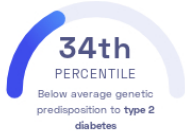


STUDY SUMMARY

Discovery of 568 novel genomic regions associated with type 2 diabetes in a multi-ethnic study.

YOUR RESULT



STUDY DESCRIPTION

Insulin is a hormone that promotes cells to intake sugar from the blood. People with type 2 diabetes no longer respond to insulin, meaning sugar has a hard time getting into cells and builds up in the blood. This study looked at the genetics of type 2 diabetes in 228,499 cases and 1,178,783 controls that included Europeans, African Americans, Hispanics, South Asians, and East Asians. The authors found 568 associations, 318 of which are novel. Using this information, they also discovered that a higher genetic risk of type 2 diabetes leads to a higher risk of chronic kidney disease, peripheral artery disease, and neuropathy, all of which can be caused by diabetes.

DID YOU KNOW?










Nerve damage, called neuropathy, can be caused by high blood sugar. It's important for diabetics to control their blood sugar to prevent damage to their nerves.

YOUR DETAILED RESULTS

To calculate your genetic predisposition to type 2 diabetes we summed up the effects of genetic variants that were linked to type 2 diabetes 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 type 2 diabetes. The variants highlighted in blue have **negative effect sizes** and decrease your genetic predisposition to type 2 diabetes. Variants that are not highlighted are not found in your genome and do not affect your genetic predisposition to type 2 diabetes. By adding up the effect sizes of the highlighted variants **we calculated your polygenic score for type 2 diabetes to be -1.02**. 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 type 2 diabetes is in the **34th percentile**. This means that it is higher than the polygenic scores 34% of people. We consider this to be a **below average genetic predisposition to type 2 diabetes**. 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 [Ⓞ]
rs35011184_G	G / G	-0.25 (↓)	78%	1.76×10^{-543}
rs2237897_C	C / C	0.22 (↑)	76%	2.12×10^{-226}
rs10440833_T	T / T	-0.13 (↓)	70%	4.51×10^{-216}
rs10811661_C	T / T	-0.15 (-)	24%	9.59×10^{-206}
rs1421085_C	T / C	0.12 (↑)	37%	1.29×10^{-189}
rs9859406_G	G / G	-0.11 (↓)	65%	2.01×10^{-169}
rs13266634_C	C / C	0.10 (↑)	68%	4.23×10^{-136}
rs1111875_C	C / T	0.09 (↑)	55%	1.44×10^{-128}
rs76895963_G	NA	-0.42 (-)	2%	1.20×10^{-96}
rs860262_C	C / A	0.07 (↑)	57%	2.92×10^{-82}
rs2943650_C	T / T	-0.08 (-)	36%	1.90×10^{-81}
rs13262881_C	C / C	0.10 (↑)	83%	8.20×10^{-79}
rs10228796_G	C / G	0.07 (↑)	57%	2.00×10^{-71}
rs10937721_G	G / G	-0.08 (↓)	39%	7.20×10^{-70}
rs11616380_G	G / G	0.08 (↑)	73%	1.02×10^{-69}
rs28642213_G	G / G	0.08 (↑)	76%	5.71×10^{-68}
rs11651755_C	T / T	0.07 (-)	47%	8.61×10^{-67}
rs10830963_G	C / G	0.07 (↑)	31%	1.29×10^{-66}
rs464605_C	T / T	-0.07 (-)	35%	8.04×10^{-66}
rs12910361_G	G / G	0.07 (↑)	61%	5.19×10^{-66}
rs11257655_C	C / C	-0.10 (↓)	70%	1.44×10^{-63}
rs11602873_T	A / A	-0.10 (-)	15%	1.98×10^{-62}
rs76675804_C	T / C	-0.12 (↓)	9%	1.29×10^{-59}
rs11708067_G	A / G	-0.08 (↓)	22%	1.63×10^{-57}
rs1260326_C	T / C	0.06 (↑)	58%	2.16×10^{-57}
rs4929965_G	G / G	-0.07 (↓)	62%	5.07×10^{-57}
rs2796441_G	G / A	0.06 (↑)	56%	2.92×10^{-56}
rs10184004_C	C / C	0.06 (↑)	60%	4.39×10^{-54}
rs697239_C	C / C	-0.06 (↓)	45%	4.77×10^{-54}
rs17036160_C	C / C	0.10 (↑)	89%	1.54×10^{-53}
rs757110_C	A / A	0.06 (-)	37%	4.59×10^{-52}
rs61779284_G	G / G	-0.07 (↓)	80%	1.42×10^{-48}
rs3751239_G	C / G	-0.07 (↓)	22%	1.95×10^{-47}
rs2257883_G	G / G	-0.07 (↓)	74%	3.86×10^{-47}
rs17866443_C	C / C	-0.20 (↓)	84%	8.90×10^{-47}
rs340874_C	T / C	0.05 (↑)	50%	6.47×10^{-45}
rs13094957_C	T / T	-0.06 (-)	22%	2.35×10^{-42}
rs8107527_G	A / A	-0.05 (-)	63%	4.23×10^{-41}
rs72802365_G	G / G	0.11 (↑)	93%	1.10×10^{-40}
rs243018_G	C / C	0.05 (-)	50%	1.23×10^{-39}

rs893617_C	T / T	0.05 (-)	28%	2.13 x 10 ⁻³⁸
rs34684161_G	A / A	-0.06 (-)	28%	1.62 x 10 ⁻³⁷
rs76432112_G	G / G	-0.13 (↓)	95%	6.41 x 10 ⁻³⁷
rs6777684_G	A / G	0.06 (↑)	63%	1.54 x 10 ⁻³⁶
rs2876354_C	C / T	0.05 (↑)	52%	1.43 x 10 ⁻³⁴
rs730831_G	T / T	-0.09 (-)	20%	4.81 x 10 ⁻³⁴
rs6667160_C	T / C	0.05 (↑)	24%	7.61 x 10 ⁻³⁴
rs57286125_G	G / G	-0.06 (↓)	83%	1.83 x 10 ⁻³³
rs6946660_C	T / C	-0.05 (↓)	42%	3.32 x 10 ⁻³³
rs7732130_G	G / G	0.06 (↑)	30%	2.21 x 10 ⁻³²
rs3130931_C	T / C	0.05 (↑)	68%	2.34 x 10 ⁻³²
rs146886108_C	C / C	0.38 (↑)	99%	1.74 x 10 ⁻³¹
rs2290203_G	G / G	-0.05 (↓)	70%	2.33 x 10 ⁻³¹
rs13434089_C	T / T	-0.06 (-)	20%	4.45 x 10 ⁻³¹
rs9379084_G	G / G	0.07 (↑)	84%	5.31 x 10 ⁻³¹
rs4237150_G	G / C	-0.04 (↓)	57%	6.98 x 10 ⁻³¹
rs6813195_C	C / C	0.05 (↑)	65%	7.65 x 10 ⁻³¹
rs10938398_G	G / G	-0.04 (↓)	61%	1.49 x 10 ⁻³⁰
rs8071043_C	C / C	0.05 (↑)	33%	5.35 x 10 ⁻³⁰
rs4865796_G	G / A	-0.05 (↓)	29%	5.43 x 10 ⁻³⁰
rs7163757_C	C / C	0.04 (↑)	56%	6.08 x 10 ⁻³⁰
rs730497_G	G / A	-0.06 (↓)	83%	9.31 x 10 ⁻²⁹
rs79090772_C	T / C	-0.07 (↓)	10%	1.30 x 10 ⁻²⁸
rs12625671_C	T / T	0.06 (-)	23%	6.08 x 10 ⁻²⁸
rs2723065_G	A / A	-0.04 (-)	38%	7.19 x 10 ⁻²⁸
rs56348580_G	G / C	0.05 (↑)	71%	1.48 x 10 ⁻²⁷
rs9515905_G	A / G	-0.05 (↓)	26%	2.06 x 10 ⁻²⁷
rs12454712_C	C / C	-0.04 (↓)	41%	2.42 x 10 ⁻²⁷
rs8192675_C	T / C	-0.04 (↓)	32%	3.85 x 10 ⁻²⁷
rs7156625_G	G / G	-0.05 (↓)	77%	5.35 x 10 ⁻²⁷
rs3130283_C	A / C	0.06 (↑)	85%	5.80 x 10 ⁻²⁷
rs529565_C	C / C	0.04 (↑)	37%	8.04 x 10 ⁻²⁷
rs35895680_C	C / C	0.05 (↑)	71%	8.41 x 10 ⁻²⁷
rs1127215_C	C / C	0.04 (↑)	60%	1.81 x 10 ⁻²⁶
rs429358_C	T / T	-0.06 (-)	15%	1.90 x 10 ⁻²⁶
rs3887925_C	C / T	-0.04 (↓)	50%	1.08 x 10 ⁻²⁶
rs56337234_C	C / T	0.04 (↑)	50%	3.10 x 10 ⁻²⁶
rs6975279_C	C / C	-0.04 (↓)	71%	4.09 x 10 ⁻²⁶
rs34341_T	A / A	0.04 (-)	53%	4.93 x 10 ⁻²⁶
rs3918298_G	G / G	0.10 (↑)	88%	7.95 x 10 ⁻²⁶
rs11759026_G	A / G	0.06 (↑)	32%	1.17 x 10 ⁻²⁴
rs10188334_C	C / C	0.05 (↑)	84%	2.47 x 10 ⁻²⁴
rs676387_C	C / C	-0.04 (↓)	68%	3.32 x 10 ⁻²⁴
rs3798519_C	A / A	0.05 (-)	21%	5.60 x 10 ⁻²⁴
rs2453051_C	A / A	0.06 (-)	15%	1.08 x 10 ⁻²³
rs58542926_C	C / C	-0.07 (↓)	93%	1.62 x 10 ⁻²³
rs9308614_G	A / A	-0.06 (-)	13%	4.61 x 10 ⁻²³
rs9384_G	G / G	0.04 (↑)	66%	8.36 x 10 ⁻²³
rs9316500_G	T / G	-0.04 (↓)	35%	1.03 x 10 ⁻²²
rs244415_G	G / G	0.04 (↑)	63%	2.00 x 10 ⁻²²
rs6495182_C	C / T	0.04 (↑)	69%	2.10 x 10 ⁻²²
rs2820446_G	C / C	-0.04 (-)	30%	2.29 x 10 ⁻²²
rs9873519_C	T / T	-0.04 (-)	53%	2.53 x 10 ⁻²²
rs12192275_G	G / G	0.05 (↑)	79%	4.07 x 10 ⁻²²
rs4805881_C	C / C	-0.04 (↓)	62%	8.44 x 10 ⁻²²
rs8043085_G	G / G	-0.04 (↓)	70%	9.06 x 10 ⁻²²
rs66815886_G	G / G	0.04 (↑)	69%	1.03 x 10 ⁻²¹
rs1426371_G	A / A	0.04 (-)	69%	1.29 x 10 ⁻²¹
rs4709746_C	C / C	0.06 (↑)	87%	1.52 x 10 ⁻²¹
rs56857387_C	T / C	-0.04 (↓)	25%	1.74 x 10 ⁻²¹
rs10750397_G	G / G	-0.04 (↓)	72%	1.74 x 10 ⁻²¹

rs10808671_G	A / G	-0.04 (↓)	54%	2.37 × 10 ⁻²¹
rs3747207_G	G / A	-0.04 (↓)	72%	3.69 × 10 ⁻²¹
rs1412234_C	T / C	0.04 (↑)	29%	4.42 × 10 ⁻²¹
rs12986742_C	T / T	0.04 (-)	47%	5.53 × 10 ⁻²¹
rs2280141_G	T / G	-0.05 (↓)	51%	6.04 × 10 ⁻²¹
rs79310463_C	C / C	-0.05 (↓)	83%	7.21 × 10 ⁻²¹
rs67269808_G	A / G	-0.07 (↓)	7%	1.03 × 10 ⁻²⁰
rs917195_C	C / C	0.04 (↑)	72%	1.49 × 10 ⁻²⁰
rs4923864_G	G / G	0.06 (↑)	69%	1.69 × 10 ⁻²⁰
rs2115107_G	A / A	-0.04 (-)	60%	2.26 × 10 ⁻²⁰
rs348330_G	A / A	0.05 (-)	45%	2.81 × 10 ⁻²⁰
rs56823429_C	A / A	0.04 (-)	27%	3.33 × 10 ⁻²⁰
rs12789028_G	G / G	-0.05 (↓)	82%	3.90 × 10 ⁻²⁰
rs13268508_C	C / T	-0.04 (↓)	63%	4.07 × 10 ⁻²⁰
rs72926932_C	A / C	0.07 (↑)	8%	4.26 × 10 ⁻²⁰
rs80196932_C	T / C	-0.05 (↓)	18%	9.73 × 10 ⁻²⁰
rs12603589_C	T / T	0.04 (-)	31%	1.06 × 10 ⁻¹⁹
rs3802219_C 	T / C	-0.04 (↓)	61%	1.07 × 10 ⁻¹⁹
rs11583755_C 	A / C	0.04 (↑)	33%	1.31 × 10 ⁻¹⁹
rs1850505_G	G / G	-0.04 (↓)	77%	1.69 × 10 ⁻¹⁹
rs73221116_G	G / A	-0.10 (↓)	96%	2.06 × 10 ⁻¹⁹
rs11048457_G	A / A	0.04 (-)	39%	2.20 × 10 ⁻¹⁹
rs11614914_C	C / C	-0.04 (↓)	70%	2.64 × 10 ⁻¹⁹
rs6066138_G	G / A	0.04 (↑)	74%	6.30 × 10 ⁻¹⁹
rs10879261_G	G / G	0.03 (↑)	39%	6.81 × 10 ⁻¹⁹
rs3996350_G	G / G	0.04 (↑)	56%	1.18 × 10 ⁻¹⁸
rs556691245_G	G / G	0.06 (↑)	87%	1.77 × 10 ⁻¹⁸
rs149336329_G 	G / G	0.09 (↑)	96%	2.86 × 10 ⁻¹⁸
rs838720_G	C / C	0.03 (-)	38%	4.31 × 10 ⁻¹⁸
rs4809906_G	G / A	0.04 (↑)	62%	5.07 × 10 ⁻¹⁸
rs80234489_C	A / A	0.10 (-)	18%	6.12 × 10 ⁻¹⁸
rs4930726_C	T / T	-0.04 (-)	33%	7.53 × 10 ⁻¹⁸
rs7147483_C	T / T	-0.04 (-)	34%	9.41 × 10 ⁻¹⁸
rs13040225_T	A / A	-0.03 (-)	47%	1.09 × 10 ⁻¹⁷
rs9472139_G	G / C	-0.04 (↓)	74%	1.44 × 10 ⁻¹⁷
rs501470_G	G / G	-0.03 (↓)	46%	1.62 × 10 ⁻¹⁷
rs7941510_C 	C / A	0.04 (↑)	65%	1.87 × 10 ⁻¹⁷
rs6059662_G	A / G	0.04 (↑)	70%	2.07 × 10 ⁻¹⁷
rs177045_G	A / A	0.03 (-)	41%	2.74 × 10 ⁻¹⁷
rs1801645_C	T / T	0.04 (-)	28%	4.18 × 10 ⁻¹⁷
rs60384372_G	A / A	-0.04 (-)	45%	4.32 × 10 ⁻¹⁷
rs10773000_G	G / G	0.03 (↑)	67%	5.58 × 10 ⁻¹⁷
rs2282456_G 	G / A	-0.04 (↓)	72%	7.43 × 10 ⁻¹⁷
rs8054556_G	G / G	-0.03 (↓)	57%	1.85 × 10 ⁻¹⁶
rs2409742_C	C / C	0.03 (↑)	53%	2.78 × 10 ⁻¹⁶
rs12883788_C	C / T	-0.03 (↓)	59%	2.82 × 10 ⁻¹⁶
rs7674402_G	G / G	-0.05 (↓)	77%	3.98 × 10 ⁻¹⁶
rs7758002_G 	G / G	-0.03 (↓)	52%	4.63 × 10 ⁻¹⁶
rs7633673_G	G / G	0.03 (↑)	59%	8.21 × 10 ⁻¹⁶
rs945187_G 	A / A	0.03 (-)	42%	8.24 × 10 ⁻¹⁶
rs56243018_C 	NA	-0.08 (-)	5%	8.89 × 10 ⁻¹⁶
rs4810145_C	T / T	0.03 (-)	52%	1.05 × 10 ⁻¹⁵
rs4335_G	A / A	0.03 (-)	48%	1.06 × 10 ⁻¹⁵
rs7224711_C 	C / T	0.03 (↑)	52%	1.23 × 10 ⁻¹⁵
rs10998338_G	A / A	-0.03 (-)	52%	1.31 × 10 ⁻¹⁵
rs2169033_C	T / T	-0.03 (-)	34%	1.42 × 10 ⁻¹⁵
rs7178762_C	C / T	0.03 (↑)	49%	1.79 × 10 ⁻¹⁵
rs2591392_G	G / G	0.03 (↑)	63%	1.89 × 10 ⁻¹⁵
rs2040792_C	C / A	0.03 (↑)	46%	1.99 × 10 ⁻¹⁵
rs34247110_G	G / A	-0.03 (↓)	52%	2.07 × 10 ⁻¹⁵
rs28819812_C	C / A	0.03 (↑)	66%	2.55 × 10 ⁻¹⁵

rs314879_C	C / T	0.04 (↑)	23%	2.84 × 10 ⁻¹⁶
rs73239895_C	C / C	-0.09 (↓)	91%	3.02 × 10 ⁻¹⁶
rs12001437_C	T / T	0.03 (-)	41%	4.38 × 10 ⁻¹⁶
rs539515_C	A / A	0.04 (-)	21%	5.40 × 10 ⁻¹⁶
rs6741676_G	A / A	-0.03 (-)	31%	6.52 × 10 ⁻¹⁶
rs2277339_G	T / T	0.04 (-)	14%	6.92 × 10 ⁻¹⁶
rs117316450_G	NA	0.13 (-)	2%	9.46 × 10 ⁻¹⁶
rs11078916_C	C / C	-0.03 (↓)	65%	1.24 × 10 ⁻¹⁴
rs6792892_C	T / T	0.03 (-)	48%	1.36 × 10 ⁻¹⁴
rs7659468_G	T / T	-0.03 (-)	50%	1.43 × 10 ⁻¹⁴
rs6538805_C	T / C	-0.03 (↓)	47%	1.45 × 10 ⁻¹⁴
rs62492368_G	G / A	-0.03 (↓)	60%	1.54 × 10 ⁻¹⁴
rs303760_C	C / C	-0.03 (↓)	69%	2.04 × 10 ⁻¹⁴
rs2297508_G	C / C	-0.03 (-)	56%	2.39 × 10 ⁻¹⁴
rs8061528_C	C / C	-0.04 (↓)	76%	2.56 × 10 ⁻¹⁴
rs10993072_C	C / T	-0.03 (↓)	67%	2.93 × 10 ⁻¹⁴
rs1815591_T	A / T	-0.03 (↓)	59%	3.17 × 10 ⁻¹⁴
rs56392746_G	A / A	0.06 (-)	92%	3.45 × 10 ⁻¹⁴
rs2732469_T	T / A	0.03 (↑)	58%	4.82 × 10 ⁻¹⁴
rs9390022_C	C / C	-0.03 (↓)	34%	5.00 × 10 ⁻¹⁴
rs9872347_C	C / C	0.03 (↑)	67%	5.44 × 10 ⁻¹⁴
rs7132908_G	G / A	-0.03 (↓)	64%	7.44 × 10 ⁻¹⁴
rs75253922_C	T / T	0.04 (-)	19%	7.72 × 10 ⁻¹⁴
rs7629_G	G / G	-0.03 (↓)	53%	8.19 × 10 ⁻¹⁴
rs3816605_C	T / T	-0.03 (-)	44%	8.85 × 10 ⁻¹⁴
rs6956980_C	T / C	0.03 (↑)	47%	9.55 × 10 ⁻¹⁴
rs10408163_C	T / C	0.03 (↑)	60%	1.07 × 10 ⁻¹³
rs7895872_G	G / T	-0.03 (↓)	32%	1.28 × 10 ⁻¹³
rs12419690_G	G / A	0.03 (↑)	51%	1.39 × 10 ⁻¹³
rs62618693_C	C / T	0.08 (↑)	96%	1.41 × 10 ⁻¹³
rs6716394_G	G / A	0.03 (↑)	48%	1.46 × 10 ⁻¹³
rs17035289_C	T / T	0.04 (-)	21%	1.53 × 10 ⁻¹³
rs10916780_G	A / A	-0.03 (-)	25%	1.58 × 10 ⁻¹³
rs12380322_G	G / G	0.03 (↑)	39%	1.64 × 10 ⁻¹³
rs6710938_C	A / A	-0.03 (-)	23%	1.64 × 10 ⁻¹³
rs35251247_G	G / G	-0.03 (↓)	71%	1.74 × 10 ⁻¹³
rs13237518_C	C / A	-0.03 (↓)	52%	1.99 × 10 ⁻¹³
rs329118_C	C / T	-0.03 (↓)	59%	2.00 × 10 ⁻¹³
rs4382480_G	A / A	-0.03 (-)	54%	2.04 × 10 ⁻¹³
rs2730827_C	C / C	-0.03 (↓)	52%	2.10 × 10 ⁻¹³
rs113135335_G	T / T	-0.05 (-)	10%	2.10 × 10 ⁻¹³
rs12187734_C	C / C	0.03 (↑)	57%	2.18 × 10 ⁻¹³
rs75080135_C	C / C	-0.04 (↓)	21%	2.40 × 10 ⁻¹³
rs2269247_C	C / C	0.04 (↑)	81%	3.40 × 10 ⁻¹³
rs7787720_C	T / T	-0.03 (-)	56%	3.75 × 10 ⁻¹³
rs144052331_C	T / T	-0.07 (-)	5%	3.97 × 10 ⁻¹³
rs9479_G	A / G	0.03 (↑)	52%	4.00 × 10 ⁻¹³
rs145904381_C	NA	-0.16 (-)	1%	4.01 × 10 ⁻¹³
rs7227272_G	G / G	0.04 (↑)	82%	4.69 × 10 ⁻¹³
rs1561927_C	T / T	0.03 (-)	31%	4.97 × 10 ⁻¹³
rs667920_G	T / T	-0.03 (-)	23%	5.83 × 10 ⁻¹³
rs6011155_C	C / C	-0.03 (↓)	41%	5.85 × 10 ⁻¹³
rs6565922_C	C / C	-0.03 (↓)	57%	6.18 × 10 ⁻¹³
rs1996617_C	C / C	0.03 (↑)	39%	6.54 × 10 ⁻¹³
rs36062478_C	T / C	0.04 (↑)	18%	6.78 × 10 ⁻¹³
rs583769_G	A / A	-0.03 (-)	72%	7.78 × 10 ⁻¹³
rs4776970_T	A / A	-0.03 (-)	45%	1.05 × 10 ⁻¹²
rs152839_C	C / T	0.03 (↑)	61%	1.07 × 10 ⁻¹²
rs10844519_G	T / G	0.03 (↑)	41%	1.36 × 10 ⁻¹²
rs1155073_C	T / T	-0.03 (-)	52%	1.41 × 10 ⁻¹²

rs112324411_C	C / C	0.07 (↑)	94%	1.42 × 10 ⁻¹²
rs117233795_C	C / C	0.14 (↑)	96%	1.44 × 10 ⁻¹²
rs7029718_G	A / A	-0.03 (-)	60%	1.47 × 10 ⁻¹²
rs7645613_C	T / T	0.03 (-)	36%	1.52 × 10 ⁻¹²
rs8056890_G	G / A	-0.03 (↓)	68%	1.54 × 10 ⁻¹²
rs28490139_G	G / G	0.04 (↑)	84%	1.54 × 10 ⁻¹²
rs13366225_G	A / A	0.03 (-)	26%	1.55 × 10 ⁻¹²
rs149027146_T	A / A	0.07 (-)	6%	1.58 × 10 ⁻¹²
rs7752666_C	C / C	0.03 (↑)	71%	1.66 × 10 ⁻¹²
rs12505942_C	T / T	-0.03 (-)	31%	1.83 × 10 ⁻¹²
rs7071036_C	T / T	-0.05 (-)	20%	2.00 × 10 ⁻¹²
rs60251368_G	A / A	0.06 (-)	7%	2.18 × 10 ⁻¹²
rs187663072_C	NA	0.10 (-)	3%	2.22 × 10 ⁻¹²
rs6021276_C	C / C	-0.03 (↓)	63%	2.24 × 10 ⁻¹²
rs2482506_G	C / G	-0.03 (↓)	24%	2.26 × 10 ⁻¹²
rs11181613_C	C / A	0.04 (↑)	87%	2.38 × 10 ⁻¹²
rs3845843_C	C / T	-0.03 (↓)	49%	2.39 × 10 ⁻¹²
rs10818763_C	C / C	0.04 (↑)	68%	2.41 × 10 ⁻¹²
rs8010382_G	A / A	0.03 (-)	47%	3.02 × 10 ⁻¹²
rs2725370_C	T / C	-0.03 (↓)	71%	3.30 × 10 ⁻¹²
rs2608953_C	C / C	-0.04 (↓)	79%	3.33 × 10 ⁻¹²
rs11561066_C	T / T	0.04 (-)	13%	3.35 × 10 ⁻¹²
rs993380_G	A / A	-0.03 (-)	64%	3.70 × 10 ⁻¹²
rs7246440_G	G / G	0.03 (↑)	62%	3.72 × 10 ⁻¹²
rs6073143_C	C / C	0.03 (↑)	73%	4.40 × 10 ⁻¹²
rs3887059_G	G / G	-0.03 (↓)	74%	5.12 × 10 ⁻¹²
rs654629_G	G / C	0.03 (↑)	61%	5.18 × 10 ⁻¹²
rs34845373_G	A / A	-0.03 (-)	26%	5.26 × 10 ⁻¹²
rs111765639_G	G / G	0.06 (↑)	88%	5.37 × 10 ⁻¹²
rs13406280_C	T / T	0.03 (-)	57%	5.66 × 10 ⁻¹²
rs2605281_G	A / A	-0.03 (-)	61%	6.89 × 10 ⁻¹²
rs1567353_G	G / G	0.03 (↑)	36%	7.06 × 10 ⁻¹²
rs57767539_G	G / G	-0.06 (↓)	94%	7.24 × 10 ⁻¹²
rs3020781_G	G / G	0.03 (↑)	37%	7.29 × 10 ⁻¹²
rs5762925_C	A / C	0.03 (↑)	38%	7.74 × 10 ⁻¹²
rs6766859_C	T / T	0.03 (-)	39%	8.12 × 10 ⁻¹²
rs41304257_G	A / A	-0.03 (-)	24%	8.48 × 10 ⁻¹²
rs3872707_G	G / A	-0.04 (↓)	84%	9.76 × 10 ⁻¹²
rs2613499_G	A / G	-0.04 (↓)	20%	1.04 × 10 ⁻¹¹
rs4397977_G	G / G	-0.03 (↓)	58%	1.07 × 10 ⁻¹¹
rs924753_G	G / G	0.03 (↑)	47%	1.15 × 10 ⁻¹¹
rs2188848_G	A / G	-0.03 (↓)	21%	1.17 × 10 ⁻¹¹
rs6549112_G	G / G	-0.03 (↓)	33%	1.59 × 10 ⁻¹¹
rs10737818_G	A / G	0.04 (↑)	62%	1.97 × 10 ⁻¹¹
rs247975_C	T / C	0.03 (↑)	56%	2.01 × 10 ⁻¹¹
rs7240767_C	T / T	0.03 (-)	48%	2.05 × 10 ⁻¹¹
rs6712905_C	T / T	0.03 (-)	32%	2.07 × 10 ⁻¹¹
rs2867570_G	G / A	0.03 (↑)	57%	2.13 × 10 ⁻¹¹
rs17662402_C	T / T	-0.07 (-)	5%	2.38 × 10 ⁻¹¹
rs174541_C	T / T	-0.03 (-)	35%	2.39 × 10 ⁻¹¹
rs12185519_C	C / C	-0.04 (↓)	81%	2.54 × 10 ⁻¹¹
rs2872246_C	C / C	-0.03 (↓)	60%	2.56 × 10 ⁻¹¹
rs4479849_G	G / A	-0.03 (↓)	59%	2.64 × 10 ⁻¹¹
rs11646052_G	G / G	0.03 (↑)	41%	2.66 × 10 ⁻¹¹
rs2032217_G	G / G	-0.03 (↓)	67%	2.70 × 10 ⁻¹¹
rs7970687_C	T / T	-0.03 (-)	50%	2.77 × 10 ⁻¹¹
rs7554251_C	T / C	0.03 (↑)	70%	2.86 × 10 ⁻¹¹
rs112515915_G	A / A	-0.06 (-)	7%	3.18 × 10 ⁻¹¹
rs9814945_C	C / C	-0.03 (↓)	71%	3.30 × 10 ⁻¹¹
rs56799554_G	A / A	0.03 (-)	20%	3.57 × 10 ⁻¹¹

rs242105_C	A / A	0.04 (-)	41%	3.58×10^{-11}
rs61817176_C	C / A	-0.03 (↓)	45%	3.69×10^{-11}
rs2255703_C	T / T	-0.03 (-)	40%	3.70×10^{-11}
rs2289739_G	G / G	-0.04 (↓)	69%	4.35×10^{-11}
rs12918782_G	A / A	0.03 (-)	26%	4.67×10^{-11}
rs3744347_G	G / A	-0.03 (↓)	25%	4.76×10^{-11}
rs379417_G	G / A	-0.03 (↓)	65%	4.80×10^{-11}
rs4777857_G	A / A	0.03 (-)	44%	4.81×10^{-11}
rs61736066_G	G / G	0.04 (↑)	88%	4.91×10^{-11}
rs9587811_C	C / C	0.03 (↑)	55%	4.91×10^{-11}
rs61579137_G	G / G	-0.03 (↓)	66%	5.05×10^{-11}
rs7742292_C	C / C	0.03 (↑)	48%	5.06×10^{-11}
rs2056857_C	C / C	0.03 (↑)	59%	5.16×10^{-11}
rs4906272_C	C / C	-0.03 (↓)	73%	5.21×10^{-11}
rs4671799_G	A / G	-0.03 (↓)	67%	5.29×10^{-11}
rs4343858_G	G / G	0.03 (↑)	72%	5.38×10^{-11}
rs9913225_G	G / A	0.03 (↑)	37%	5.42×10^{-11}
rs3755879_G	A / A	-0.03 (-)	66%	5.56×10^{-11}
rs7483027_C	C / C	-0.03 (↓)	33%	5.61×10^{-11}
rs6835992_G	G / G	0.03 (↑)	71%	5.64×10^{-11}
rs11201992_C	C / C	0.03 (↑)	48%	5.76×10^{-11}
rs9568868_G	G / G	-0.04 (↓)	84%	5.82×10^{-11}
rs28712435_C	C / C	0.03 (↑)	55%	6.10×10^{-11}
rs1408679_C	T / T	0.03 (-)	56%	6.11×10^{-11}
rs6714523_G	G / G	-0.04 (↓)	88%	6.29×10^{-11}
rs727734_T	A / A	-0.03 (-)	24%	6.68×10^{-11}
rs12932337_C	C / C	-0.03 (↓)	83%	8.34×10^{-11}
rs12539264_G	A / G	0.03 (↑)	27%	8.57×10^{-11}
rs13415288_C	T / C	0.03 (↑)	37%	9.16×10^{-11}
rs76789970_C	C / C	-0.04 (↓)	89%	9.24×10^{-11}
rs4976033_G	A / G	0.03 (↑)	43%	1.00×10^{-10}
rs9370243_G	G / G	-0.04 (↓)	83%	1.03×10^{-10}
rs11108094_C	C / C	-0.06 (↓)	93%	1.08×10^{-10}
rs3753693_C	C / T	0.03 (↑)	55%	1.11×10^{-10}
rs11240351_G	A / G	0.03 (↑)	47%	1.12×10^{-10}
rs34298980_C	T / C	-0.04 (↓)	47%	1.17×10^{-10}
rs13099581_C	C / T	0.04 (↑)	82%	1.28×10^{-10}
rs62271373_T	T / T	-0.07 (↓)	95%	1.41×10^{-10}
rs34329895_G	G / G	-0.03 (↓)	54%	1.44×10^{-10}
rs9319943_C	T / T	-0.03 (-)	21%	1.50×10^{-10}
rs506597_G	G / G	0.04 (↑)	88%	1.51×10^{-10}
rs62262091_C	C / C	-0.05 (↓)	91%	1.51×10^{-10}
rs4655617_C	A / C	0.03 (↑)	48%	1.68×10^{-10}
rs2956092_C	T / C	-0.03 (↓)	65%	1.68×10^{-10}
rs71495046_C	A / C	0.04 (↑)	12%	1.86×10^{-10}
rs149447188_C	C / C	-0.17 (↓)	99%	1.99×10^{-10}
rs9257408_G	G / C	-0.03 (↓)	49%	1.99×10^{-10}
rs1431819_G	G / G	0.03 (↑)	71%	1.99×10^{-10}
rs7546252_G	A / G	-0.03 (↓)	57%	2.00×10^{-10}
rs524903_G	G / G	0.04 (↑)	82%	2.05×10^{-10}
rs200995462_T	/	-0.03 (-)	49%	2.08×10^{-10}
rs9857204_G	G / A	-0.03 (↓)	71%	2.17×10^{-10}
rs12056338_G	G / T	-0.03 (↓)	61%	2.18×10^{-10}
rs2066827_G	T / T	0.03 (-)	29%	2.22×10^{-10}
rs9937296_C	C / C	0.04 (↑)	77%	2.35×10^{-10}
rs35901985_G	A / A	-0.03 (-)	19%	2.60×10^{-10}
rs7134150_G	G / G	-0.04 (↓)	90%	2.65×10^{-10}
rs1885234_G	T / G	0.02 (↑)	40%	2.68×10^{-10}
rs72692804_G	G / G	0.05 (↑)	93%	2.90×10^{-10}

rs1570247_G	NEW	G / G	0.02 (↑)	60%	2.91 x 10 ⁻¹⁰
rs12041243_G	NEW	A / A	-0.03 (-)	24%	3.26 x 10 ⁻¹⁰
rs12746673_C	NEW	A / C	0.03 (↑)	21%	3.30 x 10 ⁻¹⁰
rs11046164_C	NEW	T / T	0.03 (-)	76%	3.98 x 10 ⁻¹⁰
rs2613505_C	NEW	A / A	-0.02 (-)	41%	4.10 x 10 ⁻¹⁰
rs4384608_C	NEW	C / T	0.03 (↑)	41%	4.36 x 10 ⁻¹⁰
rs10767659_G	NEW	G / T	0.03 (↑)	35%	4.56 x 10 ⁻¹⁰
rs2240716_C	NEW	C / T	-0.03 (↓)	71%	4.83 x 10 ⁻¹⁰
rs10750840_T		A / A	-0.02 (-)	55%	5.01 x 10 ⁻¹⁰
rs1194592_G		G / G	-0.02 (↓)	47%	5.02 x 10 ⁻¹⁰
rs2447198_C	NEW	T / T	-0.03 (-)	22%	5.02 x 10 ⁻¹⁰
rs2150999_C		C / C	0.02 (↑)	54%	5.54 x 10 ⁻¹⁰
rs16881572_G		G / G	-0.07 (↓)	95%	5.68 x 10 ⁻¹⁰
rs3122231_C	NEW	T / T	0.03 (-)	66%	5.80 x 10 ⁻¹⁰
rs3012060_T		A / A	0.03 (-)	19%	5.94 x 10 ⁻¹⁰
rs12151653_C	NEW	T / T	-0.03 (-)	74%	6.48 x 10 ⁻¹⁰
rs9438610_G	NEW	A / A	-0.03 (-)	20%	6.74 x 10 ⁻¹⁰
rs1327123_G	NEW	C / C	-0.02 (-)	65%	6.77 x 10 ⁻¹⁰
rs9927842_C	NEW	C / C	-0.03 (↓)	79%	6.97 x 10 ⁻¹⁰
rs6558173_G	NEW	G / G	-0.03 (↓)	66%	7.26 x 10 ⁻¹⁰
rs73121277_C	NEW	T / T	0.03 (-)	30%	7.40 x 10 ⁻¹⁰
rs9564268_C	NEW	T / C	-0.02 (↓)	54%	7.67 x 10 ⁻¹⁰
rs261967_C	NEW	C / C	0.02 (↑)	41%	8.05 x 10 ⁻¹⁰
rs10096633_C		C / T	0.03 (↑)	82%	8.08 x 10 ⁻¹⁰
rs11913442_C		T / T	-0.03 (-)	38%	8.22 x 10 ⁻¹⁰
rs11998023_G	NEW	T / T	0.03 (-)	18%	9.00 x 10 ⁻¹⁰
rs35753840_C	NEW	C / C	0.03 (↑)	34%	9.65 x 10 ⁻¹⁰
rs11199116_C		A / A	0.03 (-)	19%	1.01 x 10 ⁻⁹
rs2408252_C	NEW	C / C	-0.03 (↓)	54%	1.06 x 10 ⁻⁹
rs28408270_G		T / T	0.02 (-)	49%	1.07 x 10 ⁻⁹
rs1470560_G	NEW	G / G	-0.03 (↓)	64%	1.22 x 10 ⁻⁹
rs410150_C	NEW	T / T	0.03 (-)	21%	1.23 x 10 ⁻⁹
rs6479591_G		A / A	-0.03 (-)	21%	1.23 x 10 ⁻⁹
rs10766076_T	NEW	T / T	0.03 (↑)	71%	1.26 x 10 ⁻⁹
rs858519_C		T / T	-0.02 (-)	51%	1.28 x 10 ⁻⁹
rs2252115_G		G / G	-0.02 (↓)	43%	1.29 x 10 ⁻⁹
rs55812705_C	NEW	T / T	-0.03 (-)	24%	1.32 x 10 ⁻⁹
rs10404726_C	NEW	C / C	0.03 (↑)	48%	1.36 x 10 ⁻⁹
rs4902002_G	NEW	G / A	0.03 (↑)	35%	1.37 x 10 ⁻⁹
rs13059382_G		G / G	0.04 (↑)	72%	1.40 x 10 ⁻⁹
rs11173646_T	NEW	T / T	-0.03 (↓)	74%	1.45 x 10 ⁻⁹
rs11159347_C	NEW	T / T	-0.03 (-)	34%	1.47 x 10 ⁻⁹
rs12128213_G	NEW	A / A	-0.03 (-)	47%	1.50 x 10 ⁻⁹
rs38221_C	NEW	C / C	-0.03 (↓)	76%	1.51 x 10 ⁻⁹
rs4673712_C	NEW	T / T	-0.03 (-)	29%	1.65 x 10 ⁻⁹
rs28758542_G		A / A	-0.03 (-)	34%	1.67 x 10 ⁻⁹
rs62452060_G	NEW	G / A	-0.04 (↓)	86%	1.71 x 10 ⁻⁹
rs13238568_G	NEW	G / G	0.03 (↑)	38%	1.72 x 10 ⁻⁹
rs10119430_G	NEW	A / A	0.03 (-)	22%	1.76 x 10 ⁻⁹
rs723355_G	NEW	G / A	0.02 (↑)	56%	1.99 x 10 ⁻⁹
rs10159026_C	NEW	C / C	0.03 (↑)	75%	2.04 x 10 ⁻⁹
rs10889560_C	NEW	C / C	-0.04 (↓)	89%	2.05 x 10 ⁻⁹
rs73642097_G	NEW	A / G	0.03 (↑)	21%	2.10 x 10 ⁻⁹
rs7274134_C		C / C	0.03 (↑)	67%	2.28 x 10 ⁻⁹
rs6597649_C	NEW	C / T	-0.02 (↓)	52%	2.29 x 10 ⁻⁹
rs9991328_C		C / T	-0.02 (↓)	48%	2.37 x 10 ⁻⁹
rs6972291_C	NEW	T / C	0.03 (↑)	35%	2.50 x 10 ⁻⁹
rs148106383_C	NEW	C / C	-0.09 (↓)	98%	2.71 x 10 ⁻⁹
rs12856169_G		G / G	0.04 (↑)	77%	2.74 x 10 ⁻⁹
rs4833687_C	NEW	C / C	-0.03 (↓)	74%	2.76 x 10 ⁻⁹

rs17810376_G	A / A	0.03 (-)	30%	2.84×10^{-9}
rs12669521_G	A / A	-0.03 (-)	30%	2.84×10^{-9}
rs5010712_G	G / G	0.03 (↑)	81%	2.86×10^{-9}
rs74677818_C	C / C	-0.04 (↓)	87%	2.88×10^{-9}
rs77424687_C	C / C	0.03 (↑)	70%	2.90×10^{-9}
rs17265613_C	T / T	0.03 (-)	19%	2.98×10^{-9}
rs11096542_G	G / G	-0.03 (↓)	38%	3.03×10^{-9}
rs58090211_C	C / C	0.05 (↑)	84%	3.06×10^{-9}
rs2633311_C	T / T	0.02 (-)	50%	3.12×10^{-9}
rs12422600_G	A / A	0.02 (-)	64%	3.14×10^{-9}
rs11258422_C	C / C	0.02 (↑)	41%	3.18×10^{-9}
rs76263492_G	G / G	-0.07 (↓)	96%	3.23×10^{-9}
rs11114650_G	G / G	-0.04 (↓)	78%	3.27×10^{-9}
rs705145_C	C / A	-0.02 (↓)	65%	3.33×10^{-9}
rs7316626_G	G / G	-0.03 (↓)	80%	3.33×10^{-9}
rs59646751_G	G / T	-0.02 (↓)	69%	3.36×10^{-9}
rs33959228_C	C / C	0.09 (↑)	98%	3.39×10^{-9}
rs884847_G	G / G	-0.03 (↓)	80%	3.52×10^{-9}
rs978444_G	G / G	0.02 (↑)	41%	3.52×10^{-9}
rs1075855_G	C / C	0.03 (-)	28%	3.53×10^{-9}
rs2272163_C	C / C	0.02 (↑)	64%	3.55×10^{-9}
rs2125799_C	T / T	0.02 (-)	33%	3.57×10^{-9}
rs7758116_G	G / G	-0.02 (↓)	50%	3.69×10^{-9}
rs17439448_C	C / C	-0.04 (↓)	88%	3.74×10^{-9}
rs138771_G	A / G	-0.03 (↓)	69%	3.78×10^{-9}
rs9869477_G	A / A	0.02 (-)	56%	4.12×10^{-9}
rs529623_C	C / C	-0.02 (↓)	50%	4.26×10^{-9}
rs4129858_G	A / G	0.02 (↑)	42%	4.38×10^{-9}
rs4252505_G	A / A	0.04 (-)	19%	4.52×10^{-9}
rs6978327_C	C / T	-0.02 (↓)	41%	4.79×10^{-9}
rs9411425_G	T / T	0.02 (-)	35%	4.80×10^{-9}
rs79598313_C	C / C	-0.09 (↓)	98%	4.90×10^{-9}
rs11150745_G	A / G	-0.03 (↓)	32%	5.17×10^{-9}
rs116861182_C	A / A	0.06 (-)	5%	5.37×10^{-9}
rs1812707_C	C / T	-0.02 (↓)	44%	5.87×10^{-9}
rs72803684_C	C / C	-0.07 (↓)	96%	6.07×10^{-9}
rs1109442_C	C / C	0.02 (↑)	46%	6.11×10^{-9}
rs10048404_C	C / T	0.03 (↑)	66%	6.12×10^{-9}
rs2780215_G	A / A	-0.05 (-)	10%	6.15×10^{-9}
rs6870983_C	C / C	0.03 (↑)	74%	6.32×10^{-9}
rs12586772_T	A / A	-0.02 (-)	40%	6.41×10^{-9}
rs3828242_G	A / G	-0.03 (↓)	27%	6.50×10^{-9}
rs2816177_G	A / A	0.02 (-)	40%	6.82×10^{-9}
rs10758950_T	T / A	-0.03 (↓)	71%	6.98×10^{-9}
rs3735491_C	C / C	-0.03 (↓)	69%	7.07×10^{-9}
rs4788815_T	T / T	0.02 (↑)	65%	7.34×10^{-9}
rs6561273_G	C / G	-0.03 (↓)	40%	7.52×10^{-9}
rs11870735_C	C / C	-0.03 (↓)	82%	7.58×10^{-9}
rs197374_C	C / C	-0.02 (↓)	59%	7.76×10^{-9}
rs73146095_C	T / T	0.04 (-)	90%	7.91×10^{-9}
rs11929640_G	G / G	-0.03 (↓)	65%	8.51×10^{-9}
rs4942883_C	A / A	0.03 (-)	61%	8.62×10^{-9}
rs10787518_T	T / A	0.03 (↑)	45%	8.76×10^{-9}
rs4658234_G	T / G	-0.03 (↓)	77%	9.11×10^{-9}
rs4834232_C	C / C	-0.03 (↓)	79%	9.42×10^{-9}
rs117642733_C	C / C	-0.08 (↓)	96%	9.45×10^{-9}
rs7664347_C	C / C	-0.02 (↓)	66%	9.52×10^{-9}
rs4440243_C	T / T	-0.03 (-)	42%	9.95×10^{-9}
rs10806906_C	T / T	0.02 (-)	45%	1.01×10^{-8}

rs12892257_G	A / A	0.03 (-)	49%	1.03×10^{-8}
rs2662390_C	C / C	-0.03 (↓)	74%	1.03×10^{-8}
rs34506349_G	G / G	0.07 (↑)	96%	1.04×10^{-8}
rs4463416_C	A / C	-0.02 (↓)	35%	1.08×10^{-8}
rs12992996_C	C / C	0.03 (↑)	76%	1.12×10^{-8}
rs2952858_G	G / G	-0.02 (↓)	60%	1.12×10^{-8}
rs62182438_T	T / T	0.03 (↑)	26%	1.12×10^{-8}
rs7991679_T	T / A	0.03 (↑)	76%	1.12×10^{-8}
rs11236524_C	T / T	0.04 (-)	24%	1.13×10^{-8}
rs6715901_G	A / A	0.02 (-)	57%	1.17×10^{-8}
rs10262104_C	C / T	0.02 (↑)	46%	1.17×10^{-8}
rs11830241_C	C / T	-0.04 (↓)	90%	1.17×10^{-8}
rs73184014_G	A / A	-0.03 (-)	21%	1.17×10^{-8}
rs510062_G	A / G	-0.02 (↓)	40%	1.23×10^{-8}
rs146716733_C	C / C	0.04 (↑)	92%	1.24×10^{-8}
rs10101067_G	G / G	-0.04 (↓)	91%	1.28×10^{-8}
rs73167517_G	G / G	-0.04 (↓)	91%	1.30×10^{-8}
rs59020573_G	G / G	-0.05 (↓)	91%	1.32×10^{-8}
rs3779272_T	T / T	0.02 (↑)	58%	1.32×10^{-8}
rs35164294_G	G / G	-0.05 (↓)	93%	1.35×10^{-8}
rs36111056_G	G / A	0.03 (↑)	79%	1.35×10^{-8}
rs217256_C	C / T	0.02 (↑)	49%	1.36×10^{-8}
rs7912336_T	A / A	0.02 (-)	55%	1.39×10^{-8}
rs2031847_G	G / G	-0.07 (↓)	97%	1.44×10^{-8}
rs56281442_G	A / A	-0.03 (-)	36%	1.47×10^{-8}
rs302395_G	G / G	0.02 (↑)	32%	1.48×10^{-8}
rs6976111_C	A / A	-0.03 (-)	72%	1.51×10^{-8}
rs12116935_G	A / G	0.02 (↑)	35%	1.52×10^{-8}
rs8188241_G	A / G	0.02 (↑)	60%	1.53×10^{-8}
rs2913873_G	A / A	-0.03 (-)	14%	1.53×10^{-8}
rs17747955_C	C / C	0.02 (↑)	45%	1.56×10^{-8}
rs12433335_C	T / C	-0.02 (↓)	57%	1.58×10^{-8}
rs113414093_G	G / G	-0.07 (↓)	95%	1.68×10^{-8}
rs7538321_T	A / A	0.03 (-)	20%	1.69×10^{-8}
rs620191_G	G / G	-0.02 (↓)	66%	1.73×10^{-8}
rs56365443_G	A / G	-0.02 (↓)	32%	1.82×10^{-8}
rs4482463_C	A / A	0.03 (-)	24%	1.82×10^{-8}
rs11994255_C	C / T	-0.02 (↓)	72%	1.82×10^{-8}
rs2394186_G	G / G	-0.03 (↓)	22%	1.88×10^{-8}
rs2679745_G	G / G	0.03 (↑)	81%	1.90×10^{-8}
rs6897117_C	T / C	-0.02 (↓)	71%	1.95×10^{-8}
rs142385484_C	C / T	0.03 (↑)	85%	1.96×10^{-8}
rs1922879_G	G / G	0.02 (↑)	63%	2.11×10^{-8}
rs11848361_G	G / A	0.05 (↑)	92%	2.15×10^{-8}
rs9358912_G	G / G	0.03 (↑)	65%	2.28×10^{-8}
rs4294149_C	C / C	-0.02 (↓)	60%	2.28×10^{-8}
rs9958640_G	G / G	-0.02 (↓)	60%	2.28×10^{-8}
rs305686_C	C / T	0.03 (↑)	63%	2.29×10^{-8}
rs6137042_G	G / G	0.03 (↑)	70%	2.33×10^{-8}
rs12494424_G	G / G	-0.07 (↓)	96%	2.34×10^{-8}
rs7127212_C	C / C	-0.02 (↓)	61%	2.36×10^{-8}
rs75619936_G	C / C	0.03 (-)	13%	2.42×10^{-8}
rs12680217_C	T / T	-0.04 (-)	30%	2.45×10^{-8}
rs10835690_T	T / T	-0.03 (↓)	82%	2.46×10^{-8}
rs61967710_G	G / G	-0.06 (↓)	94%	2.52×10^{-8}
rs827237_C	C / C	-0.03 (↓)	81%	2.53×10^{-8}
rs4807125_C	C / C	-0.03 (↓)	85%	2.59×10^{-8}
rs75307421_G	G / G	-0.07 (↓)	97%	2.60×10^{-8}
rs853866_T	A / A	0.02 (-)	61%	2.72×10^{-8}

rs114136102_C	NA	0.06 (-)	4%	2.81×10^{-8}
rs34617913_G	A / A	-0.02 (-)	30%	2.90×10^{-8}
rs59489841_C	C / C	0.02 (↑)	70%	3.15×10^{-8}
rs7169799_C	T / C	0.02 (↑)	45%	3.21×10^{-8}
rs362307_C	C / T	-0.05 (↓)	93%	3.26×10^{-8}
rs13107325_C	C / C	-0.05 (↓)	93%	3.27×10^{-8}
rs9560114_T	A / A	-0.03 (-)	24%	3.30×10^{-8}
rs17772814_G	G / G	0.07 (↑)	92%	3.38×10^{-8}
rs111283203_G	G / G	-0.03 (↓)	76%	3.41×10^{-8}
rs2216063_G	G / A	-0.03 (↓)	20%	3.47×10^{-8}
rs1662185_G	G / G	-0.02 (↓)	58%	3.48×10^{-8}
rs4820323_G	C / G	0.02 (↑)	58%	3.61×10^{-8}
rs12667919_C	C / C	-0.03 (↓)	71%	3.62×10^{-8}
rs12826669_G	G / G	0.02 (↑)	67%	3.75×10^{-8}
rs10469860_G	A / A	-0.02 (-)	28%	3.84×10^{-8}
rs712315_T	T / T	0.03 (↑)	78%	3.90×10^{-8}
rs4832290_C	C / C	-0.03 (↓)	77%	3.94×10^{-8}
rs1929883_G	G / G	0.03 (↑)	60%	3.99×10^{-8}
rs9449295_C	C / C	0.02 (↑)	52%	4.03×10^{-8}
rs366577_C	C / T	0.02 (↑)	49%	4.06×10^{-8}
rs28792187_G	A / A	0.04 (-)	7%	4.13×10^{-8}
rs13330163_G	A / G	-0.02 (↓)	46%	4.18×10^{-8}
rs62255926_T	A / A	-0.03 (-)	26%	4.22×10^{-8}
rs11858759_G	G / G	0.02 (↑)	73%	4.26×10^{-8}
rs372558_G	C / C	-0.02 (-)	42%	4.51×10^{-8}
rs16907058_G	G / G	-0.05 (↓)	94%	4.55×10^{-8}
rs72846863_G	G / G	0.03 (↑)	86%	4.63×10^{-8}
rs1877712_G	G / G	0.02 (↑)	45%	4.67×10^{-8}
rs243513_G	G / G	0.02 (↑)	71%	4.69×10^{-8}
rs6885157_G	G / G	0.04 (↑)	78%	4.71×10^{-8}
rs538801_T	T / T	-0.02 (↓)	43%	4.72×10^{-8}
rs13288108_C	C / A	0.03 (↑)	82%	4.78×10^{-8}
rs62490267_C	T / T	0.03 (-)	28%	4.80×10^{-8}
rs7130522_C	A / A	0.02 (-)	33%	4.83×10^{-8}
rs12140153_G	G / G	0.04 (↑)	91%	4.98×10^{-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.