a

RANTES −471A>G
5′-GGTAGCCAATAATGATAGAGTATGCTG-3′ SENSE
5′-TCACTGAGTCTTCAAAGTTCCTGCTTATTCATTACAGATC**G**TA-3′ ANTISENSE
A restriction enzyme site for *Rsa* I is created by changing the sequence at position 41 (T>**G**) in the antisense primer. The PCR amplicon is digested when it contains −471G.

RANTES −96C>G
5′-CCTATGACCAGGATGAAAGCAAGAAATTCC-3′ SENSE
5′-AGGTCCACGTGCTGTCTTGATCCTCTGCAGCTCAGGCTGGCCCTTTATAGGGCCA**A**TT-3′ ANTISENSE
A restriction enzyme site for *Mfe* I is created by changing the sequence at position 56 (G>**A**) in the antisense primer. The PCR amplicon is digested when it contains −96C.

MIP-1α +113C>T
5′-CACGTGAGTCTGAGTTTC-3′ SENSE
5′-GTTCTCTTATCTCAGTTC-3′ ANTISENSE
+113C creates a natural restriction enzyme site for *Msc* I.

MIP-1α +459C>T
5′-CACGTGAGTCTGAGTTTC-3′ SENSE
5′-GTCTGGTTCAAGAAGTCATACCCCAACCCAAGAGA**G**-3′ ANTISENSE
A restriction enzyme site for *Stu* I is created by changing the sequence at position 36 (A>**G**) in the antisense primer. The PCR amplicon is digested when it contains +459C.

b

		PCR conditions				Digestion conditions			
Gene	SNP	Anneling temp (c°)	Total cycles	Cycle type	$MgCl_2$ (mM)	Temp (c°)	Enzyme	Units/ PCR	Time
RANTES	-471 A>G	65	60	(5+55)	3	37	*Rsa* I	10	1 day
	-96 C>G	55	60	(5+55)	3	37	*Mfe* I	10	3 days
MIP-1 alpha	+113 C>T	55	55	(5+55)	3	37	*Msc* I	10	3 days
	+459 C>T	55	55	(5+55)	3	37	*Stu* I	10	3 days

c