|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Supplementary Table S2. Germline mutations of the patient. | | | | | | |
| Gene name | Transcript | Base change | Amino acid change | Mutation position | Genotype | Pathogenicity |
| ALK | NM\_004304.4 | c.3035C>T | p.T1012M | exon18 | Heterozygous | Benign |
| BRCA2 | NM\_000059.3 | c.1744A>C | p.T582P | exon10 | Heterozygous | Benign |
| BRIP1 | NM\_032043.2 | c.587A>G | p.N196S | exon6 | Heterozygous | Benign |
| FANCA | NM\_000135.2 | c.2981+4dupA |  | intron30 | Heterozygous | Variant of uncertain significance |
| FANCC | NM\_000136.2 | c.973G>A | p.A325T | exon10 | Heterozygous | Benign |
| MSH3 | NM\_002439.4 | c.356C>T | p.S119F | exon2 | Heterozygous | Benign |