

Adam et al., Supplemental Table S1. Sequence of oligonucleotides used in *Gjb2* promoter study. For promoter cloning experiments, restriction sites are indicated in bold. For EMSA, transcription factor binding sites are indicated in bold. Mutated bases are underlined.

Assay	Name	Sequence 5' to 3'
5' RACE	<i>Gjb2</i> -outer RACE	GGTTGGCACTGTGTCCCGAGG
	<i>Gjb2</i> -inner1 RACE	GGAGCAGGTCCGGAGTGGGT
	<i>Gjb2</i> -inner2 RACE	GGGTATCGGGCCGCTCCTG
Promoter cloning	-1564/+133 pmt <i>Gjb2</i> -F	TGGCT GCTAGC GCCCTCATC
	-1564/+133 pmt <i>Gjb2</i> -R	CTCC AAGCTT GGTCAGAAGT
	pmt <i>Gjb2</i> -R	TTCACTGCATACGACGATTC
	-230/+133 pmt <i>Gjb2</i> -F	GCCTTGAG GCTAGC AGAGAG
	-148/+133 pmt <i>Gjb2</i> -F	TC GCTAGCT CTGACG
	-101/+133 pmt <i>Gjb2</i> -F	GGGT GGCTAGCT ACTGGGA
	-64/+133 pmt <i>Gjb2</i> -F	TTCTCAATCG CTCGAG GGT
	-8/+133 pmt <i>Gjb2</i> -F	CGGC CTCGAG GTGTCCA
Mutagenesis	<i>Gjb2</i> m-221SP1-F	GCCTTGAGCTGGGGGTAAAGTAGGGT
	<i>Gjb2</i> m-221SP1-R	CCCCACTCCACCCTACTTTACCCCCAG
	<i>Gjb2</i> m-201AP2-F	GGGGTAGGGTGGAGTGAAGTGGGGAGTGACTTAG
	<i>Gjb2</i> m-201AP2-R	CTAAGTCACTCCCCACTTCACTCCACCCTACCCC
	<i>Gjb2</i> m-126SP1-F	GCCCCGAGAGCTAAGCCCCGCGGCGC
	<i>Gjb2</i> m-126SP1-R	GCGCCGCGGGCTTAGCTCTCCGGGC
	<i>Gjb2</i> m-124AP2-F	GCTCCGCCCGCTACGCTGGGGGTGG
	<i>Gjb2</i> m-124AP2-R	CCACCCCCAGCGTAGCGGGCGGAGC
	<i>Gjb2</i> m-124126SP1AP2-F	CGGAGAGCTCCGAACGCGGCGCTGGG
	<i>Gjb2</i> m-124126SP1AP2-R	CCCAGCGCCGCGTTCGGAGCTCTCCG
	<i>Gjb2</i> m-50SP1-F	TCCAGGGTGAGAGAGGAAGGGTGAGGGGTTCAG
	<i>Gjb2</i> m-50SP1-R	CTGAACCCCTCACCTTCTCTCTCACCTGGA
Bisulfite treatment	-700/-483pmt <i>Gjb2</i> -F	GGTGGAGTGGGGTGGGGAGTGATTTAG
	-700/-483 pmt <i>Gjb2</i> -R	ACCTTTTAACTAAACCCCTCACCC
	-194/+97 pmt <i>Gjb2</i> -F	TTTTTGGTATTTTGTTTAAAGTGAT
	-194/+97 pmt <i>Gjb2</i> -R	ATATAAACCAACAACCTTCCAATATC
	-102/-111 pmt <i>Rhox5</i> -F	TTTAACTGGGCACCCTAAGT
	-102/-111 pmt <i>Rhox5</i> -F	GGCTGATATCATGGCTAGA
EMSA	<i>Sp1/Tfap2a</i> sense	GAGAGCTCCGCCCGCGGCGCTGGGG
	<i>Sp1/Tfap2a</i> antisense	CCCCAGCGCCCGGGCGGAGCTCTC
	m <i>Sp1/Tfap2a</i> sense	GAGAGCT AAGCCC GCGGCGCTGGGG

	m <i>Sp1</i> / <i>Tfap2a</i> A antisense	CCCCAGCGCCGCGGGCTTAGCTCTC
	<i>Sp1</i> / <i>mTfap2a</i> sense	GAGAGCTCCGCCCGCTACGCTGGGG
	<i>Sp1</i> / <i>mTfap2a</i> antisense	CCCCAGCGTAGCGGGCGGAGCTCTC
	m <i>Sp1</i> / <i>mTfap2a</i> sense	GAGAGCTCCGAACGCGGCGCTGGGG
	m <i>Sp1</i> / <i>mTfap2a</i> antisense	CCCCAGCGCCGCGTTCTCGGAGCTCTC
	-50 <i>Sp1</i> sense	GGTGAGAGAGGCGGGGTGAGGGG
	-50 <i>Sp1</i> antisense	CCCCTCACCCCGCCTCTCTCACC
	-50 m <i>Sp1</i> sense	GGTGAGAGAGGAAGGGTGAGGGG
	-50 m <i>Sp1</i> antisense	CCCCTCACCTTCTCTCTCTCACC
ChIP	<i>Gjb2</i> ChIP-F	GTGACTTAGGCTCCAGGAGAG
	<i>Gjb2</i> ChIP-R	CACCCTGGAGCGATTGAGAA
	qPCR <i>Gjb2</i> ChIP-R	ACTGGCTGCGAGTTGGGAG
qPCR siRNA	qPCR <i>Sp1</i> sense	GCCAGGCCTCCAGACCATT
	qPCR <i>Sp1</i> antisense	GTACATGCTTCCCGCCGAGT
	qPCR <i>Tfap2a</i> sense	GCCTTTTGTGTGTGGCTCTTT
	qPCR <i>Tfap2a</i> antisense	GCTGGTGTAGGGAGATTGACC
	qPCR <i>Gjb2</i> sense	ACGCTCCTCGGGACACAGT
	qPCR <i>Gjb2</i> antisense	TGGTGGAGTGCTTGTTGACAC
	qPCR <i>Gapdh</i> sense	TCTCTGCTCCTCCCTGTTCTA
	qPCR <i>Gapdh</i> antisense	AACTTGCCGTGGGTAGAGTC