

**Supplemental Table 1**

PCR analysis of human and chimpanzee BACs used to identify the breakpoint regions. Primers were designed according to the sequences of the human BACs.

Primer	Sequence 5' - 3'	Position on <i>HSA</i> BAC CTD-2144E22	Position on <i>HSA</i> BAC RP11-696P19	Present on <i>PTR</i> BAC RP43- 001I03	Present on <i>PTR</i> BAC RP43- 007E19
P1f	TACCCATTAGCATCGCCTTC		104781	-	+
P1r	CTGCTCCACGGCTTAAATTC		104962	-	
P2f	GCAGTTGTCATCGAATGGAA		114667	-	-
P2r	TCGATGACCAATTCTGGAAG		114943	-	
P3f	ACACCTCAGAGTTCCGGTTG		115032	+	-
P3r	GCCTTGCATCACATTCAAGA		115224		
P4f	AGAAAGGCAAGGGGTTCAT	139229		+	-
P4r	CAGGCAGAGTCACAGTGGAA	139405		+	
P5f	CAGTGAGCAAGCCAAATTCA	144168		+	-
P5r	TCCCCACCGGACTGTTATAG	144360		+	
P6f	TACTCACCCCTCCCTCATTGC	162183		-	+
P6r	CTCCATTACGGAGCACA	162365		-	
P7f	TGAGAGCAACTGAGGTTGC	166997		-	+
P7r	GCCAGGTATGCGATGAAAAT	167170			