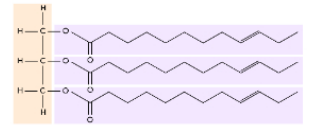


★ Triglyceride level (Richardson, 2020)

Tom Richardson, et al.  
PLoS Medicine

Blood Heart

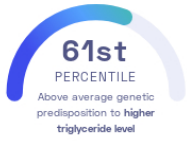


The 'tri' in triglycerides refers to the three fatty acid chains.

STUDY SUMMARY

Identification of 440 genetic variants associated with the *triglyceride* level in the blood and analysis of its contribution to the risk of coronary heart disease.

YOUR RESULT



STUDY DESCRIPTION

Coronary heart disease (CHD) is a condition that develops when the heart's arteries cannot supply enough oxygen to the heart muscle. Coronary heart disease is the leading cause of death in the United States. It occurs when *plaque* builds up in the heart's arteries and blocks the blood flow to the heart. Arterial *plaque* consists of multiple substances that circulate in the blood. One of the substances that the study examined is *triglyceride*. To this end, this study analyzed genetic data of over 440,000 individuals of European descent to identify genomic regions associated with *triglyceride* levels in the blood. The researchers identified 440 variants associated with *triglycerides*, 339 of which are newly discovered. Further work showed that high *triglyceride* levels are associated with an increased risk of coronary heart disease. However, this association weakened slightly when the researchers considered all fats and proteins in the study. The results still suggest that *triglycerides* play an important role in the development of heart disease.
































DID YOU KNOW?




















































High triglyceride levels can increase your risk of conditions like heart attack and stroke. They have also been linked to diseases of the pancreas and liver. Doctors recommend getting more exercise, losing weight, and modifying your diet to lower triglyceride levels.



















































YOUR DETAILED RESULTS

To calculate your genetic predisposition to higher triglyceride level we summed up the effects of genetic variants that were linked to higher triglyceride level 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 higher triglyceride level. The variants highlighted in blue have **negative effect sizes** and decrease your genetic predisposition to higher triglyceride level. Variants that are not highlighted are not found in your genome and do not affect your genetic predisposition to higher triglyceride level. By adding up the effect sizes of the highlighted variants we calculated your polygenic score for higher triglyceride level to be 0.02. 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 higher triglyceride level is in the **61st percentile**. This means that it is higher than the polygenic scores 61% of people. We consider this to be an **above average genetic predisposition to higher triglyceride level**. 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
rs61905078_A	A / A	-0.20 (↓)	93%	4.30 x 10 <sup>-602</sup>
rs4665972_T	T / C	0.10 (↑)	40%	1.00 x 10 <sup>-626</sup>
rs6999569_A	A / A	0.09 (↑)	53%	1.50 x 10 <sup>-412</sup>
rs480823_T	T / T	-0.16 (↓)	92%	3.10 x 10 <sup>-381</sup>
rs2240466_G	G / G	0.12 (↑)	88%	8.10 x 10 <sup>-359</sup>
rs343_C	C / C	0.14 (↑)	92%	4.40 x 10 <sup>-334</sup>
rs9436661_T	T / T	0.08 (↑)	65%	6.10 x 10 <sup>-304</sup>
rs483082_G	G / G	-0.09 (↓)	76%	1.10 x 10 <sup>-292</sup>
rs5112_C	C / C	-0.07 (↓)	47%	6.50 x 10 <sup>-224</sup>
rs116843064_G	G / G	0.23 (↑)	98%	3.10 x 10 <sup>-215</sup>
rs676210_G	G / G	0.07 (↑)	79%	6.50 x 10 <sup>-197</sup>
rs58542926_C	C / C	0.10 (↑)	93%	1.20 x 10 <sup>-162</sup>
rs72836561_C	C / C	-0.14 (↓)	97%	2.00 x 10 <sup>-126</sup>
rs11122450_T	G / G	0.05 (-)	39%	9.90 x 10 <sup>-124</sup>
rs174566_A	A / A	-0.05 (↓)	65%	2.10 x 10 <sup>-120</sup>
rs7000494_G	G / G	-0.14 (↓)	97%	4.10 x 10 <sup>-120</sup>
rs160423652_G	G / G	-0.29 (↓)	99%	1.50 x 10 <sup>-119</sup>
rs139974673_T	T / T	-0.14 (↓)	97%	2.20 x 10 <sup>-115</sup>
rs308_T	T / T	0.16 (↑)	98%	6.50 x 10 <sup>-115</sup>
rs6073958_T	T / T	-0.06 (↓)	80%	1.90 x 10 <sup>-109</sup>
rs998584_C	C / C	-0.04 (↓)	52%	4.90 x 10 <sup>-89</sup>
rs75609851_G	G / G	0.20 (↑)	99%	4.80 x 10 <sup>-87</sup>
rs1077835_A	A / G	-0.05 (↓)	78%	3.40 x 10 <sup>-86</sup>
rs2943645_C	T / T	-0.04 (-)	35%	1.10 x 10 <sup>-83</sup>
rs28383314_T	C / C	-0.04 (-)	38%	4.20 x 10 <sup>-76</sup>
rs13389219_C	C / C	0.04 (↑)	61%	7.70 x 10 <sup>-76</sup>
rs3936511_A	A / A	-0.05 (↓)	81%	6.00 x 10 <sup>-74</sup>
rs78484485_G	G / A	0.08 (↑)	95%	6.40 x 10 <sup>-67</sup>
rs3775228_C	C / C	-0.03 (↓)	60%	2.50 x 10 <sup>-62</sup>
rs4731701_C	C / C	0.03 (↑)	51%	3.30 x 10 <sup>-61</sup>
rs6882076_T	T / T	-0.03 (↓)	37%	1.90 x 10 <sup>-57</sup>
rs10822163_C	C / G	0.03 (↑)	53%	2.30 x 10 <sup>-57</sup>
rs78058190_G	G / G	-0.08 (↓)	95%	3.20 x 10 <sup>-57</sup>
rs2068888_G	G / A	0.03 (↑)	55%	4.10 x 10 <sup>-57</sup>
rs1495741_G	G / A	0.04 (↑)	22%	6.60 x 10 <sup>-56</sup>
rs12446515_C	C / T	0.03 (↑)	68%	3.80 x 10 <sup>-55</sup>
rs9378248_G	G / A	-0.03 (↓)	66%	2.50 x 10 <sup>-54</sup>
rs1532085_A	G / G	0.03 (-)	39%	3.20 x 10 <sup>-51</sup>
















































rs13108218_A	A / G	0.03 (↑)	39%	8.20 × 10 <sup>-50</sup>
rs2925979_T 	C / C	0.03 (-)	30%	1.40 × 10 <sup>-49</sup>
rs188247550_C 	C / C	0.13 (↑)	99%	1.70 × 10 <sup>-48</sup>
rs863750_C	C / T	-0.03 (↓)	40%	2.00 × 10 <sup>-45</sup>
rs640973884_T	G / G	0.03 (-)	40%	3.10 × 10 <sup>-45</sup>
rs72555385_A	A / A	-0.06 (↓)	95%	7.90 × 10 <sup>-45</sup>
rs4500049_A	T / T	0.03 (-)	47%	2.70 × 10 <sup>-44</sup>
rs56271783_G 	G / G	-0.07 (↓)	95%	7.90 × 10 <sup>-44</sup>
rs4722551_T	T / C	0.04 (↑)	84%	1.40 × 10 <sup>-42</sup>
rs6916318_A	A / A	-0.03 (↓)	47%	1.80 × 10 <sup>-40</sup>
rs7140110_T 	T / T	-0.03 (↓)	70%	5.70 × 10 <sup>-38</sup>
rs12928099_C	C / A	0.03 (↑)	70%	9.60 × 10 <sup>-38</sup>
rs114443260_C	C / C	-0.03 (↓)	73%	1.10 × 10 <sup>-36</sup>
rs186696265_C 	C / C	0.10 (↑)	99%	4.80 × 10 <sup>-36</sup>
rs2081687_T	T / C	0.03 (↑)	34%	5.80 × 10 <sup>-36</sup>
rs6982308_C	C / C	-0.02 (↓)	48%	1.20 × 10 <sup>-35</sup>
rs2980755_A 	G / G	0.02 (-)	54%	2.40 × 10 <sup>-35</sup>
rs684773_A	C / C	-0.03 (-)	23%	3.00 × 10 <sup>-35</sup>
rs4930724_T	T / T	0.03 (↑)	67%	3.70 × 10 <sup>-35</sup>
rs114165349_G	G / G	-0.08 (↓)	98%	4.00 × 10 <sup>-35</sup>
rs838133_A 	A / G	0.02 (↑)	45%	1.80 × 10 <sup>-33</sup>
rs4760254_G	G / C	0.03 (↑)	76%	2.80 × 10 <sup>-33</sup>
rs77009508_A	A / A	-0.04 (↓)	93%	4.40 × 10 <sup>-32</sup>
rs182636083_C	C / C	0.03 (↑)	48%	7.40 × 10 <sup>-32</sup>
rs6800707_C 	G / G	-0.03 (-)	19%	1.20 × 10 <sup>-31</sup>
rs326222_T	T / C	-0.03 (↓)	30%	1.70 × 10 <sup>-31</sup>
rs28364531_C 	C / C	-0.09 (↓)	98%	2.40 × 10 <sup>-31</sup>
rs11635675_T 	G / G	-0.02 (-)	66%	4.20 × 10 <sup>-31</sup>
rs1801689_A 	A / A	0.07 (↑)	97%	2.30 × 10 <sup>-30</sup>
rs76895963_T 	T / T	0.09 (↑)	98%	8.10 × 10 <sup>-30</sup>
rs41652812_C 	C / C	0.06 (↑)	93%	3.20 × 10 <sup>-29</sup>
rs192955957_C 	C / C	-0.05 (↓)	90%	5.40 × 10 <sup>-28</sup>
rs73243877_A 	A / A	-0.03 (↓)	83%	9.70 × 10 <sup>-28</sup>
rs3794695_C 	C / C	-0.03 (↓)	81%	1.10 × 10 <sup>-27</sup>
rs36104871_G 	G / G	0.06 (↑)	97%	2.20 × 10 <sup>-27</sup>
rs2267373_C	C / T	-0.02 (↓)	42%	1.90 × 10 <sup>-26</sup>
rs150564454_G	G / G	0.10 (↑)	99%	4.60 × 10 <sup>-26</sup>
rs11206374_G	G / G	-0.02 (↓)	78%	8.80 × 10 <sup>-26</sup>
rs1883711_G	G / G	-0.06 (↓)	97%	1.10 × 10 <sup>-24</sup>
rs58895965_C 	C / A	-0.03 (↓)	83%	2.20 × 10 <sup>-24</sup>
rs79153732_C	C / T	-0.08 (↓)	98%	4.00 × 10 <sup>-24</sup>
rs113344423_G	G / A	-0.04 (↓)	94%	1.60 × 10 <sup>-23</sup>
rs67981690_A 	A / A	-0.03 (↓)	87%	2.00 × 10 <sup>-23</sup>
rs2699805_G	G / G	0.02 (↑)	60%	2.40 × 10 <sup>-23</sup>
rs62117489_C 	C / C	0.04 (↑)	94%	5.50 × 10 <sup>-23</sup>
rs62271373_T 	T / T	-0.04 (↓)	94%	5.70 × 10 <sup>-23</sup>
rs3890483_G	G / G	-0.02 (↓)	56%	2.10 × 10 <sup>-22</sup>
rs7215055_A 	A / A	-0.04 (↓)	94%	1.50 × 10 <sup>-21</sup>
rs2523719_G	G / G	0.02 (↑)	83%	2.00 × 10 <sup>-21</sup>
rs11118310_A 	T / T	-0.02 (-)	41%	2.30 × 10 <sup>-21</sup>
rs13269725_A 	A / A	-0.03 (↓)	92%	4.00 × 10 <sup>-21</sup>
rs1030472_A 	A / A	-0.02 (↓)	79%	8.60 × 10 <sup>-21</sup>
rs12749691_A 	A / A	0.02 (↑)	70%	1.10 × 10 <sup>-20</sup>
rs1045241_C 	C / C	0.02 (↑)	73%	2.30 × 10 <sup>-20</sup>
rs6531216_G	A / A	-0.02 (-)	47%	2.40 × 10 <sup>-20</sup>
rs2917677_C 	C / C	0.02 (↑)	59%	2.60 × 10 <sup>-20</sup>
rs62084237_G 	G / G	-0.02 (↓)	82%	2.90 × 10 <sup>-20</sup>
rs1009360_T 	T / T	0.02 (↑)	58%	3.00 × 10 <sup>-20</sup>
rs6486122_C 	T / T	-0.02 (-)	31%	3.00 × 10 <sup>-20</sup>
rs10422861_C	T / T	0.02 (-)	33%	3.20 × 10 <sup>-20</sup>

rs160565490_C	C / C	0.04 (↑)	94%	1.60 × 10 <sup>-19</sup>
rs71603401_A 	A / A	-0.03 (↓)	86%	1.70 × 10 <sup>-19</sup>
rs11781692_C	C / C	-0.07 (↓)	99%	2.40 × 10 <sup>-19</sup>
rs9817452_G 	G / G	0.02 (↑)	61%	2.70 × 10 <sup>-19</sup>
rs580063_T 	T / T	0.02 (↑)	79%	2.90 × 10 <sup>-19</sup>
rs1799831_C 	C / C	-0.02 (↓)	84%	3.40 × 10 <sup>-19</sup>
rs10750766_C 	C / C	-0.02 (↓)	29%	3.90 × 10 <sup>-19</sup>
rs72801474_G 	G / G	0.03 (↑)	91%	4.50 × 10 <sup>-19</sup>
rs696826_C 	C / C	0.02 (↑)	75%	5.70 × 10 <sup>-19</sup>
rs79192570_G 	G / G	0.03 (↑)	86%	1.00 × 10 <sup>-18</sup>
rs1800978_C 	C / C	0.03 (↑)	88%	1.10 × 10 <sup>-18</sup>
rs185139896_G 	G / G	-0.04 (↓)	96%	1.30 × 10 <sup>-18</sup>
rs9274390_C 	C / C	0.03 (↑)	86%	1.40 × 10 <sup>-18</sup>
rs10776406_A 	A / G	-0.02 (↓)	24%	1.60 × 10 <sup>-18</sup>
rs4969179_T 	T / G	0.02 (↑)	40%	2.70 × 10 <sup>-18</sup>
rs4976033_A 	A / G	-0.02 (↓)	60%	2.90 × 10 <sup>-18</sup>
rs12185242_A 	A / A	-0.02 (↓)	55%	4.00 × 10 <sup>-18</sup>
rs41273040_G	G / G	-0.06 (↓)	98%	4.00 × 10 <sup>-18</sup>
rs3103310_A 	A / A	-0.02 (↓)	76%	6.20 × 10 <sup>-18</sup>
rs6458869_C 	A / A	0.02 (-)	36%	7.10 × 10 <sup>-18</sup>
rs7134376_C 	C / C	0.02 (↑)	57%	1.20 × 10 <sup>-17</sup>
rs61830291_A 	A / C	-0.03 (↓)	90%	1.30 × 10 <sup>-17</sup>
rs7735249_C 	C / C	-0.03 (↓)	89%	2.00 × 10 <sup>-17</sup>
rs535241194_A 	A / G	-0.02 (↓)	79%	2.90 × 10 <sup>-17</sup>
rs78376313_T	T / T	-0.05 (↓)	97%	4.50 × 10 <sup>-17</sup>
rs12610709_G 	G / A	-0.02 (↓)	83%	5.00 × 10 <sup>-17</sup>
rs79287178_G 	G / G	-0.05 (↓)	97%	7.00 × 10 <sup>-17</sup>
rs2619093_C 	T / T	0.02 (-)	82%	1.30 × 10 <sup>-16</sup>
rs2487294_G	G / T	-0.02 (↓)	28%	1.50 × 10 <sup>-16</sup>
rs2773469_A 	A / G	0.02 (↑)	27%	1.60 × 10 <sup>-16</sup>
rs140107293_A	A / A	0.02 (↑)	85%	2.70 × 10 <sup>-16</sup>
rs142385484_C 	C / T	0.02 (↑)	85%	3.20 × 10 <sup>-16</sup>
rs8126001_C 	C / C	0.02 (↑)	51%	3.50 × 10 <sup>-16</sup>
rs13101719_T 	A / A	-0.02 (-)	58%	4.10 × 10 <sup>-16</sup>
rs7138037_G 	G / C	-0.02 (↓)	77%	4.90 × 10 <sup>-16</sup>
rs563296_G 	G / A	-0.02 (↓)	44%	5.60 × 10 <sup>-16</sup>
rs9375694_G 	G / A	-0.02 (↓)	30%	7.40 × 10 <sup>-16</sup>
rs10176110_T	T / C	-0.02 (↓)	87%	8.40 × 10 <sup>-16</sup>
rs11231161_A 	A / A	-0.02 (↓)	63%	9.20 × 10 <sup>-16</sup>
rs2850245_G 	G / T	0.02 (↑)	37%	9.20 × 10 <sup>-16</sup>
rs116878033_C	C / C	-0.04 (↓)	96%	1.10 × 10 <sup>-15</sup>
rs729761_T 	T / G	-0.02 (↓)	29%	1.10 × 10 <sup>-15</sup>
rs10243434_T 	T / T	0.02 (↑)	41%	1.40 × 10 <sup>-15</sup>
rs55966194_C 	C / G	0.02 (↑)	72%	1.50 × 10 <sup>-15</sup>
rs1064939_A 	A / A	0.05 (↑)	98%	1.60 × 10 <sup>-15</sup>
rs1938566_C 	T / T	0.02 (-)	17%	1.60 × 10 <sup>-15</sup>
rs5402_T 	T / T	-0.02 (↓)	88%	1.60 × 10 <sup>-15</sup>
rs591939_A 	A / A	-0.02 (↓)	75%	3.70 × 10 <sup>-15</sup>
rs7239575_T 	T / C	0.02 (↑)	51%	4.30 × 10 <sup>-15</sup>
rs10797119_T 	T / C	-0.02 (↓)	46%	5.40 × 10 <sup>-15</sup>
rs2035816_A 	A / A	0.03 (↑)	92%	5.60 × 10 <sup>-15</sup>
rs13107325_C 	C / C	-0.03 (↓)	93%	5.70 × 10 <sup>-15</sup>
rs7274718_G 	G / A	-0.02 (↓)	40%	6.20 × 10 <sup>-15</sup>
rs3131337_G 	G / C	0.02 (↑)	87%	1.20 × 10 <sup>-14</sup>
rs72904737_G 	G / A	0.03 (↑)	91%	1.20 × 10 <sup>-14</sup>
rs9561643_A 	A / C	-0.02 (↓)	69%	1.50 × 10 <sup>-14</sup>
rs10242866_C 	T / T	-0.02 (-)	60%	1.80 × 10 <sup>-14</sup>
rs2278426_C 	C / C	0.04 (↑)	96%	2.00 × 10 <sup>-14</sup>
rs2277083_A 	G / G	0.02 (-)	44%	2.10 × 10 <sup>-14</sup>

rs2071887_T	T / A	-0.02 (↓)	66%	2.40 × 10 <sup>-14</sup>
rs11228377_T 	T / C	0.02 (↑)	41%	2.60 × 10 <sup>-14</sup>
rs12880341_T 	T / C	-0.02 (↓)	84%	2.90 × 10 <sup>-14</sup>
rs3820897_T 	C / C	-0.02 (-)	18%	3.80 × 10 <sup>-14</sup>
rs138761626_A 	A / A	-0.03 (↓)	92%	3.90 × 10 <sup>-14</sup>
rs8025505_C 	C / C	-0.02 (↓)	74%	4.00 × 10 <sup>-14</sup>
rs17326666_G 	T / T	-0.02 (-)	76%	4.10 × 10 <sup>-14</sup>
rs28577186_G 	A / A	0.02 (-)	34%	4.10 × 10 <sup>-14</sup>
rs3822072_G 	G / A	-0.02 (↓)	65%	4.60 × 10 <sup>-14</sup>
rs73221948_G 	G / G	-0.02 (↓)	71%	6.30 × 10 <sup>-14</sup>
rs213494_C 	C / T	-0.02 (↓)	35%	7.60 × 10 <sup>-14</sup>
rs62459095_C 	C / C	0.03 (↑)	94%	7.70 × 10 <sup>-14</sup>
rs6968865_A 	A / T	-0.02 (↓)	37%	8.30 × 10 <sup>-14</sup>
rs4239538_G 	A / A	0.02 (-)	69%	8.40 × 10 <sup>-14</sup>
rs4776793_C 	C / C	-0.02 (↓)	65%	8.40 × 10 <sup>-14</sup>
rs7749305_T 	T / T	0.02 (↑)	88%	8.90 × 10 <sup>-14</sup>
rs2662806_C 	T / T	0.02 (-)	33%	9.60 × 10 <sup>-14</sup>
rs11078597_T 	T / T	-0.02 (↓)	81%	1.00 × 10 <sup>-13</sup>
rs6172990_C	C / C	0.06 (↑)	98%	1.10 × 10 <sup>-13</sup>
rs12415159_A 	A / G	-0.02 (↓)	85%	1.30 × 10 <sup>-13</sup>
rs3814883_C 	C / C	-0.01 (↓)	52%	1.40 × 10 <sup>-13</sup>
rs4134963_C 	C / T	0.02 (↑)	81%	1.50 × 10 <sup>-13</sup>
rs41785_C	C / A	0.01 (↑)	58%	1.80 × 10 <sup>-13</sup>
rs60610697_T 	T / G	-0.02 (↓)	78%	2.10 × 10 <sup>-13</sup>
rs140874911_C 	C / C	-0.03 (↓)	93%	2.40 × 10 <sup>-13</sup>
rs114052230_C 	C / C	0.02 (↑)	83%	3.60 × 10 <sup>-13</sup>
rs3731696_A 	A / A	-0.02 (↓)	88%	6.40 × 10 <sup>-13</sup>
rs2288004_G	C / C	0.01 (-)	62%	7.40 × 10 <sup>-13</sup>
rs61885960_T 	T / T	0.03 (↑)	95%	8.00 × 10 <sup>-13</sup>
rs1316753_G 	G / G	0.01 (↑)	61%	8.30 × 10 <sup>-13</sup>
rs11030107_A 	A / G	-0.02 (↓)	74%	8.60 × 10 <sup>-13</sup>
rs58324296_A 	A / A	0.01 (↑)	65%	8.70 × 10 <sup>-13</sup>
rs1365297_A 	A / A	0.02 (↑)	82%	9.20 × 10 <sup>-13</sup>
rs12600110_T 	T / T	0.01 (↑)	62%	9.30 × 10 <sup>-13</sup>
rs4675812_G 	G / A	0.01 (↑)	41%	9.80 × 10 <sup>-13</sup>
rs490972_G 	G / G	-0.01 (↓)	53%	1.10 × 10 <sup>-12</sup>
rs37538_G 	C / C	0.01 (-)	40%	1.40 × 10 <sup>-12</sup>
rs79634051_G 	G / G	0.04 (↑)	97%	1.40 × 10 <sup>-12</sup>
rs58963077_C	T / T	-0.01 (-)	60%	1.50 × 10 <sup>-12</sup>
rs7260465_C 	C / T	0.02 (↑)	74%	1.90 × 10 <sup>-12</sup>
rs12440800_A 	A / T	-0.02 (↓)	74%	2.00 × 10 <sup>-12</sup>
rs2812208_G 	G / C	0.05 (↑)	98%	2.40 × 10 <sup>-12</sup>
rs149778057_A 	A / A	0.02 (↑)	67%	2.60 × 10 <sup>-12</sup>
rs1861435_T 	A / A	0.01 (-)	58%	2.50 × 10 <sup>-12</sup>
rs72644085_T	T / T	0.02 (↑)	85%	2.60 × 10 <sup>-12</sup>
rs7018436_T	T / C	-0.02 (↓)	69%	2.70 × 10 <sup>-12</sup>
rs921971_T 	T / C	-0.02 (↓)	73%	2.80 × 10 <sup>-12</sup>
rs1667353_C 	G / G	-0.02 (-)	69%	3.40 × 10 <sup>-12</sup>
rs6792725_A 	A / G	0.02 (↑)	31%	3.60 × 10 <sup>-12</sup>
rs36104374_T 	C / C	0.02 (-)	27%	3.70 × 10 <sup>-12</sup>
rs7704653_A 	G / G	-0.02 (-)	28%	4.00 × 10 <sup>-12</sup>
rs4761234_T 	T / C	0.01 (↑)	52%	4.10 × 10 <sup>-12</sup>
rs12138136_T 	T / T	0.02 (↑)	91%	4.60 × 10 <sup>-12</sup>
rs7439032_T 	C / C	0.02 (-)	20%	5.20 × 10 <sup>-12</sup>
rs10797996_C 	C / T	0.01 (↑)	43%	5.30 × 10 <sup>-12</sup>
rs4450871_A 	A / G	0.01 (↑)	56%	5.80 × 10 <sup>-12</sup>
rs55767272_A 	A / A	0.03 (↑)	93%	6.00 × 10 <sup>-12</sup>
rs78025076_C	C / C	-0.05 (↓)	98%	6.30 × 10 <sup>-12</sup>
rs935168_G	G / A	-0.01 (↓)	35%	8.10 × 10 <sup>-12</sup>

rs2237029_G	G / A	0.01 (↑)	40%	8.50 × 10 <sup>-12</sup>
rs76679663_C	C / C	0.07 (↑)	99%	8.70 × 10 <sup>-12</sup>
rs867939_G	G / A	0.01 (↑)	42%	8.70 × 10 <sup>-12</sup>
rs2860183_T	T / C	0.01 (↑)	38%	9.20 × 10 <sup>-12</sup>
rs34580448_T	T / T	0.03 (↑)	96%	1.10 × 10 <sup>-11</sup>
rs595767_A	G / G	-0.01 (-)	48%	1.10 × 10 <sup>-11</sup>
rs80276949_G	G / G	-0.05 (↓)	98%	1.20 × 10 <sup>-11</sup>
rs581080_G	G / C	-0.02 (↓)	18%	1.30 × 10 <sup>-11</sup>
rs9480889_C	C / G	-0.02 (↓)	22%	1.30 × 10 <sup>-11</sup>
rs11100083_T	T / C	0.02 (↑)	77%	1.40 × 10 <sup>-11</sup>
rs41292412_C	C / C	-0.06 (↓)	99%	1.40 × 10 <sup>-11</sup>
rs77244849_T	T / T	0.01 (↑)	68%	1.40 × 10 <sup>-11</sup>
rs9970140_A	A / A	0.03 (↑)	92%	1.40 × 10 <sup>-11</sup>
rs6690181_T	C / C	0.01 (-)	62%	1.50 × 10 <sup>-11</sup>
rs9832727_C	C / G	0.01 (↑)	66%	1.70 × 10 <sup>-11</sup>
rs9610329_C	C / C	-0.01 (↓)	57%	1.80 × 10 <sup>-11</sup>
rs954244_C	C / G	-0.02 (↓)	75%	1.90 × 10 <sup>-11</sup>
rs12472667_C	C / C	-0.01 (↓)	63%	2.20 × 10 <sup>-11</sup>
rs3829126_G	G / G	-0.02 (↓)	91%	2.20 × 10 <sup>-11</sup>
rs6093446_G	G / A	-0.01 (↓)	71%	2.20 × 10 <sup>-11</sup>
rs1171617_G	T / T	-0.02 (-)	23%	2.40 × 10 <sup>-11</sup>
rs35859536_C	C / C	0.01 (↑)	69%	2.60 × 10 <sup>-11</sup>
rs6424109_C	A / A	-0.02 (-)	13%	3.10 × 10 <sup>-11</sup>
rs11078696_G	G / G	0.02 (↑)	20%	3.30 × 10 <sup>-11</sup>
rs75225803_C	C / C	0.02 (↑)	91%	3.50 × 10 <sup>-11</sup>
rs112424890_C	C / T	-0.02 (↓)	82%	3.70 × 10 <sup>-11</sup>
rs140288_G	G / A	0.01 (↑)	43%	3.70 × 10 <sup>-11</sup>
rs11240358_G	G / A	-0.01 (↓)	61%	4.00 × 10 <sup>-11</sup>
rs10152471_G	G / G	0.01 (↑)	61%	4.90 × 10 <sup>-11</sup>
rs1351394_T	T / T	-0.01 (↓)	49%	5.00 × 10 <sup>-11</sup>
rs62118471_T	T / T	-0.04 (↓)	97%	5.00 × 10 <sup>-11</sup>
rs296360_T	T / T	0.02 (↑)	83%	5.40 × 10 <sup>-11</sup>
rs4709746_C	C / C	0.02 (↑)	87%	6.10 × 10 <sup>-11</sup>
rs6068280_A	A / G	-0.01 (↓)	33%	6.20 × 10 <sup>-11</sup>
rs79311290_A	A / A	-0.02 (↓)	89%	7.00 × 10 <sup>-11</sup>
rs113439801_C	C / C	0.02 (↑)	83%	7.20 × 10 <sup>-11</sup>
rs7763110_A	A / A	-0.05 (↓)	98%	7.30 × 10 <sup>-11</sup>
rs9943778_A	A / A	0.02 (↑)	76%	7.90 × 10 <sup>-11</sup>
rs151235402_C	C / C	-0.05 (↓)	98%	8.80 × 10 <sup>-11</sup>
rs35763453_T	T / T	-0.03 (↓)	94%	9.10 × 10 <sup>-11</sup>
rs6517522_T	T / T	0.01 (↑)	50%	9.80 × 10 <sup>-11</sup>
rs13066793_A	A / A	0.02 (↑)	91%	1.00 × 10 <sup>-10</sup>
rs38043408_G	G / A	0.01 (↑)	50%	1.00 × 10 <sup>-10</sup>
rs11722924_G	G / C	-0.01 (↓)	46%	1.10 × 10 <sup>-10</sup>
rs75398587_C	C / C	0.03 (↑)	93%	1.10 × 10 <sup>-10</sup>
rs147011441_G	G / G	-0.04 (↓)	98%	1.20 × 10 <sup>-10</sup>
rs2131919_A	A / A	-0.02 (↓)	84%	1.30 × 10 <sup>-10</sup>
rs1126673_C	C / C	-0.01 (↓)	30%	1.40 × 10 <sup>-10</sup>
rs12926107_A	A / G	-0.01 (↓)	55%	1.40 × 10 <sup>-10</sup>
rs2382825_C	C / C	0.01 (↑)	38%	1.60 × 10 <sup>-10</sup>
rs62565259_C	C / C	0.02 (↑)	83%	1.60 × 10 <sup>-10</sup>
rs9890200_A	C / C	0.01 (-)	63%	1.60 × 10 <sup>-10</sup>
rs12591786_C	C / C	0.02 (↑)	84%	1.70 × 10 <sup>-10</sup>
rs35764600_G	G / C	-0.01 (↓)	60%	1.70 × 10 <sup>-10</sup>
rs8066985_A	A / G	0.01 (↑)	48%	1.70 × 10 <sup>-10</sup>
rs58839393_A	A / T	-0.02 (↓)	84%	1.80 × 10 <sup>-10</sup>
rs5708784_A	A / G	0.01 (↑)	51%	1.90 × 10 <sup>-10</sup>
rs10842703_A	A / A	-0.01 (↓)	76%	2.00 × 10 <sup>-10</sup>
rs200841050_C	T / T	0.01 (-)	33%	2.00 × 10 <sup>-10</sup>

rs9812100_G	G / A	0.01 (↑)	62%	2.30 × 10 <sup>-10</sup>
rs10899490_C	C / C	0.02 (↑)	84%	2.40 × 10 <sup>-10</sup>
rs6798765_C	C / C	0.03 (↑)	93%	2.40 × 10 <sup>-10</sup>
rs573377651_A	A / A	-0.02 (↓)	92%	2.50 × 10 <sup>-10</sup>
rs6465120_A	A / G	0.01 (↑)	51%	2.60 × 10 <sup>-10</sup>
rs1292065_C	C / G	0.01 (↑)	29%	3.00 × 10 <sup>-10</sup>
rs149142833_C	C / C	-0.02 (↓)	84%	3.20 × 10 <sup>-10</sup>
rs55737395_G	G / A	0.01 (↑)	66%	3.30 × 10 <sup>-10</sup>
rs11187027_G	G / G	-0.02 (↓)	79%	3.40 × 10 <sup>-10</sup>
rs11903847_T	T / C	0.01 (↑)	34%	3.40 × 10 <sup>-10</sup>
rs77756595_A	A / A	0.03 (↑)	96%	3.40 × 10 <sup>-10</sup>
rs146706984_G	G / G	-0.02 (↓)	92%	3.50 × 10 <sup>-10</sup>
rs61993685_T	T / T	0.02 (↑)	92%	3.60 × 10 <sup>-10</sup>
rs57074291_C	C / C	0.01 (↑)	74%	4.30 × 10 <sup>-10</sup>
rs62397245_C	C / G	-0.01 (↓)	78%	4.50 × 10 <sup>-10</sup>
rs7191623_G	G / A	0.02 (↑)	79%	4.60 × 10 <sup>-10</sup>
rs34245505_C	C / C	-0.02 (↓)	80%	4.70 × 10 <sup>-10</sup>
rs383091_T	T / C	-0.01 (↓)	37%	5.40 × 10 <sup>-10</sup>
rs9600143_A	A / T	0.01 (↑)	46%	5.80 × 10 <sup>-10</sup>
rs193735_G	G / G	-0.03 (↓)	96%	7.10 × 10 <sup>-10</sup>
rs806973_A	A / A	0.01 (↑)	61%	7.10 × 10 <sup>-10</sup>
rs10792091_T	T / T	-0.02 (↓)	86%	7.70 × 10 <sup>-10</sup>
rs71473777_A	A / A	-0.02 (↓)	88%	8.20 × 10 <sup>-10</sup>
rs852388_G	G / C	-0.02 (↓)	79%	8.70 × 10 <sup>-10</sup>
rs8102873_C	C / T	-0.01 (↓)	42%	8.80 × 10 <sup>-10</sup>
rs79983121_C	C / C	-0.02 (↓)	80%	9.00 × 10 <sup>-10</sup>
rs9376511_A	A / A	0.02 (↑)	80%	9.10 × 10 <sup>-10</sup>
rs9788220_T	C / C	-0.02 (-)	19%	9.80 × 10 <sup>-10</sup>
rs111914893_C	C / C	-0.03 (↓)	95%	1.10 × 10 <sup>-9</sup>
rs12530679_A	A / A	0.01 (↑)	52%	1.10 × 10 <sup>-9</sup>
rs245051_A	A / A	0.01 (↑)	59%	1.10 × 10 <sup>-9</sup>
rs62427982_C	C / C	0.01 (↑)	68%	1.10 × 10 <sup>-9</sup>
rs7631606_T	T / G	0.01 (↑)	73%	1.10 × 10 <sup>-9</sup>
rs4802113_T	C / C	0.01 (-)	54%	1.20 × 10 <sup>-9</sup>
rs4909945_T	T / C	-0.01 (↓)	31%	1.20 × 10 <sup>-9</sup>
rs6506033_C	C / C	0.02 (↑)	93%	1.20 × 10 <sup>-9</sup>
rs1149470_T	A / A	0.01 (-)	24%	1.30 × 10 <sup>-9</sup>
rs112403212_C	C / C	-0.02 (↓)	86%	1.40 × 10 <sup>-9</sup>
rs12422600_G	A / A	0.01 (-)	63%	1.50 × 10 <sup>-9</sup>
rs12454712_T	C / C	0.01 (-)	62%	1.50 × 10 <sup>-9</sup>
rs13101828_A	G / G	0.01 (-)	55%	1.50 × 10 <sup>-9</sup>
rs704_G	A / A	0.01 (-)	52%	1.50 × 10 <sup>-9</sup>
rs139386986_C	C / C	0.02 (↑)	91%	1.60 × 10 <sup>-9</sup>
rs79357714_A	A / A	0.03 (↑)	95%	1.60 × 10 <sup>-9</sup>
rs1347188_A	A / A	-0.01 (↓)	75%	1.70 × 10 <sup>-9</sup>
rs138191773_G	G / G	0.05 (↑)	98%	1.70 × 10 <sup>-9</sup>
rs3826043_C	C / T	0.01 (↑)	57%	1.70 × 10 <sup>-9</sup>
rs78588343_G	G / G	0.02 (↑)	82%	1.70 × 10 <sup>-9</sup>
rs933574_A	A / C	-0.01 (↓)	52%	1.70 × 10 <sup>-9</sup>
rs12504746_C	C / C	0.02 (↑)	81%	2.00 × 10 <sup>-9</sup>
rs1561928_A	G / G	-0.02 (-)	12%	2.00 × 10 <sup>-9</sup>
rs2517887_G	G / C	-0.01 (↓)	79%	2.10 × 10 <sup>-9</sup>
rs4662414_A	A / A	0.01 (↑)	55%	2.10 × 10 <sup>-9</sup>
rs56902258_T	T / T	0.02 (↑)	80%	2.10 × 10 <sup>-9</sup>
rs6700266_G	G / A	0.01 (↑)	66%	2.10 × 10 <sup>-9</sup>
rs11664106_A	A / A	0.01 (↑)	63%	2.20 × 10 <sup>-9</sup>
rs2455821_C	C / A	-0.01 (↓)	73%	2.20 × 10 <sup>-9</sup>
rs3808477_C	C / C	0.01 (↑)	72%	2.20 × 10 <sup>-9</sup>
rs9944241_T	C / C	0.01 (-)	52%	2.20 × 10 <sup>-9</sup>

rs73025562_G	G / G	-0.01 (↓)	75%	2.30 × 10 <sup>-9</sup>
rs11746801_G	A / A	0.01 (-)	36%	2.50 × 10 <sup>-9</sup>
rs144984216_C 	C / C	0.04 (↑)	98%	2.50 × 10 <sup>-9</sup>
rs2240533_T 	T / C	0.01 (↑)	69%	2.70 × 10 <sup>-9</sup>
rs775633_T 	A / A	0.01 (-)	35%	2.80 × 10 <sup>-9</sup>
rs72691637_G 	G / G	0.02 (↑)	81%	2.90 × 10 <sup>-9</sup>
rs1835346_A	A / A	0.04 (↑)	98%	3.10 × 10 <sup>-9</sup>
rs200293726_A 	A / A	-0.01 (↓)	69%	3.10 × 10 <sup>-9</sup>
rs139453187_T	T / T	-0.02 (↓)	93%	3.30 × 10 <sup>-9</sup>
rs36061954_C 	C / T	-0.01 (↓)	60%	3.70 × 10 <sup>-9</sup>
rs3784310_T 	T / T	0.01 (↑)	72%	4.30 × 10 <sup>-9</sup>
rs1340819_A 	A / A	0.01 (↑)	65%	4.40 × 10 <sup>-9</sup>
rs4714001_G 	G / A	-0.01 (↓)	36%	4.40 × 10 <sup>-9</sup>
rs4128205_A	A / C	-0.01 (↓)	49%	5.00 × 10 <sup>-9</sup>
rs9496567_G 	G / G	0.01 (↑)	76%	5.30 × 10 <sup>-9</sup>
rs7244_G 	G / A	-0.02 (↓)	83%	5.60 × 10 <sup>-9</sup>
rs4382584_G 	G / G	-0.01 (↓)	73%	5.70 × 10 <sup>-9</sup>
rs7424120_C 	C / T	0.01 (↑)	40%	5.70 × 10 <sup>-9</sup>
rs10811662_G 	G / G	0.02 (↑)	83%	5.90 × 10 <sup>-9</sup>
rs7400002_A 	A / A	-0.01 (↓)	77%	6.10 × 10 <sup>-9</sup>
rs9831084_T 	C / C	0.01 (-)	54%	6.10 × 10 <sup>-9</sup>
rs7855395_A 	A / G	0.01 (↑)	43%	6.50 × 10 <sup>-9</sup>
rs10962680_C 	T / T	0.01 (-)	26%	6.70 × 10 <sup>-9</sup>
rs7596814_G 	G / T	0.01 (↑)	71%	7.30 × 10 <sup>-9</sup>
rs9584870_T 	T / T	0.01 (↑)	63%	7.80 × 10 <sup>-9</sup>
rs74897213_G 	G / G	-0.03 (↓)	95%	8.40 × 10 <sup>-9</sup>
rs10180284_C 	C / T	0.01 (↑)	52%	8.70 × 10 <sup>-9</sup>
rs7714361_A 	A / A	-0.01 (↓)	77%	8.80 × 10 <sup>-9</sup>
rs2499797_G 	G / A	0.02 (↑)	16%	9.40 × 10 <sup>-9</sup>
rs325485_A 	G / G	0.01 (-)	40%	9.40 × 10 <sup>-9</sup>
rs55837381_G	A / A	0.01 (-)	75%	9.70 × 10 <sup>-9</sup>
rs113266765_C 	C / C	0.03 (↑)	97%	1.00 × 10 <sup>-8</sup>
rs1133400_A 	A / A	-0.01 (↓)	78%	1.00 × 10 <sup>-8</sup>
rs1281978_C 	T / T	0.01 (-)	47%	1.00 × 10 <sup>-8</sup>
rs1728407_A 	A / G	-0.01 (↓)	55%	1.00 × 10 <sup>-8</sup>
rs320369_A 	A / G	0.01 (↑)	32%	1.10 × 10 <sup>-8</sup>
rs4564007_T 	C / C	0.01 (-)	32%	1.10 × 10 <sup>-8</sup>
rs12669911_A 	C / C	0.01 (-)	39%	1.20 × 10 <sup>-8</sup>
rs2342371_G 	A / A	0.01 (-)	27%	1.20 × 10 <sup>-8</sup>
rs4569942_G 	A / A	-0.01 (-)	23%	1.20 × 10 <sup>-8</sup>
rs75268115_A 	A / A	0.02 (↑)	92%	1.20 × 10 <sup>-8</sup>
rs2194411_G 	G / A	0.02 (↑)	87%	1.30 × 10 <sup>-8</sup>
rs55646464_G 	T / T	-0.01 (-)	70%	1.30 × 10 <sup>-8</sup>
rs71538127_C 	C / G	-0.02 (↓)	88%	1.30 × 10 <sup>-8</sup>
rs77824033_T 	T / T	0.03 (↑)	96%	1.30 × 10 <sup>-8</sup>
rs78297458_T 	T / T	0.04 (↑)	98%	1.30 × 10 <sup>-8</sup>
rs117291242_C 	C / C	-0.03 (↓)	96%	1.40 × 10 <sup>-8</sup>
rs80078546_C 	C / C	0.02 (↑)	95%	1.40 × 10 <sup>-8</sup>
rs10172544_C 	C / C	0.01 (↑)	59%	1.50 × 10 <sup>-8</sup>
rs76172517_T 	T / T	0.02 (↑)	89%	1.50 × 10 <sup>-8</sup>
rs7681288_G 	G / A	-0.01 (↓)	34%	1.60 × 10 <sup>-8</sup>
rs880315_T 	T / T	0.01 (↑)	66%	1.60 × 10 <sup>-8</sup>
rs498475_G 	G / A	0.01 (↑)	37%	1.70 × 10 <sup>-8</sup>
rs499293_G	G / G	0.01 (↑)	34%	1.70 × 10 <sup>-8</sup>
rs10863828_T	T / T	0.01 (↑)	76%	1.80 × 10 <sup>-8</sup>
rs184694823_A	A / A	-0.02 (↓)	92%	1.80 × 10 <sup>-8</sup>
rs2017500_G	G / A	-0.01 (↓)	49%	1.80 × 10 <sup>-8</sup>
rs2705616_C	C / G	-0.01 (↓)	47%	1.80 × 10 <sup>-8</sup>
rs3758413_T	C / C	-0.01 (-)	58%	1.80 × 10 <sup>-8</sup>

rs7136223_A	A / A	0.01 (↑)	72%	1.80 × 10 <sup>-8</sup>
rs28624578_T	T / C	-0.01 (↓)	83%	1.90 × 10 <sup>-8</sup>
rs394872_C	C / T	-0.01 (↓)	46%	1.90 × 10 <sup>-8</sup>
rs7199293_G	G / A	-0.01 (↓)	47%	2.00 × 10 <sup>-8</sup>
rs878409_G	A / A	0.01 (-)	46%	2.10 × 10 <sup>-8</sup>
rs112162280_C	C / C	0.01 (↑)	71%	2.20 × 10 <sup>-8</sup>
rs2187114_G	G / G	0.02 (↑)	90%	2.20 × 10 <sup>-8</sup>
rs7077812_T	T / T	-0.01 (↓)	81%	2.20 × 10 <sup>-8</sup>
rs293561_T	T / G	-0.01 (↓)	64%	2.30 × 10 <sup>-8</sup>
rs34893217_G	G / T	0.02 (↑)	89%	2.30 × 10 <sup>-8</sup>
rs76957426_C	C / T	-0.01 (↓)	70%	2.30 × 10 <sup>-8</sup>
rs11657201_A	A / G	-0.01 (↓)	76%	2.40 × 10 <sup>-8</sup>
rs1556124_G	A / A	-0.01 (-)	23%	2.40 × 10 <sup>-8</sup>
rs4947121_T	C / C	-0.01 (-)	23%	2.40 × 10 <sup>-8</sup>
rs11980456_G	G / G	-0.01 (↓)	71%	2.60 × 10 <sup>-8</sup>
rs2420477_T	T / C	0.01 (↑)	47%	2.60 × 10 <sup>-8</sup>
rs1152847_G	G / G	0.01 (↑)	65%	2.70 × 10 <sup>-8</sup>
rs4868894_C	G / G	-0.01 (-)	38%	2.70 × 10 <sup>-8</sup>
rs9553567_T	C / C	-0.02 (-)	16%	2.80 × 10 <sup>-8</sup>
rs2416759_G	G / A	-0.01 (↓)	30%	2.90 × 10 <sup>-8</sup>
rs62473520_T	T / C	0.02 (↑)	92%	2.90 × 10 <sup>-8</sup>
rs6572807_A	A / A	-0.01 (↓)	73%	2.90 × 10 <sup>-8</sup>
rs134551_C	C / T	0.01 (↑)	66%	3.00 × 10 <sup>-8</sup>
rs3017106_C	C / T	-0.01 (↓)	31%	3.00 × 10 <sup>-8</sup>
rs144738419_A	A / A	0.05 (↑)	99%	3.10 × 10 <sup>-8</sup>
rs6000553_A	G / G	-0.01 (-)	47%	3.10 × 10 <sup>-8</sup>
rs6722159_T	A / A	0.01 (-)	51%	3.10 × 10 <sup>-8</sup>
rs61780049_A	A / G	-0.02 (↓)	85%	3.20 × 10 <sup>-8</sup>
rs6913325_G	T / T	0.01 (-)	55%	3.20 × 10 <sup>-8</sup>
rs2131311_A	G / G	0.01 (-)	29%	3.30 × 10 <sup>-8</sup>
rs2774430_A	G / G	-0.01 (-)	44%	3.50 × 10 <sup>-8</sup>
rs7186635_A	A / A	-0.01 (↓)	68%	3.50 × 10 <sup>-8</sup>
rs6924805_G	G / T	0.01 (↑)	41%	3.70 × 10 <sup>-8</sup>
rs2070341_C	C / C	-0.01 (↓)	40%	3.80 × 10 <sup>-8</sup>
rs61975915_C	C / T	0.01 (↑)	70%	3.80 × 10 <sup>-8</sup>
rs72917533_T	T / T	0.01 (↑)	81%	3.80 × 10 <sup>-8</sup>
rs62064941_A	A / A	0.03 (↑)	96%	4.20 × 10 <sup>-8</sup>
rs62130120_G	A / A	0.01 (-)	54%	4.20 × 10 <sup>-8</sup>
rs7826246_A	A / G	-0.02 (↓)	90%	4.20 × 10 <sup>-8</sup>
rs143076454_G	G / G	-0.04 (↓)	98%	4.30 × 10 <sup>-8</sup>
rs2110690_A	A / A	-0.01 (↓)	49%	4.30 × 10 <sup>-8</sup>
rs4002684_A	A / A	0.01 (↑)	60%	4.30 × 10 <sup>-8</sup>
rs2054067_A	A / A	0.01 (↑)	63%	4.50 × 10 <sup>-8</sup>
rs973709_G	G / A	0.01 (↑)	44%	4.50 × 10 <sup>-8</sup>
rs56321085_G	G / A	-0.02 (↓)	92%	4.80 × 10 <sup>-8</sup>
rs6805924_G	T / T	-0.01 (-)	57%	4.80 × 10 <sup>-8</sup>
rs7694869_A	G / G	0.01 (-)	38%	4.90 × 10 <sup>-8</sup>