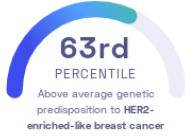


STUDY SUMMARY

Discovery of novel genetic variants associated with HER2-enriched-like breast cancer.

YOUR RESULT



STUDY DESCRIPTION

Breasts are complex structures with multiple cell types which can give rise to multiple types of cancer. Breast cancers are classified by what *receptors* cancer cells have on the outside. This classification is helpful for predicting outcomes and effective treatments. Breast cancers that use the human epidermal growth factor 2 receptor (HER2+) make up 15-30% of all breast cancers. HER2+ breast cancers are historically associated with poor prognosis and an increased recurrence, but there are now new drugs that specifically target the HER2 receptor and improve survival. HER2-enriched-like cancers have the HER2 receptor but do not have other hormone *receptors* like *receptors* for estrogen or progesterone. This genome-wide association study examined nearly 266,000 individuals of European ancestry to identify genetic variants associated with different breast cancer types, including HER2-enriched-like cancers. 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?

Modern therapies are able to specifically target cells that express HER2. This has dramatically increased the survival rate for patients with HER2+ breast cancer.

YOUR DETAILED RESULTS

To calculate your genetic predisposition to HER2-enriched-like breast cancer we summed up the effects of genetic variants that were linked to HER2-enriched-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 HER2-enriched-like breast cancer. The variants highlighted in blue have **negative effect sizes** and decrease your genetic predisposition to HER2-enriched-like breast cancer. Variants that are not highlighted are not found in your genome and do not affect your genetic predisposition to HER2-enriched-like breast cancer. By adding up the effect sizes of the highlighted variants we calculated your polygenic score for HER2-enriched-like breast cancer to be **0.78**. 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 HER2-enriched-like breast cancer is in the **63rd percentile**. This means that it is higher than the polygenic scores 63% of people. We consider this to be an **above average genetic predisposition to HER2-enriched-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	A / A	-0.01 (↓)	74%	5.00×10^{-8}
rs4602255_A	A / A	0.06 (↑)	45%	5.00×10^{-8}
rs13256025_T	C / T	0.08 (↑)	21%	5.00×10^{-8}
rs13277568_G	A / A	0.01 (-)	37%	5.00×10^{-8}
rs11652463_G	C / C	-0.06 (-)	30%	5.00×10^{-8}
rs495367_G	A / G	0.06 (↑)	35%	5.00×10^{-8}
rs7924772_G	A / G	-0.05 (↓)	39%	5.00×10^{-8}
rs78378222_G	NA	0.18 (-)	1%	5.00×10^{-8}
rs206435_C	A / C	0.05 (↑)	51%	5.00×10^{-8}
rs17215231_T	C / C	0.05 (-)	8%	5.00×10^{-8}
rs612683_T	A / A	-0.02 (-)	41%	5.00×10^{-8}
rs616488_G	G / G	-0.18 (↓)	32%	5.00×10^{-8}
rs7513707_A	G / G	0.05 (-)	17%	5.00×10^{-8}
rs12406868_C	A / A	0.03 (-)	27%	5.00×10^{-8}
rs637868_C	C / C	0.01 (↑)	53%	5.00×10^{-8}
rs11249433_G	A / A	-0.02 (-)	42%	5.00×10^{-8}
rs111458676_G	A / A	-0.05 (-)	10%	5.00×10^{-8}
rs11205303_C	T / T	0.01 (-)	41%	5.00×10^{-8}
rs12091730_A	A / A	0.08 (↑)	23%	5.00×10^{-8}
rs2992756_C	T / C	-0.02 (↓)	51%	5.00×10^{-8}
rs35383942_T	C / C	0.15 (-)	6%	5.00×10^{-8}
rs6686987_T	C / C	-0.15 (-)	40%	5.00×10^{-8}
rs7514172_A	T / T	0.08 (-)	28%	5.00×10^{-8}
rs2786646_A	A / A	-0.03 (↓)	33%	5.00×10^{-8}
rs2576261_G	T / T	0.06 (-)	33%	5.00×10^{-8}
rs11118563_T	C / C	0.04 (-)	25%	5.00×10^{-8}
rs72756295_G	NA	0.12 (-)	3%	5.00×10^{-8}
rs4233486_T	C / T	0.10 (↑)	65%	5.00×10^{-8}
rs114282204_C	NA	0.22 (-)	2%	5.00×10^{-8}
rs707475_A	G / A	-0.04 (↓)	38%	5.00×10^{-8}
rs2151842_A	C / C	-0.05 (-)	24%	5.00×10^{-8}
rs78425380_C	T / T	0.09 (-)	12%	5.00×10^{-8}
rs6746250_G	G / G	-0.05 (↓)	70%	5.00×10^{-8}
rs17625845_C	T / T	-0.06 (-)	19%	5.00×10^{-8}
rs10164550_A	G / A	-0.01 (↓)	35%	5.00×10^{-8}
rs10179592_C	C / C	0.10 (↑)	90%	5.00×10^{-8}
rs17726078_G	C / C	-0.04 (-)	47%	5.00×10^{-8}
rs1650622_G	G / G	0.08 (↑)	85%	5.00×10^{-8}

rs2356656_T	T / T	0.10 (↑)	86%	5.00 x 10 ⁻⁸
rs6743383_A	T / T	-0.04 (-)	55%	5.00 x 10 ⁻⁸
rs10197246_C	T / T	-0.02 (-)	71%	5.00 x 10 ⁻⁸
rs4442975_T	T / T	-0.10 (↓)	48%	5.00 x 10 ⁻⁸
rs11693806_G	G / G	-0.10 (↓)	72%	5.00 x 10 ⁻⁸
rs3791977_A	G / A	0.03 (↑)	39%	5.00 x 10 ⁻⁸
rs4676356_A	A / A	-0.13 (↓)	98%	5.00 x 10 ⁻⁸
rs6725517_G	G / G	-0.08 (↓)	40%	5.00 x 10 ⁻⁸
rs12472404_C	G / C	-0.05 (↓)	23%	5.00 x 10 ⁻⁸
rs4322799_C	T / C	-0.08 (↓)	26%	5.00 x 10 ⁻⁸
rs1036759_C	G / G	0.07 (-)	31%	5.00 x 10 ⁻⁸
rs9882792_T	C / C	-0.06 (-)	22%	5.00 x 10 ⁻⁸
rs552647_A	C / C	0.03 (-)	54%	5.00 x 10 ⁻⁸
rs112476261_T	NA	-0.52 (-)	2%	5.00 x 10 ⁻⁸
rs17838698_T	C / T	-0.02 (↓)	30%	5.00 x 10 ⁻⁸
rs56387622_C	T / T	-0.10 (-)	10%	5.00 x 10 ⁻⁸
rs6762558_G	A / A	0.09 (-)	39%	5.00 x 10 ⁻⁸
rs2886671_T	C / T	-0.05 (↓)	42%	5.00 x 10 ⁻⁸
rs9825432_G	G / G	-0.02 (↓)	63%	5.00 x 10 ⁻⁸
rs13066793_G	A / A	-0.03 (-)	9%	5.00 x 10 ⁻⁸
rs639355_A	G / A	0.02 (↑)	48%	5.00 x 10 ⁻⁸
rs62331150_T	G / G	-0.06 (-)	23%	5.00 x 10 ⁻⁸
rs56039025_T	C / C	-0.03 (-)	11%	5.00 x 10 ⁻⁸
rs13147907_T	A / A	0.01 (-)	45%	5.00 x 10 ⁻⁸
rs10012017_T	G / G	0.01 (-)	25%	5.00 x 10 ⁻⁸
rs17014016_A	G / A	0.08 (↑)	44%	5.00 x 10 ⁻⁸
rs17157372_T	G / T	0.01 (↑)	18%	5.00 x 10 ⁻⁸
rs335160_A	A / A	-0.03 (↓)	74%	5.00 x 10 ⁻⁸
rs1428387_T	NA	-0.04 (-)	3%	5.00 x 10 ⁻⁸
rs10069690_T	C / T	0.02 (↑)	26%	5.00 x 10 ⁻⁸
rs6860806_G	A / A	-0.01 (-)	55%	5.00 x 10 ⁻⁸
rs62329727_C	NA	0.33 (-)	1%	5.00 x 10 ⁻⁸
rs1432679_T	T / T	-0.03 (↓)	56%	5.00 x 10 ⁻⁸
rs17611291_C	G / G	-0.01 (-)	55%	5.00 x 10 ⁻⁸
rs10074269_C	T / T	-0.02 (-)	34%	5.00 x 10 ⁻⁸
rs6864691_A	G / G	0.02 (-)	42%	5.00 x 10 ⁻⁸
rs4868701_C	C / C	0.03 (↑)	54%	5.00 x 10 ⁻⁸
rs187108781_G	A / A	-0.08 (-)	15%	5.00 x 10 ⁻⁸
rs4613718_T	C / T	-0.01 (↓)	61%	5.00 x 10 ⁻⁸
rs10941679_G	A / A	0.04 (-)	26%	5.00 x 10 ⁻⁸
rs17343002_C	G / G	-0.05 (-)	30%	5.00 x 10 ⁻⁸
rs889310_T	C / T	0.07 (↑)	56%	5.00 x 10 ⁻⁸
rs16886165_G	T / T	0.10 (-)	17%	5.00 x 10 ⁻⁸
rs76260845_T	C / C	0.10 (-)	6%	5.00 x 10 ⁻⁸
rs11949391_C	T / T	-0.06 (-)	16%	5.00 x 10 ⁻⁸
rs113778879_T	C / C	-0.07 (-)	57%	5.00 x 10 ⁻⁸
rs3010266_A	G / A	-0.07 (↓)	25%	5.00 x 10 ⁻⁸
rs157557_C	T / T	0.02 (-)	32%	5.00 x 10 ⁻⁸
rs418053_C	C / C	-0.04 (↓)	56%	5.00 x 10 ⁻⁸
rs2121348_C	T / T	-0.07 (-)	20%	5.00 x 10 ⁻⁸
rs6913578_C	A / A	0.18 (-)	32%	5.00 x 10 ⁻⁸
rs60954078_G	A / A	0.35 (-)	8%	5.00 x 10 ⁻⁸
rs851984_A	G / A	0.06 (↑)	40%	5.00 x 10 ⁻⁸
rs6904031_T	A / A	0.17 (-)	7%	5.00 x 10 ⁻⁸
rs910416_T	C / T	0.20 (↑)	52%	5.00 x 10 ⁻⁸
rs3819405_T	C / T	-0.05 (↓)	33%	5.00 x 10 ⁻⁸
rs9364472_G	C / G	-0.04 (↓)	52%	5.00 x 10 ⁻⁸
rs6940159_C	T / T	0.05 (-)	62%	5.00 x 10 ⁻⁸
rs12211970_A	G / A	0.01 (↑)	62%	5.00 x 10 ⁻⁸
rs9358466_C	C / C	-0.03 (↓)	43%	5.00 x 10 ⁻⁸
rs34196306_C	G / G	-0.04 (-)	8%	5.00 x 10 ⁻⁸

rs111342015_A	G / G	-0.02 (-)	9%	5.00 x 10 ⁻⁸
rs73754909_C	T / T	0.04 (-)	28%	5.00 x 10 ⁻⁸
rs71659437_A	A / A	-0.01 (↓)	12%	5.00 x 10 ⁻⁸
rs7800548_C	T / T	0.07 (-)	35%	5.00 x 10 ⁻⁸
rs12706954_T	C / C	-0.04 (-)	37%	5.00 x 10 ⁻⁸
rs68056147_A	G / G	0.02 (-)	30%	5.00 x 10 ⁻⁸
rs62486509_T	G / G	-0.07 (-)	23%	5.00 x 10 ⁻⁸
rs7971_G	A / G	-0.02 (↓)	35%	5.00 x 10 ⁻⁸
rs28997_T	C / C	-0.07 (-)	16%	5.00 x 10 ⁻⁸
rs74766302_A	G / G	-0.01 (-)	11%	5.00 x 10 ⁻⁸
rs13244925_C	A / A	-0.01 (-)	54%	5.00 x 10 ⁻⁸
rs17268829_C	T / T	0.07 (-)	29%	5.00 x 10 ⁻⁸
rs4439053_A	G / A	-0.06 (↓)	16%	5.00 x 10 ⁻⁸
rs111963714_G	T / G	0.06 (↑)	21%	5.00 x 10 ⁻⁸
rs62517052_C	T / T	0.04 (-)	10%	5.00 x 10 ⁻⁸
rs12546444_T	A / T	-0.01 (↓)	10%	5.00 x 10 ⁻⁸
rs13267382_G	G / G	-0.02 (↓)	64%	5.00 x 10 ⁻⁸
rs62526620_G	A / A	0.01 (-)	13%	5.00 x 10 ⁻⁸
rs35542655_C	T / T	0.11 (-)	15%	5.00 x 10 ⁻⁸
rs12541094_A	G / A	0.05 (↑)	42%	5.00 x 10 ⁻⁸
rs7842619_G	T / G	0.06 (↑)	40%	5.00 x 10 ⁻⁸
rs12550713_G	C / G	0.07 (↑)	42%	5.00 x 10 ⁻⁸
rs10096351_G	A / G	0.08 (↑)	56%	5.00 x 10 ⁻⁸
rs1016578_A	G / G	0.01 (-)	18%	5.00 x 10 ⁻⁸
rs7830152_G	A / G	0.04 (↑)	34%	5.00 x 10 ⁻⁸
rs66823261_C	C / C	0.12 (↑)	22%	5.00 x 10 ⁻⁸
rs1028016_G	A / G	-0.04 (↓)	64%	5.00 x 10 ⁻⁸
rs310295_A	C / A	0.03 (↑)	41%	5.00 x 10 ⁻⁸
rs9693444_C	A / A	0.01 (-)	67%	5.00 x 10 ⁻⁸
rs13365225_G	A / A	-0.14 (-)	18%	5.00 x 10 ⁻⁸
rs1511243_G	G / G	0.06 (↑)	83%	5.00 x 10 ⁻⁸
rs72658084_T	C / C	0.14 (-)	9%	5.00 x 10 ⁻⁸
rs1533366_T	G / G	-0.03 (-)	36%	5.00 x 10 ⁻⁸
rs10816625_G	A / A	0.11 (-)	7%	5.00 x 10 ⁻⁸
rs13294895_T	T / T	0.04 (↑)	18%	5.00 x 10 ⁻⁸
rs7848334_T	T / T	0.04 (↑)	61%	5.00 x 10 ⁻⁸
rs630965_T	T / T	0.05 (↑)	64%	5.00 x 10 ⁻⁸
rs1895062_G	A / A	-0.01 (-)	40%	5.00 x 10 ⁻⁸
rs3881871_G	A / G	-0.04 (↓)	45%	5.00 x 10 ⁻⁸
rs17694493_G	C / C	0.10 (-)	14%	5.00 x 10 ⁻⁸
rs4880038_C	T / C	0.04 (↑)	54%	5.00 x 10 ⁻⁸
rs10975870_G	A / A	-0.03 (-)	29%	5.00 x 10 ⁻⁸
rs10120432_C	T / T	0.09 (-)	10%	5.00 x 10 ⁻⁸
rs10885405_T	C / T	-0.02 (↓)	47%	5.00 x 10 ⁻⁸
rs12250948_C	C / C	-0.01 (↓)	78%	5.00 x 10 ⁻⁸
rs45631580_G	A / G	0.06 (↑)	6%	5.00 x 10 ⁻⁸
rs45631563_T	NA	0.01 (-)	4%	5.00 x 10 ⁻⁸
rs10798139_A	G / A	0.03 (↑)	44%	5.00 x 10 ⁻⁸
rs7072776_G	G / G	-0.04 (↓)	70%	5.00 x 10 ⁻⁸
rs10764337_C	C / C	0.02 (↑)	94%	5.00 x 10 ⁻⁸
rs2384736_A	C / C	0.03 (-)	37%	5.00 x 10 ⁻⁸
rs10995201_G	G / G	-0.16 (↓)	15%	5.00 x 10 ⁻⁸
rs6479868_T	G / G	0.03 (-)	20%	5.00 x 10 ⁻⁸
rs111833376_T	C / C	-0.06 (-)	31%	5.00 x 10 ⁻⁸
rs719338_T	T / T	-0.11 (↓)	61%	5.00 x 10 ⁻⁸
rs4980029_G	A / A	0.04 (-)	17%	5.00 x 10 ⁻⁸
rs7125780_G	T / T	0.10 (-)	66%	5.00 x 10 ⁻⁸
rs610437_C	T / C	-0.02 (↓)	62%	5.00 x 10 ⁻⁸
rs625145_T	A / A	-0.05 (-)	20%	5.00 x 10 ⁻⁸
rs7121616_G	A / A	-0.07 (-)	29%	5.00 x 10 ⁻⁸
rs7939702_G	T / G	-0.04 (↓)	86%	5.00 x 10 ⁻⁸

rs11822830_G	G / G	0.06 (↑)	61%	5.00 x 10 ⁻⁸
rs10832963_G	T / G	0.01 (↑)	73%	5.00 x 10 ⁻⁸
rs4980386_A	C / C	-0.11 (-)	38%	5.00 x 10 ⁻⁸
rs4472923_T	C / C	-0.04 (-)	33%	5.00 x 10 ⁻⁸
rs7394716_C	C / C	-0.09 (↓)	80%	5.00 x 10 ⁻⁸
rs10838267_A	G / G	0.01 (-)	55%	5.00 x 10 ⁻⁸
rs77047825_G	C / C	-0.17 (-)	6%	5.00 x 10 ⁻⁸
rs12287832_A	C / C	0.06 (-)	19%	5.00 x 10 ⁻⁸
rs10896047_A	A / A	-0.06 (↓)	48%	5.00 x 10 ⁻⁸
rs35039974_T	A / T	0.03 (↑)	21%	5.00 x 10 ⁻⁸
rs681204_A	G / A	-0.01 (↓)	14%	5.00 x 10 ⁻⁸
rs78540526_T	C / C	0.01 (-)	9%	5.00 x 10 ⁻⁸
rs6597981_G	G / G	0.09 (↑)	52%	5.00 x 10 ⁻⁸
rs2454399_C	T / T	-0.08 (-)	41%	5.00 x 10 ⁻⁸
rs12422552_C	G / C	0.06 (↑)	27%	5.00 x 10 ⁻⁸
rs788458_T	C / C	-0.14 (-)	11%	5.00 x 10 ⁻⁸
rs7297051_T	C / C	-0.13 (-)	23%	5.00 x 10 ⁻⁸
rs2277339_G	T / T	-0.03 (-)	10%	5.00 x 10 ⁻⁸
rs17356907_G	A / A	-0.02 (-)	29%	5.00 x 10 ⁻⁸
rs56404467_A	NA	0.20 (-)	2%	5.00 x 10 ⁻⁸
rs11571833_T	NA	0.46 (-)	1%	5.00 x 10 ⁻⁸
rs9315973_G	A / G	-0.02 (↓)	83%	5.00 x 10 ⁻⁸
rs12870942_C	C / C	0.07 (↑)	32%	5.00 x 10 ⁻⁸
rs2181965_G	G / G	0.11 (↑)	77%	5.00 x 10 ⁻⁸
rs4983544_G	T / G	0.01 (↑)	47%	5.00 x 10 ⁻⁸
rs34914085_A	C / A	-0.06 (↓)	20%	5.00 x 10 ⁻⁸
rs2253012_T	C / T	0.01 (↑)	45%	5.00 x 10 ⁻⁸
rs2588809_C	C / C	0.02 (↑)	83%	5.00 x 10 ⁻⁸
rs11624333_C	T / C	-0.04 (↓)	25%	5.00 x 10 ⁻⁸
rs941764_G	A / A	0.07 (-)	35%	5.00 x 10 ⁻⁸
rs78440108_T	C / C	-0.09 (-)	17%	5.00 x 10 ⁻⁸
rs144767203_C	A / A	-0.03 (-)	11%	5.00 x 10 ⁻⁸
rs187010898_A	NA	-0.26 (-)	1%	5.00 x 10 ⁻⁸
rs4774565_G	A / G	0.03 (↑)	34%	5.00 x 10 ⁻⁸
rs8042593_A	A / A	0.01 (↑)	64%	5.00 x 10 ⁻⁸
rs35874463_G	A / A	-0.05 (-)	5%	5.00 x 10 ⁻⁸
rs8035987_C	T / C	-0.02 (↓)	26%	5.00 x 10 ⁻⁸
rs2290202_T	G / G	-0.11 (-)	13%	5.00 x 10 ⁻⁸
rs34872983_A	G / G	-0.14 (-)	7%	5.00 x 10 ⁻⁸
rs75753503_T	NA	-0.02 (-)	2%	5.00 x 10 ⁻⁸
rs11076805_A	C / A	-0.04 (↓)	26%	5.00 x 10 ⁻⁸
rs35668161_A	C / A	0.21 (↑)	28%	5.00 x 10 ⁻⁸
rs4784227_T	C / T	0.21 (↑)	27%	5.00 x 10 ⁻⁸
rs55872725_T	C / T	-0.09 (↓)	41%	5.00 x 10 ⁻⁸
rs6499648_T	C / T	-0.10 (↓)	76%	5.00 x 10 ⁻⁸
rs7184573_A	G / A	-0.10 (↓)	36%	5.00 x 10 ⁻⁸
rs28539243_A	G / A	0.05 (↑)	49%	5.00 x 10 ⁻⁸
rs12709163_G	G / G	0.07 (↑)	79%	5.00 x 10 ⁻⁸
rs7500067_G	A / A	0.03 (-)	24%	5.00 x 10 ⁻⁸
rs9931038_C	T / C	-0.05 (↓)	49%	5.00 x 10 ⁻⁸
rs12449271_C	T / T	-0.06 (-)	25%	5.00 x 10 ⁻⁸
rs79461387_T	G / G	-0.06 (-)	26%	5.00 x 10 ⁻⁸
rs150537328_C	T / T	0.18 (-)	7%	5.00 x 10 ⁻⁸
rs11296_C	T / T	0.06 (-)	6%	5.00 x 10 ⁻⁸
rs17881320_T	G / T	-0.16 (↓)	8%	5.00 x 10 ⁻⁸
rs149370081_A	NA	0.15 (-)	1%	5.00 x 10 ⁻⁸
rs2787486_C	A / A	-0.04 (-)	29%	5.00 x 10 ⁻⁸
rs745570_G	A / G	-0.05 (↓)	50%	5.00 x 10 ⁻⁸
rs16976596_T	C / C	-0.10 (-)	14%	5.00 x 10 ⁻⁸
rs11665269_T	T / T	-0.05 (↓)	64%	5.00 x 10 ⁻⁸
rs1111207_C	T / T	-0.02 (-)	43%	5.00 x 10 ⁻⁸

rs527616_G	G / G	0.06 (↑)	63%	5.00 x 10 ⁻⁸
rs8092192_G	C / G	0.08 (↑)	71%	5.00 x 10 ⁻⁸
rs72931898_A	NA	-0.07 (-)	4%	5.00 x 10 ⁻⁸
rs9964058_C	G / G	-0.10 (-)	7%	5.00 x 10 ⁻⁸
rs9962980_C	T / C	0.01 (↑)	34%	5.00 x 10 ⁻⁸
rs117922601_T	G / G	0.03 (-)	5%	5.00 x 10 ⁻⁸
rs56069439_A	C / C	0.01 (-)	30%	5.00 x 10 ⁻⁸
rs10164323_T	C / C	-0.06 (-)	34%	5.00 x 10 ⁻⁸
rs56681946_C	T / C	0.10 (↑)	36%	5.00 x 10 ⁻⁸
rs4399645_C	T / C	-0.02 (↓)	60%	5.00 x 10 ⁻⁸
rs1172821_T	C / T	-0.07 (↓)	36%	5.00 x 10 ⁻⁸
rs1164723_C	C / C	0.26 (↑)	95%	5.00 x 10 ⁻⁸
rs6030585_G	C / G	0.04 (↑)	79%	5.00 x 10 ⁻⁸
rs13039663_A	G / G	0.01 (-)	24%	5.00 x 10 ⁻⁸
rs16991615_A	G / A	0.06 (↑)	7%	5.00 x 10 ⁻⁸
rs2822999_G	T / T	0.04 (-)	18%	5.00 x 10 ⁻⁸
rs2823130_G	A / G	0.06 (↑)	9%	5.00 x 10 ⁻⁸
rs2403907_A	C / C	-0.06 (-)	31%	5.00 x 10 ⁻⁸
rs4818836_A	NA	0.11 (-)	4%	5.00 x 10 ⁻⁸
rs9798754_T	C / C	-0.07 (-)	38%	5.00 x 10 ⁻⁸
rs17879961_G	NA	0.35 (-)	1%	5.00 x 10 ⁻⁸
rs5997390_A	G / A	0.08 (↑)	9%	5.00 x 10 ⁻⁸
rs34134147_T	NA	-0.06 (-)	2%	5.00 x 10 ⁻⁸
rs132289_G	G / G	-0.09 (↓)	98%	5.00 x 10 ⁻⁸
rs5760715_A	T / T	0.04 (-)	26%	5.00 x 10 ⁻⁸
rs9611990_T	T / T	-0.14 (↓)	11%	5.00 x 10 ⁻⁸
rs28512361_A	G / A	0.13 (↑)	11%	5.00 x 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.