

Supplementary Table 3

Region	Primer Set [†]	Forward Primer (5'→3')	Reverse Primer (5'→3')	HSA	PTR		GGO			PAB			
				gDNA	gDNA		gDNA		BACs	gDNA		BAC	flow-sorted chr15
				various	CR1847	Clint	Rok	AG05251	39n14	39n12	GM06213	CRL1850	150k13
OR G	G	GCAGCAGTAGTGGCCAAAAG	TGAGGACTGCCTACTGTGGAC	+		+		-				-	
block 5	21*	GAGCTGCATAAAACAGGAAGAGA	TAATGTTGCTCTGGAATTCACCT	+		+	-	-	-	-	-	-	
block 5	22*	AGTGTTATAGATATTGGAGGG	TCACCTAATTCCTAAGGGGTCA	+		+	-	-	-	-	-	-	
OR H	23*	TCTATTATGTGCCATAAGCTAA	TGTGAGGAACAGAAATAACTGTAT	+		+	-	-	-	-	-	-	
block 5	24*	AAAGGCCAACCTGCAGACCTA	TGACCAATGGTGTATGGCCT	+		+	-	-	-	-	-	-	
block 5	25*	AGCAACATGAAATCAACCTGACT	GAGGCAGAAAGGTTTCAGAGTACA	+		+	+	+	+	+	-	-	
block 5	PAB BL5-1	AGCCAGAACCCCAATGTTC	AGAGGAGAAAGTCAGCAAGG	+		+	+	+	+	+	+	+	
block 5	PAB BL5-2	TTTCAAAGCATGGCGTACAG	TACCTCCCTCCCTCTGTTTG	(+)		+	-	+	+	+	-	+	+
block 5	PAB BL5-3	ATTTTGGGGCAATGACTTG	TCAAAGAGAGGGAGACTTCTGG	+		+	+	+	+	+	(+)	+	+
block 5	28*	AATTTTGCTCCTCTAAACAGGG	TTCTTTGCACAGCTTTTCTTTT	+		+	-	+	+	+	(+)	+	+
block 5	PAB BL5-4	TTGTTTGGCAGCTTCAGTG	GCCATGAAGCCAAAGTTCAG	+		+	+	+	+	+	+	+	+
block 5	27*	TCCTGAAACACATAAAATGGTC	TCAGCAAAATGCTAAGAAGTGC	+		+	+	+	+	+	(+)	+	+
block 5	PAB BL5-5	CAGGAGACAATTCGCGTGA	ACCATTCGCAGAGCAATCC	+		+	+	+	+	+	+	+	+
block 4	BL4-1	GCCAAAATGTACCAGAACTCTGAA	GGAAAGAGCATGTGAGAGAGC	+		+	+	+	+	+	+	+	+
block 4	BL4-2	GCTCTCTCACATGCTCTTTCC	AGCACCTGTATACTCTCAATATG	+		+	(+)		+	+	+	+	+
block 3	34*	GCATGCATCTTAATCTGAGAG	CCACATCTTAGCTTCTGGAC	+		+	+		+	+	+	-	
OR I	36*	CTCACCGAATGAGAAAGCC	CCTCTCACTCAATGTATCTGTC	+		+	+		+	+	+	+	+
block 3	38*	CCACTGTTGGCAGTGACCAC	GCTGGCCACCTATCTGCTC	+		+	+		+	-	+	+	+
block 3	39*	GATACACAGTCAGTTACATGG	CTCCAGCTTCTCTGTAGCCCC	+		+	-		+	-	-	+	+
block 3	40*	CTTTGCTAAACTATCTCCC	ACTTGCCACATATTTCCC	+		+	+		+	-	+	+	+
block 3	43*	AGCACTCAGTACATAAAGTTTC	TAGCTTGATGGTGGTCACTG	+		+		+	-	-		+	+
block 3	44*	GTGGCTTGTGCACATGAAG	GCAATCAGGAAGAGTTTGTG	+		-		-	+	+		(+)	+
OR L	L	CCAAAAGAGATGTGGTCAAC	TCACCTTGTGCCAGTC	-		+		-				+	
OR M	M	TTGAACAATCTTTGTATGGCT	GCCCAAGTCAATGGATGGAC	-		+		-				+	
OR N	N	TTCAAAATGCAGTCAAACTGG	TAGGTCCATTAGAACATACTG	-		+		-				+	
OR O	O	CAACAGGCGAGCAAAATGTAC	CACCTTAGCACCACCTGATTG	-		+		-				+	
OR P	P	TTTCAACACCTTGTGGTTATG	TCAGGAGATCTTCTCAGAC	-		+		-				+	
OR Q	Q	CCAGACAGGAAATAATTAGC	ACTGGACTAAATGGAAGAAG	-		+	+					+	
OR R	R	TGGCTGTTACGGAAGATTTC	CACCTGGTCTTACAGAAGGC	-		-		-				+	
OR S	S	TACTCCCATTTAGAGCTTGTG	TCTGTTCTCTCTAGGTTTAC	-		-		-				+	
fission	f2	TCTGAACCTTAACCTGAAATGG	CCATGTTAGTCCCTCAGCAG	-		-		-				+	+
fission	f3	GGTGATAGAGTTTCCAAAGTG	CCAGAAATATTATTACCCAGC	-		-		-				+	+
fission	f4	CACATACCTCAAAATATGGAG	AGCTAATTACAGCATGACTAC	-		-		-				+	+
OR T	T	GGATCATTAGGCTTCTAGGC	AATGGATGAAGGAATCAGTC	-		-		-				+	
fission	f6	CAGTAGGAATAGGATAGGAG	AAATGTACACACCTCACTGT	-		-		-				+	+
fission	f8	TTGGATGAGAGCAACCTGAG	TCCTATTGACTTAAGGGAAG	+		+		+				+	+
OR U	Ua	AACAACCTCTCATGGAAGCT	GTCTTATCTGGAGAGGAGAT	+		+		+				+	+
block 15	TUBex4	GGTTTCCAGCTGACCCACT	CCCAGTGAAGGTGACTGACA	+		+	+		-	-	+		
block 24	B bl24	TCCATCTCTGGAGGGAATTG	TGCATTTCTTCAACAACCCA	+		+	-	-	-	-	-	+	
block 24	4*	ACTTTAAAGACGGCGCTGA	AAGTCCCTCAGTGTGGTTG	(+)		+	+		-	-	-		
block 24	5*	TGTCCTGGGTTTATTCTCTAATA	AAGTGATCCCATCACAATGAATC	+		+	+		-	-	+		
block 24	C bl24	GGGAGCGAAGCTTCTCTCT	GGGGAACAAGAAGCCAAGTA	+		+	+		-	-	+		
block 24	D bl24	GAGCCCCCATATCCAAAGAT	TCTCCCACAGAAGCCCTAGA	+		+	+	+	-	-	+	+	
block 25	8*	CACTGCATGACAACCTTCAGACTC	TTGAACACAGAAATGAACCAAGT	+		+	+		-	-	+		
block 25	9*	TTCCACTCCTCCTCTTATTTTC	AAATGCTGTAGCTGACACACAGA	+		+	+		-	-	+		
block 9	12*	TGGCTGTGGATGAGGAGACC	AGGTTGGAGGAGAAATAGAC	+	+		+		-	-	+		
block 9	BL9-1	CGACTGGGAAGTGAGGAGAG	ACTCTGGCCCTGTACCATTTG	+	+		+		-	-	+		
block 9	BL9-2	GAGGCCATCCAGGAGAAAC	TGCAGATCTGAACCAAGCTG	+	+		+		-	-	+		
block 8	13*	GCCATACCTGCCTCTCCAC	GCCAGCAGACCTCATCACA	+	+		+		-	-	+		
block 8	14*	CCTGTCTCGGCTTCTCCAC	CTGAAAGTGTGGGCGACCTG	+	+		+		-	-	+		
block 8	15*	CACAAACCTTGGAGAAGAAGATG	CTGCCTGTGTAGTTATGGAGAC	+	+		+		-	-	+		
block 7	17*	GGGGAACCTATAGGCATAA	AGGCACGGTGGCTCATAC	+	+		+		-	-	+		
block 7	18*	TCAAATATGGCTCAGTGTATTG	TGTAGTCTAAACGTGGGGAAAA	+	+		+		-	-	-		
block 6	19*	ACGATTGAATAATGCTAGCCAA	GAAATGGGCAACATTCACAGAG	+	+		+		-	-	+		
block 6	BL6-1	AATCCTTGAGTGGGGGAAAG	ACTGCTTCATCTCGCTCCAC	+	+		+		-	-	+		
block 6-5	BL6-5xm-A*	TGGGTYTCATATCTCAATGTGG	CAGAGAGGTTCTGTGACTGTC	+		+		-			-		
block 2	46*	CTAGTATCTGCCACCACAGC	TTTACCACCAATTGTGTGTTGC	+		+		-	-	-	-		
block 2	47*	GCATGCAAAACACATTCACC	CCAGATCAGAGGAACATCCAA	+		+		+	-	-	-		
block 2	51*	GTCTTAAAGAGCATCAGCTCCA	AGACAGATGCAGTGACCTGGAA	+		+		+	-	-	-	+	
block 1	52*	TTTCTCATGAACCCAGTC	GCCTGTGTAACACGACATCC	+				+	-	-	-	-	
block 1	53*	GCCTCAGTGTGGTCTAGCT	GGAGGAGGATGTCTGTGTA	+		(+)	-	-	-	-	-	(+)	
block 1	55*	CATTCTAGACATTGCGCGT	GATTATAGGGAACACCCGGA	+		+		+	-	-	-	+	

+, robust band of correct size; (+), correct size band, but weak; -, no product; . , ambiguous result

[†]All block primer sets were designed from human unless denoted otherwise.

* PCR primers described previously (Linardopoulou et al, 2005)

[®]Five other primer sets gave similar results