

Supplemental Data

Duplications Involving a Conserved Regulatory Element

Downstream of *BMP2* Are Associated

with Brachydactyly Type A2

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Table S1. Primer Information

Primer	Primer Sequence (5'-3')		Amplicon position on chr. 20 [bp]	
	Forward	Reverse	Start	Stop
P1	TGGTAATCCAAACCAGAGGAA	CCACTTAAAATTCAGAGGTAAGTAGCA	6,807,799	6,807,870
P2	ATGAACCATGGAGCGTTTC	AAACCCAGCCTGACTTTCTG	6,809,794	6,809,888
P3	GATGCTGTTGAGGGTGTCCA	ACAGAGCACATCGCCCTGTT	6,811,685	6,811,770
P4	CAGCTCATTGAACTTATCTGAACT	AAGCCTTTCTTGAGCCACAC	6,812,767	6,812,863
P5	TGAAGATCTGAAGTGGCTGTTCTG	CTGATGTTGAAGTTACCTGCCAATT	6,814,403	6,814,488
Primer Sequence (5'-3') for amplification and sequencing of the junction fragment			Primer position on chr. 20 [bp]	
P6	GAGAAAGTAAAGTTGTTTGATG		6,813,701	6,813,722
P6		GTGCAACTGTATAGCCTAT	6,808,654	6,808,672

Amplicons used to confirm the duplicated region by quantitative real-time PCR (P1-P5) and primers for sequencing of the junction fragment (P6 Forward 6,813,701-6,813,722, P6 Reverse 6,808,654-6,808,672). Nucleotide positions corresponding to Ensembl release 50, July 2008.