

Table S5. Sequence and location of PCR primers

Primer name	Nucleotide sequence	Chromosome	Nucleotide ^a
CHR1.1-F	ttgttaaccaacatgcaattgcgaatc	1	522998
CHR1.1-R	tctcgtgagttaatatgaaaacttgttattcc	1	523187
CHR1.2-F	gcttagcttggtgtaacggatgagg	1	3774539
CHR1.2-R	tgtgtgtagtctggtggtgaaagctg	1	3775015
CHR1.3-F	ttaatcaggctggcctaatagccttt	1	7969890
CHR1.3-R	gtggatttgcagtgctagttccctca	1	7970182
CHR1.4-F	gatggcactcttcgggacggaaagat	1	11486951
CHR1.4-R	tttgcttgcaatgataccgctaggc	1	11487548
CHR1.5-F	gtgtctagccggcagaaaatcgtgtg	1	14544932
CHR1.5-R	tgcaggctcaattcgtgagcttagtc	1	14545134
CHR1.6-F	tgccaataactcctccaactccaatga	1	19265859
CHR1.6-R	tgcgatgactggtaaccgaactcttca	1	19266379
CHR1.7n-F	aaatccgaagagaaaaccggtgaaca	1	22502498
CHR1.7n-R	cctaattctcagcgaataacacaaaagaccaag	1	22502752
CHR1.8-F	aggtggctcaacaattcagacatcttca	1	26280217
CHR1.8-R	tcatgcagattgacaaaatctcccttttc	1	26280547
CHR1.9-F	gaaaaggagatgccgtttcgtccctac	1	30425560
CHR1.9-R	caaagtcggttcgattgggttttgt	1	30426060
CHR1.10-F	aaacgctggaatgaaccactttgct	1	27919865
CHR1.10-R	catctgaagcaccataaccaccaccag	1	27920045
CHR2.1-F	ttcagtagatcgagcttgcaaatggaga	2	748923
CHR2.1-R	cggacatgagtggtgattaagtggacc	2	749118
CHR2.2r-F	agaagaggagaagacgaaatgtttggag	2	4191023
CHR2.2r-R	cagaagcaaaagcagcgcagccagagt	2	4191264
CHR2.3o-F	cgagttttcaaggtatcttttgccgacat	2	8928456
CHR2.3o-R	gtggctaacgatgaacattgtccaagc	2	8928721
CHR2.4r-F	aggtgaatgtcgagctaagtttggtgc	2	11590986
CHR2.4r-R	catcttgcaactacagcatccgttg	2	11591416
CHR2.5-F	gctcctgctgttcacgagccttctact	2	15602732
CHR2.5-R	taaccaacatgtttaaacttgccgaacc	2	15603022
CHR2.6-F	caaacgatggtcgcagaccctaattggag	2	18659800
CHR2.6-R	gggtggcaatcaaactcctctctctct	2	18660187
CHR3.1-F	tgtcgtctcttctcaatggctatgtca	3	129269
CHR3.1-R	aagtttgttgcgatgaggctcggtct	3	129591
CHR3.2-F	tggaagtattagtgccggatctacattgc	3	2867425
CHR3.2-R	aacccaaaactgaaactgaaagtggtgcta	3	2867667
CHR3.3-F	tgatggagtgaaaaagcatgtccattg	3	5440460
CHR3.3-R	ctgaaagtataaccaaaagcgcgagcaa	3	5440672
CHR3.4-F	ccccaccaattgaagacaaccatacaa	3	10116094
CHR3.4-R	tgcttatagacaggttggtactgaga	3	10116531
CHR3.5-F	ctcttgcaaccattaccattccgact	3	13614386
CHR3.5-R	ctaccaccggttagcttttgggatgt	3	13614935
CHR3.6-F	ccctgtctcaattgttctgagactg	3	17046915

CHR3.6-R	tgtcaatcctctgaaatcgtgaggaga	3	17047294
CHR3.7-F	ttctccggttaacttggcagatttcaga	3	19913874
CHR3.7-R	acgagtgcgaaaccgtcatctactga	3	19914149
CHR3.8-F	gtattggcgactccaaatcccattcac	3	22558313
CHR3.8-R	ctcctgtgatagectcacecgcctct	3	22558677
CHR4.1-F	gcagcgtagatcaacgtttcagcacat	4	426075
CHR4.1-R	aaaagcgttaaggcatcggttcttcat	4	426396
CHR4.2-F	cctcttagtgattactttcatgattcgcagca	4	4104808
CHR4.2-R	tgcactttcaagtttagaataccatcgtgaca	4	4105277
CHR4.3-F	ctccatccacctacgggcaaagtctac	4	6591300
CHR4.3-R	atcataggatgggaagtttcgggagca	4	6591817
CHR4.4-F	tcggagtcaccatttgatccaagttt	4	9530122
CHR4.4-R	tttgagcaaactctcatgtgacgcaac	4	9530746
CHR4.5-F	ttggttttgcagtccagatttgtag	4	12623968
CHR4.5-R	agtttgcgaagaagaacgaacaag	4	12624534
CHR4.6-F	tgatgtgaatcctgcaatctccttttcg	4	15363337
CHR4.6-R	aaaagtttgggccaacataacgatgctc	4	15363688
CHR4.7-F	cacatatgtgctcgtctacaattacatg	4	17772273
CHR4.7-R	tgacgtttcatcataatctttcccgc	4	17772492
CHR5.1-F	gactgtttctctcatcccgaagtcgctc	5	136060
CHR5.1-R	ctcggagacgatgcaacggtaaatatc	5	136630
CHR5.2m-F	ctcccaagccacgacaagaccgtagta	5	2106256
CHR5.2m-R	ggtggagagaatgatagcgtggaggaa	5	2106475
CHR5.3-F	gagataaaaggaacccggaagctgtg	5	6075313
CHR5.3-R	tcaaggagtcccaaatgttcctgtca	5	6075771
CHR5.4-F	aaagcttgatgggaagttcgtgctttg	5	9615178
CHR5.4-R	tgaggctgggaactattgcctcttacg	5	9615409
CHR5.5-F	tgcacccggtgaaaaacaatcaacact	5	14106388
CHR5.5-R	aaaagctggctggtggtcctcctctac	5	14106691
CHR5.6-F	ggcaaggaggtttcttcccccttaat	5	17462820
CHR5.6-R	gcagcttagcaactgcatctgccttac	5	17463086
CHR5.7-F	gagtcaccttctcagttggcctggaa	5	20821073
CHR5.7-R	atgaggagctttgcaggtcggatatga	5	20821421
CHR5.8-F	atggcacaatcaaccaaggaaggtg	5	24272565
CHR5.8-R	gtccagttgtgcaaccggcttcagt	5	24272963
CHR5.9m-F	tattcagaagtatagagggttaggggg	5	26589095
CHR5.9m-R	ggtcaggctggcatgtgtgattgggtc	5	26589512

^a Position of most 5' nucleotide in the Col-0 reference genome sequence.