



Patient : Kardashian, Kimberly
Clinic : Grady Memorial Hospital, Atlanta, GA
Gender : Female
DOB : 10/21/1980

HIGH RISK

| Gene | Mutation | Known Associations |
|-------|----------|--------------------|
| MSH2 | c.8C>G | Lynch-syndrome |
| BRCA1 | c.9A>T | Breast-cancer |
| BRCA2 | c.10G>C | Ovarian-cancer |

Gene Details: *MSH2* c.8C>G : NM-000251.2

Functional Significance: Deleterious

The heterozygous germline *MSH2* c.8C>G is predicted to result in the premature truncation of the *MSH2* protein due to abnormal protein production and/or function.

Clinical Significance: High Cancer Risk

This mutation is associated with increased cancer risk and should be regarded as clinically significant.

Additional Information

Genes Analyzed: *APC, ATM, BARD1, BMPR1A, BRCA1, BRCA2, BRIP1, CDH1, CDK4, CDKN2A, CHEK2, EPCAM, MLH1, MSH2, MSH6, MUTYH, NBN, PALB2, PMS2, PTEN, RAD51C, SMAD4, STK11, TP53*

Disclaimer: The technical specifications summary of ICRC Gene Expose describes the analysis, method, performance, nomenclature, and interpretive criteria of this test. The classification and interpretation of variants identified reflect the current state of scientific understanding at the time of this report.

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