

Terminal deletions

P01	Position	Sequence	Repeats	
BP Chr. 22 Junction	chr22:48609895-48609954	ggccgagggcgccagactacctgaggtcgg ggccgagggcgccagactacctgaggtcgg	gagttcaagaccagcctgatcaacatggag TTAG (GGTTAG)n	AluSp
P02	Position	Sequence	Repeats	
BP Chr. 22 Junction	chr22:44280750-44280809	GGGAAGAGCGCAATTCTGCCAATACCCAG GGGAAGAGCGCAATTCTGCCAATACCCAG	AATTGTTTTCCCAAGATGCCTCTGCACAT GGAGAG (GGTGA)n	None
P03	Position	Sequence	Repeats	
BP Chr. 22 Junction	chr22:47183281-47183340	tgtaatcccagcactttgggaggccaaggt tgtaatcccagcactttgggaggccaaggt	gggtggataattggaggtcaggagtttgag TAG (GGTTAG)n	AluSx
P04	Position	Sequence	Repeats	
BP Chr. 22 Junction	chr22:48040155-48040214	GGCTGGCTCAGGCCGGGACTCTGGGTCAGG GGCTGGCTCAGGCCGGGACTCTGGGTCAGG	TGCAGCCTCATGAAAGACCTCTACAGGAG GTTAG (GGTTAG)n	None
P05	Position	Sequence	Repeats	
BP Chr. 22 Junction	chr22:43136766-43136825	gttacagccaggggtagttatagccaggg gttacagccaggggtagttatagccaggg	gtagttacagccaggggtagttatagcc TTAG (GGTTAG)n	Simple tandem repeat
P06	Position	Sequence	Repeats	
BP Chr. 22 Junction	chr22:47040707-47040766	GGTAACCCAGCTGAGGTCCACAGATCACGG GGTAACCCAGCTGAGGTCCACAGATCACGG	ACAGGCATGCTGGGAGTGGCCACAGGGAGA TTAG (GGTTAG)n	None
P07	Position	Sequence	Repeats	
BP Chr. 22 Junction	chr22:46600236-46600295	AGGATGTTTTACAATACCAAGGGTGGAAAT AGGATGTTTTACAATACCAAGGGTGGAAAT	CCAACCCAACTCCCCTTTGTAAAACAAAG ATCTTTGTGAGAACAGACAA TAG (GGTTAG)n	None
P08	Position	Sequence	Repeats	
BP Chr. 22 Junction	chr22:41517849-41517908	CTGGGCCTCAGGAActCTGCTGCTGCTGTT CTGGGCCTCAGGAActCTGCTGCTGCTGTT	GGGGCTGCCCCAAGCTAGCGTGGACAGAAG TAACCCTAACTGCT (GGTTAG)n	None
P12	Position	Sequence	Repeats	
BP Chr. 22 Junction	chr22:44623743-44623802	aatggagagagagacttgagttggaactgt aatggagagagagacttgagttggaactgt	gtgtctgagggaggatccgtaggacaagct TAG (GGTTAG)n	L2
P13	Position	Sequence	Repeats	
BP Chr. 22 Junction	chr22:48476926-48476985	actctagagtgaaggtaaagggcagttttag actctagagtgaaggtaaagggcagttttag	accaagatcaaaagtttactatcagtgaaa (GGTTAG)n	LIMEd

	P14	Position	Sequence	Repeats
BP Chr. 22 Junction	chr22:43867958-43868017	aggtctggaaagtccttaggcatgtgcagt aggtctggaaagtccttaggcatgtgcagt	cacctctcatgctacctcgtgtgcacat TAG (GGTTAG)n	LTR45C
P20 BP1	Position	Sequence	Repeats	
BP Chr. 22 Junction	chr22:42406130-42406189	AAAATCTGAAAAGAATATAAGGTTCTCTTG AAAATCTGAAAAGAATATAAGGTTCTCTTG	AGGGGTAAATTAAGTACTTTAGGGGATATA GTTAG (GGTTAG)n	None
P20 BP2	Position	Sequence	Repeats	
BP Chr. 22 Junction	chr22:42603398-42603457	ACTCCTGCCAAGAcaggtctaggtcaagat ACTCCTGCCAAGAcaggtctaggtcaagat	taattgcattagaatctctcagaagagcc GGTTAG (GGTTAG)n	MER5b
P20 BP3	Position	Sequence	Repeats	
BP Chr. 22 Junction	chr22:42728708-42728767	aagcttattttataagaaagtattgaagat aagcttattttataagaaagtattgaagat	cttgtgcagtttgttgaataccgtacATGA AT TTAG (GGTTAG)n	Tigger5
P21	Position	Sequence	Repeats	
BP Chr. 22 Junction	chr22:44960699-44960758	ACTTAGATACCACAGGATTGGCAGTGTAGA ACTTAGATACCACAGGATTGGCAGTGTAGA	CTTACATTCATAGACCGGATGCCATCAGCC TTAG (GGTTAG)n	None
P30	Position	Sequence	Repeats	
BP Chr. 22 Junction	chr22:46018962-46019021	cttactattatgattttgttgtttatattgg cttactattatgattttgttgtttatattgg	tgttttcttgctgtcatggtgaagtaatga TAG (GGTTAG)n	LIMCc
P31	Position	Sequence	Repeats	
BP Chr. 22 Junction	chr22:49469041-49469100	Agagggggtggagaggggggtggtggaggg Agagggggtggagaggggggtggtggaggg	gggtggtggagaggggggtggtggaggggg TTAG (GGTTAG)n	G-rich, Low complexity (SHANK3-REP)
P32	Position	Sequence	Repeats	
BP Chr. 22 Junction	chr22:49469045-49469104	ggggtggagaggggggtggtggagggggtt ggggtggagaggggggtggtggagggggtt	gggtggagaggggggtggtggagggggatgg AG (GGTTAG)n	G-rich, Low complexity (SHANK3-REP)
P34	Position	Sequence	Repeats	
BP Chr. 22 Junction	chr22:45252070-45252129	attggctttttttttttttttgagacggagt attggctttttttttttttttgagacggagt	cttgctctgtcaccaggctggagtgcagtg TAG (GGTTAG)n	AluSc
P36	Position	Sequence	Repeats	
BP Chr. 22 Junction	chr22:40440085-40440144	caaccctttgaacaaatgagagattgaagt caaccctttgaacaaatgagagattgaagt	ccagggaggaaaaggagctttcctgaggtc TAG (GGTTAG)n	MIR3

P39	Position	Sequence	Repeats	
BP Chr. 22 Junction	chr22:49468904-49468963	GTCCCCTCGCCAGGGAGAGAGAGGGTCAG GTCCCCTCGCCAGGGAGAGAGAGGGTCAG	CAGGGCTCTGGGCAGGGTATGGGAAAA (GGTCAG) ₆ (GGTTAG)(GGTCAG) ₂ (GGTTAG) _n	None

P40	Position	Sequence	Repeats	
BP Chr. 22 Junction	chr22:42119850-42119912	gcaaggtgatcagggtagggcttcttggagg gcaaggtgatcagggtagggcttcttggagg	agg tgatatctgaggtgagatctggaaagcaag agg ggttgtctcaggtcctagtgtgtctggaa	L2
BP Chr. X/Y	chrX/Y:418-480 (rev.)	ggaactgggtaTCAACCAGGTGCTCTTCT	AGG ggttgtctcaggtcctagtgtgtctggaa	LTR12d

Interstitial deletions

P37		Position (hg18)	Sequence		Repeats
BP1 Chr. 22		chr22:49417717-49417776	cacataataatggttgctaggccttagaa	atcctcttcacaaaattaaagagcaaaaat	LTR49int
Junction			cacataataatggttgctaggccttagaa	GCTGCAACCC CAGGTGGTACGGGAGGGCAGGCGGTCCAGC	
BP2 Chr. 22		chr22:49491490-49491549	TCCATGATGGGCAGACAGGGCCGGGAGACA	CAGGTGGTACGGGAGGGCAGGCGGTCCAGC	None
P38		Position (hg18)	Sequence		Repeats
BP1 Chr. 22		chr22:49493608-49493667	cctcggcctcccaaagtgctgggattacag	gcgt gagcactgcgcccagccAGAAGGATACAG	AluSg
Junction			cctcggcctcccaaagtgctgggattacag	gcgt atggtgaaccagccttgcacccagggatg	
BP2 Chr. 22		chr22:49537718-49537781	gtttatatactggattacatttatcagttt	gcgt atggtgaaccagccttgcacccagggatg	LIPA4
P42		Position (hg18)	Sequence		Repeats
BP1 Chr. 22		chr22:49511283-49511342	TCCGGTAACCTGTGGAAAAATGATGAGCTCT GGGG CCACCTTTGATTTTCAGGGGAACCTG		None
Junction			TCCGGTAACCTGTGGAAAAATGATGAGCTCT GGGG ACGGGCGGAGGGGAGCGGGCAGGGTCTCTACTGTGACCTGGGTGGGCGGTGCTC		
BP2 Chr. 22		chr22:49515909-49515996 (rev)	CAGCGCCAGGTGAGGGGCGCACAGCCAAG GGGG ACGGGCGGAGGGGAGCGGGCAGGGTCCAGGAGGAAACGGGCTGGGGCTGCGGCT		None
BP3 Chr. 22		chr22:49528909-49528968		GTCCTGAGGCCAGGCTGCAGCCCCACCACCTCTCTACTGTGACCTGGGTGGGCGGTGCTC	None
P43		Position (hg18)	Sequence		Repeats
BP1 Chr. 22		chr22:49498120-49498182	GGCTGGTTGATCATCCCGCAGGCTGGGGCC	CTG TTGATCAAACAGCTGCAAACCCAGCTGTGT	None
Junction			GGCTGGTTGATCATCCCGCAGGCTGGGGCC	CTG CAAGAGAGATATGTGGAGAAAATCATCATT	
BP2 Chr. 22		chr22:49525034-49525096	TATGGGAACAATAAACAGTAAAGGCGCCT	CTG CAAGAGAGATATGTGGAGAAAATCATCATT	None
P44		Position (hg18)	Sequence		Repeats
BP1 Chr. 22		chr22:49433639-49433698	ttcaggcaattctcctgcctcagcctccca	agtagctgggattacagcatgcaccacca	AluSx
Junction			ttcaggcaattctcctgcctcagcctccca	GAAGTGTGTGTTGAGGAAGTAACTGGGCCA	
BP2 Chr. 22		chr22:49472587-49472646	TGCCACAGCTGCTCTCAAGGCCACTGCAGG	GAAGTGTGTGTTGAGGAAGTAACTGGGCCA	None