAAGTTTG	59.39	847	DRR	Ca_26412		C2H2
CaPOPI_II_1806	scaffold599	373801	CCCCCTAAGTTCATTCC ACA	GGCTTGTCGTCGGTA AATA	59.78	567	DRR	Ca_25347		
CaPOPI_II_1834	scaffold647	200535	CAAGCTGTGCGTTGAAG ACA	AACAATCTCCCCCTTTT TGG	60.03	603	DRR	Ca_27495		
CaPOPI_II_1856	scaffold682	239323	CAACTCCCCTGCAAAC TTA	TGCGTGACAGGAACAA GAAG	60.10	417	DRR	Ca_23188	R	ERF
CaPOPI_II_1885	scaffold724	100088	ACAGGAGGGTGATCGA GAGA	TGCATACTTGTTGGCA TTTT	59.79	727	DRR	Ca_25051	Q	NAC
CaPOPI_II_1886	scaffold724	100193	CTGTAAGCGGAGAAAAT TGG	TTGCATACTTGTTGGC ATTT	57.52	319	DRR	Ca_25051	Q	NAC
CaPOPI_II_1887	scaffold724	100328	CTGTAAGCGGAGAAAAT TGG	AATGGTAGTCCCTCTGG CCT	57.52	690	DRR	Ca_25051	Q	NAC
CaPOPI_II_1888	scaffold724	100591	AAATGCCACACAAGTAT GCAA	AATGGTAGTCCCTCTGG CCT	59.10	392	DRR	Ca_25051	Q	NAC

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							Sequence components of kabuli genome	Kabuli gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1895	scaffold731	94332	GAGCGCTGTAAAGACC TCC	TGAAGATGGTTTGAAT GGA	59.08	188	DRR	Ca_23810		B3
CaPOPI_II_1896	scaffold731	315903	AACTCGAAGTGCCATGC TTT	CAATACGCAATGGTGGT GAG	59.88	660	DRR	Ca_23814	J	
CaPOPI_II_1900	scaffold731	361613	TGTGCTATTGCTCAAAT CCG	AGCAGTCGTTTCCAGCT GTT	59.83	640	DRR	Ca_23818		
CaPOPI_II_1905	scaffold7330	2275	TTGGTCGACAAGCAACT GAG	AAAATCCAACAATCTCC CCC	60.03	699	DRR	Ca_28207		
CaPOPI_II_1918	scaffold750	360259	TGTTTGCTTGCTGCTT TGC	AAAATCCAACAATCTCC CCC	60.18	626	DRR	Ca_25944		
CaPOPI_II_1934	scaffold775	449733	CTCTCTTGCGCATCA ACT	TTGACCATGACACATGC CTT	58.34	459	DRR	Ca_23414		NAC
CaPOPI_II_1943	scaffold7923	2123	TCGGGGTCTTTAGTCGT CAT	GCGAGGAAGCAAAAGC TAGA	59.55	796	DRR	Ca_27506	O	
CaPOPI_II_1944	scaffold7923	22242	TTTCCCCACTTGGTCCT TTA	TTTGC GTTACGAATTTG ATGA	59.54	177	DRR	Ca_27507	QI	bHLH
CaPOPI_II_1985	scaffold877	10844	GCAGCAGTTGCAGCAG TTTA	TGATTAGCGTCGGTGT CAG	60.35	601	DRR	Ca_28083	F	
CaPOPI_II_1990	scaffold886	151276	AGGGATGCTTGTAGTG GTTGA	TTTGACGTGCATCCAAT GTT	59.61	162	DRR	Ca_26671		
CaPOPI_II_1993	scaffold892	33546	TCCCAATTTGGTTTGG TGT	TGGAATCTTCACCCTGA CAA	60.07	713	DRR	Ca_27455	R	
CaPOPI_II_1994	scaffold892	33776	TCAAAAGACACCAAATG GAAAA	TGGAATCTTCACCCTGA CAA	59.47	251	DRR	Ca_27455	R	
CaPOPI_II_1995	scaffold892	42751	GACGATGAAAAATATGC GGG	TGTTGATTGGCGAACAC AAT	60.29	387	DRR	Ca_27456		
CaPOPI_II_20	Ca1	6205233	GGGTATTGGATAAAAAAT TTCAAAAA	TGAAAAATTAAGGGACGG GTTT	58.74	604	DRR	Ca_07880	T	
CaPOPI_II_2002	scaffold916	3519	ACATCTCATGCCATTGT GGA	GAGACAGTCAGAAGGC CACC	59.93	520	DRR	Ca_21034	G	E2F/DP
CaPOPI_II_207	Ca2	30369374	TGTACTTCTCCGATTTC CAAA	TGAATGACGACGACGG TAAA	59.56	632	DRR	Ca_12515	Q	

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							Sequence components of <i>katuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_210	Ca2	30449164	TGTTGCAAAGAGAAAGA ACTTCA	TGACGGTGGCAATCGA TATT	59.19	557	DRR	Ca_12507		
CaPOPI_II_220	Ca2	32173774	ATGTTTTGATTGGGGCT TTG	TAAATCAGCCCTTTTGG TGG	59.80	631	DRR	Ca_17806		WRKY
CaPOPI_II_273	Ca3	6772905	TCCCTTTGTCTTTTCGC ACT	CACTGCCGTTCTTCACT TCA	59.85	383	DRR	Ca_16559	R	NAC
CaPOPI_II_274	Ca3	6774064	TTTGCTGGACTTTGAAG CCT	CCCGGTCCTAGAGAGA AAGA	59.99	640	DRR	Ca_16559	R	NAC
CaPOPI_II_283	Ca3	10398321	CGGATTGCCAAGTACAA GGT	CAAACCACAACCAGCAC AAC	59.99	770	DRR	Ca_18819	J	
CaPOPI_II_296	Ca3	15072147	GAGTGGTGTGGAGTC ATGTTT	AGACATGTGTTCCCTT CCG	58.97	424	DRR	Ca_17011		
CaPOPI_II_315	Ca3	19368565	GGTGATGCATGATGATT TGC	TGGGTTAGCTTTTGGGA TTG	59.90	630	DRR	Ca_19336		
CaPOPI_II_318	Ca3	19383912	GTCAGGTCAGGCTGGA AAAA	TCGTCTTAATCCACTTG GTGC	60.23	436	DRR	Ca_19337		
CaPOPI_II_323	Ca3	23016776	GCACACCTATGTGGTCT TGC	CCATTTTGTGCAAGTTT GGTT	59.17	615	DRR	Ca_06208	QR	B3
CaPOPI_II_325	Ca3	25585812	TGTTTCGTTTTTGTCC CTCT	TCCATTGCAATCGTACT TAATGA	58.73	735	DRR	Ca_05976		B3
CaPOPI_II_352	Ca3	38174447	TTCACATCCCACTCAT CGG	CTGGCACTGGCATTCTT AAT	60.53	628	DRR	Ca_01161		NF-YA
CaPOPI_II_353	Ca3	38215897	TGTTGCCTGGAATGAG TTG	TGCTGCATTGAAATCGA GTC	59.69	688	DRR	Ca_01165	R	
CaPOPI_II_358	Ca4	2035697	AGTCCAGTCTAAGCTGC CCA	TGGAATCATGCCATGCT AGA	60.01	436	DRR	Ca_07823	R	MYB
CaPOPI_II_359	Ca4	2035798	AGTCCAGTCTAAGCTGC CCA	TGGAATCATGCCATGCT AGA	60.01	436	DRR	Ca_07823	R	MYB
CaPOPI_II_361	Ca4	4196538	ATTGGCCGAAATTGTA CTG	TAACCCAAGGCCATATC CTG	59.82	841	DRR	Ca_03838	R	
CaPOPI_II_362	Ca4	4487412	TCAGACTCTCCGAACG ATT	CGTACGACGTCTTTCGT CAA	59.80	281	DRR	Ca_03808		

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CaPOPI_II_367	Ca4	8193266	GCATCTCTCCAAGATGT CTGC	TGGGAATTGGGAGCTAT CAG	59.97	620	DRR	Ca_08309	R	
CaPOPI_II_382	Ca4	12571013	GGCTCACATCAGGAATG GAT	GGCTCTTGGTCATTGGA TGT	59.89	968	DRR	Ca_04479	E	
CaPOPI_II_385	Ca4	13617448	GGGCCTTTTCTTCAGCT TTT	TGCATGTTATCCGCAAT CTC	59.84	713	DRR	Ca_04579		
CaPOPI_II_389	Ca4	14405755	ATGTGCATGCCAAGTTG TGT	ACCTATAAGCCCTTTGC GCT	60.04	963	DRR	Ca_05663	E	MYB
CaPOPI_II_390	Ca4	14406133	TTGGTTCCACATTGTAC CCC	CCATTGGTTGGGATATG GAG	60.47	892	DRR	Ca_05663	E	MYB
CaPOPI_II_414	Ca4	22134995	GCACCTATGGTGGCAAA AAC	TTTGATGCCACATTGA AGA	60.37	506	DRR	Ca_20134	J	
CaPOPI_II_425	Ca4	25457334	CATTTTACTCATCGATCT TTGTGG	TGGACAAAATCATGTCT CTTTGA	59.90	336	DRR	Ca_16577		
CaPOPI_II_429	Ca4	25916811	ATGGTAACAGATATCGC CGC	ATTGTAGCATTGCCCAA AGG	59.95	627	DRR	Ca_16606	I	
CaPOPI_II_43	Ca1	24030518	CCAATTCAAAGCTCCC AAA	CAGATCCTCCTTTCCCA ACA	60.05	424	DRR	Ca_19291	OK	
CaPOPI_II_430	Ca4	25962811	TGGTTGGAAGCTCCAGA AGT	GAAAAGGTGAGGAATC GCTG	59.84	275	DRR	Ca_16607		B3
CaPOPI_II_449	Ca4	27267123	CCCTCAACTCAACTGAG ATCC	TGCATTGGTTTGAATTT GGA	58.73	568	DRR	Ca_20461	R	
CaPOPI_II_450	Ca4	27283830	TATTGGTCGTCAAGCAG CAG	TTTCCCAATCGATTGC TTC	60.01	681	DRR	Ca_20463		
CaPOPI_II_48	Ca1	28910299	GAAAATGATCGGTGGAG GAA	CTTGCGTGTTCACGA GTAT	59.87	620	DRR	Ca_18486	R	
CaPOPI_II_488	Ca4	33308913	TCATTTTCCCCTCGTTT CTG	TTGGCCAAAACCTTTTG ATG	60.04	183	DRR	Ca_24021	R	C2H2
CaPOPI_II_49	Ca1	28910492	GAGTCATTGGTGCCTTG GTT	CTTGCGTGTTCACGA GTAT	59.97	385	DRR	Ca_18486	R	
CaPOPI_II_506	Ca4	39038460	CCGGTCACATTCAATAG CCT	ATTGCGTTGTTTCTTCC AGG	59.96	411	DRR	Ca_13078	A	

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CaPOPI_II_515	Ca4	44522624	GAAGTTGCTTGCTCCGATTC	CCCTAGCAAGTGCTAACCCA	59.96	675	DRR	Ca_09124		ERF
CaPOPI_II_521	Ca4	48314680	GTAATGCGTTTGACCTGCAA	ATAGGCGCATCTCAATCACC	59.74	649	DRR	Ca_10756		BBR-BPC
CaPOPI_II_527	Ca5	210200	TTAAACACCCGTGTTGTGGA	AAATGGCTTAGGGAGGAGAGA	59.86	607	DRR	Ca_18176		C2H2
CaPOPI_II_528	Ca5	210510	TCTCCCTCCCTAAGCCATTT	GAATTATCCGCTGCTTGACAT	60.03	201	DRR	Ca_18176		C2H2
CaPOPI_II_532	Ca5	291688	AAAGAGCCAAAGAAGCACC	AGCAAATGCGACTGTGATTG	59.99	722	DRR	Ca_18186		
CaPOPI_II_533	Ca5	291943	TTCGTGGCTTAATCCCATCTC	GTCTGGTGCTCTTCCCATC	60.07	517	DRR	Ca_18186		
CaPOPI_II_534	Ca5	292149	AAAGTGCCGAAGTTTGACAGT	TGCTTTCCCTTCAACAGTCA	59.92	485	DRR	Ca_18186		
CaPOPI_II_535	Ca5	360986	TGTGAGTTTAAGGGAGGGGA	GCATCCAGGATCAGAGGTGT	59.52	390	DRR	Ca_18192	P	
CaPOPI_II_569	Ca5	11983861	CTGCTGTCAACTCCACTCCA	TCAAAATCCCCCAATAACCA	60.02	713	DRR	Ca_17106		
CaPOPI_II_576	Ca5	16765808	CGATCGTGCTACGTCTTCAA	TGGTGGGAATGTTGTGATTG	60.01	677	DRR	Ca_17941	R	HSF
CaPOPI_II_58	Ca1	29846530	TGGATTGGGGATCATTCATT	TCAACATTGGAAGCACAAAGA	59.95	897	DRR	Ca_24388		
CaPOPI_II_588	Ca5	22919631	GATTTGGTGGAATCTCCGAA	GCCACCGACTACTTCTCCCT	59.87	336	DRR	Ca_21962		
CaPOPI_II_589	Ca5	22919722	GATTTGGTGGAATCTCCGAA	GCCACCGACTACTTCTCCCT	59.87	336	DRR	Ca_21962		
CaPOPI_II_59	Ca1	29846941	TGTTGCCAACTGAAAATCGT	ATACAGACACCGAATGGGGA	59.17	828	DRR	Ca_24388		
CaPOPI_II_594	Ca5	25803856	ATCCGATAAATCGCATTGTG	CCCACAAGGTCCGAGATTATA	58.46	203	DRR	Ca_09020		
CaPOPI_II_595	Ca5	26995171	GGAGCGGGAATATGACTGAA	GCGGCAGAGAAGACCTATTG	60.04	576	DRR	Ca_08931	R	MYB

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kaluli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_603	Ca5	29938246	GCAAAAACAGCGACACT GAA	TTGTGTGGGAAAGGTG ACAA	60.04	764	DRR	Ca_16674		
CaPOPI_II_610	Ca5	33444959	TTATGGAGGCCACATTC ACA	GAAATTAAGGCCTCTTG ATCTTTTT	59.92	961	DRR	Ca_01912	O	MYB_relate d
CaPOPI_II_611	Ca5	33456475	GATGAAGTGCTGATCAG AGGC	ACCAGGAAACATTGCCA GAC	59.97	789	DRR	Ca_01911	O	MYB_relate d
CaPOPI_II_612	Ca5	33457924	CCGACACCCAAAATTTC AAC	GCCCTCAGATGAGAGT CAGG	60.21	680	DRR	Ca_01911	O	MYB_relate d
CaPOPI_II_613	Ca5	33600042	TAACCATTCCACAGCCA CAA	CTTAGAGGTCGCTTCAA CGG	59.96	680	DRR	Ca_01896		
CaPOPI_II_615	Ca5	36308359	GTTTGTGGCGGATTTTG TTT	CCGATACACGGAATTG TCC	59.85	423	DRR	Ca_01593	Z	
CaPOPI_II_641	Ca6	1683226	AATAAGTCCATCCGGCT CCT	TTGTGGATGGCGTTTGA TAA	59.93	276	DRR	Ca_10299		HB-other
CaPOPI_II_642	Ca6	1683327	TTATCAAACGCCATCCA CAA	CAC TTGCGTGTGGTAGT GCT	59.93	504	DRR	Ca_10299		HB-other
CaPOPI_II_643	Ca6	1976018	GAAC TAGATGCCGCAAA AGC	GTACGTGGTCCTTCCCT GAA	59.99	560	DRR	Ca_10322		
CaPOPI_II_644	Ca6	1976736	TTATTCTCCATTGGGCA TCC	TCTGCGGGTAATGATA AGC	59.72	963	DRR	Ca_10322		
CaPOPI_II_646	Ca6	2518811	AATCTGGCTCAAATGC AGC	AATGCATTGCCTGACT CAA	60.36	723	DRR	Ca_10384		
CaPOPI_II_665	Ca6	6163420	CCGTCCTTAGCAAAAT TCA	AAGCAACTATGGCAAAT GGG	60.07	443	DRR	Ca_05680	T	G2-like
CaPOPI_II_668	Ca6	9203559	TCGTGAAATAGTGGACG GTG	TGAACATCAAAATGCC AAA	59.57	763	DRR	Ca_08676	OT	
CaPOPI_II_671	Ca6	10649918	GACGGTTATGGAGCCTT CAA	TTCGATATCTTGTGCCT CCC	60.07	363	DRR	Ca_08531	I	
CaPOPI_II_672	Ca6	12335628	GGAAGGGTGTGGGTGT GTTT	TTGGTCACTAAGGGGG TGAG	59.72	968	DRR	Ca_24849		
CaPOPI_II_688	Ca6	21408015	AGGCCTTTTATTTTCGTT GCC	TTGAATCGCAAAACAAC CAA	60.44	897	DRR	Ca_19860		

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of kabuli genome	Kabuli gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_701	Ca6	28326755	TTTGGGCTTGAAGATGA AAA	TTTAAAAGCAAGGGTGG TGG	58.33	336	DRR	Ca_25968	A	
CaPOPI_II_702	Ca6	28327723	CAAGAGCATCGTGTCAA GGA	GTCCTGGCGTGACAAG AAAT	59.98	424	DRR	Ca_25968	A	
CaPOPI_II_714	Ca6	30588229	GGACGTCTACAACATTG GGG	CCACATGAGTGTGTTGA GGG	60.23	948	DRR	Ca_16461		SAP
CaPOPI_II_751	Ca6	41957220	TCCCCAACTTTTGAATTT GC	TGCTTCAGTCAATGGGA CAG	59.92	877	DRR	Ca_21949	O	
CaPOPI_II_767	Ca6	52075058	GCGTGTCTTATTGGAGA GAGC	GGGTATCGCTTATGCAG GAC	59.09	782	DRR	Ca_17514		SAP
CaPOPI_II_8	Ca1	2015582	CTCTAGAACCCCAACT CCC	CTCCAATGTTGGGAGAC TACG	59.93	499	DRR	Ca_00253	E	
CaPOPI_II_801	Ca7	586986	TTCCATTTCCTCCACAA AGC	CAACCGCATTGTCATCA TTC	60.05	531	DRR	Ca_24415		
CaPOPI_II_802	Ca7	760856	TAAACGCTTGTGGCAT TTG	AGTTTCGAGGCTCTGTT GTT	59.74	445	DRR	Ca_03403	R	
CaPOPI_II_809	Ca7	3689798	ATGGTAGGGGAAGAG GAGT	CTTTTCGTTTGCCAAT GTT	58.88	381	DRR	Ca_03100	S	
CaPOPI_II_815	Ca7	5578208	ATGGGAAATTGTGAATG GGA	TGCCCCGTAGTCAATGT TTG	59.99	435	DRR	Ca_06805		
CaPOPI_II_816	Ca7	5633058	GCAAGCCAAACCACAAA AAT	ACAGGCGCTTCCTTCTT GTA	59.98	386	DRR	Ca_06796	GC	HSF
CaPOPI_II_821	Ca7	6126281	TTTCTGCCTAGAAAAGT TCCAT	TGTAGCCACGTAAGGAA ACCT	57.22	246	DRR	Ca_06744	O	
CaPOPI_II_836	Ca7	17922655	AAGTCGAGTGCTTGAGC CAT	TCTTTGCGTGCGTGCTA TAC	60.02	606	DRR	Ca_15831		bHLH
CaPOPI_II_842	Ca7	20252580	ACCTGTCAGCTAAGAGC CCA	CACATGTGTGAACCTCC TGG	60.01	641	DRR	Ca_12383		
CaPOPI_II_851	Ca7	21743270	TTGCCCTCTAAATTCT TGG	TCCCTCGTATTAGCCC TGA	59.16	686	DRR	Ca_14521		
CaPOPI_II_852	Ca7	21743627	TGAGGGCTAAATACGAG GGA	GGGATTGAGCGCCTAT ACAA	59.66	461	DRR	Ca_14521		

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of kabuli genome	Kabuli gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_853	Ca7	21743947	CCTGGTGTGCATTGAAA AGA	AATTGCGGTTTTGGTTC AAG	59.69	410	DRR	Ca_14521		
CaPOPI_II_862	Ca7	23667025	ACACTGATTTCCCAAAA CGC	TTTCCTTCCCTTCTCATT GC	59.98	728	DRR	Ca_26877	G	FAR1
CaPOPI_II_876	Ca7	26701106	CAATAGGGCGAGTCGAA TGT	AAGTCCAGTAGCCGAAA GCA	60.10	838	DRR	Ca_16249		
CaPOPI_II_877	Ca7	26701534	AAGCTTCATCCTGGTCA TGG	AAGTCCAGTAGCCGAAA GCA	60.07	381	DRR	Ca_16249		
CaPOPI_II_88	Ca1	37412282	CGTGATGATGCTTTTC TCA	TGCTTCTCATCTGCTTG GTG	59.80	580	DRR	Ca_21842	R	GRAS
CaPOPI_II_884	Ca7	29446201	CGTTGCGCATGTGTAAT TTG	TCATTCCTCAACATTATT CGTG	61.09	639	DRR	Ca_11775	R	
CaPOPI_II_889	Ca7	30874290	TTGTCTCAACAATCTCC CCC	ACCACCTCACTGCCCTA CAC	59.90	734	DRR	Ca_23317		
CaPOPI_II_890	Ca7	30967683	CCCCATGATCTTCCCTT TTT	GCAACAAACCTATGGCA GGT	60.12	355	DRR	Ca_23312		
CaPOPI_II_892	Ca7	31210939	CCTTTCTCAGCCCATAT CCA	TCAACAATGCAAACGAA GGA	60.03	306	DRR	Ca_10136		ARF
CaPOPI_II_901	Ca7	33576122	TAATTTAACGAACGGCC GAG	TTGGGTGACTCATGGTG AGA	60.09	410	DRR	Ca_16178	I	
CaPOPI_II_903	Ca7	33640082	CCAAATCGTCGGTGTGA ATA	CCTTTGTTGCTGGGAT CAT	59.40	614	DRR	Ca_16180		ERF
CaPOPI_II_904	Ca7	33815769	ATGGCTATTCACTGCCA TGC	ATCATCCTTGGTCCCGA ATA	61.03	434	DRR	Ca_16190	E	
CaPOPI_II_913	Ca7	36117059	TGGATTGGGCTTTCCAA TAA	TGCCTTAACGTACCCAA ACA	60.26	435	DRR	Ca_13721	G	Trihelix
CaPOPI_II_928	Ca7	44150096	AGTCTTACCAGCGCCAC ACT	TCCCAACTACAACGAGG ACC	59.94	567	DRR	Ca_21366	O	
CaPOPI_II_940	Ca8	7927288	AGGACCGTGCAAATGTT TCT	TGGCCTACTTATGGTCT GGC	59.60	349	DRR	Ca_11431	J	
CaPOPI_II_941	Ca8	7927539	GCCAGACCATAAGTAGG CCA	GCAACTGGATTGCTGG ATTT	60.10	509	DRR	Ca_11430	J	

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_942	Ca8	7927639	GCCAGACCATAAGTAGG CCA	GCAACTGGATTGCTGG ATTT	60.10	509	DRR	Ca_11430	J	
CaPOPI_II_951	Ca8	7956165	TTGATTTGTCTAGAAGC AGCACA	CACTTCTTGGCTGAGTT GGA	60.07	476	DRR	Ca_11432		G2-like
CaPOPI_II_958	Ca8	9101623	CAAGGTTCTCCAGAAAC CCA	ACACGTGTGCGCTCAAA ATA	60.08	671	DRR	Ca_11533		C2H2
CaPOPI_II_961	Ca8	9953316	AGCAGCAACAACCGTCT TTT	AAAAATCGATCGGGTGC ATA	59.92	312	DRR	Ca_18394		
CaPOPI_II_968	Ca8	10934374	TCCGATTCATCCTCTTG GTC	AATGAAAAAGCGGGGAA ACT	60.01	368	DRR	Ca_19747	R	NAC
CaPOPI_II_975	Ca8	11536143	TCTTACACTGCAGCAAT AAAAATCA	TGGTTGATGCCCAAGTA CAA	60.19	576	DRR	Ca_16812	R	MYB
CaPOPI_II_987	Ca8	13993907	CTCCTCAACCTCAATCC CAA	TCACCGGTCAATCAATT AAAAA	60.04	228	DRR	Ca_22739	K	
CaPOPI_II_990	Ca8	14077330	TTGATATGTCATCCCCG GTT	TTCTTTCCACCCCTTCT TCC	60.01	696	DRR	Ca_22744	U	
CaPOPI_II_991	Ca8	14077398	TTGATATGTCATCCCCG GTT	AGCTGCATCTTCCACGA TTT	60.01	940	DRR	Ca_22744	U	
CaPOPI_II_1148	scaffold1414	190587	TCGGATCACGGTCTGAT ACA	GAGGCAAAATGGGACAA GGTA	60.07	611	CDS (FRAME SHIFT)	Ca_25542	R	
CaPOPI_II_1215	scaffold1580	251123	TGTTCTCTTAGGGGGTG GTG	GGCCATCTTTTAAACCC CTT	59.96	569	CDS (FRAME SHIFT)	Ca_20799	B	
CaPOPI_II_1311	scaffold1964	11803	GCACCATTCCTCTTTTG GAA	GATGGACCACCTTCTCT CCA	60.05	553	CDS (FRAME SHIFT)	Ca_25209	G	
CaPOPI_II_1738	scaffold543	69059	TCGCTACTGAAGATGGG CTT	TTGATAACTTGAAAACG AAATGAAA	59.98	363	CDS (FRAME SHIFT)	Ca_24780		
CaPOPI_II_183	Ca2	17551687	ATGTGGTTGATAAGGCC TCG	AGCAAATGCAATGCTCT GAA	59.96	398	CDS (FRAME SHIFT)	Ca_16000	OE	
CaPOPI_II_1975	scaffold864	247808	TTCTGCCCTCATGGATT TTC	CATGGCTCGAGTGAAAC AGA	60.01	349	CDS (FRAME SHIFT)	Ca_24213		
CaPOPI_II_2037	scaffold949	3822	AAGAGGGGCGTGAAC TTTT	GCTCCATACCTGTTTT GGG	60.11	646	CDS (FRAME SHIFT)	Ca_25481		

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_355	Ca4	2032207	TGCTGAGTTCGAGGAAGGT	CACATCTCTTGTTCGCTCCA	59.99	517	CDS (FRAME SHIFT)	Ca_07822	D	
CaPOPI_II_435	Ca4	25975114	ACACATGTTGGCCAATGAGA	GAGTCCGATTTCATGAGGA	59.97	621	CDS (FRAME SHIFT)	Ca_16608		
CaPOPI_II_591	Ca5	23672060	TGAGTAAGGGGGCTGA AATG	TGAGAGACGGTGGTTTACC	60.07	822	CDS (FRAME SHIFT)	Ca_17683		
CaPOPI_II_9	Ca1	2073961	AGAGGCACGAGATTTCCAGA	AAATATCCCCGCAATAAGGG	59.95	336	CDS (FRAME SHIFT)	Ca_00263	T	M-type
CaPOPI_II_916	Ca7	40430153	GTTGGTTCAAAGCAACCGT	ACAAGGATACGTGCAGGGAC	60.02	493	CDS (FRAME SHIFT)	Ca_20258		Trihelix
CaPOPI_II_989	Ca8	14074282	AAACAAAATCCACCGCACTC	TAGGTTCCAAAGGTGCCAAC	59.98	606	CDS (FRAME SHIFT)	Ca_22744	U	
CaPOPI_II_1	Ca1	18088	CCGCTTGTTTTTCTTTGCAG	TTGATTGCTTGTGTCTCAG	60.90	543	INTERGENIC			
CaPOPI_II_10	Ca1	2663715	GTTGCCATGCCTATAACGGT	TGAAGACCATGGACACCAAC	59.85	547	INTERGENIC			
CaPOPI_II_100	Ca1	37927862	TGCAAAATCTGGTTGATGTAG	TCCCAGATCAAAATTGGT	58.76	745	INTERGENIC			
CaPOPI_II_1000	Ca8	15685177	GCCCAACAACAGAACCAAGT	GACTCCAAACCTGTGCAT	60.01	420	INTERGENIC			
CaPOPI_II_1001	Ca8	15685626	ATGCACAGGGTTTTGGAGTC	ACTTGGTTCTGTTGTTGGC	59.97	416	INTERGENIC			
CaPOPI_II_1002	Ca8	15685828	ATGCACAGGGTTTTGGAGTC	ACTTGGTTCTGTTGTTGGC	59.97	416	INTERGENIC			
CaPOPI_II_1003	Ca8	15685888	ATGCACAGGGTTTTGGAGTC	ACTTGGTTCTGTTGTTGGC	59.97	416	INTERGENIC			
CaPOPI_II_1005	Ca8	15788537	TCGGTTCCTTTCAACTTTGG	ATCAATGCTTCCACCCTTTG	60.08	588	INTERGENIC			
CaPOPI_II_1006	Ca8	15892786	AGCAGTTGAACTTGCCTCGT	CGATGATTCAATCCCAACC	60.06	513	INTERGENIC			
CaPOPI_II_1007	Ca8	16315020	AATGCAAAGCAACAAGGTTTC	TTGTATGCATGTGTGATGTGTG	59.26	504	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1008	Ca8	16316035	GGCATCACCCAAGACA TAG	CCCTTGATTTTCAATC ACTCC	60.34	352	INTERGENIC			
CaPOPI_II_1009	scaffold1003	41332	GGGATTTGAAGTGCT GAAA	TAGTGGCCACAACCAAC TCA	60.05	452	INTERGENIC			
CaPOPI_II_101	Ca1	37929646	TGTGACGGTTAATATGG TGGTC	TTGACTTGTTCGCGGA TTG	59.62	817	INTERGENIC			
CaPOPI_II_1010	scaffold1006	109456	TTGATTTAGCCCAAGGA TTC	TTTACAAGCAGCGGGAA AGT	60.01	493	INTERGENIC			
CaPOPI_II_1011	scaffold1008	12678	TCTTGTTGTAACCCCT GGC	GGGCTGATGCCATAAAC ACT	59.97	727	INTERGENIC			
CaPOPI_II_1012	scaffold10180	748	GGTGAGTTTGTGTCGTT GGA	AGGGAGGACGAAGATG ACCT	59.57	448	INTERGENIC			
CaPOPI_II_1014	scaffold1038	720	CGAAATCGCCCAGAAA ATA	TCCTGGTCCTCGATTTC ATC	60.03	842	INTERGENIC			
CaPOPI_II_1015	scaffold1039	48817	CGACATGCATGCCTTAT TTG	CATGAGGAAACAATTGT GCAG	60.10	571	INTERGENIC			
CaPOPI_II_1016	scaffold1043	1901	CGAAGCAAAAGAAAGAA CCG	TGGATTACGGGTGAAAT GGT	59.99	321	INTERGENIC			
CaPOPI_II_1017	scaffold1046	17706	CATTGGATGCACAAGAT TGG	AGGTCATTTTCGTCTC CCT	59.92	871	INTERGENIC			
CaPOPI_II_1018	scaffold1046	20332	GCGCAAACAAACCTATG TGA	TCAGGTCATTTTCGTCC TCC	59.74	788	INTERGENIC			
CaPOPI_II_102	Ca1	37993665	GTGAGCCCTTTACCAAT CCA	CAATTCCCACAGGTACG CTT	59.93	654	INTERGENIC			
CaPOPI_II_1020	scaffold1047	419626	CCGATGAAAATTCACCC ATC	CCATTGATAAAGCGTGT ACGG	60.13	327	INTERGENIC			
CaPOPI_II_1021	scaffold1049	75199	ACGTTCTGAGGGAATT GTG	GTAAGGGTCACCAACC GAA	59.97	828	INTERGENIC			
CaPOPI_II_1022	scaffold1052	16426	CCGTTGTTTCAACTTCC ACC	GCAGCAGCCATTTCATAC AGA	60.39	323	INTERGENIC			
CaPOPI_II_1023	scaffold1055	339319	TTTAAGGTGTGGGACCA AGC	GGAAACAATAAACCGAG GCA	59.97	540	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1024	scaffold1055	340051	TGTTGTTCTGGCATACGA CAT	TGCACATACATAATGGAC CACACA	60.00	516	INTERGENIC			
CaPOPI_II_1025	scaffold1055	340491	TGCAATAAAGCTTTTGA AGTGG	ACATACTCCCTCACTCC CCC	59.42	413	INTERGENIC			
CaPOPI_II_1026	scaffold1055	340641	TGCAATAAAGCTTTTGA AGTGG	AAGTTGTGTCAACCATTG CCA	59.42	813	INTERGENIC			
CaPOPI_II_1027	scaffold1056	142810	TTGCTCCTACGTATCCC CAG	TGGCCACAAGAAGACAA TGA	60.09	705	INTERGENIC			
CaPOPI_II_1028	scaffold1061	32882	ACTAACCATCGTTTGGC CTG	GCAATTTTCGTACCCCT TGA	59.99	227	INTERGENIC			
CaPOPI_II_1029	scaffold1061	49764	CCTTGTCACACAGTTGG CTG	TCTTGTTGTAAACCCTT GGC	60.35	150	INTERGENIC			
CaPOPI_II_103	Ca1	38070666	AACCATTGGGGAGAAT AGAA	TTGTTAGAACCATTGGG GGA	59.65	362	INTERGENIC			
CaPOPI_II_1030	scaffold1061	76996	TATTTGGACCAGAGGAT GGC	CCCAACAGTAGGACCA GGA	59.89	109	INTERGENIC			
CaPOPI_II_1032	scaffold1067	229129	ACATGGTTCGGAACGT AGG	TCCATGCAAGAAGAGCT CAA	59.85	341	INTERGENIC			
CaPOPI_II_1033	scaffold1067	243320	TTATTGTTGTGCTTGG GCA	TCTTGTGTTGGGTTAAG GGC	60.11	447	INTERGENIC			
CaPOPI_II_1034	scaffold1067	243805	GCCCTTAACCCAACACA AGA	AGGCGACCCTATACCG AAGT	59.97	643	INTERGENIC			
CaPOPI_II_1035	scaffold1067	263503	CAGTGAGTAGCAAGCAA GCG	CCCAGCTAGTGACATC CAT	59.95	445	INTERGENIC			
CaPOPI_II_1036	scaffold1067	266043	ATCCAGAATGGAGCAAC TGG	CGGAGAAATCCGTTTTG CTA	60.07	575	INTERGENIC			
CaPOPI_II_1037	scaffold1081	86270	TTATTCGGGCCTGTCAA AAC	CATGCGTTCCTTGTTGGT AGA	59.94	251	INTERGENIC			
CaPOPI_II_1038	scaffold1081	88052	TGAGCATGGCTAAGTTG CAC	AAGGGGAAGGGCATAA TGTT	60.02	522	INTERGENIC			
CaPOPI_II_1039	scaffold1083	122050	AAGCCTAGGGAGGACG AAAA	AACGAATCATGTGCATC CAA	60.20	772	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_104	Ca1	38070895	CTCCCCAATGGTTCTA ACA	CACTGGAATCCGTTTCT TTTG	59.78	587	INTERGENIC			
CaPOPI_II_1040	scaffold1087	13529	TTCCGCATAACACTAAG TGGC	CCATGCTAATGGATGCT GTG	60.15	521	INTERGENIC			
CaPOPI_II_1041	scaffold1087	14399	TGGGTTGTACCGTTAAT TGG	ACCCCAAAATATTGCCAT GAA	58.27	810	INTERGENIC			
CaPOPI_II_1042	scaffold1087	23029	TGCACCACGAGATCTTG AAA	CGTTGATACATAACAAA AATACAAACA	60.39	597	INTERGENIC			
CaPOPI_II_1043	scaffold1087	23220	TGTGGGATATCAAGTTT TGGA	AAAAATGCACGGGACAA ATA	57.93	704	INTERGENIC			
CaPOPI_II_1044	scaffold1092	121415	AGGTCATTTTCGTCCTC CCT	AATCCAATGGCACAAC ACA	59.94	648	INTERGENIC			
CaPOPI_II_1045	scaffold1101	3795	TTGGCTCATTGCTTGAG TTG	AGCCAAGGGAGGATGA AAAT	59.99	214	INTERGENIC			
CaPOPI_II_1046	scaffold1109	14028	TTTGAAAACCTCACCAA GGG	TAAACTGTCAGGGGCG AAGA	59.94	416	INTERGENIC			
CaPOPI_II_1047	scaffold1109	14081	TTTGAAAACCTCACCAA GGG	TATAAACTGTCAGGGGC GAA	59.94	418	INTERGENIC			
CaPOPI_II_1048	scaffold1116	42811	GATGAAACCGAGGACCA AGA	GTGTTTTCGGACCAGAC GAT	60.05	599	INTERGENIC			
CaPOPI_II_1049	scaffold1116	94918	TCTTCGTTATGCAGTCA AACCT	ACCCAACAAAATGGAC CAA	58.91	728	INTERGENIC			
CaPOPI_II_105	Ca1	38071534	CTCCTCCTCATTACCC AAC	ACACCCCACTCTCCTT TGC	59.51	189	INTERGENIC			
CaPOPI_II_1051	scaffold1135	9704	TTTCGGTTGGGTTTGCT TAC	TACCCGTGCTCAACATC AAG	59.98	704	INTERGENIC			
CaPOPI_II_1053	scaffold1139	1393	TCATCCAGTGTGGGGTA CAA	TTGTGTGTGTTGGAGAT GAGC	59.81	313	INTERGENIC			
CaPOPI_II_1054	scaffold1139	1605	TCATCCAGTGTGGGGTA CAA	TTTGAGAATTTGGGATG GAAA	59.81	785	INTERGENIC			
CaPOPI_II_1055	scaffold1142	4296	AGGTCATTTTCGTCCTC CCT	TTGCATGCACAAGATTG GTT	59.94	268	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1056	scaffold1145	3948	AATCCTCAAAGCCCTCA CCT	TTTTGGAACCTTCGTCC TTT	60.07	750	INTERGENIC			
CaPOPI_II_1057	scaffold1145	15770	TGGCACAACATCATCAT CATT	GCGCATTCTTCATCTTC TCC	59.80	496	INTERGENIC			
CaPOPI_II_1058	scaffold115	52073	CAATTAACACAAACGCC CCT	TTGGCCTCCCTAGGCTT ATT	59.86	577	INTERGENIC			
CaPOPI_II_1059	scaffold1151	18791	AGCCGTCATGACTTTTG TCC	ACGGACCCCTTTGTTGAG ACA	60.12	392	INTERGENIC			
CaPOPI_II_106	Ca1	38131605	CGTAACTCGTGTGGGT GAA	GAAGCAAGAGGCAACT CCAC	59.61	379	INTERGENIC			
CaPOPI_II_1060	scaffold1159	27402	AGGGAGGACGAAATG ACCT	CCTTCCTTGGCTTGTT TTG	59.94	345	INTERGENIC			
CaPOPI_II_1061	scaffold118	173557	TGTCATGCTAATATCCG CCA	TGGATGGATTCTAGTT GCCTT	60.06	489	INTERGENIC			
CaPOPI_II_1062	scaffold1180	2599	GAGAGGTCATGGCACC CTTA	GAGCAACACATTGCATG TCC	60.07	166	INTERGENIC			
CaPOPI_II_1063	scaffold1180	2913	GAGAGGTCATGGCACC CTTA	TCTTGCCCAACGTTTTA CAT	60.07	513	INTERGENIC			
CaPOPI_II_1064	scaffold1180	3744	GTGCACGAAAGTGTGG CTTA	ACTTTACCATTGCCTTC CCC	59.91	766	INTERGENIC			
CaPOPI_II_1066	scaffold1180	206096	CCATGTGGTTCTTTG ATTT	AACCTCGCCATTTGTCA TCC	59.85	548	INTERGENIC			
CaPOPI_II_1067	scaffold1180	208476	TAAGAGGGGCTGTAC CCC	CCAACCTAATATTCATG CCACA	60.31	216	INTERGENIC			
CaPOPI_II_1068	scaffold1185	67322	CAATCCCACAGGTACG CTT	GACGCGAAAACAACATT TCA	59.99	683	INTERGENIC			
CaPOPI_II_1069	scaffold1185	67468	CAATCCCACAGGTACG CTT	GACGCGAAAACAACATT TCA	59.99	683	INTERGENIC			
CaPOPI_II_107	Ca1	39261977	GGTTTGCTGTCGAGCCT TAG	AAACACAAGTCCAATCA AAAGG	60.02	421	INTERGENIC			
CaPOPI_II_1070	scaffold119	35751	ACTCATATGCAAAATGC CCC	TTATGCTGGAGATGGGA AGG	59.79	444	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1071	scaffold1193	7288	AATGCTTTCCAGAAAAC CGA	TGATCTGATGGCTGACT TTCA	59.69	367	INTERGENIC			
CaPOPI_II_1072	scaffold1197	5120	TCGCAGCTCAATTGGTA GTG	GAGAGTACCGTGCAA CACA	60.01	486	INTERGENIC			
CaPOPI_II_1073	scaffold1197	244953	CACTTTTGTTCATCG CCA	ACTGTGATCCGGTGATT TGA	59.71	574	INTERGENIC			
CaPOPI_II_1074	scaffold1202	25847	TTGTCCACAGTGGCATA TTGA	TGGCAGATATGGGGT GTAT	59.98	737	INTERGENIC			
CaPOPI_II_1075	scaffold1202	82238	AACACATCCGGTTCCA TTA	TTTGATCCATTGCCCT AGC	60.05	739	INTERGENIC			
CaPOPI_II_1076	scaffold1202	83479	ACGGTGTAGGCAAGAT GGAC	AGGATGCATGGGATGA AAAG	60.00	458	INTERGENIC			
CaPOPI_II_1078	scaffold1215	12684	TCTCTCCGATTGGTC ATT	TTTGCTCCTCTTCTCT GGC	59.48	588	INTERGENIC			
CaPOPI_II_1079	scaffold1215	13648	TCGTGGGACTAAACTG AGGA	CGCACATATGAATGATC CCA	59.72	576	INTERGENIC			
CaPOPI_II_108	Ca1	40424994	TGCAAAACTTTGTTCAT CGAG	GCATCTTCTCCTTCGA GACA	58.95	748	INTERGENIC			
CaPOPI_II_1081	scaffold1215	45663	TGGCTTTTGTATTTCAG AGTTGG	AGTGGGACCATGATTTT TGAA	60.51	492	INTERGENIC			
CaPOPI_II_1082	scaffold1215	45939	TTTCAAAATCATGGTC CCAC	GGGGTGGTGTCTATCTT TGC	59.65	337	INTERGENIC			
CaPOPI_II_1083	scaffold1219	40006	TGGTTTAATGTTGGCAA ATGG	ATCCAGTTGGTGAGGAA AAA	60.59	317	INTERGENIC			
CaPOPI_II_1084	scaffold1240	105707	ACATGGAACCCATCCAA AGA	GCCCTCAGATGAGAGT CAGG	60.17	268	INTERGENIC			
CaPOPI_II_1085	scaffold1252	98018	TTTGCCAATCGATTATC GTG	TGCACAAGTCAGTAGCA CCC	59.52	561	INTERGENIC			
CaPOPI_II_1086	scaffold1256	617	TCCAACACCCTCACAAA TCA	TTGGACTACGGGTTAGT GGG	59.94	914	INTERGENIC			
CaPOPI_II_1088	scaffold1274	6685	TCATTTTCGTCCTTCCTT GG	ACACACCTATTGGACGC ACA	60.04	272	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1089	scaffold1275	6195	TGTTGCCTCGTAATTCA ACG	CAGGGACTAAAACGTGT TGCTG	59.73	556	INTERGENIC			
CaPOPI_II_109	Ca1	40535882	GATGATGATGATGTCGT GCC	ATCACAGTTTGGCCAAG TCC	59.89	311	INTERGENIC			
CaPOPI_II_1090	scaffold1276	1671	AAGCATGGGACCAAAGT GAG	TTTCCCAATCGATTTC TTC	60.11	942	INTERGENIC			
CaPOPI_II_1091	scaffold1278	63103	ACGAAGGGTGTAGGAC GATG	ATTTGTTTGCCGATCGC TAC	59.99	611	INTERGENIC			
CaPOPI_II_1092	scaffold1278	63247	ACGAAGGGTGTAGGAC GATG	ATTTGTTTGCCGATCGC TAC	59.99	611	INTERGENIC			
CaPOPI_II_1093	scaffold1278	63301	ACGAAGGGTGTAGGAC GATG	ATTTGTTTGCCGATCGC TAC	59.99	611	INTERGENIC			
CaPOPI_II_1094	scaffold1278	65072	TGGGTAGCAGTAATAAT GGCA	TGAGCAAGATGTGTTTT GTGG	58.20	341	INTERGENIC			
CaPOPI_II_1095	scaffold128	588046	AGTACTGAGCCCCCTG GTTT	ATGATGTTGTAGCGATT GCG	59.99	308	INTERGENIC			
CaPOPI_II_1096	scaffold128	747253	GGTGTGTTGTGACGTT GGA	GGAGGACGAAAATGAT CGAA	60.46	646	INTERGENIC			
CaPOPI_II_1097	scaffold1281	376337	TGTTTAGGCGCTAGTTT GGC	TCGATTATGCGTAGGGA AGG	60.40	665	INTERGENIC			
CaPOPI_II_1098	scaffold1281	469460	TCTCTGGCAACCGTTCT TCT	ACCTCGTTGAGACACGC TTT	59.99	566	INTERGENIC			
CaPOPI_II_1099	scaffold1281	471713	GAGCATTGTGACAAAAT TGAGC	CGGGAATTCTTGATGAA TCG	59.76	541	INTERGENIC			
CaPOPI_II_11	Ca1	2674516	TGTCGGAATATGGGAAG CTC	GCCGTTGTTTTCAGATC CAT	60.04	934	INTERGENIC			
CaPOPI_II_110	Ca1	40889769	GCATCTCTTGATGCCCT TTT	AACATACGCCATACCCA AGC	59.27	289	INTERGENIC			
CaPOPI_II_1100	scaffold1281	473339	ACGCATGGATATTGCAG TCA	TCCGATTGTTGACCAGT TTTT	60.10	783	INTERGENIC			
CaPOPI_II_1101	scaffold1281	492209	GGAATGGAAAACACATT CAACA	GAATGCTTGAGAAACTT TGGG	59.71	499	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1102	scaffold1307	6228	ACACACCTATTGGACGC ACA	AGGTCAATTCGTCCTC CCT	60.03	377	INTERGENIC			
CaPOPI_II_1103	scaffold1308	16327	AGGGAGGACGAAATG ACCT	CCAATTGGGGTTTTTAA CCA	59.94	488	INTERGENIC			
CaPOPI_II_1105	scaffold1312	78648	GCATTAAATGTGGAACA AGCA	TTACCTGTGTGGGACAA CGA	58.69	526	INTERGENIC			
CaPOPI_II_1106	scaffold1312	78828	GCATTAAATGTGGAACA AGCA	TTACCTGTGTGGGACAA CGA	58.69	526	INTERGENIC			
CaPOPI_II_1107	scaffold1312	78884	ATTTGACCTCGACACAA CGG	GCCGCTTGATCGTTAAT TGT	60.95	425	INTERGENIC			
CaPOPI_II_1108	scaffold1312	78931	TCGACACAACGACAAG AGT	GCCGCTTGATCGTTAAT TGT	59.31	417	INTERGENIC			
CaPOPI_II_1109	scaffold1312	80554	GCCAAGGTAAGGGTGA GACA	ATGAATTGTCCCAATCT CGG	60.11	322	INTERGENIC			
CaPOPI_II_111	Ca1	41695402	TACTTCCATGCAAACCA GCA	CCAACTCTGAAATACAA AAGCCA	60.26	486	INTERGENIC			
CaPOPI_II_1110	scaffold1312	89732	TTCATTACGCCATTGAC ACTTT	ACAATGTGTGCCCAACA AAA	59.52	457	INTERGENIC			
CaPOPI_II_1111	scaffold1316	4181	GTAAGGGTCACCAACC GAA	TTGTCCGTGAGAGACTG CAC	59.83	813	INTERGENIC			
CaPOPI_II_1113	scaffold1317	46249	CATGGGTGAAGACTGTG GTG	ACCACTGTTGCATGCCT AAA	60.00	134	INTERGENIC			
CaPOPI_II_1114	scaffold1323	6638	GGCCACTGACTTGCACT GTA	TTGTGCATCCAATACGT GTG	59.91	717	INTERGENIC			
CaPOPI_II_1115	scaffold1324	8519	ATTGTGTCATTGTCGG TCA	CTGCCTCACGATTTTAC TCA	59.97	899	INTERGENIC			
CaPOPI_II_1116	scaffold1324	227334	TTGGTGACATTTAGCAT TTCTCA	GTCCTTTGTGTCGTGG GTCT	59.64	511	INTERGENIC			
CaPOPI_II_1117	scaffold1324	235091	TCTTGGTTGTAACCCCT GGC	TTTCGACAAAAGGTTCT CCG	59.97	431	INTERGENIC			
CaPOPI_II_1118	scaffold1324	236638	ATGCACCTTGAAAGGGT TTG	TTCGAGGAGGGTTTGA TTG	59.97	597	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1119	scaffold1324	252648	CCTATAGGCCCACTAAG CCC	TTGCAAGCAAACCTCAC GAT	59.95	587	INTERGENIC			
CaPOPI_II_112	Ca1	41704419	GGGGAATTTTTCATTTT GTGG	TGTTTTGGTTTCAAGGG ACA	60.39	311	INTERGENIC			
CaPOPI_II_1120	scaffold1324	252816	TGTTAACATGATCAGGC CCA	ACATAGCGCCACAACAT GAA	59.92	789	INTERGENIC			
CaPOPI_II_1121	scaffold1324	253776	GAGTGCTCCTGCACAT GAA	ATGAAGACCAAGCCATC CAC	59.99	514	INTERGENIC			
CaPOPI_II_1122	scaffold1324	255649	CCTTGGAGGCAGTGATT TGT	GAGCTACCCCAATGGTT GAA	60.11	613	INTERGENIC			
CaPOPI_II_1123	scaffold1324	255844	CCTTGGAGGCAGTGATT TGT	GAGCTACCCCAATGGTT GAA	60.11	613	INTERGENIC			
CaPOPI_II_1124	scaffold1324	255890	CCTTGGAGGCAGTGATT TGT	GAGCTACCCCAATGGTT GAA	60.11	613	INTERGENIC			
CaPOPI_II_1125	scaffold1324	256337	TTCAACCATTGGGGTAG CTC	TTCACCTGAATATTTTGT GGCA	59.93	474	INTERGENIC			
CaPOPI_II_1126	scaffold1324	266713	TGTATGCATCAACAATG TCAAGA	TCAGAGGATGTGGCATA GAGG	59.10	160	INTERGENIC			
CaPOPI_II_1127	scaffold1324	266796	TCCTCTATGCCACATCC TCTG	CACAAATAGTTGTACAT TGGTTGC	60.23	238	INTERGENIC			
CaPOPI_II_1128	scaffold1324	267973	CCAAGGCACACACAAAT GAA	AGAGAATAACCCGCACG TTG	60.55	344	INTERGENIC			
CaPOPI_II_1129	scaffold1324	270833	ACAAAATCGGCCACTGA ATC	TCCCGTTCATCTCTCTC ACC	59.94	500	INTERGENIC			
CaPOPI_II_113	Ca1	41704503	GGGGAATTTTTCATTTT GTGG	TGTTTTGGTTTCAAGGG ACA	60.39	311	INTERGENIC			
CaPOPI_II_1130	scaffold1324	272116	CCCCGCTCTGATAGGTG ATA	TGTTTGTCTGCGAGCA TTT	60.05	767	INTERGENIC			
CaPOPI_II_1131	scaffold1324	516063	AAAACACGCTAGGCTCC AAT	TGGTCATGTGGTTTTTG CAT	58.86	642	INTERGENIC			
CaPOPI_II_1132	scaffold1324	520260	TTCTTTTCGCTATTTTAT TTTCGTG	TCTTACGTATCTCCGG TGC	60.04	734	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1133	scaffold1324	642408	CCTTGCCCTTTTATTC GGT	TCCTAGAACATGCATCA CGC	60.31	496	INTERGENIC			
CaPOPI_II_1134	scaffold1331	50640	AATGGGCGCTGTAAAT GTC	TGGTGTGCTTGGCACTC TAC	59.97	411	INTERGENIC			
CaPOPI_II_1135	scaffold1332	8473	CACAATTTCTTTTCTATG TGTGGA	AACCCGTCACACAGGAA GTC	58.24	894	INTERGENIC			
CaPOPI_II_1137	scaffold1337	46228	AAACCCCAAACCTTAAA CCC	TTGGGACATTTTCGGTTT TTG	59.09	353	INTERGENIC			
CaPOPI_II_1138	scaffold135	113512	GCTTATTGGGAGAAGCG TTG	GCCTCAGATGAGAGT CAGG	59.85	514	INTERGENIC			
CaPOPI_II_114	Ca1	41718814	GGGTCGAATGTCGATT TGT	TCATCTCTCAGCCCCAC TCT	59.93	156	INTERGENIC			
CaPOPI_II_1140	scaffold1365	74375	TATTGTGAAGAGGCGTG TGC	TGTTGGGATTTGGTTGT GAA	59.87	351	INTERGENIC			
CaPOPI_II_1141	scaffold1380	5644	TTTTAGCGGATGTCGTA GGG	TCACAAGGGGGACTCTA TGG	60.09	719	INTERGENIC			
CaPOPI_II_1142	scaffold1386	13609	TTTGTGGTAATTTATGG TTGCTACA	TTTCGGTTTCCTTTGTTT GC	59.74	424	INTERGENIC			
CaPOPI_II_1143	scaffold140	2406	CTTGTAATCTCCGCT CGC	TTGGTATTGAACTCGGA GGC	59.98	665	INTERGENIC			
CaPOPI_II_1144	scaffold140	25774	TCCTAGAACATGCATCA CGC	CTCAAGTCGACAAGCCT TCC	59.83	666	INTERGENIC			
CaPOPI_II_1145	scaffold1408	24952	TGTGCGTCCAATAGGTG TGT	GACACGAATAAGCCAAG GGA	60.03	478	INTERGENIC			
CaPOPI_II_1146	scaffold1408	92293	AGGTCATTTTCGTCCTC CCT	TAATTGGGCAAGAATGA GCC	59.94	640	INTERGENIC			
CaPOPI_II_1147	scaffold1414	38236	TGGTCCTAGATTTTCATC GGG	CGTTATTAAGTACAAC ACAAAACGAA	59.89	871	INTERGENIC			
CaPOPI_II_1149	scaffold1418	5209	CACAATTTACGATTTTC ACG	CGGCTAGGTTGACCCTT ACA	59.07	819	INTERGENIC			
CaPOPI_II_115	Ca1	44247311	TTCTCCAGACTCTAGCC CGA	AGCTTCTCAGTAGGGG GCTC	60.09	592	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1150	scaffold1418	18174	GCATTGTATCCATCCCC ATC	ACCCACGTTTAAAGGTT CCC	59.98	797	INTERGENIC			
CaPOPI_II_1153	scaffold1419	10604	CCTCTTGCTGCAACAC AAA	AACTTTTCCGCTGCTT GAA	60.03	294	INTERGENIC			
CaPOPI_II_1154	scaffold1419	30683	TCCATCTCCAACAACAT CCA	TAATTGCTCTTGCGGTC CTT	59.89	306	INTERGENIC			
CaPOPI_II_1155	scaffold1426	5828	AACGGGGTGTTACAATG AGC	CTGGTTTGACAATGCGT TTG	59.86	623	INTERGENIC			
CaPOPI_II_1156	scaffold1426	6734	TTGATACTATGCCACCA CGC	GCATTTTGCTTGCGAC TCA	59.57	635	INTERGENIC			
CaPOPI_II_1157	scaffold1426	7221	TGAGTCCACAAGCAAAA TGC	GGTTCCTCTTGTTTTG GGT	59.85	494	INTERGENIC			
CaPOPI_II_1158	scaffold143	67526	GGATTGTTGGTTCATTT GGG	TTAGGAAATCGATTGGG GTG	60.03	495	INTERGENIC			
CaPOPI_II_1159	scaffold1430	1269	TCATGTGCATTTCTACC ACCA	TGATTGAGTCAAACCA CCA	59.98	315	INTERGENIC			
CaPOPI_II_116	Ca1	44650256	TCGTTTGCGTCATTGGA TTA	AGGGAGGACGAAAATG ACCT	60.07	444	INTERGENIC			
CaPOPI_II_1160	scaffold1432	80490	GCCACTACCAACAACAT TTTCA	ATTTGTGTTTGTGGGG AAA	59.90	713	INTERGENIC			
CaPOPI_II_1161	scaffold1432	80541	GCCACTACCAACAACAT TTTCA	ATTTGTGTTTGTGGGG AAA	59.90	713	INTERGENIC			
CaPOPI_II_1162	scaffold1433	21769	TCCAGATGAAATCGAGG ACC	TCATATGTACGTTTCGG GCA	60.01	498	INTERGENIC			
CaPOPI_II_1163	scaffold1433	21950	GATGAAATGGAGGACC GAGA	TCATATGTACGTTTCGG GCA	60.01	332	INTERGENIC			
CaPOPI_II_1164	scaffold1433	33630	AGGCGATTTTCGTACCA CAC	CGTGTCATTTATGTCGG GTG	60.00	112	INTERGENIC			
CaPOPI_II_1165	scaffold1448	11427	AATCCAATGACGCAAAC ACA	AGGTCATTTTCGTCCTC CCT	59.97	792	INTERGENIC			
CaPOPI_II_1167	scaffold1449	3971	AGGAAGAGTGGAGTTG CGAA	CTGTAAACTGAAGCGCC CTC	59.99	456	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1168	scaffold1452	1227	CGAAATCTTTGGGTTTT GGA	ACCTAAATTGGGGAGCT CGT	59.91	618	INTERGENIC			
CaPOPI_II_117	Ca1	44776081	TGGAATACCATATATTTT ACGTTTTCA	TGACGGATCCTTTCTTG ACA	59.13	795	INTERGENIC			
CaPOPI_II_1170	scaffold1452	30210	TGCCCAATTACCACAAT CAA	ACCAACCCCTTCATTTCC CTC	59.79	465	INTERGENIC			
CaPOPI_II_1171	scaffold1457	19983	TGGCTTTCAAATTCAC ACA	GCGAGCAGAGATTTT CCG	60.09	468	INTERGENIC			
CaPOPI_II_1172	scaffold1465	3149	AAGGCTCAACCTTACGT GGT	TTTTTAGCAATGGCACA ACATT	58.72	558	INTERGENIC			
CaPOPI_II_1173	scaffold1465	20135	ATAGATCCCCTCAGCCC AAC	TTTCGGTAGTCCCGTTC ATC	60.29	604	INTERGENIC			
CaPOPI_II_1175	scaffold1467	16133	ACTTTCAAACGGTCAAT CCG	ACATTATGTGAGGGCG CTTC	59.97	596	INTERGENIC			
CaPOPI_II_1176	scaffold1483	6428	TAACTTGCATGCCATT GTC	CAAAAGACACACATATT TGGCA	59.55	573	INTERGENIC			
CaPOPI_II_1177	scaffold1483	6873	GCACCACGTGCGATAAC A	TGTGTGAGCGTTATTGG TTTG	60.28	984	INTERGENIC			
CaPOPI_II_1178	scaffold1490	1256	CAAACACACGTGTTGGA TGG	AGTCAATTTTCGTCCTC CCT	59.85	281	INTERGENIC			
CaPOPI_II_1179	scaffold1493	65515	AGGCAATTTGGGATTCC TCT	GGCTGCTTTGAGTTCCT TTTT	59.90	372	INTERGENIC			
CaPOPI_II_118	Ca1	44847313	TGTTTTCTGCCTTTTTG CCT	AAAATCCAACAATCTCC CCC	59.86	274	INTERGENIC			
CaPOPI_II_1180	scaffold1496	236426	TTCAACCTCGAATTTCA GCA	AGCGGTGGAGAGAACT CTGA	59.40	764	INTERGENIC			
CaPOPI_II_1181	scaffold1499	931	TTCTTATTCACCTGGTT CCTTTT	TTGAAGGATACATTACG AGATTCA	58.26	734	INTERGENIC			
CaPOPI_II_1182	scaffold15	144204	AGGTTTGAGGATCGGG GTAT	CAAGATTTGGGCAATCT GCT	59.65	757	INTERGENIC			
CaPOPI_II_1183	scaffold151	814	GGAGACTCCCATACATT GGC	TGCTATCCCACTTTGAG CCT	59.37	332	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1184	scaffold151	1987	GGACATTTGTGAACAAG GCA	TTGGAGCTTATGTGTTCT CTCA	59.55	732	INTERGENIC			
CaPOPI_II_1185	scaffold151	35903	ACACACGCATAACACAC GAG	TTGGAGTGCATGTGACCA ATT	58.20	459	INTERGENIC			
CaPOPI_II_1186	scaffold151	68819	AAATGAATGGAAGACGC GAT	AAAATTCTCTTGAATCC CCATT	59.53	851	INTERGENIC			
CaPOPI_II_1187	scaffold151	221306	TTCAAAGGAGATGGTTT GCC	ATGACAATCCAATGCA CCC	60.05	738	INTERGENIC			
CaPOPI_II_1188	scaffold1511	110106	TTAATGCAGGGTTGT GCT	ATTGAAGCCCACTATGG CTG	60.50	396	INTERGENIC			
CaPOPI_II_119	Ca1	45246034	CGATTCGCTTTTAGCA TCC	CAATTGCGATATTATGG GGG	59.82	253	INTERGENIC			
CaPOPI_II_1190	scaffold1521	15206	GGGGTTAGGGCTCATA CGAT	GTTGCAGCGTGTGTTCT TGT	60.17	821	INTERGENIC			
CaPOPI_II_1191	scaffold1521	15603	TCGTGGTTCAATAATTG GCA	CAAAATAACGATTCGGG CTC	59.93	228	INTERGENIC			
CaPOPI_II_1192	scaffold1521	15896	TCGTGGTTCAATAATTG GCA	AAATTAGGCATACAGAA ATGAAGGA	59.93	403	INTERGENIC			
CaPOPI_II_1193	scaffold1530	16153	TCTCACGGTTGTGAGGA CTG	ACCGTTCTTGGTTTCTG ACC	59.86	746	INTERGENIC			
CaPOPI_II_1194	scaffold1530	21107	TCTAAAAGATTTTGAAC CCCAAA	TCCAAGGGTGTTAGAAA CGG	59.06	812	INTERGENIC			
CaPOPI_II_1195	scaffold1530	23128	TCTCCATTGCACCCCA ATA	GGTGCTGAAATCGGAAA ATC	59.92	189	INTERGENIC			
CaPOPI_II_1196	scaffold1530	24697	TGGAGAGTTCAGCACAC GTC	CCTCCGGTACCATAAAC CCT	60.03	249	INTERGENIC			
CaPOPI_II_1197	scaffold1530	25494	CTTTTCCGTTTTTCAGC CAC	TTTACCCCTCGGTAAAA CCTC	59.72	607	INTERGENIC			
CaPOPI_II_1198	scaffold1530	25850	TCGATCTTGAGCGAATT TGA	CAATACCAATTTCACGA AAATTCA	59.50	482	INTERGENIC			
CaPOPI_II_1199	scaffold1530	26727	TGCTTTTGGTAAAGGTG CTT	ATTCGCAAAACCAAACTC GAT	57.57	742	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_12	Ca1	2766077	AAAACAATTGATTGGGCTCC	CCAATCATACGCAGGTGAAA	58.88	561	INTERGENIC			
CaPOPI_II_120	Ca1	45609121	TCGCGTGAGAAAATAATCCC	CGAACCCTCGGTAAACA AAA	60.04	295	INTERGENIC			
CaPOPI_II_1200	scaffold1530	27186	TCGAGTTTGGTTTGCGAATA	CGATTGCTCATAAAATCGCTC	59.30	538	INTERGENIC			
CaPOPI_II_1201	scaffold1530	27815	TTTGAGAGGGCCTTTGGTAA	TCGACAGGTTTGTGTTGTTCG	59.68	405	INTERGENIC			
CaPOPI_II_1202	scaffold1530	27996	TTTGAGAGGGCCTTTGGTAA	TCGACAGGTTTGTGTTGTTCG	59.68	405	INTERGENIC			
CaPOPI_II_1203	scaffold1530	28367	GGCCCTATGGTGTTATGTG	TTCGAAGCCATTATGTTTGATG	60.07	817	INTERGENIC			
CaPOPI_II_1204	scaffold1531	24929	TCAGGATTTTGGGTTTAGGG	TTTTGTAGTTGTACTCATAACAAGGA	58.88	482	INTERGENIC			
CaPOPI_II_1205	scaffold1531	29443	TCCAGATGAAATCGAGGACC	GATTTTCGTTCCACCCTTCA	60.01	621	INTERGENIC			
CaPOPI_II_1206	scaffold1544	14620	CCACTGGATGAATCTCGGTT	TAGAAGGAACGGAGGGGTTT	59.93	794	INTERGENIC			
CaPOPI_II_1207	scaffold1550	56017	AGGCGATTTTCGTACCAACAC	TCCAGATGAAATCGAGGACC	60.00	322	INTERGENIC			
CaPOPI_II_1208	scaffold1569	32526	CAGGGCCTTAACCATGAAA	GGTTTGGGGTTTGGA TTTA	59.93	601	INTERGENIC			
CaPOPI_II_1209	scaffold1569	32980	ATAAACCGAACCGCAAAACA	GGTTTTATGTTTAACGGCCT	60.36	714	INTERGENIC			
CaPOPI_II_121	Ca1	46088799	TAAGTCCGTAAGTGGTGCCC	GGGCTTCCAAAGTGTTATCC	59.99	586	INTERGENIC			
CaPOPI_II_1210	scaffold157	289273	GCACATTCAGTGCCAAGAGA	ATTGAGGGCATTGTCAC TCC	59.99	492	INTERGENIC			
CaPOPI_II_1211	scaffold1578	76801	CTGATAGTGACACCGG GTTG	CTTGTTTTCTCCATGGT CGC	59.01	664	INTERGENIC			
CaPOPI_II_1212	scaffold1579	64472	GAGCGAATTGAGAAACGAGG	TTTTCAAATAAGTAACA TTGACAACA	59.96	927	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1214	scaffold1580	69955	ATCACCAGCCACTTAGG CAA	TCCCTTATGACAATTCA TGGTG	60.66	639	INTERGENIC			
CaPOPI_II_1216	scaffold1580	472375	TTTTGGTCAGGGGAAG GTTT	CTTGAAAGCCATTGGAG AGC	60.69	578	INTERGENIC			
CaPOPI_II_1217	scaffold1580	472426	TTTTGGTCAGGGGAAG GTTT	CTTGAAAGCCATTGGAG AGC	60.69	578	INTERGENIC			
CaPOPI_II_1218	scaffold1586	1838	AGGGAGGACGAAAATG ACCT	TGACCAATTTTGAGCAT CCA	59.94	471	INTERGENIC			
CaPOPI_II_1219	scaffold1613	98434	AAGAAAGTTGCTCCTTG CCA	AGGAGCACTTACCTCCG TTG	59.99	133	INTERGENIC			
CaPOPI_II_122	Ca1	46278771	ACCTTCAGTCAGGGGC CTAT	AAGTCTGGTCTGCCT GAAA	59.96	538	INTERGENIC			
CaPOPI_II_1220	scaffold1613	106669	ACAATTTACGCCACCGA AAG	AGAAGCGACCCCATAG GTTT	60.00	549	INTERGENIC			
CaPOPI_II_1221	scaffold1614	131511	CCGCGAGTAATTCGAT AAA	ATCAGCCTAAGGGGGA AGAA	60.05	875	INTERGENIC			
CaPOPI_II_1222	scaffold1630	6306	GTACCACCCGACAAAAA TGG	TCCAGATGAAATCGAGG ACC	60.09	530	INTERGENIC			
CaPOPI_II_1223	scaffold1631	32889	GTCCACTTCGTTTCGG TAA	GTCGCTTCAAAAGTTGG CTC	59.97	625	INTERGENIC			
CaPOPI_II_1224	scaffold1635	74246	GGTAAACGTGTGTTGCA TGG	GGAGTACCATAGGCCA ACGA	59.89	258	INTERGENIC			
CaPOPI_II_1225	scaffold1643	163768	ATTTCCAGCATGCCAAT TTC	CTTCCAGAACTAGCCG CAC	59.91	719	INTERGENIC			
CaPOPI_II_1226	scaffold1643	166873	GCAACTAGGGGTGTTCA GGA	ATGCACACTTGTGCAC CTT	60.11	610	INTERGENIC			
CaPOPI_II_1227	scaffold1643	169454	GTCATTTTTGGCGTAGT GGG	TTTCCGGTCAACACTCA TCA	60.37	133	INTERGENIC			
CaPOPI_II_1228	scaffold1643	171022	TAACCCCATCAAATTTG GGA	TCTTGAAGGAGCGGGT AGAA	59.99	563	INTERGENIC			
CaPOPI_II_1229	scaffold1643	180974	CCCACGCTTCTTTAGCA GTC	TTTCACTTCCCGCTTC TGT	60.02	859	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_123	Ca1	46286614	CCAAGTTATGCTTGATC GCA	CGAGAACCATCCTGCAT TTT	59.83	820	INTERGENIC			
CaPOPI_II_1230	scaffold1643	192850	GAGGGGGAGAAAGCTG AGAG	TGCTGACATGATTGTTG ATGTG	60.47	535	INTERGENIC			
CaPOPI_II_1231	scaffold1643	210540	CACACAATCACAAATTTT TCTCAA	AAAGAAATCGAGACCGT TGC	59.08	419	INTERGENIC			
CaPOPI_II_1232	scaffold1643	211018	TTCTCTCCACGCTAAC TCG	ATGGTGGGGGTATGAA TGAA	60.53	611	INTERGENIC			
CaPOPI_II_1233	scaffold1643	211096	ACGGTCTCGATTCTTT TCG	ATGGTGGGGGTATGAA TGAA	59.31	585	INTERGENIC			
CaPOPI_II_1234	scaffold1643	213932	CGGATTTCTGCTCTTGA AGC	CATTGGTGCAGTTGTTT GTC	59.96	662	INTERGENIC			
CaPOPI_II_1235	scaffold1651	5134	ATGGCACAAGTCTCCCA ACT	GGGGCCACTTAGGGTT GTAT	59.58	276	INTERGENIC			
CaPOPI_II_1236	scaffold1651	12361	AAATTGTTGCTTGGGGA CAA	TGACGTCATGACCTGCA TTT	60.34	882	INTERGENIC			
CaPOPI_II_1237	scaffold1651	13370	CCTTGAGTTCGACACTC GGT	TGGTGACCGTGTAAATTG TTG	60.30	337	INTERGENIC			
CaPOPI_II_1238	scaffold1651	13586	CCTTGAGTTCGACACTC GGT	CAGGATGTGAACCGTAA ATCTTC	60.30	547	INTERGENIC			
CaPOPI_II_1239	scaffold1651	14250	AAAAATGGAGAGATCGA AAGTG	TTGATGCTAGGGGGATT TTG	57.49	553	INTERGENIC			
CaPOPI_II_124	Ca1	46286661	CCAAGTTATGCTTGATC GCA	CGAGAACCATCCTGCAT TTT	59.83	820	INTERGENIC			
CaPOPI_II_1240	scaffold1651	16500	GGGAAGGGATGTAAAA GGGA	ACGTCGTGATTTGTGCT TCA	60.12	231	INTERGENIC			
CaPOPI_II_1241	scaffold1651	16843	GGGAAGGGATGTAAAA GGGA	AAAATCTGGCCTGGACC TG	60.12	510	INTERGENIC			
CaPOPI_II_1242	scaffold1651	17729	TCTCTTGGGTGATTTTT CGG	ACACCCAAACTCTTGTT GGC	60.04	561	INTERGENIC			
CaPOPI_II_1243	scaffold1651	18006	TGATTGGGGGCATACAT TTT	ACACCCAAACTCTTGTT GGC	60.02	171	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1244	scaffold1651	18574	CTGGATTGGAATTGTCA GCA	TCACGCACACTCCATCT CTC	59.65	679	INTERGENIC			
CaPOPI_II_1245	scaffold1651	18823	GAGAGATGGAGTGTGC GTGA	AACCCAGAACTCGAGCT GAA	59.99	461	INTERGENIC			
CaPOPI_II_1246	scaffold1659	96268	TTGCTCACTACCACGCT ACG	CACCAAAGCACATCCAT TCA	60.07	382	INTERGENIC			
CaPOPI_II_1247	scaffold1659	269627	CACCGTAGTGTGGTGG TGAG	CGGTGAATCCTTTACGG AGA	60.06	531	INTERGENIC			
CaPOPI_II_1248	scaffold1661	91058	GTTGGATCCCTAGCACC GTA	AAAAATGAAAAGGGGAG CGT	59.96	905	INTERGENIC			
CaPOPI_II_1249	scaffold167	29049	TTACCGGCTATTCATGC CTC	TCCCTTAATTTCTGTC CCT	60.06	508	INTERGENIC			
CaPOPI_II_125	Ca1	46352138	AGCGATGCATGTCTCAA GTG	TGCCCTTCTCTTTTCC TAGTG	60.02	396	INTERGENIC			
CaPOPI_II_1250	scaffold1679	2481	TTACGGTTTTGCGTTTA GGG	AACCAAAATCCGACACC CTT	59.99	503	INTERGENIC			
CaPOPI_II_1251	scaffold1681	934	GAGATTTTCGTACCACC CGA	TCCAGATGAAATCGAGG ACC	59.93	797	INTERGENIC			
CaPOPI_II_1252	scaffold1682	8324	AGGTCGTTTTCGTCCTT CCT	CACCCAATGACACCAAT GAA	60.11	693	INTERGENIC			
CaPOPI_II_1253	scaffold1684	69381	CGGGTTGTACAAAAATC GCT	CAGCGATGGCTAGTGTT TGA	60.00	458	INTERGENIC			
CaPOPI_II_1254	scaffold1696	4415	ATAACCCGAACCTCAAA CCC	TGTTTGAAATATGACGC CGA	60.05	645	INTERGENIC			
CaPOPI_II_1255	scaffold1696	5390	TTGAAGTACGAAAATCG CCC	TTCGTTATGCGGTCAAA CCT	60.07	813	INTERGENIC			
CaPOPI_II_1256	scaffold1701	101096	AGGTCATTTTCGTCCTC CCT	GCCCTCAGATGAGAGT CAGG	59.94	515	INTERGENIC			
CaPOPI_II_1257	scaffold1703	131019	CCAAAACGATTTCCCTT CAA	TTTCCAAAAGTGACCGA ACC	59.91	234	INTERGENIC			
CaPOPI_II_1258	scaffold1704	11771	AACGATCAAGAGTCGCA AAA	ACCCTAAACCTTAAAGC CCA	58.50	347	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1259	scaffold1708	14932	GCCATTTGGGTGGTTGA TAG	CTGCTTGAGGACAAGCA ACA	60.19	901	INTERGENIC			
CaPOPI_II_126	Ca1	46491737	GATGCATCTCACCAAGG GTT	CGGTGCAAACTCTACGT TCA	59.93	420	INTERGENIC			
CaPOPI_II_1261	scaffold1723	1064	CCTCATAGGTTGCTACTG GGA	GCGCCCTCACATAATGT TTT	60.07	467	INTERGENIC			
CaPOPI_II_1262	scaffold1725	28680	GATTCAGTGGCCGATTT TGT	TTGGACGAAAAAGGAG GAAA	59.94	917	INTERGENIC			
CaPOPI_II_1263	scaffold1731	39857	ATGTTTTGGATTTTGGC TCG	GCACCGTGAGTAAATTC GGT	59.94	704	INTERGENIC			
CaPOPI_II_1265	scaffold1731	53952	TTTGATATTGGTTCGG AGG	AGGAGGTTTGTGTTTGA CGG	59.76	514	INTERGENIC			
CaPOPI_II_1266	scaffold1731	65474	TAATCGGGGACTCAACA TCC	CCCTTTGGATGCGAAAT AAA	59.75	279	INTERGENIC			
CaPOPI_II_1269	scaffold1740	2698	CGATTTGGCCATACAGG AAT	CCCATCTACATACCCAT CCG	59.78	498	INTERGENIC			
CaPOPI_II_127	Ca1	46523548	GTGGACAAACCTGCATT CCT	ACCATGCACAGTTGCTG AGA	59.97	675	INTERGENIC			
CaPOPI_II_1270	scaffold1756	5242	GGTGAGGTCCTTTGCCT CAA	TTGGATGAAGGCCATAA AGG	60.23	665	INTERGENIC			
CaPOPI_II_1271	scaffold1757	1167	AAGCGTACCTGTGGGAA TTG	TTAATGAGGGGCTGAAT TGG	59.99	259	INTERGENIC			
CaPOPI_II_1272	scaffold1778	1269	ACTTCCGCGCTAGATTT CAA	TCCTGTCCTCGATTTC ATC	59.98	282	INTERGENIC			
CaPOPI_II_1273	scaffold1779	131414	TTGTTTCTCCCCAGTTT TGG	TTCCATATCACACGGAA CCA	59.94	275	INTERGENIC			
CaPOPI_II_1274	scaffold1779	131497	TTGTTTCTCCCCAGTTT TGG	TTCCATATCACACGGAA CCA	59.94	275	INTERGENIC			
CaPOPI_II_1275	scaffold178	605	CAATAGGCCAAGGAAG GACA	ACATTGAGGCCATTTTC GTC	60.07	236	INTERGENIC			
CaPOPI_II_1277	scaffold1810	103255	TTGCTAGTTGCTGATGT GGC	GGTGTCATCGGGAGTC TGTT	60.02	300	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1278	scaffold1810	103852	AACAGACTCCCGATGAC ACC	AACATTTATGACGATAT TTATGAGTGA	59.97	438	INTERGENIC			
CaPOPI_II_1279	scaffold1816	53607	TGGTGAGGAAATGAGCA ACA	ACAAAAATGAAGGTGCG GAAG	60.24	679	INTERGENIC			
CaPOPI_II_128	Ca1	46528558	TTAAAAATCCCTCCTCG GCT	AACTCTGGGAACCTCC TGT	60.03	398	INTERGENIC			
CaPOPI_II_1280	scaffold1822	17416	AAGCACCAATTACCGAG GTG	TTGTATTTGGCGTGTCC GTA	59.99	720	INTERGENIC			
CaPOPI_II_1281	scaffold1830	4465	CCAAGGGAAGACGAAAA TGA	TGCATCCAACAGGTGTG TTT	60.04	665	INTERGENIC			
CaPOPI_II_1282	scaffold1835	8173	TCATTGCTCCTTTGAGT TGC	ATTTGCCACAGATACCG CTC	59.00	453	INTERGENIC			
CaPOPI_II_1283	scaffold1835	8463	GAGCGGTATCTGTGGC AAAT	CGGTTTGTGGCTTTCCT AAA	60.10	486	INTERGENIC			
CaPOPI_II_1284	scaffold1835	10086	TGGTTAACCTTGACCA CAA	GGATGCTTGAATTATGC CGT	60.00	672	INTERGENIC			
CaPOPI_II_1285	scaffold1844	2095	AACATGGGACGAGCTGT TTC	GGGATATTCAATAAGTG AAATTCAA	60.12	923	INTERGENIC			
CaPOPI_II_1286	scaffold1844	2214	TGCAATTATGATCATGC TTTATATG	GGGATATTCAATAAGTG AAATTCAA	58.20	732	INTERGENIC			
CaPOPI_II_1287	scaffold1844	2526	GACCTTTGAATTTATCT CTCTTTGAA	TTACAACATGTCAGGCC GAA	58.52	373	INTERGENIC			
CaPOPI_II_1289	scaffold1852	94526	GGTCCAACATCGACGCT AAT	TCGGATGTTACACACCT CACA	59.96	515	INTERGENIC			
CaPOPI_II_1290	scaffold1852	94771	GGTCCAACATCGACGCT AAT	TTTCAGTCATTTGATTC GGA	59.96	531	INTERGENIC			
CaPOPI_II_1291	scaffold1852	94935	TACCATGGAGTGTGCTC GAA	TTTCAGAACACAAATCT GCATGT	60.26	765	INTERGENIC			
CaPOPI_II_1292	scaffold1864	5989	TTGCCCATTTCTCCAAGT TTC	CGGATATAAGCATGGCA TCA	60.05	659	INTERGENIC			
CaPOPI_II_1293	scaffold1864	14836	CGCTCTGTTAAGTCGGT TCA	CATCCACGGAGCAAAAA CTT	59.07	251	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1295	scaffold1867	226694	ATCGATTTTGTCCGTTT TGC	GGAGGGTTTTGGTTTG GAAT	59.95	473	INTERGENIC			
CaPOPI_II_1296	scaffold1869	20055	TTTCAGGCGATTTTCGT ACC	ATTGTGTTTCGGGTTTC GAG	60.07	825	INTERGENIC			
CaPOPI_II_1297	scaffold1885	47510	GTAGCTTCGGCTACACC GAC	ATTCCGTTGTGCACTTG ATG	59.90	664	INTERGENIC			
CaPOPI_II_1298	scaffold1886	17993	GAGAGAGGCATTGCACA ACA	CGAAATTTCTTTAACGA GGGG	59.99	537	INTERGENIC			
CaPOPI_II_1299	scaffold1905	1617	ACTGATGTCAAGAGGGC CAG	AGAGGGTGGCAATGGT AATG	60.26	251	INTERGENIC			
CaPOPI_II_130	Ca1	46539360	TCCCAAACAGCCTGATA ACC	CTGATGACAAAAGGGG GAGA	59.93	744	INTERGENIC			
CaPOPI_II_1300	scaffold1923	10722	GGCCCCCAATATTTTGG TAA	ATTATTGGCCCCAACTC ACA	60.72	383	INTERGENIC			
CaPOPI_II_1301	scaffold193	79630	AAAATAAATGCGCCGTA TGC	AGATCATGTGCAAAAAG GGG	59.96	477	INTERGENIC			
CaPOPI_II_1302	scaffold193	79687	AAAATAAATGCGCCGTA TGC	AGATCATGTGCAAAAAG GGG	59.96	477	INTERGENIC			
CaPOPI_II_1303	scaffold1943	2994	TTTGTAGCCTGCTCGGA TTT	TCCATCGAGACTCATTT ATAAGCA	59.85	807	INTERGENIC			
CaPOPI_II_1304	scaffold1943	393620	TGGTTCTCATGATACGT GTGG	GCGCAAACACAAACAAC AAA	59.43	635	INTERGENIC			
CaPOPI_II_1305	scaffold1945	4916	CGTCAAACACAAACCTC CCT	TGGTTTTACGCCAACA TTA	60.01	659	INTERGENIC			
CaPOPI_II_1306	scaffold1956	63893	TTCGTTATGCAGTCAAA TTTCTAA	AAAATGGACCAACGTCC GTA	58.10	719	INTERGENIC			
CaPOPI_II_1308	scaffold1962	159146	CTTTTTACAGCGCTTGT GGG	AAGCCGTGTAATCTGAA CCG	60.79	557	INTERGENIC			
CaPOPI_II_1309	scaffold1962	170714	TCAAGGACCCAAAGCAC ATT	TACTCCCCCTTTGAGCT TGA	60.50	423	INTERGENIC			
CaPOPI_II_1312	scaffold1964	21448	GGGTCAGTTCATCCCAT GAC	TATGCATCTTTGTTGAC GCC	60.18	292	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1313	scaffold1964	172119	TTGTTTTGTTAGAAACG CCG	ACCCACATAGCGCAAGA TTC	58.86	313	INTERGENIC			
CaPOPI_II_1314	scaffold198	501505	TTGGCCAAGTCCCTGTT TAC	CGTTCTGAGGGAATTG TGT	59.97	498	INTERGENIC			
CaPOPI_II_1315	scaffold1981	239519	AAATTTGCGTTTAAATAA CGGG	TGGATCCTCCCTTTTGT ACG	59.34	779	INTERGENIC			
CaPOPI_II_1317	scaffold1981	355366	ACGATATTTTGAAGGC CCC	CGCGGATCCAATATCTC ACT	60.15	426	INTERGENIC			
CaPOPI_II_1318	scaffold1988	7769	ACCATACAAGTTCCCGC ATC	GAAGGAGCAGTAAGCC ATCG	59.82	725	INTERGENIC			
CaPOPI_II_1319	scaffold1996	1333	CGGATGAATCATTGGGA AAT	AGTGAAACCAACGCCAA AAC	59.58	325	INTERGENIC			
CaPOPI_II_132	Ca1	47630703	CGTGTCCGGCAAAGTAA AAT	GTGATGCACGCAGTAAT TGG	60.00	517	INTERGENIC			
CaPOPI_II_1320	scaffold1996	5730	TGTTAGGAGGATCTCAC GGG	ATTGTTGGAAAATTGGC TGC	60.07	823	INTERGENIC			
CaPOPI_II_1321	scaffold1999	29603	AGGGAGGACGAAAATG ACCT	AACCAATCTTGTGCATC CAA	59.94	670	INTERGENIC			
CaPOPI_II_1322	scaffold1999	29835	AATCCAACGACAACGGA ACT	CCGATGTTGTGCATCCA ATA	59.45	541	INTERGENIC			
CaPOPI_II_1323	scaffold2000	1544	GCCTAGGGATGACGAAA ATG	TGTGTTTGCCTATTGG ATT	59.53	566	INTERGENIC			
CaPOPI_II_1327	scaffold2018	4354	CATGGTTTTGTTGTCTG TGC	TGTTTGCTTTAAGCGAT GTCA	60.01	462	INTERGENIC			
CaPOPI_II_1328	scaffold2018	16998	AAGGCTCACTTGCAAAG ACG	GGTATTGCTGCAGTTT TGG	60.57	445	INTERGENIC			
CaPOPI_II_1329	scaffold202	17816	TCACAAGGGTAGTTTTG GGTTT	CTGCCAGCTCACCTCCT ATC	59.78	685	INTERGENIC			
CaPOPI_II_133	Ca2	42172	TGGCAGTCTGTTTCACG TTT	CAAGGGACCAGATTCTG CAT	59.34	553	INTERGENIC			
CaPOPI_II_1330	scaffold202	20536	TGCATCCAACCTTTGGTG TGT	ACACCGTTGTTTATGCA CGA	60.01	373	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1331	scaffold202	22635	GGATTACATTCGCTTCT CCG	GCAAAACATGCGAAACA GAA	59.67	804	INTERGENIC			
CaPOPI_II_1332	scaffold202	22768	TTGCAATCATGAGGCAA GTC	GCAAAACATGCGAAACA GAA	59.81	235	INTERGENIC			
CaPOPI_II_1333	scaffold202	37860	ATTGGAGGCTGGTTTTG TTG	ATCGTGGGGATGAATTT GAA	59.97	539	INTERGENIC			
CaPOPI_II_1334	scaffold202	37967	ATTGGAGGCTGGTTTTG TTG	ATCGTGGGGATGAATTT GAA	59.97	539	INTERGENIC			
CaPOPI_II_1335	scaffold202	39185	GCACCGGAAAATACGTA GGA	ATTATCTTGTGCGGCC TAA	59.96	359	INTERGENIC			
CaPOPI_II_1336	scaffold202	39293	GCACCGGAAAATACGTA GGA	ATTATCTTGTGCGGCC TAA	59.96	359	INTERGENIC			
CaPOPI_II_1340	scaffold202	104727	TCATTATCCAATCCAT CCA	TCGAGTGTGATCTCAA GGA	59.66	489	INTERGENIC			
CaPOPI_II_1341	scaffold2024	1945	GAATGTTAGGGTTTCCG GGT	GATGAAATCGAGGACTG GGA	60.05	338	INTERGENIC			
CaPOPI_II_1342	scaffold2027	955	AGAAAGGCTCAAACGAC CAA	ACAGAGGAAGCTGCCA CCTA	59.85	672	INTERGENIC			
CaPOPI_II_1343	scaffold2030	4596	AGGGTTTAGGATTTGCG GTT	CATATCAAAAACCCAAA TGACC	59.97	243	INTERGENIC			
CaPOPI_II_1345	scaffold2040	159577	TGAAGAGGGGAATCCAT CTG	TTAACAACCTCTGGTTC GGG	60.00	372	INTERGENIC			
CaPOPI_II_1346	scaffold205	46882	GAGAGGATTTGTGTTC CGA	GGAATGCTCAAAGGTTG CAT	60.05	235	INTERGENIC			
CaPOPI_II_1347	scaffold206	162025	CTTGGAATTCATTGATCC GCT	GTTTGGTTTTCTTTGGG GGT	60.04	423	INTERGENIC			
CaPOPI_II_1348	scaffold206	176077	CTCTCGCTATGAAAAAC GGG	TGGGTTCAATTGGCATT TTT	59.84	759	INTERGENIC			
CaPOPI_II_1349	scaffold206	190834	ATCCCTAACGCCGTTTT TCT	ATATTGGCTCGGAGGCT TTT	59.97	480	INTERGENIC			
CaPOPI_II_135	Ca2	1640062	AGATCATGTGCAAAAAG GGG	AGTAACCGTGAGGGAA CGTG	59.93	509	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1350	scaffold207	6894	GCAAACTCGACAGGAA AGC	TTGGTGAAGATGTCAGC CAG	60.00	370	INTERGENIC			
CaPOPI_II_1351	scaffold208	174233	CCTTGGAGTATTCTCGG CAG	TGCTGATCCGTGAGAG ATTG	59.83	894	INTERGENIC			
CaPOPI_II_1352	scaffold210	31686	TTTTCTCGCAAAACATG CAG	TTCGCAACTCCACTCTT CCT	59.99	712	INTERGENIC			
CaPOPI_II_1353	scaffold2103	145039	GCCAGAACACCGACCAT ACT	CCAAGTGGTACAACCTGG TGCTCT	60.00	581	INTERGENIC			
CaPOPI_II_1354	scaffold2126	3526	CCATGAAAAGAAGAAGG GCA	GCCTTTTACTGCACTTT GGC	60.18	472	INTERGENIC			
CaPOPI_II_1355	scaffold2134	5442	GAAAAAGGAACGAAGG GAGG	AACGGAACGAGCGAGT CTTA	60.05	566	INTERGENIC			
CaPOPI_II_1356	scaffold2152	108576	TTTCAGCTTCATCGCAT TCA	GAGATTCCAAGAACAA GGC	60.49	448	INTERGENIC			
CaPOPI_II_1357	scaffold2166	41038	GCTCGAACTGGTGGCT ACT	TCCACAACAACCTACGT CCA	59.50	245	INTERGENIC			
CaPOPI_II_136	Ca2	2169056	AACCTCTCCAAGAGGAT CGG	GGAGAGTGAAACGGAT GGAA	60.59	648	INTERGENIC			
CaPOPI_II_1362	scaffold2173	19619	GGATGACACAAACGCAC CTA	ATTTTTGTCTCCCTTG GCT	59.57	385	INTERGENIC			
CaPOPI_II_1363	scaffold2173	19824	CCAAGGGAGGACAAAA TGA	TTTTCGTCCTTCACAGG CTT	59.90	515	INTERGENIC			
CaPOPI_II_1364	scaffold2179	20793	ATCAGCGAGGATGCAGA ACT	CATCGCTCAGTTTGGAC TCA	59.98	789	INTERGENIC			
CaPOPI_II_1365	scaffold2179	35934	GAATTTGAACCTCCAAG CCA	ATAGCGGAGAAGCCCA TACA	60.05	404	INTERGENIC			
CaPOPI_II_1366	scaffold2179	35973	GAATTTGAACCTCCAAG CCA	ATAGCGGAGAAGCCCA TACA	60.05	404	INTERGENIC			
CaPOPI_II_1367	scaffold2179	36066	GAATTTGAACCTCCAAG CCA	TGCATTCCACATACAAG GGA	60.05	582	INTERGENIC			
CaPOPI_II_1368	scaffold2183	19955	TAGGGCGATTTTCGTAC CAC	TTTTCGCATATTTATTTG ACAACCTC	59.96	468	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1369	scaffold2183	67523	AGTCGCTCGAAAAGTCC AAA	TCCTGGTCCTCGATTTC ATC	59.99	528	INTERGENIC			
CaPOPI_II_137	Ca2	2692293	AAAGGTGATGAAGCAGA TTTTGA	TGGTGTCTCTCTTCTC TAATCG	60.12	478	INTERGENIC			
CaPOPI_II_1370	scaffold22	24507	ATGAGGCTCAAATGCC ATC	GCCAACTTTTCCAATGC CTA	60.04	727	INTERGENIC			
CaPOPI_II_1371	scaffold22	34524	GCAGCATCGCAGATCAT AGA	CGAATTGGGTTTTCGTT CTC	60.09	181	INTERGENIC			
CaPOPI_II_1372	scaffold2205	49159	TTTTTAACCAATCTTCG GCG	AGGGAGGACGAAAATG ACCT	60.07	272	INTERGENIC			
CaPOPI_II_1373	scaffold2208	20005	CAAACACACCTGTTGGA TGC	CCCTAGGCTTATTCTTG CCC	60.01	362	INTERGENIC			
CaPOPI_II_1374	scaffold2210	15184	TCCAGATGAAATCGAGG ACC	AAATCCGACACGTAAC CGG	60.01	531	INTERGENIC			
CaPOPI_II_1375	scaffold223	95879	TTGGTCTCCTTGTTG TGC	TGGAGACCCCTTGATGA AAC	59.73	502	INTERGENIC			
CaPOPI_II_1376	scaffold2249	1002	TATTCCCACCCACGATC ATT	CAACCAAGCCATTTTCC ATT	60.01	871	INTERGENIC			
CaPOPI_II_1379	scaffold227	195682	AGACACAAACCCGCAA TAG	GGATGCCACCATTCAG TTT	59.99	338	INTERGENIC			
CaPOPI_II_138	Ca2	2996172	TTCTAAGGACCAACGCA ACA	GTATGATCGATTATGCG CGA	59.32	434	INTERGENIC			
CaPOPI_II_1380	scaffold227	196111	AAACTTGAATGGTGGCA TCC	AGTAATGAATGGGCGA GTGG	59.80	595	INTERGENIC			
CaPOPI_II_1381	scaffold227	196280	AAACTTGAATGGTGGCA TCC	AGTAATGAATGGGCGA GTGG	59.80	595	INTERGENIC			
CaPOPI_II_1382	scaffold227	197474	CCTAATGGCGGAAATTG TGT	TAATCAGACCGTGTGG GTGA	59.82	626	INTERGENIC			
CaPOPI_II_1383	scaffold2275	15734	AGTGTATAACCCGTGCG TCG	TTGGAGTCATGCTTTTC ATCA	60.96	229	INTERGENIC			
CaPOPI_II_1384	scaffold228	136549	GATGAAATCGAGGACAG GGA	TGCGCTTTTCTCAAGTG CAT	60.01	445	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1385	scaffold2289	12871	TGTGTTTGTGCCATTGG ATT	AGGGAGGATGAAAACG ACCT	59.82	475	INTERGENIC			
CaPOPI_II_1386	scaffold2301	22791	CAAACACACCTGTTGGA TGC	CCTCGCTTGGCTTATTC TTG	60.01	466	INTERGENIC			
CaPOPI_II_1387	scaffold2301	54382	CCAAAGGAGGACGAAAA TGA	GCCTGTTTGTGACATTG GAG	60.04	349	INTERGENIC			
CaPOPI_II_1388	scaffold2301	54476	TGGATGCACATGATTGG TTT	AGGTCATTTTCGTCCTC CCT	59.78	316	INTERGENIC			
CaPOPI_II_1389	scaffold2346	28393	TGGGCGATTTTGTACT TCC	CCCGAAAAAGTCCAGATG AAA	59.94	395	INTERGENIC			
CaPOPI_II_1394	scaffold2371	73153	TGTGTCGGAGAATCTTC CCT	ATCGACGATAAGTCATC GGG	59.66	950	INTERGENIC			
CaPOPI_II_1395	scaffold2371	73366	CAAGAAAAAGTTTGTAC TTCCGA	ATCCACGCCACATAAAC CAT	59.80	919	INTERGENIC			
CaPOPI_II_1396	scaffold2371	73819	ATGGTTTATGTGGCGTG GAT	TGAATGAAGCGAAAAATG TGC	60.08	321	INTERGENIC			
CaPOPI_II_1397	scaffold2371	150056	GCATTGGGGGGTATGTT TTA	CATCTTCCTTCCACAAT TTCTTT	59.66	970	INTERGENIC			
CaPOPI_II_1398	scaffold2371	287452	CGACTCGTGTCTAAAA CTCAA	TTTCATGCCATAAGTCA TTGTG	59.42	884	INTERGENIC			
CaPOPI_II_1399	scaffold2385	5093	GAGTGAATTGTAACAGC CCAAA	GGACTTGCGGTGAAGA AGAA	59.13	720	INTERGENIC			
CaPOPI_II_14	Ca1	3020354	CAAGCAACATGCTGAAG GAA	ATGTCCTTAGTGTCACG GGG	59.99	808	INTERGENIC			
CaPOPI_II_140	Ca2	3031259	TCAATTGCGATGGATAG AGAAA	AATTGGGTACCGATTG CGT	59.68	647	INTERGENIC			
CaPOPI_II_1400	scaffold2385	5335	GAGTGAATTGTAACAGC CCAAA	TCATTCGACGCTTTCA CAC	59.13	968	INTERGENIC			
CaPOPI_II_1401	scaffold239	109266	GGTTTCAACCCCAATGC TTA	TCGACTTGTCAATCGCT TTG	59.80	808	INTERGENIC			
CaPOPI_II_1402	scaffold2392	10820	GGTAGGCCTTGGGCTA GTGT	TTGGAAGGAGCCCTTAC CTT	60.52	729	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1403	scaffold2392	326211	TCATCCCCACCTACAC AAG	GTGCATGTGGCTGAAAA ACA	58.41	552	INTERGENIC			
CaPOPI_II_1404	scaffold240	38776	TATTTTGGATTTTGGCT CGG	TAGGAGAAACGGAGGG GTTT	59.90	575	INTERGENIC			
CaPOPI_II_1405	scaffold240	150038	GGAGGCTTTGAAATTAG GGC	CTCCAGCGCACAAACATC TAA	60.04	783	INTERGENIC			
CaPOPI_II_1406	scaffold240	151385	AGATGCATGTGATGAAA CCAA	TACTCCATTTCCTCCC CTT	58.99	727	INTERGENIC			
CaPOPI_II_1407	scaffold240	156860	GACAATCGCAGGAAGTG GTT	GCATTGCACCAAAACAC AAC	60.12	699	INTERGENIC			
CaPOPI_II_1408	scaffold242	593752	GGTTGTTTGAGCAAAC GCAT	TTTGATTTGTTTGATGA GCCA	60.17	634	INTERGENIC			
CaPOPI_II_1409	scaffold242	735562	CGAACTTGAGAATTCAC CGC	GTGGAAAAGGGGATTG GATT	60.78	371	INTERGENIC			
CaPOPI_II_1410	scaffold2434	76263	TTCTTCGTTTTGTAGTT GTACTCAATG	GGCAACAAGAACCGAA AAC	60.04	638	INTERGENIC			
CaPOPI_II_1411	scaffold2501	7458	AACCGATCTTGTCGATC CAA	AGGGAGGACGAAAATG ACCT	60.46	373	INTERGENIC			
CaPOPI_II_1412	scaffold2505	1462	ATTCCAAACCAAAACCC TCC	TTGCTCACTACCACGCT ACG	60.03	884	INTERGENIC			
CaPOPI_II_1413	scaffold2505	1793	CGTTTCCACACAACCAC AAA	TTGCTCACTACCACGCT ACG	60.44	112	INTERGENIC			
CaPOPI_II_1414	scaffold2511	7402	TGTTGAAGAAGGTTTGG GGG	CCAATAACGATCAAGCA ATCG	59.94	359	INTERGENIC			
CaPOPI_II_1415	scaffold2528	19502	GTCCTCCGTTGGCTTAT TCA	GGACGAAAATGACCAAA AGG	60.07	488	INTERGENIC			
CaPOPI_II_1416	scaffold2542	2207	TCATTTGGACTTTTCGG GAG	TCAATTTGGGTTTCAGGG TGT	60.04	816	INTERGENIC			
CaPOPI_II_1417	scaffold2557	49964	CTTGGGCAAAACACCTCC TAA	TGCATTGGTATATGGAG GCT	60.10	907	INTERGENIC			
CaPOPI_II_1418	scaffold2560	60629	GGAGAACATTATCCGTT TTCCA	TCAAAATTCATCCTCAC CCA	60.18	536	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1419	scaffold2560	61168	GGGTGAGGATGAAATT GAAGA	ATTCGGTAGCACATTG TCC	60.30	864	INTERGENIC			
CaPOPI_II_1420	scaffold2575	196132	ACTTTTCACCACATCCC TCG	ATCCATTCCCCACATTG AAA	59.97	347	INTERGENIC			
CaPOPI_II_1421	scaffold2575	279306	TTTTTGTGGATGTAGT CCCTG	CATGAACATTTAAGAGT TTGCATTT	58.99	583	INTERGENIC			
CaPOPI_II_1422	scaffold2575	280082	TCCCAAGGTATCATTGT CTCTTT	TCCGAGTTTTGTGTGAG TGTG	59.01	316	INTERGENIC			
CaPOPI_II_1423	scaffold26	506230	ATTGGCGTGAAAACCGT TAG	TGACGGGTCTGCACAAT TTA	60.00	538	INTERGENIC			
CaPOPI_II_1424	scaffold2603	6501	AGCAGCTTCAAGCAAAG CTC	TGAACCAGTCCAATTCA ACAGT	60.04	485	INTERGENIC			
CaPOPI_II_1425	scaffold2603	67369	AATCCGCAACGGAGTTT ATG	TGAACGAGCTGAGAGA AGCA	59.96	617	INTERGENIC			
CaPOPI_II_1428	scaffold2617	324497	AAACAAGTTGGTGGTGG AGC	AAAGTTAATTCAAATGC ACTGTCA	60.01	290	INTERGENIC			
CaPOPI_II_1429	scaffold2617	402483	GTTGCAAGGGTGGAGT GATT	AACAATTGTGAAACGTC TCCG	59.97	640	INTERGENIC			
CaPOPI_II_143	Ca2	4285697	CCAGTCCCGAAATTAAG CGA	ACTTGCATAATCGATT GGG	59.93	613	INTERGENIC			
CaPOPI_II_1430	scaffold2617	402519	GTTGCAAGGGTGGAGT GATT	AACAATTGTGAAACGTC TCCG	59.97	640	INTERGENIC			
CaPOPI_II_1431	scaffold2660	12451	CCTAGGGACGACGAAAA TGA	TGCATCCAACAGGTGTG TTT	60.07	462	INTERGENIC			
CaPOPI_II_1432	scaffold2662	1313	TGCACTTGCAACACATC TCA	TGGCTATTGATTATCCC ATTTTG	60.03	866	INTERGENIC			
CaPOPI_II_1433	scaffold2662	26227	AACACCATGAAACGCTC CTC	CGAAGCCGAGAAAATGA CTC	60.12	589	INTERGENIC			
CaPOPI_II_1434	scaffold2662	31062	AGAGGATGCGGATCAAT GTC	GGACAACCTGGGAAAA GTGA	60.04	898	INTERGENIC			
CaPOPI_II_1435	scaffold2669	16328	TTTAGGCGATTCTACG TGC	TTGAGGGGTGGCAAGT TTAG	58.07	641	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1436	scaffold2692	14565	ACCTGTCAAAAGTTTTC AAGCA	TCCTTCACCAACCAAC AAA	58.93	420	INTERGENIC			
CaPOPI_II_1437	scaffold2692	14759	ACCTGTCAAAAGTTTTC AAGCA	TTTCCTTCACCAACCA ACA	58.93	422	INTERGENIC			
CaPOPI_II_1439	scaffold2726	4506	CAAACACCCCTATTGGA TGC	AGGTCATTTTCGTCCTC CCT	60.19	380	INTERGENIC			
CaPOPI_II_1440	scaffold2734	606	TTTCTTTTCCCTCCAAG CA	GGGGGAGAGAACAAT CCAT	59.80	550	INTERGENIC			
CaPOPI_II_1441	scaffold2736	3536	TTCAAGGAAAATGCCCA GTC	TGTTTGCACAACACAA CAA	60.05	385	INTERGENIC			
CaPOPI_II_1443	scaffold275	162362	CGAAGCACAAAGGAGAT GACA	GGTTTGGGCAATCTGCT TTA	59.98	762	INTERGENIC			
CaPOPI_II_1444	scaffold275	377072	TCAAGATACCCAGTGCA CCA	AGCGACATGTGAACAAC AGC	60.11	551	INTERGENIC			
CaPOPI_II_1446	scaffold277	4447	TAAAGGAGCATCCGTGG AAT	TGCATGTATCATAGACC GCC	59.53	472	INTERGENIC			
CaPOPI_II_1447	scaffold277	4861	TGGAGAAACCTTGTGAA CCA	GAAACGGAAAGGGGAA CAAT	59.11	316	INTERGENIC			
CaPOPI_II_1449	scaffold277	252454	CCCATTGCATTGCCTTC TAT	TAAAGGACCATGTCGG GAAG	59.92	329	INTERGENIC			
CaPOPI_II_145	Ca2	4892794	GCGGACATAAGGAAGAT GTGA	AGGTCTGCGAAGATGG AAAA	60.09	606	INTERGENIC			
CaPOPI_II_1450	scaffold2777	4052	CATTGATTAAGAACGCA AATGG	AGTTGGTCCCAAAAGTG CAA	59.49	199	INTERGENIC			
CaPOPI_II_1451	scaffold2782	6224	CTTTTCGGGCGATTTC ATA	GATGAAATCGAGGACTG GGA	60.03	483	INTERGENIC			
CaPOPI_II_1452	scaffold280	52649	TGGTCATGCAGAAATC AGC	ACTCTCATCTGAGGGC GAAG	59.99	330	INTERGENIC			
CaPOPI_II_1453	scaffold280	128741	ATTCCAAACCAAAACCC TCC	TGATTTTGGGGGAAAT GAA	60.03	943	INTERGENIC			
CaPOPI_II_1454	scaffold281	1263	TGTTGACACTCAGTCT TACGG	TGCATGCCCTTTGATTT ACA	60.35	287	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1455	scaffold281	1388	TGTTTCGACACTCAGTCT TACGG	TGCATGCCCTTTGATT ACA	60.35	287	INTERGENIC			
CaPOPI_II_1456	scaffold281	1467	TGTTTCGACACTCAGTCT TACGG	ATCGGAAAAGTGACATT GGG	60.35	515	INTERGENIC			
CaPOPI_II_1457	scaffold281	2224	TGGGCAGATTTGTAACA CGA	GCGAAACCCGATTCTAT TGT	60.11	593	INTERGENIC			
CaPOPI_II_1458	scaffold281	3002	ACAATAGAATCGGGTTT CGC	AGGACTATTTTGGTCT CCCA	59.05	623	INTERGENIC			
CaPOPI_II_1459	scaffold281	3090	ACAATAGAATCGGGTTT CGC	AGGACTATTTTGGTCT CCCA	59.05	623	INTERGENIC			
CaPOPI_II_146	Ca2	4894086	TTGAACTACAACCAGCG CAC	TTTTGTTCAATTTCTTGC TCCA	59.91	493	INTERGENIC			
CaPOPI_II_1460	scaffold281	3414	TGGGAGACCAAAAATAG TCCT	CGTTGACCATTTTAAGC TTGG	57.66	534	INTERGENIC			
CaPOPI_II_1461	scaffold281	3735	TGGGAGACCAAAAATAG TCCT	CAAGAGGGGTTCGAAG TGTT	57.66	648	INTERGENIC			
CaPOPI_II_1462	scaffold281	4125	AACACTTGCAACCCCTC TTG	ATGATGATTTTCTCCCC GTG	60.15	595	INTERGENIC			
CaPOPI_II_1463	scaffold281	4227	AACACTTGCAACCCCTC TTG	ATGATGATTTTCTCCCC GTG	60.15	595	INTERGENIC			
CaPOPI_II_1464	scaffold284	4461	TACGATGATGAACAGTC GGC	TTGGTTTCAAGACCTGC ATCT	59.68	424	INTERGENIC			
CaPOPI_II_1465	scaffold2871	30418	GGTTTTGGATTGGGCT ACA	GGGTATGGCTTTGATC ATGT	59.80	521	INTERGENIC			
CaPOPI_II_1466	scaffold2893	10683	GCCAGATCTTCGATT AGC	CCTTCAATGGAACCGCA TAC	59.92	255	INTERGENIC			
CaPOPI_II_1468	scaffold290	293241	TTGCTCTTAATTTTTCCT CGAA	GTGAGTCTGCGACCAC TTGA	58.20	602	INTERGENIC			
CaPOPI_II_1469	scaffold290	400824	TTGTGTTGCATTGTGGA TTCT	CACAGCCCCTCTAAACC AAC	59.04	650	INTERGENIC			
CaPOPI_II_147	Ca2	6505178	CGTAATAACGGCGAGGA AAA	TGAGCAGGGGAAGAG TAGA	60.09	548	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1470	scaffold290	452067	GAAAAATTCACCACCGA TTAGG	TACAATCAGGATGCGTC CAA	59.72	632	INTERGENIC			
CaPOPI_II_1471	scaffold2900	7979	TATGAAAATCGCCCCGAA AAG	GGTCCTCGATTTCATCT GGA	60.03	355	INTERGENIC			
CaPOPI_II_1472	scaffold2928	22766	AACCAATGATGTGCATC CAA	AGGGAGGACGAAAATG ACCT	59.78	471	INTERGENIC			
CaPOPI_II_1473	scaffold2928	23701	AGACCTCGCTTGGCTGA TTA	ACGGAGGAGGAAAATG ACCT	59.98	210	INTERGENIC			
CaPOPI_II_1474	scaffold2932	2304	ATTGTCGTCCTCCCTAG GCT	ACACCTATTGGATGCC AAG	60.10	670	INTERGENIC			
CaPOPI_II_1475	scaffold2950	1436	GTCCTCTGAAACCTCCC ACA	TTTTGGGTCGTGACACT TGA	60.09	337	INTERGENIC			
CaPOPI_II_1476	scaffold2950	6843	CCAAATTACAACCGACC CAC	AAAGGCGCTCCTCTATC ACA	60.09	650	INTERGENIC			
CaPOPI_II_1477	scaffold2950	6903	CCAAATTACAACCGACC CAC	AAAGGCGCTCCTCTATC ACA	60.09	650	INTERGENIC			
CaPOPI_II_148	Ca2	6640316	ATGGCCACGAATCTGAA GAG	ACGGTTGTTTTGGCATT GAT	60.22	890	INTERGENIC			
CaPOPI_II_1481	scaffold2955	9708	ACTATGCAAAGGTGCAA GGC	CACCATTTTCGTCCAC TCT	60.28	374	INTERGENIC			
CaPOPI_II_1482	scaffold2955	10080	AGAGTGGACGGAATG GTG	AAACTTGGTGCCCTGAC TTG	59.97	621	INTERGENIC			
CaPOPI_II_1483	scaffold296	11327	TGGACGTAGTCCGAGTT GGT	CTTGTGCTTCGGTTACA GCA	60.57	517	INTERGENIC			
CaPOPI_II_1484	scaffold296	261628	CATTGTGGGAGCGTAAG ACA	TCGCAACTCTCATGTGT ATGG	59.72	388	INTERGENIC			
CaPOPI_II_1487	scaffold296	406805	AGTTATTTACGACGCAC GGG	GGCACGACATCATCATC ATC	60.02	547	INTERGENIC			
CaPOPI_II_1488	scaffold298	8123	AAATGAAAAGTGGCGAG GAC	AGTTACCCATTGTGGC AGC	59.17	740	INTERGENIC			
CaPOPI_II_1489	scaffold298	208119	AGTCGGAGGTTCTAGC ACA	ATTGTTGGGCTTGTGAG TCC	59.87	471	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_149	Ca2	6641737	GTATTCAGGGGCGAAG GAAT	AATGCAAACGACAAAGG AGG	60.29	500	INTERGENIC			
CaPOPI_II_1492	scaffold3015	73264	TTTGTGTTTGCATGAC GAT	TAAAGCGGAGTTTCTC CCA	60.12	792	INTERGENIC			
CaPOPI_II_1493	scaffold3015	73454	GTCTCGCGTTGAGTTAA GGG	TAAAGCGGAGTTTCTC CCA	59.88	489	INTERGENIC			
CaPOPI_II_1494	scaffold3015	73940	TGGGAGAACTCCGCTC TTA	TGATGGCTCCAAGGTGT ATG	59.95	538	INTERGENIC			
CaPOPI_II_1495	scaffold3015	74020	TGGGAGAACTCCGCTC TTA	TGATGGCTCCAAGGTGT ATG	59.95	538	INTERGENIC			
CaPOPI_II_1496	scaffold3015	74169	TTTGAAATTTAGGGTG TCACG	TGATGGCTCCAAGGTGT ATG	59.03	221	INTERGENIC			
CaPOPI_II_1499	scaffold3046	14446	TTGGATGAACATTTGCG TCA	AAGCCTAGGGAGGACG AAAA	59.90	240	INTERGENIC			
CaPOPI_II_15	Ca1	3783626	TTCACAATTACCACAAA GATCG	GCGACTATCCAGGAAAT CCA	57.69	433	INTERGENIC			
CaPOPI_II_150	Ca2	6641916	GTTCTATGGGGACAGG GTCA	TATCAACTACCAGAGCG GGG	59.78	476	INTERGENIC			
CaPOPI_II_1500	scaffold306	128535	ACCGAAAGGAGAACACA TGG	TGCAATGAAAGTTTAA AGACCA	59.97	240	INTERGENIC			
CaPOPI_II_1501	scaffold306	166393	TGCACAAGTCAGTAGCA CCC	GCCAATCGATTACCCTC AAA	59.91	138	INTERGENIC			
CaPOPI_II_1502	scaffold3092	1124	GAGGTATTTTACAGCGC TCTTTC	TTGGGTCTGAAGAATGG CTC	58.67	117	INTERGENIC			
CaPOPI_II_1503	scaffold3093	19732	GAACCCTCACAAATCACA CGA	GAGCGCTGTAAACACC TCC	59.53	863	INTERGENIC			
CaPOPI_II_1504	scaffold311	91768	TGGGCAAGAAAAAGCCT ATG	AGGTCATTTTCGTCCTC CCT	60.20	836	INTERGENIC			
CaPOPI_II_1506	scaffold3115	62578	CTTGGTGGTCCACTATG TGC	GGAGGTCAAAATACTAA CTGCGA	59.01	594	INTERGENIC			
CaPOPI_II_1507	scaffold3115	62639	CTTGGTGGTCCACTATG TGC	TTCATAGGAGGCTGCCA TTC	59.01	632	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1508	scaffold3115	62933	CTTGGTGGTCCACTATG TGC	TTCATAGGAGGCTGCCA TTC	59.01	632	INTERGENIC			
CaPOPI_II_1509	scaffold3115	63986	TGAAGCATATGCCGTGA GAG	CGGTCAATGAACTTTAC ATGC	59.97	559	INTERGENIC			
CaPOPI_II_151	Ca2	6643843	ATGGAACAAGCAGCGAA GTT	GTTGATACGAGGGGGT TGAA	59.88	537	INTERGENIC			
CaPOPI_II_1510	scaffold3127	8863	AATCCAATGGCACAAC ACA	GGACATTTTCGTCCTGC CTA	59.82	488	INTERGENIC			
CaPOPI_II_1513	scaffold3134	109334	AGGAAGAGTGGAGTTG CGAA	TTAATGTGTTGCGGGTG AAA	59.99	342	INTERGENIC			
CaPOPI_II_1514	scaffold3135	4161	TCCAGATGAAATCGAGG ACC	CCCGAAAAGTCCAGATG AAA	60.01	882	INTERGENIC			
CaPOPI_II_1515	scaffold3149	9644	TTTCATCTGGACTTTTC GGG	ATCGTCGATGGGTACG AAAG	60.04	452	INTERGENIC			
CaPOPI_II_1517	scaffold3160	9833	AACCAGTCACTCAAGCG TCC	TGGCTGGTGATTGTGT GAT	60.31	165	INTERGENIC			
CaPOPI_II_1518	scaffold3160	10499	TGGCTTTTTAGTTAGAG CACCA	GCAAACAAAGGAAACG GAAA	59.08	629	INTERGENIC			
CaPOPI_II_1519	scaffold3171	2398	TGATGGAGGATTGAGGA AGG	GTTGACAAATGCAAAAT GCG	60.00	431	INTERGENIC			
CaPOPI_II_152	Ca2	6648530	TTATCGATCGTCGGTGT CAA	TTCCATATGCACCTCCC ATT	60.07	612	INTERGENIC			
CaPOPI_II_1520	scaffold3171	2647	TGATGGAGGATTGAGGA AGG	GTTGACAAATGCAAAAT GCG	60.00	431	INTERGENIC			
CaPOPI_II_1521	scaffold3212	725	CGAGTCGTGCTTGATA ATGGA	CCCATTAGTGGTGATGC TCC	60.13	125	INTERGENIC			
CaPOPI_II_1522	scaffold3212	1519	AATGACATTTGTCCCCG TAGA	ATCGGTGGCATGTCCTT ACT	59.30	741	INTERGENIC			
CaPOPI_II_1523	scaffold3212	1828	GCAGAAATTTAAATGAG TGGTGTG	TGGAAGGTGGAGGTTT AGAG	59.94	715	INTERGENIC			
CaPOPI_II_1524	scaffold3212	2564	TGAACCTCCACCTTCCA TTC	CAAACAAATGAGTGCG ATG	59.90	439	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1525	scaffold3212	6334	GAGCACATGATCTCGCA GAA	CACTGCTGAAGCGGAAT ACA	60.10	213	INTERGENIC			
CaPOPI_II_1526	scaffold3217	4699	CGCTTTGCCCTTAGTTT GAG	ATTCCCCATCAATTGG ACA	60.01	298	INTERGENIC			
CaPOPI_II_1527	scaffold3228	1858	TCAGCTTTTGGCTGAT GTG	CTTGTGGATTGGGTCTT GTG	59.99	247	INTERGENIC			
CaPOPI_II_1528	scaffold3229	5378	AGCTGAAATCCACAAG GCA	GATAATGGCCGCATGAA AAG	60.78	366	INTERGENIC			
CaPOPI_II_1529	scaffold3229	8934	TGAAGCACAAATGTTGGT TTTG	TGTAAAGTGCAACACCC GTC	59.62	692	INTERGENIC			
CaPOPI_II_153	Ca2	7171869	CGGCCATTAAATTTCTG ACA	TTGCATTATGTTTCTGG CAAA	58.63	320	INTERGENIC			
CaPOPI_II_1531	scaffold3258	41416	TTTTTGTTTGAATACA CGGTT	TTTTTCCTCGAGTGCAG CTT	58.52	588	INTERGENIC			
CaPOPI_II_1532	scaffold3258	46908	ATGGCCCCATTATTGAG GTT	TGCACGAGTCTAATGAG GGA	60.40	696	INTERGENIC			
CaPOPI_II_1533	scaffold3258	48852	ATGACACGGCTGAATGT CAA	ACGCACGTATGTTGTCC AAA	60.12	374	INTERGENIC			
CaPOPI_II_1534	scaffold3258	52201	TTTTTGGGTCCTATCA ACTAA	TCCAACAATAATTTAAAA CCTTACAA	57.69	500	INTERGENIC			
CaPOPI_II_1535	scaffold3258	66747	GAAAGCGCTGTAAAAGG TGC	TGATTGCTGGGAAATG ACA	60.03	504	INTERGENIC			
CaPOPI_II_1536	scaffold3258	74031	AACTTCCACACCTGTCT CCG	AATTCAAAAGAATGTCG GCG	60.15	726	INTERGENIC			
CaPOPI_II_1537	scaffold3258	74657	AATGCAATCGTCAGGAC ACA	TATGGACCGGAAATGGA TGT	60.12	630	INTERGENIC			
CaPOPI_II_1538	scaffold3317	3339	GCATCTGTGTAGCCATC CAA	TAGGTCATTTTCGTCCT CCG	59.68	738	INTERGENIC			
CaPOPI_II_1539	scaffold3321	69689	TCTTGCAGGAGCTTGGA TTT	TGTGCCGACAATTAACC AAA	59.96	681	INTERGENIC			
CaPOPI_II_154	Ca2	7171912	CGGCCATTAAATTTCTG ACA	TCATTCATAACGAGTG ACCCA	58.63	584	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1540	scaffold333	8945	GATGAAATCGAGGACCA GGA	GACTTTTCGAGCGATTT TCG	60.01	299	INTERGENIC			
CaPOPI_II_1541	scaffold335	88156	TTGTCTTCTTGTGGCCG ACT	TTTTACAGGCGATTGG AGC	60.83	785	INTERGENIC			
CaPOPI_II_1542	scaffold336	633921	GAGAAAGGCAAGACCA GTGC	TTGCAATTCAACTGATG GGA	60.00	365	INTERGENIC			
CaPOPI_II_1543	scaffold3364	43644	AGCCAAGGGAGGATGA AAAT	CGTCCACCCTTTGATTA TCC	59.90	214	INTERGENIC			
CaPOPI_II_1544	scaffold3369	18856	TTCAACGTGACCTGCTC ATC	ATGGGTCCAGGTCATCT CAG	59.84	671	INTERGENIC			
CaPOPI_II_1545	scaffold338	76520	CTTGGCCATAAAATCGG AAA	AGGATGCATGGGATGA AAAG	59.90	661	INTERGENIC			
CaPOPI_II_1546	scaffold340	161360	GCGGATATCGTAGGGT GCTA	TACATCCAGAAGGCTAC CGC	60.08	539	INTERGENIC			
CaPOPI_II_1547	scaffold341	135303	AATGGAGTTGCGACGA GAGT	TCTCCGTAAAGGATTCA CCG	59.87	540	INTERGENIC			
CaPOPI_II_1548	scaffold342	310549	TTGTGACATTTCATCAAA CACA	CAACCGACGTTGAAGAA CAA	57.51	933	INTERGENIC			
CaPOPI_II_1549	scaffold342	340574	TGTTCCAGCATACCAAA TGC	AGCAAAATCCGAGGAG GAAT	59.55	557	INTERGENIC			
CaPOPI_II_155	Ca2	7172121	TTTGCCAGAAACATAAT GCAA	TCATTCATAACGAGTG ACCCA	59.20	285	INTERGENIC			
CaPOPI_II_1550	scaffold342	370625	TGGGGTCCTTTCTCTTC TCC	TATGCCATTGAGTTGG ACA	60.57	387	INTERGENIC			
CaPOPI_II_1551	scaffold3432	23969	CCTGAATCCGAGACAAG ACG	TCATGGGTTGTATGGAA GCA	60.79	487	INTERGENIC			
CaPOPI_II_1552	scaffold3436	9281	GGCCATGAATTCAACAA CAA	TTGCCAAATACAAAAAG AAATGAA	59.38	570	INTERGENIC			
CaPOPI_II_1553	scaffold3436	9959	TGGAGTTCGGGCTAAGT ACAG	CGTGCTTGCAAAAAAC AAA	59.39	309	INTERGENIC			
CaPOPI_II_1554	scaffold3453	1173	ATATGCCTCTACCGTGC AGC	TCGTGAAAGCAAACAAA GGA	60.27	507	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1555	scaffold3472	6763	CAAGCATGATCCAGGGA GAT	CTCGGCGAGTTTGTGT GTAA	60.03	471	INTERGENIC			
CaPOPI_II_1556	scaffold3472	7148	CAGGCTAGCTAAATGCC TCG	ACCATGGTTGTTGCAAG TGA	60.13	720	INTERGENIC			
CaPOPI_II_1557	scaffold3472	9063	GCTCCATGTGCTTCACA CAC	GTGACACGTGACAATCC CAC	60.33	107	INTERGENIC			
CaPOPI_II_1558	scaffold3472	9396	TTTTGACAGAGAAACCC GCT	CTGTGAGAGGCGAAGA TGGT	59.85	223	INTERGENIC			
CaPOPI_II_1559	scaffold3472	71251	GAAAGCGCTTCCGTTTA CAG	GACATTTAACAGCGCCC ATT	60.02	159	INTERGENIC			
CaPOPI_II_156	Ca2	7172172	TTTGCCAGAAACATAAT GCAA	TTTTGAAAAATGAAGG ACCA	59.20	774	INTERGENIC			
CaPOPI_II_1560	scaffold3475	6139	GGCCTGGAGACCCTTAT AGC	ACCACTCGACGAAAATG GAC	60.06	616	INTERGENIC			
CaPOPI_II_1561	scaffold3475	31282	GCTATTTTCGTACCACC CGA	GCCCCAAAAGTCCAGAT GAA	59.96	326	INTERGENIC			
CaPOPI_II_1562	scaffold3489	2052	TCGTTCTGTTGGACCCT TTC	AGTGGAAAATATGCCGT TGC	60.09	521	INTERGENIC			
CaPOPI_II_1563	scaffold349	335267	TTGGTCAATGTGGCTTC TCA	CTGAGCTTGTGACCAAA TCG	60.24	531	INTERGENIC			
CaPOPI_II_1564	scaffold350	165550	CAATTCCATGGCTCCAA AGT	CAATGCCTCCCCATAAC AAT	59.93	670	INTERGENIC			
CaPOPI_II_1565	scaffold3500	6141	GCGTTCGATTCCACATC TTT	TCATTATGCGTGTTCCG CTA	60.08	434	INTERGENIC			
CaPOPI_II_1566	scaffold3514	40711	TGACCAAATCGGAATTG ATTTT	CATTTCCGAATCTTCCC GTA	60.53	723	INTERGENIC			
CaPOPI_II_1567	scaffold352	178010	AACGCATCTTTTACCC ACG	GGCCTGAATCTCATCCA AGA	60.00	568	INTERGENIC			
CaPOPI_II_1568	scaffold352	178511	TCGCAATGCAACATCTC TTT	GCTTGTGAGTGTGTGT GCCT	59.43	823	INTERGENIC			
CaPOPI_II_1569	scaffold3542	507	GAAGAGTTACGCGGACA AGC	CCGAGCCAAAATCCAAA ATA	60.02	566	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_157	Ca2	7276294	TCCACCACAATCGTTAA GCA	AGCGGAGATTTTACCG GATT	60.11	676	INTERGENIC			
CaPOPI_II_1570	scaffold355	1384	GGGGCGTTACATGTGG TATC	CAGATTCACGAAGGTCA CACA	60.08	314	INTERGENIC			
CaPOPI_II_1571	scaffold3562	1038	AGGGAGGACGAAAATG ACCT	CCAATTGGTGTGTTTGC ATC	59.94	556	INTERGENIC			
CaPOPI_II_1572	scaffold3594	965	CGTTCAAACGAGATCG TCA	TACAATGCCGAGCAAAT CAA	59.84	575	INTERGENIC			
CaPOPI_II_1574	scaffold362	267543	TATCTTGTTCCGACCCA ACC	CTTGAATCCATGCGTC CTT	59.79	698	INTERGENIC			
CaPOPI_II_1575	scaffold3659	2503	GCCATTAATTATGTTAAC GTTTGG	CAGAACATTTAACGTGA GCAAGA	58.84	665	INTERGENIC			
CaPOPI_II_1576	scaffold3663	4120	TTTTATTGTTTTACTACA TAACGACGA	AAGTTTGACTGCATAAC AATGACA	57.67	631	INTERGENIC			
CaPOPI_II_1577	scaffold3663	4430	TGTCATTGTTATGCAGT CAAACCT	TCTTCGTTTTATGGTTT ATTTC	58.75	280	INTERGENIC			
CaPOPI_II_1578	scaffold370	75163	GATTTTCGTACCCCTCG TCA	AGTCGCTCGAAAAGTCC AAA	59.93	533	INTERGENIC			
CaPOPI_II_1579	scaffold3705	4075	CAATAACCCTTCAATGG CTCA	GCTTTGCTTCCCTTTCC TCT	59.95	393	INTERGENIC			
CaPOPI_II_158	Ca2	7617731	CCAAGATCTCGTAGTGC AACA	TGGGTTTAGTCCGTTTT TCTTC	58.94	468	INTERGENIC			
CaPOPI_II_1580	scaffold373	25857	AGCCACGAATTTAAGCT CCA	AGGGACAAAGGCAAG AAAT	59.85	559	INTERGENIC			
CaPOPI_II_1581	scaffold374	13002	CAAATTCAACGAGGTCA CACA	ATTTGGAGCGTTACATT GGG	59.60	184	INTERGENIC			
CaPOPI_II_1582	scaffold374	142006	AATTCCTTCCCACACAA CCA	AGCGGAGATTTTACCG GAAT	60.21	128	INTERGENIC			
CaPOPI_II_1583	scaffold374	154680	GATTTGATGTTGGGACC GTT	TCAAATGCTTCAACTTG TGCTT	59.65	477	INTERGENIC			
CaPOPI_II_1584	scaffold374	158468	CCTATCACAGGTCAGCA CGA	GGTGTGGATGGAATTTG GAG	59.86	531	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1586	scaffold3742	3802	CGATAGACTCAAGTTGG ACCTG	GTGTCTGCTTGTTGCC TGA	58.86	632	INTERGENIC			
CaPOPI_II_1587	scaffold377	75306	TCACGGGTCGACACAAT TTA	AACTGGACGTTGAGAAT GGG	59.96	403	INTERGENIC			
CaPOPI_II_1588	scaffold379	194523	CCGAACCTTACTGGGCC TAA	ACCGTTTTGGTGTTCT TGC	59.22	602	INTERGENIC			
CaPOPI_II_1589	scaffold3794	82476	CAAAGGGACCACACCTC TTT	TTGGCCCTTTAGTGTA TCG	59.04	554	INTERGENIC			
CaPOPI_II_159	Ca2	7657147	TTATGTGGGGATTGG ATG	TTCCACGTCCTTTTCAT TCC	60.38	705	INTERGENIC			
CaPOPI_II_1590	scaffold38	413791	CTTCGCTGCAAAATTC CTC	TTGATGTCGGGTAGTGT CTGA	59.96	755	INTERGENIC			
CaPOPI_II_1591	scaffold38	474073	TGTGTCAGAAGGATCTT GCG	TGAGATTCGCCAGTTAA CCC	59.98	652	INTERGENIC			
CaPOPI_II_1592	scaffold381	6830	TGCAAAAGGGTCACTTG ATTT	CCCCAAACCCTAAACCC TAA	59.60	355	INTERGENIC			
CaPOPI_II_1593	scaffold3837	2371	CTTCTTGGTGGCATGGT TTT	TACCCTGTGGATGGGA ATGT	59.97	591	INTERGENIC			
CaPOPI_II_1594	scaffold3837	5661	GCCTCCGAGTCAATACC AAA	ATTGAGGGTAGGGGAG CAGT	60.07	415	INTERGENIC			
CaPOPI_II_1595	scaffold387	16023	CACACCCCTTGCAACA CTG	TTAAGCTGAGAGCCTTC CCA	60.04	439	INTERGENIC			
CaPOPI_II_1596	scaffold387	22975	CGCAATCTGAACAAATG ACAA	TCCACTAACCACTTGA CCC	59.72	338	INTERGENIC			
CaPOPI_II_1597	scaffold387	23485	GGGTCAAGGTGGTTAG TGGA	TCCTCTGCCTTTCATGT GTG	59.82	496	INTERGENIC			
CaPOPI_II_1598	scaffold387	23589	GGGTCAAGGTGGTTAG TGGA	TCCTCTGCCTTTCATGT GTG	59.82	496	INTERGENIC			
CaPOPI_II_1599	scaffold387	160969	AGCTCCAAATCCAGAGC AAA	GGGATATGATCTTCTAC CCCA	59.96	835	INTERGENIC			
CaPOPI_II_16	Ca1	4742142	GACCGCGTAGATGTGG AACT	GGATGAGACCTCCTACT TGCC	60.14	677	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_160	Ca2	7724864	ACCAGAGACACTGCAGC AAA	AACAAGATTCTCGAATG CTCC	59.62	464	INTERGENIC			
CaPOPI_II_1600	scaffold3918	4292	ATGCCTTCGCTCTCTCC TTT	ACATTGAAACTGCCCAT TCC	60.21	612	INTERGENIC			
CaPOPI_II_1601	scaffold3918	4537	ATGCCTTCGCTCTCTCC TTT	CGAGTGAAGGCATGGG TATT	60.21	914	INTERGENIC			
CaPOPI_II_1602	scaffold3923	3230	TGCTGCAACTTCTACAT CCG	AGAAAGCGTGAAACTC CGA	60.01	695	INTERGENIC			
CaPOPI_II_1603	scaffold3927	1574	GAATCCTGGGCTGAAAT CAA	CGTGGAATCGCGTAG GAAT	60.01	342	INTERGENIC			
CaPOPI_II_1604	scaffold3950	7394	CCAGATGTCGTTTCTCC GAT	TTGTATGACATCTCGCC ACC	60.07	665	INTERGENIC			
CaPOPI_II_1605	scaffold3950	7697	TTTCTCTTTTGGTGGTT GCC	TCCACCAATATGCAAAA GCA	60.09	854	INTERGENIC			
CaPOPI_II_1606	scaffold3950	7767	GGTGGCGAGATGTCATA CAA	TCCACCAATATGCAAAA GCA	59.53	366	INTERGENIC			
CaPOPI_II_1607	scaffold3950	8477	TGCTTTTGCATATTGGT GGA	AAAACATGGCCTTCAAC TGG	60.07	475	INTERGENIC			
CaPOPI_II_1608	scaffold3950	8667	CCAGTTGAAGGCCATGT TTT	TTTTATGGAAGCATGTG GCA	59.97	528	INTERGENIC			
CaPOPI_II_1609	scaffold3950	12638	CAAGAGCCTAAGGATGC TGC	AGCATGAAACGGTGGA GAAT	60.12	919	INTERGENIC			
CaPOPI_II_161	Ca2	7773617	GCTGAGCCCAACAAGC TAA	CCACTGTGGAAGGTAA ATGC	60.52	845	INTERGENIC			
CaPOPI_II_1610	scaffold396	372299	TGTATTTCTGCGCATTC TCG	TTGTTAGTTTGACGAGG GCA	59.98	357	INTERGENIC			
CaPOPI_II_1611	scaffold396	577559	TCCCAACCCAAATAAAC CAA	AAGCTCAACATGCAAAA CCC	60.02	538	INTERGENIC			
CaPOPI_II_1612	scaffold396	577641	TCCCAACCCAAATAAAC CAA	AAGCTCAACATGCAAAA CCC	60.02	538	INTERGENIC			
CaPOPI_II_1613	scaffold397	23446	TGGAGGCGGCTACTAG TGTT	ATTGAATTCGCCATAAA CGG	59.90	411	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1614	scaffold398	33778	TTTGATTTTGGATTGATTATTCG	CATGGCCACTCAAAGCACTA	59.28	494	INTERGENIC			
CaPOPI_II_1615	scaffold398	33851	TTTGATTTTGGATTGATTATTCG	CATGGCCACTCAAAGCACTA	59.28	494	INTERGENIC			
CaPOPI_II_1616	scaffold398	45043	CCCTACGACGTCCGTTAAA	TCGCTCGTTGCACCATACTTA	59.99	554	INTERGENIC			
CaPOPI_II_1617	scaffold398	270743	GTAGTGGTTGAAGTGGCGGT	CTACTCCATCGGGTCTCCAA	60.04	462	INTERGENIC			
CaPOPI_II_1618	scaffold398	379143	TCTGAGGAAGAGGAGGACGA	AGCGTGGCAGATTTGAAGA	60.06	778	INTERGENIC			
CaPOPI_II_1619	scaffold398	459574	TCGGGTTGTAATGGGGTTTA	TTGGTCGTTTGAGCCTTTCT	60.05	477	INTERGENIC			
CaPOPI_II_162	Ca2	7780730	TTGTCTCCACTCTCCAGCCTT	TGTTGTTTGAGTTGGGACACA	59.80	995	INTERGENIC			
CaPOPI_II_1620	scaffold398	466018	TGCATGCAGACAAGAGTCAA	TTGGAAAAGCCACCTACAC	59.11	468	INTERGENIC			
CaPOPI_II_1621	scaffold40	56808	ATTTGCACGGAAAGTCATCC	CCTCCACCTCCTCCTCCTTAC	59.94	810	INTERGENIC			
CaPOPI_II_1622	scaffold4041	994	TCATTCTAATTCCTGCCGTATG	GTCCAAACCCAGCACAACTCT	59.18	494	INTERGENIC			
CaPOPI_II_1623	scaffold4041	15702	AGGAATTGGATCGGGAAGATT	AAGGAAATGAGGAAATGGGA	59.73	626	INTERGENIC			
CaPOPI_II_1624	scaffold4041	15753	AGGAATTGGATCGGGAAGATT	AAGGAAATGAGGAAATGGGA	59.73	626	INTERGENIC			
CaPOPI_II_1625	scaffold4041	15867	GGGTTGGGATATGTTAGCAAAA	GAATGCGAAAGCCACAACTTT	60.08	851	INTERGENIC			
CaPOPI_II_1626	scaffold4041	15956	TCCCATTTTCCTCATTTCTT	GAATGCGAAAGCCACAACTTT	59.76	493	INTERGENIC			
CaPOPI_II_1627	scaffold4041	16171	GGCACGTCCCTATTTTGAAGAA	GAATGCGAAAGCCACAACTTT	59.94	345	INTERGENIC			
CaPOPI_II_1628	scaffold4064	1366	AAAAGCATGCAGTGCAACAC	TCCCGTCTGAAAATTATGGC	59.92	367	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1629	scaffold408	3569	TAATACACGTCCGCTTT CCC	CGAACCTGCTGTCCAAA AAT	59.96	394	INTERGENIC			
CaPOPI_II_163	Ca2	7940136	TCTTGACCGTTAGATTG AACCA	CAAAATGGACAAAATTG GAGC	59.61	714	INTERGENIC			
CaPOPI_II_1630	scaffold408	130988	GTGGTGATATTTGGGAA GCC	TCGTGGTTTTGGTGTG GTA	59.25	662	INTERGENIC			
CaPOPI_II_1631	scaffold408	131029	GTGGTGATATTTGGGAA GCC	TCGTGGTTTTGGTGTG GTA	59.25	662	INTERGENIC			
CaPOPI_II_1632	scaffold4088	5270	ATCAACTTGCAAGGCAG CTT	TACCATTCAATTGGCGA ACA	60.02	454	INTERGENIC			
CaPOPI_II_1633	scaffold41	122306	TCGCTACGGCTCTAGTG GTT	AAGTCCTGTAGCCGAAA GCA	60.04	294	INTERGENIC			
CaPOPI_II_1634	scaffold41	122382	TCGCTACGGCTCTAGTG GTT	AAGTCCTGTAGCCGAAA GCA	60.04	294	INTERGENIC			
CaPOPI_II_1635	scaffold4107	9634	CCTAAACCTAAAACCA AAAACC	TCGTCCAATAAGAACAA AAGTCAA	57.42	127	INTERGENIC			
CaPOPI_II_1636	scaffold4108	8749	CAAAACCGGAACGCTT AAC	TTTTGGGCTTCGAGTTT AGG	59.63	294	INTERGENIC			
CaPOPI_II_1637	scaffold411	298521	CTTGCATGGCAATTATC CAA	TTGGGCTGATGCAATAA ACA	59.52	469	INTERGENIC			
CaPOPI_II_1639	scaffold4155	7060	CGGTTCAACGTAACCGA CTT	TTGGGCAACAATCGATG TAA	60.03	402	INTERGENIC			
CaPOPI_II_164	Ca2	8420270	CCAAGTTTGAAATGCCG ATT	GCTGCATGATCTTATGC TCG	59.94	451	INTERGENIC			
CaPOPI_II_1640	scaffold419	148627	AACAAGCAAGCCATTCA AGC	GGTGAGGATCTGGTGT GGTT	60.40	657	INTERGENIC			
CaPOPI_II_1641	scaffold4192	3668	ATCCAAGTTTGAGGCAA TCG	CGATTTTCGCAGGTCTT GTT	60.07	484	INTERGENIC			
CaPOPI_II_1642	scaffold4197	16348	AATGGCCACGAATCTGA AAG	GTGCGGAAGCCATGAG TAAT	60.07	483	INTERGENIC			
CaPOPI_II_1643	scaffold420	69655	ATGGCGAAGAATTATGG TGC	CATGTACCGCCCATCTC TTT	59.93	265	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1644	scaffold420	265273	CGTGATCGTGTTGGTT GTC	GGGAATGGCAGCAAAT AGAA	60.01	587	INTERGENIC			
CaPOPI_II_1645	scaffold4221	569	ATTGATTTTGAAATCGC CCA	CAGTTTCCTGCCAGCCT TAG	60.27	441	INTERGENIC			
CaPOPI_II_1646	scaffold4221	691	CTAAGGCTGGCAGGAAA CTG	CGCTTCTTTGGTCATGC AA	60.01	443	INTERGENIC			
CaPOPI_II_1647	scaffold4221	7762	TGCCAGAACTGATTTTC TGCT	GAGCGCTGTAAACACC TCC	60.01	540	INTERGENIC			
CaPOPI_II_1648	scaffold4243	1042	GGTACGGAAATTGCCTG AAA	GGTCCTCGATTTTCATCT GGA	59.94	204	INTERGENIC			
CaPOPI_II_1649	scaffold4243	14917	TGCTTGATTGCTTGAGT TCC	GATGAAATCGAGGACTG GGA	59.00	537	INTERGENIC			
CaPOPI_II_165	Ca2	8478800	CCCGTATGAATGAACGG AAC	CTACCCCCACATTTCAA TCG	60.19	519	INTERGENIC			
CaPOPI_II_1650	scaffold4319	1245	CGATTTCCCTCACGACA AAT	TTTTGGACAGCTACAAG TGGTT	59.93	582	INTERGENIC			
CaPOPI_II_1651	scaffold433	86247	GCCCTCAGATGAGAGTC AGG	AGAATTTACGAGCAGCG GAA	59.95	287	INTERGENIC			
CaPOPI_II_1652	scaffold433	146841	TGGTGACAATTTGATGG TTCT	CAGTGCGATGGAGAAAT CAA	57.91	523	INTERGENIC			
CaPOPI_II_1653	scaffold433	157672	GCATTTCAAGATGGGCA GTT	AATGATCGTCTTCGGAT TGG	60.08	714	INTERGENIC			
CaPOPI_II_1655	scaffold4349	1831	AGGTCATTTTCGTCCTC CCT	CAAACACACCTGTTGGA TGC	59.94	182	INTERGENIC			
CaPOPI_II_1656	scaffold436	67143	CAAACACACCTGTTGGA TGC	AGGTCATTTTCGTCCTC CCT	60.01	478	INTERGENIC			
CaPOPI_II_1657	scaffold436	68438	GGCCGGATGAAAATGAA CTA	ATTTTCGTCCTCCAAG GCT	59.90	513	INTERGENIC			
CaPOPI_II_1658	scaffold4366	1890	GGACATGAATAGGGCAA TGG	GGTCATTTTGTCCACG CTT	60.16	532	INTERGENIC			
CaPOPI_II_1659	scaffold437	45718	TCGAAGAGGACCATTCA TCA	AGTGCGCACTCCAATA TCG	59.17	777	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_166	Ca2	8478910	CCCGTATGAATGAACGG AAC	CTACCCCCACATTTCAA TCG	60.19	519	INTERGENIC			
CaPOPI_II_1660	scaffold4374	1159	TAAACCCCAATGACCG AAA	AGGGGTTAGGGGTTAG GGTT	60.16	444	INTERGENIC			
CaPOPI_II_1661	scaffold4377	6572	TCCAGATGAAATCGAGG ACC	AGGCGATTTTCGTACCA CAC	60.01	319	INTERGENIC			
CaPOPI_II_1662	scaffold442	20594	TGGACGCACAAGATTGG TTA	AGGTCATTTTCGTCTC CCT	60.11	370	INTERGENIC			
CaPOPI_II_1663	scaffold446	224556	TTCATCTGGTCTTTTG GGC	CATTGAGTACAACACTA AAACGACG	60.05	771	INTERGENIC			
CaPOPI_II_1664	scaffold446	235656	TCTGACAACTCAATTT GCTCTATG	GTTGTACTTCATAACGA ACACAATACT	59.84	521	INTERGENIC			
CaPOPI_II_1665	scaffold4508	36727	TTGTGTTTGTCACAGGC CAT	TCAGGAACAACAACCTCA ACCC	60.01	371	INTERGENIC			
CaPOPI_II_167	Ca2	9494071	GAACTGCAACAACAACG ACAA	GGTCTCGAAATCCCTGA TGA	59.80	609	INTERGENIC			
CaPOPI_II_1671	scaffold4582	7612	TCCAGATGAAATCGAGG ACC	CGAAATTTGACACGGAA CCT	60.01	258	INTERGENIC			
CaPOPI_II_1672	scaffold46	6079	GGGCCGAGAGTCCCTT ATAG	GGTCTCGATTTTCATCT GGA	60.05	304	INTERGENIC			
CaPOPI_II_1673	scaffold466	12138	ATTCAGTTCCTTGCAG CAT	TCTCCGCATAAGCTTTC GAT	59.70	661	INTERGENIC			
CaPOPI_II_1676	scaffold466	254290	GGATTCCGCGTAAGATT TCA	ACTAGTTTTGGGTTCC GCT	60.04	465	INTERGENIC			
CaPOPI_II_1677	scaffold470	336358	GTCATCCTAGCCATCGT CGT	GTGTCCCAAACTCAAG GGA	60.10	876	INTERGENIC			
CaPOPI_II_1678	scaffold470	365605	AGAAGCAAGCTAGCTCG TGG	ATTGGAGCACATTTCAGG CTT	59.92	815	INTERGENIC			
CaPOPI_II_1679	scaffold470	370786	CATGCCAGTTGCTACAT GCT	GCTTGGACTCAGTGGC TAGG	59.90	949	INTERGENIC			
CaPOPI_II_168	Ca2	9500229	AGAGGTTGGGGGAGAA GAAA	GCAACAACAGCAGAGA CAATG	60.05	213	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1680	scaffold470	372719	ATTTTATGCTGCGACAT CCC	GCAATCCACACTTGG AGT	59.93	265	INTERGENIC			
CaPOPI_II_1681	scaffold470	375954	AGGGAATCGAGGAAA AATG	AGGTGGCAACCTTCTCA TTG	60.26	463	INTERGENIC			
CaPOPI_II_1682	scaffold4711	5708	AGGTCATTTTCGTCTC CCT	TTGGATGCACAAGATTG GTT	59.94	271	INTERGENIC			
CaPOPI_II_1683	scaffold4711	6211	TTTTCGTCTCCCTAGG CTT	AGGAACTTATTGGATGC CCA	60.20	470	INTERGENIC			
CaPOPI_II_1684	scaffold4713	1946	TCATCCAATGACACAA CGC	AGGTCAATTTTCGTCTC CCT	60.53	193	INTERGENIC			
CaPOPI_II_1685	scaffold4733	507	ACAGTGAACGTGCACCC ATA	CTGGTTATGCCGTTTGG AGT	60.03	697	INTERGENIC			
CaPOPI_II_1686	scaffold475	141188	GAGGAGCGACCAGTTG TTTC	GAAACTAATGCGACCG GTGT	59.85	884	INTERGENIC			
CaPOPI_II_1687	scaffold475	174713	AAGGTTGACTGCATAAC GAAGA	CAACACCATTTGACAAC ACCA	58.91	730	INTERGENIC			
CaPOPI_II_1688	scaffold477	11283	TGTCATCTTGTTCCT TGG	TGATGAACTCTGAACT CGTGG	59.69	114	INTERGENIC			
CaPOPI_II_1689	scaffold477	20714	CCCCCTAATGCTCAATT TCA	TGCAACAAGAGGCAAAA CAC	59.89	288	INTERGENIC			
CaPOPI_II_169	Ca2	10779124	CACTTTTCTTATGCACC GCA	GCAGCGAGTAGGAGAA ATGC	59.87	663	INTERGENIC			
CaPOPI_II_1690	scaffold477	28410	GTAGGAGGATCTCAAG GGGC	CCAAAATTAGGAAGCAC CCA	60.04	567	INTERGENIC			
CaPOPI_II_1691	scaffold477	46653	ATGCAACTGTCGTTTTA GCA	TTAGAGCGCCTTCTGAT GGT	57.03	405	INTERGENIC			
CaPOPI_II_1692	scaffold4773	16885	TGCGGCTATTCAACA TGG	GCATATCTGAGGCTGC CAAT	59.54	600	INTERGENIC			
CaPOPI_II_1694	scaffold4784	684	TCCTGGTCCTCGATTTC ATC	GGGCCGAGAGACCTT ATAG	60.01	339	INTERGENIC			
CaPOPI_II_1695	scaffold479	7594	TGTGTTTGTGGCATTGG ATT	AGGGAGGACGAAAATG ACCT	59.82	329	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1696	scaffold479	125417	ACAAACCAATCGATTTC CCA	CGGAGGACGAAAATGA CCTA	60.17	180	INTERGENIC			
CaPOPI_II_1697	scaffold48	15048	TCGGTTCATCATGTTGG AAAT	TCTTTTGATGTGGGTTA GTGAGAA	60.19	677	INTERGENIC			
CaPOPI_II_1698	scaffold480	43150	AACGTACTGCCTATCAC GGG	TGTTTCATCGTATTTGGC GTG	60.02	836	INTERGENIC			
CaPOPI_II_1699	scaffold4804	1921	TTGGATGCACAACATTG GTT	AGGTCATTTTCGTCCTC CCT	59.82	561	INTERGENIC			
CaPOPI_II_170	Ca2	12048675	CAAACATGCTGATGTGG ACC	CCATTGGTAAATGGCTA ACAA	59.97	278	INTERGENIC			
CaPOPI_II_1700	scaffold4804	8867	TGGATGCACCAGATTGG TTA	AGGTCATTTTCGTCCTC CCT	59.92	570	INTERGENIC			
CaPOPI_II_1701	scaffold4822	847	CAGCGGATCCCAGATA TAC	AGGTCATTTTCGTCCTC CCT	59.37	545	INTERGENIC			
CaPOPI_II_1702	scaffold4829	6279	GACCCGCATTTTCCTCA TTA	GGAGAACGTTAAGGCA GCAG	59.90	507	INTERGENIC			
CaPOPI_II_1703	scaffold4829	8205	CAATAGCATGCAGTTGG AGG	GGAGACTCCCATACATT GGC	59.30	500	INTERGENIC			
CaPOPI_II_1704	scaffold4833	740	TGGGAATGTAGTGGATG AACC	TCCCGAACACCTATGCT TTT	59.66	529	INTERGENIC			
CaPOPI_II_1705	scaffold4833	3774	CCAAGCCAGTCAAACAC AAA	GGGCTCGCTATGTACA GCA	59.73	839	INTERGENIC			
CaPOPI_II_1706	scaffold484	136302	ACCGAGGTGCCACTTAT CAC	ATAGTGGTGACTGGATG GGC	60.00	229	INTERGENIC			
CaPOPI_II_1707	scaffold484	656687	TATCACCTATCAGAGCG GGG	TGATTCCGGGGAAGTA CAAC	60.05	472	INTERGENIC			
CaPOPI_II_1708	scaffold4851	3617	CGCGGAACCTGAAACAC TAT	CCGATGCTAAAAATGGC AGT	60.13	616	INTERGENIC			
CaPOPI_II_1709	scaffold487	87751	ACATTGAGGTCAATTTTC GCC	AGCCTAGGGAGGATGC AAAT	59.94	229	INTERGENIC			
CaPOPI_II_171	Ca2	12933106	AGGTTGAAAGAAGCCCC ACT	ATCGGTTGGTTGGTGAA ATG	60.11	834	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1710	scaffold4872	661	TGGGCACATGCTTCTCA GTA	TACTGGAACGACCACACA CAA	60.41	498	INTERGENIC			
CaPOPI_II_1711	scaffold496	121429	TCCTGGTCCTCGATTTC ATC	AATCGCCTGAAAAGACG AGA	60.01	379	INTERGENIC			
CaPOPI_II_1712	scaffold497	69995	TGGTGCTTTTGAAAAA GTG	ATTGGTTTGGTTGCAT TCG	58.79	446	INTERGENIC			
CaPOPI_II_1713	scaffold498	206145	CACCGCCTCTGTTCCAT ATT	GAGATTTAGAACCATCA AATTGTCA	59.96	829	INTERGENIC			
CaPOPI_II_1714	scaffold498	214228	TTTCATGGTCATGTTTT GGC	GAAAGGCCAATGTCCA GAAA	59.38	781	INTERGENIC			
CaPOPI_II_1715	scaffold498	214273	TTTCATGGTCATGTTTT GGC	GAAAGGCCAATGTCCA GAAA	59.38	781	INTERGENIC			
CaPOPI_II_1716	scaffold498	214558	CACACACACGTAAGAAG GCTG	TTGGACAGAATCAAGGC TCC	59.42	544	INTERGENIC			
CaPOPI_II_1717	scaffold4983	27276	AAGGTGGTACGAAAATC CCC	GCACGTGGGAAAATGA GATT	60.05	893	INTERGENIC			
CaPOPI_II_1718	scaffold50	192238	CTGCCCATTAGCCCTTC ATA	CTGAATGCAAGAGAGA GGGG	60.05	291	INTERGENIC			
CaPOPI_II_1719	scaffold501	87430	TGGGTGTGCCTATATAC ACGTAA	TTCTTTGCCACACACCA TGT	59.33	519	INTERGENIC			
CaPOPI_II_172	Ca2	12933573	TCATTGACAAGGAAAGA ACATGA	CGAATTGGTTTTGGGAT TTG	59.60	413	INTERGENIC			
CaPOPI_II_1720	scaffold5030	906	TGGGGATACGTAGGAG CAAG	TGTTGGTCCATTTTGA CGA	60.09	432	INTERGENIC			
CaPOPI_II_1721	scaffold506	18975	TCTCGATACCATCGTGG ACA	TCCCATTTGATTGCTGA ACA	60.07	489	INTERGENIC			
CaPOPI_II_1722	scaffold5094	2305	TGGCACATGAATAGTTC CACA	GCCACCTCATTCAAATA TTGC	59.98	669	INTERGENIC			
CaPOPI_II_1723	scaffold510	85609	TTGTCAAATAAAGTAAC AACAAAACG	TTGCAACAATTGTACCC GAA	58.74	995	INTERGENIC			
CaPOPI_II_1724	scaffold511	193038	TTTCAGGTTATCGACTG GGG	AACAAGAAAGCGCAAGC AAT	59.93	729	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1725	scaffold5120	14840	TATCGTGCCTGTTGAGA ACG	CTAATTAGCGTCGGAGT CGG	59.86	527	INTERGENIC			
CaPOPI_II_1726	scaffold5120	15547	CCGAAGTAATAGTGGG GCAA	GGACCAGGTTCTGCAT CAAT	59.95	214	INTERGENIC			
CaPOPI_II_1727	scaffold515	43016	CAAGAGTCTCCTGGTCC TCG	CTCCCCAAAAGTCCAAA TGA	59.98	912	INTERGENIC			
CaPOPI_II_1728	scaffold5186	8653	GAGTGTGGGGTCGTT GAAT	CCTAGGGAGGCTAAAT GGC	59.83	270	INTERGENIC			
CaPOPI_II_1729	scaffold5211	3755	GTTCTCGAAGCAGAAAA CGG	CTTTGGTCAAGTCTGGC ACA	59.99	702	INTERGENIC			
CaPOPI_II_173	Ca2	12934202	AGAAAGCAAGCAAATCC CAA	TTCCAACACCTCACGAT TCA	59.82	488	INTERGENIC			
CaPOPI_II_1730	scaffold5251	1190	TGGCCACCATTAGCATT ACA	AGCGCAGTGGTGAAAA GAAT	59.95	383	INTERGENIC			
CaPOPI_II_1731	scaffold527	4805	TCGTTGGTGCATTATTT CCA	TTGCAAGAAGGGGTTTT CCA	59.93	437	INTERGENIC			
CaPOPI_II_1732	scaffold528	183983	TGAACTCAAAATTCGAT TTGTCT	TGAAAAACATTGCCTG AACA	57.93	651	INTERGENIC			
CaPOPI_II_1733	scaffold53	137170	GGACTGGTGGCTCAAA GGTA	TCGACCGGGAGTTTTGA TTA	60.11	671	INTERGENIC			
CaPOPI_II_1736	scaffold535	94648	AATGGAGGAGAAGGGA GGAA	TGAAAAGGGTAGGCA ACAC	60.01	563	INTERGENIC			
CaPOPI_II_1737	scaffold5420	685	AAGGAGGATGGAAAT GACC	ATTTTTGTCCTCCTTGG GCT	60.13	613	INTERGENIC			
CaPOPI_II_174	Ca2	12937651	GATTGCTTTCCTCTATG CCG	GTTTTGGCGTTGGTTTC ACT	59.81	353	INTERGENIC			
CaPOPI_II_1741	scaffold545	193109	AATCTCCCCCTGAGTTT TGG	ATCTTTGGACACCGTCG TTC	60.30	643	INTERGENIC			
CaPOPI_II_1742	scaffold547	96984	CACGATGGCTAGTGCTT GAA	CGATCGGTATGAACATT GACC	60.01	276	INTERGENIC			
CaPOPI_II_1743	scaffold547	155914	TCGATCTGTACGAACAT TGACC	CGGAACCCGAAACACTT TTA	60.00	295	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1744	scaffold547	156143	TTCGGTCTATTTTGTG GGG	CGGAACCCGAAACACTT TTA	59.93	219	INTERGENIC			
CaPOPI_II_1746	scaffold549	61007	TGCCAATTCGAAGATCA AAA	CACCCCTTACCTCGACT GAA	59.23	570	INTERGENIC			
CaPOPI_II_1747	scaffold5504	1323	ACCAATCAAGTGCATCC CAT	TAAGCCTAAGGAGGAC GCAA	60.20	175	INTERGENIC			
CaPOPI_II_1748	scaffold553	2669	TTGGTTCACTCCCTGGA TTC	AACATCAGTCAAGCGCA CAA	59.90	484	INTERGENIC			
CaPOPI_II_175	Ca2	12939688	TTTTGGTGTTGAGGGTG TCA	TTAATCAAAGCGGCAAA AGAA	59.98	564	INTERGENIC			
CaPOPI_II_1750	scaffold5551	550	GATACGTTGGAGCATCG ACA	CACGAAACACCCTCTTC CAT	59.68	230	INTERGENIC			
CaPOPI_II_1751	scaffold5598	13569	CGGCATTGGATCATGGT TAG	TTTCGACTGCCTAGCGA TTT	61.25	549	INTERGENIC			
CaPOPI_II_1753	scaffold564	5212	TGGGATGCAAACAATTC TCA	TTGTCAATTTGGGAGTG CAA	60.05	560	INTERGENIC			
CaPOPI_II_1754	scaffold564	8317	CAACATCCAAATTTGT ATAGAGC	CGACATGCATGCCTTAT TTG	58.29	143	INTERGENIC			
CaPOPI_II_1755	scaffold564	26112	GTATCTGAGCCTCTGCC AGC	AATTGGTGTGTCTGCGT CAA	60.13	555	INTERGENIC			
CaPOPI_II_1758	scaffold575	66804	AACCGGATGTTGGGATG TAA	CCCATTCACTCCCACTC TGT	60.05	348	INTERGENIC			
CaPOPI_II_1759	scaffold575	67025	ACAGAGTGGGAGTGAAT GGG	CCTAAGCCTGACCCTAC CCT	59.96	397	INTERGENIC			
CaPOPI_II_176	Ca2	12941200	TGTGCTTCTTCCTGATT TTGG	GGCCAAAGACGGATAT GGTA	60.23	888	INTERGENIC			
CaPOPI_II_1760	scaffold575	67830	GGGTTAGGGTAGGGTC AGGA	AGGCTGGAATCGGTAA GTGA	60.18	357	INTERGENIC			
CaPOPI_II_1761	scaffold575	89948	GGATTGGCCCCAAATAG AAT	CCCTTGTCATTGCTGCT GTA	59.98	722	INTERGENIC			
CaPOPI_II_1762	scaffold575	90216	CCCAAATTGCAATAACC AGG	TACCGTTTCCCACACTC ACA	60.18	637	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1763	scaffold575	91034	TGTGAGTGTGGGAAC GGTA	GGCAATGTGCATAAAC AAAA	60.00	426	INTERGENIC			
CaPOPI_II_1764	scaffold575	98810	TAAGCCAGGGCTTTCTT TCA	CCTCCACTCCAAACCTA CCA	59.95	404	INTERGENIC			
CaPOPI_II_1765	scaffold575	99188	TGGTAGGTTTGGAGTG GAGG	GGCTAAGTCTGAAAGTG GCG	59.96	263	INTERGENIC			
CaPOPI_II_1766	scaffold575	103253	AAACAACGAGTATGGGC GAC	AGCTTGCTTTGAAAGGG ACA	60.00	113	INTERGENIC			
CaPOPI_II_1767	scaffold575	103640	AAACAACGAGTATGGGC GAC	CGCAATTAGCCTCTTTC GTC	60.00	707	INTERGENIC			
CaPOPI_II_1768	scaffold575	103819	TCTTCTCGCTGACTTGG GAT	CGCAATTAGCCTCTTTC GTC	59.95	205	INTERGENIC			
CaPOPI_II_1769	scaffold575	110510	CTTTCTGGTCAAGGCCT CAG	CTAGACCTGCGGAAGA CAGG	59.98	446	INTERGENIC			
CaPOPI_II_177	Ca2	12941800	CATATCCGTCTTTGGCC ATT	CCTTGAACAATTTGGGC AGT	59.78	643	INTERGENIC			
CaPOPI_II_1770	scaffold575	113273	TTCGGCAACATTCGTA TTT	GCCTGACCTATGGCCTA TCA	60.32	283	INTERGENIC			
CaPOPI_II_1771	scaffold575	113710	TGATAGGCCATAGGTCA GGC	GCTAAGTGGTCTTTCCG CTG	60.06	440	INTERGENIC			
CaPOPI_II_1772	scaffold5761	842	GGTCCTCGATTTCATCT GGA	AACGCCTTAAAAGCCCA AAT	60.01	684	INTERGENIC			
CaPOPI_II_1773	scaffold5761	1101	TCCTGGTCCTCGATTTC ATC	AACGCCTTAAAAGCCCA AAT	60.01	362	INTERGENIC			
CaPOPI_II_1774	scaffold5777	16517	TTGCAATTGGCACACAA AAT	TGAGTTGCTTCAAAGTG ATGTG	59.98	742	INTERGENIC			
CaPOPI_II_1775	scaffold578	11617	TTCATTTGATCTTTTCG GGG	CCTCGAGAAAAATGGAC CAA	59.87	513	INTERGENIC			
CaPOPI_II_1776	scaffold5780	2877	GGAATCCGGTTTCTTTC CAT	GACCATTATTACACGG TGG	60.13	765	INTERGENIC			
CaPOPI_II_1777	scaffold5780	5394	CGTGTTCTCCCCGTGTA TTT	ATGTGACACCCTAAACC CCA	59.85	488	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1778	scaffold5780	5464	CGTGTCTCCCCGTGTA TTT	ATGTGACACCCTAAACC CCA	59.85	488	INTERGENIC			
CaPOPI_II_1779	scaffold5780	8742	AAGTTCCGATTAGGCC TTT	GTTTGGGTCAAGGCTAT GGA	60.10	444	INTERGENIC			
CaPOPI_II_178	Ca2	12947970	TGCTTTTATGAGCATT CGGG	CGACTTCAAATCCCTTC GAG	60.10	777	INTERGENIC			
CaPOPI_II_1780	scaffold5780	9297	TCCATAGCCTTGACCCA AAC	CCCACTGCTTGCAATAA TGA	59.93	404	INTERGENIC			
CaPOPI_II_1782	scaffold587	50853	AGGGGAATTTTCGTACC ACC	ATCGAAGACCAGGAGA CCCT	60.05	638	INTERGENIC			
CaPOPI_II_1783	scaffold587	51041	AGGGGAATTTTCGTACC ACC	ATCGAAGACCAGGAGA CCCT	60.05	638	INTERGENIC			
CaPOPI_II_1784	scaffold587	53018	TACACGAAACCCGAAAC ACA	CGAGGACCAGGAGACC ATTA	60.00	749	INTERGENIC			
CaPOPI_II_1785	scaffold587	54888	CAAGACATGCGAAAGTC GAA	TCCAGCTTCTCAAAGC CTA	59.99	484	INTERGENIC			
CaPOPI_II_1786	scaffold587	56115	AACTGCCAAAGAGATGT GGG	TGCAGTTCATCTCATG CTC	60.11	338	INTERGENIC			
CaPOPI_II_1787	scaffold590	3079	AATAAAAGACCAATCG GAAAAA	TGACAACCATTTATATT GCCAC	58.20	393	INTERGENIC			
CaPOPI_II_1788	scaffold590	19258	TCCTAAGAAAGCTACCC CACC	TGGCAAAGCACAGACA CTC	59.60	398	INTERGENIC			
CaPOPI_II_1789	scaffold590	19474	CTATCCATGCATGTGCA ACAC	TGGCAAAGCACAGACA CTC	60.01	175	INTERGENIC			
CaPOPI_II_179	Ca2	12952557	AAAGCATTTTATCCCGA CCA	TTTTTCATCTCACTCTCT CCA	59.41	787	INTERGENIC			
CaPOPI_II_1790	scaffold5916	1178	TGACACCATTCTCTAGG CCC	AGGGAGGACGAAAATG ACCT	60.07	310	INTERGENIC			
CaPOPI_II_1793	scaffold5954	1414	TGGATGCACAAGGTTGG TTA	AGGTCATTTTCGTCCTC CCT	59.96	367	INTERGENIC			
CaPOPI_II_1794	scaffold598	568507	CAGCCACTACATTGGCC TTT	AGGATTCTCCAAGTTGG CCT	60.13	499	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1795	scaffold599	307088	TCTTCCCATTCTGTGCTGG	GGCGTAGCCCAATATTCAA	60.04	120	INTERGENIC			
CaPOPI_II_1796	scaffold599	307530	TCTTCCCATTCTGTGCTGG	TGTGTGCTTCCTATGATGTTCT	60.04	855	INTERGENIC			
CaPOPI_II_1797	scaffold599	307947	AGAACATCATAGGAAGCACACA	CAACATTAAAAGAACGGCGA	57.36	317	INTERGENIC			
CaPOPI_II_1798	scaffold599	312899	CGTTGTCGTCGGTAGGATTT	TTCAAAAGTTATTCGGTGGAAA	59.99	521	INTERGENIC			
CaPOPI_II_1799	scaffold599	322634	TTGATAAACCGCCATGACAA	TTTTGCTTTGCCGTATTTT	59.93	563	INTERGENIC			
CaPOPI_II_180	Ca2	12952944	TGGGAGAGAGTGAGATGAAAAA	ACGGATGTCTAATCCGTGG	58.91	308	INTERGENIC			
CaPOPI_II_1800	scaffold599	323301	AAAAATACGGCAAAGCAAAA	TTGAGGTTGAGAGTCTTTTCCA	57.54	732	INTERGENIC			
CaPOPI_II_1801	scaffold599	329422	CACGTAAAATCGCCTAAATCT	CCGATAGTAAAACGACATCTG	57.57	562	INTERGENIC			
CaPOPI_II_1802	scaffold599	335351	GCCAACCATGTAAATCGCAT	TCAATCATCAATTTTTGTGTGTTTC	60.73	327	INTERGENIC			
CaPOPI_II_1803	scaffold599	347393	CCTCTTTTCTTCGCATTTGCG	AACAACAGCCCCAATGTAGC	59.95	504	INTERGENIC			
CaPOPI_II_1804	scaffold599	366068	AGAGCGCAATCATTTCAGGT	CTTTTGGAAGAAGCCCTCC	59.84	613	INTERGENIC			
CaPOPI_II_1805	scaffold599	371527	CAGCGTTGTTGTTGTGTTTT	TTTCGAATGAACATGGATGA	60.11	531	INTERGENIC			
CaPOPI_II_1807	scaffold599	410067	ATCGATTTCCTAATCGGTTA	TATACCTATAGCCACGGCG	59.23	609	INTERGENIC			
CaPOPI_II_1808	scaffold5992	1551	CGAGGTAAGGGGTGAGATGA	TCCCCGAATCACTAGGTTTG	60.07	544	INTERGENIC			
CaPOPI_II_1809	scaffold5993	18562	TTGATGTACGAAAAGTTTAGCAAG	GGGGGCACCTATTATTCACCTT	59.01	267	INTERGENIC			
CaPOPI_II_181	Ca2	15589036	ATACGCCTCAACAAAATGGC	CTGCTTTGCTTGATTCCGTT	59.97	376	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1810	scaffold5993	18598	TTGATGTACGAAAAGTT TTAGCAAG	GGGGGCACCTATTATC ACTT	59.01	267	INTERGENIC			
CaPOPI_II_1811	scaffold601	49572	GGGGACATTTTCGAGAGT CAA	TCACAAGGGAGGCTCTA TGG	60.05	519	INTERGENIC			
CaPOPI_II_1812	scaffold6113	1438	ACAAGCCTATCGTTTGG CAC	GATGCAACATTGGAGCA TGA	60.14	589	INTERGENIC			
CaPOPI_II_1813	scaffold612	28576	AAAAAGGGAGGGTCACA TGAT	TCACCAATATCTTAACC ACCAAAA	59.68	701	INTERGENIC			
CaPOPI_II_1814	scaffold6125	1553	ATGCGATCCTCTCGGTT CTA	GAGACCGAAGAGTATTG GGAGA	59.80	838	INTERGENIC			
CaPOPI_II_1815	scaffold6154	548	AACCGCTCCAATGGTGT TAG	GAAGATGATGTGCGCTT GAA	59.99	221	INTERGENIC			
CaPOPI_II_1816	scaffold6177	3708	TTTTTGTCATCATCGGA CCA	AAATCCGTTTGGATTG CAG	59.90	613	INTERGENIC			
CaPOPI_II_1817	scaffold6179	967	TGGGTGCACAAGATTGG TTA	AGGTCATTTTCGTCCTC CCT	59.96	468	INTERGENIC			
CaPOPI_II_1818	scaffold62	338714	CCATCGTCAAGTCCGAA AAT	CCAAAACTCGAAACCCA AAA	59.93	565	INTERGENIC			
CaPOPI_II_1819	scaffold622	10235	ATAGGCCTAGGGAGGA CGAA	TTTAGCCAACTTGTGCA TCG	60.05	381	INTERGENIC			
CaPOPI_II_182	Ca2	17061321	TTTGGCTCGGAAGCTTT TTA	AGGAAGAGTGGAGTTG CGAA	59.96	498	INTERGENIC			
CaPOPI_II_1820	scaffold622	30884	TGGGTGCACAAGATTGG TTA	AGGGGTGTTTGAGTCAT TGG	59.96	832	INTERGENIC			
CaPOPI_II_1821	scaffold622	61725	CAAACCCACCTATTGGA TGC	GGTCATTTTCGTCCTCG CTA	60.19	310	INTERGENIC			
CaPOPI_II_1822	scaffold626	172733	GTGAGCAAAATGCTGG GAAT	GTTGTTGAGTTGTTGGG GCT	60.08	393	INTERGENIC			
CaPOPI_II_1823	scaffold626	219233	GGATTTAGGGTTTTGGC CTT	GATGAAATCGAGGACTG GGA	59.31	654	INTERGENIC			
CaPOPI_II_1824	scaffold626	236880	CCCATCCACAAAATAT GCC	GATGAAATCGAGGACCA GGA	60.02	302	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1825	scaffold626	512589	CCCGACAAAACGGACT AAA	ATAACCCGAACCTCAAA CCC	59.97	359	INTERGENIC			
CaPOPI_II_1826	scaffold626	522371	TTTGTCTGAGGGGTACGA AAC	GGTCTCTGATTTTCATCT GGA	59.97	691	INTERGENIC			
CaPOPI_II_1827	scaffold626	524724	AAATCCCCCGAAAATAC CAG	TCCAGATCAAATCGAGG ACC	60.01	670	INTERGENIC			
CaPOPI_II_1828	scaffold63	59319	CGAGGTAAGGGGTGAG ATGA	AGGTTTGTCTGACCCCTC CCT	60.07	481	INTERGENIC			
CaPOPI_II_1829	scaffold637	107635	GCCTTGAGGAATCGGTA TCA	GTGTGAATGCAACCTTC CCT	60.04	313	INTERGENIC			
CaPOPI_II_1830	scaffold6382	1419	AGGTCATTTTCGCCTC CCT	CAAACACGTTTTGGA TGC	59.94	181	INTERGENIC			
CaPOPI_II_1831	scaffold639	11325	TGGTGCAATTACTTTTC TCGG	TTTCGGTTCTTGTTCGCC TTT	60.12	783	INTERGENIC			
CaPOPI_II_1832	scaffold642	60062	TATTTTGGGATCTTGGC TCG	CGTAGCGTGGTAGTGA GCAA	60.03	619	INTERGENIC			
CaPOPI_II_1833	scaffold6429	4894	GGGTGGACGAAAATGA GCTA	TGTGTCTTGGATTTCGC ATT	60.07	537	INTERGENIC			
CaPOPI_II_1835	scaffold6480	530	TAATCGATCATCCAGA CCC	TACAATTGGGCTCCTTC ACC	59.71	900	INTERGENIC			
CaPOPI_II_1836	scaffold6480	672	AGAAACATTTGCACGGT CCT	TACAATTGGGCTCCTTC ACC	59.60	612	INTERGENIC			
CaPOPI_II_1837	scaffold661	474773	CGTAGCGTGGTAGTGA GCAA	GTTTTGGATTTTGGCTT GGA	60.07	668	INTERGENIC			
CaPOPI_II_1838	scaffold6694	1671	CCCACACTACGACCAG TTA	CGTAACTCGAATGAACG GAAA	59.49	671	INTERGENIC			
CaPOPI_II_1839	scaffold670	197970	TGGCCAATGATCCAAGA GAT	CCGACAAAATGGACCA AAA	60.43	823	INTERGENIC			
CaPOPI_II_184	Ca2	18833380	TCGAAAAATCCCTTGAA AAAGA	GGACCTATCAAGTGAGC TTGTG	60.05	551	INTERGENIC			
CaPOPI_II_1840	scaffold6720	536	CGATACTCACCCCTCGT TGT	ATGTGACACCCTAAACC CCA	59.99	338	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1841	scaffold6720	5246	TTTTCGTCTCCCTAGG CTT	CAACTATTGGATGCGCA AGA	60.20	470	INTERGENIC			
CaPOPI_II_1842	scaffold674	248531	ACTTTTATGTGCGTTTG ACTGA	TCCAACTCCCTTCCCTT TTT	57.51	534	INTERGENIC			
CaPOPI_II_1843	scaffold674	401473	TGCATTAGTCGATGTCC CAA	AATCGATTTCGCGTTTG TTC	60.07	134	INTERGENIC			
CaPOPI_II_1844	scaffold675	81863	TATCAGAGTTCTCCCA CCG	AAACATGACGAGGGCAT TTA	60.07	895	INTERGENIC			
CaPOPI_II_1845	scaffold675	82372	TAAATGCCCTCGTCATG TTT	CCCCTTTCCACGGCTAT TAT	58.09	444	INTERGENIC			
CaPOPI_II_1846	scaffold676	84534	TTTTCGATTAGACGAT GGC	GATGAAATCGAGGACCA GGA	60.04	796	INTERGENIC			
CaPOPI_II_1847	scaffold6760	1141	AAATGTGTCCATCTCAG CCC	TCAAAAACCTCAAGGGGC AAT	59.93	545	INTERGENIC			
CaPOPI_II_1848	scaffold678	39763	AGGAGTTTGAGCATCGC ATT	ATCCCACCCCTAAAACC AAG	59.84	470	INTERGENIC			
CaPOPI_II_1849	scaffold678	42464	GCGCACAATAGATGGGT TTA	TTTTCCAACGAGTCCAC CTC	58.65	816	INTERGENIC			
CaPOPI_II_185	Ca2	19219016	CCCGTGAGATCCTCCTA ACA	TGAATCTACGGCTTTCT GGG	60.07	498	INTERGENIC			
CaPOPI_II_1850	scaffold6782	544	ACTCACCCACATCCAA CAT	ATGGTACCGCAAAGAAC GTC	60.10	337	INTERGENIC			
CaPOPI_II_1851	scaffold6782	758	GACGTTCTTTGCGGTAC CAT	TCAAACGCTCACACACA CAA	60.00	292	INTERGENIC			
CaPOPI_II_1852	scaffold6782	1068	GACGTTCTTTGCGGTAC CAT	CAAATGTCAACCACACA TTTTG	60.00	428	INTERGENIC			
CaPOPI_II_1853	scaffold6782	1165	GACGTTCTTTGCGGTAC CAT	TTTAAATTGCTGCTAAG ATTGGT	60.00	469	INTERGENIC			
CaPOPI_II_1854	scaffold6790	1414	TCCTTGACCCCAATTCG TAG	TTTTGGGGTTTAGGGTG TCA	59.93	356	INTERGENIC			
CaPOPI_II_1855	scaffold6790	2258	TTCAAATTGGCCTTGTC CTC	CATAGACCAACGAGGG GAGA	60.05	317	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1857	scaffold682	302365	GCTGCAAAAGTCAACGT CAA	CACCTTGAACCTTTGGA GGA	60.04	177	INTERGENIC			
CaPOPI_II_1858	scaffold682	506392	AGGGAGGTTTGTGTTTG ACG	TTTAATGTGTTGCGGGT GAA	60.01	408	INTERGENIC			
CaPOPI_II_1859	scaffold682	539867	TCGCCATTGTACTTGCT CTG	CCATGCCTCCAATCAAA AGT	60.01	886	INTERGENIC			
CaPOPI_II_186	Ca2	19791685	TAGGCCATTTTCGTCCT CAC	AATCCAATGACACAAAC GCA	60.07	392	INTERGENIC			
CaPOPI_II_1860	scaffold682	540419	ACTTTTGATTGGAGGCA TGG	TAATATGGGGAGAGGG GAGG	59.93	665	INTERGENIC			
CaPOPI_II_1861	scaffold682	540642	ACTTTTGATTGGAGGCA TGG	GAAGCAAAACCAGGGA ATGA	59.93	886	INTERGENIC			
CaPOPI_II_1862	scaffold682	540845	AAGGACTGGTTCACCAG CAG	GAAGCAAAACCAGGGA ATGA	60.30	437	INTERGENIC			
CaPOPI_II_1863	scaffold683	20681	GAAGGATGAAAATGGG GGTT	TTGGAAGGCTGAAATC TGG	60.00	670	INTERGENIC			
CaPOPI_II_1864	scaffold6846	522	TGCATTGGTATATGGGG GTT	CGATCGACAGGAAGAG GAAG	59.90	538	INTERGENIC			
CaPOPI_II_1865	scaffold686	108971	GGGAGAAGGAGGAAGA ATGG	CTTGGGAATGGAGAG CAAG	60.01	564	INTERGENIC			
CaPOPI_II_1866	scaffold686	183469	TGGATTAAATCATTCCC CCA	ATCCCTGTTGATTTGCT TCG	59.95	617	INTERGENIC			
CaPOPI_II_1867	scaffold688	2385	AGGTCATTTCCGTCCTT CCT	GACACGAACACACCTCA TGG	59.94	388	INTERGENIC			
CaPOPI_II_1869	scaffold7	215103	TTGATCCTTGACAGTCAC TCG	TGGCACTCCGATTAACA TGA	59.98	805	INTERGENIC			
CaPOPI_II_187	Ca2	21314611	CAAACCCCTTTCAAGGTG CAT	GCACTGCCCAAGAATT TTA	59.97	443	INTERGENIC			
CaPOPI_II_1870	scaffold702	49940	GTTTTCGAATCAACGAG GGA	TTTGGCTCGAAGGCTTT TTA	60.05	452	INTERGENIC			
CaPOPI_II_1871	scaffold702	99680	CGCTCGATAACCCCAAA ATA	ATTACCGACATTGCAGA GGG	59.92	577	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1872	scaffold702	216004	CTGTTTGGGCGTCGAAT TAT	TATTTTCTCCCCTCGTT GGT	59.96	630	INTERGENIC			
CaPOPI_II_1873	scaffold7081	2451	TTAATGAGGGGCTGAAT TGG	AAGCGTACCTGTGGGA ATTG	59.89	259	INTERGENIC			
CaPOPI_II_1874	scaffold7081	2734	CAATTCCCACAGGTACG CTT	TGGGGGTTAAAGGGAT TAGG	59.99	465	INTERGENIC			
CaPOPI_II_1875	scaffold7107	12825	GGGGACTAAAATTGGG GAGA	TGCAGGCAATCAATGAA AGA	60.12	459	INTERGENIC			
CaPOPI_II_1876	scaffold7107	14640	TAATAGAAGGTCGCATC CCG	TGTGTCAAACGAAATGA TGTG	60.05	368	INTERGENIC			
CaPOPI_II_1877	scaffold7107	16409	GGGGCTAGAACCTCCTA CAA	CCATTTCATGATTCCA CAC	58.27	946	INTERGENIC			
CaPOPI_II_1878	scaffold7107	16449	TCCAATGCTTACAATCC TCTCTC	CCATTTCATGATTCCA CAC	59.74	508	INTERGENIC			
CaPOPI_II_1879	scaffold711	204653	AATGTGAATCCCACCAG GAA	TTTACAGCGCTTGCCT CAA	60.17	796	INTERGENIC			
CaPOPI_II_188	Ca2	23193466	CCACAAATGCTCATCGT GAC	TTTGCAGCCACAAAAGA CAG	60.12	561	INTERGENIC			
CaPOPI_II_1881	scaffold716	189823	AAGCTTTGTGCAAAGGGA AAA	TGTTTTTGATGGGACCA AAT	59.86	113	INTERGENIC			
CaPOPI_II_1882	scaffold719	123762	AGGTCATTTTCGTCCTC CCT	TTCATCCAATGGCACAA AGA	59.94	695	INTERGENIC			
CaPOPI_II_1883	scaffold720	372071	ACCAACATTTTCAGGCTC ACC	TAGAGCGCCAAACCCTA ATG	59.97	486	INTERGENIC			
CaPOPI_II_1884	scaffold7210	7073	TTTTCGTCCTCCCTAGG CTT	TTGGATGCACATGATTG GTT	60.20	364	INTERGENIC			
CaPOPI_II_189	Ca2	23509535	CCCTCTTGAATTTTGT TTCC	CCCACACCCTCGACTAA AGA	59.01	542	INTERGENIC			
CaPOPI_II_1890	scaffold7280	1708	GTTTCGTACCCCTCGAC AAA	TCCAGATGAAATCGAGG ACC	59.97	311	INTERGENIC			
CaPOPI_II_1891	scaffold7293	13170	TGCCTCTGGATTGGTTG AAT	AATCTATCCACCCGGAA ACC	60.46	471	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1892	scaffold7293	15472	TTCATGCCAGCAACTCT TTG	TGCTTTGCTATGCACCA GTC	59.99	626	INTERGENIC			
CaPOPI_II_1893	scaffold7293	20198	TTGCTGCCTTCTCCTGT TTT	ATGATGCACCTTGGGCC TAC	59.99	661	INTERGENIC			
CaPOPI_II_1894	scaffold7299	551	CACCAAACTTAATTTT CCCTTT	TGATTCCTATGCATCGT ATTTTG	59.67	459	INTERGENIC			
CaPOPI_II_1897	scaffold731	322781	ATCCCCGATTCTCTCA AGT	AATTCCTACTGGATGCA CGC	59.90	479	INTERGENIC			
CaPOPI_II_1898	scaffold731	342154	AAATGGAGGAGAAGGA GGGA	ACCCAATTACTGGAGAT GCG	60.01	574	INTERGENIC			
CaPOPI_II_1899	scaffold731	354972	ATAACCTTAGCGATT CCA	CCTCCCGTAAGATCCAA CAA	59.57	308	INTERGENIC			
CaPOPI_II_19	Ca1	6203281	CTCCTTGAGTTTTGAGA CACGA	TCGATTATGCGTAGGGA AGG	59.52	453	INTERGENIC			
CaPOPI_II_190	Ca2	23932608	AAGGCATCCAATCAAAG CAC	CTCAAGATTTTAGCGCC GTC	60.08	460	INTERGENIC			
CaPOPI_II_1901	scaffold731	366076	TCTCGCGGATTTTCATA ACC	CCATCCATTCCGTATT GCT	60.04	100	INTERGENIC			
CaPOPI_II_1906	scaffold7364	2154	TCAATTTGGGTTTAGGG TGC	TGTAGTGGCATGTTTGG CAT	59.80	497	INTERGENIC			
CaPOPI_II_1907	scaffold7377	545	TTTCTTCCCAACCTTCAT CG	GCCGTTGGAACCTTCATC ATT	60.04	816	INTERGENIC			
CaPOPI_II_1908	scaffold738	2137	TGAATATCGCCCGAAAA GTC	TTTCATAGCAGACGAGG GCT	60.04	292	INTERGENIC			
CaPOPI_II_1909	scaffold738	5098	TCGGGTGGTACTTAAAT CGC	ATCTGACGTGGAACCG AAC	59.96	274	INTERGENIC			
CaPOPI_II_191	Ca2	23989802	AATTCGTTGAGCCGGTC TAGT	AGCACGGGGAGTATGA GAAA	60.14	421	INTERGENIC			
CaPOPI_II_1910	scaffold743	14244	TGCTTGATTGCTTGAGT TCC	GTACCCTGATTGCCCTC TCA	59.00	321	INTERGENIC			
CaPOPI_II_1911	scaffold7448	21480	AGGATCTCCCGATTCTC GAT	TTCCGGGTCAGATTTC AAC	60.00	287	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1912	scaffold7477	2293	TTGGTGGATTGAGACC ACA	ACTTCCCTTGCACATT TGG	59.94	652	INTERGENIC			
CaPOPI_II_1913	scaffold7477	6564	CCTGCAGAAAGCAAAAC ACA	ACCTTGGGAAGGAGGA GAAA	60.03	590	INTERGENIC			
CaPOPI_II_1914	scaffold749	1624	CTTGGGAAGTGGAGAG CAAG	GAGGAGGGAGGGATT TGAG	59.98	536	INTERGENIC			
CaPOPI_II_1915	scaffold750	31851	TGAGTTTCTATGCAAGG GCA	TTCATGAAGACACCGGA ACA	59.42	273	INTERGENIC			
CaPOPI_II_1916	scaffold750	38979	CACTGATAACGCGACTA ATTTGA	ACCGCCACAAATGATAA AGC	59.33	748	INTERGENIC			
CaPOPI_II_1917	scaffold750	59023	CGTAGCATCAGCAACCT TCA	TCCCTCTTTGTTTTCC CA	60.01	989	INTERGENIC			
CaPOPI_II_1919	scaffold752	505163	AGCCATTGCAGTCTTCG TCT	TCGTGTCTCAAAACTCA AGGAA	60.02	854	INTERGENIC			
CaPOPI_II_192	Ca2	23990182	TCTCATACTCCCGTGC TTT	ATCCCCTACACCAGATG CAC	59.69	565	INTERGENIC			
CaPOPI_II_1920	scaffold758	13400	CTCGTCCAATCCCTT TTT	CGATTTACGTGAATAT ACGAACAC	60.29	603	INTERGENIC			
CaPOPI_II_1923	scaffold7657	660	AGGGAGGACGAAAATG ACCT	GGTGTGTTTGTGTCGT GGA	59.94	412	INTERGENIC			
CaPOPI_II_1924	scaffold768	560	CCATGAGAGTCGAAATC GGT	TCCACAGATCCACATT CAA	60.07	188	INTERGENIC			
CaPOPI_II_1925	scaffold769	1084	AAATGAACCAATTTAAT GAGCTACC	CCCTCCCAAAACACCT TAT	58.96	479	INTERGENIC			
CaPOPI_II_1926	scaffold769	2786	ACGTACACGTCAGCGTT TTG	CCCAATTCTCAATCCCA CTT	59.83	147	INTERGENIC			
CaPOPI_II_1927	scaffold769	5414	TCACTCGCGTTAATTT GATG	GCGAGTGAATACATGTG CCA	58.83	518	INTERGENIC			
CaPOPI_II_1928	scaffold769	29353	GCACTCTCATTCATCCC ACA	CCACATGTCAATTAACC CTGC	59.64	370	INTERGENIC			
CaPOPI_II_1929	scaffold7697	589	CTAGCCCTCGTCTGTT CAG	AATCCGTATTTTCGCAC CAG	60.01	521	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_193	Ca2	24252139	GATCCTCAAATCGACCT CCA	TGTCACCATGGTCTCC AAA	60.01	465	INTERGENIC			
CaPOPI_II_1930	scaffold772	11892	GGCACACTCCCGTAAAA TTC	TTTTTCGCACACCAATG AGA	59.43	539	INTERGENIC			
CaPOPI_II_1931	scaffold772	213642	ACTTGAGGGCGAAGAAC AAA	TTGGATGACCTACGACT CCC	59.85	573	INTERGENIC			
CaPOPI_II_1932	scaffold775	110824	GCCGAATCGATTTTGTC AGT	GGAGGGTTTTGGTTTG GAAT	60.08	521	INTERGENIC			
CaPOPI_II_1933	scaffold775	446063	TTTGTCAAGATCTGCCA CTG	TGGAAGGATCCGGAAC TATG	59.99	867	INTERGENIC			
CaPOPI_II_1935	scaffold776	224423	TGGGATACGTAGGAGC AAGG	TGTCCGTGAAAAATGAG TCG	60.09	310	INTERGENIC			
CaPOPI_II_1936	scaffold7765	977	AGATGGCTGCAGCTCAA AGT	TTTCCAAGAGGTTTTGG GTC	60.16	464	INTERGENIC			
CaPOPI_II_1937	scaffold787	149556	CGGGATGGTGGCATAAT ATC	AGCAGGGTTTCTCCCAA ACT	60.00	343	INTERGENIC			
CaPOPI_II_1938	scaffold787	334329	CTTCCTCTGTCCACAT CCT	TTCATTCGTGTCTGCTT TGG	60.26	598	INTERGENIC			
CaPOPI_II_1939	scaffold787	460684	TATGGGAAGGAAATGTG GGA	TCACTCGCAACGAGAAG TTG	60.13	601	INTERGENIC			
CaPOPI_II_194	Ca2	24943252	AACCCCTCCAAGAACG ACT	AGGGCCCCACTAATC CTTA	59.97	680	INTERGENIC			
CaPOPI_II_1940	scaffold7890	680	TTTCTCCCCTTTCTTCC GT	GAAGGGACTGCGGCAT AATA	60.05	162	INTERGENIC			
CaPOPI_II_1941	scaffold7891	3768	TCTGGACTTTTCGAGCG ATT	AGTGCATTTTAGTCGGG TGG	59.96	379	INTERGENIC			
CaPOPI_II_1942	scaffold7902	684	GGGTAGCATGGCAAGTT GTT	CGAGTAAAGCGTTTTGA CTAACG	60.00	363	INTERGENIC			
CaPOPI_II_1946	scaffold794	138143	CTGTCAAACCGGGTTCT GTT	TGCTTGCACTGCTTCAT GTT	60.01	378	INTERGENIC			
CaPOPI_II_1947	scaffold796	26479	TCATTTTCGTCCTCCTTT GG	GCCTATTGGATGCACAG GAT	60.04	470	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1948	scaffold797	15287	GGTGATTTTATGATGT GCTAGTTTT	CCCTTTCAATCCCCTT TTT	59.01	689	INTERGENIC			
CaPOPI_II_1949	scaffold798	16927	ATGCAATGCGTATATGC CAA	TAAATCGTGTGACCCG TGA	59.95	233	INTERGENIC			
CaPOPI_II_195	Ca2	28465231	TCATCGCAGGTGTACCA TGT	GGTATCAGAGCCCACC ATGT	59.99	908	INTERGENIC			
CaPOPI_II_1950	scaffold801	260992	TCGTCCGTAAAAGATAC CGC	GGAGGACCAAAATTTGA GCA	60.10	661	INTERGENIC			
CaPOPI_II_1951	scaffold81	91419	TGAGGAGAAACAAATG GGG	ATGGAAGGGTCGTTGA CATT	59.90	458	INTERGENIC			
CaPOPI_II_1952	scaffold811	56559	TTTAACGTGTCGCGTCT TTG	GAATAAAATGCACCGGC ACT	59.91	748	INTERGENIC			
CaPOPI_II_1954	scaffold812	215247	AGAAGGAACAACGAGAA CGC	TGTCCTTCTCATTGGGA ACC	59.48	178	INTERGENIC			
CaPOPI_II_1955	scaffold812	245558	CAAAGTCTTCACACACC GACA	TGTTGACTCCAGTCACC GAG	59.78	736	INTERGENIC			
CaPOPI_II_1956	scaffold812	526031	TCGACTTGTCATCGCT TTG	CACTCCAGTGCTGAGG GAAT	59.99	215	INTERGENIC			
CaPOPI_II_1957	scaffold820	15078	TCATCATGGGCTTACGA CCT	GGCCAAACCCATTAAAA CCT	60.48	343	INTERGENIC			
CaPOPI_II_1958	scaffold824	6128	CACCCAGTTTTGAGGG TAA	CGATTGTGTTTGTCA GGG	59.82	191	INTERGENIC			
CaPOPI_II_1959	scaffold829	10973	TTTATTTGACAACTCGTT TTTGTT	GAGCGAATTGAGAAAC GAGG	57.13	799	INTERGENIC			
CaPOPI_II_196	Ca2	28465620	AGCTCCATTGCAAAAAC ACC	GCAATCCACAGGTAT GCT	60.12	553	INTERGENIC			
CaPOPI_II_1960	scaffold8314	868	TGAATGGTTGCATGGTT ATCA	GTGGGAAGTGGTAGAG TGCG	59.80	415	INTERGENIC			
CaPOPI_II_1961	scaffold8314	1258	AATTTAGCTCATTGCTG CCG	TACCTCCTTTGGAAGCA TGG	60.36	353	INTERGENIC			
CaPOPI_II_1962	scaffold8315	18988	AAAAATTTATATTGCGTC AATTTGG	GTGCTGGCCATAGGAA ATGT	59.60	565	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1963	scaffold8315	20462	AAAAGGATATTCAACTC TCCAAAAA	CGATTTTGCTACACAAA ATTTC	58.72	759	INTERGENIC			
CaPOPI_II_1964	scaffold8412	961	TTTTACATTTCAAAAGC ATGA	TCACATCTTCCTTATGT CCGC	58.33	342	INTERGENIC			
CaPOPI_II_1965	scaffold842	20647	TGATTCCTGTAAACCCC CAA	AACCAAAACACACAAGGA AATATGA	58.82	332	INTERGENIC			
CaPOPI_II_1966	scaffold8442	1501	AACCAAACTGGTGCATC ACA	AGCCTAGGGTGGACGA AAAT	60.01	676	INTERGENIC			
CaPOPI_II_1967	scaffold845	2172	CAACATTTTGGGTGCAT TTG	TGGTTATTTTGCATGTA GCGA	59.83	657	INTERGENIC			
CaPOPI_II_1968	scaffold845	132751	AGTGTGTTTGGGTG GAG	TCGATTTGACATTGCG TGT	59.86	526	INTERGENIC			
CaPOPI_II_1969	scaffold845	170625	ATTGGTGCGCATGATA AGA	AAAAATGAGGTGGGTTA GAAATTA	59.14	777	INTERGENIC			
CaPOPI_II_197	Ca2	29220253	AGGCATGGTGTTGGAG TCAT	CTAGTTCGTAACCCGTG CGT	60.40	253	INTERGENIC			
CaPOPI_II_1970	scaffold845	331956	TTGCTTGGAAGGAAAA TCG	GGGGCCAAATAATGTTG CTA	60.18	802	INTERGENIC			
CaPOPI_II_1971	scaffold8493	9496	CGACCATGATTTAACGA CCA	GTTTCAAGAGGTGGCC TTG	59.40	360	INTERGENIC			
CaPOPI_II_1972	scaffold855	31194	CTCGTACGCTTTTGGTG TGA	GTAGGGGGTAGAAAAC CCCA	59.90	556	INTERGENIC			
CaPOPI_II_1973	scaffold855	31470	AATTGGATACCCCTTT GGC	GTAGGGGGTAGAAAAC CCCA	60.02	384	INTERGENIC			
CaPOPI_II_1974	scaffold8565	6875	TGACCAAAATCCATCCC TTC	TTTACAGCGCTTGTTC AAA	59.73	517	INTERGENIC			
CaPOPI_II_1976	scaffold8646	2745	AGTCTACGACGAAGCGT TCC	TCCATAGGAGGTCGAT GGTC	59.50	532	INTERGENIC			
CaPOPI_II_1977	scaffold866	36277	GAACAACAAGTGGGATG CCT	TGTGAAAAATGAACACC CCA	59.97	360	INTERGENIC			
CaPOPI_II_1978	scaffold866	142956	GGATCCCCAATCGATAA CCT	CTGTTGAGCCTTAGGG CAAG	59.98	450	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1979	scaffold870	39934	AGAGGCAACAAGAACC GAA	GGTGAGCCACCTTCATT TGT	59.85	517	INTERGENIC			
CaPOPI_II_198	Ca2	29240150	CTTAGAGCATCTCCAAC GGC	GAAGCATCGTTCCTTCC TGA	59.98	134	INTERGENIC			
CaPOPI_II_1980	scaffold870	82445	TGGTGGTGCAATTCACA TCT	TTTCACCGTCATGCTTT TTG	59.97	540	INTERGENIC			
CaPOPI_II_1981	scaffold873	18311	TGTTGGGTCCACAAAGA GAG	TGTTGTTCTCCTCTGAC ACAATG	58.70	402	INTERGENIC			
CaPOPI_II_1982	scaffold8734	801	TTGGGCGAAAATGGATA AAG	CCCCGTCTGATAGGT GATA	59.90	802	INTERGENIC			
CaPOPI_II_1983	scaffold8734	1079	CTGTGACACCCTAAATC CCA	GATCTATGAGGACAGG GCCA	58.41	798	INTERGENIC			
CaPOPI_II_1984	scaffold876	622726	TCAGGAACAACAATCCA ATCC	TTACCCCTAAAACCTGGG GTG	59.78	331	INTERGENIC			
CaPOPI_II_1986	scaffold882	70530	CACATCAACAGCAGCCT TGT	TGATGTTGCCTCTGTTT TGC	59.91	385	INTERGENIC			
CaPOPI_II_1987	scaffold882	446893	TGGTTGGTTTTTGTGGT GAA	TCACGGGCAAAACACAAT TTA	59.83	644	INTERGENIC			
CaPOPI_II_1988	scaffold8825	968	AATCGATTGGCATCAAC ACA	CCAGTCAAGCATTCCCA TCT	59.93	475	INTERGENIC			
CaPOPI_II_1989	scaffold8836	981	CAACACAACAAGAACGA GCAA	TCCAAGTAGGTCTGCCC AAT	59.94	288	INTERGENIC			
CaPOPI_II_199	Ca2	29240382	CTTAGAGCATCTCCAAC GGC	CCTTGCACTATCATTTT CGGA	59.98	803	INTERGENIC			
CaPOPI_II_1991	scaffold892	26717	TCAAGCTTCCTCTCCAC ACA	AATTAATATCCACGCAA CGC	59.55	255	INTERGENIC			
CaPOPI_II_1992	scaffold892	29801	GAAGCCATGAAAACCTT CCA	ATGCAAAACATTTCCAC CTC	60.05	392	INTERGENIC			
CaPOPI_II_1996	scaffold892	44352	CTGAGTTGCGACGAGA GTTG	TTGGAAGGAGCCCTTAC CTT	59.77	465	INTERGENIC			
CaPOPI_II_1997	scaffold896	47144	AGGGAGGACGAAAATG ACCT	TGTGCATCAAATAGGCG TGT	59.94	259	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1999	scaffold9059	539	TTAGGGCTCATACGATT CGG	GGAAAATTAGCCACGGA TCA	60.05	443	INTERGENIC			
CaPOPI_II_2	Ca1	19168	CAGAACCGAGGAATTAA GCG	AGGCTTGAAGCGTGGT AATG	59.84	637	INTERGENIC			
CaPOPI_II_200	Ca2	29252004	TCAAAGGTGCACTCTTG CTATT	TGGCTTCCGAAAGACT AAA	59.04	502	INTERGENIC			
CaPOPI_II_2000	scaffold913	140774	TTGAGTTATGGCTAATG AAGGTCA	AGCGAGCCGCTCAATTA GTA	60.02	269	INTERGENIC			
CaPOPI_II_2001	scaffold913	282492	TTGGATTTCATACCCAC ACATC	AAAATCCGTTGGAAATT TTGG	59.55	466	INTERGENIC			
CaPOPI_II_2003	scaffold916	4344	TGTTGACGAATGTCCAT GAAA	CCTCCAAAACCCAATA CCA	59.96	181	INTERGENIC			
CaPOPI_II_2004	scaffold916	4805	TGGTAGTTGGGTTTTGG AGG	TTCATGACATGCATCCA TCC	59.82	907	INTERGENIC			
CaPOPI_II_2005	scaffold916	4868	TGGTAGTTGGGTTTTGG AGG	TTCATGACATGCATCCA TCC	59.82	907	INTERGENIC			
CaPOPI_II_2006	scaffold916	5303	TGTCTCTTTACGCCGC AAT	CTAGGCATTGCAACAGG GAT	60.77	738	INTERGENIC			
CaPOPI_II_2007	scaffold916	8185	ACACCAACTATGCACCA CCA	ATAGGCCCCAATTAACC CAC	59.88	376	INTERGENIC			
CaPOPI_II_2008	scaffold916	8308	ACACCAACTATGCACCA CCA	ATAGGCCCCAATTAACC CAC	59.88	376	INTERGENIC			
CaPOPI_II_2009	scaffold916	9278	TCACATAGGGATTGCCA ACA	TCCACCAATTCATC CTT	59.92	769	INTERGENIC			
CaPOPI_II_201	Ca2	29444244	AAATCCGACTGTCTAAC CCG	TTTTCTCTCCAATTTA GTCCAA	59.05	826	INTERGENIC			
CaPOPI_II_2010	scaffold916	9949	AGGATTGAATGTGGTGG GAA	GCAGAAAAATAAGGGC GATG	60.17	354	INTERGENIC			
CaPOPI_II_2011	scaffold916	134889	AAATGTGGTCTCGGTTT TGC	TTGTTTTGTGAGTTTGA ATGATGT	59.98	770	INTERGENIC			
CaPOPI_II_2012	scaffold916	363659	CCACCCTCTACCATGCA ACT	TGTTTTCCATGTGTGCC ACT	59.99	569	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_2013	scaffold918	49291	TAGCGAGGACGAAATG ACC	CGTCCTCCCTGGGTTTA TTC	60.21	820	INTERGENIC			
CaPOPI_II_2014	scaffold919	83832	GTTTGAAGTTGTCCGCG TCT	GACACTTGCGCCCTAT AAA	60.30	479	INTERGENIC			
CaPOPI_II_2015	scaffold92	45246	TGCAATAAAACCATAATA CGAAGA	TGTTTGAAGTGCATAACG AAGA	57.88	438	INTERGENIC			
CaPOPI_II_2016	scaffold924	202228	AGGAAGAGTGGAGTTG CGAA	CAGGTTTGATGCAACCA TTG	59.99	689	INTERGENIC			
CaPOPI_II_2017	scaffold93	141155	TCGATTGGCTTAAACC AGG	AGAATTTACGAGCAGCG GAA	60.07	617	INTERGENIC			
CaPOPI_II_2019	scaffold9303	1186	AAGACCACATCATTTG TCACC	TGTTTGTTCGCGTCTTA ATTTT	59.75	439	INTERGENIC			
CaPOPI_II_202	Ca2	29445927	TGTCTAACCCGTCTAAC CCG	CCCTACCTAGGGGTGG ACAT	59.99	138	INTERGENIC			
CaPOPI_II_2020	scaffold931	100930	TTTGAGCCCCCTTCAAT ATG	GATTCTCCTTGGGGATG GAT	59.89	616	INTERGENIC			
CaPOPI_II_2021	scaffold931	116282	TCAGTTGCAATTCCTT CCC	TAAACCGATTGGGAG TCG	60.05	519	INTERGENIC			
CaPOPI_II_2022	scaffold931	116416	CGACTCCCAAATCGTT TTA	TTGGGCTGATGCAATAA ACA	59.93	260	INTERGENIC			
CaPOPI_II_2023	scaffold931	116537	CGACTCCCAAATCGTT TTA	TTGGGCTGATGCAATAA ACA	59.93	260	INTERGENIC			
CaPOPI_II_2024	scaffold931	117076	TGCCACAACCAATCTTC ATC	AGACAGTGGGTGTTCC AAGC	59.50	391	INTERGENIC			
CaPOPI_II_2025	scaffold931	118275	TGCTCTGACTCATTCAA CCG	CACCAACAATTGGCATC AAG	59.98	725	INTERGENIC			
CaPOPI_II_2026	scaffold931	180349	TCGTCCCATGTAATTG TCA	TGGATACCCAAAACCA TTCA	59.77	281	INTERGENIC			
CaPOPI_II_2027	scaffold931	181299	GTAGAGTGCCAACGACA CCA	TGAACTATTGATTGGAT CGTGC	59.75	665	INTERGENIC			
CaPOPI_II_2028	scaffold931	246666	GGGTGTCACATCACCT TTT	GCGGAAGACTTTATAGT GAAAGGA	59.68	191	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_2029	scaffold933	4208	TCAAACCCAGTGGTCTC CTT	AGTCCGATGAAGGGTC ACAG	59.55	654	INTERGENIC			
CaPOPI_II_203	Ca2	29829940	CTTTTCGTCGGAGTTTG TCC	TCGTCTCTGGTTTCT CGT	59.71	476	INTERGENIC			
CaPOPI_II_2030	scaffold9371	631	GCGGCTGAAAGAGAGA GAGA	AAAGATTTCCGGTACAC ACCA	59.97	687	INTERGENIC			
CaPOPI_II_2031	scaffold939	1093	GTGACGTTGGGGGAGT TAAA	TCGAGCCTTATGGCAAG ATT	59.83	317	INTERGENIC			
CaPOPI_II_2032	scaffold944	672	TTGTAAGTTGAGTTGCG ACGA	TGTGGTCGCAGGTTTGA TGA	59.52	308	INTERGENIC			
CaPOPI_II_2033	scaffold944	2389	GAACGGGAAATATTCAC GTCAT	TCGGACCACACTCCTAA TCC	60.08	495	INTERGENIC			
CaPOPI_II_2034	scaffold944	2557	GGATTAGGAGTGTGGT CCGA	CAACTGGGTACCACTAA GCCA	59.93	450	INTERGENIC			
CaPOPI_II_2035	scaffold944	3122	TGGCTTAGTGGTACCCA GTTG	TGGCGCTTATATTCAAA GCA	60.04	643	INTERGENIC			
CaPOPI_II_2036	scaffold944	3226	TGGCTTAGTGGTACCCA GTTG	TGGCGCTTATATTCAAA GCA	60.04	643	INTERGENIC			
CaPOPI_II_2038	scaffold956	19709	TCCAGATGAAATCGAGG ACC	GGATTAGCCTTTTCGAGT CCC	60.01	381	INTERGENIC			
CaPOPI_II_204	Ca2	30095996	CATTCCCGCTACATTTT GGT	GGAGAGAGGCCAATTTT TCA	59.82	226	INTERGENIC			
CaPOPI_II_2040	scaffold963	17319	CCGGGGATAATGGCTTA AAT	GGGGTATGCATTGTGTTG GAC	60.00	429	INTERGENIC			
CaPOPI_II_2041	scaffold9757	838	TGTTAATCCAACGGCAC AAA	TCCCCTGGCTTATTGTT GTC	59.97	279	INTERGENIC			
CaPOPI_II_2042	scaffold9813	1199	AAAATCGCGCGAAAAGT CTA	TCCTGGTCCTCGATTTC ATC	59.99	772	INTERGENIC			
CaPOPI_II_2043	scaffold982	874	TTGGATGGAGTGCCACA ATA	AACTGGGGTTGAAGAT GAAGA	59.92	164	INTERGENIC			
CaPOPI_II_2044	scaffold983	88220	CACCCACAAGGAGGAA GAAC	CATGGATCAACAGGCT TCA	59.55	517	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_2045	scaffold983	88456	TTTATTGCGCATGTTGTT GCC	CATGGATCAAACAGGCT TCA	59.57	274	INTERGENIC			
CaPOPI_II_2046	scaffold983	255175	TTACCGGATTTACTCAC GGC	ACCCGTCAAATACGACG AAC	59.96	319	INTERGENIC			
CaPOPI_II_2047	scaffold992	40484	TCAATGCCAAAACATGC AAT	TTCCGATGTCCCCTTAA ACA	59.94	513	INTERGENIC			
CaPOPI_II_2048	scaffold992	42301	GGGAGCATGAAATTGAA CAAA	TCTTTGCGTCTGAATT TGG	59.93	708	INTERGENIC			
CaPOPI_II_2049	scaffold999	130386	TGTAAACCTGCTTGAC ACC	CTGCACAACAATCCAC AAC	59.76	160	INTERGENIC			
CaPOPI_II_205	Ca2	30096276	CATCCCCGCTACATTTT GGT	GAACTGCTTGTGTGC CATA	59.82	876	INTERGENIC			
CaPOPI_II_206	Ca2	30341034	TGTCTTATCCTGAACTC AAACTCG	ATTTGGTCAACCACCCA AAA	59.82	537	INTERGENIC			
CaPOPI_II_208	Ca2	30395203	CCCAACAACAACAAAG CCT	AAACCAGCATGACAAAA GCA	60.01	289	INTERGENIC			
CaPOPI_II_209	Ca2	30447611	CTTTGTCTTCTCGGCC TTG	CGTGCTCATCTCCATTG TTG	59.99	891	INTERGENIC			
CaPOPI_II_21	Ca1	6267078	TTTCTTGCACTGGTTTG TGC	TGGGTCCCTCATTGTAC TCC	59.89	560	INTERGENIC			
CaPOPI_II_211	Ca2	30553379	TTTTTATGAGGCGTGGA AGG	CCATGAACACGCCAAAC ATA	60.07	874	INTERGENIC			
CaPOPI_II_214	Ca2	30676782	GCTCCAGCAAAAATAGA AATGG	TCATCAATCAAACACTT ACGCAGA	60.10	504	INTERGENIC			
CaPOPI_II_215	Ca2	30890128	GATGATGTAAATGGGAG CCA	CATTTGTTGAATGTTGC CCA	59.78	697	INTERGENIC			
CaPOPI_II_216	Ca2	31240228	CTGCCCCCACTATTTCT CAA	GAAACACTTGGCATGTT AAGGA	60.07	479	INTERGENIC			
CaPOPI_II_22	Ca1	7215414	AACCCCCAACTACAAGG TCC	CAATTTGACAAGCCCCC TAA	60.09	639	INTERGENIC			
CaPOPI_II_221	Ca2	32209131	GCAAAGATAGACACCAC CCC	AACCATTCCCATGGAAC AAA	59.41	577	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_222	Ca2	32209334	TCCATGGGAATGGTTT GAT	TTGAAGAGGAAGTTT GCA	59.99	342	INTERGENIC			
CaPOPI_II_223	Ca2	32209671	TCCATGGGAATGGTTT GAT	TTTTAGTGTGCACCAAT GTCAA	59.99	899	INTERGENIC			
CaPOPI_II_224	Ca2	32210099	TCAGCTTCAATTATCTC CAACAA	TCGGCGACAAAATCAC ATA	58.89	644	INTERGENIC			
CaPOPI_II_225	Ca2	32213171	CAACATGACAAGGACTT TCCAA	TTACCGGTATCGCAAGG AAC	60.01	529	INTERGENIC			
CaPOPI_II_226	Ca2	32213424	AGGGATAGATAACGGCA CGA	AAGGCCCTGCTAGAATG ATG	59.55	504	INTERGENIC			
CaPOPI_II_227	Ca2	32379585	TGTGCGAGTTTATTGCG GTA	CATTTGGTTCAAATGT CATGG	60.27	624	INTERGENIC			
CaPOPI_II_228	Ca2	32393117	TGCCCATCCTTATGCTC TTC	ATCACGTGCAACCACAA GTC	60.18	626	INTERGENIC			
CaPOPI_II_229	Ca2	32393187	TGCCCATCCTTATGCTC TTC	ATCACGTGCAACCACAA GTC	60.18	626	INTERGENIC			
CaPOPI_II_23	Ca1	9871519	CTTAGTCCACGTGCAAA CGA	AAAGTGGGGCCAATAT CTA	59.90	600	INTERGENIC			
CaPOPI_II_230	Ca2	32393441	TCGCACTTTTTCGTGTA GGA	GGGCTTGTTGACGCAT TAT	59.46	588	INTERGENIC			
CaPOPI_II_231	Ca2	32393633	GACTTGTGGTTGCACGT GAT	GGGCTTGTTGACGCAT TAT	59.60	445	INTERGENIC			
CaPOPI_II_232	Ca2	33257195	ATCGCATTTTGCCTTG TTT	GCTGTCGTTTGACGCAT AAA	59.59	801	INTERGENIC			
CaPOPI_II_233	Ca2	33405227	AAAGAGACATGACTTTG TCCATCA	TTTCGCTACCCATCATA CCC	60.04	586	INTERGENIC			
CaPOPI_II_234	Ca2	33984310	TGGCTATGATCACAAAT GGC	CCCTTTGCAAGAGACTC CAA	59.50	869	INTERGENIC			
CaPOPI_II_235	Ca2	34028835	AAAGGGGTTTTGGCTAT GCT	CATGATCATAATTGCAT GGAAAA	59.97	229	INTERGENIC			
CaPOPI_II_236	Ca2	34353805	AGTTGAAGGAGTGCATG AGGA	TAGGAGGCATATGTGA GGGG	59.86	633	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_237	Ca2	34355206	TCTTTGATGCAATGCCA GAG	ATCATTGAGGTGCCAT CAT	59.95	975	INTERGENIC			
CaPOPI_II_238	Ca2	34355457	ATTCTTGGGCTGTGTTT TGG	GGGTGATGAGGACTGG TTGT	59.97	725	INTERGENIC			
CaPOPI_II_239	Ca2	34683764	GTTTTTCGCAACCACCT TTC	CGCTTTTGCCTAACC TCC	59.59	682	INTERGENIC			
CaPOPI_II_24	Ca1	10057638	TGATGGGAGCAATGAAT GAA	TCAAAATCCGACTTGAG GGA	60.01	542	INTERGENIC			
CaPOPI_II_240	Ca2	34684386	ACAATACTGCGGCCTGT TTC	GATTCCGATCGTTTTTC ACG	60.14	830	INTERGENIC			
CaPOPI_II_241	Ca2	34684923	TCGTGAAAAACGATCGG AAT	TGCTTGATTTTAATGGA TGCC	60.45	550	INTERGENIC			
CaPOPI_II_242	Ca2	34983521	CAAATGCATGCTCCCT AAT	CTAAAGGCCAAAGCTG CAC	59.92	450	INTERGENIC			
CaPOPI_II_243	Ca2	35258590	AAAAAGTTTTAACACGG AGGTTTTT	TGTTGTTGGATTGGACA TGG	59.78	487	INTERGENIC			
CaPOPI_II_244	Ca2	35288109	TGCTTTATAGTGCTATTA TGTGCCA	CGTCATTAAGGGGAA CCAA	60.08	757	INTERGENIC			
CaPOPI_II_245	Ca2	35303488	TTCCGAATAAGGATTC TTGG	ATGGTTTGGGAAAAGA ACC	58.19	137	INTERGENIC			
CaPOPI_II_246	Ca2	35304698	GCTTGGAACAGCCTCA GAC	CAGGGTGGTACTGCA TGTG	60.00	536	INTERGENIC			
CaPOPI_II_247	Ca2	35329169	CAATTTTGAAGACGAT TTTGA	TGTCCCGAAAAGTTCA TCC	59.10	330	INTERGENIC			
CaPOPI_II_249	Ca2	36146623	AAACAGCAACAAAAATC CCAA	TTTGAAATCAAGAGGT GGG	59.48	201	INTERGENIC			
CaPOPI_II_25	Ca1	12420239	AAATGCAATCTTGGTTT CCA	TTTTGGTAATGTGCCA TGATA	58.07	595	INTERGENIC			
CaPOPI_II_250	Ca3	454494	GGATTGGAGTGTTGAGC CAT	TTGTCATTAGTTTCAAT CTCACCA	59.93	460	INTERGENIC			
CaPOPI_II_251	Ca3	454633	GGATTGGAGTGTTGAGC CAT	TTGTCATTAGTTTCAAT CTCACCA	59.93	460	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_252	Ca3	939073	ATTGGTTCTGCTCTGGG TTG	GGGACCACAGCACCTA TGT	60.11	296	INTERGENIC			
CaPOPI_II_253	Ca3	1533357	ACCCAAAAGCTAACTTG CCA	GCATCAACAAAGCAGCA GAA	59.75	533	INTERGENIC			
CaPOPI_II_254	Ca3	1534003	TTCTGCTGCTTTGTTGA TGC	GTGGATGGGTGTTTCC ATC	60.14	774	INTERGENIC			
CaPOPI_II_255	Ca3	2855993	CTTGTTTGAATTGCAT GTG	CGTTTGAAGGTAGG GTGT	59.96	514	INTERGENIC			
CaPOPI_II_256	Ca3	3185857	CGCCTCTCTTTTCTAT GCG	TGTTGCTGTTGTGCCT CTC	60.11	468	INTERGENIC			
CaPOPI_II_257	Ca3	3235341	TGGAGTGAGCTGTGGT GAG	TGGTCACCACTTGGTGT TTG	60.02	840	INTERGENIC			
CaPOPI_II_258	Ca3	3235471	ATAGGCCAAGCAACCA AGA	GACGATGGTGAAGATG ACGA	59.71	663	INTERGENIC			
CaPOPI_II_259	Ca3	3818047	ATGCTCTGCACTTGCA CTA	TTCATCGCTCAAAGTG TTG	59.92	707	INTERGENIC			
CaPOPI_II_26	Ca1	12947634	AACTTTGTGGTCGTTTT GGC	TGCTTATTGTGGCTGCT TTG	60.02	647	INTERGENIC			
CaPOPI_II_260	Ca3	4073796	CTCAACATCCACCATGC AAT	TGCAAAATTCATCAAAT GCATAA	59.37	746	INTERGENIC			
CaPOPI_II_261	Ca3	4689138	CAGCTTGCAATTTGCTT TGA	TTGCTCCTACGTATCTC CCG	60.13	888	INTERGENIC			
CaPOPI_II_262	Ca3	4965548	CGGGGAATGTGATTGAT AGG	GTTGGAGAGATCGGTG GAAA	60.15	948	INTERGENIC			
CaPOPI_II_263	Ca3	4966098	TTTCCACCGATCTCTCC AAC	AAACCCGCTCCTTTCAA AAT	60.05	514	INTERGENIC			
CaPOPI_II_264	Ca3	4975195	CAAAGTTCAATACGCCA GCA	AGGTTTTGGCGTAACTC CCT	59.87	455	INTERGENIC			
CaPOPI_II_265	Ca3	5270478	ACGAAACGAAAGCGAGA AAA	CGACCTCGAAATAATCG GAA	60.00	521	INTERGENIC			
CaPOPI_II_266	Ca3	5286221	CACCCCTCCCAAAACAT CT	TTGTGAGTGCATTTGAT TTTGT	59.76	876	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_267	Ca3	5288032	AGAAGGTCGCATCTCCA AGA	TGGCACTTGTATTCAC CGC	59.95	456	INTERGENIC			
CaPOPI_II_268	Ca3	5347423	TTGCTCCTACGTATCTC CCG	TTGTGACAATTTGATGG TTCTAAA	60.23	563	INTERGENIC			
CaPOPI_II_269	Ca3	5502243	TGCGTTTTTCTGCATTT CTG	ATTCTGCGCGACTATCA ACC	59.99	661	INTERGENIC			
CaPOPI_II_27	Ca1	12956423	TTGTCGGATACCTGCTC AGT	TTGCAAATTCGACAAA CAA	58.32	455	INTERGENIC			
CaPOPI_II_270	Ca3	5520403	CAAATGACGACGACGAT GAC	GAATGATGACAATGCGG TTG	60.12	503	INTERGENIC			
CaPOPI_II_271	Ca3	5689325	TTGGTCAATGTGGCTTC TCA	TGAACTCTGAGCGTGTG ACC	60.24	439	INTERGENIC			
CaPOPI_II_276	Ca3	7959750	TTGGCATAGGTCATGGA AGTT	TTTGCCAAATGTTGCTAG CTG	59.44	848	INTERGENIC			
CaPOPI_II_277	Ca3	8245494	TGCGCCTCTTCTAAAAT CGT	TATCGCAATCAGAGGAA CCC	59.98	670	INTERGENIC			
CaPOPI_II_278	Ca3	8393314	GTTGGTTCCTAGCACC GTA	TATTTTGGATTTTGGCT CGG	59.99	602	INTERGENIC			
CaPOPI_II_279	Ca3	8523296	CACATGACAAAATTGGT GGAA	CGTTAAGGCACATCTCA CTCC	59.28	508	INTERGENIC			
CaPOPI_II_28	Ca1	13007507	CACGGGTCAGATGGTT AGT	CCAAGCATCTTGGTGCA TAA	59.84	322	INTERGENIC			
CaPOPI_II_280	Ca3	8942193	TGGGGAAAAACCTTAC CTT	CACATGATTTCAATTGG CTTTG	59.68	326	INTERGENIC			
CaPOPI_II_281	Ca3	9186815	TCCACAAACACGATAAC ATTGA	TGTAACAAGCATTTGTC GGG	58.94	693	INTERGENIC			
CaPOPI_II_282	Ca3	10159468	TGGGGCAAACAAAGCTA TTC	CTAAGGGCGCTACAACA AGC	60.07	107	INTERGENIC			
CaPOPI_II_284	Ca3	10846962	CCAAATGACGACTTCCC ACT	CAAGACGTCGTCAAAT CCC	59.97	683	INTERGENIC			
CaPOPI_II_285	Ca3	10923237	GCTGATTGAAATCGAGC ACA	TTAAACAAGCACCAAG GGC	59.96	347	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_286	Ca3	12715466	TATCCCCGATTAATGCA GCC	GTCCCCGAATGCAATGTC TCT	59.89	667	INTERGENIC			
CaPOPI_II_287	Ca3	12969818	TTACACCAATCCCCCA AGA	CATGCAAGGTTGGGCT AGAT	60.16	400	INTERGENIC			
CaPOPI_II_288	Ca3	13097036	CCTTCTTTACGGGACCC AAT	TCATCAGTATCGTGGGT GGA	60.18	364	INTERGENIC			
CaPOPI_II_29	Ca1	14995847	CAGCGCTTTTCCCAAAT AAG	CCAAAAAGGGTGGAGA TTGA	59.85	359	INTERGENIC			
CaPOPI_II_290	Ca3	14843003	GAGAAAGAAGATATCGG ATTCTCAA	AAAAATCAACGCAGTGG GAG	59.30	356	INTERGENIC			
CaPOPI_II_291	Ca3	14874833	AGGTCATTTTCGTCCTC CCT	CAAAACACCTGTTGGA TGC	59.94	679	INTERGENIC			
CaPOPI_II_292	Ca3	14880871	TTTCGGTCATTTTCGTC CTC	ACACACCTATCGGATGC ACA	60.05	616	INTERGENIC			
CaPOPI_II_293	Ca3	14902851	CGGTGGGGAGAACTCT GATA	TTCACATGACATCATCC CGT	60.07	474	INTERGENIC			
CaPOPI_II_294	Ca3	14919264	CGATTGTGTTTGTACACA GGG	GAAGCAAATCGATTGGG AAA	60.00	303	INTERGENIC			
CaPOPI_II_295	Ca3	15039270	CAACACGATCATGACAA GCA	GCATTTTGCAATTTGTCA ACG	59.25	677	INTERGENIC			
CaPOPI_II_297	Ca3	15660475	AAGTGAGCTAACGGGG GTTT	TGGACAGAGCAAGTGA GGTG	60.00	140	INTERGENIC			
CaPOPI_II_298	Ca3	16133157	CGTCTCTTGAAGCGATG AAA	CATTGTTGGTCACTAGC AAATCA	59.15	698	INTERGENIC			
CaPOPI_II_299	Ca3	16133384	CGTCTCTTGAAGCGATG AAA	ATAAGCCGTCAATCTGC CAC	59.15	807	INTERGENIC			
CaPOPI_II_3	Ca1	1397435	TGGAACAGCAACGTGG TAG	CAAAGGGTTGGATTTTC CAC	59.76	555	INTERGENIC			
CaPOPI_II_30	Ca1	16629521	AACGTTTGAGGATTCCG TTG	GAAACTCCAGCTCCAAA ACG	59.97	370	INTERGENIC			
CaPOPI_II_300	Ca3	16133499	TTTGCCCCATTATAAAC AAAA	ATAAGCCGTCAATCTGC CAC	57.18	625	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_301	Ca3	16137267	TGGCACATCTAAAAATA GGAGGA	AGAAAGTCGCATCCCAG AGA	59.98	544	INTERGENIC			
CaPOPI_II_302	Ca3	16166714	TCAACCATCTGGGTTGG AAT	CCCCTAGCAAAGGAAAC AAA	60.17	674	INTERGENIC			
CaPOPI_II_303	Ca3	16171083	TACAGCGCTTCATTCCA CAG	CGTGCATGAGCAAAAGA AAA	60.01	468	INTERGENIC			
CaPOPI_II_304	Ca3	16182804	CCGGCATCACCTATCAG AGT	TCCGACCTCCTTGAGA AGA	60.10	583	INTERGENIC			
CaPOPI_II_305	Ca3	16190775	TCGCGGTTCTTGATGAT GTA	AGCTCGACTTATCCTTC GCA	60.22	423	INTERGENIC			
CaPOPI_II_306	Ca3	16195131	TGATAAAAGACTAACGA TGCAAACA	TAAACCATCAATCTGCC ACG	60.07	655	INTERGENIC			
CaPOPI_II_307	Ca3	16195709	ACGTGGCAGATTGATGG TTT	GAACGTACGGAAGAGA AGCG	60.38	754	INTERGENIC			
CaPOPI_II_308	Ca3	16212378	ATGCACTTTGCCACTGT TGT	GAGGGGATGATGCTTC AAAA	59.22	879	INTERGENIC			
CaPOPI_II_309	Ca3	16544552	TGCTCGACATGTTTCTC CTT	CCACACAAACTGACAAC TCCA	58.44	605	INTERGENIC			
CaPOPI_II_31	Ca1	18181716	CGAATACTCATGGTTTT TGATCTG	ACCCAACGTAGCACGTT ACC	59.90	626	INTERGENIC			
CaPOPI_II_310	Ca3	17039245	TTCTAACTTGCTGTCC CATTTT	GGGGTAAAACCAGGAG GAAG	59.22	750	INTERGENIC			
CaPOPI_II_311	Ca3	17491839	TGAATTCATGGCTAAAA AGCCT	GCAAGATGATAATTCG GCAA	60.10	654	INTERGENIC			
CaPOPI_II_312	Ca3	18943181	TGGAGTGTTGATGTCGT TGTC	AAATCGAAGATCGCAAC AGT	59.59	428	INTERGENIC			
CaPOPI_II_313	Ca3	19359038	CGTCCTTTGTTTCATTCC CAC	TGAGGGCCTTTAGAAATC GTG	60.35	670	INTERGENIC			
CaPOPI_II_314	Ca3	19359334	AGGGAAATCAACGACAG AGC	TGAGGGCCTTTAGAAATC GTG	59.29	365	INTERGENIC			
CaPOPI_II_316	Ca3	19373696	GCTGAATGCGTGAAGAA CAA	GGGTAGAAAACACGCG GAAT	60.00	339	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_317	Ca3	19376077	TGACCTTGTGCATTGTT TTGA	GCAAACTCAACCTTGCC AAT	60.14	333	INTERGENIC			
CaPOPI_II_319	Ca3	21097843	GGCATTTTGATTGATT CGC	CAAATTTTGTGTTTCAAA AACCATT	60.41	653	INTERGENIC			
CaPOPI_II_32	Ca1	18300800	AGCAAGAAAATTGAAGG CCA	GGAAGCTTTAAAGGGA GCAAA	59.82	161	INTERGENIC			
CaPOPI_II_320	Ca3	21311568	CACGTACATCGCAATT TTT	CATGTCAATTCAACCCA CGA	59.59	542	INTERGENIC			
CaPOPI_II_322	Ca3	21897869	GAGTTGAGTGTGCCAG GGT	AGCTACCAAGCTGATGG TGAA	60.16	296	INTERGENIC			
CaPOPI_II_324	Ca3	24272959	GCATGTCCGTTACCTCC ACT	GCGATTTATTATTCAGA GTTATTAGCG	60.00	646	INTERGENIC			
CaPOPI_II_326	Ca3	25888907	CAGGTCAATGCCAGACTT TGA	TCTGACCCGACCTGGT CTAC	59.83	578	INTERGENIC			
CaPOPI_II_327	Ca3	25889145	GTAGACCAGGTCGGGT CAGA	TGATATGTCACATTGTC GCAC	60.11	403	INTERGENIC			
CaPOPI_II_33	Ca1	18364053	CCCGTAGCAAGACTTGA AGC	TTGGAGAACTTTTCCG CTG	60.02	627	INTERGENIC			
CaPOPI_II_331	Ca3	26872317	CAATGTGCTCGATTCT CCA	TTACATTCTTCGCTCG TCA	59.80	389	INTERGENIC			
CaPOPI_II_332	Ca3	27854154	TCGATAATGAGTGATTA GGTGGG	ACCTCACCTCGAATGT CAC	60.21	459	INTERGENIC			
CaPOPI_II_333	Ca3	27854804	GGATTGAGAGGGGAGA AAGG	TTTGAAAGCAAGAGCGT CAA	60.01	516	INTERGENIC			
CaPOPI_II_334	Ca3	27856755	CGAAGATGAAGAGGCTT GAAA	CAACAACCTCTGATGCT CGC	59.58	593	INTERGENIC			
CaPOPI_II_335	Ca3	28113252	TCCTTCTCCTCTTCCTT CCA	TGTTTGTGCAATTGAAT TATAGTTATG	58.94	849	INTERGENIC			
CaPOPI_II_336	Ca3	28188438	ACCCATAACGCACTCGT TTC	TCCTCCATTTTCGTTTT CG	60.00	434	INTERGENIC			
CaPOPI_II_337	Ca3	28797825	CATAGTCTGCGAAACCA GCA	GGTGGAATTGATCGGA GAGA	60.01	454	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_34	Ca1	18868658	AATCGATTGATTGAGCC CAG	CGTTTTTCAAAGCGAGG GTA	60.04	707	INTERGENIC			
CaPOPI_II_341	Ca3	30930504	GCATGGACCGTTTAAAA TTG	TTTAGTGGGAAATTCA TTAGAAAA	58.02	818	INTERGENIC			
CaPOPI_II_342	Ca3	31339236	CCAACCCATGTACCGAC ATT	AGAGACCGTTTCATGAG ATTTG	60.50	525	INTERGENIC			
CaPOPI_II_343	Ca3	31519164	TACACGTGGCCTCAAAC AAA	TCAAGCATGGTTCCAAT CAG	60.15	364	INTERGENIC			
CaPOPI_II_344	Ca3	31560705	TGTTCACTGCCAAACTC TGC	GCAGTGCACAACGTATG GTT	60.03	585	INTERGENIC			
CaPOPI_II_345	Ca3	32563568	CGAAAGAAAAAGAAAAC ATCGC	GAGGTGGCTCGGCAT ATAA	60.23	574	INTERGENIC			
CaPOPI_II_346	Ca3	33828272	AGAGGCAAACAAGAACC GAA	TGCATATAAGGAATTGA CGCC	59.85	318	INTERGENIC			
CaPOPI_II_347	Ca3	33954528	GGCTTCAAAGCCAACAT CAT	TCATACAAAAACCAAC GGG	60.08	622	INTERGENIC			
CaPOPI_II_348	Ca3	34474422	AAAAATCAATTTATGCC GTTGT	TTATGCCGGATTGACAC TCTT	57.65	478	INTERGENIC			
CaPOPI_II_349	Ca3	36041204	TTCACACTCTCCAGTTC GGA	AAGTCGACGTTTGTGAA GAGTTC	59.39	699	INTERGENIC			
CaPOPI_II_35	Ca1	19498678	GCCCGAGTTAACAACAA ACG	ATCGATTCCTCAGCAC TGG	60.53	374	INTERGENIC			
CaPOPI_II_350	Ca3	36420971	TGGCATCGTGATTCTA CCA	GGCCATGGTGATTGTAA AGG	60.07	746	INTERGENIC			
CaPOPI_II_351	Ca3	37017817	CAGAAGGCCAGGAGAA GAAA	TGTGCGTGAAGTTTCAT GGT	59.55	707	INTERGENIC			
CaPOPI_II_360	Ca4	3017713	GACAAATTAGTGGGGCA ACC	TTGTATTGTTGGTGAGG CCA	59.29	902	INTERGENIC			
CaPOPI_II_364	Ca4	6907181	TTTGAAATGGCGACTTC CTT	CCAAATGGCAACTTCCA ACT	59.69	569	INTERGENIC			
CaPOPI_II_365	Ca4	7089091	CTTTGCATACCCCTCTC GAC	TTGGGAGGATTGGTTTC AAG	59.69	644	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_366	Ca4	8169626	TATGGCACCTCCAGTTG AAA	TGTTAAATCCTCCAGAC GGC	59.12	858	INTERGENIC			
CaPOPI_II_368	Ca4	8309234	GAATTTAAGAGGAAGGC GATGA	TTCACCCTAATTCGTAG GCG	59.70	450	INTERGENIC			
CaPOPI_II_369	Ca4	8315933	GGACCCGTGATGCTGTT TAT	TCTCGTTGATGTCATT ATGCT	59.82	586	INTERGENIC			
CaPOPI_II_37	Ca1	22131328	GTGTGGACATGCCTAAA ACG	GTTGCAATTGAGGTGCT GAA	59.05	403	INTERGENIC			
CaPOPI_II_370	Ca4	8316304	GCATAATGACATCAACC GAGAG	AAAAGAAATGTTGTTT CTCGTTC	59.60	235	INTERGENIC			
CaPOPI_II_375	Ca4	9066423	GCAACCCGTAGGTGTA GGAA	TGTGCGTTGGTAGTCAA TGTG	59.99	546	INTERGENIC			
CaPOPI_II_376	Ca4	9371255	GGAGCATATGCCTCGTT GTT	TGGAAATCAACTTTTT GGACA	60.10	549	INTERGENIC			
CaPOPI_II_377	Ca4	9630289	CCTCTTCCAAACAAATC TTCG	CCAGCTCATCAAGCCA TTT	58.82	550	INTERGENIC			
CaPOPI_II_378	Ca4	9632653	TGGATTGTCGTGATCTC AAA	CACACCCGTA CTAGCA TTG	57.58	630	INTERGENIC			
CaPOPI_II_379	Ca4	10033685	CTAGTTCGTAACCCGTG CGT	AGGCATGGTGTGGAG TCAT	60.19	248	INTERGENIC			
CaPOPI_II_38	Ca1	22131513	GTGTGGACATGCCTAAA ACG	GTTGCAATTGAGGTGCT GAA	59.05	403	INTERGENIC			
CaPOPI_II_380	Ca4	10173137	CCCGTTATTTTGACGA AACA	TGTGTTGAGTGGTGGC ATTT	59.86	791	INTERGENIC			
CaPOPI_II_381	Ca4	10233239	TGTCGGTTGTTGCTTGA AGA	ATACAATCATTTTCCCG CCA	60.43	403	INTERGENIC			
CaPOPI_II_383	Ca4	13433311	CGAGCAAACACAATGAA TGG	TTGGTTGGTTCATTGGT TGA	60.11	569	INTERGENIC			
CaPOPI_II_384	Ca4	13509527	CCTCTTCACGGTGCTCA TTT	CCTCGTTTTAAGCCCAA TCA	60.26	158	INTERGENIC			
CaPOPI_II_386	Ca4	13908536	CTCCTCCGATGTCTGGA AAA	CGCGGTTGCTTCAATTC TAT	60.19	232	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_387	Ca4	13909254	CATCACGATTGACGAG TTGA	AAAAACATGACTCCAAA CACCA	59.71	636	INTERGENIC			
CaPOPI_II_388	Ca4	14397300	TAAATGCATGCTCCCCT GAT	AACACATCCGGGATCCA TTA	60.44	273	INTERGENIC			
CaPOPI_II_39	Ca1	22886112	TGATTTGGGGTTTTGGG TAA	GGGTGAGTTCTTTGAG GGTG	60.02	531	INTERGENIC			
CaPOPI_II_391	Ca4	14677950	TGTTGGGCAAAATAAAT TGAGA	CAAACCTTACCACCGTC TTG	59.47	424	INTERGENIC			
CaPOPI_II_392	Ca4	15048181	CAAAAGCTGTAACACCC CGT	AATCGATTGATTCAGCC CAG	60.03	528	INTERGENIC			
CaPOPI_II_393	Ca4	16943222	CTCAAGCTCAGTCCCAG TCC	TGCGTTTTGTTTGGTGT AGC	59.99	668	INTERGENIC			
CaPOPI_II_395	Ca4	17196085	CCTCAACCATGGCCTGT ACT	AGTTGCATTGGAGACAA GGG	59.99	118	INTERGENIC			
CaPOPI_II_396	Ca4	17247653	TTTATGTTTGCCCAACT CCC	TTTTTAGGGACGCAATT CAAA	59.80	539	INTERGENIC			
CaPOPI_II_398	Ca4	17313521	GCTAGACAGGTTTGCCT TCG	AAGGCTCCTGCAAGCAT TTA	60.02	966	INTERGENIC			
CaPOPI_II_4	Ca1	1841034	TCAAGGTGTTGATTCGG TAGG	TTTTGCAACCCGGTCTA TTC	59.98	595	INTERGENIC			
CaPOPI_II_40	Ca1	23784964	GTCAACCAATTGACCCC AAC	TGCCAAGAAAACACCAT GAA	60.07	663	INTERGENIC			
CaPOPI_II_401	Ca4	17475440	CGGGCAGTAGCATTAGA TGG	GGATGAATGGGAGGTG GTTA	60.62	210	INTERGENIC			
CaPOPI_II_402	Ca4	17600797	AAGGGTGATGGACGAAA AAC	TTAAATGGTCGCATAGA GCAA	58.89	682	INTERGENIC			
CaPOPI_II_403	Ca4	17600811	AAGGGTGATGGACGAAA AAC	TCCAACAACATCAAATT CATCC	58.89	951	INTERGENIC			
CaPOPI_II_404	Ca4	17942733	CATCGTCAGCACATCAC AAA	CTTAGGAGGTCTTGCCC CTC	59.25	447	INTERGENIC			
CaPOPI_II_406	Ca4	18196212	GTGGTCCAGATTCTCCC AAA	TGTCGCTTCAGCAAAAA GAA	59.90	549	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_407	Ca4	19045820	GGGCTTGCTTGGTTGA ATA	TCAACTGCACGTGTTAA ATGC	60.07	825	INTERGENIC			
CaPOPI_II_408	Ca4	19643688	GGTGCAGTTGTTTGATG CAC	ATGCGATTACATGGTT GGC	60.17	255	INTERGENIC			
CaPOPI_II_409	Ca4	19678061	ATTTTGGCAACGGCTGA TAC	CCACAATCCTCCGTTGT CTT	59.97	492	INTERGENIC			
CaPOPI_II_41	Ca1	23838777	AATGCCCCACCATAATT TCA	TGTACGAGAAGGTCGT GTGC	60.02	593	INTERGENIC			
CaPOPI_II_410	Ca4	20709240	ACTTTGCCCATCAGTTT TGC	TCCGTTGGTGAAAGTTT GAA	60.12	251	INTERGENIC			
CaPOPI_II_411	Ca4	20798832	TAGTGCTTTTGCATGCC TCA	TTTGTCTGGGAAAATG CTC	60.55	316	INTERGENIC			
CaPOPI_II_412	Ca4	21529168	TGGGGGATTGTATTCCA AAA	TATGGAATGGACCTCCT GCT	59.99	499	INTERGENIC			
CaPOPI_II_413	Ca4	21804779	CCGCATCATAAACAGCC TTT	CTAAAGCTGGTGCTTTT GGC	60.10	159	INTERGENIC			
CaPOPI_II_415	Ca4	22441886	TCCAATGGTGAAAATA AACG	TCAATCACAAATTTCAA GGAGG	59.69	848	INTERGENIC			
CaPOPI_II_416	Ca4	22546535	CATTTTGGTTTCAAAGC CGT	CCAGGGGATGAGATCA TAGG	59.98	714	INTERGENIC			
CaPOPI_II_417	Ca4	22867454	GATCTTCATCCCCTGCA GAC	CACCACCACCACAAAAC ACT	59.62	292	INTERGENIC			
CaPOPI_II_418	Ca4	23002623	TTTATGGCGGCTGGTTT TAC	ACGATGCATTTGATTGA TGTT	59.96	546	INTERGENIC			
CaPOPI_II_419	Ca4	24427573	CTGGAAAATCCTCCTCC TCC	TTCGTCTCAACAATCTC CCC	60.01	346	INTERGENIC			
CaPOPI_II_42	Ca1	23966814	AACTGTGGAGGAATCCA TGC	GCTTCAAGTCTTGCTAC GGG	59.93	490	INTERGENIC			
CaPOPI_II_420	Ca4	24478956	CGGTTCTACACAAGTTG CGA	TCGATTATGCGTAGGGA AGG	59.90	746	INTERGENIC			
CaPOPI_II_421	Ca4	24479035	CGGTTCTACACAAGTTG CGA	TCGATTATGCGTAGGGA AGG	59.90	746	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_422	Ca4	24828297	TGGAATTCAGACTGCC TTG	GGGCACGAAGAAGCAC TATC	58.85	716	INTERGENIC			
CaPOPI_II_423	Ca4	25071336	TGAGACTGCTTGGCTAC CCT	ATCTGAATCATCCCAAG CCA	60.01	488	INTERGENIC			
CaPOPI_II_424	Ca4	25352610	GGAAATGGTTCTTTGAA AGCC	AGCCTTACGCATGTATT GCC	59.94	719	INTERGENIC			
CaPOPI_II_426	Ca4	25596032	AGTGATGTGGGCAACAA TGA	TGCATTTTACAGCGCTT TTG	59.97	515	INTERGENIC			
CaPOPI_II_427	Ca4	25822369	TGTTTGAACCCGAGACT TCAC	CGTGGCATTGAAAAAG CAT	60.14	611	INTERGENIC			
CaPOPI_II_428	Ca4	25847698	CATGCTACCAAAGCGAT TGA	ATCGATTCGCGAGTCT TGT	59.83	370	INTERGENIC			
CaPOPI_II_431	Ca4	25967972	TTGTACCCCTTGCAAC CAA	TGGTTGGATACTTGCAA TGG	60.00	180	INTERGENIC			
CaPOPI_II_432	Ca4	25968820	TTCTTCTGCCCAAAAT GCT	CCTCAAGCAGACCTTTG GAG	59.82	412	INTERGENIC			
CaPOPI_II_433	Ca4	25969511	TCCCTTGCCCTCTAGCCA GTA	GCAGATGTTCTCAACAG CCA	59.97	350	INTERGENIC			
CaPOPI_II_434	Ca4	25970159	TGGTTGGGTCTTGGTTT GTT	CACCTGCTATGGATGCA ATG	60.25	709	INTERGENIC			
CaPOPI_II_436	Ca4	25978445	TGCCTCAAAGGCTTCAT CTT	AGCACTCATCCTCGGGT AGA	59.96	435	INTERGENIC			
CaPOPI_II_437	Ca4	25979689	GTCCTCGTCAGGAGGTT GAG	CCACTGTTGCTGGCAG ATAA	59.84	707	INTERGENIC			
CaPOPI_II_438	Ca4	25984442	AGATCCTGTTGACACGG CTT	CGGTTGTTGTTGTGATT TGC	59.73	524	INTERGENIC			
CaPOPI_II_439	Ca4	25987622	TTCAACTGGGGTAAATG CCT	TGTTCTAGTCCAGATCA AAACGA	59.43	323	INTERGENIC			
CaPOPI_II_44	Ca1	26683611	CAATTGTGTAAACGTG CGG	TTGCATTTGGTTTGACT CCA	60.03	538	INTERGENIC			
CaPOPI_II_440	Ca4	25988978	AAGCTGGATGTGGACTT TGC	AGTTCCAATTGGCCTCC TTT	60.26	404	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_441	Ca4	25989281	AAGCTGGATGTGGACTT TGC	AGTTCCAATTGGCCTCC TTT	60.26	404	INTERGENIC			
CaPOPI_II_442	Ca4	25989322	GTACGCGATCTAGTCCC CAA	CCGGGGAGAAAGTTCT AGTG	60.10	168	INTERGENIC			
CaPOPI_II_443	Ca4	25994721	TTAAGATTGAGGGGTGT GGG	CACCACTTCATTGGGA CTT	59.78	516	INTERGENIC			
CaPOPI_II_444	Ca4	25995802	CCCTAAATCAAAGCAGC GTC	TGCACTGTTGTTGTTGC TGA	59.85	470	INTERGENIC			
CaPOPI_II_445	Ca4	26495554	AACGATTATCCTGGTC CCC	CCCGAATACAAACCCAA GTC	60.02	844	INTERGENIC			
CaPOPI_II_446	Ca4	26847495	AGCTTCAAGTCGGATCG AAA	AAAAATCTTGTTGGAAT AATTCAA	59.96	216	INTERGENIC			
CaPOPI_II_447	Ca4	26903304	ACTCGATTGGTCCATGC TTC	ATGTTTTGGACGCACAC AGA	60.08	532	INTERGENIC			
CaPOPI_II_448	Ca4	27017251	CCTTTGCATCTCAGGGA CAT	TGAGACCGGGTTTGAG TACC	60.07	453	INTERGENIC			
CaPOPI_II_45	Ca1	28550132	TGGAAGCACGCTTAAGG ACT	TTTCCCAATCGATTGTC TTC	60.02	664	INTERGENIC			
CaPOPI_II_452	Ca4	27548804	TTCCCCATTCTTAACAC CCA	TTCCGCAACTCCACTCTT CCT	60.16	672	INTERGENIC			
CaPOPI_II_453	Ca4	27928820	AGCGATGCATGTCTCAA GTG	AGCGCTTTGTGACCTCC TTA	60.02	754	INTERGENIC			
CaPOPI_II_454	Ca4	28209971	ATTGATGGAGCGAATCG AAC	AATTCTCTTTTGGTGG GCT	60.04	891	INTERGENIC			
CaPOPI_II_455	Ca4	28254483	GGGGAACCTCCAAGTC ACA	CGTGGAACCAACCTTG TCT	60.09	703	INTERGENIC			
CaPOPI_II_456	Ca4	28346696	ACCACAGGTGAAAGAAA CCG	TTTTCAACTCTATCCGT AGCCC	60.01	340	INTERGENIC			
CaPOPI_II_457	Ca4	28390462	GTCATCAAAAGCCGACG AAT	GGCCCAACAATTTGAAG AGA	60.08	786	INTERGENIC			
CaPOPI_II_458	Ca4	28714992	AGAGCCAACGCTCATAG GAA	TTAAAAATCCCTCCTCG GCT	59.98	531	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_459	Ca4	28793395	CCAAAATTACACCAACG GTTC	TTGTTTCGCATGCTCATT CTC	59.23	275	INTERGENIC			
CaPOPI_II_46	Ca1	28713213	TTCATTTCTCTGATTCCC CG	TCCGCATTATAACCTCT GCC	60.01	425	INTERGENIC			
CaPOPI_II_460	Ca4	29191237	CCAACTTGGTTCCAACA ATCT	GGAGAAAAGTTAGGGG GTGC	58.95	119	INTERGENIC			
CaPOPI_II_461	Ca4	29418531	GGTGGTGTACGGTGGA AGTT	GTCAAGGCAGACCAGA AAGC	59.75	383	INTERGENIC			
CaPOPI_II_462	Ca4	29582409	AGCTGTATTGGCCTCC TTT	GCCGAATAAAACCTCA CAA	60.10	212	INTERGENIC			
CaPOPI_II_463	Ca4	29933754	AGCCACACGATGTTGAT TGA	TGATTAGGGAATCACCC GTT	60.12	845	INTERGENIC			
CaPOPI_II_464	Ca4	30086898	ACGCCGAAAAACATTT CAC	TCCATTGCGACTGCCTT CAA	60.15	630	INTERGENIC			
CaPOPI_II_465	Ca4	30211443	ACATCAAACAACAGCG CAC	CCGCTAAAATTGCCAA TAA	59.77	714	INTERGENIC			
CaPOPI_II_466	Ca4	30351459	TCITTGAAACACATCAC TTTCG	AAAATTTGATCGGTGGT GGA	57.93	314	INTERGENIC			
CaPOPI_II_467	Ca4	30404870	TTAACTGTTGGTGCGCA GTC	CGTCACATTTAACACGC CAT	59.91	798	INTERGENIC			
CaPOPI_II_468	Ca4	30535832	CCATTGAGAATTAGAAA ATCACCA	CCAAATTTCCCAAGGGT TCT	59.40	582	INTERGENIC			
CaPOPI_II_47	Ca1	28906702	TATGGAGAGCAGCGACT CAA	TGTTGGTTGCACAACA TTC	59.70	184	INTERGENIC			
CaPOPI_II_471	Ca4	30928717	CAATGTCCATGTCGACC AAA	TCTGTCGCACCATCTCA GTC	60.37	949	INTERGENIC			
CaPOPI_II_472	Ca4	31172943	TCGCCTAAGGTAAGGG CTTT	TTACACCAATTCCCCCA AGA	60.22	421	INTERGENIC			
CaPOPI_II_473	Ca4	31192815	TTGAAGGAGAAGCCAGA GTCA	TGAGGCATGCAGAAAC GTAG	60.12	238	INTERGENIC			
CaPOPI_II_475	Ca4	31445256	AGATCTATGCATCGGCA ACC	AGGGTACTACAGCTGC CCCT	60.07	338	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_476	Ca4	31611840	CGTTTTCAGCTGAGCAA ATTC	TTGATCCATTGGGATTG TGA	60.01	392	INTERGENIC			
CaPOPI_II_477	Ca4	31611867	CGTTTTCAGCTGAGCAA ATTC	TTGATCCATTGGGATTG TGA	60.01	392	INTERGENIC			
CaPOPI_II_479	Ca4	31806633	ACAAAAGCCTGGATAGC GAA	TCACATATACCCTTAAA ATCGCA	59.85	410	INTERGENIC			
CaPOPI_II_480	Ca4	31859597	GTTGGAGCCCCACTTT ATT	TGCAAGCAGCATCAGA GAAC	60.19	793	INTERGENIC			
CaPOPI_II_481	Ca4	32179682	TTGCATACCTCATACCA TCCC	TTGATGCATTACCTCCC ACA	59.66	731	INTERGENIC			
CaPOPI_II_482	Ca4	32227293	TCTTCACAACCCCTTGA ACC	TTCTTCAAACGAGCCT CTC	59.94	868	INTERGENIC			
CaPOPI_II_483	Ca4	32264980	GCACTTACCCTTCAATT GGG	AGGAGAGGTCCATTCT CAGG	59.43	262	INTERGENIC			
CaPOPI_II_484	Ca4	32335179	AAAGTCCGTTTGTGAAT CCG	TGGGCATTCAAATCAAA CAA	59.97	507	INTERGENIC			
CaPOPI_II_485	Ca4	32531473	TAAAATGGATGCATCGA GCC	ACAAATCAACCAGTGTC GCA	60.94	662	INTERGENIC			
CaPOPI_II_486	Ca4	32562355	AAATGGAGGAGAAGGA GGGA	CGGTGAATCCTTTACGG AGA	60.01	286	INTERGENIC			
CaPOPI_II_487	Ca4	32886390	AATCATCCCATGTTGCC ATT	CGAGATTTACACCAAG GGT	60.02	519	INTERGENIC			
CaPOPI_II_489	Ca4	33346959	TTTTCGGTTTGTCAAA GGC	GGAAAACATTGGGAAAC CCT	60.09	766	INTERGENIC			
CaPOPI_II_490	Ca4	33615467	GGTCCTTGTTGAGTCCA ACG	CTCAAAAACCTGAGCAT GGC	60.55	646	INTERGENIC			
CaPOPI_II_491	Ca4	33633372	ACGAGGAAACATATCGT CCG	ATGTCCACACATTGGGT GTC	59.96	726	INTERGENIC			
CaPOPI_II_492	Ca4	33714267	GAACACGTTGTTAGACC GGC	TGACAAAATGGGGAGAA AGG	60.56	713	INTERGENIC			
CaPOPI_II_493	Ca4	33714529	CGTTGTTAGACCGGCTC TTG	TGGGCTGACATAATCAC CAA	60.82	940	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_494	Ca4	34169705	TCAAAGTGGCTCACAAG TGC	TCGACTCAAGAAGGCAA TGC	60.03	781	INTERGENIC			
CaPOPI_II_495	Ca4	34388181	GTTGGTTCCCTAGCACC GTA	CTGTCAATTGAGTTGCG ACG	59.99	484	INTERGENIC			
CaPOPI_II_496	Ca4	34566424	CCCTGAGACTCACGAAG AGG	AAAATCCAACAATCTCC CCC	59.98	612	INTERGENIC			
CaPOPI_II_497	Ca4	35432013	TGTTCAACATCCACGAA CAA	TGCCATACTCATGTCGG AAA	58.51	669	INTERGENIC			
CaPOPI_II_498	Ca4	35432836	TTTCCGACATGAGTATG GCA	TTTGAAAAGTAACACTG CACG	60.07	785	INTERGENIC			
CaPOPI_II_499	Ca4	35457008	AATTGCAGAAAAATGCG GTC	TTGTACCAGATATTGGC CCG	60.08	776	INTERGENIC			
CaPOPI_II_5	Ca1	1841424	GAATAGACCGGGTTGCA AAA	CCTCTTTCCGGACAACA CAT	59.94	302	INTERGENIC			
CaPOPI_II_50	Ca1	28941503	TGGGGTTTAGGGTGTCA CAT	CTTTTGTAAGGCAGCT CCG	60.09	207	INTERGENIC			
CaPOPI_II_500	Ca4	35822348	GATCAAATCGAGGACCG AAA	CGAACAAAACGATGGGA AGT	60.01	695	INTERGENIC			
CaPOPI_II_501	Ca4	36079126	ATTTTGATGCTCACGGT TCC	CGGAGATGATGGTTCA GGTT	59.94	595	INTERGENIC			
CaPOPI_II_502	Ca4	36336918	ACAACAAGGGTGACCTC CAC	TGCTTGTCTATTCTGCG TCAA	59.86	736	INTERGENIC			
CaPOPI_II_503	Ca4	36337139	TGCAATGTCAATATGAA CCAAA	CCACAACCACTCATCAC GAC	58.94	479	INTERGENIC			
CaPOPI_II_504	Ca4	36972358	ACAACCAACAAAATGCG ACA	AGCCTTGAGCGACCACT TTA	60.01	484	INTERGENIC			
CaPOPI_II_505	Ca4	37443931	CCGCATTTTCTTCATTA GGG	ACGTTAAGGCATGAGTT GGG	59.54	364	INTERGENIC			
CaPOPI_II_507	Ca4	39165742	CGTATACCGCTGCTCAT CAA	TGATGTGATTTGTGCCA TGA	59.86	259	INTERGENIC			
CaPOPI_II_508	Ca4	39689187	ATTACCGACATTGCAGA GGG	CTCCCATCTGCCCTTG ATA	59.96	329	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_509	Ca4	40649020	TGTGATTATCCGGTACC ACAAC	TGTATTCAGGACCTCGC AGA	59.62	207	INTERGENIC			
CaPOPI_II_51	Ca1	28943560	ACTTGGGACAAATCACA TGG	TGATCACCAGCTTTCCA ATG	58.26	252	INTERGENIC			
CaPOPI_II_510	Ca4	40842793	CTGGATTGAGTTGAGGC CAT	TGGACCAACCAAGCAC ATA	60.07	568	INTERGENIC			
CaPOPI_II_511	Ca4	41027713	TGAATCCCAAAATTTGA ACCA	TTTGATCGCAAGGGTTT AGG	60.15	637	INTERGENIC			
CaPOPI_II_513	Ca4	42548370	CGTGCCTTTGTGCTCTC TTT	AGAGGCCCAATATCCTT GCT	60.43	528	INTERGENIC			
CaPOPI_II_514	Ca4	44428431	TGTTGCGGAAATGTTAG TTCA	TTCATCCATGCAATATT CAAAAA	59.22	699	INTERGENIC			
CaPOPI_II_516	Ca4	46001807	TTGCTCCTACGTATCCC CAG	CTCAATCGTGGGTGAC CTTT	60.09	385	INTERGENIC			
CaPOPI_II_517	Ca4	46004838	TGATTTCAATGAGAGGA TTTTGTT	GCTCGATTGATGTTAAG GGC	59.04	425	INTERGENIC			
CaPOPI_II_518	Ca4	46674801	GGATGACTCGAAACGGT GTT	TTACCCAAAACCCCAA TCA	59.97	667	INTERGENIC			
CaPOPI_II_519	Ca4	47238699	TTTTGATCGAATCTGAC CCA	TCGGCCATTTTCTTCA ATC	59.05	659	INTERGENIC			
CaPOPI_II_52	Ca1	28944496	TTGGCACCAGACTTCAT ATTG	AAATGTACTTTGCGGCA CAT	58.64	775	INTERGENIC			
CaPOPI_II_523	Ca4	48577228	AACACATCCGGGATCCA TTA	TGATGACGAAGACGAA GACG	60.01	303	INTERGENIC			
CaPOPI_II_524	Ca5	132937	CCAAAGACACAGCAAAG CAA	CACTCCACCAGTTGCA AAA	60.03	569	INTERGENIC			
CaPOPI_II_525	Ca5	133428	ACCTTTACATGGTGCCA AGC	GCGTTGTGAAAACAGGA CAA	60.00	433	INTERGENIC			
CaPOPI_II_526	Ca5	158794	TGATGCGTCATGGACAT AAA	TTTTAAAAATGTCCATTT ACACCG	58.49	498	INTERGENIC			
CaPOPI_II_529	Ca5	218592	TAGCGTGGTGGTGTTGT GAT	CCTTTCAAGGTCAGCCA CAT	60.03	739	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_53	Ca1	29124803	AGTGGCATTGGGCAAT TAC	ACCAATATACGCGTCT GCC	59.83	350	INTERGENIC			
CaPOPI_II_530	Ca5	236073	TTGAATTGACCGGAGGA ATC	GGGATAGGGAGGGTTG TGTT	59.87	680	INTERGENIC			
CaPOPI_II_536	Ca5	927603	GGTCTTTTGAAAATAAT CTTAACGC	AAGGGGGAAGTTAAGC CAGA	58.78	664	INTERGENIC			
CaPOPI_II_537	Ca5	2323461	GCGCCAGATTTCAAACA CTA	ACCAGCAGACCAAAATG GAC	58.92	262	INTERGENIC			
CaPOPI_II_538	Ca5	2327252	TCGAAATGAAATCGAGG ACC	ACAGACGAGGGCTAGG GATT	60.01	721	INTERGENIC			
CaPOPI_II_539	Ca5	3742109	ATTACGAGCAGCGGAA AGA	TGGTCATGCAGAAACTC AGC	59.98	605	INTERGENIC			
CaPOPI_II_540	Ca5	4064742	TATGTTTGTTCGCGT CCA	AGGATGTACATTCTTG CGG	59.97	375	INTERGENIC			
CaPOPI_II_541	Ca5	4179599	CGGTTTAGGGATTGGGT TTT	TCGATTGAGTCTTTTGC ACTT	60.05	166	INTERGENIC			
CaPOPI_II_542	Ca5	5190851	AGCGCTATGTGACCTT TTG	AATGTGAATCCCACCAG GAA	60.27	555	INTERGENIC			
CaPOPI_II_543	Ca5	5318962	ACGTTGACCAATTCAGC TCC	CACTAGGGACCCTTTG GTGA	60.12	720	INTERGENIC			
CaPOPI_II_544	Ca5	5836817	GTATGAGGAGGATCTTG CGG	TCAAAATGCACCATAAA CCG	59.65	594	INTERGENIC			
CaPOPI_II_545	Ca5	5837067	AAAGAAAACACTCGCG CTG	AGCGTTTTGGGTTTAGG GTT	60.56	825	INTERGENIC			
CaPOPI_II_546	Ca5	6200121	TTCGCAACTCCACTCTT CCT	GATCCATTTCCCCCA ATC	59.99	342	INTERGENIC			
CaPOPI_II_547	Ca5	6369660	GAGGAAACACGGTGAAT GGT	CGCTCACTAGTCGAACG AGA	59.83	486	INTERGENIC			
CaPOPI_II_548	Ca5	6532288	TGTCTTCAACTTCTGCG GTG	TTGCAACGTGCATTGT CCT	60.03	831	INTERGENIC			
CaPOPI_II_549	Ca5	6772456	TGCACAACAAAGCACA ACA	TGTACCATCATAGTGGC GGA	59.92	512	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_550	Ca5	6833700	GCATAAAATCACGATGC CAA	CGATTTTTCGTCTACAT GTGC	59.53	211	INTERGENIC			
CaPOPI_II_551	Ca5	6833833	AAATCACGATGCCAAAG AAAA	AAGAAAGTTGTAAATGT GTTTTATGGA	59.58	616	INTERGENIC			
CaPOPI_II_552	Ca5	6833924	AAATCACGATGCCAAAG AAAA	AAGAAAGTTGTAAATGT GTTTTATGGA	59.58	616	INTERGENIC			
CaPOPI_II_553	Ca5	6834263	GCTTAATCCATAAAACA CATTTACAA	TTCTCATGCGCTTGACT AATG	57.86	526	INTERGENIC			
CaPOPI_II_554	Ca5	6834706	TGCATAAAATCACCATG CCA	TTGTACGTTTCTTTCTA TGATTGTC	60.88	360	INTERGENIC			
CaPOPI_II_555	Ca5	6837967	TCGAGAACTCGTCT CGTG	AATTTGCAGTGTGCGAA AAA	61.57	254	INTERGENIC			
CaPOPI_II_556	Ca5	6872599	CGGCCATCACACAATGA TAA	TCAGGATGTCACCACGA AGA	60.34	454	INTERGENIC			
CaPOPI_II_557	Ca5	6907615	GGTTGTGTTATCCCTCG ACA	AGGGTGCCACATTTACT CCA	58.42	539	INTERGENIC			
CaPOPI_II_558	Ca5	6909501	AATGATGGAGGGAGTG AAGC	AACTGTCCATTGTGAG GGC	59.09	405	INTERGENIC			
CaPOPI_II_559	Ca5	9441399	TGCGATGGAGAAATCAA AGC	CTAGTTTGGCTTGACGG GAA	61.26	865	INTERGENIC			
CaPOPI_II_56	Ca1	29791416	TCCGATAAAATCTCCGT TCG	AAAAACACGTTCCCCTC CTT	60.03	323	INTERGENIC			
CaPOPI_II_560	Ca5	10686981	GCTCCTTCTGCATCAAC ACA	TGCCCCACATTTTAGAC CTC	59.99	509	INTERGENIC			
CaPOPI_II_561	Ca5	10689102	ATGGGCCACCTATTGAG ACA	TGCCAAAGAAAAGGTT TCG	60.34	623	INTERGENIC			
CaPOPI_II_562	Ca5	10689622	CGAAACCTTTTCTTTG GCA	AACGGATTGTCCCTTCA TTG	60.22	418	INTERGENIC			
CaPOPI_II_563	Ca5	10693789	CCAATTTGAATTGTCCG TCC	TTGCAAAAGCTGGGTCA AGT	60.17	406	INTERGENIC			
CaPOPI_II_564	Ca5	11168411	TTCAAACGGAACGTGATG CTTT	TTGGTTGGGGGAGTTAT TGA	59.74	954	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_565	Ca5	11168904	TCAATAACTCCCCAAC CAA	TCACAATTGGGTTTGG TCA	60.16	227	INTERGENIC			
CaPOPI_II_566	Ca5	11169035	TCAATAACTCCCCAAC CAA	TGACGCCGTGAAAAAC TTA	60.16	626	INTERGENIC			
CaPOPI_II_567	Ca5	11729570	CACGGTCCCTAGAGCCA ATA	CGGGAGATACGTAGGA GCAA	60.09	672	INTERGENIC			
CaPOPI_II_568	Ca5	11879108	AAGATTTCTCCCTCCT CCA	CTTTAACATGCGTTTCC GGT	60.01	327	INTERGENIC			
CaPOPI_II_57	Ca1	29842423	TCATCAAAGGCATGCAA ATC	GACCAAAACACAACGCA ATG	59.63	359	INTERGENIC			
CaPOPI_II_570	Ca5	13636401	ATCGACAAACCAACATG CAA	GGGAACTCACTTGCG GTTA	59.97	735	INTERGENIC			
CaPOPI_II_571	Ca5	13636921	TAACCGCAAGTGAGTTT CCC	GCGGTGGCTGAGTTTC TTAC	60.11	387	INTERGENIC			
CaPOPI_II_572	Ca5	14022502	GGAAATGGATGTCTGCC AAT	TTGCAATCTCATCAACT CGG	59.76	318	INTERGENIC			
CaPOPI_II_573	Ca5	14394852	TCITCCACCCAGTTTTC ACC	TTGAGGGCTATGTTTT CGG	59.94	337	INTERGENIC			
CaPOPI_II_574	Ca5	15756736	GCGCGATTACCAAAAA TGT	TTTGAGTGGTGGGTTGT GAA	59.97	431	INTERGENIC			
CaPOPI_II_575	Ca5	16319965	TTGTGTGCAGGATCCAC ATT	TTGACCATTGCACGAAA CAT	59.97	502	INTERGENIC			
CaPOPI_II_577	Ca5	17494887	CTACGCCAAGAACTGC TCC	GTACGCGTCCAGACATA GCA	60.02	245	INTERGENIC			
CaPOPI_II_578	Ca5	17876530	TTTCATCCATCACCGAC AAA	CTCAACGAATGCCTGAA ACA	59.90	573	INTERGENIC			
CaPOPI_II_579	Ca5	18049660	GCACGTTGTAAAGAGTG GACTG	AAAAGGCCCAAGAGT TGA	59.84	694	INTERGENIC			
CaPOPI_II_581	Ca5	18944656	TCCTGTCATGTGCTTTG AGC	CTAACCTCCCAGGACCC AAT	59.99	131	INTERGENIC			
CaPOPI_II_582	Ca5	20547334	AGGAGATGGAGCGTTG TTTG	TTGGTTAGCGTGCATCT GAG	60.26	462	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_583	Ca5	21085449	TTAGGCGACCACTGTAT CCC	TGAGCCACTTTGATCAG CAC	59.96	758	INTERGENIC			
CaPOPI_II_584	Ca5	21623515	AGGTCATTTTCATCCAC CCA	ACACACCTATGGGATGC ACA	60.17	678	INTERGENIC			
CaPOPI_II_585	Ca5	21899576	TGACCTGACCTGGCCTA TTC	CCCAAACAAAGCCTTAT GGA	60.07	519	INTERGENIC			
CaPOPI_II_586	Ca5	21965060	ACGCTCAGAGTTCACGT GGT	GGCAAATCGATTGGACA AGT	59.91	365	INTERGENIC			
CaPOPI_II_587	Ca5	22918526	TTATCGGCCTTATCCAC TGC	TGAAAATCCATGAACCG TGA	60.06	915	INTERGENIC			
CaPOPI_II_590	Ca5	23664574	CAAGAAGGAACGAGGT GCTC	TAGCCTAGAGCAGGGG TGAA	59.99	626	INTERGENIC			
CaPOPI_II_596	Ca5	26996806	TCGTTTTGGGTGAATTG TGA	TGCCTCCTCGTTCCTTT TTA	59.94	410	INTERGENIC			
CaPOPI_II_597	Ca5	27000752	TTGGCACTGAATAGTGC TCG	CGTCCCGAATAGACGAA CAT	60.01	698	INTERGENIC			
CaPOPI_II_598	Ca5	27000834	TTGGCACTGAATAGTGC TCG	CTCAGCGGGTAGAGTA TCGC	60.01	940	INTERGENIC			
CaPOPI_II_599	Ca5	27472549	GCATTATGCCGTCATCA TTTT	TTCGCATTCAAAATTGT TGTT	59.82	491	INTERGENIC			
CaPOPI_II_6	Ca1	1876420	CGGGTCTTCAAATGGA ATG	CAAAGGAAACGTGCTTC CAG	60.30	861	INTERGENIC			
CaPOPI_II_600	Ca5	28413401	TTCTCCTGAAGCTGTC GGT	ATTGCCAACATTCCGG TAG	59.99	252	INTERGENIC			
CaPOPI_II_601	Ca5	28588926	CAACTGCTCCTGTTCTC CAA	CTAGGAGCATGTCGCT CTCC	59.01	412	INTERGENIC			
CaPOPI_II_602	Ca5	29933647	GACCTTTTCAAAGGATG CATT	CGTGATGACAGACCAAC ACC	58.25	713	INTERGENIC			
CaPOPI_II_604	Ca5	30126893	GTGGCTTCCAAAGAGAA ACG	TTCCGTACACAATTTTC CCC	59.85	612	INTERGENIC			
CaPOPI_II_605	Ca5	30128968	TGTTTCTCTCTCCGCTC ACA	CGCCCGACTATACCTGT TTT	59.70	681	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_606	Ca5	30131050	CAAATTCGAGCAACAA TGC	AACACAAATGTTAAATT GCGAAGA	59.31	571	INTERGENIC			
CaPOPI_II_607	Ca5	31621509	ATCCGAGTTTGCGTATG TCC	GGGACGTGGAGATTGT TGAT	59.96	635	INTERGENIC			
CaPOPI_II_608	Ca5	32745764	AGGCATCACATTGAGGG ACT	CCTCGGTGACCCTGAAT AAA	59.54	148	INTERGENIC			
CaPOPI_II_609	Ca5	32912336	ACCCCTCACCTCCTTA TTG	TTTTCTTGCCTCACTTG TTGA	60.18	499	INTERGENIC			
CaPOPI_II_61	Ca1	29853119	TCCACGAGATTTTCCTT TGG	TGTCATCATTCTCTGCT GGC	60.04	357	INTERGENIC			
CaPOPI_II_614	Ca5	35328160	ACCACGTGACCCCTTAA CTT	TGATGAAATTACGTTAT ATTGAGGATG	58.43	204	INTERGENIC			
CaPOPI_II_616	Ca5	36583877	TCACTTTTAGGATCCGT TTGA	CACAATGGACCATGCAC TTC	57.35	809	INTERGENIC			
CaPOPI_II_618	Ca5	38034841	TCGTCCGATTTATACCG ACA	CGACGAGGTATATGCCA ACA	58.99	856	INTERGENIC			
CaPOPI_II_619	Ca5	38755924	GTCTGCCACATCACCTT TTT	CGGATCAACTTTTCTTT GTGG	59.97	661	INTERGENIC			
CaPOPI_II_62	Ca1	29853730	TTGCATTCTAGGTTCA GCC	TATCGCTCGACCTCTGC TTT	60.21	602	INTERGENIC			
CaPOPI_II_621	Ca5	40392907	GCATTATCACGAGCAAC ACG	TCAATGTGGTTCGCAAA AGA	60.29	192	INTERGENIC			
CaPOPI_II_623	Ca5	42231500	TCAAAATCCACCCCA CTT	GCCATCTCCAATAGCAC CAT	60.21	888	INTERGENIC			
CaPOPI_II_624	Ca5	42425779	TCAATGGAATGGAGTCG TCA	CGACAATTCATTATCC GTCC	60.05	749	INTERGENIC			
CaPOPI_II_625	Ca5	44596809	TTGGCACATGCATTTTT GTT	GACCAAATCTTGTTGTT GCAGA	59.98	582	INTERGENIC			
CaPOPI_II_626	Ca5	44597112	GGGGTTAGTGCAAGCC AAAT	GTTTCGCACGTGATGAAC AAT	61.23	862	INTERGENIC			
CaPOPI_II_627	Ca5	45086826	CAAACGCAAAATTAAC ACACAA	AATACAGCTGGGTTTGT GGC	59.96	367	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_628	Ca5	46208612	ATGCAGCACAAATGCA AGT	TTCGAATCTTATTTGA CAATTTT	59.35	502	INTERGENIC			
CaPOPI_II_629	Ca5	46661039	TGGAATTCAAGGGACCA AAA	ACTTGCGAGATAATTTA GTAGGGA	60.28	863	INTERGENIC			
CaPOPI_II_63	Ca1	29856647	GCATTCCCTGCTCAAGA CTC	AGACAAGGGAGAGTCC CACA	59.96	812	INTERGENIC			
CaPOPI_II_630	Ca6	112870	AACTCCTTGGGACCGTG ATT	ACCTTGCAACTGGAGCA AAT	60.75	242	INTERGENIC			
CaPOPI_II_631	Ca6	1343859	CAACGAGTTTGATTCT ATTCTAACG	TTGGGTAGCCAAGGTTT CAC	59.66	721	INTERGENIC			
CaPOPI_II_632	Ca6	1350878	ACACATCAGCTTTTGG CTG	AGCCCACTCACCTTCTT CCT	58.93	428	INTERGENIC			
CaPOPI_II_633	Ca6	1354322	AATTTCATAGGCGGTG AAG	GGTGTACAGCTTTCAT GAACAAA	60.10	420	INTERGENIC			
CaPOPI_II_636	Ca6	1556869	CAATTTGGTTGGGCGTA AAC	TTGCTTTATACTCATATT TTGGCCT	60.22	528	INTERGENIC			
CaPOPI_II_637	Ca6	1559285	CAGAGCAGTGTGACAG CAAGA	TCAAAAATTTCAAACAAA ATCCA	60.39	456	INTERGENIC			
CaPOPI_II_638	Ca6	1559581	TGAAGTTAAATTAAGG ATCGCA	TATTTTATCCACCGC TGC	58.04	283	INTERGENIC			
CaPOPI_II_639	Ca6	1560016	AATATTACTGCAGCGGT GGG	GGACCACAAGAAATCCT CCA	59.98	719	INTERGENIC			
CaPOPI_II_64	Ca1	30475519	AGGATGCATGGGATGAA AAG	AAACTTCTACTCGGGCC CAT	59.89	766	INTERGENIC			
CaPOPI_II_640	Ca6	1682722	GAGGCATTGTCTTTGGT GGT	GCAAAATGTTTGAATGG CTT	59.97	656	INTERGENIC			
CaPOPI_II_647	Ca6	2528953	TGGGTCAATGTTAAGAG GGC	CGTCAACGTCGTGCATT TAC	59.93	515	INTERGENIC			
CaPOPI_II_649	Ca6	3176026	GCAATGGAAGGTGAAAA TGG	GCATAGGAGCGTGGAA ATTG	60.31	522	INTERGENIC			
CaPOPI_II_65	Ca1	30682856	GTTGGTTCCTAGCACC GTA	TCCGCCTAGGAGATAG CAGA	59.99	672	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_650	Ca6	3255826	TGGCTTGTTTGATTAG GACA	ATTCGAATGATCAGTTG CCC	58.28	547	INTERGENIC			
CaPOPI_II_651	Ca6	3351662	CGAAATGGAAACACC ACC	TCGAGTTGCGTAACTGA CATAG	60.21	687	INTERGENIC			
CaPOPI_II_652	Ca6	3351745	GGTTGATTAGGCTTCA CGG	TCGAGTTGCGTAACTGA CATAG	59.57	580	INTERGENIC			
CaPOPI_II_653	Ca6	3352912	AAAGTGGGTGGCAATTA ACG	TTATCCAATTCGGTTGC ACA	59.86	247	INTERGENIC			
CaPOPI_II_654	Ca6	3355103	TGAATAGATGTGCGCGA GAC	TCCACGGGAGTGAGAG AGAT	59.98	401	INTERGENIC			
CaPOPI_II_655	Ca6	3355875	AATTTGGCCCTATTGGC TTT	AGAAACGGAATGAGTCA CGG	59.81	709	INTERGENIC			
CaPOPI_II_656	Ca6	3377584	ATGCGGTGATGGTGATA TTG	TATGCCGAATATGGATG GGT	59.23	745	INTERGENIC			
CaPOPI_II_657	Ca6	3382789	ATCACCGACCACTCACC TTC	GTTCAATCAGTGCAGCG TGT	59.97	810	INTERGENIC			
CaPOPI_II_658	Ca6	3382946	TAACCACCAACATTCTG CCA	TGTTCCGTCCCACTCAT ACA	59.96	927	INTERGENIC			
CaPOPI_II_659	Ca6	3387853	GAGCCAACAGGATAAGA GCG	GAAAATTGAGTTCCATG ACGTTT	59.98	477	INTERGENIC			
CaPOPI_II_66	Ca1	30770184	AGTGGCTTGAGGAGT TGGT	CGTTCGGCTTTCTTCTT CTG	61.08	535	INTERGENIC			
CaPOPI_II_660	Ca6	3387937	GAGCCAACAGGATAAGA GCG	GAAAATTGAGTTCCATG ACGTTT	59.98	477	INTERGENIC			
CaPOPI_II_661	Ca6	3388065	GAGCCAACAGGATAAGA GCG	TTGTCTTTCACCTTCTTT TCCG	59.98	841	INTERGENIC			
CaPOPI_II_662	Ca6	3420698	TAGCCGACAACATTGGA ACA	TGAACTCGCACATTGGA GGA	60.11	386	INTERGENIC			
CaPOPI_II_663	Ca6	4649762	GGTCGAACCACTTGAG GTGT	AATCCACTCCCACTCCA CTG	60.01	389	INTERGENIC			
CaPOPI_II_664	Ca6	5295925	TTGACATTTCAAACCGG TCTAT	TGGAAAAGACTCCTGAA TATGGA	58.49	359	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_666	Ca6	6411336	ATCTCGTGGTGCAACA TCA	TTTGGGAAGGGTCAAG AAAA	60.12	628	INTERGENIC			
CaPOPI_II_669	Ca6	10514411	TTCGCAATCTGTGTTTT TCG	CAAGAATTCGTATCGTC TAAATGC	59.85	642	INTERGENIC			
CaPOPI_II_67	Ca1	31163466	ACTTTTGCGGAGAAGCA CAT	CGTTCGTCTTTTCCTCT TGC	59.88	360	INTERGENIC			
CaPOPI_II_670	Ca6	10642500	CGATTGTACAGCAAAAG CAA	GACAACCTTCGTTGCC TAA	59.99	437	INTERGENIC			
CaPOPI_II_673	Ca6	12787897	ATCAAACAAATGTTGCG AGC	CAAACCCCTATTTTGT GATTGA	58.78	749	INTERGENIC			
CaPOPI_II_674	Ca6	12877302	GTTCGTAAAGGACGGG ATGA	CTTTACAGCGCTTCT GGG	59.93	235	INTERGENIC			
CaPOPI_II_675	Ca6	13838996	TGTGTGATTGGTGTTGA GCA	GCAACAACGGGTGAAAA TCT	59.71	563	INTERGENIC			
CaPOPI_II_676	Ca6	15555599	TGTGGGCACATTAGTAG GCA	TCATCGTCGTTGCTTGA GTC	60.13	640	INTERGENIC			
CaPOPI_II_677	Ca6	15559125	TCACCAACAAAACTG GGG	CTACATTCCGGTAGGG CAA	60.76	480	INTERGENIC			
CaPOPI_II_678	Ca6	15727514	TTAGTTTGGGCTTGGGT TTT	TTGCTCCTACGTATCTC CCG	58.60	911	INTERGENIC			
CaPOPI_II_679	Ca6	15730699	ATTTGAACCTGGCAGCA AAA	GGTTTGAAAAAGGGT GATG	60.62	175	INTERGENIC			
CaPOPI_II_680	Ca6	15731057	ATTTGAACCTGGCAGCA AAA	GGGACAAAAGGCTAGTT TGG	60.62	909	INTERGENIC			
CaPOPI_II_681	Ca6	15999975	AAGTGTGGGCATTTCCT TTG	ATGGACCTCTGTATTCG CCA	59.97	137	INTERGENIC			
CaPOPI_II_682	Ca6	16012701	TAAGAGTTTGGTTCCGG TGG	TGTGCAGATAAATGGCC AAA	59.96	397	INTERGENIC			
CaPOPI_II_684	Ca6	21021586	CACCGTCGTGTTTCATCT GTC	TTATTTACCCGTCGTGT CCA	60.16	458	INTERGENIC			
CaPOPI_II_685	Ca6	21139884	CAGAAGGATTGCTCGTG TGA	TGCATAGGCAAAATGA TTGA	59.98	528	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_686	Ca6	21141563	TCCGATAGGAAGAGCCA ATG	ACGTTTATTTTCGGAC CCC	60.17	697	INTERGENIC			
CaPOPI_II_687	Ca6	21401312	AGCTCAGTCCTCACAAC CGT	TTAGATCGGACAAGAAA CCGA	59.91	344	INTERGENIC			
CaPOPI_II_689	Ca6	21485595	TGCGGGCTAGCTCACTT AAT	TCAAAACAAATAGGCAG GGG	60.00	115	INTERGENIC			
CaPOPI_II_69	Ca1	31768486	ACACATTATATTAATGC GCGA	TGCCAAACGATAGGTTG TTG	57.38	646	INTERGENIC			
CaPOPI_II_690	Ca6	22099449	TGTGTTGCTTCTTGCT TTG	ACGTGTGGGTTTCAGGT CTC	60.03	620	INTERGENIC			
CaPOPI_II_693	Ca6	23064745	TGGGTTGATTTCCAC ATT	TCTCGAGCAATCACAA GTTAAA	60.03	571	INTERGENIC			
CaPOPI_II_695	Ca6	24296638	GAGAAGGAGGGAATAA GGC	ATGTTTTGGATTTTGGC TCG	60.02	421	INTERGENIC			
CaPOPI_II_696	Ca6	24637049	TGTTTTTGGTGAAACGT GGA	AGGATGAATGTGGTGT GAAGA	59.98	376	INTERGENIC			
CaPOPI_II_697	Ca6	26277672	TTAGGTGCGCTTGACTG ATG	GTTTTGGCGTTGTTTC ACT	60.01	558	INTERGENIC			
CaPOPI_II_698	Ca6	27289106	CAATTCCACAGGTACG CTT	AATTCAAGGATTGGCG AAG	59.99	612	INTERGENIC			
CaPOPI_II_699	Ca6	28190835	AGGTCTCATACCAGAGA TGCG	AAGTTAAGGGACGCAA ATG	59.32	871	INTERGENIC			
CaPOPI_II_7	Ca1	1930262	GGCAACATTTTACAAA GTAAAGG	AGTTTGATTAATGTCGG GCG	58.32	318	INTERGENIC			
CaPOPI_II_70	Ca1	32037334	TCCAGTCATGTGGCTTC TCA	CTGAGCTTGTGACCAAA TCG	60.40	559	INTERGENIC			
CaPOPI_II_700	Ca6	28193559	AAGGACTAAGTCGGGAA GAAAAA	GATGGTTTTGTCCATT GAATTT	59.67	131	INTERGENIC			
CaPOPI_II_703	Ca6	28332319	TTTCAAAAAGTCCCAAT CGC	GGTTTGAGAAGAAGA CGAAA	60.05	751	INTERGENIC			
CaPOPI_II_704	Ca6	28332579	GTCGGAGCTCTGCCATA AAA	GGTTTGAGAAGAAGA CGAAA	60.35	599	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_705	Ca6	28332651	GTCGGAGCTCTGCCATA AAA	GGTTTGGAGAAGAAGA CGAAA	60.35	599	INTERGENIC			
CaPOPI_II_706	Ca6	28332758	TTTCGTCTTCTTCTCCAA ACC	CCCAACATATTACCTGT TACCCA	58.42	502	INTERGENIC			
CaPOPI_II_707	Ca6	28332973	TTTCGTCTTCTTCTCCAA ACC	CGTGCAAAGTCGAAGC GTAT	58.42	669	INTERGENIC			
CaPOPI_II_708	Ca6	28443583	AAAAACACCAAAAGCCC CTC	CATAAAATGCCATTGAT CCCT	60.33	499	INTERGENIC			
CaPOPI_II_709	Ca6	28513941	TGAAGAAAATTTAAAGG GACGAA	GTGTTGCATCTCATTGG TGG	59.18	569	INTERGENIC			
CaPOPI_II_71	Ca1	32153452	GTTTTGGCGTTGGTTTC ACT	TGGGTTTGACCCTATGT GTG	60.02	353	INTERGENIC			
CaPOPI_II_710	Ca6	28520924	TTAGAAACAGGGACCCC TCC	TTGTCTGTGAACCGAAG CTG	60.30	577	INTERGENIC			
CaPOPI_II_711	Ca6	28521027	TCTCATTCTTGCCTTGC CTT	TTGTCTGTGAACCGAAG CTG	59.96	172	INTERGENIC			
CaPOPI_II_712	Ca6	28521076	TCTCATTCTTGCCTTGC CTT	TTGTCTGTGAACCGAAG CTG	59.96	172	INTERGENIC			
CaPOPI_II_713	Ca6	29231459	ACTCCCACACCTCAA AGG	TTTCAAGTCTAGTCGAA GTTTCATCA	60.00	834	INTERGENIC			
CaPOPI_II_715	Ca6	31097180	TCCAATTGAGTGACAT CTTTC	CTTATAGCCGAATGGCC AAA	59.03	587	INTERGENIC			
CaPOPI_II_716	Ca6	31099504	TGGGATGATGTTGGGAA AGT	TTGCAAAGAAAACCTCG CTT	60.17	129	INTERGENIC			
CaPOPI_II_717	Ca6	32372827	GAATACGCGGCTGATTC ATT	CGCCCCGTTTTAACTCA TTA	60.07	613	INTERGENIC			
CaPOPI_II_718	Ca6	32391786	CGCTATGCCCCATTAGA TGT	TTTGATTGACTCATTGC GTG	59.95	294	INTERGENIC			
CaPOPI_II_719	Ca6	32519592	CGCATGCCACTCACTCT AAA	CGTGCCCACTTTCTACA TCA	60.01	611	INTERGENIC			
CaPOPI_II_720	Ca6	32521477	TTGCCAACGTGTCAATC ACT	TTTTCCCTACTATTTTGC AGCC	60.16	259	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_721	Ca6	32522263	TTGTTCATTTTGGTCG TTCA	CCTTGGCGGATATAGG GAAT	59.05	347	INTERGENIC			
CaPOPI_II_722	Ca6	32540257	GTTTATCAATGGACGCG GAC	TTCCCCATAAAACGGTT GTG	60.34	341	INTERGENIC			
CaPOPI_II_723	Ca6	32540480	CACAACCGTTTTAGGG GAA	GAGGATTGCTATGGACA ACCA	59.83	214	INTERGENIC			
CaPOPI_II_724	Ca6	32617100	GAACGGTCCATGC AAAA GTT	CCCCGATCCTTATACG ACT	59.98	554	INTERGENIC			
CaPOPI_II_725	Ca6	33094621	TCAAAATGTAGCGGGTT TCC	AAGCCTTCCTCAAAATC CAA	59.94	398	INTERGENIC			
CaPOPI_II_726	Ca6	33094845	TCAAAATGTAGCGGGTT TCC	AAGTTGGACAAAATTGG GGT	59.94	950	INTERGENIC			
CaPOPI_II_727	Ca6	33229272	TGTTGACGGTGTGTTTT TAAGG	AAATTTTAGACGCGAC ACG	59.94	477	INTERGENIC			
CaPOPI_II_728	Ca6	33229296	CGGTGTGTTTTTAAGGA TTGG	AAATTTTAGACGCGAC ACG	59.37	471	INTERGENIC			
CaPOPI_II_729	Ca6	33229523	CGGTGTGTTTTTAAGGA TTGG	GCGGATATCGTAGGGT GCTA	59.37	644	INTERGENIC			
CaPOPI_II_73	Ca1	33777775	CATGCTCAATACACGGA TGG	AACGTTCTTGAGTGGCT TGG	59.95	870	INTERGENIC			
CaPOPI_II_730	Ca6	33229803	AAGCAAGCCAAAACGA AAA	GCGGATATCGTAGGGT GCTA	59.87	382	INTERGENIC			
CaPOPI_II_731	Ca6	33240261	GTTTGGTATTGGGCTCC CTT	CACAATTCCTCCCTCTC CAA	60.19	314	INTERGENIC			
CaPOPI_II_732	Ca6	33240380	GTTTGGTATTGGGCTCC CTT	CGAAACTACCCCTTGT TGT	60.19	750	INTERGENIC			
CaPOPI_II_733	Ca6	34728984	TAGGCACATCAAGTCAA CCG	TCAGACCATCCGATAGA GGC	59.72	570	INTERGENIC			
CaPOPI_II_734	Ca6	34859064	GAAAGAGTTTTGAGCCA CGG	AAGTCCAATCTCGGTCA AACTT	59.85	625	INTERGENIC			
CaPOPI_II_735	Ca6	35161798	AGGAAGAGTGGAGTTG CGAA	CGGTTGAGAACCAAGG ATGT	59.99	649	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_736	Ca6	35399356	TTGAAGCTCAGATGGCA CAC	CTCCCCCTTTTGGCAT AAT	59.99	718	INTERGENIC			
CaPOPI_II_737	Ca6	35616799	GTTTCTGAGGCAAAATC CCA	TGCATTGTCTTCCCAT TGA	60.05	537	INTERGENIC			
CaPOPI_II_739	Ca6	35802672	GAGCCTTAGAGTTGGGA GCA	ACCCAACCTGTGCAACC AAC	59.57	778	INTERGENIC			
CaPOPI_II_74	Ca1	34386272	AATCTGGAGGGCGGTA AGTT	ATATCGGTCAAACGCAC ACA	59.96	413	INTERGENIC			
CaPOPI_II_740	Ca6	35810337	TCATCGATTGCAACTTG CTT	CCCTAAAAATTTGTGGG CTT	59.43	672	INTERGENIC			
CaPOPI_II_741	Ca6	36029920	TTTGAACCAAAAACCTT CTTCAA	GGAGAAAAAGAATTAAA ATCCTCTAAA	60.00	520	INTERGENIC			
CaPOPI_II_742	Ca6	36722414	CTTAGGTTTGCACTCAG CCC	TCGCGGATCTGCTCTTA AAT	59.88	685	INTERGENIC			
CaPOPI_II_743	Ca6	36722630	TTGCTCCTACGTATCCC CAG	TCGCGGATCTGCTCTTA AAT	60.09	295	INTERGENIC			
CaPOPI_II_744	Ca6	36898169	AAGAGAGGTCACTTTGG CGA	CAATTCCCACAGGTACG CTT	59.99	692	INTERGENIC			
CaPOPI_II_745	Ca6	37981858	TGCAATGACCTTGAAAT TCG	CTTTTAGCCTTCATCGC CAG	59.66	817	INTERGENIC			
CaPOPI_II_746	Ca6	37982172	GGTACACTTTCCCATCA GCAA	CTTTTAGCCTTCATCGC CAG	59.99	468	INTERGENIC			
CaPOPI_II_747	Ca6	41574227	TGATTAATCGCAAATTG TCCA	TTTTTGGGGTCGTTTTA TGC	59.02	471	INTERGENIC			
CaPOPI_II_748	Ca6	41574282	TGATTAATCGCAAATTG TCCA	TTTTTGGGGTCGTTTTA TGC	59.02	471	INTERGENIC			
CaPOPI_II_749	Ca6	41659483	CCATCAGAACTGGGAT GGT	TGGCCCTTCATTTTCA ATC	59.78	495	INTERGENIC			
CaPOPI_II_75	Ca1	34971020	AAATACCCCTTTTCCC ACG	TGAAAACGCTCAATGCC ATA	60.05	689	INTERGENIC			
CaPOPI_II_750	Ca6	41669872	TGTAGAATCCACCAATG TCCA	ACCAATCATGTTTCGTG GAA	58.84	651	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_752	Ca6	43043105	TGATTTGGTCGCAACAG CTA	AAAAATTGTGCCAAAGT TATGTGA	60.40	556	INTERGENIC			
CaPOPI_II_753	Ca6	43138332	GTTCCCTTTGGAATGCT TGA	TCTTTGGGCCAGTGAAA ATC	60.05	741	INTERGENIC			
CaPOPI_II_754	Ca6	43909185	TGATTGGGTTTGGGTTT ATT	ACATAGATGCCGCCTTC ATT	60.03	445	INTERGENIC			
CaPOPI_II_755	Ca6	45329060	TTTTTGCTATTTTATTCT CGTGG	TCGATTATGCGTAGGGA AGG	57.64	762	INTERGENIC			
CaPOPI_II_756	Ca6	46772986	GATTATTCTGCCTCCCG TCA	AAACGCAATCCTTGAGT TCG	60.04	633	INTERGENIC			
CaPOPI_II_757	Ca6	47001052	GAAGCGGTACTTCCCAT TGA	GGTTACAATGTGGGGA CGAG	60.07	417	INTERGENIC			
CaPOPI_II_758	Ca6	48260819	GTGGATGGTGGGGAAT AGTG	CTGAGGTCCCAAGCTAC GTC	60.05	504	INTERGENIC			
CaPOPI_II_759	Ca6	48279626	AACCAGATACTAACCCG CGA	TCTGGAAGTTTCTTGAC CGTG	59.59	620	INTERGENIC			
CaPOPI_II_76	Ca1	35261821	TGGATTGTCATGGTCTG GAA	AATGGTCTTGAATTTTG CCG	59.89	640	INTERGENIC			
CaPOPI_II_760	Ca6	48280097	GACACGGTCAAGAACT TCCA	TGCGTTGACTCTTCAAT ACACA	60.14	376	INTERGENIC			
CaPOPI_II_761	Ca6	48280225	GACACGGTCAAGAACT TCCA	TGTGGCACATTCCAAT TTAT	60.14	601	INTERGENIC			
CaPOPI_II_762	Ca6	48280286	GACACGGTCAAGAACT TCCA	TGTGGCACATTCCAAT TTAT	60.14	601	INTERGENIC			
CaPOPI_II_763	Ca6	48280766	TGTATTGATGAGTCGTT GAATGAT	GGAGACGTTAAAGTCCC ACA	58.52	902	INTERGENIC			
CaPOPI_II_764	Ca6	48281570	TAGGGCAATTGTGCACA TGA	CTCCAGGTAACGGTTGT GGT	61.08	335	INTERGENIC			
CaPOPI_II_765	Ca6	49218883	CCCCTTCATATGCTTCC AGA	GTGCTTGCTTTTACTTC GCC	60.03	446	INTERGENIC			
CaPOPI_II_766	Ca6	49733827	TTGCAATCTCATCAACT CGG	GTAAGTGAAGCGCTTT CGC	59.80	810	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_768	Ca6	52848807	CTGCCAAATACTGCGAC TCA	TCAATTTTGCTTGTAGG ATGGA	60.01	381	INTERGENIC			
CaPOPI_II_769	Ca6	52850074	TCTGATTCGTTAATGAC AACCTTT	CGTGGGAGCAATTATGT CCT	59.10	218	INTERGENIC			
CaPOPI_II_770	Ca6	52850184	AGGACATAATTGCTCCC ACG	TCCATCTCCAACAACAT CAAA	59.96	305	INTERGENIC			
CaPOPI_II_771	Ca6	52862596	ACATGAAGGCTTGGGTT GAC	GAGGAGCATGATAGCA AGGC	59.97	193	INTERGENIC			
CaPOPI_II_772	Ca6	52889876	TAAAGGACCAAGTCGGG AAA	TGCTCATGGAGTTAGAA GCAA	59.54	471	INTERGENIC			
CaPOPI_II_774	Ca6	53311252	GATGGTGGCCATTGAAG AGT	CAACAGTGTATGCACCT GCC	59.93	721	INTERGENIC			
CaPOPI_II_775	Ca6	53312302	ATAGCAATTGGTGCATC CCT	ATGACCAAGGCATTGAG GAC	59.42	761	INTERGENIC			
CaPOPI_II_776	Ca6	53413835	CGTCATTGGGGGACTA AAA	GAGTTCGGGAGTAGGG AAGG	59.80	978	INTERGENIC			
CaPOPI_II_777	Ca6	53799025	GGCCCAATATTGAAAC CCT	CAACTTGCAAAGACCCA TCA	60.02	704	INTERGENIC			
CaPOPI_II_778	Ca6	54068748	GTAAGTGAAAGCGGGA GTGC	ACCACCAACTTGCTTGC TCT	59.88	527	INTERGENIC			
CaPOPI_II_779	Ca6	54068881	GATCCCAACCATCATTG TCC	ACCACCAACTTGCTTGC TCT	60.00	258	INTERGENIC			
CaPOPI_II_780	Ca6	54068968	GATCCCAACCATCATTG TCC	ACCACCAACTTGCTTGC TCT	60.00	258	INTERGENIC			
CaPOPI_II_781	Ca6	54069131	GATCCCAACCATCATTG TCC	AATTACCACGGCCTCTT GTG	60.00	824	INTERGENIC			
CaPOPI_II_782	Ca6	54070088	GCAATTGTCGTGATTTT ATTTTGT	TTTTGGTGGGTTCCACT TTT	59.80	379	INTERGENIC			
CaPOPI_II_783	Ca6	54070236	TTTCTTTCCTCATGCTTT AGAGG	TTTTGGTGGGTTCCACT TTT	59.07	123	INTERGENIC			
CaPOPI_II_784	Ca6	54192734	GGACGGCGAAAATAAAA CAA	TTGAAAATGGCTAAGGC AAAA	59.94	642	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_785	Ca6	55769150	TCGATTATGCGTAGGGA AGG	TTTTTCCTTTGTAGGCC CAA	60.05	943	INTERGENIC			
CaPOPI_II_786	Ca6	55771133	GGAAACGTGTGAACGG AAGT	GGTAACCAATCCGAAGA CGA	60.01	575	INTERGENIC			
CaPOPI_II_787	Ca6	55771190	TTACCGATGCATTGATC GAC	GGTAACCAATCCGAAGA CGA	59.50	143	INTERGENIC			
CaPOPI_II_788	Ca6	56087656	TTGTGAGCATGAGAAGT TGTTG	TGAAAAATTATTGAAAA GTTACTTCC	58.98	737	INTERGENIC			
CaPOPI_II_789	Ca6	56504001	GTTGGCGCAAACCTTTC TTC	TGCAACTTTCAGGTCCC TTT	60.00	583	INTERGENIC			
CaPOPI_II_79	Ca1	35283797	GGGTGTGTTGATAGGA GGG	CTCCCCTCCATCTCCT CTT	59.26	139	INTERGENIC			
CaPOPI_II_790	Ca6	56504140	AAATGCAAAGTCGGATG GTC	TGCGAAGAAGAATGATC ACG	59.94	896	INTERGENIC			
CaPOPI_II_791	Ca6	56504753	CGTGATCATTCTTCTTC GCA	TCGGTCACCAAGTTACC ACA	59.95	614	INTERGENIC			
CaPOPI_II_792	Ca6	56505598	TGGTAACTTGGTGACCG ACA	AATTTTTGCAGAAGAAA GAAAAAG	60.00	485	INTERGENIC			
CaPOPI_II_793	Ca6	56507452	CGTGATCATTCTTCTTC GCA	ATCCAAACATTGGCCAT TTC	59.95	685	INTERGENIC			
CaPOPI_II_794	Ca6	56507723	CGTGATCATTCTTCTTC GCA	CTCCCAATTGCAGTGT CCT	59.95	966	INTERGENIC			
CaPOPI_II_795	Ca6	56507798	AAATTCAAGTCTCGACG CAAA	CTCCCAATTGCAGTGT CCT	59.88	511	INTERGENIC			
CaPOPI_II_796	Ca6	56727392	AGGCAAAACATGTTCCC TCA	AATGTTAGTGCACCGTG TCG	60.50	706	INTERGENIC			
CaPOPI_II_797	Ca6	58373671	TCACGCAAAAGATTCAT AAAAGA	AGTTTGTAAGCTGTGCG TCG	58.93	500	INTERGENIC			
CaPOPI_II_798	Ca6	59093194	GGAGGCAACCCAACTCT ATG	TCGCATAATTGGAACGT CAA	59.55	271	INTERGENIC			
CaPOPI_II_799	Ca6	59273311	TTTTTGGGCTGAAGCCA TAC	GGTGGAGAATGAAACG GAGA	60.07	359	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_80	Ca1	35284017	GAGATGGAAGGGGAGG AAAG	GCACAAAAGAAAAATAC AAGTCCA	60.01	273	INTERGENIC			
CaPOPI_II_800	Ca6	59349983	TTTCATTGCACTCACT CCA	CCTATCATGGCCTGACC TGT	60.24	777	INTERGENIC			
CaPOPI_II_803	Ca7	1018745	TTGCAACATGATAGCT GCC	TTGTTGGCATTGTTGTG GTT	59.84	467	INTERGENIC			
CaPOPI_II_804	Ca7	1018777	TTGTTCCCGTAAAAGAT CGC	TTGTTGGCATTGTTGTG GTT	60.07	233	INTERGENIC			
CaPOPI_II_805	Ca7	1245279	TGCACAAACACACAAC CCT	TCGCTCCTGTGTCAGTT TTG	60.05	468	INTERGENIC			
CaPOPI_II_808	Ca7	2525335	TGGTGGAAAAATAGCAT TTGG	CCTCTCCGAATGACTC AAG	59.82	868	INTERGENIC			
CaPOPI_II_81	Ca1	35284253	GAGATGGAAGGGGAGG AAAG	TCTGATCAAATATGTGG CAGAAA	60.01	657	INTERGENIC			
CaPOPI_II_810	Ca7	4418125	CAAGTCAGCACCGACAA AGA	ATAAAAGGGTGACGTG GCAG	60.03	592	INTERGENIC			
CaPOPI_II_811	Ca7	4867122	AGGTGGTGAGCGTTTTT GAA	TTGATGATGTGAAGGAA TGACAG	60.67	670	INTERGENIC			
CaPOPI_II_812	Ca7	5014340	AATACCACCACCGACCA CAT	AATGAGCTCCAACGGTC ATC	59.97	787	INTERGENIC			
CaPOPI_II_813	Ca7	5034485	CCCACTTGCAACGGTTT ATT	TGAGGTAAGCTTTGCAT CATGT	59.86	837	INTERGENIC			
CaPOPI_II_814	Ca7	5443791	TATTTGCGAGCGTGTCT TCA	TTTTGATGCTTTTCCA CCA	60.55	516	INTERGENIC			
CaPOPI_II_817	Ca7	5650363	TCGTTCCCTCTGAAATG AAA	TCGAGTGAACGTGGAA GATG	58.27	239	INTERGENIC			
CaPOPI_II_818	Ca7	5694761	GGAATTCTGTTTGCAAG GGA	AACCCATCACTTGCTGA TCC	60.05	627	INTERGENIC			
CaPOPI_II_819	Ca7	5843643	GGTGAGTTTTCTCTCC CCC	TTTCATCGTCTGAAGTCA CGG	59.91	501	INTERGENIC			
CaPOPI_II_82	Ca1	35977319	AACTCGTTGGAACCTCC CTCT	GCAAGCAGCCTTGTTGA CTA	59.24	540	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_820	Ca7	5884631	TCTTGTTTGCCTGTCTC GTG	ATGCGAAGGAGCAATTA TGG	60.03	832	INTERGENIC			
CaPOPI_II_822	Ca7	6912264	TGCACTTGACATGTTG AATAA	AATCCCTGCAATTGTGG AAG	60.18	560	INTERGENIC			
CaPOPI_II_823	Ca7	7738038	GATTCCATTGGGATTGG TTG	CACGTTTTAGAGATGTC CATTTTG	59.99	505	INTERGENIC			
CaPOPI_II_824	Ca7	7738595	CAAAATGGACATCTCTA AAACGTG	TCTCTCACCCAATCACC AAA	59.93	583	INTERGENIC			
CaPOPI_II_825	Ca7	9180941	ATGATTTCCACGAGCCA AAC	TGCAACATTTCTGATG AGC	59.94	322	INTERGENIC			
CaPOPI_II_826	Ca7	9181858	TATTACCCAACCAAGCC AGC	TGAACTTTGATTGCCGC TAA	59.96	554	INTERGENIC			
CaPOPI_II_827	Ca7	10192729	CCCATTCCGAATACATT GCT	GAGTTGGGTGCACGAT TTTT	59.78	624	INTERGENIC			
CaPOPI_II_828	Ca7	10568493	ACGATGGAGGCCAAAGT ATG	AAAATAAGGCATGGTGT TGGA	59.96	487	INTERGENIC			
CaPOPI_II_829	Ca7	14075293	TTTGTTTAGCCACAAC TTTGA	CGTGCTCGGGATTATT TGT	57.57	862	INTERGENIC			
CaPOPI_II_83	Ca1	36044248	CGATTTCCCTGCATGTT TTT	GCCTGTGATAGGCGGT ACAT	59.94	540	INTERGENIC			
CaPOPI_II_830	Ca7	15467222	TGGGAAACGGTGCTAAA CTT	TCCATTTACGGCAAATT CAA	59.61	716	INTERGENIC			
CaPOPI_II_831	Ca7	16001405	AAAACACAACGTGCAAA CGA	GGGTACCAAGCACAG TTTT	60.20	679	INTERGENIC			
CaPOPI_II_832	Ca7	16941588	TGCCGTAGTATTCACCA CCA	TGCCATGAAATTCTGCC ATA	59.99	852	INTERGENIC			
CaPOPI_II_833	Ca7	17133790	GACACTACCCGGCATCA AGT	CCAACCCAAATAAATGA AAATCA	60.00	530	INTERGENIC			
CaPOPI_II_834	Ca7	17172621	GGCTAAACCTTGCTTT GGC	AGACTCTGCTTGACCG GAAA	58.84	541	INTERGENIC			
CaPOPI_II_835	Ca7	17374590	GCATCTGTAAACAAGA CCCG	ACATCGATAAGAGGCAG CGT	59.62	525	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_837	Ca7	18587623	CGATGATGACTGATTGG GGT	TGTTTGTGTTTGAGGC GTT	60.75	374	INTERGENIC			
CaPOPI_II_838	Ca7	18588675	CCAAGACTCCTTGTAA ACCC	GCACATATACACGTA AAATCGCA	58.56	299	INTERGENIC			
CaPOPI_II_839	Ca7	19589201	GGTCGTCCAAATAGTAC CCG	AGGAAGCCCAAGTTCCA AAT	59.31	828	INTERGENIC			
CaPOPI_II_84	Ca1	37122520	TGCAATCATTGGTGCTT AGG	AAAAAGCGCCGTAAAT GAG	59.69	710	INTERGENIC			
CaPOPI_II_840	Ca7	19857139	CCATATGTCATAGTGG GTCA	AGAGGCAACAAGAACC GAA	59.44	314	INTERGENIC			
CaPOPI_II_841	Ca7	19860378	CCTCAATATGTTGGGAC ATGC	TGATTCTCAGGGAGGG TGTC	60.21	464	INTERGENIC			
CaPOPI_II_843	Ca7	20505889	GGCATGGAAATTCTGA AAAA	TTCATTCTCGATTGAG GGC	59.05	803	INTERGENIC			
CaPOPI_II_844	Ca7	20617780	GGCGAGGGATGGAATT TTAG	GAATTGGGACTTCTGCC GTA	60.76	777	INTERGENIC			
CaPOPI_II_845	Ca7	21099731	GAGAAATCAAAATTGCC CCA	AGTGCCTCCTGTTCTCG AGA	59.88	500	INTERGENIC			
CaPOPI_II_846	Ca7	21670841	TGACAAATCTTGCAAC CCA	ATTGCTCATTTATGCC CTC	60.09	217	INTERGENIC			
CaPOPI_II_847	Ca7	21685577	TTTATAAATTGGCCCA TCG	TAGGGGGACCAAGAAA CTGG	59.63	501	INTERGENIC			
CaPOPI_II_848	Ca7	21728387	ATCTCTGCGCAATATCG CTT	AGCCGACTTTCTCTACC ACA	59.97	674	INTERGENIC			
CaPOPI_II_849	Ca7	21729097	TGCTCAAAAGGGAAGA AAA	GCCACGTGGTTGAAAG AAGT	59.80	240	INTERGENIC			
CaPOPI_II_85	Ca1	37122699	GGAGGAGCGCAACTTAA TCA	AAAAAGCGCCGTAAAT GAG	60.35	372	INTERGENIC			
CaPOPI_II_850	Ca7	21729303	TTGCTCAAAAGGGAAG AAA	TTGTTATTTCTTTATGC CGTTG	59.80	426	INTERGENIC			
CaPOPI_II_855	Ca7	22036269	GCTCAGCCTTGAAATCG AAC	TTCATCATCATCTTCAAA CAAAA	59.96	627	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_856	Ca7	22038011	CTCCAAATTTCCAGCCA AAA	ACACGGACGGGTCTTG TATC	60.05	822	INTERGENIC			
CaPOPI_II_857	Ca7	22043317	TGGTTCAAATGCTGTAA TCTTCTC	ATTCGCTCAATACACGG GTC	59.67	884	INTERGENIC			
CaPOPI_II_858	Ca7	22045478	TGTGGTGTTCCTCAAAG ACA	CAAAGCGAAGTGCAAAA TGA	59.98	246	INTERGENIC			
CaPOPI_II_859	Ca7	22046891	ATAATTTGCCTTTGCGG TTG	TTCTGTGAGCAAGGCTG ATG	59.96	319	INTERGENIC			
CaPOPI_II_86	Ca1	37122810	GGAGGAGCGCAACTTAA TCA	AAAAAGCGCCGTAAAT GAG	60.35	372	INTERGENIC			
CaPOPI_II_860	Ca7	22046957	ATAATTTGCCTTTGCGG TTG	TTCTGTGAGCAAGGCTG ATG	59.96	319	INTERGENIC			
CaPOPI_II_861	Ca7	22046996	ATAATTTGCCTTTGCGG TTG	ACCTGGTCGTAGATGC CACT	59.96	414	INTERGENIC			
CaPOPI_II_863	Ca7	23780060	CGCTCGTCTATGCGATT GTA	TAAATCTCCGCTCGCA ACT	60.00	946	INTERGENIC			
CaPOPI_II_864	Ca7	23907440	TTGGAGAATTCAAAAT AAGGCA	CGTGACAAAGCACGAAA GAA	59.96	513	INTERGENIC			
CaPOPI_II_865	Ca7	24347972	CTCTCATCTGAGGGCAA AGC	CGATTGAATTAAGCCCA GGA	60.10	356	INTERGENIC			
CaPOPI_II_866	Ca7	24348355	TCCTGGGCTTAATTCAA TCG	CGTTCCTGAGGGAATTG TGT	60.03	378	INTERGENIC			
CaPOPI_II_867	Ca7	24421160	AGGAAGCCCAAGTTCCA AAT	ACAGCCAACAACCACAT CAA	59.94	469	INTERGENIC			
CaPOPI_II_868	Ca7	24485265	GTCCACCCCTAGGAGCT TTC	CGGACCAAAAATTAAAG CGA	60.07	986	INTERGENIC			
CaPOPI_II_869	Ca7	25626892	TTGGCCAAGTCCCTGTT TAC	CCCGTGATAGGCAGTA CGTT	59.97	420	INTERGENIC			
CaPOPI_II_87	Ca1	37128515	CAATCCCACAGGTACG CTT	TTGGTCTCATCAATGAT TGTA AAAA	59.99	568	INTERGENIC			
CaPOPI_II_870	Ca7	26035041	TAAAGAGATTCGCAGCG GTT	CATGTTTTTCGAAGCTCA CCA	59.98	407	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_871	Ca7	26160184	GTGGCTACCTTCTTGGG TGA	TTTCATCGCCGAAACCT ATC	60.11	141	INTERGENIC			
CaPOPI_II_872	Ca7	26221720	CTTGGGAATTGGAGAGC AAG	GGGTTTCTTTCCTTGAA GCC	59.81	671	INTERGENIC			
CaPOPI_II_873	Ca7	26228410	ATGGTGCAAAATGGTGA CAA	GAAAGTCGGTGCATGG AAGT	59.82	304	INTERGENIC			
CaPOPI_II_874	Ca7	26235537	TGCGACCTCAGTTTCTC AAA	GGGGTCATAGCATCCC CTAT	59.57	157	INTERGENIC			
CaPOPI_II_875	Ca7	26662956	TCCAAGCTTCCTTCAAT GGT	CTCAAAGCGCTCCAAT TTC	59.67	542	INTERGENIC			
CaPOPI_II_878	Ca7	27346895	TGCTTGATTGCTTGAGT TCC	CGCGCAGATTGTCAAT AGA	59.00	641	INTERGENIC			
CaPOPI_II_879	Ca7	27521328	GCCAAATTCCTCTTTC TCC	CCTTTCCACACAACCAC AGA	60.02	393	INTERGENIC			
CaPOPI_II_880	Ca7	28190197	TTGGTTTATTTGGGTTG GGA	ACCAGGAAAAGAAGAAG GGC	60.02	519	INTERGENIC			
CaPOPI_II_881	Ca7	28702659	TCCATTAACCCTCTTGA GGAAA	TCAGGATGAAGAAGGG GAGA	59.94	531	INTERGENIC			
CaPOPI_II_882	Ca7	28707412	ATCCACCATCAAAAAC CAA	GATATGTTCCGAGTGCC GTT	60.03	491	INTERGENIC			
CaPOPI_II_883	Ca7	29416537	AAAATCATTACTACCAT AAGTGGAA	TGCTCTCCTCCTTCAAC AACT	59.29	436	INTERGENIC			
CaPOPI_II_885	Ca7	30053648	GGAAGTGAAGAAAAAT ATGCGA	GTGCTCTCTTTGCCGA TTC	59.64	774	INTERGENIC			
CaPOPI_II_888	Ca7	30221695	CTTGTTGATGCAATGTT GGC	TTTGCCACACAAAAAC AAA	60.12	538	INTERGENIC			
CaPOPI_II_89	Ca1	37420598	GGGAAAAGGAAACCAA AAA	TGAGTGAGGGAGACAA AGGG	60.14	950	INTERGENIC			
CaPOPI_II_891	Ca7	31112471	GCAAAGGCACTCATTCC ATT	GCAAAAACACGAGAAG GAGG	60.08	493	INTERGENIC			
CaPOPI_II_893	Ca7	31745904	TGCATGGAATGGTGAGT GAT	ATTGATGGGTTTACTTG GCG	59.93	219	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_894	Ca7	32479028	AGGGAGTTTAGTGGTG GGCT	CGGATGCATGAAAGTGA AAA	59.99	636	INTERGENIC			
CaPOPI_II_896	Ca7	32649545	TTGCAGGATGCACAGAA AAG	AGGTGCATCCCCTGTAA CTG	59.99	415	INTERGENIC			
CaPOPI_II_897	Ca7	32650059	ATGGGACTGTGGGAGA GAGA	GAAAAAGGCTTCAAACA TCAAA	59.64	398	INTERGENIC			
CaPOPI_II_898	Ca7	32654894	AACGAAGTGAGACGTGA GCA	TGATGGCTATGGTGGAA CAA	59.62	618	INTERGENIC			
CaPOPI_II_899	Ca7	32655163	AACGAAGTGAGACGTGA GCA	TGATGGCTATGGTGGAA CAA	59.62	618	INTERGENIC			
CaPOPI_II_90	Ca1	37421082	ACTTGACGGGGACTCCA CTA	ACATGTTCTTGTGCTC GTG	59.57	637	INTERGENIC			
CaPOPI_II_900	Ca7	33539636	AAATTGGACGGTGCTAA TCC	CACGAAAGGTTTCATCA CAAA	58.91	243	INTERGENIC			
CaPOPI_II_902	Ca7	33597364	GATGTTAACGCACCTCC ACC	CACACTTCGATCTCCGA TCA	60.38	483	INTERGENIC			
CaPOPI_II_906	Ca7	34312433	CTCCTTTCTCACACTCA CTCCA	TTGGTGGACTTCCCAAC TTC	59.49	515	INTERGENIC			
CaPOPI_II_907	Ca7	34312678	CTCCTTTCTCACACTCA CTCCA	TTGGTGGACTTCCCAAC TTC	59.49	515	INTERGENIC			
CaPOPI_II_908	Ca7	34318595	TCAATGACTGTGACAAA ATCCA	GCTAGCAGCCACCTTCT TTG	59.02	503	INTERGENIC			
CaPOPI_II_909	Ca7	34342253	AATGATAGGTGGACGTT CAAA	GGGTAACCTCGCCACA ACTA	57.08	725	INTERGENIC			
CaPOPI_II_91	Ca1	37424329	AAAAAGTATTGAACAAA CACGCT	TGAAATCCAAATTAATTT GCTGAA	57.18	549	INTERGENIC			
CaPOPI_II_910	Ca7	35177660	GCCAACCGACTCCATCT TTA	TTTAGCAGTTTTTCAATT TCCAA	60.07	690	INTERGENIC			
CaPOPI_II_911	Ca7	35313643	TTCGATAAAGCAAAAGC TCCA	AACTGAATATGGGCCAG TCA	59.97	805	INTERGENIC			
CaPOPI_II_912	Ca7	35364737	CGCATTCTCTCGAAAA GTC	TTGGAGAAAGATCTCCG GTT	59.96	439	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_914	Ca7	38743655	CTTAGGTTTGCACCTCAG CCC	CTCAATCGTGGGTGAC CTTT	59.88	932	INTERGENIC			
CaPOPI_II_915	Ca7	39525063	AACGACCAACTTGGGAA AAA	GGAGTGGGTACCCGAG AATA	59.45	520	INTERGENIC			
CaPOPI_II_917	Ca7	40985025	GCAACTGCCTTAAAAAT GGAA	GGAACGTGCGTACATT GTTG	59.24	303	INTERGENIC			
CaPOPI_II_918	Ca7	41008241	GCCAATCAGGACACATC TCA	TCAGAACATTCCATCGG TGA	59.64	563	INTERGENIC			
CaPOPI_II_919	Ca7	41009960	CATGACCTCGGTTTTCA ATAA	CCCTCACATTTTAAAG CACA	57.62	814	INTERGENIC			
CaPOPI_II_92	Ca1	37424983	GCAATTTAATTTGGATT CATGG	TCACATCCATCCACGGT ACA	59.60	761	INTERGENIC			
CaPOPI_II_920	Ca7	41010142	TGCAATGAATGAAAGTA TGCTACC	GAAAAGCGCTGTAAAT GGC	60.38	815	INTERGENIC			
CaPOPI_II_921	Ca7	41251256	CCAATAGTTTAGTGGGC CAAA	AAGGGTCCTCTGAAGC GTT	59.00	213	INTERGENIC			
CaPOPI_II_922	Ca7	41252327	TGCAATGCAATGTCCAT TTT	TTTTCTCATGGTGCA GTG	59.94	324	INTERGENIC			
CaPOPI_II_923	Ca7	41484126	AGATTGCGAGGCAGTTG AGT	CGAGAGAGTGTACGCG ATGT	60.02	701	INTERGENIC			
CaPOPI_II_924	Ca7	42738535	TCCCGCTACACTTTGAG GAC	TCAAAAGCAAGTGTTC AGG	60.26	592	INTERGENIC			
CaPOPI_II_926	Ca7	43375115	CCAATATCTCGTGTCC CGT	CATTTCAAGTTGGGCA GTT	59.81	335	INTERGENIC			
CaPOPI_II_927	Ca7	44001613	TGAAACTGCCATTGGAC AAA	CAATTTCTTTGCGTGTG GTG	60.09	476	INTERGENIC			
CaPOPI_II_929	Ca7	44474070	TAGCAACAAAAATGGGG GAG	TGGTAGCGTACCGTTTG ACA	59.93	634	INTERGENIC			
CaPOPI_II_93	Ca1	37425153	GCAATTTAATTTGGATT CATGG	TCACATCCATCCACGGT ACA	59.60	761	INTERGENIC			
CaPOPI_II_930	Ca7	45206871	AGGAGGTTTGTGTTGA CGG	TTTGGATTTTGAACCGG AGG	60.01	617	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_931	Ca7	46332309	AACGTAAGTGCATCAC GGG	TTCGCAACTCCACTCT CCT	60.02	649	INTERGENIC			
CaPOPI_II_932	Ca7	48312616	CGAAGCACAAGGAGAT GACA	TTTCCGAGTGCTGTCAA ATG	59.98	382	INTERGENIC			
CaPOPI_II_933	Ca7	48392684	TGATTCCCCAACATCCA ACT	ATGATATTGGAGTTTGC GCC	60.17	165	INTERGENIC			
CaPOPI_II_934	Ca8	1184414	TTCGTACCGTTCTCTCC TCAA	TTGTACACAACCTCCTT GCG	59.86	563	INTERGENIC			
CaPOPI_II_935	Ca8	5016373	TTGTCCGTTATAACATTA AACACTTT	GAAAAAGACAACCCGCA TTA	57.47	279	INTERGENIC			
CaPOPI_II_937	Ca8	6492546	CGTAAGCAACCCACCAA TCT	TTGTCAACAACCTCAGCG TAAAAA	59.99	142	INTERGENIC			
CaPOPI_II_938	Ca8	6492603	CGTAAGCAACCCACCAA TCT	TTGTCAACAACCTCAGCG TAAAAA	59.99	142	INTERGENIC			
CaPOPI_II_94	Ca1	37425620	TGTACCGTGGATGGATG TGA	TATGCATCCTCACGGTT TTG	60.82	675	INTERGENIC			
CaPOPI_II_943	Ca8	7948182	GCCGCAAAGAAGAGAA GAGA	TGCCCAAGTCACTAATG CTG	59.84	443	INTERGENIC			
CaPOPI_II_944	Ca8	7950561	GTCTTTGGCCTCCAATC AAA	TGGAGTTGGGCAATAA TTT	60.05	359	INTERGENIC			
CaPOPI_II_945	Ca8	7952607	CCTTCAAAATGGTGTTG CTCT	GTCATTTTGCCGATCAC CTT	59.23	676	INTERGENIC			
CaPOPI_II_946	Ca8	7953093	AAGGTGATCGGCAAAAT GAC	CAGCCCTTCAGTGTCAT GAGT	59.94	609	INTERGENIC			
CaPOPI_II_947	Ca8	7953809	ACCTGCGACAGTGAAC ATA	GAAAACGAGGCGTAAAC GAG	60.18	360	INTERGENIC			
CaPOPI_II_948	Ca8	7954393	CTCGTTTACGCCTCGTT TTC	CCGTAGCATGAGAGTG ACCA	59.88	561	INTERGENIC			
CaPOPI_II_949	Ca8	7954496	TTTCGTCGTATAAAGAC GGAGAG	CCGTAGCATGAGAGTG ACCA	59.80	545	INTERGENIC			
CaPOPI_II_95	Ca1	37433380	AATAAATTAGTGCAGCA AACCAA	GGCAAAGAGAGGAAAG TGGA	57.98	756	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_950	Ca8	7955526	CATGCAAGAGAAGGGAA AGAA	GTGTGGGAGAGAAAGC ATCC	59.44	296	INTERGENIC			
CaPOPI_II_952	Ca8	8240879	GTCGCCGCTACGAGATA AAC	TTTGTGCTGATGGTGAT GGT	59.87	729	INTERGENIC			
CaPOPI_II_953	Ca8	8312325	CGGCGATCATTAAAGGAG AAA	ATTTTGAACAAGCGGAC CTG	60.17	561	INTERGENIC			
CaPOPI_II_954	Ca8	8623323	GGGGTGATTATGGAGC AAGA	GGTCACGTGTGTTCCAA GAA	59.89	963	INTERGENIC			
CaPOPI_II_955	Ca8	8624257	CTTTGATTGGGGTTTG GAA	TGGTGACAATTATTTT CCCGT	59.77	664	INTERGENIC			
CaPOPI_II_956	Ca8	8624418	TCCTTTCAATGGACTGG TGA	GTCCCGAGCATGACGT TTAT	59.06	888	INTERGENIC			
CaPOPI_II_957	Ca8	9087628	TTGGACCCCATCTTACT TGG	TGTAGCATCCCATTTTC CACT	59.78	741	INTERGENIC			
CaPOPI_II_959	Ca8	9201647	GTCTCGATCGCAAGTCA CAA	GATATACGGCTGACG GCG	59.99	300	INTERGENIC			
CaPOPI_II_96	Ca1	37489959	ATTGTCCAGTTTCTCA CCG	CGATTGGTAAATCGATT GGG	59.97	594	INTERGENIC			
CaPOPI_II_960	Ca8	9364522	TTGTCGGTGAGATTGTG TGAA	AAAGATTGTGATTTTGG CGG	60.14	802	INTERGENIC			
CaPOPI_II_963	Ca8	10366674	CAAGAAGACGCCGATGA AAT	GTCGAACGTTCTCCGTT TGT	60.21	571	INTERGENIC			
CaPOPI_II_964	Ca8	10590161	AACGGAGGAGGAACAA ACAC	TTAGAAGGCCTTGCATA CGA	59.04	212	INTERGENIC			
CaPOPI_II_965	Ca8	10612849	AGTGGGAGTTTCGTCCA TTG	AGCACATGGAACCAAAG AGG	59.97	299	INTERGENIC			
CaPOPI_II_966	Ca8	10686546	TGCTATCGGTACCAATT TTGC	TCCGTTGTCTCATTCTGA TCA	59.98	628	INTERGENIC			
CaPOPI_II_967	Ca8	10701972	TCAACGGTTATACGGCA ACA	TTTTATCTATGAAAAATG CCTCACA	59.99	373	INTERGENIC			
CaPOPI_II_969	Ca8	11070760	GCTTCTAGCTGGTGCTG CTT	AGGGAATCAATTGTAGG GGG	59.93	900	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_97	Ca1	37490066	ATTGTCCAGTTTCCTCA CCG	TGAACTCTGAGCGTGTG ACC	59.97	775	INTERGENIC			
CaPOPI_II_970	Ca8	11113946	CCAGAAAACGAAAACCA AACA	TTTGATTTTGAGGCAGA GCA	60.00	480	INTERGENIC			
CaPOPI_II_971	Ca8	11145831	TCITTCTGGTTGCAAAT TGTTTT	AAATTGAAGCAAACGGA ACC	60.03	980	INTERGENIC			
CaPOPI_II_972	Ca8	11146284	TGTGATTGAGGCACTAT CAAGC	CCGGTGAAATGGTTAT TTG	60.28	280	INTERGENIC			
CaPOPI_II_973	Ca8	11146309	TGGTTTGCTGGAATTGT GTG	CCGGTGAAATGGTTAT TTG	60.55	167	INTERGENIC			
CaPOPI_II_974	Ca8	11146772	TAACCTGTGCGCTATTC GTG	TGCAATAATTCCTCAT CATTTTT	59.90	329	INTERGENIC			
CaPOPI_II_976	Ca8	11955442	GGCCGATTACTGCTCA CAT	GTTGCCACTTGGCGTAA AAT	60.10	430	INTERGENIC			
CaPOPI_II_977	Ca8	11975713	TATACTCGTGCCTACG CGG	GGATGGAGACAATGAT GAGGA	59.92	135	INTERGENIC			
CaPOPI_II_979	Ca8	12048375	TTCCCCCTAAACAGAA CCA	GTTGTTGCTGCCCTTTG TTT	59.40	723	INTERGENIC			
CaPOPI_II_98	Ca1	37917967	TCCACAAGTTATTCGAC GAAAC	TTCCATTGATCTACGTT AATGTTTG	59.13	558	INTERGENIC			
CaPOPI_II_980	Ca8	12979016	ATATGTTGGGGGTGATG GAA	GGGGTCGGACATTACT AGC	59.87	921	INTERGENIC			
CaPOPI_II_981	Ca8	12979079	CGTGCAAGTTAGGGAAG GAT	GGGGTCGGACATTACT AGC	59.20	873	INTERGENIC			
CaPOPI_II_982	Ca8	12983474	TGCAGATGCACGAATCT CTT	TGCACTAATTTATCGGG ACCA	59.55	496	INTERGENIC			
CaPOPI_II_983	Ca8	12983910	TTGGTCCCATAAATTA GTGC	GCCCAAGTTAAGACAAC CCA	58.96	442	INTERGENIC			
CaPOPI_II_984	Ca8	12984097	AGTGTTAACCGGGATCA AACA	GCCCAAGTTAAGACAAC CCA	59.35	301	INTERGENIC			
CaPOPI_II_985	Ca8	12990010	TGGCTAATAAATTGTGC CCAT	TCATGTCCCCTCCTGA ATC	59.34	552	INTERGENIC			

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_986	Ca8	13297997	AAATTGATTGGATGGTG GGA	AAATGCAGAGGCACCAC TCT	59.99	442	INTERGENIC			
CaPOPI_II_988	Ca8	14064085	TGTGTGTGTGTGTCCAG AGG	GGTATCCATGGGAGCTT TGA	59.11	804	INTERGENIC			
CaPOPI_II_99	Ca1	37927331	ATTTTGATCGCGGAAGT TTG	TCAATCAACCAGATTTT GCATT	60.07	553	INTERGENIC			
CaPOPI_II_992	Ca8	14113684	AACACGCCTCACACCAC ATA	CCAATTCACAAATCGG TCC	60.03	447	INTERGENIC			
CaPOPI_II_993	Ca8	14218237	TCTCCACAAATGCAAGG AAA	AAGCCTGGCCCACTAA TTT	59.25	465	INTERGENIC			
CaPOPI_II_994	Ca8	14647157	TTGCTTGTCATGACGT AGG	TCTGCAACGAAGATTAA ACCAA	59.72	297	INTERGENIC			
CaPOPI_II_995	Ca8	14671445	CCTTCCCGATTGATCC TTT	TCGACAATTACATTTT ATCATCC	60.26	831	INTERGENIC			
CaPOPI_II_997	Ca8	15162330	TTCGTCGTGTAGGTCCA GTG	GGGAAACCCACCTCTTG ATT	59.75	757	INTERGENIC			
CaPOPI_II_999	Ca8	15580121	TCCTCAATTTTGAGCAC ACG	TGGACACCACACTTCAA ATCA	59.84	657	INTERGENIC			
CaPOPI_II_1213	scaffold158	131634	GTGACTGGTGACTGGG GACT	TTATGCCTGCTGTTCTG CAC	60.01	227	INTRAGENIC			
CaPOPI_II_580	Ca5	18683897	ATGGCCGTCTTAGTTG GTG	GTACAAAGGGCAGGGA CGTA	59.99	395	INTRAGENIC			
CaPOPI_II_1004	Ca8	15694311	CCGTCTCTTTCACATGG GTT	AAAGGCTCGGGTCAGT CATA	59.97	438	INTRON	Ca_17876	A	
CaPOPI_II_1013	scaffold10227	6464	GGGAACGTGAAGAACTC AGC	TGCAACAACCACAACCA CTT	59.85	518	INTRON	Ca_28086		bHLH
CaPOPI_II_1019	scaffold1047	313122	AAAATTCCACACGTCCG AAG	TCAAAAGATCGCAGTTG TGTG	59.97	354	INTRON	Ca_17199	I	
CaPOPI_II_1052	scaffold1135	14111	TCTGGCACAATGAATTC AGC	CACTCGACAATTGGGAG GTT	59.99	532	INTRON	Ca_26843		SAP
CaPOPI_II_1077	scaffold1202	179607	AATAGGTAGCACGGTGT GGC	TCCCTTGCCTACATTGT TCC	60.02	814	INTRON	Ca_24666		

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1080	scaffold1215	41563	CCCTTCATTTCTTCGC ATA	GAAGCAGGCTTCGATG GATA	60.03	415	INTRON	Ca_28164		G2-like
CaPOPI_II_1087	scaffold127	270423	GCCACATATCTTGTG CCT	TTCAAGCACATACTGCA CCAG	59.96	687	INTRON	Ca_26800		
CaPOPI_II_1151	scaffold1418	21418	GCCATAATTGCTTCTGC AGTTT	TGCGGGTGTGGTAAGT CATA	60.62	235	INTRON	Ca_25261	QR	B3
CaPOPI_II_1152	scaffold1418	38513	CTTCCCTAAAGCCCAA TCC	TTGCTCCCTTTACTCAT CTGC	59.90	811	INTRON	Ca_25262	S	
CaPOPI_II_1294	scaffold1866	62792	TTGCTCTACGTATCTC CCG	TTAAGTTGGTTGGGCT TGG	60.23	855	INTRON	Ca_26041	R	
CaPOPI_II_131	Ca1	46831943	GTGGTTGGTTTGCAAGA GGT	AACTGGGTGAGAGCCT GAGA	60.01	725	INTRON	Ca_25116	U	
CaPOPI_II_1337	scaffold202	61873	CAGCCCTTGAATTCGAT CAT	GCTGTTTGGCTCAACCA TTT	60.04	331	INTRON	Ca_27125		
CaPOPI_II_1358	scaffold2170	5002	GCAAATCAAGTTGCAG TCA	ACACTCTAATGGGGACA GCG	59.85	222	INTRON	Ca_26928	YU	
CaPOPI_II_1359	scaffold2170	5357	CGCTGTCCCCATTAGAG TGT	GTTTGCCAATTAGGGCA CAT	60.13	387	INTRON	Ca_26928	YU	
CaPOPI_II_1360	scaffold2170	12258	TGCTTTGTCAATTGCT TGC	GGAGTCCCGAAAATT CAT	60.00	531	INTRON	Ca_26929	O	
CaPOPI_II_1361	scaffold2170	14347	GCTCATTCTTGTCCTCA AAA	GCCTCTGCTAATTGGTC TCG	60.05	583	INTRON	Ca_26929	O	
CaPOPI_II_1377	scaffold227	135497	CTTGATGTGGTAGCC GTTT	GGTCTGTGGTGGCTTT TGT	59.99	651	INTRON	Ca_25190		
CaPOPI_II_1378	scaffold227	140947	ACCCTTTTGTCCACAC GAG	TACGGATGTTGACGCAA TGT	60.01	511	INTRON	Ca_25190		
CaPOPI_II_139	Ca2	3009059	ATTCGCTTGCCTCTTTG GTA	CCCGAAACTTTCTGTGC ATT	59.85	658	INTRON	Ca_10544	G	
CaPOPI_II_1390	scaffold2356	138194	CCTGAACTGTTGTCTG GCA	CCAACAACATCAAAATC ATCG	59.87	687	INTRON	Ca_24344	Q	
CaPOPI_II_141	Ca2	3042033	TGCCAAATCATGCGTTT TTA	CTCTGATGCGAAGGTTG ACA	60.07	100	INTRON	Ca_10543		

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>babali</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1442	scaffold2748	27802	TCTCGTTTAGATCGTCC GCT	TGGAATCTTCTCCAAT GCC	59.98	551	INTRON	Ca_28188		
CaPOPI_II_1467	scaffold290	206705	TCCCTCTTTTCAAGTCA ACTCA	TCGCTCTAGGCTAATCC AACT	58.96	318	INTRON	Ca_19830	F	
CaPOPI_II_1478	scaffold2950	8204	TGGTCAGAATGGGCTTT ACC	TTGAGAAGGGCCAGAA GAAA	59.93	506	INTRON	Ca_27517	L	FAR1
CaPOPI_II_1479	scaffold2950	10165	AGTTGTTTGATACACC GGC	AGTGCTGTGGCTGGAC CTAT	59.86	662	INTRON	Ca_27517	L	FAR1
CaPOPI_II_1480	scaffold2950	10696	TGATGATATCAGGCAAC GGA	TGTCCCCACAGGTAGCT TTC	60.03	588	INTRON	Ca_27517	L	FAR1
CaPOPI_II_1512	scaffold3134	15211	CCTGGTTGAGTCTGGAT AGCA	GCATTGGCGTATCTTGT TCA	60.26	874	INTRON	Ca_27104	O	C2H2
CaPOPI_II_1516	scaffold3155	24057	TGCATATTTTGAAACGA ATGACA	TGCAACCATCGGTTAAA ATG	60.36	505	INTRON	Ca_27114	R	NF-YB
CaPOPI_II_1667	scaffold4511	38356	AATGCCCCACCCATAATT TCA	CTGGGCAAGGGATCTG AATA	60.02	642	INTRON	Ca_28219		Trihelix
CaPOPI_II_1668	scaffold453	80166	AATTTAAACCGGCCAAA ACC	TCACTCATAAATATCCT CATGGACA	60.06	578	INTRON	Ca_21728		MYB_relate d
CaPOPI_II_1674	scaffold466	169717	CTTTCGTGCCCTTGATT TGT	CGTGGCCTATCGATCCT TTA	60.11	740	INTRON	Ca_25699		
CaPOPI_II_1675	scaffold466	170442	ACCCTTTTGTCCACAC GAG	AAGCTGACTTCGTTGG CTA	60.01	270	INTRON	Ca_25699		
CaPOPI_II_1693	scaffold4777	118728	AACGGTTTGGTTTGATC TGC	ACGTCGTCAAACAGATG CAC	59.98	231	INTRON	Ca_26711	R	
CaPOPI_II_17	Ca1	5803481	GTCATGAGTTCCCTAC CCA	GTCAGGGGCTCGTGTA TGAT	60.07	560	INTRON	Ca_00671	O	FAR1
CaPOPI_II_1734	scaffold530	10667	ACCAAATTTGTGCAACC AGC	TTGAGTGTGAGTGCCA GGG	59.98	342	INTRON	Ca_27188	J	
CaPOPI_II_1735	scaffold531	11911	ATTCCATTTGGCATGCT TTC	TTTGGGTACAAATCAG AAAATTG	59.91	892	INTRON	Ca_22388		
CaPOPI_II_1749	scaffold553	325514	ATCGGAAGTTGGACAG GTTG	TGGCAAATCAGCAGAGA CAC	59.97	317	INTRON	Ca_19934	L	

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of kabuli genome	Kabuli gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1756	scaffold571	18167	CCTCACGGTTTCAATTG CTT	CTTAATGCACAGCCTAC CCC	60.11	670	INTRON	Ca_27520	T	NAC
CaPOPI_II_18	Ca1	5804081	AATAACACGGGCACAAG AGG	AGGTCCACCAGGTTTGT CAG	59.99	457	INTRON	Ca_00671	O	FAR1
CaPOPI_II_1868	scaffold6903	5314	GCACACCACAACAAAT GGA	GCATCCTCTGATTGTTT GGG	60.41	458	INTRON	Ca_28223		
CaPOPI_II_1880	scaffold716	135403	TGATCATATAAAAAACAA TGCTCACA	TGTGCAAGATTCTGTT CCA	59.82	410	INTRON	Ca_24965		bHLH
CaPOPI_II_1902	scaffold731	374028	TCCTTGGGGTGATCTCG TAG	ATGGACGGTAGTTGGA GTCG	60.07	222	INTRON	Ca_23820		
CaPOPI_II_1903	scaffold731	390482	TATCATAGGCCGTAGGC CAG	TTATTCGTCCAATTCCC TCG	60.07	482	INTRON	Ca_23820		
CaPOPI_II_1904	scaffold731	392660	GAACGACGGAACCTGT GAAT	AGGAAGCCCAAGTTCCA AAT	59.97	665	INTRON	Ca_23820		
CaPOPI_II_1953	scaffold811	159571	TTGCAACATGCTATTTC CCA	TGGGTGCTATTTGCAAT CAA	60.07	613	INTRON	Ca_27462		
CaPOPI_II_1998	scaffold9	34748	GGACAACTACCCCTCC TTTTC	TCTTCCCCCATAAACCA ACA	60.22	317	INTRON	Ca_27384		WOX
CaPOPI_II_2018	scaffold93	338023	AAACTTGCAAGCCATT CAG	TTTGAGAAATATGCTGG GGC	60.25	876	INTRON	Ca_23073	L	GRAS
CaPOPI_II_2039	scaffold959	57749	AAGGCGTGCATATCCA TAC	TGTTGTCAAAATGTCC CAA	59.81	553	INTRON	Ca_27234		Trihelix
CaPOPI_II_212	Ca2	30622722	CTTGGTCAGAATCACGG AGC	CACGTTGACCCTTTTGT TCA	60.80	380	INTRON	Ca_12490	R	
CaPOPI_II_213	Ca2	30665443	TCATGGTGGACCGTAAT CTG	CTACTGCCTTGGATTCC TTTT	59.37	403	INTRON	Ca_12489	QI	bHLH
CaPOPI_II_217	Ca2	31882952	TTTCTGGTGGGATCAGC TCT	GACATCCTGCGCCAGTT ATT	59.80	591	INTRON	Ca_17830	D	LBD
CaPOPI_II_218	Ca2	31883010	TTTCTGGTGGGATCAGC TCT	GACATCCTGCGCCAGTT ATT	59.80	591	INTRON	Ca_17830	D	LBD
CaPOPI_II_219	Ca2	32127033	TGCAAGTTGTGATGGGT TGT	TGTCTGTTCTGCACGGA GTC	60.01	650	INTRON	Ca_17812	O	

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kaluli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_272	Ca3	6386934	TGTACGAGAAGGTCGTG TGC	GCCCAACAGCAAGCTAT TTC	59.91	574	INTRON	Ca_24834		Trihelix
CaPOPI_II_289	Ca3	14653349	AGGAGCTTCTGCCATTG AAA	TAAAAGGAGCAAAGGCC AGA	59.96	408	INTRON	Ca_22505	O	
CaPOPI_II_321	Ca3	21635589	AAGCATGCCAAACAAA AAC	TGAACATCAAAGATCTG CGG	59.98	521	INTRON	Ca_09516		
CaPOPI_II_328	Ca3	26071877	TGCTCCAATCACGTTGA CAT	AGACGCTGCAACATCAA AGC	60.12	397	INTRON	Ca_08292		MYB_relate d
CaPOPI_II_329	Ca3	26114282	TTTATCTGGGGACTTC GTG	ATACACCGATGGAGGG CTTT	59.93	838	INTRON	Ca_08292		MYB_relate d
CaPOPI_II_330	Ca3	26115029	TGGCATGGTACTCAACC AGA	TTCACATGAATGATTGT TG GGT	60.11	545	INTRON	Ca_08292		MYB_relate d
CaPOPI_II_338	Ca3	28994933	CAAATTAAGCAGAGCCC GTC	TTTTGGACAATGTCAAC CCA	59.85	165	INTRON	Ca_07207	KTDL	
CaPOPI_II_339	Ca3	28995118	CAAATTAAGCAGAGCCC GTC	CGGAATTTGAACAAAAC GCT	59.85	769	INTRON	Ca_07207	KTDL	
CaPOPI_II_340	Ca3	28999636	TCTGAATTTCTGTACCG CCC	GGGATAGGGCATGTGT GAGT	60.07	536	INTRON	Ca_07207	KTDL	
CaPOPI_II_354	Ca4	1677374	TCCAAACTAGTCCGACG TGA	AGCTGCTGGAGGAGTT GGTA	59.29	450	INTRON	Ca_07795		
CaPOPI_II_356	Ca4	2032547	TGCTGAGTTCGAGGAAA GGT	CACATCTCTTGTTCGCT CCA	59.99	517	INTRON	Ca_07822	D	
CaPOPI_II_357	Ca4	2035282	CGCGCCAGAAGTATGT GATA	TGGGCAGCTTAGACTG GACT	59.86	275	INTRON	Ca_07822	D	
CaPOPI_II_36	Ca1	21746056	CTATTGCCCTCCTCC TAC	TACCGATACCTCCAAGT GCC	59.92	585	INTRON	Ca_22116	S	
CaPOPI_II_363	Ca4	4891737	TGCCTTGATCGTTCCA TCA	TTCTGCTTTTCTTTCC GA	60.07	540	INTRON	Ca_03769	Z	NAC
CaPOPI_II_371	Ca4	8381452	CAATCCGTTAAGGACCT GGA	GATGATTCCCTTGCTGG AAA	59.93	388	INTRON	Ca_08327	KL	
CaPOPI_II_372	Ca4	8441953	AGCAGGAGAGCTGAGA TTGG	TACTGTGTATCGGGGCA ACA	59.70	731	INTRON	Ca_08335	R	

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_373	Ca4	8497257	AGCGTGAGAGGAACCT GTGT	GA CTGGCAACAGCAATT TGA	59.91	564	INTRON	Ca_08341		CPP
CaPOPI_II_374	Ca4	8698891	AAGCTGGCCACTGTAAG CAT	TCACAATCTCGACAACC CAA	59.90	246	INTRON	Ca_08365	G	
CaPOPI_II_394	Ca4	17081756	TACCGGAAGATTCGGAA ATG	CTGCAGGTAAGCATCCC AAT	59.89	694	INTRON	Ca_05415		
CaPOPI_II_397	Ca4	17286686	TGCATTTTCATGCCTTTG CTA	TGATTAGCCCGTATTTT GGG	60.36	648	INTRON	Ca_05393	R	
CaPOPI_II_399	Ca4	17318086	CTCAAAAGTGGGATAGG GCA	ACAGCGTGAAACAAGAT CCC	60.07	429	INTRON	Ca_05390	M	
CaPOPI_II_400	Ca4	17431572	TCTGTCAATTCCTGCCAT TTTT	TCGCAATGTAGCTCCCT CTT	59.56	858	INTRON	Ca_05384	K	
CaPOPI_II_405	Ca4	18121565	GCTGCACCATGAGATCT TGA	ATGGTGCTGGAAGTTG CTTT	59.95	440	INTRON	Ca_18652		
CaPOPI_II_451	Ca4	27376069	ATCCTCTCCATTCCTTG CCT	TTGCTTTTCACAGTCCAA TGC	60.04	304	INTRON	Ca_21323		
CaPOPI_II_469	Ca4	30537523	TTTGATTGCCATTGTAT CCG	CAAAATGGAAATGCAAG AACAA	59.38	803	INTRON	Ca_14204		NAC
CaPOPI_II_474	Ca4	31303190	GAGGTCCCGTCCAACCT AAC	TCAGCACCGAGAGTGT CAAC	60.75	488	INTRON	Ca_14231		bHLH
CaPOPI_II_478	Ca4	31649942	CGTGCCCTGCAGGTATT TAT	ATTGACCGGTGGAAGA CATT	59.98	454	INTRON	Ca_15442	U	EIL
CaPOPI_II_512	Ca4	42120439	CACAAGCATTGGAGTCC CTT	AACTCGTGGTTGGATT TTG	60.11	495	INTRON	Ca_10910		C2H2
CaPOPI_II_520	Ca4	47982672	CCAAACTCCAATCAAAT GGG	CAAATGAGAATTTTCTG GGCA	60.16	483	INTRON	Ca_10790	U	ARF
CaPOPI_II_522	Ca4	48576925	ATCTCACCCCAAGACAA CCA	TCATTCCAGAAGGAGAT GGG	60.36	211	INTRON	Ca_23007	P	
CaPOPI_II_531	Ca5	291054	TGCTTCATATGCTTGAC CACA	TGGTGCTTCTTTGGCTC TTT	60.27	476	INTRON	Ca_18185	R	B3
CaPOPI_II_54	Ca1	29636835	TCACAAATCTCAACCCT CCC	ATCAGTTGGAGCCTGGT TGT	59.90	497	INTRON	Ca_24382	AR	

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>katuli</i> genome	<i>Katuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_55	Ca1	29637072	ACAACCAGGCTCCAAC GAT	ATGCTGCCAGCCTACAA AAT	59.58	503	INTRON	Ca_24382	AR	
CaPOPI_II_593	Ca5	25600693	CGTGCACATTCACGACA AAT	TTGCTGTACTTGGTTGC TCG	59.76	801	INTRON	Ca_09030	E	
CaPOPI_II_60	Ca1	29848026	TCCTTTCATCAGGCCCA ATC	GGAAAGTGAGGGAACC AATG	60.01	228	INTRON	Ca_24388		
CaPOPI_II_617	Ca5	38016624	ATCCTCGAGAAGGAAGG AGC	CCTTTCCCTCCAATGT CAA	59.92	276	INTRON	Ca_01419	A	
CaPOPI_II_620	Ca5	39557215	GCAAAAAGGGGCACAAT AAA	AATGTCAATCCTCCATT GCC	59.94	357	INTRON	Ca_07489	TBLD	
CaPOPI_II_622	Ca5	41678103	CAGTGGGTCCTCTTCCA CAT	CCCGAACTCCTGTTACT CCA	59.96	551	INTRON	Ca_19215	J	C3H
CaPOPI_II_634	Ca6	1491943	TGGTTTTCGTACCGGAC TCT	CAATGTCATCAAATAGC GGC	59.59	772	INTRON	Ca_27033	H	
CaPOPI_II_635	Ca6	1492728	TTGTTGTTTCAACGGTG CAT	ATGGTTGGGGGATAAAA AGG	60.01	651	INTRON	Ca_27033	H	
CaPOPI_II_645	Ca6	1978360	CGTGGAGCATTCGAGT ATT	GGAGTTAGGGCGTGTG ATGT	60.10	575	INTRON	Ca_10322		
CaPOPI_II_648	Ca6	2674985	GAAACTTCGTGCCTTTT TGC	ACGATAGTAGATGTGGC GGC	59.87	152	INTRON	Ca_10401	V	
CaPOPI_II_667	Ca6	8796967	GCCAAACAATAGTTGAA ACCAA	AACGTTACGCATGAACC TCC	59.03	588	INTRON	Ca_16754	E	
CaPOPI_II_68	Ca1	31592114	TCAGCTGCAGTTCCAAC ATC	GCACAAGTCCTTGAGGA AGC	59.99	375	INTRON	Ca_21868	F	
CaPOPI_II_683	Ca6	16547931	TTCCTTCCTGCTCGTGC TAT	TTCTTTGGCTGAAATGG TCC	59.98	640	INTRON	Ca_06284	A	
CaPOPI_II_691	Ca6	23042823	CAACGATCTGCACCACA CAT	GGTGCAGCAAGTGAGC AATA	60.60	665	INTRON	Ca_11143		ERF
CaPOPI_II_692	Ca6	23042981	CAACGATCTGCACCACA CAT	GGTGCAGCAAGTGAGC AATA	60.60	665	INTRON	Ca_11143		ERF
CaPOPI_II_694	Ca6	23642077	GATTACCATGGTTGGGA TCG	CAATTCGGTGCTTGT CCT	60.01	137	INTRON	Ca_11091	R	

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kapuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_72	Ca1	33336930	CAATGGCAACAAGGTCA ATG	TCACATCTGTTGGTAAC GGG	59.96	856	INTRON	Ca_19441		MIKC
CaPOPI_II_738	Ca6	35719325	TGCATCGTTTTTCATCTT TCA	GCGGCTAATTTCAACCA AAT	59.29	630	INTRON	Ca_15773		
CaPOPI_II_77	Ca1	35281570	ATGACACGTCATTCGTT TCG	GGTTCGAGACATCCATA ATTCA	59.57	733	INTRON	Ca_26099	QI	bHLH
CaPOPI_II_773	Ca6	53305336	CAAGATTCGTGGTGCA AGA	TTGAGGACAAAAGCTGC TGA	59.84	660	INTRON	Ca_22925	G	
CaPOPI_II_78	Ca1	35281940	AAACGTGATCTATACAG TTTCCAAAA	TTACATCTGGAAACAA CGC	59.44	529	INTRON	Ca_26099	QI	bHLH
CaPOPI_II_806	Ca7	2168224	TTCTGAGATTGGCAAAA GGG	CGCGATCGTTCCTGAT ATG	60.18	820	INTRON	Ca_03253	P	
CaPOPI_II_807	Ca7	2169903	CAGGGCCTTACTGCTAC AGG	CAACGGAAAACATCGTT CAA	59.89	397	INTRON	Ca_03253	P	
CaPOPI_II_854	Ca7	21745626	ATAGGGCCCATTTTACA GCG	CCAGTTGCCCTGTCCAT ACT	61.17	455	INTRON	Ca_14522	O	MYB
CaPOPI_II_886	Ca7	30208302	TTGGACGATGTGGATTG AAA	CCATCTCAGCATGTGTT TGG	59.90	642	INTRON	Ca_11706		
CaPOPI_II_887	Ca7	30208770	CCAAACACATGCTGAGA TGG	CTTCCTTTGCACGACCG TAT	60.11	707	INTRON	Ca_11706		
CaPOPI_II_895	Ca7	32601479	CAGCAACAGCGCAAAGA TTA	GGATGACAAAGAAAGG CCAA	60.16	543	INTRON	Ca_10025	TU	
CaPOPI_II_905	Ca7	34187425	AGGTCTGGATTCGTGGT TTG	ACATCCGTGCAAGGAAA AAG	59.97	646	INTRON	Ca_21004	S	
CaPOPI_II_925	Ca7	42757617	TTTGCTCTGAAAGCCCA AAT	AGTTCTGCAACTCCGA AGA	59.82	527	INTRON	Ca_20201		
CaPOPI_II_936	Ca8	6492029	TCTGTTTTGCCCAACCT TTC	ATCTCAACGATCCAACG GTC	60.09	455	INTRON	Ca_10739	D	
CaPOPI_II_939	Ca8	7777713	TCCAGTGGCACCATAAC AAA	CTCCCAAGAACCCTTCT TCC	59.96	744	INTRON	Ca_10607	Z	MYB_relate d
CaPOPI_II_962	Ca8	9960024	CCATTGGGATGTTTGCT TTT	GCTCATGTGGTGGTGT TTG	59.80	280	INTRON	Ca_18395		

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_978	Ca8	12016131	CAACTCTCGTCGCAACT CAA	ATGCAACTTGGGAATTG GAG	60.18	362	INTRON	Ca_23846	T	
CaPOPI_II_996	Ca8	14751128	TGATGCGTTGATAGTGT TGG	GGCACTTGGTTGGTCTT CAT	58.13	619	INTRON	Ca_12994		
CaPOPI_II_1050	scaffold1120	11138	TTCATCCAAAGAATCTG GGC	TGCAAGAGGAGTGCCT TTCT	60.01	486	URR	Ca_27900		
CaPOPI_II_1169	scaffold1452	29738	GAAGCCTTTTCAGCAGG TTG	TAGTGTGCCACCACTCC AAA	59.99	648	URR	Ca_27551	R	ZF-HD
CaPOPI_II_1276	scaffold1810	98576	TGACGATACGAAACGAT GGA	AGCGATGCATGTCTCAA GTG	60.07	430	URR	Ca_26004		
CaPOPI_II_1325	scaffold2010	6749	TTCCCTTTCGTTGTGTA TCG	GGGCACCGATGTTACAT AAA	58.62	857	URR	Ca_27976		
CaPOPI_II_1326	scaffold2010	7925	AAAGTGCCTTCTTCTTG GCA	ATGTTTTCTTTGGGTT GCG	59.99	564	URR	Ca_27976		
CaPOPI_II_1338	scaffold202	103994	AAATTGCTTATTTAGTAG TGTCATCG	AACCTAGCAAAACCCAA AACA	58.49	409	URR	Ca_27127	A	
CaPOPI_II_1339	scaffold202	104373	TGTTTTGGGTTTTGCTG AGTT	TGGATGGATTGGATGAA TGA	59.64	180	URR	Ca_27127	A	
CaPOPI_II_1393	scaffold2368	59799	CTCCAAATCCCAATCTC CAA	CTCACTGTCAAGGTGCC GTA	59.86	725	URR	Ca_26721		MYB
CaPOPI_II_1497	scaffold3019	20892	TGCATGAGTTGTTAAGG CGA	TATGCAAAACGGGACTT CCT	60.40	582	URR	Ca_28069		
CaPOPI_II_1530	scaffold3258	34164	GGGTTTGCTTACCGAAC TCA	TACGGAAAATTACCCAC GGA	60.11	375	URR	Ca_27898		
CaPOPI_II_1669	scaffold453	497792	GCCGTGATTTGAAAAA GAA	TGTCAGTTTTGAGCCCA ATG	60.05	479	URR	Ca_21748		
CaPOPI_II_1670	scaffold453	498751	GCCCCTCAAAGATAACC CAT	GACCATGATTTCTTACT AGCCGTT	60.15	838	URR	Ca_21748		
CaPOPI_II_1889	scaffold724	126741	TCGCACTTCAATATGCT TCG	AAAGGCCATGCAAGAAG AGA	59.98	851	URR	Ca_25052	Q	NAC
CaPOPI_II_1921	scaffold7650	9735	TATGGCATTGTGGTGCA CTT	GGATTAAAAATTGGAATT GTTCAAGA	60.00	482	URR	Ca_27809	O	

INDEL marker IDs	Chromosomes/ unanchored scaffolds	Physical positions (bp)	Forward primers (5'-3')	Reverse primers (5'-3')	Annealing temperature (0C)	Expected amplified product size (bp)	Structural annotation		Functional annotation	
							Sequence components of <i>kabuli</i> genome	<i>Kabuli</i> gene accession IDs	NCBI-KOG	TFs
CaPOPI_II_1922	scaffold7650	9922	CCGCAATTATATCTGCG ACA	AGTTCAAAAATACGCGG GTG	59.69	857	URR	Ca_27809	O	
CaPOPI_II_1945	scaffold7923	25395	AAAATATGCCATTCGAT CAAGA	AAATGGCTTGTTATGG CTG	58.59	200	URR	Ca_27507	QI	bHLH