

**BRCA1 DNA SEQUENCE: 600 bases near the 3' end of the BRCA1 gene
Reference sequence plus sequences for Deb, Lori, Katherine,
Mother, Father, and Uncle**

>BRCA1_Reference_DNA_Sequence

GTGTACAAGTTTGGCAGAAAACACCACATCACTTTAACTAATCTAATTACTGAAGAGACTACTCATGTTGTTATGAA
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AATGGCTTCCATGCAATTGGGCAGATGTGTGAGGCACCTGTGGTGACCCGAGAGTGGGTGTTGGACAGTGTAGCACT
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>Deborah_BRCA1_DNA_Sequence

GTGTACAAGTTTGGCAGAAAACACCACATCACTTTAACTAATCTAATTACTGAAGAGACTACTCATGTTGTTATGAA
AACAGATGCTGAGTTTGTGTGTGAACGGACACTGAAATATTTTCTAGGAATTGCGGGAGGAAAATGGGTAGTTAGCT
ATTTCTGGGTGACCCAGTCTATTAAAGAAAGAAAAATGCTGAATGAGCATGATTTTGAAGTCAGAGGAGATGTGGTC
AATGGAAGAAACCACCAAGGTCCAAAGCGAGCAAGAGAATCCCAGGACAGAAAGATCTTCAGGGGGCTAGAAATCTG
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>Lori_BRCA1_DNA_Sequence

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AATGGCTTCCATGCAATTGGGCAGATGTGTGAGGCACCTGTGGTGACCCGAGAGTGGGTGTTGGACAGTGTAGCACT
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>Katherine_BRCA1_DNA_Sequence

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>Mother_BRCA1_DNA_Sequence

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>Father_BRCA1_DNA_Sequence

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>Uncle_BRCA1_DNA_Sequence

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CTACCAGTGCCAGGAGCTGGACACCTACCTGATACCCCAGATCCCCACAGCCACTACTGA

BRCA1 PROTEIN SEQUENCES:

Reference sequence plus sequences for Deb, Lori, Katherine,
Mother, Father, and Uncle

>BRCA1_Reference_Protein_Sequence

MDLSALRVEEVQNVINAMQKILECPICLELIKEPVSTKCDHIFCKFCMLKLLNQKKGPSQCPLCKNDITKRSLQEST
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>Deborah_BRCA1_Protein_Sequence

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>Lori_BRCA_Protein_Sequence

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> Katherine_BRCA1_Protein_Sequence

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> Mother_BRCA1_Protein_Sequence

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ELDTYLIPQIPHSHY

>Father_BRCA1_Protein_Sequence

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BRCA1 PROTEIN SEQUENCES:

Reference sequence plus sequences for Patients A-L

>BRCA1_Reference_Protein_Sequence

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>Patient A

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>Patient B

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>Patient C

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>Patient D

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>Patient E

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>Patient F

MDLSALRVEEVQNVINAMQKILECPICLELIKEPVSTKCDHIFCKFCMLKLLNQKKGPSQCPLCKNDITK RSLQEST
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ELDTYLIPQIPHSHY

>Patient G

MDLSALRVEEVQNVINAMQKILECPICLELIKEPVSTKCDHIFCKFCMLKLLNQKKGPSQCPLCKNDITK RSLQEST
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ELDTYLIPQIPHSHY

>Patient H

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KQPGLARSQHNRWAGSKETCND RRT PSTEKKVDL NADPLCERKEWNKQKLPCSENPRDTE DVPWITLNSSIQKVNEW
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>Patient I

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>Patient J

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>Patient K

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>Patient L

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