

<b>DI/locus</b>	<b>SNP position</b>	<b>Primer</b>	<b>Primer sequence</b>	<b>Used with</b>	<b>Annealing T (°C)</b>
I-1	chrI:21,698,392	Chr1_F_R	AGTCACTTACAAAACCAAGAAGCTTTC	Chr1_FS_F	68
		Chr1_S_R	TCAACTTACAAAACCAAGAAGCGG	Chr1_FS_F	65
		Chr1_FS_F	AGGCCTTTTCACAGGCAGCCTC		
IV-1	chrIV:12,802,776	Stn382F (Ref. 27)	CCCTTAGAGAATTTCTTAGCAG	Stn382R	56
	- chrIV:12,802,926	Stn382R (Ref. 27)	CTTGTCCCGGATCATACGC		
IV-3	chrIV:19,875,745	Chr4-3_F_F	TATTAAGCACTGATCCAATTCTTAT	Chr4-3_FS_R	65
		Chr4-3_S_F	TATTAAGCACTGATCCAATTCTTGA	Chr4-3_FS_R	65
		Chr4-3_FS_R	CTCTCAGCAAAGTGGGACTGCAGT		
IV-4	chrIV:23,963,712	Chr4-4_F_R	ATCCTGGTTCTGTGACCTAATGCTC	Chr4-4_FS_F	63
		Chr4-4_S_R	ATCCTGGTTCTGTGCCTAATGTTG	Chr4-4_FS_F	63
		Chr4-4_FS_F	AAGTGGCGTGGCACAGAGAAGTAC		
IX-4	chrIX:10,338,733	Chr9-1_F_F	AGCGCTTCCAAAGGAGTTCTGAG	Chr9-1_SF_R	68
		Chr9-1_S_F	CAGCGCTTCCAAAGGAGTTCTGTA	Chr9-1_SF_R	63
		Chr9-1_SF_R	TGTGCCAACCCGCCATCATA		
XIX-1a	chrXIX:2,475,523	Chr19a_F_F	GGTACAACAACAATTCATGCACT	Chr19a_SF_R	65
		Chr19a_S_F	GACTACAACAACAATTCATGCATA	Chr19a_SF_R	65
		Chr19a_SF_R	ATGAGCGACAACAATAAACAATGC		

XIX-1b	chrXIX:2,460,316	Chr19b_F_F	AGACAAACTGCCACAAAAGATGAAACA	Chr19b_SF_R	68
		Chr19b_S_F	AGACAAACTGCCACAAAAAATGAAATG	Chr19b_SF_R	63
		Chr19b_SF_R	CTCTGTAAACGATTGGTCCAGTGTCAC		
XXI-1*	chrXXI:6,926,742	Chr21b_F_F	CAATGATTTAACCTGTTGACAGC	Chr21b_FS_R	68
		Chr21b_S_F	GTCAATGATTTAACCTGTTGACATA	Chr21b_FS_R	63
		Chr21b_FS_R	CAGTAATGGTGGGTCAGTGTACGT		

**Table S3. List of allele-specific primers used for DIs validation.**