

**A genome-wide genetic map of NB-LRR disease resistance loci in potato.**

Theoretical and Applied Genetics

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**Supplemental Table 2** CAPS primer sequences, their annealing temperature (T<sub>m</sub>) in °C and their appropriate endonuclease (enzyme).

BAC	F	R	T <sub>m</sub> (°C)	enzyme	Source
RGH-CAPS1	CAAGGAACTGCTAGCAAACG	TTGTACGAGCCATTGACACC	54	HpyCH4IV	this study
RGH-CAPS2	ACAGAACAAAGGCGTTCAGG	CAACTATGACACATAGCAGG	54	HaeIII	this study
RGH-CAPS3	CCGTCATTCTAACTTGACGC	AGGACTTATGTGCCAGTTGG	54	AluI	this study
RGH-CAPS4	AAGCCATGTCTTTCCTCTGG	GCGTGTGACAAGTGTTAATGG	54	RsaI	this study
RGH-CAPS5	TGTCCACATAAATTGCAGC	AGACAATTGGCTGAACCTCG	54	-	this study
RGH-CAPS6	GATCCACTGCGGTATTTTGG	TGGGTAAGGGATTGCTACG	54	AluI	this study
RGH-CAPS7	TTTCGTCCTACATCGCATCC	GTTGTTTCATGCAAGCTGCC	54	HpaII	this study
RGH-CAPS8	GACTAACAGACCATGAGTGG	ATGTGCAATTCCACAGTACC	54	-	this study
RGH-CAPS9	GACATCAATGGAAACTTGGG	AAGTCTCAAGTGATGTTGGG	54	-	this study
RGH-CAPS10	GGTACCTTGACGCTCTTTGC	TGACGGGTACCATACTGG	54	HpaII	this study
RGH-CAPS11	GTGTGTCCTTCCAACATGC	GAGTGGTAGTAGTCTACACC	50	AluI	this study
RGH-CAPS12	AAATCAAGTCAACACCCTGC	TTGTCAGTAGAGAAGCATCC	54	HaeIII	this study
RGH-CAPS13	TCATGAGGTTGATCTTGAGC	AATAGCTATACGTGCCGTCC	52	-	this study
RGH-CAPS14	ATGAGCGTTCTTGAATAGGC	TGAACTTAGGTTGAGAGGGG	54	DPNII	this study
RGH-CAPS15	GTCATAGTCCATCAGTAGCC	TCAATTTTAAGAGGGGTTGG	50	-	this study
RGH-CAPS16	GTTGGTTTGACTTGTTTTGG	AACATTGTGGTGGTTGTTGG	53	-	this study
CP108	GTCCATTCGGTTTAGCTGCA	CTAAAACCCTTCCAAAACACT	52	AluI	(Bouarte-Medina et al. 2002)
CP11	TATGACTTGCTGGAGAAGGG	ATAAACTTTCTGGTGAATCC	52	HaeIII	PoMaMo
GP501	GGAAACAAAAGCTCAATGGC	GAACCAACGATTGACTATGG	54	TaqI	PoMaMo
TG24R	ATTGCTGAAACAAGTGTGGG	TTCAGACCAGATAACTGAGG	54	-	PoMaMo
TG21F	CATGAAGCAAAGGAAGAGGC	CTTTTGTGGGAATGGAAAGG	54	NlaIII	SOL Genomics Network
GP26	CTGCAGGTTAATGTAGTTAG	ACTGTGATGTAAGAGTACCC	54	DpnII	PoMaMo
TG33F	AGGTACCTCAACCAGATGAG	GATGTCTAGTTCATGTCAGC	54	HpaII	SOL Genomics Network
TG244	ATCAGGACTCAAGAAGTTGG	CTTGACACACTCAAATGTCC	54	HhaI	SOL Genomics Network
GP80	TGTTGGGAGAAGAAGAGAGC	TCCTGAAGTGGTTCATCACG	54	HaeIII	PoMaMo
GP517	GGAAACAAAGGTTCTGCTGG	ATTTAGCCGTTGTATCGTGC	54	HpyCH4IV	PoMaMo
GP510	GCACCTGGTTTAAGCTTTGC	GTATGCATTCTGGAACAAGC	54	ApoI	PoMaMo

GP180	TCCACCCCTGGATTCAAGAA	TCAAACCTCCTTCACAAAGCA	54	Alul	(Oberhagemann et al. 1999)
Fbp-cy	TGAAGAACCATCAGCGGGATAC	TGCAGGGAGAAGATCAAAAGAAAC	54	Rsal	(Chen et al. 2001)
GP221	TCGTTTGGTGACTGAACAGG	CTGCAGCACTAAAGACAGTAC	54	Alul	PoMaMo
TG339R	ACTCTTTCGGCCTACAAGTC	ATCCTTGTAGGACTCCTCTC	54	DpnII	SOL Genomics Network
GP511	CCAACCTTTGATGGTTTCTGC	TCGTCTGCAAGAATACTAGAC	54	HpaII	SOL Genomics Network
SPUD237	TTCCTGCTGATACTGACTAGAAAACC	AGCCAAGGAAAAGCTAGCATCCAAG	54	HaeIII	(De Jong et al. 1997)
BA13I2	CAAGCTTC TGGATTAAGG AGG	ATATGGTCAGGTTGTCCAGG	54	-	PoMaMo
T1198	AGCAGCAAACCTTACGGTAGC	ATCACTGTGCATTATCACCC	54	HhaI	SOL Genomics Network
TG472	TACCTGATTCCAAGCATCGC	TCTGTTGGGAGTCTTAATCC	54	RsaI	SOL Genomics Network
Sus3	CATGACAAGGAAAGCATGACCCC	GCAAAGTAAATCTTATACATGTGACC	54	TaqI	(Chen et al. 2001)
T1257	ATGGAATTGGATCTGGATCG	GCATGACGCATAAGGATAGC	54	HhaI	SOL Genomics Network
CT148	ATTCCAGCTGCTGCTTTTGC	GACAGGCCACTGAAGTTTGC	54	DdeI	PoMaMo
CT183R	CAACTGTACTGGTCTTCAGG	GCAAGATCTTCACGTGCTTC	54	MseI	SOL Genomics Network
TG415F	GCAGCTTTAGTTTTGTCAGC	ATCAGGATCCAATGGGAAGC	54	DpnII	SOL Genomics Network
GP101	GGCATTCTATGGTATCAGAG	GCTTAACATGCAAAGGTTAAA	51	NlaIII	PoMaMo
T0521	CAGTCGGCGCAGTTTCAAAA	GCATTACCTAGATCAATGCC	49	Alul	SOL Genomics Network
GP97	CATCTACAGCACCAGGTACC	ACAAAAGACTACAGAGCACC	54	-	PoMaMo
TG303	TGGGGTTCATCACAGATTCC	GTAAGGGTTGTTCTTGTGC	54	Alul	SOL Genomics Network
ADG2	ATACACTCATCTAAATTTGATGG	ACTTAACTGCATCATGTTCAAG	54	HpaII	Sorri et al., TAG (1999)
NI27	TAGAGAGCATTAAAGAAGCTGC	TTTTGCCTACTCCCGGCATG	54	-	(Marczewski et al. 2001)
GP269	CAAGGAGTACTGTTTGCAGG	TCAAGTCCATTGGTTTACCC	54	DpnII	PoMaMo
T882	GGACAGTGTAGTCTTCTTCC	CCAAAGCTCCCTCCAAAAGC	54	Alul	SOL Genomics Network
GP81	CGTTTCCTACAATTGGAAGC	CAGGATAGAGAGACTAATGC	54	TaqI	PoMaMo

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