

Supplementary table 2

position	dbSNP#	Forward primer	Reverse primer
Intron16+101856	rs4723596	5'agcaggctgttgcagagcc3'	5'gctatacagtcaaagatgaacag3'
		atgttcgtttgaagccgttatgccaaaagagcaagcatttacagccttgctttttatt(a/g) ccaagtgtattttacttgaaaagggttcaatatggccccatatagtattttttgcc	
Intron16+104353	rs11983698	5'atgatcaagttcatgccatgttc3'	5'cggcatcacatctttaaagtgac3'
		tgagactgttttctgcaactgaaaaaaaggatagtcctatttggtaggattcttg(a/g) caatgtaatgagtttaaagattccaagcttagagcactgtgccatgcttagtaaacacc	
Intron16+105608	rs4723593	5'attgacttcagcagccaagatg3'	5'ctggcaagtcttcatgaaggc3'
		ataattgttattctgtgtcctccaaaggactcatcagtaaggaaaggactgcatt(c/t) gggtgagagaatgggagaccagcagatttctgaaaccattgaataactggcttaca	
Intron16+114454		5'tcagcctgtctgcatgtggc3'	5'tctatggcactctgcatgtc3'
		gctccccttgacatcgcgtcttcccttgggtgaggcaagtatgtgtcttccactgtcc(c/t) aggctgagagctcatccggcacagggcctccagtgtcgcgtcattccttgactgagtag	
Intron17+5495	rs7799004	5'ataactcaacctggcctagt3'	5'taagcactgagcaggaatgtaag3'
		actttctttccactcagtgcaggggttcttcaaagctgcaatttactgagtcattttag(a/g) tagagctaagtgtgataataaatagtttagtgatctgaaagcctgaaatgagaccctaa	
Intron18+9170	rs741301	5'tggtcatactatccagagaag3'	5'cctggaggaacaagcagttc3'
	*	taaataaataaggagcagttcccatgggtggtatcattagtataacataacct ctggaa (a/g) cc accacctcataaaatctattgctattgagcttgaagagtcaatgactttactaatgg	
Intron19+2430	rs1558688	5'aactgtgattccccaaatgtgg3'	5'caagtatgattgttagttcatc3'
		gctgcaaatctccacacagcttttcgagtgccactgagcaaggctggttcttgaagg(g/a) ttgtgacagcccctctgaccatgcctccaaaactcttagcaactgcttctctgaaat	
Intron20+1239	rs3807163	5'atgcagctgaagaggctgattg3'	5'agcacactgaattctggcagg3'
		catttgattggcaagcactatgatggcagggcatgcccaagaggccaggatctgtgtct(a/g) tctgttacacagaccaacgggggttccgtttatcttctccatgctatggggagaca	
3'flanking+735		5'aactaggttctgtactcag3'	5'tcaggacctcagagatcctg3'
		tacagattgacctgggttgagatgatatggccagagcactgcatgcattgcaggaaaa(a/t) gtcctttgattcacaggggttcttctccatcagagcactcacacctgtgtcaagct	
Intron1+5853	rs1541727	5'aactggcatagtgtgagtcg3'	5'tgcattctagctcatatgcttc3'

	gtagttccttcttttgttggtcactggacttggcagcctctgaggccaggatgcatg(t/g) ggagctatgctgcagtgggtgtccagagaggctctcactcctgtatgtcctgcagatgga
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*Sequence identical for GCR-1 binding site is indicated as bold underlined characters.