

SNP location	SNP type	Country and reference	Phenotype linked to SNP	SNP Frequency
-71	1-bp deletion	Korea <sup>1</sup>	R	5
	2-bp deletion	Korea <sup>1</sup>	R	1
-71 & -11	1-bp deletion & A>G	Korea <sup>1</sup>	R	2
-71 & 20	1-bp deletion & T>G	Korea <sup>1</sup>	R	1
-71 & 56 & 386	1-bp deletion & A insertion & 10-bp insertion	Korea <sup>1</sup>	R	1
-71 & 58 & 400	1-bp deletion & G>A & G>A	Korea <sup>1</sup>	R	1
-71 & 67	1-bp deletion & C insertion	Korea <sup>1</sup>	R	1
-71 & 152	1-bp deletion & A>C	Korea <sup>1</sup>	R	1
-71 & 161	2-bp deletion & C>T	Korea <sup>1</sup>	R	1
-71 & 199	1-bp deletion & T>C	Korea <sup>1</sup>	R	1
-71 & 226	1-bp deletion & A>C	Korea <sup>1</sup>	R	1
-71 & 298	1-bp deletion & A>C	Korea <sup>1</sup>	R	1
-71 & 307	1-bp deletion & T>C	Korea <sup>1</sup>	R	1
-71 & 403	1-bp deletion & A>C	Korea <sup>1</sup>	R	3
-71 & 446 & 501	1-bp deletion & T insertion and T insertion	Korea <sup>1</sup>	R	1
-71 & 454	1-bp deletion & 10-bp deletion	Korea <sup>1</sup>	R	1
-71 & 478	1-bp deletion & A>C	Korea <sup>1</sup>	R	1
-16	AACGTA>GGCAGTT	USA <sup>33</sup>	R	1
-15 & 11	A>C & T>C	Sweden <sup>57</sup>	R	1
-13	G>T	Canada <sup>64</sup>	R	1
-12	T>C	South Africa <sup>3</sup> , Netherlands <sup>41</sup>	R <sup>3,41</sup>	3
	T>G	Russia <sup>4</sup>	R	1
	T deletion	Iran <sup>2</sup>	R	1
-12 & 228	T>C & T>C	Korea <sup>5</sup>	R	1
-11	80-bp deletion	Korea <sup>1</sup>	R	1
-11 & 376	80-bp deletion & G>A	Korea <sup>1</sup>	R	1
-11	A>G	Korea <sup>1,5,6,7</sup> , Iran <sup>2</sup> , Russia <sup>4</sup> , Thailand <sup>8</sup> , Portugal <sup>9</sup> , Scotland <sup>10</sup> , Brazil <sup>49</sup> , Canada <sup>12,64</sup> , Peru <sup>13</sup> , China <sup>31,47</sup> , Sweden <sup>38</sup> , India <sup>50</sup> , Spain <sup>59</sup> , Poland <sup>66</sup>	R <sup>1,2,4,5,6,7,8,9,10,12,13,31,38,47,49,50,59,64,66</sup>	62
-11 & 483	A>G & G>A	India <sup>50</sup>	R	1
-11 & 535	A>G & A deletion	India <sup>50</sup>	R	1
-11	A>C	Thailand <sup>8</sup>	R	1
-10	T>C	South Africa <sup>3</sup>	R	1
-7	T>C	USA <sup>33</sup>	R	1
-7 & 340	T>C & A>G	Japan <sup>14</sup>	R	2
-3	C insertion	Sweden <sup>57</sup>	*R/S	1
1	561-bp deletion	Japan <sup>46</sup>	R	1
	11-bp deletion	China <sup>15</sup>	R	1
	8-bp deletion	China <sup>15</sup>	R	1
2	T>C	Portugal <sup>9,35</sup> , Poland <sup>66</sup>	R <sup>9,35,66</sup>	9
3	G>A	Japan <sup>16</sup> , Netherlands <sup>41</sup>	R <sup>16,41</sup>	4
	G>T	Korea <sup>6</sup>	R	1
7	G>C	Iran <sup>2</sup> , Brazil <sup>11,17</sup> , France <sup>37</sup>	R <sup>2,11,17,37</sup>	4
	G>T	Taiwan <sup>18</sup>	R	1
8	C>A	Korea <sup>1,20</sup> , Japan <sup>14,19,46</sup>	R <sup>1,14,19,20,46</sup>	6
8 & 419	C>A & G>A	Japan <sup>14</sup>	R	1
11	T>C	Korea <sup>1</sup> , Peru <sup>32</sup> , USA <sup>33</sup> , China <sup>34,47</sup> , Japan <sup>36</sup>	R <sup>1,32,33,34,36,47</sup>	7
	T>G	Korea <sup>1,6</sup>	R <sup>1,6</sup>	2
12	G deletion	Cuba <sup>56</sup>	R	1
12 & 421	T insertion & C>T	Korea <sup>1</sup>	R	1
13	AT insertion	India <sup>58</sup>	R	2
14	T>A	Japan <sup>16,46</sup>	R <sup>16,46</sup>	2
	T>G	Japan <sup>16</sup> , India <sup>50</sup>	R <sup>16,50</sup>	3
16	T>C	South Africa <sup>21</sup>	R	1
17	T>G	Korea <sup>20</sup> , China <sup>34</sup>	R <sup>20,34</sup>	2
	T>C	Sweden <sup>38,57,61</sup>	R <sup>38,57,61</sup>	3
19	G>A	Peru <sup>13</sup>	R	1
	G>T	Korea <sup>6</sup> , Peru <sup>13</sup>	R <sup>6,13</sup>	2
19 & 22	G>C & G>T	Korea <sup>1</sup>	R	1
19 & 403	G>C & A>C	Korea <sup>1</sup>	R	1

20	T>G	Russia <sup>4</sup> , Yemen <sup>22</sup> , Brazil <sup>23</sup> , USA <sup>39</sup>	R <sup>4,22,23,39</sup>	5
	T>A	Korea <sup>6</sup>	R	1
	T>C	Brazil <sup>11</sup>	R	1
20 & 386 & 517	C insertion & 10-bp insertion & G deletion	Korea <sup>1</sup>	R	1
20 & 437	C insertion & C>T	Korea <sup>1</sup>	R	1
22	G>T	Russia <sup>4</sup> , Belgium <sup>43</sup>	R <sup>4,43</sup>	2
	G>A	South Africa <sup>3</sup> , China <sup>34</sup> , Belgium <sup>43</sup>	R <sup>3,34,43</sup>	4
22 & 104	G>T & T>G	South Africa <sup>3</sup>	R	1
23	A>G	Korea <sup>6,20</sup> , Spain <sup>59</sup> , Canada <sup>64</sup>	R <sup>6,20,59,64</sup>	5
	A>C	China <sup>31</sup>	R	1
	TCG insertion	Korea <sup>7</sup>	R	1
24	C>G	Japan <sup>46</sup>	R	1
25	G>T	South Africa <sup>24</sup>	R	1
26	T>G	Korea <sup>6</sup> , Japan <sup>14</sup>	R <sup>6,14</sup>	2
	T>C	Korea <sup>6</sup>	R	1
28	C>T	Russia <sup>4</sup> , Korea <sup>6,20</sup> , Brazil <sup>11</sup> , Latvia <sup>25</sup> , Belgium <sup>43</sup>	R <sup>4,6,11,20,25,43</sup>	7
	C>A	Russia <sup>4</sup> , Spain <sup>59</sup>	R <sup>4,59</sup>	2
	C deletion	China <sup>15</sup>	R	2
29	A>C	Korea <sup>1,6,20</sup> , Myanmar <sup>22</sup> , China <sup>31,48</sup> , USA <sup>33,39</sup> , Japan <sup>36</sup> , Belgium <sup>43</sup> , Spain <sup>59</sup> , Singapore <sup>62</sup> , Poland <sup>19,66</sup>	R <sup>1,6,19,20,22,31,33,36,39,43,48,59,62,66</sup>	17
	A>G	Korea <sup>6</sup> , USA <sup>12</sup> , Peru <sup>32</sup> , Cuba <sup>56</sup> , Poland <sup>66</sup>	R <sup>6,12,32,56,66</sup>	7
29 & 295	A>C & T>G	Korea <sup>6</sup>	R	1
31 & 34 & 290	C insertion & G>T & G>A	Korea <sup>1</sup>	R	1
34	G>A	Korea <sup>5</sup> , USA <sup>39</sup> , Italy <sup>40</sup> , China <sup>63</sup>	R <sup>5,39,40,63</sup>	7
35	A>C	Korea <sup>6,20</sup> , USA <sup>12</sup> , China <sup>15,47</sup> , Japan <sup>19</sup> , India <sup>58</sup> , Mexico <sup>26</sup> , Peru <sup>32</sup> , Canada <sup>64</sup>	R <sup>6,12,15,19,20,26,32,47,58,64</sup>	20
	A>G	South Africa <sup>3</sup>	*R/S	9
	G insertion	South Africa <sup>3</sup>	R	2
36	A>G	Peru <sup>32</sup>	R	2
37	T>C	China <sup>31</sup>	R	1
38	T>C	France <sup>37</sup>	R	1
40	T>C	Korea <sup>1,5,6</sup> , South Africa <sup>3,24,60</sup> , Myanmar <sup>22</sup> , Japan <sup>46</sup> , China <sup>47</sup>	R <sup>1,3,5,6,22,24,46,47,60</sup>	14
	T>G	Peru <sup>32</sup>	R	3
	T deletion	South Africa <sup>3</sup>	R	1
41	G>A	Korea <sup>6,7</sup> , Latvia <sup>25</sup> , China <sup>34</sup>	R <sup>6,7,25,34</sup>	4
42	C>G	Korea <sup>20</sup>	R	1
	C>A	Poland <sup>66</sup>	R	1
42 & 307	C>G & T>C	Latvia <sup>25</sup>	R	1
42 & 535	C>A & A deletion	India <sup>50</sup>	R	1
46	G>A	China <sup>47</sup>	R	1
49	G>A	China <sup>34</sup> , Singapore <sup>62</sup>	R <sup>34,62</sup>	2
	1-bp deletion	Korea <sup>20</sup>	R	1
50	G>A	Thailand <sup>22</sup>	R	1
52	T>C	New Zealand <sup>45</sup>	R	1
	G insertion	Canada <sup>12</sup>	R	1
52 & 161	T>C & C>T	China <sup>31</sup>	R	1
54	2-bp insertion	Japan <sup>16</sup>	R	1
56	T>C	China <sup>15</sup> , New Zealand <sup>45</sup>	R <sup>15,45</sup>	2
	T>G	Thailand <sup>8</sup>	R	1
	234-bp deletion	Korea <sup>7</sup>	R	1
57 & 62 & 70	3-bp deletion & 4-bp deletion & 5-bp deletion	China <sup>48</sup>	R	1
59	1-bp deletion	China <sup>15</sup>	R	1
59 & 232	1-bp deletion & G>A	Japan <sup>14</sup>	R	1
60	G deletion	Netherlands <sup>41</sup>	R	1
61	G insertion	Italy <sup>40</sup> , China <sup>47</sup>	R <sup>40,47</sup>	2
64	A deletion	Thailand <sup>65</sup>	R	1
67	1-bp deletion	Korea <sup>20</sup>	R	1
	C insertion	Korea <sup>1</sup>	R	1
68	G>C	Taiwan <sup>18</sup>	R	1
68-69	GT>TC	Korea <sup>6</sup>	R	1
71	G>A	Turkey <sup>27</sup> , China <sup>31</sup> , Peru <sup>32</sup>	R <sup>27,31,32</sup>	5

	G deletion	China <sup>15</sup> , USA <sup>33,39</sup>	R <sup>15,33,39</sup>	5
74	1-bp deletion	Korea <sup>20</sup>	R	1
	5-bp deletion	Brazil <sup>17</sup>	R	1
74-75 & 77 & 83	CC>AA & C>G & C>A	Korea <sup>6</sup>	R	1
76	GC insertion	Brazil <sup>17</sup>	R	2
77	5-bp insertion	Korea <sup>1</sup>	R	1
	G deletion	Korea <sup>6</sup>	R	1
78	G>C	India <sup>58</sup>	R	2
80	T>C	Thailand <sup>8</sup> , China <sup>47</sup> , India <sup>50</sup>	R <sup>8,47,50</sup>	4
83	C>T	Taiwan <sup>18</sup>	R	1
84	C deletion	Russia <sup>4</sup>	R	1
89	C>A	China <sup>51</sup>	R	1
92	T>C	Thailand <sup>8</sup>	*R/S	13
	T>G	Thailand <sup>8</sup>	*R/S	4
94	T>G	South Africa <sup>24</sup>	R	1
96 & 338	C>T & G>T	Russia <sup>42</sup>	R	3
96 & 338 & 362	C>T & G>T & G>T	Russia <sup>42</sup>	R	1
98	A>C	China <sup>34</sup>	R	1
99	C deletion	Sweden <sup>38</sup>	R	1
100	T>G	Japan <sup>14,16,46</sup> , Peru <sup>32</sup>	R <sup>14,16,32,46</sup>	6
100 & 400	T>G & G>T	Japan <sup>14</sup>	R	1
101	A>G	Iran <sup>2</sup>	R	1
	A>C	Thailand <sup>22</sup>	R	2
102	C>A	Korea <sup>5</sup> , Japan <sup>14</sup>	R <sup>5,14</sup>	2
	C>G	Netherlands <sup>41</sup>	R	1
	167-bp deletion	Turkey <sup>27</sup>	R	3
103	C deletion	Spain <sup>59</sup>	R	1
104	T>C	Thailand <sup>8</sup> , Japan <sup>46</sup> , Spain <sup>59</sup>	R <sup>8,46,59</sup>	4
	T>G	Brazil <sup>23</sup>	R	1
106	~5.3 kb deletion	USA <sup>33</sup>	R	1
107	CG insertion	South Africa <sup>21</sup>	R	1
108	C>G	China <sup>47</sup>	R	1
109	G>T	South Africa <sup>24</sup>	R	3
117 & 169	G>A & C>G	Sweden <sup>38</sup>	R	1
121	T>C	China <sup>15</sup>	R	1
123	C>G	China <sup>15</sup>	R	2
	C>A	Thailand <sup>22</sup> , Peru <sup>32</sup>	R <sup>22,32</sup>	3
128	A>C	Thailand <sup>22</sup> , Belgium <sup>43</sup>	R <sup>22,43</sup>	3
129 & 493	2-bp deletion & G>A	Japan <sup>14</sup>	R	1
132	A insertion	Korea <sup>1</sup>	R	1
134	T>A	Korea <sup>1</sup>	R	2
	T>G	Korea <sup>6</sup> , Taiwan <sup>18</sup>	R <sup>6,18</sup>	2
	T>C	Thailand <sup>8</sup> , China <sup>34</sup>	R <sup>8,34</sup>	2
135	G>C	Taiwan <sup>18</sup>	R	1
136	G>C	South Africa <sup>24</sup> , Spain <sup>59</sup>	R <sup>24,59</sup>	2
	G>T	Thailand <sup>8</sup>	R	1
	G insertion	Yemen <sup>22</sup>	R	1
	G deletion	Brazil <sup>17</sup>	R	1
137	C>A	Korea <sup>1,6,12</sup>	R <sup>1,6,12</sup>	3
	C>T	Portugal <sup>9</sup> , Canada <sup>12,64</sup> , USA <sup>12</sup> , Korea <sup>12</sup> , Yemen <sup>22</sup>	R <sup>9,12,22,64</sup>	9
139	A>C	China <sup>15</sup> , Korea <sup>20</sup>	R <sup>15,20</sup>	2
	A>G	Korea <sup>6</sup> , Mexico <sup>26</sup> , China <sup>31</sup> , USA <sup>33,39</sup> , Sweden <sup>38</sup>	R <sup>6,26,31,38,39</sup> , *R/S <sup>33</sup>	12
	A>T	Russia <sup>4</sup>	R	1
142	A>G	Korea <sup>1</sup> , China <sup>47</sup>	R <sup>1,47</sup>	3
143	A>C	Peru <sup>32</sup> , Cuba <sup>56</sup>	R <sup>32,56</sup>	5
145	G>A	Korea <sup>20</sup> , Peru <sup>32</sup>	R <sup>20,32</sup>	28
	G>C	South Africa <sup>24</sup>	R	1
	G>T	China <sup>48</sup>	R	1
145 & 305	G>C & C>T	Mexico <sup>26</sup>	R	1
146	A>T	Russia <sup>4</sup>	R	1
	A>G	Russia <sup>4</sup> , Korea <sup>20</sup>	R <sup>4,20</sup>	2
	A>C	Korea <sup>6,20</sup> , Brazil <sup>23</sup> , Belgium <sup>43</sup> , Japan <sup>46</sup>	R <sup>6,20,43,46</sup> , *R/S <sup>23</sup>	8

150	80-bp deletion	Korea <sup>20</sup>	R	1
151	C>G	China <sup>51</sup>	R	1
	C>A	Brazil <sup>17</sup>	R	1
	C>T	Scotland <sup>10</sup>	R	1
	80-bp deletion	Korea <sup>6</sup>	R	1
152	A>C	Portugal <sup>9</sup> , Korea <sup>20</sup> , Thailand <sup>22</sup> , Turkey <sup>27</sup> , USA <sup>33</sup> , Japan <sup>46</sup> , China <sup>47</sup>	R <sup>9,20,22,27,33,46,47</sup>	10
	A>G	Brazil <sup>11</sup> , Thailand <sup>22</sup> , Peru <sup>32</sup> , Italy <sup>40</sup> , India <sup>50</sup> , Canada <sup>64</sup>	R <sup>11,22,32,40,50,64</sup>	21
153	C>A	Japan <sup>19</sup> , Sweden <sup>38</sup> , USA <sup>39</sup> , Poland <sup>66</sup>	R <sup>19,38,39,66</sup>	6
	C>G	Poland <sup>19,66</sup> , India <sup>58</sup> , Sweden <sup>61</sup>	R <sup>19,58,61,66</sup>	7
153 & 493	C>A & G>A	Japan <sup>14</sup>	R	1
156 & 546	C>A & G>T	India <sup>50</sup>	R	1
157	G>A	Japan <sup>19</sup>	R	1
158	A>C	Korea <sup>12</sup>	R	1
	44-bp deletion	China <sup>47</sup>	R	1
	A deletion	Korea <sup>6</sup>	R	1
160	C>A	China <sup>15</sup>	R	1
	C>T	Sweden <sup>38,61</sup>	R <sup>38,61</sup>	2
161	C>G	Japan <sup>16</sup> , Canada <sup>64</sup>	R <sup>16,64</sup>	2
	C>T	Japan <sup>14,19</sup> , Taiwan <sup>18</sup> , South Africa <sup>21,24</sup> , China <sup>34,47</sup> , Peru <sup>32</sup> , Sweden <sup>38,61</sup> , Spain <sup>59</sup>	R <sup>14,18,19,21,24,32,34,38,47,59,61</sup>	15
	C>A	Brazil <sup>11</sup> , Korea <sup>20</sup> , China <sup>34</sup>	R <sup>11,20,34</sup>	3
	C deletion	Korea <sup>6</sup>	R	1
161 & 225	C>T & T>C	Mexico <sup>26</sup>	R	1
165	T>A	Taiwan <sup>18</sup>	R	1
166	G>T	Taiwan <sup>18</sup>	R	1
167	A>G	Taiwan <sup>18</sup>	R	1
168	C insertion	Taiwan <sup>18</sup>	R	1
169	C>G	Iran <sup>2</sup> , Korea <sup>6</sup> , Sweden <sup>38,57</sup> , USA <sup>39,55</sup> , New Zealand <sup>45</sup> , Japan <sup>46</sup> , Canada <sup>64</sup>	R <sup>2,6,38,39,45,46,55,57,64</sup>	21
	C>T	South Africa <sup>24</sup> , China <sup>31,48</sup> , Netherlands <sup>41</sup>	R <sup>24,31,41,48</sup>	7
169 & 222	C>G & C>T	Canada <sup>64</sup>	R	1
170	A>C	Taiwan <sup>18</sup> , China <sup>34</sup> , Turkey <sup>44</sup> , Japan <sup>46</sup>	R <sup>18,34,44,46</sup>	4
	A>G	Korea <sup>5</sup> , Brazil <sup>11</sup> , Canada <sup>64</sup>	R <sup>5,11,64</sup>	3
	T insertion	China <sup>34</sup>	R	1
171	C>T	Taiwan <sup>18</sup>	R	1
172	T>C	Korea <sup>6,7</sup> , Peru <sup>13</sup> , Sweden <sup>38,61</sup>	R <sup>6,7,13,38,61</sup>	6
	T deletion	South Africa <sup>24</sup>	R	12
	2-bp deletion	Brazil <sup>23</sup>	R	1
173	T>C	China <sup>31,47</sup>	R <sup>31,47</sup>	2
174	C>A	Taiwan <sup>18</sup> , South Africa <sup>30</sup>	R <sup>18,30</sup>	2
	C>G	Korea <sup>20</sup> , Canada <sup>22,64</sup> , Sweden <sup>38</sup>	R <sup>20,22,38,64</sup>	4
	T insertion	China <sup>34</sup>	R	1
175	T>C	South Africa <sup>3</sup> , Brazil <sup>11,49</sup> , Japan <sup>14</sup> , Korea <sup>20</sup> , Turkey <sup>44</sup>	R <sup>3,11,14,20,44,49</sup>	6
180 & 425	C>T & C>T	Korea <sup>7</sup>	R	1
181	A>C	France <sup>37</sup>	R	1
181 & 416	A>C & T>C	Japan <sup>46</sup>	R	1
182	5-bp insertion	Brazil <sup>17</sup>	R	3
	CA deletion	Japan <sup>46</sup>	R	1
184	C>A	Latvia <sup>25</sup> , New Zealand <sup>45</sup> , China <sup>47</sup>	R <sup>25,45,47</sup>	3
184 & 290	T insertion & G>T	Japan <sup>46</sup>	R	1
185	C>T	Japan <sup>16</sup> , Korea <sup>20</sup> , Peru <sup>32</sup> , China <sup>63</sup>	R <sup>16,20,32,63</sup>	5
	C>A	Azerbaijan <sup>10</sup> , Taiwan <sup>18</sup> , Poland <sup>66</sup>	R <sup>10,18,66</sup>	3
	C>G	USA <sup>33</sup>	R	1
188	A>G	Yemen <sup>22</sup> , Latvia <sup>25</sup> , Belgium <sup>43</sup> , Canada <sup>64</sup>	R <sup>22,25,43,64</sup>	5
	A>C	Mexico <sup>26</sup> , Belgium <sup>43</sup>	R <sup>26,43,62</sup>	3

		Singapore <sup>62</sup>		
	2-bp insertion	Japan <sup>16</sup> , Peru <sup>32</sup>	R <sup>16,32</sup>	2
	T insertion	New Zealand <sup>45</sup>	R	1
190	T>G	Korea <sup>6,7</sup>	R <sup>6,7</sup>	2
192	8-bp insertion	Brazil <sup>123</sup>	R	3
	A insertion	France <sup>37</sup> , China <sup>48</sup>	R <sup>37,48</sup>	2
193	A insertion	Portugal <sup>9</sup> , Canada <sup>12</sup> , USA <sup>12</sup>	R <sup>9,12</sup>	3
194 & 244	C>G & C>T	Turkey <sup>44</sup>	R	1
195	C>T	Iran <sup>2</sup> , India <sup>50</sup> , USA <sup>39</sup> , Sweden <sup>61</sup>	R <sup>2,39</sup> , *R/S <sup>50,61</sup>	19
	68-bp deletion	Azerbaijan <sup>10</sup>	R	1
195 & -11	C>T & A>G	India <sup>50</sup>	R	1
195 & 11	C>T & T>G	Canada <sup>64</sup>	R	1
195 & 29	C>T & A>G	India <sup>50</sup>	R	1
195 & 43	C>T & T deletion	Iran <sup>2</sup>	R	1
195 & 131	C>T & T>G	Iran <sup>2</sup>	R	1
195 & 182 & 226	C>T & A insertion & A deletion	Korea <sup>1</sup>	R	1
195 & 202	C>T & T>C	USA <sup>39</sup>	R	1
195 & 282	C>T & 2-bp deletion	Canada <sup>64</sup>	R	1
195 & 314	C>T & G>A	India <sup>50</sup>	R	1
195 & 328	C>T & G>T	India <sup>50</sup>	R	1
195 & 329	C>T & A deletion	Thailand <sup>65</sup>	R	1
195 & 391	C>T & G insertion	Canada <sup>64</sup>	R	1
195 & 406	C>T & G>A	India <sup>50</sup>	R	1
195 & 408	C>T & G insertion	Canada <sup>64</sup>	R	1
195 & 422	C>T & A>C	Canada <sup>64</sup>	R	1
195 & 515	C>T & T>C	India <sup>50</sup>	R	1
195 & 528	C>T & GC insertion	Sweden <sup>38</sup>	R	1
195 & 535	C>T & A>C	Iran <sup>2</sup>	R	1
195 & 535	C>T & A deletion	India <sup>50</sup>	R	1
196	T>C	Korea <sup>1</sup> , Russia <sup>4</sup> , China <sup>31</sup>	R <sup>1,4,31</sup>	3
	14-bp insertion	Korea <sup>20</sup>	R	1
199	T>C	Korea <sup>6</sup> , Thailand <sup>8</sup> , Canada <sup>22</sup> , Sweden <sup>38</sup> , China <sup>47,48</sup> , Canada <sup>64</sup>	R <sup>6,8,22,38,47,48,64</sup>	7
200	8-bp insertion	India <sup>50</sup>	R	1
200 & 390	C>T & GG insertion	Thailand <sup>65</sup>	R	1
202	T>C	Korea <sup>1,6</sup> , Brazil <sup>17</sup> , South Africa <sup>24</sup> , Sweden <sup>38</sup> , China <sup>47,48</sup>	R <sup>1,6,17,24,38,47,48</sup>	11
	T>G	Korea <sup>6</sup> , South Africa <sup>24</sup> , Mexico <sup>26</sup> , Poland <sup>66</sup>	R <sup>6,24,26,66</sup>	10
203	G>T	Brazil <sup>11</sup> , Hong Kong <sup>28</sup> , Spain <sup>59</sup>	R <sup>11,28,59</sup>	5
	G>C	Korea <sup>1,6</sup>	R <sup>1,6</sup>	2
	G>A	Korea <sup>6,20</sup> , USA <sup>12</sup>	R <sup>6,12,20</sup>	4
205	C>G	Brazil <sup>23</sup>	R	1
206	C>G	Korea <sup>20</sup> , India <sup>58</sup>	R <sup>20,58</sup>	4
	C>T	France <sup>37</sup>	R	1
207	ACC deletion	Taiwan <sup>18</sup>	R	1
211	C>T	South Africa <sup>3,24</sup> , Taiwan <sup>18</sup> , Mexico <sup>26</sup> , Peru <sup>32</sup> , Belgium <sup>43</sup> , Canada <sup>64</sup>	R <sup>3,18,24,26,32,43,64</sup>	8
	C>G	Thailand <sup>8</sup>	R	8
	C>A	China <sup>34</sup> , Belgium <sup>43</sup>	R <sup>34,43</sup>	2
	3-bp deletion	Korea <sup>20</sup>	R	1
212	A>G	Iran <sup>2</sup> , Korea <sup>1</sup> , Portugal <sup>9</sup> , USA <sup>33</sup>	R <sup>2,7,9,33</sup>	6
	A>C	Japan <sup>46</sup>	R	1
	14-bp insertion	Korea <sup>20</sup>	R	1

213	T>A	Korea <sup>1</sup> , Netherlands <sup>41</sup>	R <sup>1,41</sup>	3
	T>G	USA <sup>12</sup>	R	1
	T deletion	Brazil <sup>17</sup>	R	1
214	T>C	China <sup>15</sup> , Thailand <sup>22</sup> , Brazil <sup>23</sup> , India <sup>58</sup>	R <sup>15,22,23,58</sup>	6
215	G>A	Thailand <sup>8</sup> , Brazil <sup>23</sup> , South Africa <sup>24</sup>	R <sup>8,23,24</sup>	3
	29-bp deletion	France <sup>37</sup>	R	1
216	C>A	Korea <sup>20</sup> , China <sup>47</sup>	R <sup>20,47</sup>	2
	C>G	Japan <sup>19</sup> , Latvia <sup>25</sup> , Canada <sup>64</sup>	R <sup>19,25,64</sup>	4
218	G insertion	Netherlands <sup>41</sup>	R	1
221	G insertion	Scotland <sup>10</sup>	R	2
222	G>C	Thailand <sup>8</sup>	R	1
223	T>C	South Africa <sup>21</sup>	R	1
225 & 515	T>C & T>C	Mexico <sup>26</sup>	R	1
226	A>C	Korea <sup>1,6,20</sup> , Brazil <sup>17,23</sup> , South Africa <sup>21</sup> , Myanmar <sup>22</sup> , Latvia <sup>25</sup> , Mexico <sup>26</sup> , China <sup>31,34,47,63</sup> , Peru <sup>32</sup> , USA <sup>33</sup> , Portugal <sup>35</sup> , Netherlands <sup>41</sup> , India <sup>50</sup> , Cuba <sup>56</sup> , Spain <sup>59</sup> , Canada <sup>64</sup>	R <sup>1,6,17,20,21,22,23,25,26,31,32,33,34,35,41,47,50,56,59,63,64</sup>	38
	A>G	Taiwan <sup>18</sup>	R	1
227	C>T	Korea <sup>6,7</sup> , Brazil <sup>23</sup> , Turkey <sup>44</sup>	R <sup>6,7,23,44</sup>	4
232	G>A	Korea <sup>5</sup>	R	1
	G>T	Peru <sup>32</sup>	R	1
233	G>T	Taiwan <sup>18</sup>	R	1
	G>A	Korea <sup>6</sup> , USA <sup>33</sup>	R <sup>6,33</sup>	2
	G insertion	USA <sup>39</sup>	R	1
233-237	GCGCG-ACGTCTCCA substitution	Korea <sup>20</sup>	R	1
234	G insertion	China <sup>34</sup>	R	1
	4-bp insertion	Korea <sup>5</sup>	R	1
236 & 360	C>T & T insertion	South Africa <sup>3</sup>	R	1
239	A deletion	Turkey <sup>44</sup>	R	1
241	T>G	China <sup>31,63</sup>	R <sup>31,63</sup>	3
244	C>G	Belgium <sup>43</sup>	R	1
245	A>G	USA <sup>12</sup> , Brazil <sup>17</sup> , China <sup>34,63</sup> , Belgium <sup>43</sup> , New Zealand <sup>45</sup>	R <sup>12,17,43,45,63</sup> , *R/S <sup>34</sup>	7
	AT>GG	China <sup>31</sup>	R	1
245 & 389	A>G & T>C	Korea <sup>20</sup>	R	1
246	A>T	Brazil <sup>17</sup>	R	1
248	C>G	Taiwan <sup>18</sup>	R	1
249	T>G	China <sup>34</sup>	R	1
250	C insertion	Portugal <sup>9,35</sup>	R <sup>9,35</sup>	7
254	T>C	Iran <sup>2</sup> , Korea <sup>6</sup> , China <sup>15</sup> , Taiwan <sup>18</sup> , Peru <sup>32</sup> , USA <sup>33,39</sup> , India <sup>58</sup>	R <sup>2,6,15,18,32,33,39,58</sup>	15
	T>G	Korea <sup>6,12</sup> , Azerbaijan <sup>10</sup> , China <sup>15</sup> , Japan <sup>16</sup> , Latvia <sup>25</sup>	R <sup>6,10,12,15,16,25</sup>	7
	T>A	Canada <sup>64</sup>	R	2
258	18-bp insertion	Peru <sup>32</sup>	R	1
260	C>T	Belgium <sup>43</sup>	R	2
	C deletion	Canada <sup>64</sup>	R	1
	AC insertion	Japan <sup>46</sup>	R	1
260 & 436	C>T & G deletion	France <sup>37</sup>	R	1
261	2-bp insertion	Japan <sup>14,16</sup>	R <sup>14,16</sup>	4
263	C>A	China <sup>15</sup> , Canada <sup>64</sup>	R <sup>15,64</sup>	2
264	24-bp deletion	USA <sup>55</sup>	R	1
269	T>G	South Africa <sup>24</sup> , Sweden <sup>38</sup> , USA <sup>55</sup> , Canada <sup>64</sup> , Thailand <sup>65</sup>	R <sup>24,38,55,64,65</sup>	5
279	106-bp insertion	Peru <sup>32</sup>	R	1
280	T>C	China <sup>31</sup> , Peru <sup>32</sup>	R <sup>31,32</sup>	4
281	T>C	Mexico <sup>26</sup> , China <sup>31</sup>	R <sup>26,31</sup>	2
	T>G	Cuba <sup>56</sup>	R	1
282	C>G	Korea <sup>1</sup> , Thailand <sup>65</sup>	R <sup>1,65</sup>	2
	T insertion	Portugal <sup>35</sup>	R	1
285	C>A	Portugal <sup>35</sup>	R	1

	CA deletion	Peru <sup>32</sup>	R	2
286	A>G	Russia <sup>4</sup> , Korea <sup>6,20</sup> , Portugal <sup>9</sup> , China <sup>31</sup> , India <sup>50</sup>	R <sup>4,6,9,20,31,50</sup>	14
	A>C	Korea <sup>6</sup>	R	1
	A>T	South Africa <sup>3</sup>	R	1
	A deletion	Korea <sup>20</sup>	R	2
287	A>C	Brazil <sup>11,49</sup> , Korea <sup>20</sup> , China <sup>34</sup> , France <sup>37</sup>	R <sup>11,20,34,37,49</sup>	7
	A>G	Mexico <sup>26</sup>	R	1
	A>T	Italy <sup>40</sup>	R	1
	T insertion	Korea <sup>6</sup> , Canada <sup>22</sup>	R <sup>6,22</sup>	2
288	G>T	China <sup>15</sup>	R	2
	G>C	India <sup>58</sup>	R	37
	G deletion	USA <sup>39</sup>	R	1
289	G>T	South Africa <sup>3,21</sup> , Italy <sup>40</sup> , India <sup>50</sup>	R <sup>3,21,40,50</sup>	6
	G>A	Thailand <sup>8</sup> , USA <sup>12,33</sup> , Korea <sup>20</sup> , China <sup>34</sup>	R <sup>8,12,20,33,34</sup>	8
	G>C	Netherlands <sup>41</sup>	R	1
290	G>A	South Africa <sup>3</sup> , Japan <sup>16</sup> , Taiwan <sup>18,29</sup> , USA <sup>33</sup> , China <sup>34</sup> , New Zealand <sup>45</sup> , Singapore <sup>62</sup>	R <sup>3,16,18,29,33,34,45,62</sup>	8
	T insertion	Portugal <sup>9</sup>	R	1
291	T>C	Sweden <sup>57</sup>	R	2
	T deletion	Italy <sup>40</sup>	R	1
292	G insertion	Poland <sup>166</sup>	R	1
293	10-bp deletion	Peru <sup>32</sup>	R	1
297	C>G	Brazil <sup>17</sup> , USA <sup>33</sup>	R <sup>17,33</sup>	2
	C>A	Thailand <sup>22</sup> , Japan <sup>46</sup>	R <sup>22,46</sup>	2
298	A>C	China <sup>34</sup>	R	4
	A>G	Taiwan <sup>18</sup>	R	1
300 & 539	C deletion & T>C	Singapore <sup>62</sup>	R	1
301	G deletion	Korea <sup>12</sup>	R	1
	A insertion	China <sup>15</sup>	R	1
303	A deletion	Korea <sup>20</sup>	R	1
304	G>A	Russia <sup>4</sup>	R	1
305	C>T	South Africa <sup>3,60</sup> , Russia <sup>4</sup> , China <sup>34</sup>	R <sup>3,4,34,60</sup>	8
306	C insertion	France <sup>37</sup>	R	1
307	T>G	Canada <sup>64</sup>	R	1
	T>C	Korea <sup>6</sup> , Canada <sup>10</sup> , Latvia <sup>25</sup> , Sweden <sup>38</sup>	R <sup>6,10,25,38</sup>	10
	5-bp deletion	Korea <sup>6</sup>	R	1
308	A>T	Latvia <sup>25</sup>	R	1
	A>G	Taiwan <sup>18</sup> , China <sup>34</sup> , France <sup>37</sup> , Poland <sup>166</sup>	R <sup>18,34,37,66</sup>	4
	A>C	Korea <sup>6</sup>	R	2
309	C>G	Russia <sup>4</sup> , Korea <sup>6</sup> , Brazil <sup>17</sup> , South Africa <sup>24</sup> , Peru <sup>32</sup> , USA <sup>33</sup>	R <sup>4,6,17,24,32,33</sup>	15
	C>A	Korea <sup>1</sup> , USA <sup>33</sup> , Cuba <sup>56</sup>	R <sup>1,33,56</sup>	4
310	A>T	USA <sup>35</sup>	R	1
312	C>A	Korea <sup>1,20</sup>	R <sup>1,20</sup>	2
	C>G	Thailand <sup>8,65</sup> , Yemen <sup>22</sup>	R <sup>8,22,65</sup>	4
314	G>A	Brazil <sup>11</sup> , Peru <sup>32</sup> , China <sup>34</sup>	R <sup>11,32,34</sup>	4
	C insertion	Brazil <sup>11</sup>	R	2
315	G insertion	South Africa <sup>3</sup> , Brazil <sup>17</sup> , China <sup>34</sup>	R <sup>3,17,34</sup>	4
316	245-bp deletion	Poland <sup>66</sup>	R	1
317	CT insertion	Korea <sup>7</sup>	R	1
319	G>A	South Africa <sup>24</sup>	R	1
	G>T	Taiwan <sup>18</sup>	R	1
322	G>T	Iran <sup>2</sup>	R	1
	G>C	Iran <sup>2</sup> , Brazil <sup>11</sup> , Korea <sup>20</sup>	R <sup>2,11,20</sup>	4
334	A>T	China <sup>34</sup>	R	1
335	A>T	Taiwan <sup>18</sup>	R	2
337	G deletion	Korea <sup>20</sup>	R	1
338 & 472	G>A & G>A	Korea <sup>5</sup>	R	1
339	G insertion	Canada <sup>64</sup>	R	1
340	A>C	Yemen <sup>22</sup> , South Africa <sup>24</sup> , Poland <sup>66</sup>	R <sup>22,24,66</sup>	4
341	C deletion	Korea <sup>6,12</sup>	R <sup>6,12</sup>	2
	1355-bp deletion	France <sup>37</sup>	R	1
346	C>G	South Africa <sup>24</sup>	R	1

347	T>G	Korea <sup>1</sup> , Russia <sup>4</sup> , India <sup>50</sup> , Poland <sup>66</sup>	R <sup>1,4,50,66</sup>	11
	T>C	Peru <sup>32</sup> , Italy <sup>40</sup> , China <sup>63</sup>	R <sup>32,40</sup> , *R/S <sup>63</sup>	4
350	T insertion	Japan <sup>46</sup>	R	1
352	7-bp deletion	Taiwan <sup>29</sup>	R	1
353	A>C	China <sup>15</sup>	R	1
355	T>A	China <sup>34</sup>	R	2
356	G>T	Peru <sup>32</sup>	R	1
357	G>A	Korea <sup>6</sup> , Cuba <sup>56</sup>	R <sup>6,56</sup>	2
359	T>G	Iran <sup>2</sup> , Brazil <sup>11,49</sup> , New Zealand <sup>45</sup> , India <sup>50</sup> , Spain <sup>59</sup>	R <sup>2,11,45,49,50,59</sup>	6
	T>C	Portugal <sup>9,35</sup> , Mexico <sup>26</sup> , Sweden <sup>57</sup>	R <sup>9,26,35,57</sup>	29
	81-bp deletion	Peru <sup>32</sup>	R	2
359 & 435	T>G & G insertion	Korea <sup>1</sup>	R	1
361	C deletion	Spain <sup>59</sup>	R	1
362	G>C	Korea <sup>6</sup> , China <sup>15,48</sup>	R <sup>6,15,48</sup>	3
	G>A	Thailand <sup>8</sup>	R	1
364	C>T	Taiwan <sup>18</sup> , South Africa <sup>21,60</sup> , Peru <sup>32</sup>	R <sup>18,21,32,60</sup>	4
368	G>C	Sweden <sup>38,57,61</sup>	R <sup>38,57,61</sup>	3
	G>T	South Africa <sup>21</sup>	R	1
	18-bp insertion	Korea <sup>6</sup>	R	1
	AG insertion	China <sup>15</sup>	R	1
373	G>T	Thailand <sup>8</sup> , Sweden <sup>38,61</sup> , New Zealand <sup>45</sup>	R <sup>8,38,45,61</sup>	4
	9-bp insertion	Korea <sup>20</sup>	R	1
374	T>G	Portugal <sup>9,35</sup> , Mexico <sup>26</sup>	R <sup>9,26,35</sup>	28
	T>A	Russia <sup>4</sup> , Sweden <sup>38</sup>	R <sup>4,38</sup>	3
	16-bp deletion	Japan <sup>14</sup>	R	1
375	C insertion	Mexico <sup>26</sup>	R	1
	9-bp deletion	Spain <sup>59</sup>	R	1
377	GA insertion	Peru <sup>32</sup>	R	1
378	10-bp deletion	China <sup>47</sup>	R	1
379	G>A	Iran <sup>2</sup>	R	1
	G>T	Thailand <sup>8</sup> , China <sup>34</sup>	R <sup>8,34</sup>	2
	30-bp deletion	Mexico <sup>26</sup>	R	1
	11-bp deletion	Russia <sup>4</sup>	R	1
380	9-bp deletion	Mexico <sup>26</sup>	R	1
	11-bp deletion	Korea <sup>20</sup>	R	1
381	GG deletion	Korea <sup>6</sup>	R	1
	9-bp deletion	Portugal <sup>35</sup>	R	1
382	AG insertion	Korea <sup>6,7</sup>	R <sup>6,7</sup>	2
	8-bp deletion	Japan <sup>36</sup>	R	1
	9-bp deletion	India <sup>50</sup> , Cuba <sup>56</sup>	R <sup>50,56</sup>	2
383	T>G	New Zealand <sup>45</sup> , Japan <sup>46</sup> , Sweden <sup>57</sup>	R <sup>45,46,57</sup>	3
	9-bp deletion	USA <sup>39</sup>	R	1
385	5-bp deletion	Korea <sup>20</sup>	R	1
	CG deletion	Japan <sup>46</sup>	R	1
385 & 420	T>G & GG insertion	USA <sup>12</sup>	R	1
386	T>G	Brazil <sup>17</sup>	R	1
	4-bp deletion	Korea <sup>6</sup>	R	1
388	9-bp insertion	Brazil <sup>23</sup> , USA <sup>33</sup>	R <sup>23,33</sup>	2
389	T>C	Korea <sup>1</sup> , China <sup>34,47</sup>	R <sup>1,34,47</sup>	4
	T>G	Canada <sup>22</sup> , USA <sup>33</sup> , Thailand <sup>65</sup>	R <sup>22,33,65</sup>	4
	G insertion	India <sup>50</sup>	R	1
	GG insertion	Korea <sup>20</sup> , South Africa <sup>24</sup> , India <sup>50</sup>	R <sup>20,24,50</sup>	12
390	GG insertion	Mexico <sup>26</sup>	R	1
391	G>T	Korea <sup>20</sup>	R	1
	GG insertion	Korea <sup>6</sup> , Portugal <sup>9</sup> , France <sup>37</sup> , Sweden <sup>38,57</sup> , Japan <sup>46</sup> , China <sup>47</sup>	R <sup>6,9,37,38,46,47,57</sup>	8
	G insertion	Mexico <sup>26</sup> , China <sup>34</sup> , Poland <sup>66</sup>	R <sup>26,47,66</sup>	3
392	G insertion	Korea <sup>6</sup> , Portugal <sup>35</sup>	R <sup>6,35</sup>	2
	GG insertion	Canada <sup>64</sup>	R	1
393	GT insertion	Korea <sup>7</sup>	R	1
	T insertion	Korea <sup>7</sup>	R	1
	1-bp deletion	Korea <sup>1</sup>	R	1
394	G>A	South Africa <sup>3</sup> , Taiwan <sup>18</sup> , Japan <sup>19</sup> , China <sup>34</sup> , Sweden <sup>38,61</sup>	R <sup>3,18,19,34,38,61</sup>	7
395	G>T	Iran <sup>2</sup> , Korea <sup>7</sup>	R <sup>2,8</sup>	3
	G>A	Portugal <sup>9</sup> , Taiwan <sup>18</sup> , Korea <sup>20</sup> ,	R <sup>9,18,20,22,37,64</sup>	7



		Myanmar <sup>22</sup> , France <sup>37</sup> , Canada <sup>64</sup>		
	G>C	China <sup>31</sup> , Sweden <sup>38,57,61</sup> , India <sup>50</sup>	R <sup>31,38,50,57,61</sup>	5
	9-bp insertion	Canada <sup>64</sup>	R	1
	17-bp deletion	India <sup>22</sup>	R	1
396	T insertion	China <sup>48</sup>	R	1
	TC insertion	India <sup>58</sup>	R	3
397	G insertion	Taiwan <sup>29</sup>	R	1
398	T>C	Russia <sup>4</sup> , Japan <sup>19</sup> , Portugal <sup>35</sup> , China <sup>63</sup>	R <sup>4,19,35,63</sup>	5
	T>G	Brazil <sup>11</sup>	R	1
	T>A	USA <sup>33</sup>	R	1
	TT deletion	South Africa <sup>21</sup>	R	1
399	163-bp deletion	Singapore <sup>62</sup>	R	1
401	C>T	Canada <sup>12</sup> , Peru <sup>13</sup> , Taiwan <sup>18,29</sup> , USA <sup>33</sup>	R <sup>12,13,18,29,33</sup>	5
403	A>C	Korea <sup>1,6,7,20</sup> , China <sup>31</sup> , Peru <sup>32</sup> , USA <sup>33</sup> , Japan <sup>46</sup> , Poland <sup>66</sup>	R <sup>1,6,7,20,31,32,33,46,66</sup>	22
	A>G	Taiwan <sup>18</sup>	R	1
	CC insertion	China <sup>15</sup>	R	1
404	C>A	Poland <sup>66</sup>	R	3
406	G>A	Korea <sup>6</sup> , Brazil <sup>54</sup>	R <sup>6,54</sup>	3
	G>C	Portugal <sup>9</sup> , Scotland <sup>10</sup>	R <sup>9,10</sup>	2
	G>T	Korea <sup>6</sup>	R	1
	G deletion	Korea <sup>6</sup>	R	1
407	A>G	Korea <sup>7,20</sup> , South Africa <sup>24</sup> , China <sup>31,63</sup>	R <sup>7,20,24,31</sup> , *R/S <sup>63</sup>	6
	C insertion	Azerbaijan <sup>10</sup>	R	1
	GC insertion	Japan <sup>46</sup>	R	1
408	A insertion	Korea <sup>1</sup> , China <sup>63</sup> , Canada <sup>64</sup>	R <sup>1,63,64</sup>	3
410	A>C	Korea <sup>6</sup> , Bangladesh <sup>10</sup> , Japan <sup>14</sup> , Peru <sup>32</sup> , China <sup>47</sup> , India <sup>58</sup>	R <sup>6,10,14,32,47,58</sup>	7
	A>G	USA <sup>33</sup>	R	2
412	T>C	Japan <sup>16,46</sup>	R <sup>16,46</sup>	2
	G insertion	Thailand <sup>8</sup>	R	1
	T deletion	Japan <sup>46</sup>	R	1
413	G>A	China <sup>15</sup> , Latvia <sup>25</sup> , USA <sup>33</sup> , Sweden <sup>38</sup> , India <sup>58</sup>	R <sup>15,25,33,38,58</sup>	6
	G>C	Korea <sup>12</sup>	R	1
414	T>A	Korea <sup>20</sup>	R	2
	T>C	Brazil <sup>17</sup>	R	2
	G insertion	Korea <sup>6</sup>	R	1
415	G>C	China <sup>15,31</sup> , Mexico <sup>26</sup> , USA <sup>33</sup> , India <sup>58</sup>	R <sup>15,26,31,33,58</sup>	6
	G>A	Korea <sup>6,12</sup> , South Africa <sup>24</sup>	R <sup>6,12,24</sup>	6
	G>T	Japan <sup>46</sup>	R	1
415 & 418	G deletion & C>T	India <sup>50</sup>	R	1
416	T>C	China <sup>15,31,47</sup> , Taiwan <sup>18</sup> , Korea <sup>20</sup> , Malaysia <sup>22</sup> , South Africa <sup>30</sup> , Japan <sup>53</sup> , Cuba <sup>56</sup> , Poland <sup>66</sup>	R <sup>15,18,20,22,30,31,47,53,56,66</sup>	13
	T>G	Thailand <sup>8</sup> , China <sup>31,34,48</sup> , USA <sup>33</sup> , Portugal <sup>35</sup> , Spain <sup>59</sup> , South Africa <sup>60</sup> , Singapore <sup>62</sup>	R <sup>8,31,33,34,35,48,59,60,62</sup>	13
418	G insertion	Korea <sup>1,20</sup>	R <sup>1,20</sup>	3
418 & 446	C>A & 8-bp deletion	Canada <sup>12,64</sup>	R	24
419	68-bp deletion	France <sup>37</sup>	R	1
420	G insertion	USA <sup>12</sup>	R	2
	GC insertion	South Africa <sup>21</sup>	R	1
421	C>T	Korea <sup>6,7</sup> , Portugal <sup>9</sup>	R <sup>6,7,9</sup>	3
422	A>C	Korea <sup>1,6,20</sup> , Russia <sup>4</sup> , USA <sup>12</sup> , China <sup>31,47</sup> , India <sup>58</sup>	R <sup>1,4,6,12,20,31,47,58</sup>	10
	C deletion	Brazil <sup>17</sup>	R	1
424	A>G	Myanmar <sup>22</sup> , China <sup>34,47</sup> , Poland <sup>66</sup>	R <sup>22,34,47,66</sup>	4
425	C>A	China <sup>15</sup> , Thailand <sup>22</sup> , Sweden <sup>38,61</sup>	R <sup>15,22,38,61</sup>	7
	C>T	Thailand <sup>8</sup> , Bangladesh <sup>10</sup> , Korea <sup>20</sup> , New Zealand <sup>45</sup> , India <sup>58</sup>	R <sup>8,10,20,45,58</sup>	6
426	AG insertion	India <sup>58</sup>	R	1
427	G>A	Iran <sup>2</sup>	R	1
	G>C	Mexico <sup>26</sup>	R	1
428	C>G	Italy <sup>40</sup>	R	1
	GG insertion	Korea <sup>12</sup>	R	1

430	GAG deletion	Netherlands <sup>41</sup>	R	1
	6-bp deletion	Poland <sup>66</sup>	R	2
436	G>A	Korea <sup>6,20</sup> , Thailand <sup>8,52</sup> , China <sup>63</sup>	R <sup>6,8,20,52,63</sup>	7
437	C>T	India <sup>22</sup>	R	1
439	CG insertion	Portugal <sup>9,35</sup>	R <sup>9,35</sup>	4
440	1-bp deletion	Mexico <sup>26</sup>	R	1
442	C>A	Poland <sup>19</sup> , Turkey <sup>44</sup>	R <sup>19,44</sup>	2
	C>T	Taiwan <sup>18</sup>	R	1
444	CG insertion	Brazil <sup>23</sup>	R	1
	12-bp insertion	Sweden <sup>38,57</sup>	R <sup>38,57</sup>	2
448	GC insertion	Korea <sup>20</sup>	R	2
449	G deletion	Japan <sup>46</sup>	R	1
451	T deletion	Korea <sup>20</sup>	R	1
452	T>C	South Africa <sup>3</sup> , China <sup>34,63</sup> , Canada <sup>64</sup>	R <sup>3,34,63,65</sup>	6
	T deletion	Korea <sup>6</sup>	R	1
454	G>A	Korea <sup>5</sup>	R	1
456	T insertion	Brazil <sup>54</sup>	R	2
457	C>G	Brazil <sup>23</sup>	R	1
458	C>A	USA <sup>33</sup>	R	1
	C>T	China <sup>47</sup>	R	2
458 & 474	C>T & C>A	China <sup>48</sup>	R	1
460	A>G	Korea <sup>1</sup> , South Africa <sup>3,60</sup> , Russia <sup>4</sup> , China <sup>34</sup>	R <sup>1,3,4,34,60</sup>	5
461	G>C	Taiwan <sup>18</sup>	R	1
463	G>T	Korea <sup>20</sup>	R	1
	G>A	New Zealand <sup>45</sup> , Canada <sup>64</sup>	R <sup>45,64</sup>	3
464	T>G	Iran <sup>2</sup> , Korea <sup>6,12</sup> , Brazil <sup>11,17,49</sup> , Taiwan <sup>29</sup> , France <sup>37</sup> , Sweden <sup>38,57,61</sup> , Belgium <sup>43</sup> , Cuba <sup>56</sup>	R <sup>2,6,11,12,17,29,37,38,43,49,56,57,61</sup>	18
	T>C	Korea <sup>20</sup>	*R/S	1
	T insertion	Italy <sup>40</sup>	R	2
465	T insertion	Korea <sup>6</sup>	R	2
467	T>A	Japan <sup>46</sup>	R	1
470	T>G	Korea <sup>1</sup>	R	1
	T>C	Poland <sup>66</sup>	R	2
472	T>G	Thailand <sup>65</sup>	R	1
476	T>C	South Africa <sup>3,24</sup> , Portugal <sup>9</sup> , China <sup>34</sup>	R <sup>3,9,24,34</sup>	11
	T>G	Korea <sup>6,20</sup> , China <sup>31</sup>	R <sup>6,20,31</sup>	18
478	A>C	Iran <sup>2</sup> , Russia <sup>4</sup>	R <sup>2,4</sup>	3
479	C>A	Mexico <sup>26</sup> , Turkey <sup>27</sup>	R <sup>26,27</sup>	2
480	TGAC insertion	Korea <sup>6</sup>	R	1
481	G>C	Russia <sup>4</sup>	R	2
484	G>A	China <sup>63</sup>	R	1
484 & 494	9-bp deletion & 2-bp deletion	Japan <sup>16</sup>	R	1
485	G>A	Brazil <sup>17</sup> , Hong Kong <sup>28</sup> , China <sup>31</sup> , USA <sup>39</sup>	R <sup>17,28,31,39</sup>	5
	GT deletion	Korea <sup>20</sup>	R	1
486	T insertion	Poland <sup>66</sup>	R	1
	10-bp deletion	Japan <sup>46</sup>	R	1
487	10-bp deletion	Mexico <sup>26</sup>	R	1
488	T>C	India <sup>50</sup>	R	1
489	T insertion	Korea <sup>1</sup>	R	1
490	T>C	Brazil <sup>11,49</sup>	R <sup>11,49</sup>	2
	T deletion	Peru <sup>32</sup>	R	5
495	C insertion	Brazil <sup>11</sup>	R	1
497	1-bp insertion	Japan <sup>16</sup>	R	1
499	A>C	China <sup>47</sup>	R	1
501	CG insertion	China <sup>15</sup>	R	1
502	A>C	Korea <sup>20</sup> , China <sup>31</sup> , Netherlands <sup>41</sup> , Spain <sup>59</sup>	R <sup>20,31,41,59</sup>	6
503	C>A	USA <sup>12</sup>	R	1
511	G>A	Portugal <sup>9</sup> , Bangladesh <sup>10</sup> , USA <sup>33</sup>	R <sup>9,10,33</sup>	3
	G>C	India <sup>38</sup>	R	1
512	C>A	Korea <sup>1</sup> , Brazil <sup>17</sup> , China <sup>48</sup>	R <sup>1,17,48</sup>	5
	C>T	China <sup>63</sup> , Canada <sup>64</sup>	*R/S <sup>63</sup> , R <sup>64</sup>	3
	C deletion	Rwanda <sup>10</sup>	R	1
513	GC deletion	Korea <sup>7</sup>	R	1
514 &	C>G & T>C	Belgium <sup>10</sup>	R	2

515				
515	T>C	Korea <sup>6</sup> , Canada <sup>22</sup> , Brazil <sup>23</sup> , USA <sup>33,39</sup> , Sweden <sup>38,61</sup> , China <sup>48</sup> , Cuba <sup>56</sup> , South Africa <sup>60</sup>	R <sup>6,22,23,33,338,39,48,56,60,61</sup>	15
	T>G	Belgium <sup>43</sup> , Poland <sup>66</sup>	R <sup>43,66</sup>	5
	T deletion	South Africa <sup>3</sup>	R	1
516	G insertion	Netherlands <sup>41</sup>	R	1
520	G>T	Korea <sup>20</sup>	R	2
521	A>G	China <sup>31</sup>	R	1
	GG insertion	Thailand <sup>8</sup>	R	1
	T insertion	Peru <sup>32</sup>	R	1
523	A>G	Japan <sup>19</sup> , Brazil <sup>23</sup> , Belgium <sup>43</sup> , Poland <sup>66</sup>	R <sup>19,23,43,66</sup>	7
524	T>G	Korea <sup>20</sup>	R	1
	T>C	Sweden <sup>38,61</sup>	R <sup>38,61</sup>	2
525	G>A	China <sup>31</sup> , Belgium <sup>43</sup> , Brazil <sup>54</sup>	R <sup>31,54</sup> , *R/S <sup>43</sup>	4
529	A>C	Taiwan <sup>18</sup>	R	1
530	C deletion	Belgium <sup>43</sup>	R	2
531	6-bp deletion	Poland <sup>66</sup>	R	3
532	C insertion	Korea <sup>6</sup>	R	1
535	A>C	Iran <sup>2</sup> , South Africa <sup>24</sup>	R <sup>2,24</sup>	3
537	G>T	Latvia <sup>25</sup>	R	1
538	G>T	Korea <sup>6</sup> , China <sup>47</sup> , India <sup>50</sup> , Canada <sup>64</sup>	R <sup>6,47,50,64</sup>	5
542	A deletion	China <sup>34</sup>	R	1
543	G>T	South Africa <sup>24</sup>	R	1
545	T>C	France <sup>37</sup>	R	1
551	G>A	Taiwan <sup>18</sup>	R	1
554	G>C	South Africa <sup>24</sup>	R	8
559	T>G	India <sup>50</sup>	R	1
564	G>C	Brazil <sup>54</sup>	R	1
572	G>A	Iran <sup>2</sup>	R	1
573	A>C	Canada <sup>64</sup>	R	1
582	T deletion	South Africa <sup>3</sup>	R	1

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