

## ★ Corneal resistance factor (Simcoe, 2020)

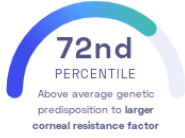
Mark Simcoe, et al.  
Human Molecular Genetics

Eyes

### STUDY SUMMARY

Identification of 258 genetic variants associated with the corneal resistance factor.

#### YOUR RESULT



#### STUDY DESCRIPTION

The cornea is a dome-shaped "window" covering the front part of the eye. It serves to both protect the eye and focus light to help us see. Damage to the cornea can be detrimental to eyesight, so doctors commonly use a number of metrics to measure the cornea's health. One metric is the corneal resistance factor, which measures the total resistance ability of the cornea. A low corneal resistance factor has previously been connected to glaucoma and other disorders of the eye. This genome-wide association study of over 100,000 individuals of European ancestry sought to identify variants correlated with corneal resistance factor. The study found 258 genetic variants linked to the corneal resistance factor. Many of the variants associated with corneal resistance factor were also linked to corneal hysteresis, another key measurement of the cornea's health that was examined in this study.

#### DID YOU KNOW?

To prevent corneal injuries it is highly recommended to wear safety glasses when performing housework such as using a drill or spraying pesticides.

#### YOUR DETAILED RESULTS













































To calculate your genetic predisposition to larger corneal resistance factor we summed up the effects of genetic variants that were linked to larger corneal resistance factor 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 larger corneal resistance factor. The variants highlighted in blue have **negative effect sizes** and decrease your genetic predisposition to larger corneal resistance factor. Variants that are not highlighted are not found in your genome and do not affect your genetic predisposition to larger corneal resistance factor. By adding up the effect sizes of the highlighted variants **we calculated your polygenic score for larger corneal resistance factor to be 1.07**. 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 larger corneal resistance factor is in the **72nd percentile**. This means that it is higher than the polygenic scores 72% of people. We consider this to be an **above average genetic predisposition to larger corneal resistance factor**. 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 <sup>Ⓞ</sup>	YOUR GENOTYPE <sup>Ⓞ</sup>	EFFECT SIZE <sup>Ⓞ</sup>	VARIANT FREQUENCY <sup>Ⓞ</sup>	SIGNIFICANCE <sup>Ⓞ</sup>
rs76210128_C	C / C	-0.22 (↓)	77%	3.40 x 10 <sup>-148</sup>
rs7635832_T	T / T	0.22 (↑)	81%	6.90 x 10 <sup>-134</sup>
rs28425635_A	A / G	0.17 (↑)	66%	1.50 x 10 <sup>-109</sup>
rs142493024_G	G / G	0.66 (↑)	99%	1.10 x 10 <sup>-101</sup>
rs12686184_A	A / G	0.20 (↑)	82%	5.60 x 10 <sup>-96</sup>
rs72756233_G	G / G	-0.23 (↓)	89%	1.10 x 10 <sup>-86</sup>
rs11659764_T	T / T	0.33 (↑)	95%	3.90 x 10 <sup>-82</sup>
rs11616662_G	G / A	0.23 (↑)	90%	3.50 x 10 <sup>-84</sup>
rs74948688_C	C / T	0.28 (↑)	94%	2.30 x 10 <sup>-81</sup>
rs77542162_A	A / A	-0.47 (↓)	98%	2.20 x 10 <sup>-78</sup>
rs7722242_C	T / T	0.13 (-)	48%	5.00 x 10 <sup>-76</sup>
rs139657047_A	A / A	0.37 (↑)	97%	2.90 x 10 <sup>-70</sup>
rs12493217_G	G / G	-0.14 (↓)	77%	4.70 x 10 <sup>-68</sup>
rs6792542_A	A / C	0.13 (↑)	74%	1.80 x 10 <sup>-60</sup>
rs139498917_G	G / G	-1.14 (↓)	> 99%	2.10 x 10 <sup>-56</sup>
rs56009602_C	C / C	-0.26 (↓)	95%	4.70 x 10 <sup>-54</sup>
rs121908120_T	T / T	0.34 (↑)	97%	5.40 x 10 <sup>-54</sup>
rs72620820_G	G / G	0.13 (↑)	78%	8.60 x 10 <sup>-53</sup>
rs2393728_G	A / A	0.11 (-)	58%	5.80 x 10 <sup>-51</sup>
rs7863424_G	G / G	-0.11 (↓)	62%	2.50 x 10 <sup>-48</sup>
rs448203_T	T / C	0.11 (↑)	61%	6.90 x 10 <sup>-48</sup>
rs471064_G	A / A	0.12 (-)	19%	2.20 x 10 <sup>-43</sup>
rs908839_C	G / G	0.10 (-)	47%	2.50 x 10 <sup>-43</sup>
rs8070232_A	G / G	0.14 (-)	15%	4.20 x 10 <sup>-43</sup>
rs2797575_G	G / A	0.09 (↑)	56%	1.30 x 10 <sup>-41</sup>
rs1200108_G	G / A	-0.10 (↓)	35%	2.80 x 10 <sup>-41</sup>
rs12913547_T	T / C	-0.12 (↓)	79%	1.70 x 10 <sup>-40</sup>
rs6415788_G	T / T	0.09 (-)	40%	5.40 x 10 <sup>-40</sup>
rs150629672_C	C / C	0.50 (↑)	99%	6.70 x 10 <sup>-39</sup>
rs1042917_G	G / A	0.09 (↑)	50%	1.30 x 10 <sup>-38</sup>
rs75828199_C	C / C	0.26 (↑)	97%	3.60 x 10 <sup>-36</sup>
rs11789898_G	G / T	-0.12 (↓)	83%	3.80 x 10 <sup>-36</sup>
rs2645775_G	G / A	-0.11 (↓)	78%	4.50 x 10 <sup>-36</sup>
rs4582532_G	G / A	-0.08 (↓)	49%	1.10 x 10 <sup>-33</sup>
rs7936322_C	T / T	0.09 (-)	50%	2.00 x 10 <sup>-32</sup>
rs4656744_T	T / T	-0.09 (↓)	67%	3.20 x 10 <sup>-32</sup>
rs2325812_C	G / G	-0.11 (-)	17%	3.20 x 10 <sup>-32</sup>
rs7550044_C	C / C	0.45 (↑)	90%	1.00 x 10 <sup>-31</sup>

rs7982011_C	C / C	-0.16 (↓)		1.20 x 10 <sup>-31</sup>
rs6910919_C	T / T	-0.10 (-)	25%	6.40 x 10 <sup>-31</sup>
rs11774662_T	T / C	0.09 (↑)	64%	9.20 x 10 <sup>-31</sup>
rs12160284_C	C / C	0.08 (↑)	63%	1.40 x 10 <sup>-30</sup>
rs62257174_G	G / A	-0.09 (↓)	70%	3.20 x 10 <sup>-30</sup>
rs7025044_T	T / A	-0.13 (↓)	11%	1.00 x 10 <sup>-29</sup>
rs4641686_G	T / T	0.08 (-)	47%	7.10 x 10 <sup>-29</sup>
rs11594610_G	G / G	-0.10 (↓)	80%	1.60 x 10 <sup>-28</sup>
rs12526613_T	C / C	-0.08 (-)	45%	6.10 x 10 <sup>-28</sup>
rs3132302_A	A / G	0.10 (↑)	26%	9.40 x 10 <sup>-28</sup>
rs943423_G	G / A	-0.09 (↓)	30%	1.20 x 10 <sup>-27</sup>
rs2875238_T	T / C	-0.08 (↓)	36%	1.90 x 10 <sup>-27</sup>
rs10814543_C	C / C	-0.09 (↓)	69%	3.10 x 10 <sup>-27</sup>
rs13108668_G	C / C	-0.08 (-)	32%	2.20 x 10 <sup>-26</sup>
rs2980046_A	A / A	-0.08 (↓)	76%	7.90 x 10 <sup>-26</sup>
rs11077857_G	A / A	0.09 (-)	17%	9.00 x 10 <sup>-26</sup>
rs10071607_T	T / T	-0.08 (↓)	67%	1.40 x 10 <sup>-24</sup>
rs9510275_T	A / A	0.08 (-)	31%	5.60 x 10 <sup>-24</sup>
rs10817467_A	A / G	-0.08 (↓)	72%	1.10 x 10 <sup>-23</sup>
rs62279163_C	C / A	0.07 (↑)	67%	1.20 x 10 <sup>-23</sup>
rs62014489_G	G / G	-0.11 (↓)	88%	1.50 x 10 <sup>-23</sup>
rs17665178_C	C / C	0.08 (↑)	70%	2.80 x 10 <sup>-23</sup>
rs3740685_C	C / T	0.08 (↑)	29%	3.50 x 10 <sup>-23</sup>
rs7524924_A	A / G	-0.07 (↓)	54%	1.30 x 10 <sup>-22</sup>
rs2109019_A	C / C	-0.09 (-)	21%	1.30 x 10 <sup>-22</sup>
rs116713089_G	G / G	-0.14 (↓)	93%	3.20 x 10 <sup>-22</sup>
rs34869_G	C / C	-0.07 (-)	58%	3.90 x 10 <sup>-22</sup>
rs2468511_C	G / G	-0.09 (-)	19%	4.30 x 10 <sup>-22</sup>
rs8016138_C	C / T	-0.08 (↓)	30%	9.70 x 10 <sup>-22</sup>
rs11917483_T	T / C	-0.07 (↓)	66%	1.60 x 10 <sup>-21</sup>
rs10922476_A	A / A	0.07 (↑)	44%	2.20 x 10 <sup>-21</sup>
rs10758571_A	T / T	-0.07 (-)	40%	2.20 x 10 <sup>-21</sup>
rs12498681_G	G / A	-0.11 (↓)	88%	3.60 x 10 <sup>-21</sup>
rs75995975_C	C / C	0.13 (↑)	93%	6.30 x 10 <sup>-21</sup>
rs1931656_A	A / A	0.07 (↑)	46%	7.40 x 10 <sup>-21</sup>
rs11014595_A	A / A	0.07 (↑)	55%	1.20 x 10 <sup>-20</sup>
rs6816503_G	G / G	0.12 (↑)	93%	1.30 x 10 <sup>-20</sup>
rs10138009_C	C / T	-0.07 (↓)	60%	1.80 x 10 <sup>-20</sup>
rs35351529_T	T / T	0.11 (↑)	90%	4.70 x 10 <sup>-20</sup>
rs62292473_G	G / G	-0.10 (↓)	89%	5.60 x 10 <sup>-20</sup>
rs187977459_T	T / T	0.48 (↑)	> 99%	1.20 x 10 <sup>-19</sup>
rs58671886_G	G / G	0.12 (↑)	90%	1.30 x 10 <sup>-19</sup>
rs66613683_T	T / T	-0.09 (↓)	83%	3.70 x 10 <sup>-19</sup>
rs2745950_G	G / A	-0.07 (↓)	61%	1.10 x 10 <sup>-18</sup>
rs544072714_C	C / C	-0.12 (↓)	92%	1.20 x 10 <sup>-18</sup>
rs6437582_A	C / C	-0.07 (-)	40%	1.50 x 10 <sup>-18</sup>
rs12939159_C	C / C	0.10 (↑)	89%	3.50 x 10 <sup>-18</sup>
rs66756859_C	C / C	-0.11 (↓)	93%	4.30 x 10 <sup>-18</sup>
rs10871335_G	G / A	-0.09 (↓)	83%	4.80 x 10 <sup>-18</sup>
rs534975221_G	G / G	0.34 (↑)	99%	7.50 x 10 <sup>-18</sup>
rs2035835_G	G / C	-0.07 (↓)	32%	9.50 x 10 <sup>-18</sup>
rs11689201_A	A / A	0.06 (↑)	60%	1.40 x 10 <sup>-17</sup>
rs1794824_C	C / T	-0.06 (↓)	41%	2.40 x 10 <sup>-17</sup>
rs1772570_G	G / C	0.06 (↑)	67%	2.60 x 10 <sup>-17</sup>
rs1573019_C	T / T	0.07 (-)	24%	3.70 x 10 <sup>-17</sup>
rs7403354_C	C / C	0.08 (↑)	81%	5.70 x 10 <sup>-17</sup>
rs7919525_A	A / A	-0.07 (↓)	79%	1.20 x 10 <sup>-16</sup>
rs13018808_A	A / G	0.06 (↑)	71%	1.60 x 10 <sup>-16</sup>
rs13071684_C	C / T	-0.11 (↓)	92%	1.80 x 10 <sup>-16</sup>

rs66560819_G	NEW	G / G	0.13 (↑)	94%	2.30 × 10 <sup>-16</sup>
rs3782473_T	NEW	T / C	-0.07 (↓)	76%	2.40 × 10 <sup>-16</sup>
rs1344672_C	NEW	G / G	-0.06 (-)	65%	3.00 × 10 <sup>-16</sup>
rs6501742_T	NEW	G / G	-0.11 (-)	8%	3.60 × 10 <sup>-16</sup>
rs2950790_G	NEW	G / G	-0.07 (↓)	25%	4.10 × 10 <sup>-16</sup>
rs12193050_C	NEW	C / C	-0.11 (↓)	92%	4.10 × 10 <sup>-16</sup>
rs58933977_T	NEW	T / G	0.09 (↑)	85%	4.60 × 10 <sup>-16</sup>
rs2505507_C	NEW	C / C	0.07 (↑)	72%	7.30 × 10 <sup>-16</sup>
rs34372952_C	NEW	C / C	0.08 (↑)	84%	9.10 × 10 <sup>-16</sup>
rs11602544_A	NEW	A / A	-0.06 (↓)	51%	1.00 × 10 <sup>-15</sup>
rs11772848_G	NEW	G / A	0.07 (↑)	77%	1.40 × 10 <sup>-15</sup>
rs1042499_T	NEW	T / T	-0.13 (↓)	94%	1.60 × 10 <sup>-15</sup>
rs10124941_C	NEW	C / C	0.11 (↑)	93%	1.90 × 10 <sup>-15</sup>
rs17819228_C	NEW	C / C	-0.10 (↓)	90%	2.10 × 10 <sup>-15</sup>
rs256869_T	NEW	T / T	0.10 (↑)	92%	2.20 × 10 <sup>-15</sup>
rs4846306_G	NEW	G / A	-0.07 (↓)	26%	2.50 × 10 <sup>-15</sup>
rs115040818_T	NEW	T / T	0.14 (↑)	96%	2.60 × 10 <sup>-15</sup>
rs249768_G	NEW	T / T	0.07 (-)	79%	3.90 × 10 <sup>-15</sup>
rs6874844_T	NEW	T / C	0.07 (↑)	75%	4.50 × 10 <sup>-15</sup>
rs75529319_C	NEW	C / C	-0.25 (↓)	99%	8.50 × 10 <sup>-15</sup>
rs4646785_C	NEW	C / T	-0.07 (↓)	80%	1.10 × 10 <sup>-14</sup>
rs41310169_C	NEW	C / C	-0.28 (↓)	99%	1.20 × 10 <sup>-14</sup>
rs62289359_C	NEW	C / C	0.05 (↑)	54%	1.30 × 10 <sup>-14</sup>
rs1113483_T	NEW	T / T	-0.06 (↓)	48%	1.40 × 10 <sup>-14</sup>
rs663044_G	NEW	G / T	-0.06 (↓)	28%	1.40 × 10 <sup>-14</sup>
rs882855_T	NEW	C / C	0.06 (-)	38%	1.50 × 10 <sup>-14</sup>
rs67239293_G	NEW	G / G	-0.07 (↓)	83%	2.40 × 10 <sup>-14</sup>
rs61301974_T	NEW	T / A	0.06 (↑)	73%	3.20 × 10 <sup>-14</sup>
rs11857536_G	NEW	G / G	-0.07 (↓)	85%	6.10 × 10 <sup>-14</sup>
rs712097_C	NEW	C / C	-0.06 (↓)	67%	6.60 × 10 <sup>-14</sup>
rs1206035_T	NEW	T / T	-0.13 (↓)	95%	7.60 × 10 <sup>-14</sup>
rs7282723_C	NEW	T / T	0.06 (-)	64%	1.50 × 10 <sup>-13</sup>
rs6113029_G	NEW	G / G	0.07 (↑)	78%	1.80 × 10 <sup>-13</sup>
rs9669278_T	NEW	T / T	-0.06 (↓)	48%	1.90 × 10 <sup>-13</sup>
rs4561781_A	NEW	A / G	0.06 (↑)	70%	2.90 × 10 <sup>-13</sup>
rs2143109_A	NEW	A / A	0.05 (↑)	62%	3.10 × 10 <sup>-13</sup>
rs6726007_A	NEW	A / T	0.05 (↑)	53%	5.70 × 10 <sup>-13</sup>
rs78036526_C	NEW	C / C	0.09 (↑)	90%	5.70 × 10 <sup>-13</sup>
rs10170879_A	NEW	A / T	-0.06 (↓)	33%	6.20 × 10 <sup>-13</sup>
rs3904683_T	NEW	T / T	0.06 (↑)	65%	6.30 × 10 <sup>-13</sup>
rs840464_G	NEW	T / T	0.05 (-)	48%	8.10 × 10 <sup>-13</sup>
rs17089329_C	NEW	C / G	-0.07 (↓)	80%	8.20 × 10 <sup>-13</sup>
rs3775840_G	NEW	G / G	-0.06 (↓)	62%	1.00 × 10 <sup>-12</sup>
rs9844666_G	NEW	G / A	0.06 (↑)	76%	1.30 × 10 <sup>-12</sup>
rs4846476_G	NEW	G / G	0.06 (↑)	77%	1.40 × 10 <sup>-12</sup>
rs236940_T	NEW	T / C	0.05 (↑)	38%	1.40 × 10 <sup>-12</sup>
rs6072289_A	NEW	A / A	-0.07 (↓)	84%	1.60 × 10 <sup>-12</sup>
rs4938174_G	NEW	G / G	-0.05 (↓)	71%	1.80 × 10 <sup>-12</sup>
rs13089362_A	NEW	G / G	-0.05 (-)	44%	2.50 × 10 <sup>-12</sup>
rs8072109_A	NEW	A / G	-0.05 (↓)	59%	2.50 × 10 <sup>-12</sup>
rs12731820_G	NEW	G / A	0.05 (↑)	57%	2.70 × 10 <sup>-12</sup>
rs7903474_T	NEW	T / T	0.06 (↑)	76%	3.20 × 10 <sup>-12</sup>
rs61162043_A	NEW	A / A	-0.05 (↓)	37%	3.60 × 10 <sup>-12</sup>
rs61528732_T	NEW	T / T	-0.12 (↓)	95%	3.90 × 10 <sup>-12</sup>
rs62269315_T	NEW	T / T	0.06 (↑)	81%	4.40 × 10 <sup>-12</sup>
rs9364323_G	NEW	G / G	-0.07 (↓)	84%	6.00 × 10 <sup>-12</sup>
rs10492232_T	NEW	T / T	0.08 (↑)	89%	6.10 × 10 <sup>-12</sup>
rs10510110_T	NEW	T / C	0.05 (↑)	53%	9.10 × 10 <sup>-12</sup>
rs3810027_C	NEW	C / G	0.05 (↑)	67%	1.10 × 10 <sup>-11</sup>

rs9285863_T	T / T	0.05 (↑)	67%	1.40 × 10 <sup>-11</sup>
rs73224432_C	C / C	-0.05 (↓)	76%	1.60 × 10 <sup>-11</sup>
rs1580697_A	A / G	0.05 (↑)	37%	1.70 × 10 <sup>-11</sup>
rs7394269_G	G / G	0.07 (↑)	86%	2.00 × 10 <sup>-11</sup>
rs180976308_G	G / G	-0.42 (↓)	> 99%	2.00 × 10 <sup>-11</sup>
rs4578562_A	G / G	0.07 (-)	14%	2.10 × 10 <sup>-11</sup>
rs2237421_T	T / C	-0.05 (↓)	61%	2.70 × 10 <sup>-11</sup>
rs78253835_T	T / T	0.13 (↑)	96%	2.70 × 10 <sup>-11</sup>
rs4653159_G	G / A	-0.06 (↓)	17%	2.80 × 10 <sup>-11</sup>
rs12686780_C	C / C	-0.06 (↓)	83%	2.90 × 10 <sup>-11</sup>
rs13297186_G	G / G	0.05 (↑)	32%	3.00 × 10 <sup>-11</sup>
rs144596877_G	G / G	0.21 (↑)	99%	3.80 × 10 <sup>-11</sup>
rs12309229_G	G / G	0.04 (↑)	67%	4.50 × 10 <sup>-11</sup>
rs62075722_A	A / G	0.05 (↑)	36%	4.70 × 10 <sup>-11</sup>
rs3890968_G	A / A	-0.05 (-)	65%	7.10 × 10 <sup>-11</sup>
rs41281862_G	G / G	-0.07 (↓)	87%	8.00 × 10 <sup>-11</sup>
rs9688830_T	T / G	0.04 (↑)	66%	9.80 × 10 <sup>-11</sup>
rs16856870_A	A / A	-0.11 (↓)	95%	1.00 × 10 <sup>-10</sup>
rs4077168_A	A / A	0.05 (↑)	70%	1.10 × 10 <sup>-10</sup>
rs1451018_C	C / C	-0.06 (↓)	82%	1.10 × 10 <sup>-10</sup>
rs73181764_T	C / C	0.05 (-)	71%	1.20 × 10 <sup>-10</sup>
rs4790881_C	C / A	0.05 (↑)	30%	1.20 × 10 <sup>-10</sup>
rs6676809_A	A / A	0.06 (↑)	85%	1.30 × 10 <sup>-10</sup>
rs1366689_T	T / T	-0.06 (↓)	84%	1.30 × 10 <sup>-10</sup>
rs6749785_T	T / T	-0.04 (↓)	69%	1.50 × 10 <sup>-10</sup>
rs11245342_C	C / C	-0.05 (↓)	74%	1.50 × 10 <sup>-10</sup>
rs1469024_C	T / T	-0.05 (-)	37%	1.50 × 10 <sup>-10</sup>
rs6715689_C	T / T	0.05 (-)	60%	1.70 × 10 <sup>-10</sup>
rs13073544_G	G / G	0.05 (↑)	72%	1.70 × 10 <sup>-10</sup>
rs1499894_C	T / T	0.05 (-)	66%	1.70 × 10 <sup>-10</sup>
rs1844594_G	G / A	0.05 (↑)	54%	1.80 × 10 <sup>-10</sup>
rs10151339_G	G / T	0.06 (↑)	70%	1.80 × 10 <sup>-10</sup>
rs72843943_G	G / G	0.06 (↑)	81%	2.00 × 10 <sup>-10</sup>
rs7623659_C	T / T	0.05 (-)	70%	2.40 × 10 <sup>-10</sup>
rs139002703_C	C / C	0.13 (↑)	97%	2.40 × 10 <sup>-10</sup>
rs1414154_C	C / C	0.05 (↑)	38%	2.50 × 10 <sup>-10</sup>
rs4819855_G	G / G	-0.05 (↓)	74%	2.60 × 10 <sup>-10</sup>
rs117801489_T	T / T	-0.18 (↓)	98%	3.30 × 10 <sup>-10</sup>
rs58114706_G	G / G	-0.05 (↓)	69%	3.40 × 10 <sup>-10</sup>
rs807037_G	C / C	0.04 (-)	34%	3.60 × 10 <sup>-10</sup>
rs58627364_C	C / C	0.07 (↑)	87%	4.80 × 10 <sup>-10</sup>
rs11688492_T	C / C	0.04 (-)	55%	5.00 × 10 <sup>-10</sup>
rs11499034_T	T / T	-0.18 (↓)	99%	5.10 × 10 <sup>-10</sup>
rs28368296_C	T / T	-0.06 (-)	15%	5.20 × 10 <sup>-10</sup>
rs114797817_A	A / A	0.19 (↑)	99%	5.70 × 10 <sup>-10</sup>
rs2032423_T	T / C	0.04 (↑)	44%	6.10 × 10 <sup>-10</sup>
rs10865493_C	A / A	0.08 (-)	8%	6.60 × 10 <sup>-10</sup>
rs1956213_C	C / C	0.04 (↑)	65%	6.60 × 10 <sup>-10</sup>
rs1445844_A	G / G	-0.05 (-)	34%	7.30 × 10 <sup>-10</sup>
rs2806681_G	G / A	-0.05 (↓)	45%	8.40 × 10 <sup>-10</sup>
rs141621919_A	A / A	-0.11 (↓)	96%	8.40 × 10 <sup>-10</sup>
rs2616418_G	G / G	-0.04 (↓)	64%	9.90 × 10 <sup>-10</sup>
rs215545_T	C / C	0.06 (-)	24%	1.00 × 10 <sup>-9</sup>
rs2348477_T	T / T	0.04 (↑)	46%	1.10 × 10 <sup>-9</sup>
rs13138854_G	G / T	-0.05 (↓)	50%	1.20 × 10 <sup>-9</sup>
rs12790261_C	C / C	-0.08 (↓)	92%	1.20 × 10 <sup>-9</sup>
rs2301742_T	T / G	-0.04 (↓)	49%	1.40 × 10 <sup>-9</sup>
rs17006525_T	C / C	-0.05 (-)	61%	1.60 × 10 <sup>-9</sup>
rs76667725_A	A / A	-0.06 (↓)	79%	1.60 × 10 <sup>-9</sup>

rs16893327_T 	C / C	0.06 (-)	74%	1.60 x 10 <sup>-9</sup>
rs4827893_C 	G / G	0.05 (-)	79%	1.60 x 10 <sup>-9</sup>
rs141773782_A 	A / A	0.15 (↑)	98%	1.80 x 10 <sup>-9</sup>
rs10045442_T 	C / C	0.05 (-)	22%	1.90 x 10 <sup>-9</sup>
rs2167972_T 	T / T	-0.05 (↓)	54%	2.10 x 10 <sup>-9</sup>
rs2256606_T 	T / T	0.07 (↑)	90%	2.20 x 10 <sup>-9</sup>
rs117693113_A 	A / A	0.14 (↑)	97%	2.20 x 10 <sup>-9</sup>
rs116899497_C 	C / C	-0.09 (↓)	94%	2.20 x 10 <sup>-9</sup>
rs224979_G 	G / A	0.04 (↑)	56%	2.50 x 10 <sup>-9</sup>
rs12448432_G 	G / A	0.06 (↑)	79%	2.50 x 10 <sup>-9</sup>
rs10863016_A 	C / C	0.05 (-)	24%	2.60 x 10 <sup>-9</sup>
rs6725266_C 	C / A	0.04 (↑)	46%	2.70 x 10 <sup>-9</sup>
rs116998555_C 	C / C	0.47 (↑)	> 99%	2.70 x 10 <sup>-9</sup>
rs13141170_T 	T / C	0.05 (↑)	69%	2.70 x 10 <sup>-9</sup>
rs2160726_G 	G / G	-0.04 (↓)	57%	2.70 x 10 <sup>-9</sup>
rs7886690_T 	T / T	0.03 (↑)	74%	3.00 x 10 <sup>-9</sup>
rs8068844_T 	T / T	-0.04 (↓)	66%	3.10 x 10 <sup>-9</sup>
rs113542380_G 	G / A	-0.08 (↓)	93%	3.50 x 10 <sup>-9</sup>
rs393091_C 	C / T	-0.04 (↓)	37%	3.60 x 10 <sup>-9</sup>
rs7319674_A 	A / A	0.05 (↑)	62%	3.80 x 10 <sup>-9</sup>
rs141951483_C 	C / T	0.07 (↑)	91%	5.40 x 10 <sup>-9</sup>
rs12354975_G 	G / G	-0.11 (↓)	96%	6.10 x 10 <sup>-9</sup>
rs149879035_G 	G / G	-0.19 (↓)	99%	7.40 x 10 <sup>-9</sup>
rs10010326_C 	C / A	-0.05 (↓)	51%	7.80 x 10 <sup>-9</sup>
rs4794213_C 	T / T	0.04 (-)	63%	7.80 x 10 <sup>-9</sup>
rs1113231_C 	C / T	-0.04 (↓)	63%	1.00 x 10 <sup>-8</sup>
rs11730582_T 	T / C	-0.04 (↓)	52%	1.10 x 10 <sup>-8</sup>
rs10172196_G 	G / A	0.05 (↑)	70%	1.30 x 10 <sup>-8</sup>
rs17182988_G 	G / G	0.08 (↑)	93%	1.30 x 10 <sup>-8</sup>
rs183759316_G 	G / G	-0.20 (↓)	99%	1.30 x 10 <sup>-8</sup>
rs4345115_T 	T / C	0.04 (↑)	61%	1.40 x 10 <sup>-8</sup>
rs10901294_C 	C / C	-0.08 (↓)	93%	1.70 x 10 <sup>-8</sup>
rs74454622_C 	C / C	-0.08 (↓)	92%	1.90 x 10 <sup>-8</sup>
rs77583146_G 	G / G	0.19 (↑)	99%	1.90 x 10 <sup>-8</sup>
rs868949_T 	C / C	-0.05 (-)	70%	2.00 x 10 <sup>-8</sup>
rs1991161_C 	C / T	-0.04 (↓)	43%	2.10 x 10 <sup>-8</sup>
rs8041717_G 	G / G	-0.05 (↓)	79%	2.20 x 10 <sup>-8</sup>
rs151190321_T 	T / T	-0.13 (↓)	97%	2.50 x 10 <sup>-8</sup>
rs2286936_A 	A / A	-0.06 (↓)	84%	2.50 x 10 <sup>-8</sup>
rs13208672_G 	T / T	-0.05 (-)	80%	2.80 x 10 <sup>-8</sup>
rs8071654_A 	A / A	-0.06 (↓)	85%	2.90 x 10 <sup>-8</sup>
rs142662688_G 	G / G	0.55 (↑)	> 99%	3.10 x 10 <sup>-8</sup>
rs2836484_C 	C / C	0.04 (↑)	51%	3.30 x 10 <sup>-8</sup>
rs154001_C 	T / T	0.04 (-)	32%	5.00 x 10 <sup>-8</sup>