

☆ Luminal B/HER2-negative-like breast cancer (Zhang, 2020)

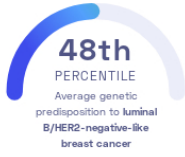
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Nature Genetics

Cancer Breasts

STUDY SUMMARY

Discovery of novel genetic variants associated with luminal B/HER2-negative-like breast cancer.

YOUR RESULT



STUDY DESCRIPTION

Among women, breast cancer is the second most common type of cancer. In fact, about 13% of women in the United States develop breast cancer during their lifetime. Breast cancer types can be classified by tumor markers, such as the *receptors* found on the surface of cancer cells. Luminal B/HER2-negative-like breast cancer is a type of breast cancer characterized by cancerous cells originating in the inner, or luminal, cells that line the *mammary ducts*. This breast cancer type is also characterized by cells growing in response to excess estrogen, but it tends to grow faster and have a worse prognosis than luminal A-like breast cancer. This genome-wide association study examined nearly 266,000 individuals of European ancestry to identify genetic variants associated with different breast cancer types, including luminal B/HER2-negative-like breast cancer. In total, the researchers identified 330 genomic regions associated with breast cancer types and used them to calculate polygenic scores. (The study did not provide statistical significance values for all variants. We set all values to 5×10^{-8} .)

DID YOU KNOW?

A treatment option for patients with breast cancer is to get a mastectomy, which is the surgical removal of one or both breasts. The first-ever mastectomy was performed almost 200 years ago by a Japanese surgeon.

YOUR DETAILED RESULTS

To calculate your genetic predisposition to luminal B/HER2-negative-like breast cancer we summed up the effects of genetic variants that were linked to luminal B/HER2-negative-like breast cancer in the [study that this report is based on](#). These variants can be found in the table below. The variants highlighted in green have **positive effect sizes** and increase your genetic predisposition to luminal B/HER2-negative-like breast cancer. The variants highlighted in blue have **negative effect sizes** and decrease your genetic predisposition to luminal B/HER2-negative-like breast cancer. Variants that are not highlighted are not found in your genome and do not affect your genetic predisposition to luminal B/HER2-negative-like breast cancer. By adding up the effect sizes of the highlighted variants **we calculated your polygenic score for luminal B/HER2-negative-like breast cancer to be -0.43**. To determine whether your score is high or low, we compared it to the scores of 5,000 other Nebula Genomics users. We found that your polygenic score for luminal B/HER2-negative-like breast cancer is in the **48th percentile**. This means that it is higher than the polygenic scores 48% of people. We consider this to be an **average genetic predisposition to luminal B/HER2-negative-like breast cancer**. However, please note that genetic predispositions do not account for important non-genetic factors like lifestyle. Furthermore, the genetics of most traits has not been fully understood yet and many associations between traits and genetic variants remain unknown. For additional explanations, click on the column titles in the table below and visit our [Nebula Library tutorial](#).

VARIANT [Ⓞ]	YOUR GENOTYPE [Ⓞ]	EFFECT SIZE [Ⓞ]	VARIANT FREQUENCY [Ⓞ]	SIGNIFICANCE [Ⓞ]
rs9712235_A NEW	A / A	-0.02 (↓)	74%	5.00×10^{-8}
rs4602255_A NEW	A / A	0.04 (↑)	45%	5.00×10^{-8}
rs1375631_G NEW	A / G	0.01 (↑)	50%	5.00×10^{-8}
rs13256025_T NEW	C / T	0.06 (↑)	21%	5.00×10^{-8}
rs13277568_G NEW	A / A	-0.06 (-)	37%	5.00×10^{-8}
rs4742903_C NEW	G / G	0.04 (-)	56%	5.00×10^{-8}
rs11652463_G NEW	C / C	-0.05 (-)	30%	5.00×10^{-8}
rs495367_G NEW	A / G	0.05 (↑)	35%	5.00×10^{-8}
rs7924772_G NEW	A / G	0.01 (↑)	39%	5.00×10^{-8}
rs78378222_G NEW	NA	0.03 (-)	1%	5.00×10^{-8}
rs206435_C NEW	A / C	0.02 (↑)	51%	5.00×10^{-8}
rs6065254_A NEW	G / A	-0.02 (↓)	41%	5.00×10^{-8}
rs17215231_T NEW	C / C	-0.05 (-)	8%	5.00×10^{-8}
rs612683_T	A / A	0.03 (-)	41%	5.00×10^{-8}
rs616488_G	G / G	-0.05 (↓)	32%	5.00×10^{-8}
rs7513707_A	G / G	0.04 (-)	17%	5.00×10^{-8}
rs12406858_C	A / A	0.05 (-)	27%	5.00×10^{-8}
rs637868_C	C / C	0.03 (↑)	53%	5.00×10^{-8}
rs11249433_G	A / A	0.06 (-)	42%	5.00×10^{-8}
rs111458676_G	A / A	-0.05 (-)	10%	5.00×10^{-8}
rs11205303_C	T / T	0.02 (-)	41%	5.00×10^{-8}
rs12091730_A	A / A	0.05 (↑)	23%	5.00×10^{-8}
rs2992756_C	T / C	-0.07 (↓)	51%	5.00×10^{-8}
rs35383942_T	C / C	0.02 (-)	6%	5.00×10^{-8}
rs7514172_A	T / T	0.02 (-)	28%	5.00×10^{-8}
rs2785646_A	A / A	-0.09 (↓)	33%	5.00×10^{-8}
rs2576261_G	T / T	0.03 (-)	33%	5.00×10^{-8}
rs11117758_A	G / G	-0.04 (-)	21%	5.00×10^{-8}
rs11118563_T	C / C	0.07 (-)	25%	5.00×10^{-8}
rs72756295_G	NA	0.14 (-)	3%	5.00×10^{-8}
rs4233486_T	C / T	0.03 (↑)	65%	5.00×10^{-8}
rs114282204_C	NA	0.12 (-)	2%	5.00×10^{-8}
rs707475_A	G / A	-0.02 (↓)	38%	5.00×10^{-8}
rs17426269_A	G / G	0.04 (-)	15%	5.00×10^{-8}
rs2151842_A	C / C	-0.02 (-)	24%	5.00×10^{-8}
rs78425380_C	T / T	0.03 (-)	12%	5.00×10^{-8}
rs710950_C	C / C	-0.07 (↓)	70%	5.00×10^{-8}

rs748260_G	G / G	-0.03 (↓)	70%	5.00 x 10 ⁻⁸
rs17626845_C	T / T	-0.04 (-)	19%	5.00 x 10 ⁻⁸
rs10164550_A	G / A	-0.02 (↓)	35%	5.00 x 10 ⁻⁸
rs10179592_C	C / C	0.13 (↑)	90%	5.00 x 10 ⁻⁸
rs17726078_G	C / C	-0.01 (-)	47%	5.00 x 10 ⁻⁸
rs1550622_G	G / G	0.08 (↑)	85%	5.00 x 10 ⁻⁸
rs2356656_T	T / T	-0.01 (↓)	86%	5.00 x 10 ⁻⁸
rs6743383_A	T / T	-0.05 (-)	55%	5.00 x 10 ⁻⁸
rs10197246_C	T / T	-0.04 (-)	71%	5.00 x 10 ⁻⁸
rs4442975_T	T / T	-0.11 (↓)	48%	5.00 x 10 ⁻⁸
rs11693806_G	G / G	-0.08 (↓)	72%	5.00 x 10 ⁻⁸
rs3791977_A	G / A	-0.03 (↓)	39%	5.00 x 10 ⁻⁸
rs4676356_A	A / A	-0.06 (↓)	98%	5.00 x 10 ⁻⁸
rs12472404_C	G / C	-0.01 (↓)	23%	5.00 x 10 ⁻⁸
rs4322799_C	T / C	-0.06 (↓)	26%	5.00 x 10 ⁻⁸
rs6756513_A	G / G	-0.07 (-)	27%	5.00 x 10 ⁻⁸
rs1036759_C	G / G	0.03 (-)	31%	5.00 x 10 ⁻⁸
rs9882792_T	C / C	-0.02 (-)	22%	5.00 x 10 ⁻⁸
rs552647_A	C / C	0.10 (-)	54%	5.00 x 10 ⁻⁸
rs112476261_T	NA	-0.11 (-)	2%	5.00 x 10 ⁻⁸
rs56387622_C	T / T	-0.04 (-)	10%	5.00 x 10 ⁻⁸
rs6762558_G	A / A	0.06 (-)	39%	5.00 x 10 ⁻⁸
rs2886671_T	C / T	-0.04 (↓)	42%	5.00 x 10 ⁻⁸
rs9825432_G	G / G	-0.05 (↓)	63%	5.00 x 10 ⁻⁸
rs13066793_G	A / A	-0.11 (-)	9%	5.00 x 10 ⁻⁸
rs639355_A	G / A	-0.02 (↓)	48%	5.00 x 10 ⁻⁸
rs62331150_T	G / G	0.05 (-)	23%	5.00 x 10 ⁻⁸
rs56039025_T	C / C	-0.06 (-)	11%	5.00 x 10 ⁻⁸
rs28436676_A	G / G	-0.12 (-)	11%	5.00 x 10 ⁻⁸
rs62334414_A	C / A	0.03 (↑)	35%	5.00 x 10 ⁻⁸
rs13147907_T	A / A	0.05 (-)	45%	5.00 x 10 ⁻⁸
rs10012017_T	G / G	0.03 (-)	25%	5.00 x 10 ⁻⁸
rs17014016_A	G / A	0.05 (↑)	44%	5.00 x 10 ⁻⁸
rs17157372_T	G / T	-0.03 (↓)	18%	5.00 x 10 ⁻⁸
rs335160_A	A / A	-0.05 (↓)	74%	5.00 x 10 ⁻⁸
rs1428387_T	NA	0.11 (-)	3%	5.00 x 10 ⁻⁸
rs10069690_T	C / T	0.05 (↑)	26%	5.00 x 10 ⁻⁸
rs6860806_G	A / A	0.05 (-)	55%	5.00 x 10 ⁻⁸
rs6596100_T	C / C	-0.05 (-)	24%	5.00 x 10 ⁻⁸
rs62329727_C	NA	0.09 (-)	1%	5.00 x 10 ⁻⁸
rs1432679_T	T / T	-0.03 (↓)	56%	5.00 x 10 ⁻⁸
rs17611291_C	G / G	-0.04 (-)	55%	5.00 x 10 ⁻⁸
rs10074269_C	T / T	0.07 (-)	34%	5.00 x 10 ⁻⁸
rs6864691_A	G / G	0.03 (-)	42%	5.00 x 10 ⁻⁸
rs4868701_C	C / C	0.01 (↑)	54%	5.00 x 10 ⁻⁸
rs4866496_A	G / G	0.05 (-)	42%	5.00 x 10 ⁻⁸
rs187108781_G	A / A	-0.07 (-)	15%	5.00 x 10 ⁻⁸
rs4613718_T	C / T	0.02 (↑)	61%	5.00 x 10 ⁻⁸
rs10941679_G	A / A	0.10 (-)	26%	5.00 x 10 ⁻⁸
rs17343002_C	G / G	-0.03 (-)	30%	5.00 x 10 ⁻⁸
rs889310_T	C / T	0.04 (↑)	56%	5.00 x 10 ⁻⁸
rs16886165_G	T / T	0.21 (-)	17%	5.00 x 10 ⁻⁸
rs76250845_T	C / C	0.28 (-)	6%	5.00 x 10 ⁻⁸
rs11949391_C	T / T	-0.07 (-)	16%	5.00 x 10 ⁻⁸
rs113778879_T	C / C	-0.05 (-)	57%	5.00 x 10 ⁻⁸
rs3010266_A	G / A	-0.02 (↓)	25%	5.00 x 10 ⁻⁸
rs157557_C	T / T	-0.04 (-)	32%	5.00 x 10 ⁻⁸
rs332529_A	G / G	-0.06 (-)	15%	5.00 x 10 ⁻⁸
rs418053_C	C / C	-0.06 (↓)	56%	5.00 x 10 ⁻⁸
rs2121348_C	T / T	-0.08 (-)	20%	5.00 x 10 ⁻⁸
rs6913578_C	A / A	0.08 (-)	32%	5.00 x 10 ⁻⁸
rs2254079_C	A / A	0.00 (-)	8%	5.00 x 10 ⁻⁸

rs00984078_G	A / A	0.20 (-)	8%	5.00 x 10 ⁻⁸
rs851984_A	G / A	0.11 (↑)	40%	5.00 x 10 ⁻⁸
rs6904031_T	A / A	0.20 (-)	7%	5.00 x 10 ⁻⁸
rs910416_T	C / T	0.08 (↑)	52%	5.00 x 10 ⁻⁸
rs3819405_T	C / T	-0.05 (↓)	33%	5.00 x 10 ⁻⁸
rs9364472_G	C / G	-0.05 (↓)	52%	5.00 x 10 ⁻⁸
rs6940159_C	T / T	0.03 (-)	62%	5.00 x 10 ⁻⁸
rs12211970_A	G / A	0.02 (↑)	62%	5.00 x 10 ⁻⁸
rs9358466_C	C / C	-0.04 (↓)	43%	5.00 x 10 ⁻⁸
rs34196306_C	G / G	-0.05 (-)	8%	5.00 x 10 ⁻⁸
rs111342015_A	G / G	-0.05 (-)	9%	5.00 x 10 ⁻⁸
rs71559437_A	A / A	-0.06 (↓)	12%	5.00 x 10 ⁻⁸
rs7800548_C	T / T	0.01 (-)	35%	5.00 x 10 ⁻⁸
rs12706954_T	C / C	-0.01 (-)	37%	5.00 x 10 ⁻⁸
rs68066147_A	G / G	0.04 (-)	30%	5.00 x 10 ⁻⁸
rs62485509_T	G / G	-0.06 (-)	23%	5.00 x 10 ⁻⁸
rs7971_G	A / G	-0.03 (↓)	35%	5.00 x 10 ⁻⁸
rs289997_T	C / C	-0.02 (-)	16%	5.00 x 10 ⁻⁸
rs74765302_A	G / G	-0.03 (-)	11%	5.00 x 10 ⁻⁸
rs13244925_C	A / A	-0.01 (-)	54%	5.00 x 10 ⁻⁸
rs17268829_C	T / T	0.08 (-)	29%	5.00 x 10 ⁻⁸
rs4439053_A	G / A	-0.07 (↓)	16%	5.00 x 10 ⁻⁸
rs111963714_G	T / G	0.04 (↑)	21%	5.00 x 10 ⁻⁸
rs62517052_C	T / T	0.10 (-)	10%	5.00 x 10 ⁻⁸
rs12546444_T	A / T	-0.05 (↓)	10%	5.00 x 10 ⁻⁸
rs13267382_G	G / G	-0.09 (↓)	64%	5.00 x 10 ⁻⁸
rs62526620_G	A / A	0.07 (-)	13%	5.00 x 10 ⁻⁸
rs35542655_C	T / T	0.04 (-)	15%	5.00 x 10 ⁻⁸
rs12541094_A	G / A	0.02 (↑)	42%	5.00 x 10 ⁻⁸
rs7842619_G	T / G	0.04 (↑)	40%	5.00 x 10 ⁻⁸
rs12550713_G	C / G	0.10 (↑)	42%	5.00 x 10 ⁻⁸
rs10096351_G	A / G	0.10 (↑)	56%	5.00 x 10 ⁻⁸
rs1016578_A	G / G	0.05 (-)	18%	5.00 x 10 ⁻⁸
rs7830152_G	A / G	-0.03 (↓)	34%	5.00 x 10 ⁻⁸
rs66823261_C	C / C	0.08 (↑)	22%	5.00 x 10 ⁻⁸
rs1028016_G	A / G	-0.01 (↓)	64%	5.00 x 10 ⁻⁸
rs310295_A	C / A	0.03 (↑)	41%	5.00 x 10 ⁻⁸
rs9693444_C	A / A	-0.03 (-)	67%	5.00 x 10 ⁻⁸
rs13365225_G	A / A	-0.09 (-)	18%	5.00 x 10 ⁻⁸
rs1511243_G	G / G	0.11 (↑)	83%	5.00 x 10 ⁻⁸
rs72658084_T	C / C	0.12 (-)	9%	5.00 x 10 ⁻⁸
rs1533366_T	G / G	-0.04 (-)	36%	5.00 x 10 ⁻⁸
rs10816625_G	A / A	0.14 (-)	7%	5.00 x 10 ⁻⁸
rs13294895_T	T / T	0.12 (↑)	18%	5.00 x 10 ⁻⁸
rs7848334_T	T / T	0.12 (↑)	61%	5.00 x 10 ⁻⁸
rs630965_T	T / T	0.11 (↑)	64%	5.00 x 10 ⁻⁸
rs1895062_G	A / A	-0.05 (-)	40%	5.00 x 10 ⁻⁸
rs3861871_G	A / G	-0.05 (↓)	45%	5.00 x 10 ⁻⁸
rs17694493_G	C / C	0.01 (-)	14%	5.00 x 10 ⁻⁸
rs10975870_G	A / A	0.03 (-)	29%	5.00 x 10 ⁻⁸
rs665889_C	T / C	0.04 (↑)	51%	5.00 x 10 ⁻⁸
rs10120432_C	T / T	0.04 (-)	10%	5.00 x 10 ⁻⁸
rs10885405_T	C / T	0.02 (↑)	47%	5.00 x 10 ⁻⁸
rs12250948_C	C / C	-0.07 (↓)	78%	5.00 x 10 ⁻⁸
rs9421410_A	G / A	-0.07 (↓)	32%	5.00 x 10 ⁻⁸
rs45631580_G	A / G	-0.11 (↓)	6%	5.00 x 10 ⁻⁸
rs45631563_T	NA	-0.17 (-)	4%	5.00 x 10 ⁻⁸
rs10796139_A	G / A	0.02 (↑)	44%	5.00 x 10 ⁻⁸
rs7072776_G	G / G	-0.05 (↓)	70%	5.00 x 10 ⁻⁸
rs10764337_C	C / C	0.10 (↑)	94%	5.00 x 10 ⁻⁸
rs2384736_A	C / C	0.02 (-)	37%	5.00 x 10 ⁻⁸
rs10905204_C	G / G	-0.12 (↓)	45%	5.00 x 10 ⁻⁸

rs10990207_G	G / G	-0.12 (↓)	10%	5.00 x 10 ⁻⁸
rs6479868_T	G / G	0.02 (-)	20%	5.00 x 10 ⁻⁸
rs111833376_T	C / C	-0.01 (-)	31%	5.00 x 10 ⁻⁸
rs719338_T	T / T	-0.02 (↓)	61%	5.00 x 10 ⁻⁸
rs4980029_G	A / A	0.06 (-)	17%	5.00 x 10 ⁻⁸
rs7125780_G	T / T	0.01 (-)	66%	5.00 x 10 ⁻⁸
rs610437_C	T / C	-0.03 (↓)	62%	5.00 x 10 ⁻⁸
rs625145_T	A / A	-0.05 (-)	20%	5.00 x 10 ⁻⁸
rs7121616_G	A / A	-0.03 (-)	29%	5.00 x 10 ⁻⁸
rs7939702_G	T / G	-0.06 (↓)	86%	5.00 x 10 ⁻⁸
rs11822830_G	G / G	0.03 (↑)	61%	5.00 x 10 ⁻⁸
rs10832963_G	T / G	0.06 (↑)	73%	5.00 x 10 ⁻⁸
rs4980386_A	C / C	-0.05 (-)	38%	5.00 x 10 ⁻⁸
rs4472923_T	C / C	-0.03 (-)	33%	5.00 x 10 ⁻⁸
rs7394716_C	C / C	-0.04 (↓)	80%	5.00 x 10 ⁻⁸
rs10838267_A	G / G	0.05 (-)	65%	5.00 x 10 ⁻⁸
rs77047825_G	C / C	-0.06 (-)	6%	5.00 x 10 ⁻⁸
rs12287832_A	C / C	0.04 (-)	19%	5.00 x 10 ⁻⁸
rs10896047_A	A / A	-0.04 (↓)	48%	5.00 x 10 ⁻⁸
rs35039974_T	A / T	-0.07 (↓)	21%	5.00 x 10 ⁻⁸
rs661204_A	G / A	0.16 (↑)	14%	5.00 x 10 ⁻⁸
rs78640526_T	C / C	0.22 (-)	9%	5.00 x 10 ⁻⁸
rs6597981_G	G / G	0.02 (↑)	52%	5.00 x 10 ⁻⁸
rs2454399_C	T / T	-0.06 (-)	41%	5.00 x 10 ⁻⁸
rs12422552_C	G / C	0.03 (↑)	27%	5.00 x 10 ⁻⁸
rs788458_T	C / C	-0.13 (-)	11%	5.00 x 10 ⁻⁸
rs7297051_T	C / C	-0.11 (-)	23%	5.00 x 10 ⁻⁸
rs2277339_G	T / T	-0.05 (-)	10%	5.00 x 10 ⁻⁸
rs17356907_G	A / A	-0.07 (-)	29%	5.00 x 10 ⁻⁸
rs56404467_A	NA	0.24 (-)	2%	5.00 x 10 ⁻⁸
rs11571833_T	NA	0.40 (-)	1%	5.00 x 10 ⁻⁸
rs9315973_G	A / G	0.02 (↑)	83%	5.00 x 10 ⁻⁸
rs12870942_C	C / C	0.04 (↑)	32%	5.00 x 10 ⁻⁸
rs2181965_G	G / G	0.03 (↑)	77%	5.00 x 10 ⁻⁸
rs4983544_G	T / G	0.02 (↑)	47%	5.00 x 10 ⁻⁸
rs34914085_A	C / A	-0.07 (↓)	20%	5.00 x 10 ⁻⁸
rs2253012_T	C / T	0.03 (↑)	45%	5.00 x 10 ⁻⁸
rs2588809_C	C / C	-0.09 (↓)	83%	5.00 x 10 ⁻⁸
rs11624333_C	T / C	-0.06 (↓)	25%	5.00 x 10 ⁻⁸
rs941764_G	A / A	0.06 (-)	35%	5.00 x 10 ⁻⁸
rs78440108_T	C / C	-0.06 (-)	17%	5.00 x 10 ⁻⁸
rs144767203_C	A / A	-0.07 (-)	11%	5.00 x 10 ⁻⁸
rs187010898_A	NA	-0.17 (-)	1%	5.00 x 10 ⁻⁸
rs4774565_G	A / G	-0.04 (↓)	34%	5.00 x 10 ⁻⁸
rs8042593_A	A / A	-0.02 (↓)	64%	5.00 x 10 ⁻⁸
rs35874463_G	A / A	0.08 (-)	5%	5.00 x 10 ⁻⁸
rs8035987_C	T / C	-0.03 (↓)	26%	5.00 x 10 ⁻⁸
rs2290202_T	G / G	-0.15 (-)	13%	5.00 x 10 ⁻⁸
rs34872983_A	G / G	-0.02 (-)	7%	5.00 x 10 ⁻⁸
rs75753503_T	NA	0.05 (-)	2%	5.00 x 10 ⁻⁸
rs11076805_A	C / A	-0.02 (↓)	26%	5.00 x 10 ⁻⁸
rs35668161_A	C / A	0.21 (↑)	28%	5.00 x 10 ⁻⁸
rs4784227_T	C / T	0.20 (↑)	27%	5.00 x 10 ⁻⁸
rs55872725_T	C / T	-0.06 (↓)	41%	5.00 x 10 ⁻⁸
rs6499648_T	C / T	-0.03 (↓)	76%	5.00 x 10 ⁻⁸
rs7184573_A	G / A	-0.04 (↓)	36%	5.00 x 10 ⁻⁸
rs28539243_A	G / A	0.04 (↑)	49%	5.00 x 10 ⁻⁸
rs12709163_G	G / G	-0.02 (↓)	79%	5.00 x 10 ⁻⁸
rs7500067_G	A / A	0.09 (-)	24%	5.00 x 10 ⁻⁸
rs12449271_C	T / T	-0.04 (-)	25%	5.00 x 10 ⁻⁸
rs79461387_T	G / G	-0.04 (-)	26%	5.00 x 10 ⁻⁸
rs150537328_C	T / T	0.05 (-)	7%	5.00 x 10 ⁻⁸

rs11296_C	T / T	-0.10 (-)	6%	5.00×10^{-8}
rs17881320_T	G / T	0.01 (↑)	8%	5.00×10^{-8}
rs149370081_A	NA	0.14 (-)	1%	5.00×10^{-8}
rs2787486_C	A / A	-0.04 (-)	29%	5.00×10^{-8}
rs745670_G	A / G	-0.03 (↓)	50%	5.00×10^{-8}
rs11665269_T	T / T	-0.06 (↓)	64%	5.00×10^{-8}
rs1111207_C	T / T	0.05 (-)	43%	5.00×10^{-8}
rs527616_G	G / G	0.09 (↑)	63%	5.00×10^{-8}
rs8092192_G	C / G	0.02 (↑)	71%	5.00×10^{-8}
rs72931898_A	NA	-0.14 (-)	4%	5.00×10^{-8}
rs9964058_C	G / G	-0.07 (-)	7%	5.00×10^{-8}
rs9962980_C	T / C	-0.02 (↓)	34%	5.00×10^{-8}
rs117922601_T	G / G	0.10 (-)	5%	5.00×10^{-8}
rs56069439_A	C / C	0.05 (-)	30%	5.00×10^{-8}
rs10184323_T	C / C	-0.02 (-)	34%	5.00×10^{-8}
rs56681946_C	T / C	0.06 (↑)	36%	5.00×10^{-8}
rs4399645_C	T / C	-0.05 (↓)	60%	5.00×10^{-8}
rs1172821_T	C / T	-0.04 (↓)	36%	5.00×10^{-8}
rs1154723_C	C / C	0.02 (↑)	95%	5.00×10^{-8}
rs6030585_G	C / G	0.01 (↑)	79%	5.00×10^{-8}
rs13039563_A	G / G	0.04 (-)	24%	5.00×10^{-8}
rs16991615_A	G / A	0.09 (↑)	7%	5.00×10^{-8}
rs2822999_G	T / T	0.09 (-)	18%	5.00×10^{-8}
rs2823130_G	A / G	0.05 (↑)	9%	5.00×10^{-8}
rs2403907_A	C / C	-0.06 (-)	31%	5.00×10^{-8}
rs4818836_A	NA	0.11 (-)	4%	5.00×10^{-8}
rs9798754_T	C / C	-0.03 (-)	38%	5.00×10^{-8}
rs17879961_G	NA	0.07 (-)	1%	5.00×10^{-8}
rs6997390_A	G / A	0.05 (↑)	9%	5.00×10^{-8}
rs34134147_T	NA	0.34 (-)	2%	5.00×10^{-8}
rs132289_G	G / G	-0.35 (↓)	98%	5.00×10^{-8}
rs5760715_A	T / T	0.07 (-)	26%	5.00×10^{-8}
rs9611990_T	T / T	-0.04 (↓)	11%	5.00×10^{-8}
rs28512361_A	G / A	0.11 (↑)	11%	5.00×10^{-8}

N/A indicates variants that could not be imputed using the 1000 genomes project datasets and variants that have a frequency of < 5%. Your genome was sequenced at 30x/100x coverage and is not imputed. However, to calculate percentiles, we need to compare your data with other users imputed data. To make the data comparable, we need to exclude some of the variants from your data.