

Table S2: Summary of 496 including 343 genic and 153 genomic microsatellite markers genotyped in 94 annual/perennial cultivated and wild *Cicer* accessions using gel-based assay and fluorescent dye labelled automated fragment analyser

Marker IDs*	Microsatellite repeat-motifs	Forward Primer sequences (5'-3')	Reverse Primer sequences (5'-3')	Actual annealing temperature (OC)	Size (bp) of alleles amplified	Types of markers	Chromosomes	Physical positions (bp)	Putative functions
CaSSR1	(TTA)5	CCTCGCCAAATAATCTCAGG	CCGAAGAGCAGAGGAAGATG	60.1	259	Genic	Ca1	203295	Zinc finger C-x8-C-x5-C-x3-H type
CaSSR2	(TTA)8	TGATGATTATTTGCTTTCCTC	GCAACTAGAAAGACGCTGATAA	54.4	152	Genic	Ca1	203312	Zinc finger C-x8-C-x5-C-x3-H type family protein
CaSSR3	(TCT)7	ACGGTCAGTGAGCTGCTTCT	TCCCAATCCTAGCTACCACG	60.1	151	Genic	Ca1	317669	Pseudouridine synthase family protein
CaSSR4	(TCTCAT)4	GGTGTACTGATTTCAATGTT	AGGAGCATCTTCTTCACTTTC	54.4	156	Genic	Ca1	389097	TCP family transcription factor
CaSSR5	(ATTCTC)5	CAACAACAACAACAAGAATCA	GTTTGAAGAAGGTTGTTGGAT	54.7	153	Genic	Ca1	390435	TCP family transcription factor
CaSSR6	(GA)11	TCAAAGAACCAAAATTCGAACA	CGGTTGATTGATAATTCTCGTG	59.6	153	Genomic	Ca1	472339	
CaSSR7	(CAT)5	AACCTCTTCTTTACACCTTGC	GGGGATATGATCCAGCCTTT	60.1	279	Genic	Ca1	505905	KT2, a photosynthate- and light-dependent inward rectifying potassium channel
CaSSR8	(ATAAA)9	TGCTGCCAACAACTTAGCA	GGCACCTTTCCTTGTACTGG	60.6	202	Genomic	Ca1	1145423	
CaSSR9	(AT)8	GGCTGTGTTGGTTGTGTTG	TTGCATGCTTTTACCAACC	58.7	180	Genic	Ca1	2046119	Putative secretory carrier membrane protein (SC3).
CaSSR10	(AAC)6	TGGGTTTGAGTTCTAAACAAG	CATTTACAGCTTCTGATTGT	54.6	151	Genic	Ca1	2346126	Dof zinc finger protein adof2.
CaSSR11	(GAG)6	GGAAGCAGAAACAGTAGAGGT	TGTTCTTCTCCTCTTTAACCC	55.3	165	Genic	Ca1	2631745	zinc finger domain containing protein
CaSSR12	(TCT)6	GAAGCATCGTCTTCCCTGAG	AATCGTTGGCGTTGTTTCTC	60.1	192	Genic	Ca1	2994601	RNA helicase family protein
CaSSR13	(GGAAGT)3	ATAATGGTTACTTTCGGAGGA	TCTTCTCGTGTTCATGTTCT	55.4	151	Genic	Ca1	3235738	sequence-specific DNA binding transcription factors
CaSSR14	(AT)9	TTGAACCCCAAAATCTCAGC	AAAGATGGTCCATAGTGAAGCAC	60.1	237	Genomic	Ca1	3688143	
CaSSR15	(GA)18	GTTAGGGGCCAATTTGAAC	GATGGCTTACGACCTTGTT	60.5	210	Genomic	Ca1	4097905	
CaSSR16	(CTGATT)4	CGCAGATTATATCTCACGGTA	CTATACCGTTTCAAATCCAAA	55.6	148	Genic	Ca1	4865629	BSD domain-containing protein
CaSSR17	(TTG)4	AAAACAAGGAACCAAGAAG	ATCTCCTCTATCATTGGTGGT	55.3	126	Genic	Ca1	5666044	nuclear coiled-coil protein related to the carrot peripheral nuclear protein NMCP1
CaSSR18	(TCT)6	TACCCAGATGAGATCTACGAA	GGATGGTATCACTGTTTGTGT	54.9	152	Genic	Ca1	6750597	myb-like HTH transcriptional regulator family protein
CaSSR19	(AT)14	CACATTTGTCATTTTGiAACAGCA	TGAGTTGGGAGGGGAGACTA	60.0	259	Genomic	Ca1	8867063	
CaSSR20	(ATG)5	AATTCAGGTCCTACAAAATCC	GAGCAGTGTGCCTATGATATT	54.8	151	Genic	Ca1	9791574	Glabra 2, a homeodomain protein
CaSSR21	(TCATGA)4	ATCATCATGAAGCATCCATAG	TATCGGATATAGCTTTTGCAC	55.1	156	Genic	Ca1	10682877	Involved in radial organization of the root and shoot axial organs
CaSSR22	(TCATGA)4	ATCATCATGAAGCATCCATAG	TATCGGATATAGCTTTTGCAC	55.1	156	Genic	Ca1	10682877	Involved in radial organization of the root and shoot axial organs
CaSSR23	(AATAA)4	CCTTTTGGGTTCTTATGATT	ATTACACGAAGGATGAATTTG	55.0	151	Genic	Ca1	10893797	putative transcription factor
CaSSR24	(CAA)6	CCTTCACCTATCCCACTGGA	TGGGCCAAAGTGATAAGAC	59.9	249	Genic	Ca1	11011602	Protein kinase superfamily protein
CaSSR25	(AT)11	AATCATAACCGATAACAAAACCTCAT	TCATTAGACTCCAACAATTCATAGAC	57.3	268	Genomic	Ca1	11261320	
CaSSR26	(TAT)8	AGAAGAATCCAATCCA AAC	GAAGCCTCTTCTCCTGATAC	55.0	148	Genic	Ca1	11285919	GRAS family Protein, transcription factor
CaSSR27	(CAA)6	CCACCTGTACTATTCTTCA	AAGGAGAATCAGAACCTTCCAC	55	151	Genic	Ca1	11897074	DUF1635
CaSSR28	(GAT)6	ATGAGTCAAAGCCATAGTCAC	TTCTTCTTCAGTTGGATGAAA	55	153	Genic	Ca1	11899747	NAC
CaSSR29	(CTC)4	CTAAAGAATGGAATTGGGATT	CTCGTTTGTGCTCTATTGT	55	150	Genic	Ca1	11902768	SBP
CaSSR30	(AT)12	GTTGGTGCCAACATGCCTAT	TGAACCGTGTTCaAAACCT	60.8	163	Genomic	Ca1	11960068	
CaSSR31	(CTT)9	TAAGTTGTGGCTGTGAGAGAT	GCATGAAAATTCAGAGAGAAA	55.0	157	Genic	Ca1	12928971	GLK1, Golden2-like 1
CaSSR32	(GAA)9	TGAGGATTCAAATGTTAAGGGG	TTCAGCAAGCAATGCAAAATC	60.0	255	Genic	Ca1	14140590	Homeodomain-related
CaSSR33	(AAC)5	TCCTTTTGGTGACACTACAAATACA	AAAAAGAGACGCCAATTCACG	60.2	277	Genic	Ca1	15231892	Eukaryotic aspartyl protease family protein
CaSSR34	(AAT)7	ACCTTATCAATGATTGCTTCA	CAAGACAAAGAGGAAATTTGTG	54.9	154	Genic	Ca1	15378933	putative transcription factor
CaSSR35	(AG)10	GTTCCGAATTTGCGATCACT	TTTGCCGTTTATGGTGATAA	60.1	200	Genomic	Ca1	16531210	
CaSSR36	(AG)13	GAACCTGACGAGGAAGTTGG	ACATCTCCGAACTCGACCAC	60.1	165	Genic	Ca1	16618090	putative TRAPP1I tethering factor

CaSSR37	(TAA)7	TGAGATAATGGAGCTTGAATC	AGCTTGTGAAGTGACACAGT	54.5	152	Genic	Ca1	20106435	basic helix-loop-helix (bHLH) DNA-binding superfamily protein
CaSSR38	(AAG)5	TTTCTCACTTCAAAGACCCA	ATTTGACGAACTCCAACGG	60.0	252	Genic	Ca1	21017902	IQ-domain 22 (IQD22)
CaSSR39	(ATC)5	AAGACCAATCATCAAACCGAA	AAGCTTGTGCAGGGAACACT	59.9	172	Genic	Ca1	21506732	YABBY family of transcriptional regulators
CaSSR40	(CT)12	GCGATCTCTCGAAAACCTA	GAACGCAAACCACATGATTG	60.0	159	Genic	Ca1	21752019	ENSANGP00000022085 related
CaSSR41	(TA)12	TGAGAGAGGAAAAaCaGATTGAGA	CACGGATCTTGTGAGTGACC	59.5	141	Genomic	Ca1	30671033	
CaSSR42	(TCT)10	GCCATCTTCTACTTCCGCAC	AATTCGAACTCACCACTCGG	60.1	231	Genic	Ca1	31527936	putative protease SppA (SppA).
CaSSR43	(TC)7	TGAGAACAAGACCAGAGTCAC	GCATTGTCTTGAATCTCTC	55.3	144	Genic	Ca1	37689960	Possible function in phloem development in the root
CaSSR44	(CT)8	CCTCTCAAACCATCCTCACA	TCTCGAGCGATCCATCTTTT	59.9	201	Genic	Ca1	43729171	Trypsin family protein
CaSSR45	(GGA)7	AGAGAAGAGAGAGGGTCCGG	CGACTTCGAGTCCCGTCTTC	60.0	184	Genic	Ca1	43894448	TT_ORF1, TT viral orf 1
CaSSR46	(AC)6cct(C)15	AAACGGATCAATGCGAGAAG	CATTACATTGTCATTTGGCCC	60.2	279	Genomic	Ca1	46935324	
CaSSR47	(AT)8	CTACCTTATGGGCACGCAAT	AGCCAATTTGGTGTTgGAAG	60.0	265	Genomic	Ca1	47131694	
CaSSR48	(ATTTT)4	AGGAATTAAGGTGATGAAAGC	GTTTAAACAAGACGGACCAAT	55.2	164	Genic	Ca1	47290885	BES1/BZR1 homolog 4 (BEH4)
CaSSR49	(TAA)7	CATGGAATTCGGTGCTACT	GACGGTGAGCTGCATGAAA	59.9	112	Genic	Ca1	48129325	TCP family transcription factor
CaSSR50	(GA)13	ATGGAGGCGAATATATAGGAG	TTTTAAGAAACAACCTGCGTTC	55.1	151	Genic	Ca2	354109	LOB domain-containing protein 41 (LBD41)
CaSSR51	(GAT)6	GGAATTTTGGTGATGATTTTC	CAACATATGAAGGAACACACA	56.0	149	Genic	Ca2	1133300	WRKY Transcription Factor
CaSSR52	(TTC)11	GTCCCCGCAGTTACTGTTA	GTAATTTGAAGCCGTCGT	60.0	218	Genic	Ca2	1588490	Protein of unknown function (DUF3531)
CaSSR53	(AC)6(A)10	TTGTTTCTCAAACCAACTACA	TGCTTCCATAAGTTCTCCCC	57.3	119	Genomic	Ca2	1754600	
CaSSR54	(AG)11	TGAGAAAAATTAGCACACAAAG	ACATATTCATGCTGTTGTTCC	55.0	143	Genic	Ca2	2409848	homeodomain leucine zipper class I (HD-Zip I) transcriptional activator
CaSSR55	(ATG)5	TTGAAGTGGTGATGGTGAA	GGGCACCTTATTAGCCCAT	60.2	169	Genic	Ca2	3226335	Glutaredoxin family protein
CaSSR56	(TTAA)3	CATCTATAAATGTGGCACAAG	GATGGAGTGAAGTTTGAGATG	53.4	128	Genic	Ca2	3236381	PRE1 (PACLOBUTRAZOL RESISTANCE1)
CaSSR57	(CACAAA)4	GGAGGTTATAACAACCAAC	GGCTTTGTTATGTTGAGGTT	53.7	150	Genic	Ca2	3451762	Mitochondrial substrate carrier family protein
CaSSR58	(TGT)5	CAGGAACCAAGATTGCAAGA	GGGAAAGAGTTCAAAACCCA	59.0	192	Genic	Ca2	3632977	SPX domain gene 4 (SPX4)
CaSSR59	(TCA)7	CAACCAAAAAGACAAGAATGA	GGCTCTTGATACCCTTACAAT	55.5	160	Genic	Ca2	4036035	a chloroplast trans-acting factor of the psbD light-responsive promoter
CaSSR60	(TCA)7	CAACCAAAAAGACAAGAATGA	GGCTCTTGATACCCTTACAAT	55.5	160	Genic	Ca2	4036035	a chloroplast trans-acting factor of the psbD light-responsive promoter
CaSSR61	(TGA)7	GGCTCTTGATACCCTTACAAT	CAACCAAAAAGACAAGAATGA	55.0	160	Genic	Ca2	4036194	a chloroplast trans-acting factor of the psbD light-responsive promoter
CaSSR62	(TAA)15	TAAATCCTCCTCCACACCG	GGATGGACACATACATgGGG	59.9	169	Genomic	Ca2	4037173	
CaSSR63	(GA)14	GCAAAAGACACATTTAGGGTTT	GTAGGTGCAGGCCCTACCTT	57.4	270	Genomic	Ca2	4570670	
CaSSR64	(CCA)11	ACATTGTTGGTCGTGTTTGC	GGGTGATGTTGGAAGGATGA	60.7	259	Genic	Ca2	6404844	Core-2/l-branching beta-1,6-N-acetylglucosaminyltransferase family protein
CaSSR65	(TA)11	GAACCCCTTcAACAAACGA	CGAGCCTCGTAAAAATCCAAA	59.9	158	Genomic	Ca2	6749922	
CaSSR66	(AT)11	CCCTTCACTTTCTCACATAAAGG	AAGCCCTGTAACCTCCAGTCG	59.2	195	Genomic	Ca2	8249226	
CaSSR67	(CTT)8	TCCTCCAACAACAACACCAA	AGGAGGAACCTTTGAAACCC	59.4	218	Genic	Ca2	9985718	Nucleic acid-binding proteins superfamily
CaSSR68	(TTC)6	AATGCCTTCACGAATTTGG	AGTTACTTCTCGGGGTTT	60.0	240	Genic	Ca2	10263909	Expressed protein
CaSSR69	(AG)12	TTCCAGATCTCCGGTAGGTG	ACTCTCCACTCTCCAACCA	59.7	209	Genic	Ca2	10330416	A basic helix-loop-helix encoding gene (BIGPETAL, BPE)
CaSSR70	(ATC)4	AGCAAAATTCATGCTACAAAC	TCCTAGTTCAATTCCTGATGA	54.8	151	Genic	Ca2	11661488	homeodomain leucine zipper class I (HD-Zip I) protein.
CaSSR71	(TC)10	TGGATCCATTTGGTTtGGAT	TTCTTCTCGTGCAGTCCGT	60.0	226	Genomic	Ca2	12299937	
CaSSR72	(GCA)4	CTTTAATCATGCCAGCTCTAC	TCCCTTTCTCTTCTCTTTTC	54.4	165	Genic	Ca2	14624000	AL4, Alfin-Like family protein containing PhD domain
CaSSR73	(TA)10	TGGATGAGCCeTTCTTGAAC	TGAAATTTAAATGGGTGCCA	60.2	182	Genomic	Ca2	14846317	
CaSSR74	(ATG)9	CAGGCCTTGTTTGTGAGGT	TTCTCCTCGATTTCAATGGG	60.0	206	Genic	Ca2	15235771	ABI five binding protein (AFP1)
CaSSR75	(TG)7(TA)8	TCGGAAAATTGAGAAAGTCTCA	GCAATGCTCCCTAATTGA	60.2	276	Genomic	Ca2	15920661	

CaSSR76	(AT)10	TGACCATTTCATTAGTCTCAA	GCCACCACACITTCATTTTT	59.6	246	Genomic	Ca2	17520553	
CaSSR77	(CT)8ttc(T)10	TCCGTTAATTTTGCTTGCT	CGTGCACTCAAACCATGA	57.6	248	Genomic	Ca2	18353310	
CaSSR78	(ACA)8	CTCAAACTCCTCCACGAAGC	TAAACACCCATCTTGTGCCA	60.0	270	Genomic	Ca2	19292063	
CaSSR79	(TGA)4	TGTCTCATCTGAAAAAGATTGA	TTGGTTTCTTCATCAACAACT	55.1	150	Genic	Ca2	23951109	auxin (indole-3-acetic acid) induced gene
CaSSR80	(TTA)7	AAGATTTACCGCATCACATATCTC	CCTCCTACCCACATTACCA	58.6	203	Genomic	Ca2	25670979	
CaSSR81	(CAA)4	AAAACAACAACCTTCAATGC	TCTCCAATTGTAACCATCATC	54.6	155	Genic	Ca2	26834137	plant WRKY transcription factor
CaSSR82	(TC)12	CATCTCTCTCACTCTCTTTCC	AGATATGGGTAGCAAACGAAC	53.2	200	Genic	Ca2	27694606	ERF (ethylene response factor) subfamily B-5 of ERF/AP2 transcription factor family
CaSSR83	(TGG)6	TCTAGGCCTGGAAAAATGGTT	TGATCCCATTTCTCTTTC	60.0	179	Genic	Ca2	27874806	Expressed protein
CaSSR84	(TTC)5	TCTTTGCTTTCACTCCCTC	GGTGAAGCGGTTATTGAGA	60.1	227	Genic	Ca2	28230844	Concanavalin A-like lectin Putative protein kinase
CaSSR85	(AT)16	TTGTCACCATTATCTCCACTC	CCAATATCTATTATCTTCACT	55.1	144	Genic	Ca2	29098865	protein disulfide isomerase-like (PDIL) protein
CaSSR86	(TC)9	AGCGATGAGAGCGAGTAAGC	TCTCTCCCAATTCACCATC	59.9	278	Genic	Ca2	29913078	protein affected traf#64257
CaSSR87	(CAG)7	TTGGTTAAGGATGTTCCCTCT	CTACCATCTGCTCTTGTCTTA	55.5	154	Genic	Ca2	30868340	CZF1
CaSSR88	(TA)11	AAAACGCAACACCACTCC	GTGaAATAATTAGCTCTGTATACCAT	60.0	237	Genomic	Ca2	31798047	
CaSSR89	(CAT)5	TGGAATGAaGAGATCcTCGC	CAAGTGGCAGCAGAAGTTCA	60.3	165	Genomic	Ca2	32013920	
CaSSR90	(GAA)11	CAAGTGAATGAATTCTCAAGC	CTCTCTTCTCTCATCTTCC	55.1	152	Genic	Ca2	32867739	EIN3 (ethylene-insensitive3)
CaSSR91	(GGT)4	CATGAACAACATCATCAACAA	CTCCACCACTACTGTACTCTG	55.3	148	Genic	Ca2	33605178	SH1 gene family protein
CaSSR92	(TG)11	GGGGTAAAgATTTCTCCACA	TCCATAATTGAGGATCTTG	60.2	225	Genomic	Ca2	33722683	
CaSSR93	(CTT)5	ACCATTTGGCATTGTTCCCTC	GCGAAACCTGGAGTTCTTGT	59.3	266	Genic	Ca2	33745627	CLAVATA1-related receptor kinase-like protein
CaSSR94	(GAT)10	GCAACAAAAGAAAAGGCAGC	TTCTTCTCTCTCTCTCTCC	60.0	195	Genomic	Ca2	34684799	
CaSSR95	(GAA)5	TTGAGCTGGAAGAAGGTCGT	CACTCCTCACATCCAACCCCT	60.0	118	Genic	Ca2	35079352	trigger factor type chaperone family protein
CaSSR96	(CCA)6	ATTGATGACTCCGATTTCCGC	ACCAGTTGTCTACCCCAAA	59.3	148	Genic	Ca2	35422305	RNA-binding (RRM/RBD/RNP motifs) family protein
CaSSR97	(CT)6ca(CT)6	AAAATGCACTTGTGTTTTGG	GCAACTTGATGCGAATTGAC	57.7	279	Genomic	Ca2	35431751	
CaSSR98	(TC)12	GATGGTCTGTGAAATGTGC	TCCGATTGAGATAAGGTCC	60.1	214	Genomic	Ca2	35754585	
CaSSR99	(TTCATT)4	AATGAGCTACTGCTGTCTTCA	CCAGCAAAGTAAAGAACTCAA	55.4	157	Genic	Ca3	80260	NAC domain transcription factor
CaSSR100	(TTTGAG)4	ATTCCACTTGTGCTGATAAA	CTAAAAATGGAGGAGGAAGAG	55.0	151	Genic	Ca3	80320	NAC domain transcription factor
CaSSR101	(TTC)4	ACGTTCAAGTATTGAACAAC	AAGGAAACCACTTCACTCT	54.7	150	Genic	Ca3	81357	NAC domain transcription factor
CaSSR102	(AT)10	TGAAGTAGGCTTGGTGGAT	ATTTTTACCGACCGTTTTG	59.8	148	Genomic	Ca3	925403	
CaSSR103	(AAT)6	GGAGTTGGATTCTCTGGTGC	AATGGAACAAGTGGCTTTGC	59.7	240	Genomic	Ca3	2898679	
CaSSR104	(TC)14	CGGCCATTGAAAACGAATAC	TGGGTATTGGACTCCTTTCT	60.3	266	Genomic	Ca3	3090422	
CaSSR105	(TAT)21	TGCTCTATTTCGTTCCCTTTC	TCCGTTAAGTTTCACTGCATTT	59.9	278	Genomic	Ca3	3745505	
CaSSR106	(TTA)31	TGTCATGCTTATTCCGACATCT	TCTcCCACTCTGTTGCTTT	59.6	244	Genomic	Ca3	4772252	
CaSSR107	(TGA)5	TTGGAAGAAACACTGAATGAT	CITTTTTCTCTGACGGTCATA	54.8	150	Genic	Ca3	7435046	SMAD/FHA domain-containing protein
CaSSR108	(AACAG)5	AGAGAAGAAGTCCAACAATCC	AGGTACAAGAAAGTGAACA	55.0	159	Genic	Ca3	10489944	ACT-domain containing protein
CaSSR109	(TTG)5	GGGTCATTTTGTCCCTCAT	AATTTTGTGCATGACCCTGA	59.0	143	Genic	Ca3	12394016	Expressed protein
CaSSR110	(GA)9	TGAGGGAGAGACACATGAa	CGAAATTTTGTTCGAAG	59.8	212	Genomic	Ca3	15320676	
CaSSR111	(TTA)7	GAGGTTGGGTTGGTTTCTT	CCATTGCGCTTCAATTTTGT	60.2	208	Genomic	Ca3	16451987	
CaSSR112	(ATTCAT)6	CCTTTCATTATCATTCAAC	AGGATAAAGGTGAAGCAAATC	54.8	165	Genic	Ca3	16813885	basic helix-loop-helix (bHLH) DNA-binding superfamily protein
CaSSR113	(TTTA)8	TGTGACATGATTTATGAATGACTTTTT	TTAGGGTTGTTCCAGTTGGC	60.1	207	Genomic	Ca3	17876577	
CaSSR114	(CATCAC)3	ACCATCATAACCATCATCATC	GGAAACCTAGGTATTGTTGT	54.6	143	Genic	Ca3	20843695	one of two Arabidopsis RAPTOR/KOG1 homologs
CaSSR115	(CAT)6	CGTTTCCATTAGAGGAGAGAC	ATGAAAGTGATGGTATAACG	55.6	162	Genic	Ca3	20843747	one of two Arabidopsis RAPTOR/KOG1 homologs
CaSSR116	(TCC)5	TCATCTGGGAAAAGGGAGTG	AAGGACCTCATCAAACAGAA	60.0	195	Genic	Ca3	21366194	WRKY Transcription Factor
CaSSR117	(AAC)8	ACACACTTCAAGAAAGTTCCA	CTAAATCAGCAGCAGTAGGTG	54.9	150	Genic	Ca3	21774818	novel family similar to DNA binding proteins containing basic-leucine zipper regions
CaSSR118	(CTA)8	TCCCGTAAAAGTGCACAAA	CACCTGGAGAAGCTGAAATTG	59.9	277	Genic	Ca3	25631919	Expressed protein

CaSSR119	(CAA)7	TCTTACACCAAAACACAACA	GAAGTGTGTTGTTCCATA	54.3	154	Genic	Ca3	25672196	MYC-like bHLH transcriptional activator
CaSSR120	(AATGAA)4	AATAGTTCCAAAGGGTGAGAA	CCTTCTGTTGGAATTGAACT	55.5	142	Genic	Ca3	26594189	GATA transcription factor gene GNC
CaSSR121	(ACA)7	TTTCAGTGTGTTGGAAGACT	TGACTCATTTTGGTTTTGTCT	54.9	146	Genic	Ca3	26594514	GATA transcription factor gene GNC
CaSSR122	(TGT)4	TGAGTATCCCTTAATCACGAA	TGCACAGTAAACAACACTCAG	54.9	146	Genic	Ca3	27041765	BTB-POZ and MATH domain 4 (BPM4)
CaSSR123	(AT)7	CCAACCAATGAAAGCTAGGC	TCCTATACCAATCCCCACA	60.0	134	Genic	Ca3	27694641	PHLOEM INTERCALATED WITH XYLEM (PXY)
CaSSR124	(CATCAC)3	AGATTACTCATTACCGCATCA	TCAAGCTATTGATCTTCTTGC	54.9	149	Genic	Ca3	28874001	HLH, Helix-loop-helix DNA-binding domain
CaSSR125#	(TAA)5	CGCATCTTCAATCCATCCT	GGGCCCAACTCAAAGTTTC	60.8	159	Genic	Ca3	29594640	ABC2_membrane, ABC-2 type transporter
CaSSR126	(CT)11	TGTCCCATCTTCTTCAATCA	TTATTCATGGGGTTCAGC	59.8	241	Genic	Ca3	29681010	NIMA-related serine/threonine Putative protein kinases (Neks)
CaSSR127	(AT)16	TTCACAAACAACACCACACAa	TCACACGTGCACAGTTCCA	58.5	174	Genomic	Ca3	30299506	
CaSSR128	(AG)6	TGAACCAACAAGGAACCAT	CCCCATGTCTAAAAGCAAC	60.5	223	Genic	Ca3	30690824	Plant protein of unknown function (DUF868)
CaSSR129	(TAT)6	AGTGGTGAAGTATCCGTGG	AAGGATGAAAAACAGAGGGTG	58.2	237	Genic	Ca3	30756503	seed storage 2S albumin superfamily protein
CaSSR130	(GA)10	CCTCTGAAATGGGACTGTT	AACACTTCCCCACACAAC	55.0	141	Genic	Ca3	31064037	ERF (ethylene response factor)
CaSSR131	(AAC)4	TTATCATCCAATGATGAATCC	ACTCCTCTAAACACCCTTTTG	54.8	155	Genic	Ca3	31248988	ERF (ethylene response factor)
CaSSR132	(TA)9	TCGTTTGCACCTGTTTTAGCC	TGTGACACTCATCGGTCAT	60.3	201	Genomic	Ca3	32341145	
CaSSR133	(TA)10	TCCTCCATTGCCTTTTCATC	GCATATTTGGGACTAAGCATGT	60.0	229	Genomic	Ca3	32408558	
CaSSR135	(CTT)7	GCATCACAAGCTTCAACAGC	TTTTGGGTTGATGGGTGATT	60.0	213	Genic	Ca3	32584632	Chloroplast-targeted copper chaperone protein
CaSSR134	(CTT)9	GCATCACAAGCTTCAACAGC	TTTTGGGTTGATGGGTGATT	59.6	213	Genomic	Ca3	32584632	
CaSSR136	(AT)6(AG)7	AGGCTATAAGAATGTCcaCCTTT	AGAAATGCAAGCATCGTCAA	57.5	237	Genomic	Ca3	34902234	
CaSSR137	(CTT)5	ACATTCCATTCCCATTGAA	ATTTGGAATCCATGGTGCTC	59.8	215	Genic	Ca3	35872876	FASCICLIN-like arabinogalactan protein 16 precursor (FLA16)
CaSSR138	(AG)19	ACCATTAACAGTCAACCATTG	CAGATATGTTCTGCATTGAT	55.0	153	Genic	Ca3	36810456	group-S bZIP transcription factor
CaSSR139	(AAG)7	GATATCTGGATCGGGTCTATT	CATACCACACCATTTCATCT	54.7	144	Genic	Ca3	36944041	Zinc knuckle (CCHC-type) family protein
CaSSR140	(TCT)5	TCCTAAATCTAATTCTATTTTCGCATAA	ATCGCAAATGAAACGGAGTC	60.1	248	Genic	Ca3	37063772	RING/U-box superfamily protein
CaSSR141	(AATTGT)4	GGAACAACCTCAAGCTCAGTAA	ATCCTTAGATCAGAGGAACCA	54.8	164	Genic	Ca3	37101948	squamosa promoter-binding protein-like 12 (SPL12)
CaSSR142	(AGA)6	CAGATTCCAACGTGCAGTG	ATTGCAATGTGAACCCACAA	59.8	253	Genic	Ca3	37377922	Pectinacetyltransferase family protein
CaSSR143	(GAC)4	TACATGTTTCAGCACAGCTAGA	TCTTCTTCTTCTGCTCTTCT	54.7	150	Genic	Ca3	37789311	ACT-domain containing protein
CaSSR144	(TA)9	AGGGAAACTTGACCCTCCAT	TGTTTGAAATTGCCACAAGC	59.8	191	Genomic	Ca3	38027665	
CaSSR145	(GAT)6	GAGCATATAAGCGACGTGA	CCGCCAATCATATCCATTCT	59.7	140	Genic	Ca3	38354781	protein similar to glutathione synthetases
CaSSR146	(TAA)12	AATACGCATCCAATCCATCC	GTGTGGTGCTGCACAGAGTT	59.9	267	Genic	Ca3	38610591	Rubredoxin-like superfamily protein
CaSSR147	(GAA)7	CAAAGTAAACCCCACCCTGTA	ACCGCAATATGGAACACGAT	60.2	259	Genic	Ca3	38624905	Expressed protein
CaSSR148	(TCA)8	AACACTTGAACATTTCAAACC	ATGGTGATGTTGTTACCAAAG	55.0	153	Genic	Ca3	38689024	Duplicated homeodomain-like superfamily protein
CaSSR149	(ATT)5	TCTCTCCCAAAAGGTCCC	GAAGGTGGCCAAGAGATGAA	60.2	134	Genic	Ca3	38689689	Duplicated homeodomain-like superfamily protein
CaSSR150	(ATC)7	ACCGTCTCTAGGACGACCA	TGAGTGAAGATGATGACGGC	59.8	216	Genic	Ca3	39398787	WTF1
CaSSR151	(AG)7	GGTTTTGAGCGTGGTTTGAT	TGCAAATGTGAAGCACAGA	59.0	146	Genic	Ca3	39618754	Expressed protein
CaSSR152	(AG)9(GT)6	TAGGTTTGTGTGTTGGGTCG	CCCTcACTCAGCGGCTATC	59.5	142	Genomic	Ca3	39804933	
CaSSR153	(GAA)5	AGGAGGAGGTAGATATGATGG	CAAGTCTGTTcAGTTCCCTA	54.8	156	Genic	Ca3	39817055	NGATHA3 (NGA3)
CaSSR154	(TATCAA)4	CCAAGTCTAACTCACACTCA	TAGAAAGGAAGTGTGATGAGC	55.4	134	Genic	Ca3	39817471	NGATHA3 (NGA3)
CaSSR155	(AAGA)6	ACTTCAGTGTCTGTTGATTTG	CCAACTAACAACCTGGAAAC	55.6	155	Genic	Ca3	39818017	NGATHA3 (NGA3)
CaSSR156	(AT)14	TGGAGAGGAATTGTTAcGTGG	GCTTCCAATCAATAAAGTCTTACAA	60.0	222	Genomic	Ca3	39849058	
CaSSR157	(TCA)6	CGCAACTTCTCCCTTTCATC	TCATGGATTTCTTTGCTCT	60.0	248	Genic	Ca3	39872382	endonuclease
CaSSR158	(TTTA)7	TTAGGCCCCACTCACTTTTT	TGTTCAATTCGATCGGAAAC	59.9	243	Genomic	Ca3	39872629	
CaSSR159	(CTT)17	CCGAOCCAaATTTTCATTT	TGCTGGAACGAACATTC AAC	59.7	174	Genomic	Ca4	820341	

CaSSR160	(TTGG)3	TTATGAAAAATGATGGGTTGTC	AGACAACAGTGCCAACTAAG	55.0	156	Genic	Ca4	1103152	NAC domain containing protein 74 (NAC074)
CaSSR161	(CAA)5	CGGTGATGAACCTGTTGTTG	AAGCCACTCAAGACGCTGTT	60.1	234	Genic	Ca4	1206702	12S seed storage protein
CaSSR162	(ATC)4	CAAGAAGTTTCTTCCACTTCA	CCAATCCATACTCTAACACCA	54.7	155	Genic	Ca4	1220485	ERF (ethylene response factor)
CaSSR163	(TA)8	TGTGCACATGACAATTAGAGCA	TTTCCATCAAGAACACGTCG	60.3	221	Genomic	Ca4	2543168	
CaSSR164	(TTA)5	AGATCCACCTCCACCTTGTC	TTGGAGGTTGTTGTTGGGA	60.0	185	Genic	Ca4	2688512	AT-hook motif nuclear-localized protein 20 (AHL20)
CaSSR165	(AG)10	GTTAGGGATTGTGCGGAGCA	CAACGGTCACCTTTTTGGTT	60.1	217	Genomic	Ca4	3603795	
CaSSR166	(TA)8	CCACCTCTCCCATCACTCA	TCATGGAGAATCCAGATCC	59.8	271	Genic	Ca4	4594795	AT-hook motif nuclear-localized protein 19 (AHL19)
CaSSR167	(AG)6	GGGCAGTGAGAGATGAGAGG	CCTCACCCCTTTTACCCACAA	59.8	148	Genic	Ca4	4699818	Nuclear protein that mediates light regulation of seedling development in a phytochrome-dependent manner
CaSSR168	(GATTCA)6	TGCAACTAGAGAAAGCTATGG	TGCGTTTTCTTTAGTGCTTA	55.1	156	Genic	Ca4	4799223	ATRX
CaSSR169	(GATTCA)6	TGCAACTAGAGAAAGCTATGG	TGCGTTTTCTTTAGTGCTTA	55.1	156	Genic	Ca4	4799223	ATRX
CaSSR170	(AAT)4	GAGAAAGAGGATATTGGGAGA	CTAACTCCAACATTCTTGTC	55.0	151	Genic	Ca4	5080649	Duplicated homeodomain-like superfamily protein
CaSSR171	(ATA)10	CGGTTTGTACTGAACCTGAA	CTTTGTCCACCAATAAATCGTC	55.6	150	Genic	Ca4	5081312	Duplicated homeodomain-like superfamily protein
CaSSR172	(AAT)7	GTAGTGCAGATAAATGCAAGG	CAAGTTCAGTAACAACCGATA	55.2	141	Genic	Ca4	5081434	Duplicated homeodomain-like superfamily protein
CaSSR173	(CAA)4	GACTATTCAATCCACTGGTCA	TTGAAATCAGTTACCTTCTCG	55.1	159	Genic	Ca4	5571877	UDP-Glycosyltransferase superfamily protein
CaSSR174	(ATC)4	AGATGATGATCACAAACATCC	TTGAAGTGAAGGAGATGAAGA	54.8	142	Genic	Ca4	5736891	indeterminate(ID)-domain 7 (IDD7)
CaSSR175	(AAC)4	TCATGACCTCATATCAAACC	AGTTGCAGCAGATAAATGAAG	55.0	160	Genic	Ca4	5736936	indeterminate(ID)-domain 7 (IDD7)
CaSSR176	(ATG)8	TCAAAGGGAAAGGATTTGG	AGGGTCCCTCAGTATTGCCT	60.0	145	Genic	Ca4	6590103	Major facilitator superfamily protein
CaSSR177	(CAA)7	CGGTGTGAATTTGGTGATGA	CAACAACAACCGAACGAGTG	60.2	253	Genic	Ca4	7315077	Tetratricopeptide repeat (TPR)-like superfamily protein
CaSSR178	(GAGAAA)4	TGAAACTTCAGAGGTTGGTAA	GCTTCTTGCTCTTGTGTTC	55.0	144	Genic	Ca4	7561185	NAD(P)-binding Rossmann-fold superfamily protein
CaSSR179	(TGG)8	ATCCGGTAAATCAACATGAAT	CAGAACCAGTTCTCATGTAA	55.9	157	Genic	Ca4	7970786	Zinc finger C-x8-C-x5-C-x3-H type family protein
CaSSR180	(ACCCT)5	TTCTAAACGACATCTTCAAC	CAGTTTCTTCCACAAAAGCTA	54.5	153	Genic	Ca4	8051984	TLP family
CaSSR181	(ATG)7	GAAACTGAGCACTAGGAGTTG	CTTCTCTGCTTTCATCTTCA	54.3	169	Genic	Ca4	8052130	TLP family
CaSSR182	(ATG)6	TAAACAACCGGGAAGTTGG	CCCTTACGAATCCCATTTT	60.0	137	Genic	Ca4	8052218	TLP family
CaSSR183	(GA)9	GAATCAGAAGTGGTTGGGA	TTCGTGCCAGAAACAGTGAG	60.0	155	Genic	Ca4	9314839	protein with a DWD motif
CaSSR184	(TA)8	TGCATCTCGCCTTGAATATG	CCACACATGCCCTACTCTT	60.0	214	Genic	Ca4	11051159	NAC domain containing protein 16 (NAC016)
CaSSR185	(GAT)4	AGGTTTCAAGAAAAGTGGAC	GAGGATCAATAACAGCATTG	55.1	147	Genic	Ca4	11053035	NAC domain containing protein 16 (NAC016)
CaSSR186	(ACC)5	ACTATTATGCCCCACTGAAG	GCAGAGACGAAGAAGATGATA	54.5	138	Genic	Ca4	11573408	Duplicated homeodomain-like superfamily protein
CaSSR187	(GAA)7	TGCTGGTCTTGTAGCTGGTG	GCAGCTTGTAAGGGTTTGG	59.7	168	Genic	Ca4	11658503	Vacuolar iron transporter (VIT) family protein
CaSSR188	(CTCATC)4	CCACTAATAACAAGGAAGCAAA	AGTCGCTCTTATTGGACTTGT	54.8	156	Genic	Ca4	12023919	Leucine-rich repeat protein kinase family protein
CaSSR189	(CTCATC)4	CATTCTCAAATTCAAACCAC	TGGAAAAAGAAAGACAATGAC	54.8	136	Genic	Ca4	12023936	Leucine-rich repeat protein kinase family protein
CaSSR190	(AAC)7	CCCAAAACATCAACAATCTTA	CCTGTTGGAAAATTTCTAGGTT	55.3	132	Genic	Ca4	12176090	SCARECROW-like 8 (SCL8)
CaSSR191	(TCA)4	CTAACTGAACACCAGCACTA	AGAAGGAGAGGTGATAGGTTG	55.6	146	Genic	Ca4	13843207	LUH WD-40 repeat family protein
CaSSR192	(AG)9	AAAATTGGATTGGGAAAGGG	TTTGTACCAAAACCAACCC	59.8	131	Genic	Ca4	14340497	tubulin alpha-6 chain
CaSSR193	(AT)13	GGGATGCATCTGCAAAATTTA	TGAGTCCAATAAAACCCCA	59.9	249	Genomic	Ca4	15398881	
CaSSR194	(AT)8	AACACCCACATAATGACCC	TCATTTGACATTACCTCAGTTTT	59.9	222	Genic	Ca4	16478585	Expressed protein
CaSSR195	(ACTTGC)4	TGAACTCGTATCTTCTGCTTC	ATCATGCTTCACAACCTTCATC	54.8	172	Genic	Ca4	16650296	ovate family protein 13 (OPF13)
CaSSR196	(ACTTGC)4	TGAACTCGTATCTTCTGCTTC	ATCATGCTTCACAACCTTCATC	54.8	172	Genic	Ca4	16650296	ovate family protein 13 (OPF13)
CaSSR197	(TC)13	CGTCGTGCAGATCTTCGATA	GCGACGCTACTGTAACCCT	60.0	248	Genomic	Ca4	16665218	
CaSSR198	(AT)14	CAATTTCTCTCTATTGTTTTGACA	TGATTCTCGAGGATGCGAC	60.6	250	Genomic	Ca4	17043109	

CaSSR199	(CCA)6	CCAACTAGGCAAAAGCTTCG	GTTTGACAGTTTGAGCTTCC	59.9	273	Genic	Ca4	17663778	RING-H2 protein that interacts with the RING finger domain of COP1
CaSSR200	(AT)9	AACTGAGAATGACTTGCCCTTCA	TTTAGGGATGATTGCTTGGG	59.0	228	Genomic	Ca4	17704840	
CaSSR201	(ATT)8	TCTTTGAGACTGTTTTCCCTTT	CATGTCTCATATTCCTCTAGCTGC	58.5	115	Genomic	Ca4	19856773	
CaSSR202	(ATTCT)4	GGGTCATCATCAAACCA	AGTTCTGAAGTCATGGTAGGG	54.9	147	Genic	Ca4	20436604	TCP family transcription factor
CaSSR203	(TTG)9	CAGGAGTTGAAACTGAAACAC	TCCACAACAACAACAACAGTA	54.9	155	Genic	Ca4	22196748	embryo sac development arrest 31 (EDA31)
CaSSR204	(TA)10	AACCCATCATTITGGCCATGT	CCTGGAAAACCTGCAACTGG	60.1	155	Genomic	Ca4	22226606	
CaSSR205	(TA)10	GGGGATTGTCAGAAACGGTA	TTGTCGACACATCCTCTCAAA	59.8	223	Genomic	Ca4	26366347	
CaSSR206	(TCA)6	ACCACCACTGCCTCTTGTTC	CTCCAACAACCTCCACAGTT	60.0	149	Genic	Ca4	26873093	Expressed protein
CaSSR207	(AG)13	CACAATCATCATCGAGCACC	ACACACTCCTCACCGTTCT	60.1	222	Genomic	Ca4	27187560	
CaSSR208	(AG)7	TCCACACAGACATGTTTCATC	CCTCATGGAAGGCAACCTTA	60.1	207	Genic	Ca4	28594218	AT-hook motif nuclear-localized protein 20 (AHL20)
CaSSR209	(CAG)6	TGGCATCATCATCACTGTCTT	CCATCCTTTTCAATGCGAGT	60.1	253	Genic	Ca4	30414975	cobalt ion binding
CaSSR210	(AT)9	TGTGAACCTTTTCATTTGGCTTG	CCATTCGATCATGGGTAGTAGTT	60.1	205	Genomic	Ca4	30455676	
CaSSR211	(AAT)7	CCCCACAACCTCAAAGTAAG	GCTGCATTTTCACCGTACAA	58.6	265	Genomic	Ca4	32335239	
CaSSR212	(ATGGT)3	TCCCATCAAGATGCTAAAATA	AATCAATCTTTGAGTTGTTGC	55.0	149	Genic	Ca4	32780320	SHY2/IAA3 regulates multiple auxin responses in roots
CaSSR213	(CAA)5	AAACAACCTAACGCCGTAACCTA	TTGGCATACTGATTCTTCTTC	54.5	153	Genic	Ca4	35416175	TCP family transcription factor
CaSSR214	(CCATT)4	TTCATTAGCTTGAAGCACTC	GGTTGAGGAGAAAATTAAGC	55.0	150	Genic	Ca4	35417258	TCP family transcription factor
CaSSR215	(TCC)5	AAACACAGATGTCGTCGCAA	CCTGATATTCGGCAACACG	60.1	156	Genic	Ca4	36155130	Plant protein of unknown function (DUF827)
CaSSR216	(CAC)6	CGTCGTTCCATACCAAACG	CCAGAAGGAGATCCTGAACG	59.8	207	Genic	Ca4	36842702	Putative plant-specific transcriptional regulator
CaSSR217	(CAC)8	CTAAAGAATGGAATTGGGATT	CTCGTTTGTGTTGCTCTATTGT	55.0	153	Genic	Ca4	36842734	Putative plant-specific transcriptional regulator
CaSSR218	(GAT)4	TGAAGTTGAGAGGTTAATTGG	TCATCACACATAGAGCCTTTT	54.6	151	Genic	Ca4	36952282	indeterminate(ID)-domain 5 (IDD5)
CaSSR219	(TA)13	CTTCAACCCACCAOGCTACT	CTCACTTCTCCGCTCTCTGC	60.2	271	Genomic	Ca4	38376225	
CaSSR220	(ATAA)7	TCTCCTTCCCTCTAGTAATTTGTG	TTTGTTTTAAATTTGCACTTCAACA	59.3	272	Genomic	Ca4	39006837	
CaSSR221	(TA)9	CATTCCACCTTAAACTCCTCG	CCGTCTAACTAAGATGAACCTG	60.0	199	Genomic	Ca4	39226042	
CaSSR222	(TA)6	ATAGCAGCAAACTCTCAGCG	GCTCATTGAAGATGACATTGC	58.3	273	Genic	Ca4	39805351	putative c-myb-like transcription factor
CaSSR223	(TC)9	TGTATGTAGGCTTGGGGAGG	ATCCAGATGATGCCCTACA	59.9	170	Genomic	Ca4	40276977	
CaSSR224	(CT)7	CCTCAAGTGCAACAAAACAA	TGCAACATTTTACACCAGA	60.1	124	Genic	Ca4	40670097	CCT motif family protein
CaSSR225	(CAG)5	TGCAACAGATGTTGTTACAGA	GAGATGAGCCTATCCCTAC	55.3	170	Genic	Ca4	41865067	LEUNIG
CaSSR226	(CAG)4	AATTAAGGCTAGGGAACAACA	CATGCCTCTGTAACAACATCT	55.7	143	Genic	Ca4	41865183	LEUNIG
CaSSR227	(TA)12	ATGCCATTCTTGCTGATT	TCAAATGCAGCAACAACAAA	59.5	269	Genomic	Ca4	42025608	
CaSSR228	(ACA)4	GTTTGGATGCATAACAACAAG	CTCAGATTATATCAGCTTT	55.8	153	Genic	Ca4	43462315	homeobox protein 34 (HB34)
CaSSR229	(GAA)5	GAAAGAAGATCACAAGCCTTT	CAAAGGTATCTTGAGTGGTTG	55.3	155	Genic	Ca4	43513782	basic helix-loop helix transcription factor involved in tapetal cell development
CaSSR230	(GAA)8	TAGTTGCTGCCTTCGGAAC	GGCGGATACTACTTTGTCGC	59.7	200	Genic	Ca4	43715230	Ubiquitin-like superfamily protein
CaSSR231	(AATTA)4	AATGAATTGGTTTGTCTGTG	CTTACTCACCCGATCCTAACT	55.2	148	Genic	Ca4	43891008	A class II knotted1-like homeobox gene family
CaSSR232	(AGA)8	GTTTATGGTGTGAAGTTGA	TACTCTACGCTTCTCCCTCT	55.2	149	Genic	Ca4	43891170	A class II knotted1-like homeobox gene family
CaSSR233	(AT)10	GTAAGCCAACCTCTTGCCA	AACCCACAACCACTTCCATC	60.2	196	Genomic	Ca4	44581810	
CaSSR234	(ATG)5	AATGTTTCAATTTCAATGGGA	GGATCGGTTATCGACTGAGG	59.5	189	Genic	Ca4	44625382	Expressed protein
CaSSR235	(AG)10	GGACACACAACAGAGAAAA	ACGAGATTGTAAGGAGTACC	55.3	167	Genic	Ca4	44660343	AL4 the Alfin-Like family of nuclear-localized PhD domain
CaSSR236	(CAT)6	TCGCATAGAAGATGTCGTCG	ACGCTACTCGATGACGAGGT	59.9	152	Genic	Ca4	45074489	protein containing N-terminal tripartite nucleotide binding site
CaSSR237	(ATTT)9	GCTTCAGAATTCGACGTGGT	TACATTGGGCTGGTACATGG	60.3	105	Genomic	Ca4	45108920	
CaSSR238	(TGAA)3	ATGAGGAAATTCGAAACAT	AAGGAACTGTCTGTGAAA	55.2	150	Genic	Ca4	45186457	transcription factor involved in photomorphogenesis
CaSSR239	(TAT)12	GGGTGTGGATAGCAATGGTT	AGCTCAATTGCCAGGAAGAA	60.0	274	Genic	Ca4	45445913	Putative homolog of the Blind gene in tomato

CaSSR240	(GTA)5	GGCGGAATAATTGAAGTAGTAG	GTTGTCGATCAAAGTATTGC	55.0	158	Genic	Ca4	45595013	Growth regulating factor, transcription activator
CaSSR241	(GT)7	TTTTGTTAGCGTTTGTGTTTGG	CATAAAACCGCCTGCAACTT	60.1	203	Genic	Ca4	46259055	F-box protein
CaSSR242	(TC)10	CGTAACCGAGGAGTTTGAA	AAGGGCGTTGAAAGAAAGAA	58.9	217	Genic	Ca4	46269177	Mannose-P-dolichol utilization defect 1 protein
CaSSR243	(AGATGA)3	CGATGAATCAAGAAGCAATA	TGAACCTAACCAATTCTTGA	55.7	159	Genic	Ca4	46398833	DREB subfamily A-5 of ERF/AP2 transcription factor family (RAP2.1)
CaSSR244	(AG)10	AATCAGAAGCGGAGTGGTTG	AATGGAGGCGGGAGAGTAAT	60.3	266	Genomic	Ca4	46457612	
CaSSR245	(TTA)21	ACAGAGCCACCAGGATTGTT	GAAACTGGCCAGACGTTTT	59.6	225	Genomic	Ca4	46788418	
CaSSR246	(CT)7(AT)7	ATCTCGCCAATAACCACCAC	GGTAGCTAGTTGATCAAGTTCTTTCTT	59.8	197	Genomic	Ca4	47266711	
CaSSR247	(GAA)7	TGACATCTCCAACAACAAGAT	CACACTGTGGATTCTTGTCTC	55.6	147	Genic	Ca4	48124978	BEL1-like homeodomain 7 (BLH7)
CaSSR248	(ATA)6	GGCTATGCCAACATTCCTGT	TGAAGTAGGCCAATGCAACA	60.3	248	Genic	Ca4	48145725	cytosolic thioredoxin
CaSSR249	(TAAA)5	AAAGCATGCACTAATCACAGT	CAAGTCTTTGTCATCTTTGCT	55.1	139	Genic	Ca4	48319615	Basic-leucine zipper (bZIP) transcription factor family protein
CaSSR250	(TC)9(T)10	TTACATGAAAAATAAAaCAAGCAA	CCGGAAGATTTAGCAATGGA	57.3	199	Genomic	Ca4	48825962	
CaSSR251	(GAT)6	ATGAGTCAAAGCCATAGTCAC	TTCTTCTTCAGTTGGATGAAA	54.4	153	Genic	Ca5	164592	LONG VEGETATIVE PHASE 1 (LOV1)
CaSSR252	(TCCC)3	CGAGTATACAAGAGAGCAGGA	AGCTGCCTTATTAGAGTGTC	54.9	147	Genic	Ca5	166052	LONG VEGETATIVE PHASE 1 (LOV1)
CaSSR253	(CAA)5	TGACAACAGTTCTTGGTCTTT	GGGAGAGGGAGTAACAAAGTA	54.9	154	Genic	Ca5	166287	LONG VEGETATIVE PHASE 1 (LOV1)
CaSSR254#	(AATCCA)5	ATTCAGCAGTTAGTTCCAACA	GCATCAGCAAAGTAGACAAAT	55.1	147	Genic	Ca5	166458	LONG VEGETATIVE PHASE 1 (LOV1)
CaSSR255	(CTTTG)5	AATGGAGAAAAAGCAGAAGAC	GCGTAAACTAGATGGCTGATA	55.3	144	Genic	Ca5	222915	homeobox protein 31 (HB31)
CaSSR256	(TA)11	ATTGGGAATTCAGCGTTTCC	ACTGAGAATTGGGGTCgTTG	61.2	280	Genomic	Ca5	7247789	
CaSSR257	(ATTA)3	AACATGATGGAAGATGGAAC	TGGTCACTTGGGCTAATG	54.8	147	Genic	Ca5	7675104	a MADS box transcription factor expressed in the carpel and ovules
CaSSR258	(CT)15	TCTGCCTCGTACTCCTCACA	GGTTGTTGCTGGCATTTTCT	59.6	247	Genomic	Ca5	8866821	
CaSSR259	(TGT)4	TTGTTGATGTTGATGTTGCT	CCTATCAACCTATCGAACCTT	55.0	144	Genic	Ca5	9961600	WRKY transcription factor 2
CaSSR260	(TGC)5	ATTGATGATGAACCATTATGC	ACAACAACAACATCAACAACA	54.9	144	Genic	Ca5	9961692	WRKY transcription factor 2
CaSSR261	(ATA)6	TCGTCATAGTTTCAAGCGGT	CAGGAGGTGCACTATCAGCA	60.0	149	Genic	Ca5	9989246	chloride channel protein
CaSSR262	(TTC)9	TGCTATTGTGATTCAGTTCT	AGCATGACAAGTTTAAAAGCA	55.0	147	Genic	Ca5	10080588	myb family transcription factor
CaSSR263	(AG)16	CAGAAAACAACCAAAACCGA	TGCTCATGATTTCAACCTC	60.0	191	Genomic	Ca5	10184550	
CaSSR264	(CTT)7	TCCAAAACACATTCACAAGCA	TATGGATCGGAAGACGAACC	60.1	245	Genomic	Ca5	11065299	
CaSSR265	(CTT)6	CCAAAACCATTTTCTTCAATC	TATGGATCGGAAGACGAACC	59.9	191	Genic	Ca5	11065353	Plant invertase/pectin methyltransferase inhibitor superfamily
CaSSR266	(AG)14	CGAATAAATTTGCGGAGAA	AAGCATCCAATTTGGCAAAG	60.0	275	Genomic	Ca5	12476511	
CaSSR267	(GT)9(AT)6	AAGACATTATGAAATGCAACAAA	TGAGAGATGCATTCAACATTATAGG	59.8	250	Genomic	Ca5	12592203	
CaSSR268	(AAT)10	TGATTTCTCCATCTATCGGG	ATTAGCGCCTTACGACATCC	59.0	259	Genomic	Ca5	14185310	
CaSSR269	(ATT)8	AAAaGAACAAAATGGAAGCCC	TGGATGCAAAAGATTTGAGC	59.5	266	Genomic	Ca5	15878709	
CaSSR270	(AT)10	TCAGTCCATATTAATCATCAATTC	AGTGATAACCGTTGGAAAAGC	59.2	280	Genomic	Ca5	17120195	
CaSSR271	(CAC)4	CTTATGACATGAGGAAGCAAC	ATTTCTCTCACAATCAAATGG	55.0	150	Genic	Ca5	19048743	Acyl-CoA N-acyltransferases (NAT) superfamily protein
CaSSR272	(TCA)4	CAAGATTATCATTTGGACGAC	AAATGGTGCTAATTTGGATCT	54.7	150	Genic	Ca5	21386676	Pseudo response regulator involved in the generation of circadian rhythms, TOC1
CaSSR273#	(AT)10	CCTTTATAAAAaGAGTGGGgT	GTGGGTTGCAAGGAAGATTG	57.7	201	Genomic	Ca5	23012241	
CaSSR274	(AT)12	TGCTTAAAGAATTTGAAACGATGA	CATTAGCCTCGTTGGCATTT	60.1	210	Genomic	Ca5	23438498	
CaSSR275	(AG)13	TACAAAAGAATCAAAACCAAG	TTTCTTCCACAATTTCTGTTA	54.6	165	Genic	Ca5	23874393	BTB/POZ domain-containing protein
CaSSR276	(AAT)7	TCCACTTACCACATCATCA	TGCATATTTTGACCTGCAT	59.0	209	Genic	Ca5	24717518	Homeodomain-like transcriptional regulator
CaSSR277	(AT)10	AACCGTTCACAGTAGAGGCA	CCCTATGTCCAAAGCTACG	58.4	147	Genomic	Ca5	26329409	
CaSSR278	(GAT)7	TGAGGGTACTCCTAAACCCG	CCCCCTTCTTTCTTCAAC	59.0	180	Genomic	Ca5	26833175	
CaSSR279	(GAAA)3	AGCTATGCCTCCTGATAAACT	GAGTAGTGGCTTCTGTTTGAA	55.0	167	Genic	Ca5	27118508	basic leucine-zipper 52 (bZIP52)
CaSSR280	(CCT)4	AAGTAAACCCACAGAGTTCT	TATGAAGCTTTCAACATCAGG	55.5	144	Genic	Ca5	27757413	auxin response factor family protein
CaSSR281	(AAT)8	GCACATAGCAGTTACATATGGCAG	TACTTTTGACCTCGGTTCC	60.9	265	Genomic	Ca5	28955959	

CaSSR282	(AT)7	CACAGCAACAGAACTGGCAT	TTTCATGGCACAAGAAGTTGC	59.8	267	Genic	Ca5	29319100	protein, expressed in leaves, with similarity to pollen allergens.
CaSSR283	(CCTTCT)3	AGTTCTTCCACAAATCAACC	CCAAGAACAGACAAGAAGAA	55.8	152	Genic	Ca5	29398059	DREB subfamily A-6 of ERF/AP2 transcription factor family (RAP2.4)
CaSSR284	(CTT)5	TTCTCTTCCATCAATGACTT	GCGAAAAGTTGGTTGAAAA	60.1	155	Genic	Ca5	29465178	Contains a weak similarity to ELG protein from Homo sapiens
CaSSR285	(TCTTGC)3	TCITTTATCTTCTGCAAAACCA	CAAGAGCAAGAACAAGAAGAG	55.3	149	Genic	Ca5	30587088	nucleic acid binding
CaSSR286	(CTTCTC)4	TTTCATCGTCTACTTGATGGT	TTGATGGTAGAGCAAGAACAT	54.8	157	Genic	Ca5	30587245	nucleic acid binding
CaSSR287	(CTTCTC)4	TTTCATCGTCTACTTGATGGT	TTGATGGTAGAGCAAGAACAT	54.8	157	Genic	Ca5	30587245	nucleic acid binding
CaSSR288	(TTCTCC)3	TTTCATCGTCTACTTGATGGT	TTGATGGTAGAGCAAGAACAT	54.8	157	Genic	Ca5	30587245	nucleic acid binding
CaSSR289	(TAT)7	ACGCCTTCTTTGCTCCTTTT	AGTCAAGCCTCACTCCGAGA	60.4	250	Genomic	Ca5	31109261	
CaSSR290	(TTC)5	ATGAAATTGCTCGTGGAGG	GGGATTGATTGCTGGGAAGA	59.9	258	Genic	Ca5	31182241	Calcium-binding EF hand family protein
CaSSR291	(ATG)6	CATGAAGGCCTATAACAAGAA	GAGCTTCTACTCGTCATCATC	54.7	145	Genic	Ca5	31194921	HMGB (high mobility group B) protein
CaSSR292	(ATT)9	AATTAGGGTTGGATGGAGGG	CTTCCGAACCACTACGCTTC	59.9	175	Genic	Ca5	31744505	RING/FYVE/PHD zinc finger superfamily protein
CaSSR293	(TC)6(TA)8	TCAATCTCCATCTTCCCCTG	CAACAAGTCCCACCAATA	60.0	222	Genomic	Ca5	31861702	
CaSSR294	(TG)7	TTTTTCCCTTTATCGCATGG	TAGGGGAAGGCAAATGTACG	60.0	145	Genic	Ca5	32856391	Expressed protein
CaSSR295	(CGG)5	CTGAGGATTTTGAATGAAC	TCATCTACACTCCGATCTCAC	54.0	145	Genic	Ca5	34050111	WRKY Transcription Factor
CaSSR296	(TAT)8	CCAGTTGTTGCCTCGGTATT	CAGGTTGATGTCCGAATGTG	60.0	273	Genic	Ca5	34521276	Expressed protein
CaSSR297	(AAG)10	CCAGCCATGGTAATTTGGAC	TTCTACAACCGTTTTTCTTCTG	60.2	204	Genomic	Ca5	34626059	
CaSSR298	(ATAA)9	TTGGTTGCTAGACCAAGGG	CGGAATCCGATTGCTTCTAC	60.1	230	Genomic	Ca5	35432669	
CaSSR299	(AG)6	AAGCATCAGAAGAATCAGACAGG	CTTCTCCTCGAGATCCTCC	60.3	220	Genic	Ca5	35796488	AGC (cAMP-dependent, cGMP-dependent and protein Putative protein kinase C)
CaSSR300	(CTTC)7	TCTAGAAGCTTCTACTTCACC	CGAAAGTGAGTGTGAGAAG	54.7	163	Genic	Ca5	35861292	Heat Stress Transcription Factor (Hsf) family
CaSSR301	(TAT)5	CACTCCCTTCTCCAAAAT	CGCCTTTCGAATTATTGCAT	60.1	212	Genic	Ca5	36421460	Trypan_PARP, Procyclic acidic repetitive protein (PARP)
CaSSR302	(ATA)6	TCCATTTCTTCTTTTCTC	GGTAGAAGGTGCTTGACCGA	60.3	219	Genic	Ca5	37739978	Chondroitin sulphate attachment domain
CaSSR303	(TTG)4	GGTATGACCAGAACATTTGAA	AACATCAATTCAATCATGGAG	55.1	142	Genic	Ca5	37896821	protein similar to a subunit of the CCAAT promoter motif binding complex
CaSSR304	(AT)10	AACAAGTCTGCAACAACCTTCT	CACAAAGTGAAGGGGTCAT	58.0	270	Genomic	Ca5	38903229	
CaSSR305	(ACC)9	TTCTCTGAATCCAACGGTCC	TGTGTGCGTGAGAGAAGAGG	60.2	149	Genic	Ca5	40667653	Nodulin MtN21 /EamA-like transporter family protein
CaSSR306	(AAC)7	CTCTTGCAACTTCCCCACTC	AAAGCAAAGGAGGTTTGGT	60.0	150	Genic	Ca5	41308534	Expressed protein
CaSSR307	(AG)6	ATGGTTTTGCTCACATTCTTA	TCTCAATTCTTCAATTCCA	55.0	151	Genic	Ca5	42499312	the MADs box transcription factor family
CaSSR308	(TC)11	CAGTGCCATCACTCCATCAC	CACGCaAAAACAACCACAG	60.1	252	Genomic	Ca5	42534709	
CaSSR309	(GAA)4	GGAGGAAGAGGAAGAGAGAAT	GAGAGGACCTCAATTTCTTGT	55.7	172	Genic	Ca5	44153203	SWI3 gene family protein
CaSSR310	(ATG)4	TATAAACCCACGCAAGTATTCG	GTACCCATCAAATCAACTTCA	55.6	146	Genic	Ca5	45306950	Homology Subgroup III
CaSSR311	(TA)6	CCGGCTTAATGAAAGAGGAA	GACCATGGGATGGATGTTTC	60.0	209	Genic	Ca5	45479771	Expressed protein
CaSSR312	(AG)8	AGAGTCAAATTAACAAGAGCATAGA	AAAATTGCCACAAGAGCAAG	60.2	122	Genic	Ca5	46316346	CYP714A
CaSSR313	(CAC)9	AACCCATTTGCAATCTGCT	CGCTGAGGAGAGAGTCCAC	60.1	124	Genic	Ca5	46360697	RING/U-box superfamily protein
CaSSR314	(CCATA)4	AAAACAACACTCTCCTCTCC	ACAGGTAGTGGGTATATTCCAG	55.1	143	Genic	Ca5	47007215	Transcription elongation factor (TFIIS) family protein
CaSSR315	(CAA)7	CAAGCTCACACTGAACCTCTCT	GTTGTTGAGTTGTGGTGATTT	54.8	146	Genic	Ca6	466443	KANADI protein (KAN)
CaSSR316	(TCATTT)3	TCATAGATTCTTCTCCCTTCC	TGGAACTTATAGATTTTGTGG	55.0	156	Genic	Ca6	1609131	DA1-related protein 2 (DAR2)
CaSSR317	(TTCTCT)3	CTCCACATCATTTCATTTTC	AAACCAGACTTCCCTTCTGAG	54.7	173	Genic	Ca6	1609211	DA1-related protein 2 (DAR2)
CaSSR318	(TC)9	TAGGCATTTGCAACGCTATG	TTTTGCGTTCTTTTCTCCT	59.9	202	Genomic	Ca6	2111716	
CaSSR319	(TTG)7	TCACCATCGTGTGATGGACT	TTGTTGGGTCCTCTTTTGTTTT	59.9	220	Genic	Ca6	2501203	Expressed protein
CaSSR320	(TTC)5	GCAGCAACATCTGGTGAGAA	CGTTCAGAGGCTAGGGTGC	59.9	205	Genic	Ca6	2549860	RING/U-box superfamily protein
CaSSR321	(TTA)15	TCCCTTCCCCTCTTTTGT	TGTTTGGAAAACCTGTGTTTAGAGT	59.9	203	Genomic	Ca6	2766175	
CaSSR322	(AAAGAG)5	GATGCACATCATCTTCTCTG	GCAATATTGAAAATTCAGTGT	55.8	147	Genic	Ca6	3867508	NAC domain containing protein 75 (NAC075)
CaSSR323	(AT)12	CGTTTTTCATATTCAGGCC	CGCATGCATACGGAACCTCTA	59.4	187	Genomic	Ca6	4048430	

CaSSR324	(AG)7(A)13	CATAAATGGTTGCGACATGC	TCGACACAAAACAAAATCACCA	60.0	168	Genomic	Ca6	4400440	
CaSSR325	(TTTTTC)4	ACAACCTACTGTGTTGGAAA	ATTTCAAATCCTTCGTGAAAC	55.0	147	Genic	Ca6	4566075	Transcriptional co-activator
CaSSR326	(TTTTTC)4	ACAACCTACTGTGTTGGAAA	ATTTCAAATCCTTCGTGAAAC	55.0	147	Genic	Ca6	4566075	Transcriptional co-activator
CaSSR327	(TA)8	CGGGTAATGAAACTCATAAATAAA	CAATGCCTGCATTCCAATTA	57.8	274	Genomic	Ca6	5169574	
CaSSR328	(CAA)5	AAGACCAAGTCAAGGACTTTC	GAATACATAATTCGTGTCGTC	55.1	144	Genic	Ca6	5237484	Homeodomain protein
CaSSR329	(ATC)7	TGTTCCCTTTCATCTTCAAA	TGATCTATTTTCTTGCCACAT	55.1	151	Genic	Ca6	5237688	Homeodomain protein
CaSSR330	(CAA)5	TGTTCCCTTTCATCTTCAAA	TGATCTATTTTCTTGCCACAT	55.1	151	Genic	Ca6	5237688	Homeodomain protein
CaSSR331	(TCT)8	GGCAGCGACAACACAACA	TAATTGAGAATCGGGTTCCGG	59.9	199	Genic	Ca6	5259895	BTB/POZ domain-containing protein
CaSSR332	(ATT)8	TCCTTGCCCTGTTTCATAGTTA	GGCCCTGTAGATGATGA	55.2	121	Genic	Ca6	6141841	Putative auxin response factor
CaSSR333	(GAA)8	TAATGAAAATTGTGGGAGAAG	TGACCCTCTTGCATACATCAT	54.0	153	Genic	Ca6	6540055	Putative protein kinase similar to the calcium/calmodulin-dependent protein
CaSSR334	(TTC)12	ATCACTTCTTGCCATGTCCC	GGTGGTGAATGAGGAGAAA	59.9	106	Genic	Ca6	6540055	TT viral orf 1
CaSSR335	(AAAT)12	CCGAATCCCTGTTGTAGGA	ACTGCATGTTTGCCAGTTTT	59.9	276	Genomic	Ca6	6631430	
CaSSR336	(GA)9	TCACTCAAATgTAGCAATCAAA	AATTATGCCTGAGTTGCGG	57.5	214	Genomic	Ca6	7376505	
CaSSR337	(AT)8	TGCAGCAGAGCATCAAATCT	GTTGTCTGAAGGTCCCAAAA	59.9	135	Genic	Ca6	7531996	Expressed protein
CaSSR338	(AC)8	GCCACCGTTGTGTTCCCTTAT	CGTTTTGAAAATCGGTGGT	59.8	183	Genic	Ca6	7645002	LIP1 gene small GTPase
CaSSR339	(CT)20	TTTGGTGGTGAACGTTGAAA	GGAGAAGGaAAAGGAAGGGA	60.0	243	Genomic	Ca6	8335176	
CaSSR340	(AAAAC)5	CGTTGCTTAAGATACAAAAC	AGAGCTTCCAAGTCTCTTCAT	54.4	179	Genic	Ca6	8368375	homeodomain leucine zipper class I (HD-Zip I) protein
CaSSR341	(TGA)9	TCATGGATTTCTTTGCTC	CGCAACTTCTCCCTTTCATC	60.0	248	Genomic	Ca6	8816079	
CaSSR342	(AG)10	AGGTAGTTGAAGAAACGAACC	AGAAGCAGGATCAATACCTTT	55.1	153	Genic	Ca6	9118284	Basic-leucine zipper (bZIP) transcription factor family protein
CaSSR343	(TGAT)4	TGATTGTGGATTCTTCGATAC	CAACTAACACCAAGAAGCAAC	55.2	150	Genic	Ca6	10053750	basic leucine-zipper 44 (bZIP44)
CaSSR344	(CAG)8	AATCTCAGCCTCAAACCTCAAT	GCTGTTGTGATTTTTGTTGTT	55.6	147	Genic	Ca6	12437191	auxin response factor family protein
CaSSR345	(AC)12	TTCTTTTTGTTTCTACCAAC	CCTTTGGTGTAAAAGGGTACT	54.6	138	Genic	Ca6	12569883	TEOSINTE BRANCHED 1, cycloidea and PCF transcription factor 2 (TCP2)
CaSSR346	(CCACTA)4	TTGCCATTATCATCTTCTTTC	ATAAATTGCACAGAAGGTGTG	54.6	141	Genic	Ca6	13095585	indeterminate(ID)-domain 14 (IDD14)
CaSSR347	(AACACC)3	AGCTCATATCAAACATGTGG	GGTTGTAATGTTGTTGCTTGT	55.3	159	Genic	Ca6	13096321	Putative role in shoot gravitropism
CaSSR348	(AGA)6	ATCGCGTGAAGGAGAGAGAG	TACAACACCAACGACGCATT	60.0	141	Genic	Ca6	13949884	Protein of unknown function DUF1084 (InterPro:IPR009457)
CaSSR349	(AC)10	TGGCATCACAGATTTCATATG	GCACTGCATGAGAAAGCCA	59.5	251	Genomic	Ca6	14059898	
CaSSR350	(TC)11	CGTTTCTCGCTCTGGAGGTA	TTTCGTTGGTTACACGGTCA	60.0	253	Genic	Ca6	14301000	A-type cyclin-dependent Putative protein kinase
CaSSR351	(AAT)27	TGAAAGTGTTTTGAAAATTAATGATG	GTGGCTACGGAAGTCTCCAA	59.7	255	Genomic	Ca6	14324174	
CaSSR352	(TTC)13	CTGCATCAACCACACCAATC	CAACGGATAATGCACTCCCT	60.0	136	Genic	Ca6	14759107	potassium transporter
CaSSR353	(ATA)11	TTGAGCACAAAGTTTCTCT	TCCCTTCAATAGGTAATTC	55.2	151	Genic	Ca6	14811478	basic helix-loop-helix (bHLH) DNA-binding superfamily protein
CaSSR354	(AT)11	ATTGTTGGCAGTTGTGGTT	CGGATTGTAGTGGGGCTAAT	60.3	230	Genomic	Ca6	15710297	
CaSSR355	(TCT)5	CATCAGTAACCGCTCAACGA	TTTGGAGGTGAAAGAGTGG	60.1	244	Genic	Ca6	16936979	Ribosomal protein S5 family protein
CaSSR356	(TA)10	ATCAGCACCTCATACCCGAG	CGACAAGCCAGACTCATAA	60.1	242	Genomic	Ca6	17580949	
CaSSR357	(TAT)9	TATCCAAAAGTCAACAATCA	ATATGCAACACACAGAGGAAG	55.7	141	Genic	Ca6	18298837	ERF (ethylene response factor) subfamily B-3 of ERF/AP2 transcription factor family
CaSSR358	(AT)15	TTTTTCATCCATCACATCATCA	TTGATGCTTTACAACGTGCG	59.9	261	Genic	Ca6	19858207	F26K24.10 protein
CaSSR359	(ATT)15	CGGTTACCTATTTTTAATTGTGC	TTCTCCATCACACTGGGAGA	57.0	247	Genomic	Ca6	20442770	
CaSSR360	(TTGATA)3	GTGGAAGTGAATTCAAGTGAG	GTCCAACACCATAACAATCAT	54.8	148	Genic	Ca6	20514111	SET domain protein 35 (SDG35)
CaSSR361	(TTCACA)5	CCCACCTTCTCACTCACTCTT	TTCTGGAGGAGATAGTAGTGGT	56.1	163	Genic	Ca6	22249411	GRAS family transcription factor
CaSSR362	(CAA)8	ACCATTTGTTGGGCATTTTC	CGAATTGAGGGTCTTCCAA	60.0	274	Genic	Ca6	23920468	NTMC2T5.2
CaSSR363	(AGA)4	GGATTAATTATCTCCGACAG	TGGTAATCTCCAGCTATCAA	55.4	122	Genic	Ca6	24448426	the R2R3 factor gene family
CaSSR364	(TC)6	ACCAACTCACATCTAGAAGCA	TGATCTTCCATCTTATTTCA	55.0	157	Genic	Ca6	24448740	the R2R3 factor gene family
CaSSR365	(TAG)6	TGCAAAACCACTTTCTCTTCTG	CGAATCACAAAATCCATCCC	60.1	140	Genic	Ca6	26357912	GRAS family Protein, transcription factor

CaSSR366	(TAG)7	AAGCCTTCTATATTGCAAAAC	CAAAATCCATCCCTAGAACTT	55.4	146	Genic	Ca6	26357925	GRAS family Protein, transcription factor
CaSSR367	(ACT)7	TGGATAACCCCTTTCTTCTTC	AGCATTGGTTTTATGTAACGA	55.1	145	Genic	Ca6	26358317	GRAS family Protein, transcription factor
CaSSR368	(AGAA)5	GTGATCTGTCATCGTTTCAAT	AGGAAGCTTTGAGAAAAGAGAA	55.0	141	Genic	Ca6	26358709	GRAS family Protein, transcription factor
CaSSR369	(AG)6	GCTATCGCCGATCAAGAGAA	TTCTAAGCTTTGGAAGAGATCCA	59.5	236	Genic	Ca6	26765102	Ras-related small GTP-binding family protein
CaSSR370	(ATT)8	AAAAaCCCGTGTGCTTTATTT	AGGGCAATATGCGATTCATT	57.6	256	Genomic	Ca6	26878517	
CaSSR371	(AT)14	CCATGCTTGACGTTCTCT	GCCTTTCTTTCTTTGGGA	58.9	279	Genomic	Ca6	29119837	
CaSSR372	(GTG)4	GAGGAAGTTACCAAAAGCAAC	GGTTACATGTTTGCAATTCAT	55.7	162	Genic	Ca6	29256025	C2H2-type zinc finger family protein
CaSSR373	(TAT)32	TiCACTTGTCAAGTACAACCTATTiCA	GGAATGTGCCAACATCAGAA	58.5	273	Genomic	Ca6	30258394	
CaSSR374	(TA)10	GCGTTAGCGTCCCTTGACTTC	TGAAGTGGTATATCTTAAACCCAGGA	60.0	257	Genomic	Ca6	30465376	
CaSSR375	(AGA)7	GACCTCGAAATGAGAAGCG	GCATCGTCATCTTTGCTTCA	60.0	109	Genic	Ca6	30580648	DNA-binding protein that binds to plastid DNA non-specifically
CaSSR376	(AAT)7	AGCGATTACCTTGAATGTGAGA	TCACACACATGGACCGAGTT	58.9	273	Genomic	Ca6	31079517	
CaSSR377	(TA)10	GGAGACAACCTTCTTCAACCAA	AGCCACTTCATTGACTTGTCTC	58.4	203	Genomic	Ca6	32082396	
CaSSR378#	(ATT)9	CATTCCCATATTTCTCCCG	AAGACAATCGAATCCAACGG	59.9	266	Genic	Ca6	32200864	Expressed protein
CaSSR379	(GAA)6	TGTTCTGAATCTGTTTCAGG	ACTTCTCTGTCATGCAAGGT	55.4	150	Genic	Ca6	37387965	ovate family protein 4 (OPF4)
CaSSR380	(CTA)8	TGTTGCTCCTTTCTTTGCCT	GAGCATGTGGTGAAGCAGaA	60.0	152	Genomic	Ca6	37974670	
CaSSR381	(AG)12	TACCACCTTTTATACGCTGCAC	ATGAATGAACGAATGTGACTC	55.7	145	Genic	Ca6	38814576	HAIRY MERISTEM 3 (HAM3)
CaSSR382	(AT)11	TTTTGTGTTTTGTCAAATGTAATATGC	AAGCGAGAAGTACGGAACC	58.6	244	Genomic	Ca6	41910782	
CaSSR383	(GGA)7	TTTTGGAGGAGGAGATATAGG	AGTCATTTGTAATGGCATCC	55.1	163	Genic	Ca6	42715963	Dof-type zinc finger DNA-binding family protein
CaSSR384	(TA)11	CCCATAGAGAGCCCAACAAG	GGTCCICTTTCTTCCGTCG	59.7	252	Genomic	Ca6	43988772	
CaSSR385	(AC)7(AT)6	CTTTCCATTTCCCATCACAA	AAGTCCTTGCAAAACAATCTCC	58.4	218	Genomic	Ca6	47487429	
CaSSR386	(TA)10	TGAAAATTACGTACGGCACA	GATGACTTGTCTCGTCGCA	59.1	153	Genomic	Ca6	49250840	
CaSSR387	(CT)15	CACATGTTCTTGCAACCCTG	ATTCaAAACCCaGAAAGCCC	60.2	154	Genomic	Ca6	50249027	
CaSSR388	(AG)16	AAACGCCTTGTCACCTTTTG	AATgGGGTGTTGATTTGGA	60.1	233	Genomic	Ca6	51773961	
CaSSR389	(AT)9	CCiGCACTACAGAGGTCT	AAATACGTGTCTGCACGTCG	60.3	277	Genomic	Ca6	52161279	
CaSSR390	(TTA)7	CTCCTCAACCGCTGCATTAT	TGGTGGTCTTCTTCTACGTT	60.2	259	Genomic	Ca6	53565894	
CaSSR391	(CAA)7	TCAACTGTTCAACAACATCCT	GAGGAGGAGCACAAGAAGTAT	55.6	163	Genic	Ca6	53652536	basic helix-loop-helix (bHLH) DNA-binding superfamily protein
CaSSR392	(AAT)6	CGGTAAGAGAAGAAGCCACG	TGCATTCAATTCAATCCACA	59.9	280	Genic	Ca6	56766583	putative galacturonosyltransferase activity
CaSSR393	(GAA)6	GAATGGGAGGAAGTGGTTGA	CAACCCAAACCCCTCTCTA	60.0	198	Genic	Ca6	56796755	RING/U-box superfamily protein
CaSSR394	(AC)11	ACCGAAGAGTTTGTGGACG	GCTGCACTCATGGATGTGAC	60.1	137	Genomic	Ca6	56978935	
CaSSR395	(AT)7(AG)8	TCACCAACTCGTTGTTACCTTT	TCAATAAACAAATTCACATTCAAG	60.0	271	Genomic	Ca6	57785268	
CaSSR396	(AAG)6	TCGAGGATCTGATGAAGGAAG	TTCAGTTTCAAGCAATCACC	59.7	236	Genic	Ca6	58296246	Major facilitator superfamily protein
CaSSR397	(TGTTCA)4	GAATCACAGCCATTAACCAT	GACAGTGTGGAAAGCAAAAG	55.0	147	Genic	Ca6	58334307	transcription factor CIB1 (cryptochrome-interacting basic-helix-loop-helix)
CaSSR398	(TA)6	TTGCTTTGAAGAAGGGGAAA	CCACTGCTGTCTACACTGC	59.5	155	Genic	Ca7	1283953	Expressed protein
CaSSR399	(AGA)7	AACGATTCCAAAAGTTACGAT	GGGTTTCTGAATTAGTTCAT	55.5	145	Genic	Ca7	1371794	WRKY Transcription Factor
CaSSR400	(CT)6(CA)7	TTTACACCCCTAATTCGCC	CAATTCGGCCAAAGACATT	59.9	151	Genomic	Ca7	1691706	
CaSSR401	(TC)8	CGATCAGTTAAAACCGCACA	TCTTCGACGAAACAAGCAA	59.7	241	Genomic	Ca7	2219240	
CaSSR402	(TTA)7	GGGACAAGTCAGTCGGTAA	ACACCACCACAGTAGGAA	60.3	196	Genic	Ca7	2222564	Expressed protein
CaSSR403	(AAT)7	ACACCACCCACAGTAGGAA	GGGCAAGTCAGTCGGTAA	60.0	196	Genic	Ca7	2222759	Syntaxin/t-SNARE family protein
CaSSR404	(TTC)7	AATGGAAGTGAAGTAGTGGT	CTCCAATCCAATTTCCATAAT	55.3	139	Genic	Ca7	2334917	AP2 family of transcriptional regulators
CaSSR405	(TAT)5	CGCCACAACAACCCATATC	CGAAAGAAATTGATGCGAGA	59.0	202	Genic	Ca7	2944747	casein Putative protein kinase 1 protein family
CaSSR406	(TC)12	TCACTCCCTCGATCCTCAAC	AGAAACTTGGCAAAAGCAGC	59.6	280	Genic	Ca7	3046324	MAP Putative protein kinase Putative protein kinase 2
CaSSR407	(TGC)4	AGATTTGTGATTCAAGTCAGC	TCAACAGCAACAACAGTTACA	54.5	174	Genic	Ca7	3356103	Putative auxin response factor
CaSSR408	(AAG)10	CGGCCATTGAAATGAAAA	GTTGGAAACAAACAGCCCTT	60.0	276	Genic	Ca7	3393987	plastidic beta-ketoacyl-ACP synthase II

CaSSR409	(TCT)4	CAAATTGATGCTTATCAAACC	AGAAGGAGGAGAGATGCTTAG	54.9	159	Genic	Ca7	3750508	the Aux/IAA family of proteins
CaSSR410	(TA)8	AACGCTCCAACGCTTAAAAT	ATGTATGAAACAAACAAACACGA	58.0	266	Genomic	Ca7	4219629	
CaSSR411	(CT)10	ATTCTCCTCATAAGCCATTCT	TTCTCGATCTATACGTCAACC	54.7	150	Genic	Ca7	6057942	A Class II KN1-like homeodomain transcription factors
CaSSR412	(ATTC)6	AGAATTCACAACCCACCGAC	ACATCACCTCCTCCGTTAC	60.0	240	Genic	Ca7	7785589	serine/threonine protein Putative protein kinase.
CaSSR413	(TC)11	CCGATACCGGAGGATGTAGA	CCCAAACCTCGACCTTGTGT	60.0	239	Genic	Ca7	8489146	HNH endonuclease
CaSSR414	(CTT)7	ATCACAACTGGTGGTAGCC	TCTTCTCTCCTGGGGATCA	59.7	265	Genic	Ca7	8615603	TCP family transcription factor
CaSSR415	(CTT)9	TCGACATGATAACACAAGTCA	TAAGATCAAACAAACCTCACG	55.0	163	Genic	Ca7	8615627	TCP family transcription factor
CaSSR416	(TAT)7	CATCAACGACGACGAGAGAA	AACACTTGCCGTTGGTTAC	60.0	214	Genomic	Ca7	8921807	
CaSSR417	(AGA)6	GAGGAGGTGAATTTGGCAGA	TGTTGGTTCTATTAACCCCAT	59.5	217	Genic	Ca7	8979287	Dynein light chain type 1 family protein
CaSSR418	(AAGAAC)3	ATACTTCCCCTGAAGAAGATG	CCACGAACCTCTTAACCTTT	55.0	142	Genic	Ca7	9867339	C2H2-like zinc finger protein
CaSSR419	(AT)11	CCACATCCACAACACAACA	TGTTCAACCAACCAACTCA	58.8	267	Genomic	Ca7	9969630	
CaSSR420	(AGA)12	GGAGCTGTGAACGGTGAAT	CGAAACGCACCCATTTTGT	60.1	207	Genomic	Ca7	10031195	
CaSSR421	(TGAATT)4	TGAACTATCCCTTTAGGAAC	GAAGTTGATGAGTTTGAATTCG	55.0	153	Genic	Ca7	10115566	ERF (ethylene response factor) subfamily B-3 of ERF/AP2 transcription factor family (ATERF-5)
CaSSR422	(TC)7	CCCAGAAAAGAGAAAACGCA	ATTTCTCAACTGTCTCGCCG	60.4	269	Genic	Ca7	10296770	Inositol phosphorylceramide synthase
CaSSR423	(GTG)4	AAGAGTTCAAGAATTGAAGG	AGCCATAGAGAAAGTGGTTTT	55.2	149	Genic	Ca7	11192806	homeobox protein HAT22, the HD-Zip II family.
CaSSR424	(AC)8	CGTGGGACGAAGTGAAGTCTT	AGTTTGGCGCTGAATTTGAC	60.3	230	Genomic	Ca7	11425179	
CaSSR425	(AGA)6g(A)10	TTCTTCTTAGAGCACAAACCC	TCCTCTCTCCGTTACCCA	59.8	190	Genomic	Ca7	11656778	
CaSSR426	(AT)7ag(T)11	TTCGTTTTTCATTTTTCTCAGC	ACAACGTCGCACTAAAACGa	59.8	172	Genomic	Ca7	11960437	
CaSSR427	(ACACAA)4	CCTCTCTTATTTTGTGTCAAC	TGAAACTGTCCGTTCTGTAAC	54.9	165	Genic	Ca7	12021104	WRKY DNA-binding protein 15 (WRKY15).
CaSSR428	(TA)10	TTTGCAAATGGCTCACTCAT	TTCAAATGAAATATTTCTTCCG	59.3	233	Genomic	Ca7	14610251	
CaSSR429	(TAT)5	AAACTTGAGGGCAAGCCTTT	CAAAACACAGAGTTGAAGGAACA	59.3	103	Genic	Ca7	14738300	flavanone 3-hydroxylase
CaSSR430#	(AG)12	AAGCAGAGACCCATGTGGAG	AGTGGGGAGGGAACAAACT	60.3	233	Genomic	Ca7	15721218	
CaSSR431	(ATGG)3	AGGTTTACCATCAGCTTCACT	TCCTTATGTTGCAATGTATCC	55.6	157	Genic	Ca7	17777145	G group bZIP transcription factor family member
CaSSR432	(ATGG)3	AGGTTTACCATCAGCTTCACT	TCCTTATGTTGCAATGTATCC	55.6	157	Genic	Ca7	17777145	G group bZIP transcription factor family member
CaSSR433	(TTC)7	GTCTTGGGAACCTTGCGTTA	GATGCGTAACTACAACCGCA	59.8	160	Genic	Ca7	18618008	Tetratricopeptide repeat (TPR)-like superfamily protein
CaSSR434	(ATT)28	TGAACAACTCAAATAAACAACTTCC	TCTCACTAATCCaAAACaCCaAAA	59.8	257	Genomic	Ca7	19594142	
CaSSR435	(CT)18	ACCGCCTCAATTTCTTCTTA	TAATTTCAACGGACAGTGTCTT	56.6	148	Genic	Ca7	19831349	PLATZ transcription factor family protein
CaSSR436	(TTC)7	AGTGATTCTCTGTCTCTGCTGC	AGAATAGAAAACGGCAATGTT	54.5	155	Genic	Ca7	19942079	basic helix-loop-helix (bHLH) DNA-binding superfamily protein
CaSSR437	(TTC)7	AGTGATTCTCTGTCTCTGCTGC	AGAATAGAAAACGGCAATGTT	54.5	155	Genic	Ca7	19942079	basic helix-loop-helix (bHLH) DNA-binding superfamily protein
CaSSR438	(GAA)8	AACATCATCATCAAGTTGGAG	TGAAGAAGAACACTTAATGG	55.1	154	Genic	Ca7	20120406	putative transcription factor; KANADI family
CaSSR439	(TAT)6	GGTTTGTCCCTTTACTTGT	CTCTCAACTGAACCTACCT	55.0	141	Genic	Ca7	20231155	Floral homeotic gene encoding a MADS domain protein homologous to SRF transcription factors
CaSSR440	(TA)11	TATCTCCACTCCCTCGTTCC	TGTTCTAGCAGGACCTTCC	59.1	197	Genomic	Ca7	21614939	
CaSSR441	(AGC)4	CTGGTGTATTTTCGTCAGTC	GATTCAAAATAGGGGTCTCAC	54.9	153	Genic	Ca7	21805504	Putative transposase
CaSSR442	(TTGGAA)3	ATGATGTTGGTGTTCAGAG	TAATATCACTGCGAAATCCAC	55.1	159	Genic	Ca7	24021097	homeobox protein 34 (HB34)
CaSSR443	(AT)13	CCGCAATCATATCAACTTtGTG	CCCTTCCAATCTTCAATCC	60.4	243	Genomic	Ca7	24412796	
CaSSR444	(AT)6(AC)6	ATGCAAAGGTGTTTCGTGTG	CAAAGTGAGGATGAACCAATTC	59.6	229	Genomic	Ca7	27443030	
CaSSR445#	(AG)14	AGCGGTAGGTACTTAAGAAGG	AAGCTGTCTCCTAAATGGAAG	54.7	155	Genic	Ca7	28547368	SBP-box gene, a the SPL gene family
CaSSR446	(AATT)6	GCTCCTCCATTAACCTATTTT	CAACTCAAGCTCAATGTTTT	55.5	168	Genic	Ca7	28548004	SBP-box gene, a the SPL gene family
CaSSR447	(AG)6(A)12	TTGAATCGAAATGGGTGTGA	cCCCTTTGCCTTATTCCAT	59.9	197	Genomic	Ca7	29567814	
CaSSR448	(AT)21	TCGGATTAGTCATGaGAAa	GGATAATACGAgTTTGTTCGAA	58.4	205	Genomic	Ca7	30653052	

CaSSR449	(TC)12	CCCCTCcATCTACTGTTTCC	AAACCTAGCTTGGCAAAAACC	58.4	252	Genomic	Ca7	31192294	
CaSSR450	(TA)10	GTGACGGCCTCCTTAACAAC	TTTTGGTGGAACTTGCCi	59.6	264	Genomic	Ca7	31642295	
CaSSR451	(TTGTGA)4	TTTGAAGGTCTTGTGTGT	AGTGCAAGAGCTATGACAAAAC	54.9	151	Genic	Ca7	31893675	indeterminate(ID)-domain 11 (IDD11)
CaSSR452	(TTGAGT)3	GACAAAGCTATAACCTCAGCA	CAGGAAACAGAAGTGAATTTG	54.9	148	Genic	Ca7	31894863	indeterminate(ID)-domain 11 (IDD11)
CaSSR453	(TTTGAT)6	CAAGAAGGTGAAGTTAAAGCA	TCCTCAACAACAACAACAACA	55.0	155	Genic	Ca7	32855952	Growth regulating factor, transcription activator
CaSSR454	(TTTGAT)6	CAAGAAGGTGAAGTTAAAGCA	TCCTCAACAACAACAACAACA	55.0	155	Genic	Ca7	32855952	Growth regulating factor, transcription activator
CaSSR455	(TC)8	TCCAATGAGTTGTGACGAA	CGGAGATGAATTTCCGAGA	60.1	201	Genomic	Ca7	33218307	
CaSSR456	(AAT)9	CAAACGGAGAGGGATGAAGA	TGATCCATGCTTTTCCAAAT	58.0	270	Genic	Ca7	33782743	Putative 1-phosphatidylinositol-3-phosphate (PtdIns3P) 5-Putative protein kinase
CaSSR457	(ATG)4	CTTCTCCATCAACAACAAATC	CTTGTTTCCAAGTGACAATTC	54.8	161	Genic	Ca7	34320789	NGATHA3 (NGA3)
CaSSR458	(ATC)7	ACCAACCTACAAGTCTCTTC	GTTATGCATCTCATGGTGAAC	55.0	142	Genic	Ca7	34923150	protein containing Dof zinc finger motifs
CaSSR459	(ATC)4	TCTTGAATCCAGCAGATTTAG	TGTATTTCTCTTTTCTCGTG	54.8	150	Genic	Ca7	35180540	basic helix-loop-helix (bHLH) DNA-binding superfamily protein
CaSSR460	(TA)11	ACTAATGCCAATCGCTCAGG	ATGTGATGCGTGGTTGAGTC	60.2	267	Genomic	Ca7	35187940	
CaSSR461	(CAAGCC)3	ATGTCCATGCAAGTAAACAAG	CGACGACCTCTACCTTCTACT	55.3	137	Genic	Ca7	38472298	TCP family transcription factor
CaSSR462	(AAT)45	GTCATTTTCAACTGACTCATATTCAT	TTCTATGGaAAcCAGTGAGC	57.8	247	Genomic	Ca7	42333636	
CaSSR463	(ATG)5	TACGGAGGCTATGGATGGTC	CACCTTCCACTCCTTTGTGTC	59.9	194	Genic	Ca7	48439099	Expressed protein
CaSSR464	(AAT)24	TCACCTTCATTGTTGGTCGT	TTGTAATTTGTGGCACCCAG	59.0	256	Genomic	Ca7	48752339	
CaSSR465	(TTC)5	CCCTCTCTCTACGACACCG	CGGTGGaCATCCTCGTATCT	59.9	279	Genomic	Ca8	1930653	
CaSSR466	(AG)6	TGTCAAAGCGAGAATTCCA	GGAAGCAGCTGGTTTTGTTG	60.8	280	Genic	Ca8	2001637	protein with hydroxymethylglutaryl-CoA synthase activity
CaSSR467	(ATA)7	CAAAGGGGAAGAAGTGTTC	GCCATTTCTGGAGTTGGAAA	59.7	219	Genomic	Ca8	2524466	
CaSSR468	(TGAT)3	GCTCTAAGACCCAATGTTTT	GAATCAGTGATGAAGAAGACG	55.2	151	Genic	Ca8	2557055	homeodomain-leucine zipper protein
CaSSR469	(CAA)7	TTTCAACAATGCCAACAAA	TGGAAGAAGGGGAAGAAACA	59.8	211	Genic	Ca8	3154215	basic helix-loop-helix (bHLH) DNA-binding superfamily protein
CaSSR470	(AT)6	TTTTCAAAGAACCCCAACAGA	AGCAGACATTTGTGCAGTG	59.9	159	Genic	Ca8	3763063	Chaperone DnaJ-domain superfamily protein
CaSSR471	(ACT)7	CAAACCCCAATGCCACT	TTAGCTGAGCTGTTTGGCG	60.3	205	Genic	Ca8	3945750	Phototropic-responsive NPH3 family protein
CaSSR472	(TGA)5	TCCAATTCCTCACAACCACA	CTCTTAACTCCGCCGTC AAC	59.9	197	Genic	Ca8	4243742	Homeodomain-like superfamily protein
CaSSR473	(TTA)9	AAGTTGAGGAAGGGATGGT	TAGTGGGCTTCGTATTTGGG	59.8	274	Genomic	Ca8	4270429	
CaSSR474	(TGT)7	ATATTTTTGTTGTTGGTGTGCG	GAAGCCAATGGTAGAAGAAAT	55.2	155	Genic	Ca8	4623460	BEL family of homeodomain proteins
CaSSR475	(TGT)7	ATATTTTTGTTGTTGGTGTGCG	GAAGCCAATGGTAGAAGAAAT	55.2	155	Genic	Ca8	4623460	BEL family of homeodomain proteins
CaSSR476	(AG)6aaagaga(GT)	CGCGAAGGAAAGAGACGAG	TGCAGGGTATGAAAGGATGA	60.4	141	Genomic	Ca8	4628934	
CaSSR477	(TTC)4	TAGATCTCACACACACAATGG	GTTATGGTGTGAATTTTGAGG	54.4	143	Genic	Ca8	5196644	homeobox protein 24 (HB24)
CaSSR478	(ATT)4	TCTACAGACACAAAAGGGGT	CACCTTATCTGTGCACTCTTT	54.9	150	Genic	Ca8	5411626	SHI gene family protein
CaSSR479	(AG)7	CACAAAAGGGGTAAGTGGTCA	CGCATTCAACTCATTCTGTG	59.7	232	Genic	Ca8	5411634	SHI gene family protein
CaSSR480#	(TTGAG)4	AATCCAATCGAAGAGAGAGAG	ACTCTAGGGTTTTCACTTTCC	55.3	154	Genic	Ca8	5569895	DNA binding
CaSSR481	(GAA)6	TGCAAGTTAACACGAGCACC	TTCCAGCAAAATTTTGAACC	59.9	189	Genic	Ca8	5822343	Chalcone-flavanone isomerase family protein
CaSSR482	(GGT)5	TCCTCTTCGACAATTCGCTT	GAAGGAATGGTGTCTTTTGG	59.5	173	Genic	Ca8	6160737	Expressed protein
CaSSR483	(TCT)8	TTCAATCTCTTCACGCCCTT	GAAGGTTTCGAGTGCCTCAG	60.0	160	Genic	Ca8	6688803	Pentatricopeptide repeat (PPR) superfamily protein
CaSSR484	(AAG)8	GAACCAACATGCACAATGC	TCCTGCGTATCTGTCTTTGT	60.0	278	Genomic	Ca8	7731588	
CaSSR485	(CTA)7	CACAAGGGTTTATGATAGTGC	CCATGATAAGAAGACAACCTG	54.9	150	Genic	Ca8	8364902	homeobox-7 (HB-7)
CaSSR486	(AGA)4	TGAGATTGGTGAAGAAAGG	AATTTGTCCACCTTAGCCTAC	54.6	155	Genic	Ca8	8639326	the R2R3 factor gene family.
CaSSR487	(AATAAC)5	TCACAGAAGCAGAATCAAAGT	CAAAACTCAGAATCTCACCAG	55.2	148	Genic	Ca8	8841425	MYC-related transcriptional activator
CaSSR488	(AT)9	AGGCCAGTTGACCATATGC	GCTGGAACCATTTCCAATGT	60.1	171	Genomic	Ca8	10925248	

CaSSR489	(TA)10	TTgaATATTGTGTTTGATTCCTTT	CCCTCATATTCAAAACAATCCC	58.1	219	Genomic	Ca8	11159303	
CaSSR490	(AT)10	CAAATCAATATACAACACATCACTCC	CTTGCTCCTACGTATCCCCA	58.8	215	Genomic	Ca8	12030526	
CaSSR491	(TA)10	TGTCTTCAAAGGATAACTCATGC	TCATTTTGAGTGTGAAGATTATgG	59.7	207	Genomic	Ca8	13144169	
CaSSR492	(ACA)5	CCCAGATACAATGCATACGCT	CCGATTTTCCTTCCTCAACA	60.0	222	Genic	Ca8	14017713	Expressed protein
CaSSR493	(CCT)5	CATCATCTGTTGCCTCTTAGT	ATGAAGATGATGATTCGATG	54.5	167	Genic	Ca8	14955395	Alcohol dehydrogenase transcription factor Myb/SANT-like family protein
CaSSR494	(ATCAA)4	AAGTACTGTGAATGCTTCCAA	CTTGCTGAATATACGTGTGGT	55.1	156	Genic	Ca8	15220963	Tesmin/TSO1-like CXC domain-containing protein
CaSSR495	(ATCAA)4	AAGTACTGTGAATGCTTCCAA	CTTGCTGAATATACGTGTGGT	55.1	156	Genic	Ca8	15220963	Tesmin/TSO1-like CXC domain-containing protein
CaSSR496	(TCT)4	TAAATCGCCTAGAGATGTTCA	CATAACTTGTCCGAGTCTTG	55.2	155	Genic	Ca8	15607448	DREB subfamily A-4 of ERF/AP2 transcription factor family

*CaSSR *Cicer arietinum* SSR

seven informative genomic and genic microsatellite markers discriminated all the 94 cultivated and wild *Cicer* accessions from each other