

Supplemental Table 3. Primers for CNVs containing genes of primary importance to heart development

Name	Chromosome	Fragment Size	Forward	Reverse
JAG1	Chr20	125bp	CTCCTTGAGGCATTGAA	TGTCCATGCAGAACGTGAA
GATA6	Chr18	145bp	ATCTCTCCTCGTCCTC	GATGCGAAGCGTAGGAACCT
NOTCH1	Chr9	142bp	AACGAGGTGGCTCCTA	CACACTCGTGGTGACG
TBX2	Chr17	135bp	CTGTAGCCCAGTCCCCAATAC	GCGGCTACAATCTCATCA
NKX2-1	Chr14	101bp	TGGTCTACGTGTCTGTCAGTCTGT	CGCTCGGATTCTCTCCGGTA
OFD1 (control for normalization)	ChrX	137bp	AGGTGTTCTGCTGCTGAGATGGAA	TCCCTTTGTGCCAGATGAAGAGA

Supplemental Table 4. Summary of Chromosomal Distribution of CNVs

Chromosome	Duplicated CNVs	Deleted CNVs	Total CNVs
1	1	24	25
2	2	21	23
3	11	32	43
4	26	15	41
5	41	24	65
6	14	44	58
7	4	14	18
8	12	30	42
9	1	12	13
10	10	9	19
11	2	9	11
12	5	5	10
13	3	6	9
14	7	34	41
15	2	32	34
16	8	11	19
17	22	39	61
18	0	6	6
19	8	3	11
20	0	8	8
21	0	7	7
22	27	7	34
X	5	10	15

bp, base pairs; CGH, comparative genomic hybridization; CNVs, copy number variants.