Primmer Name	Primer Sequences(5'-3')	Location	Chromosome	Type	Reference
BrID10983-F	CATAAAGTTATGTGAGCCAGG	25561	Chr1	InDel	(Wang et al., 2011)
BrID10983-R	CTGGATTTGTCAGTTTCCAT				
BoE667-F	TCACGCTTTTCTCGATCTCACTGT	4517352	Chr1	SSR	(Wang et al., 2011)
BoE667-R	ATCTTCCTCTTCCCGCCTCTAAAT				
BrID10433-F	CGTCACTTATACGGTTCACA	23009663	Chr1	InDel	(Wang et al., 2011)
BrID10433-R	AACCCACTACTCGCTCTTCT				
BrID10879-F	GATTCTGTCCACCCTACAAA	25536970	Chr1	InDel	(Wang et al., 2011)
BrID10879-R	GTTTTGTCAGCCCTAAGATG				
IDA01078-F	TCGTGCTCAGTGATGAAACCG	14935736	Chr1	InDel	(Liu et al., 2018)
IDA01078-R	AAGAAGCGTGATGGACTCTGTCT				
A01_22499672_0-F	CTTCTCATCGGCCATCTTCT	22499606	Chr1	InDel	http://brassicadb.org/brad
A01_22499672_0-R	CTCCTCTCCTTTGCGTGTTT				
BrID10415-F	GACTGAACTCAGCCTATTGC	4240141	Chr2	InDel	(Wang et al., 2011)
BrID10415-R	GGAACAAAATTGCAGAAGAC				
BrID10597-F	TCTCGTCTCTTTATCTGCTTG	6823329	Chr2	InDel	(Wang et al., 2011)
BrID10597-R	CAACTTCTCGACTCCTTGAG				
BrID10845-F	CAAAGCAACAAGGGAATATC	9992299	Chr2	InDel	(Wang et al., 2011)
BrID10845-R	GATGTGTAACCAAAGAGTGTTC				
BrID10551-F	TTCAAGTTCCAATGTCTGAG	10866551	Chr2	InDel	(Wang et al., 2011)
BrID10551-R	ATACTACCACTTGGCCAGAA				
BrID10555-F	TGACTTTGGTTCTCAAATCC	13057839	Chr2	InDel	(Wang et al., 2011)
BrID10555-R	ACTTCTCCACCAGTCCATAA				
IDA02084-F	TTGGCGTTGATGGTTTAAAATG	8000128	Chr2	InDel	(Liu et al., 2018)
IDA02084-R	ACGGATGGTGTATACGAGGTGC				
A02_26930803_0-F	CTGATCCTGGAAATGGTATGCT	28930748	Chr2	InDel	http://brassicadb.org/brad
A02_26930803_0-R	TGACGGGTAGAGAAACAATCG				
BrID10523-F	TATCACAGCCCTTTCATCTC	504755	Chr3	InDel	(Wang et al., 2011)
BrID10523-R	CTAATGCTGCTACTTATGCG				
BrID10531-F	GATAGGTTCACGGAAAACAG	2743852	Chr3	InDel	(Wang et al., 2011)
BrID10531-R	CAGTTAGCAAGTTCTTTGGG				
BoE76-F	GCCCATCTCAGTTTTTCAA	14497031	Chr3	SSR	(Wang et al., 2011)
BoE76-R	AGCGCGGCGTGGTTCAGT				
B126.3-F	GGAAGATTCAAAGTCGAGTG	21777239	Chr3	InDel	(Wang et al., 2011)
B126.3-R	GTTGGGTTCGTTGTATCATC				
IDA03048-F	ATGACTCATATGCCATGCAACAT	3069982	Chr3	InDel	(Liu et al., 2018)
IDA03048-R	ATTAACGCTACTCCGAAGAACAAG				
BrID101249-F	TTGCATAGCACATGTAGGAG	4009990	Chr4	InDel	(Wang et al., 2011)
BrID101249-R	GAACGTCTACTTATGGAGAACA				
BrID10645-F	GCAGAGGAAAACAATCAGAC	7800459	Chr4	InDel	(Wang et al., 2011)
BrID10645-R	AAGCGTCGACTTGAAATCT				
BrID10779-F	CCCTCCTTAACACAAGAAAA	12346011	Chr4	InDel	(Wang et al., 2011)
BrID10779-R	CGAGAAAACTATGTTGTGGC				
A04_10005101_0-F	CAAATCTGCGGAATTGAGTC	100051082	Chr4	InDel	http://brassicadb.org/brad
A04_10005101_0-R	GGTTTGGTTTAGGGATGGAA				
A04_6032341_0-F	TGGTCAACAACATGGACACA	6032280	Chr4	InDel	http://brassicadb.org/brad
A04_6032341_0-R	GCCACTTTCTTGAAGCCTGT				
BRMS034-F	GATCAAATAACGAACGGAGAGA	1804360	Chr5	SSR	(Sui et al., 2014)
BRMS034-R	GAGCCAAGAAAGGACCTAAGAT				
IDA05053-F	AGAAAAAGGGCAGACCCAGTT	4302671	Chr5	InDel	(Liu et al., 2018)
IDA05053-R	CCGATGACGACGGAATCAG				
BrID101017-F	TGGGATCTGAGAGAGAGAGA	21971400	Chr5	InDel	(Wang et al., 2011)
BrID101017-R	AACAATTGGTGACGATGTG				
BrID10895-F	GACAGCAACAACAACAAGAA	2101664	Chr5	InDel	(Wang et al., 2011)
BrID10895-R	TTCCCCAGTAAATAACCTCA				
BrID90357-F	TGGCAGAAACAACCAAAGAG	22103736	Chr5	InDel	(Wang et al., 2011)
BrID90357-R	TGTGGATAGCAAAGGCTGAG				
BrID10141-F	GAAATTTACAGAGAGAGCTTCG	4548084	Chr5	InDel	(Wang et al., 2011)
BrID10141-R	CCAAAGAGATTTTCGGGATA				
BrID90105-F	GAAATACTACACATTTTCCAAAACAAA	124254	Chr6	InDel	(Wang et al., 2011)
BrID90105-R	TCGATAGGTAGGGTGCATTTTC				
BrID90205-F	ATCACCAAAACGGACAAAAA	4931317	Chr6	InDel	(Wang et al., 2011)
BrID90205-R	AAATTAAGAACCGAACACCACTG				
BrID10647-F	TGTACTTTTTGTTCCGTTGG	7090572	Chr6	InDel	(Wang et al., 2011)
BrID10647-R	TTGGGAAAAGGAAATCTACC				
BrID10407-F	AAGGAGAACACTTTGAATCG	5132171	Chr6	InDel	(Wang et al., 2011)
BrID10407-R	TCTCGCTAACAGATACGTCC				
BrID101157-F	CGAGTCGATATTAGGGGATA	6206020	Chr6	InDel	(Wang et al., 2011)
BrID101157-R	GAATTTCGATGTCGTGGA				
BrID90005-F	GCCATATGTCTGCAAAAGAAA	8516507	Chr6	InDel	(Wang et al., 2011)
BrID90005-R	TCTAATCCATTGCCCACAAA				
BrID10629-F	AGAACAGAACGAAACAGCAT	22602743	Chr6	InDel	(Wang et al., 2011)
BrID10629-R	GGAGGAGGAAGAGGAAAGTA				
BrID10627-F	AACACAGATCCAATCTAGCG	16242551	Chr6	InDel	(Wang et al., 2011)
BrID10627-R	GTCCTTAGGCCAAGCATT				
cnu_m149a-F	GGAAGCCTCTGTGCGAAAAA	8241860	Chr6	SSR	(Sui et al., 2014)
cnu_m149a-R	TGCCGACGATTTGATAGAGGA				
IDA06087-F	TGCCATAGCCACGACTTGC	17028350	Chr6	InDel	(Liu et al., 2018)

IDA06087-R	CCTTCTTTCTCGCCTGATGTTCT				
BrID10283-F	CGGTTAGGTCGTAACTCGTA	10970888	Chr7	InDel	(Wang et al., 2011)
BrID10283-R	CTCTTCATACGCAAGTCTTT				
BrID10487-F	TCCCTTACAAGTTCATGGAT	14946229	Chr7	InDel	(Wang et al., 2011)
BrID10487-R	ATGGTAGCAACAAAACCAGT				
BrID10499-F	CAATCGAGATAGCAATGAGA	17096830	Chr7	InDel	(Wang et al., 2011)
BrID10499-R	TCTTTTCTCATAACTCCCCA				
BrID101105-F	CCAATAACACTCTTGGACCT	23308887	Chr7	InDel	(Wang et al., 2011)
BrID101105-R	AGAGAATATTGGTCCGGATT				
BrID10349-F	ACTTGCGATCATGAGTTCTT	22536792	Chr7	InDel	(Wang et al., 2011)
BrID10349-R	GATGCCTTAAGAGAAGCAAA				
BrID10347-F	GAAGCGTTCGTAGCAAAATA	23156948	Chr7	InDel	(Wang et al., 2011)
BrID10347-R	AGATGCGTAGCTTTTTCAAG				
BrID10811-F	GAAGCGAAAGGTGAAGGTAT	141407	Chr7	InDel	(Wang et al., 2011)
BrID10811-R	CATTTGGACCGGTGAGTAT				
A07_10025040_0-F	CAGTGCCTAGGTTTGTGATGA	10024997	Chr7	InDel	http://brassicadb.org/brad
A07_10025040_0-R	CTTCGTCCTTCACCAGGTTT				
A07_17505264_1-F	CTCCTCCAAAGTAGGGCTTG	17505196	Chr7	InDel	http://brassicadb.org/brad
A07_17505264_1-R	TCGAGCCAGTGGATGAGATA				
BrID10839-F	AGGAACAATACCCATTTGTG	6691404	Chr8	InDel	(Wang et al., 2011)
BrID10839-R	GGTGTTTGTGTGTTCGGTA				
BrID10783-F	CTAGAGGCTGATGGATAATTG	11689968	Chr8	InDel	(Wang et al., 2011)
BrID10783-R	GCACAACAACACGATCATTA				
Ra2E12-F	TGTCAGTGTGTCCACTTCGC	12261320	Chr8	SSR	(Wang et al., 2011)
Ra2E12-R	AAGAGAAACCCAATAAAGTAGAACC				
IDA08012-F	CTGGTTTAGGAAAAGAAGAAAGCA	2313431	Chr8	InDel	(Liu et al., 2018)
IDA08012-R	GGACAAGAATGGACTGTTGAAAAA				
IDA08029-F	GAGGCAGTTAAATCTCGACCCT	12766564	Chr8	InDel	(Liu et al., 2018)
IDA08029-R	TTCCATTTTCTTCCACATGCTC				
BrID10809-F	ATCAAGCAGACAAGGAACAC	853227	Chr9	InDel	(Wang et al., 2011)
BrID10809-R	CTTGACTTCCTAAGGGTTCA				
BrID10829-F	TTCAATGGAGAGACAACACA	362684	Chr9	InDel	(Wang et al., 2011)
BrID10829-R	TCCTTTCGTTTGGTACAACT				
BrID10853-F	CTGCATTTCATAACAACCAC	1562418	Chr9	InDel	(Wang et al., 2011)
BrID10853-R	TAAGGGGGAGATTACAGGTT				
BrID90019-F	GGAAATACTTCATTTTTATTTCCGA	4188228	Chr9	InDel	(Wang et al., 2011)
BrID90019-R	TGAGTCTTTGAAACTTAGAACGCA				
BrID10959-F	GATGAGCTTTGATTTACTGC	5394984	Chr9	InDel	(Wang et al., 2011)
BrID10959-R	GAGACTGATTTTGCCATCAT				
BrID90319-F	TCCGAGGTCATCTCCTTAGC	7108689	Chr9	InDel	(Wang et al., 2011)
BrID90319-R	ACACACGCTTTCATTGGGTT				
BrID101009-F	CGTATAATTCGTATCCAGGC	18154790	Chr9	InDel	(Wang et al., 2011)
BrID101009-R	GGATTTGCATCACCTAAAGA				
BrID90137-F	AACAGCCACACGCTCTAACC	24598803	Chr9	InDel	(Wang et al., 2011)
BrID90137-R	GCTCAGATCCGAAGGAGATG				
BrID10955-F	TCTACCCCATAACTGCATTC	26345808	Chr9	InDel	(Wang et al., 2011)
BrID10955-R	CAGCTAATGAAGCCAAAACT				
BrID10187-F	GCCATAAGTTAGGCAAAAAG	30097858	Chr9	InDel	(Wang et al., 2011)
BrID10187-R	CACGTGATTTGGTAAATTCC				
BrID90153-F	CCCCTACGTGGTGGCTATAA	38246126	Chr9	InDel	(Wang et al., 2011)
BrID90153-R	GATTTGGTTAAGCGGGTGAA				
IDA09080-F	GTTAAGCCAACACGCACCG	26427734	Chr9	InDel	(Liu et al., 2018)
IDA09080-R	TCAATAAGAGGAAGCGTCCAAGA				
IDA09112-F	CTTTGGGTTTATGAACTCACTTATCC	33760880	Chr9	InDel	(Liu et al., 2018)
IDA09112-R	AGCTGAGGGTGCAAGAGCAA				
BrID10339-F	CTCTCCGCCTCTCTCATT	738325	Chr10	InDel	(Wang et al., 2011)
BrID10339-R	CGCGTCTTTACTTGAAACTT				
BrID10905-F	AACATGAATACAATCACCCC	12053065	Chr10	InDel	(Wang et al., 2011)
BrID10905-R	CCTCTCAATGAGTCATCTTGT				
BrID10567-F	TGGAAGTATTTTGACTTGCC	12950580	Chr10	InDel	(Wang et al., 2011)
BrID10567-R	TGTGTGCTCACCTGTTTTAG				
BrID90398 -F	TCAATGAACACCAAGGACCA	15128983	Chr10	InDel	(Wang et al., 2011)
BrID90398 -R	TGTACTGAGTAACATAGAGAGAACCAA				
ENA18-F	TTAAAATGAAACCCACCCGA	15047329	Chr10	SSR	(Wang et al., 2011)
ENA18-R	TGTTGGGCAACATCCATTTA				
IDA10055-F	TCTCTGTAGTAACGTGGCAAGTTAGA	8105574	Chr10	InDel	(Liu et al., 2018)
IDA10055-R	CTCATATTCTATACATACTTGTGACGCA				
A10_12025634_0-F	CGCCGTCCCTTTGAAAATA	12025580	Chr10	InDel	http://brassicadb.org/brad
A10_12025634_0-R	GGCCACAACAATGACTACACTG				