Started on	Saturday, 28 October 2023, 8:04 PM
State	Finished
Completed on	Sunday, 29 October 2023, 9:14 PM
Time taken	1 day 2 hours
Marks	9.00/9.00
Grade	<b>10.00</b> out of 10.00 ( <b>100</b> %)

1	What is the <b>Entrez Gene ID</b> of <i>BRCA1</i> in the human genome?
67	
	VSG0000012048
	C_000017.11 ank answer
	ark 1.00 out of 1.00
1716	iik 1.00 out 01 1.00
Th	e correct answer is: 672
2	Where is this gene located? Chromosome 17
Rev	erse 🗢 🗸 strand.
3	How many transcripts does BRCA1 encode according to Ensembl?
0 1 t	ranscript
	transcripts
	transcripts  ank answer
	ark 1.00 out of 1.00
Th	e correct answer is: >5 transcripts
4	Which are the closest <b>protein-coding genes</b> to <i>BRCA1</i> according to Ensembl? RND2 ✓ downstrea
(1000	st to its 3' end) and NBR1 vupstream (closest to its 5' end) (answer with the corresponding gene
symbo	
5	Is BRCA1 involved in any known phenotype?
	in color
	rkinson
	rious types of cancer ✓ ank answer
Ma	ark 1.00 out of 1.00
Th	e correct answer is: Various types of cancer
6	Browse the Variant table and find SNP rs1800704. Which is the most abundant allele?
○ C	
O T	
	depends on the population
O Bl	ank answer
Ma	ark 1.00 out of 1.00
Th	e correct answer is: C
7	What is the main objective of the 1000 Genomes Project?
ОТо	characterize human genes
	study human genetic diversity in diverse populations ✓
	compare dozens of sequenced mammalian genomes
O Bl	ank answer
Ma	ark 1.00 out of 1.00
	e correct answer is: To study human genetic diversity in diverse nanulations

Question 1
Correct

9.00

Mark 9.00 out of