| Sample number | rs10064525 | rs27072 | rs1042098 | rs6347 | rs10770140 | rs10770141 | rs3842727 | rs6356 | rs11575553 | rs12666409 | rs129882 | rs129915 | rs1611114 | rs5320 |
|---------------|------------|---------|-----------|-------|------------|------------|----------|-------|------------|------------|----------|----------|-----------|--------|
| 1             | T/T        | T/C     | A/A       | T/C   | T/T        | G/G        | T/T      | T/T   | G/G        | A/A        | T/C      | G/A      | T/T       | G/G    |
| 2             | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/A        | C/C      | G/A      | T/T       | G/G    |
| 3             | T/T        | T/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/A        | C/C      | G/A      | T/T       | G/G    |
| 4             | T/T        | T/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/A        | C/C      | G/A      | T/T       | G/G    |
| 5             | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/T        | C/C      | G/A      | T/T       | G/G    |
| 6             | T/T        | T/T     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/T        | A/C        | T/C      | G/A      | T/T       | G/G    |
| 7             | T/T        | C/C     | G/A       | T/C   | T/T        | G/A        | T/T      | T/T   | G/A        | T/T        | T/C      | A/C      | T/T       | G/G    |
| 8             | T/G        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | A/A        | C/C      | G/A      | T/T       | G/G    |
| 9             | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | A/A        | T/C      | G/A      | T/T       | G/G    |
| 10            | T/T        | C/C     | T/T       | T/T   | T/T        | G/A        | T/T      | T/T   | G/A        | T/T        | T/C      | A/C      | T/T       | G/G    |
| 11            | T/T        | C/C     | G/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | A/A        | T/C      | G/A      | T/T       | G/G    |
| 12            | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | A/A        | T/C      | G/A      | T/T       | G/G    |
| 13            | T/T        | T/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/T        | C/C      | G/A      | T/T       | G/G    |
| 14            | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/T        | T/C      | A/C      | T/T       | G/G    |
| 15            | T/T        | T/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/T        | T/C      | A/C      | T/T       | G/G    |
| 16            | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/T        | C/C        | G/A      | T/C      | G/A       | T/T    |
| 17            | T/T        | T/C     | A/A       | T/T   | T/C        | G/A        | T/T      | T/T   | G/A        | T/T        | C/C      | G/G      | T/T       | G/G    |
| 18            | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | A/A        | T/C      | G/A      | T/T       | G/G    |
| 19            | T/T        | C/C     | A/A       | T/T   | T/C        | G/A        | T/T      | T/T   | G/A        | A/A        | T/C      | G/A      | T/T       | G/G    |
| 20            | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | A/A        | T/T        | T/C      | A/A      | T/T       | G/G    |
| 21            | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | A/A        | T/T        | T/C      | A/A      | T/T       | G/G    |
| 22            | T/T        | T/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/T        | T/C      | A/C      | T/T       | G/G    |
| 23            | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | A/A        | T/C      | A/A      | T/T       | G/G    |
| 24            | T/G        | T/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/T        | T/C      | G/A      | C/C       | G/A    |
| 25            | T/T        | T/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/T        | T/C      | G/A      | C/C       | G/A    |
| 26            | T/G        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | A/A        | T/C      | A/A      | T/T       | G/G    |
| 27            | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | T/T        | A/A        | A/C      | G/A      | T/T       | G/G    |
| 28            | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | T/T        | A/A        | A/C      | G/A      | T/T       | G/G    |
| 29            | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/C        | G/A      | C/C      | G/A       | T/G    |
| 30            | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/T        | C/C      | G/G      | T/C       | G/G    |
| 31            | T/T        | T/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/C        | G/A      | T/T      | T/T       | G/G    |
| 32            | T/T        | T/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/T        | C/C      | G/G      | T/C       | G/G    |
| 33            | T/T        | C/C     | G/A       | T/C   | T/T        | G/G        | T/T      | T/T   | G/A        | T/T        | T/C      | G/A      | T/T       | G/G    |
| Sample number | rs10064525 | rs27072 | rs1042098 | rs6347 | rs10770140 | rs10770141 | rs3842727 | rs6356 | rs11575553 | rs12666409 | rs129882 | rs129915 | rs1611114 | rs5320 |
|---------------|------------|---------|-----------|--------|-------------|-------------|-----------|--------|-------------|-------------|-----------|-----------|-------------|--------|
| 34            | T/T        | C/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | G/G         | T/A         | T/T       | A/A       | T/C         | G/G    |
| 35            | T/T        | T/C     | A/A       | T/T    | T/T         | G/A         | T/G       | T/C    | G/G         | T/A         | T/T       | A/A       | T/C         | G/G    |
| 36            | T/T        | C/C     | A/A       | T/C    | T/T         | G/G         | T/G       | T/C    | G/G         | T/A         | T/T       | A/A       | T/C         | G/G    |
| 37            | T/T        | C/C     | G/A       | T/C    | T/T         | G/T         | T/T       | T/T    | G/A         | T/A         | T/C       | C/C       | G/G         | T/C    |
| 38            | T/T        | C/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | G/T         | T/T         | T/T       | A/A       | T/T         | G/G    |
| 39            | T/T        | C/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | G/A         | A/A         | T/C       | G/A       | T/C         | G/G    |
| 40            | T/T        | T/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | G/A         | A/A         | T/C       | G/A       | T/C         | G/G    |
| 41            | T/T        | C/C     | G/A       | T/C    | T/T         | G/G         | T/T       | T/T    | G/A         | A/A         | T/C       | G/A       | T/C         | G/G    |
| 42            | T/T        | T/C     | G/A       | T/C    | T/T         | G/G         | T/T       | T/T    | G/A         | A/A         | T/C       | G/A       | T/C         | G/G    |
| 43            | T/T        | T/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | G/A         | A/A         | C/C       | G/A       | T/C         | G/G    |
| 44            | T/T        | C/C     | A/A       | T/T    | T/T         | T/T         | G/G       | T/T    | A/A         | T/C         | A/C       | G/A       | T/C         | G/G    |
| 45            | T/T        | T/C     | G/A       | T/T    | T/C         | G/A         | T/T       | T/T    | G/A         | T/A         | T/C       | A/A       | C/C         | G/A    |
| 46            | T/T        | C/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/C    | G/A         | T/A         | T/C       | A/A       | C/C         | G/A    |
| 47            | T/T        | C/C     | A/A       | T/T    | T/T         | T/T         | G/G       | T/T    | A/A         | T/C         | T/T       | A/A       | T/C         | G/G    |
| 48            | T/T        | C/C     | G/A       | T/C    | C/C         | A/A         | G/G       | T/T    | G/A         | T/A         | C/C       | G/A       | T/C         | G/G    |
| 49            | T/T        | C/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | G/A         | T/A         | T/C       | A/A       | T/T         | G/G    |
| 50            | T/T        | C/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | G/A         | T/A         | T/C       | G/A       | T/T         | G/G    |
| 51            | T/T        | C/C     | C/A       | T/C    | T/T         | G/G         | T/T       | T/T    | G/A         | T/A         | C/C       | G/A       | T/C         | G/G    |
| 52            | T/T        | T/C     | G/A       | T/T    | T/T         | G/G         | T/T       | T/T    | G/A         | T/A         | T/C       | A/A       | T/T         | G/G    |
| 53            | T/T        | C/C     | G/A       | C/C    | T/C         | G/A         | T/T       | T/T    | G/A         | A/A         | T/T       | A/A       | T/T         | G/G    |
| 54            | T/T        | C/C     | A/A       | T/T    | T/T         | T/T         | G/G       | T/T    | G/A         | T/T         | C/C       | A/A       | T/C         | G/G    |
| 55            | T/T        | T/C     | A/A       | T/T    | T/C         | G/G         | T/T       | T/C    | G/A         | A/A         | C/C       | G/A       | T/T         | G/G    |
| 56            | T/T        | C/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | A/A         | T/C         | G/A       | T/C       | G/G         | G/G    |
| 57            | T/T        | C/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/C    | G/A         | T/A         | T/C       | A/A       | T/T         | G/G    |
| 58            | T/T        | T/C     | G/A       | T/C    | T/T         | G/G         | T/T       | T/C    | G/A         | T/T         | A/A       | T/A       | T/C         | G/G    |
| 59            | T/T        | T/C     | G/A       | T/C    | T/T         | G/G         | T/T       | T/C    | A/A         | T/T         | C/C       | G/A       | T/T         | G/G    |
| 60            | T/T        | T/C     | G/A       | T/C    | T/T         | G/G         | T/T       | T/C    | A/A         | T/C         | C/C       | G/G       | T/C         | G/G    |
| 61            | T/T        | C/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | G/A         | T/A         | T/C       | A/A       | T/T         | G/G    |
| 62            | T/T        | C/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | G/A         | T/A         | T/T       | A/A       | T/T         | G/G    |
| 63            | T/T        | T/T     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | A/A         | T/C         | A/C       | G/G       | T/C         | G/G    |
| 64            | T/T        | T/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | G/A         | T/C         | G/A       | T/C       | G/G         | G/G    |
| 65            | T/T        | T/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/C    | G/A         | T/C         | G/A       | T/C       | G/G         | G/G    |
| 66            | T/T        | C/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | G/A         | T/A         | C/C       | G/G       | C/A         | A/A    |
| Sample number | rs10064525 | rs27072 | rs1042098 | rs6347 | rs10770140 | rs10770141 | rs3842727 | rs6356 | rs11575553 | rs12666409 | rs129882 | rs129915 | rs1611114 | rs5320 |
|---------------|-------------|---------|-----------|--------|------------|------------|----------|--------|------------|------------|-----------|-----------|----------|--------|
| 67            | T/T         | C/C     | A/A       | T/T    | T/T        | G/G        | T/T      | T/C    | G/A        | T/A        | T/T       | A/A       | T/T      | G/G    |
| 68            | T/T         | C/C     | G/A       | T/C    | T/T        | G/G        | T/T      | T/C    | G/A        | T/A        | T/T       | A/A       | C/C      | G/A    |
| 69            | T/T         | C/C     | G/A       | T/C    | T/T        | G/G        | T/T      | T/T    | G/A        | T/A        | C/C       | G/A       | T/T      | G/A    |
| 70            | T/T         | C/C     | A/A       | T/C    | T/T        | G/G        | T/T      | T/T    | G/A        | T/C        | G/A       | T/T       | G/G      | G/G    |
| 71            | T/T         | C/C     | A/A       | T/T    | T/C        | G/A        | T/G      | T/C    | G/A        | T/T        | C/C       | G/G       | T/T      | G/G    |
| 72            | T/T         | T/C     | G/A       | T/C    | T/C        | G/A        | T/T      | T/T    | G/A        | T/A        | C/C       | G/A       | T/T      | G/G    |
| 73            | T/T         | T/C     | A/A       | T/T    | T/T        | G/G        | T/T      | T/T    | G/A        | T/C        | G/A       | T/T       | G/G      | G/G    |
| 74            | T/T         | T/C     | A/A       | T/T    | T/T        | G/G        | T/T      | T/T    | G/A        | T/C        | G/A       | T/G       | G/G      | G/G    |
| 75            | T/T         | T/C     | A/A       | T/T    | T/T        | G/G        | T/T      | T/T    | G/A        | T/T        | C/C       | G/G       | T/T      | G/G    |
| 76            | T/T         | T/C     | A/A       | T/T    | T/T        | G/G        | T/T      | T/T    | G/A        | T/C        | A/A       | C/C       | G/G      | T/G    |
| 77            | T/T         | T/C     | A/A       | T/T    | T/T        | G/G        | T/T      | T/T    | G/A        | T/C        | G/A       | T/T       | G/G      | G/G    |
| 78            | T/T         | T/C     | A/A       | T/T    | T/T        | G/G        | T/T      | T/T    | G/A        | T/T        | C/C       | G/G       | T/T      | G/G    |
| 79            | T/T         | C/C     | A/A       | T/T    | T/T        | G/G        | T/T      | T/T    | G/A        | T/C        | A/A       | C/C       | G/G      | G/G    |
| 80            | T/T         | T/C     | A/A       | T/T    | T/T        | G/G        | T/T      | T/T    | G/A        | T/T        | A/A       | C/C       | T/T      | G/G    |
| 81            | T/T         | T/C     | A/A       | T/C    | T/T        | G/G        | T/T      | T/T    | G/A        | T/T        | A/A       | C/C       | T/T      | G/G    |
| 82            | T/T         | C/C     | A/A       | T/T    | T/T        | G/G        | T/T      | T/T    | G/A        | T/C        | G/A       | T/T       | T/C      | G/G    |
| 83            | T/T         | T/C     | A/A       | T/C    | T/T        | G/G        | T/T      | T/T    | G/A        | T/T        | C/C       | G/A       | T/C      | G/G    |
| 84            | T/T         | T/C     | G/A       | T/C    | T/T        | G/G        | T/T      | T/T    | G/A        | T/T        | A/A       | C/C       | T/T      | G/G    |
| 85            | T/T         | T/C     | A/A       | T/T    | T/T        | G/G        | T/T      | T/T    | G/A        | T/T        | A/A       | C/C       | A/A      | A/A    |
| 86            | T/T         | C/C     | G/A       | T/C    | T/T        | G/G        | T/T      | T/T    | G/A        | T/A        | C/C       | G/A       | T/T      | G/G    |
| 87            | T/T         | C/C     | A/A       | T/T    | T/T        | G/G        | T/T      | T/T    | G/A        | T/C        | A/A       | C/C       | T/T      | G/G    |
| 88            | T/T         | T/C     | A/A       | T/T    | T/C        | G/A        | T/G      | T/T    | G/A        | T/T        | A/A       | C/C       | T/T      | G/G    |
| 89            | T/T         | T/C     | A/A       | T/T    | T/T        | G/G        | T/T      | T/T    | G/A        | T/C        | G/A       | T/T       | G/G      | G/G    |
| 90            | T/G         | T/C     | A/A       | T/T    | T/T        | G/G        | T/T      | T/T    | G/A        | T/A        | T/C       | G/A       | T/C      | G/G    |
| 91            | T/T         | T/C     | A/A       | T/T    | T/T        | G/G        | T/T      | T/T    | G/A        | T/C        | A/A       | T/C       | G/G      | G/G    |
| 92            | T/T         | T/C     | A/A       | T/T    | T/T        | G/G        | T/T      | T/T    | G/A        | T/C        | G/A       | T/T       | G/G      | G/G    |
| 93            | T/T         | T/C     | G/A       | T/C    | T/C        | G/G        | T/T      | T/T    | G/A        | T/C        | T/C       | G/A       | T/C      | G/G    |
| 94            | T/T         | C/C     | A/A       | T/T    | T/T        | G/G        | T/T      | T/T    | G/A        | T/T        | C/C       | G/A       | T/T      | G/G    |
| 95            | T/T         | C/C     | A/A       | T/T    | T/C        | G/A        | T/G      | T/C    | G/A        | T/A        | T/C       | A/A       | T/T      | G/G    |
| 96            | T/T         | C/C     | A/A       | T/T    | T/T        | G/G        | T/T      | T/T    | G/A        | T/A        | T/C       | A/A       | T/T      | G/G    |
| 97            | T/T         | T/C     | A/A       | T/T    | T/T        | G/G        | T/T      | T/T    | G/A        | T/C        | C/C       | G/G       | T/T      | G/G    |
| 98            | T/T         | C/C     | A/A       | T/T    | T/T        | G/G        | T/G      | T/C    | G/A        | T/A        | C/C       | A/A       | T/T      | G/G    |
| 99            | T/T         | C/C     | A/A       | T/T    | T/T        | G/G        | T/G      | T/T    | G/A        | T/T        | A/A       | T/C       | G/G      | G/G    |
| Sample number | rs10064525 | rs27072 | rs1042098 | rs6347 | rs10770140 | rs10770141 | rs3842727 | rs6356 | rs11575553 | rs12666409 | rs129882 | rs129915 | rs1611114 | rs5320 |
|---------------|------------|---------|-----------|--------|------------|------------|-----------|--------|------------|------------|----------|----------|-----------|--------|
| 100           | T/G        | T/C     | A/A       | T/T    | T/C        | G/A        | T/G       | T/C    | G/A        | T/A        | T/T      | A/A      | T/C       | G/A    |
| 101           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/G        | T/A        | C/C      | G/A      | T/T       | G/G    |
| 102           | T/T        | T/T     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/G        | T/A        | T/C      | G/A      | T/T       | G/G    |
| 103           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | T/T        | T/C      | G/A      | T/C       | G/G    |
| 104           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | C/C        | T/C        | A/A      | T/C      | G/G       | G/G    |
| 105           | T/T        | C/C     | G/A       | T/C    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C      | A/A      | T/T       | G/G    |
| 106           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C      | A/A      | T/T       | G/G    |
| 107           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | C/C        | T/C        | A/A      | T/C      | G/G       | G/G    |
| 108           | T/T        | T/C     | G/A       | T/C    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C      | A/A      | T/T       | G/G    |
| 109           | T/T        | T/T     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | C/C        | G/A        | T/A      | A/A      | T/T       | G/G    |
| 110           | T/T        | T/T     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | C/C        | G/A        | T/A      | A/A      | T/T       | G/G    |
| 111           | T/T        | C/C     | G/A       | T/C    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C      | A/A      | T/T       | G/G    |
| 112           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C      | A/A      | T/T       | G/G    |
| 113           | T/T        | T/T     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | T/T        | T/T        | A/A      | T/T      | G/G       | G/G    |
| 114           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | T/T        | G/A        | A/A      | C/C      | G/G       | G/G    |
| 115           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C      | A/A      | T/T       | G/G    |
| 116           | T/G        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | C/C      | G/G      | C/G       | G/G    |
| 117           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | C/C        | G/A        | T/A      | A/A      | C/G       | G/G    |
| 118           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C      | A/A      | T/G       | G/G    |
| 119           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C      | A/A      | T/T       | G/G    |
| 120           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C      | A/A      | C/G       | G/G    |
| 121           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | A/A      | C/C      | G/A       | T/G    |
| 122           | T/T        | C/C     | G/A       | T/C    | T/T        | G/G        | T/T       | T/T    | G/A        | T/T        | T/C      | A/A      | T/C       | G/G    |
| 123           | T/G        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | C/C      | A/A      | C/G       | G/G    |
| 124           | T/G        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C      | A/A      | C/G       | G/G    |
| 125           | T/T        | T/C     | A/A       | T/T    | T/C        | G/A        | T/G       | T/C    | G/G        | T/A        | T/T      | A/A      | T/C       | G/A    |
| 126           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/G        | T/A        | C/C      | G/G      | T/T       | G/G    |
| 127           | T/T        | T/C     | G/A       | T/C    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | C/C      | G/G      | C/G       | G/G    |
| 128           | T/G        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C      | G/G      | T/C       | G/G    |
| 129           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | C/C    | G/G        | T/T        | C/G      | G/G      | C/G       | G/G    |
| 130           | T/T        | C/C     | G/A       | T/C    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C      | G/G      | T/C       | G/G    |
| 131           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | A/A        | C/C      | G/A      | C/C       | A/A    |
| 132           | T/T        | T/C     | G/A       | T/C    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C      | A/A      | T/C       | G/G    |
| Sample number | rs10064525 | rs27072 | rs1042098 | rs6347 | rs10770140 | rs10770141 | rs3842727 | rs6356 | rs11575553 | rs12666409 | rs129882 | rs129915 | rs1611114 | rs5320 |
|--------------|------------|---------|-----------|-------|------------|------------|----------|-------|------------|------------|-----------|-----------|-----------|--------|
| 133          | T/T        | T/T     | A/A       | T/T   | T/T        | G/G        | T/T      | T/C   | G/G        | A/A        | T/C       | G/A       | T/C      | G/G    |
| 134          | T/T        | T/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/G        | T/A        | T/T       | G/A       | T/C      | G/G    |
| 135          | T/T        | T/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/T        | C/C       | G/A       | T/C      | G/G    |
| 136          | T/T        | T/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/T        | C/C       | G/A       | T/C      | G/G    |
| 137          | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/C        | C/C       | G/G       | T/C      | G/G    |
| 138          | T/T        | T/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/C        | C/C       | G/G       | T/C      | G/G    |
| 139          | T/T        | T/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/T        | C/C       | G/G       | T/C      | G/G    |
| 140          | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/C        | C/C       | G/G       | T/C      | G/G    |
| 141          | T/T        | T/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/C        | C/C       | G/G       | T/C      | G/G    |
| 142          | T/T        | T/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/T        | C/C       | G/G       | T/C      | G/G    |
| 143          | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/C        | C/C       | G/G       | T/C      | G/G    |
| 144          | T/T        | T/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/C        | C/C       | G/G       | T/C      | G/G    |
| 145          | T/T        | T/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/T        | C/C       | G/G       | T/C      | G/G    |
| 146          | T/T        | T/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/T        | C/C       | G/G       | T/C      | G/G    |
| 147          | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/C        | C/C       | G/G       | T/C      | G/G    |
| 148          | T/T        | T/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/T        | C/C       | G/G       | T/C      | G/G    |
| 149          | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/C        | C/C       | G/G       | T/C      | G/G    |
| 150          | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/C        | C/C       | G/G       | T/C      | G/G    |
| 151          | T/T        | T/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/C        | C/C       | G/G       | T/C      | G/G    |
| 152          | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/C        | C/C       | G/G       | T/C      | G/G    |
| 153          | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/C        | C/C       | G/G       | T/C      | G/G    |
| 154          | T/T        | C/C     | G/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/C        | C/C       | G/G       | T/C      | G/G    |
| 155          | T/T        | T/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/C        | C/C       | G/G       | T/C      | G/G    |
| 156          | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | A/A        | T/T        | C/C       | G/G       | T/C      | G/G    |
| 157          | T/T        | C/C     | G/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/C        | C/C       | G/G       | T/C      | G/G    |
| 158          | T/T        | T/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/C        | C/C       | G/G       | T/C      | G/G    |
| 159          | T/T        | T/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/C        | C/C       | G/G       | T/C      | G/G    |
| 160          | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/C        | C/C       | G/G       | T/C      | G/G    |
| 161          | T/T        | T/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/C        | C/C       | G/G       | T/C      | G/G    |
| 162          | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/C        | C/C       | G/G       | T/C      | G/G    |
| 163          | T/T        | T/C     | G/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/C        | C/C       | G/G       | T/C      | G/G    |
| 164          | T/T        | T/T     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/C        | C/C       | G/G       | T/C      | G/G    |
| 165          | T/T        | T/C     | A/A       | T/T   | T/T        | G/G        | T/T      | T/T   | G/A        | T/C        | C/C       | G/G       | T/C      | G/G    |
| Sample number | rs10064525 | rs27072 | rs1042098 | rs6347 | rs10770140 | rs10770141 | rs3842727 | rs6356 | rs11575553 | rs12666409 | rs129882 | rs129915 | rs1611114 | rs5320 |
|---------------|------------|---------|-----------|--------|------------|------------|-----------|--------|------------|------------|-----------|-----------|------------|--------|
| 166           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/G        | T/A        | T/C       | A/A       | T/T        | G/G    |
| 167           | T/T        | C/C     | A/A       | T/C    | T/T        | G/G        | T/T       | T/T    | G/T        | T/A        | T/C       | A/A       | T/T        | G/G    |
| 168           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | A/A        | T/C        | T/C       | A/A       | T/T        | G/G    |
| 169           | T/T        | T/C     | A/A       | T/T    | T/T        | G/T        | T/T       | T/T    | A/A        | T/C        | T/C       | A/A       | T/T        | G/G    |
| 170           | T/T        | T/C     | A/A       | T/T    | C/C        | A/A       | T/T       | T/C    | G/G        | T/A        | T/C       | A/A       | T/T        | G/G    |
| 171           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/G        | T/A        | T/C       | A/A       | T/T        | G/G    |
| 172           | T/T        | T/C     | A/A       | T/T    | T/T        | G/T        | T/T       | T/T    | A/A        | T/C        | T/C       | A/A       | T/T        | G/G    |
| 173           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | A/A        | T/C        | T/C       | A/A       | T/T        | G/G    |
| 174           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | A/A        | T/C        | T/C       | A/A       | T/T        | G/G    |
| 175           | T/T        | C/C     | G/A       | T/T    | T/T        | G/T        | T/T       | T/T    | A/A        | T/C        | T/C       | A/A       | T/T        | G/G    |
| 176           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | A/A        | T/C        | T/C       | A/A       | T/T        | G/G    |
| 177           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | A/A        | T/C        | T/C       | A/A       | T/T        | G/G    |
| 178           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | A/A        | T/C        | T/C       | A/A       | T/T        | G/G    |
| 179           | T/T        | T/C     | A/A       | T/T    | T/T        | G/T        | T/T       | T/T    | A/A        | T/C        | T/C       | A/A       | T/T        | G/G    |
| 180           | T/T        | T/T     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | T/C        | T/C       | A/A       | T/T        | G/G    |
| 181           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | A/A        | T/C        | T/C       | A/A       | T/T        | G/G    |
| 182           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | T/C        | T/C       | A/A       | T/T        | G/G    |
| 183           | T/T        | T/C     | A/A       | T/T    | T/C        | G/G        | T/T       | T/C    | A/A        | T/C        | T/C       | A/A       | T/T        | G/G    |
| 184           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | T/C        | T/C       | A/A       | T/T        | G/G    |
| 185           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | T/C        | T/C       | A/A       | T/T        | G/G    |
| 186           | T/T        | C/C     | A/A       | T/T    | T/T        | G/T        | T/T       | T/C    | A/A        | T/C        | T/C       | A/A       | T/T        | G/G    |
| 187           | T/G        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | T/C        | T/C       | A/A       | T/T        | G/G    |
| 188           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | T/C        | T/C       | A/A       | T/T        | G/G    |
| 189           | T/G        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | T/C        | T/C       | A/A       | T/T        | G/G    |
| 190           | T/T        | C/C     | A/A       | T/T    | T/C        | G/G        | T/T       | T/T    | A/A        | T/C        | T/C       | A/A       | T/T        | G/G    |
| 191           | T/G        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | T/C        | T/C       | A/A       | T/T        | G/G    |
| 192           | T/G        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | T/C        | T/C       | A/A       | T/T        | G/G    |
| 193           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | T/C        | T/C       | A/A       | T/T        | G/G    |
| 194           | T/T        | C/C     | G/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | T/C        | T/C       | A/A       | T/T        | G/G    |
| 195           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | T/C        | T/C       | A/A       | T/T        | G/G    |
| 196           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | T/C        | T/C       | A/A       | T/T        | G/G    |
| 197           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | T/C        | T/C       | A/A       | T/T        | G/G    |
| 198           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | T/C        | T/C       | A/A       | T/T        | G/G    |
| Sample number | rs10064525 | rs27072 | rs1042098 | rs6347 | rs10770140 | rs10770141 | rs3842727 | rs6356 | rs11575553 | rs12666409 | rs129882 | rs129915 | rs1611114 | rs5320 |
|---------------|------------|---------|-----------|-------|------------|------------|-----------|-------|------------|------------|----------|----------|-----------|--------|
| 199           | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T       | T/T   | G/G        | T/T        | T/C     | G/A      | T/C       | G/G    |
| 200           | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T       | T/T   | G/A        | T/A        | T/C     | G/A      | T/T       | G/G    |
| 201           | T/T        | T/C     | A/A       | T/T   | T/C        | G/A        | T/G       | C/C   | A/A        | T/A        | T/C     | A/A      | T/T       | G/G    |
| 202           | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T       | T/T   | G/A        | T/A        | T/C     | G/A      | T/C       | G/G    |
| 203           | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T       | T/T   | G/A        | T/C        | C/C     | G/G      | T/C       | G/G    |
| 204           | T/T        | T/T     | A/A       | T/T   | T/C        | G/A        | T/G       | T/C   | G/G        | T/A        | T/C     | A/A      | T/T       | G/G    |
| 205           | T/T        | C/C     | G/A       | T/C   | T/T        | G/G        | T/T       | T/T   | G/A        | T/C        | G/A     | C/C      | G/G       | G/G    |
| 206           | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T       | T/T   | G/A        | T/C        | T/C     | G/A      | T/C       | G/G    |
| 207           | T/T        | T/C     | A/A       | T/T   | T/C        | G/A        | T/G       | T/C   | G/G        | T/A        | T/C     | A/A      | T/T       | G/G    |
| 208           | T/T        | T/C     | G/A       | T/T   | T/T        | G/G        | T/T       | T/T   | G/A        | T/C        | C/C     | G/A      | C/C       | G/G    |
| 209           | T/T        | T/T     | A/A       | T/T   | T/T        | G/G        | T/T       | T/T   | G/A        | T/C        | T/C     | G/A      | T/C       | G/G    |
| 210           | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T       | T/T   | G/A        | T/C        | A/A     | G/A      | T/C       | G/G    |
| 211           | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T       | T/T   | G/A        | T/C        | C/C     | G/G      | T/C       | G/G    |
| 212           | T/T        | C/C     | G/A       | T/T   | T/T        | G/G        | T/T       | T/T   | G/A        | T/C        | T/C     | G/A      | T/C       | G/G    |
| 213           | T/T        | T/C     | G/A       | T/C   | T/T        | G/G        | T/T       | T/T   | A/A        | T/T        | C/C     | G/A      | T/C       | G/G    |
| 214           | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T       | T/T   | A/A        | T/T        | C/C     | G/A      | T/T       | G/G    |
| 215           | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T       | T/C   | G/A        | T/T        | T/T     | A/A      | T/C       | G/G    |
| 216           | T/T        | T/C     | A/A       | T/T   | T/T        | G/G        | T/T       | T/C   | G/A        | T/A        | T/T     | A/A      | T/T       | G/G    |
| 217           | T/T        | C/C     | G/A       | T/T   | T/T        | G/G        | T/T       | T/C   | G/A        | T/A        | C/C     | G/G      | C/C       | G/G    |
| 218           | T/T        | T/T     | A/A       | T/T   | T/T        | G/G        | T/T       | T/T   | G/A        | A/A        | T/T     | A/A      | T/T       | G/G    |
| 219           | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T       | T/C   | G/A        | T/A        | T/C     | A/A      | C/C       | G/A    |
| 220           | T/T        | T/T     | A/A       | T/T   | T/T        | G/G        | T/T       | T/T   | G/A        | T/A        | T/C     | A/A      | C/G       | T/G    |
| 221           | T/T        | C/C     | G/A       | T/T   | T/T        | G/G        | T/T       | T/C   | G/A        | T/T        | T/C     | G/A      | T/C       | G/G    |
| 222           | T/T        | T/C     | A/A       | T/T   | T/T        | G/G        | T/T       | T/C   | G/A        | T/T        | T/C     | C/C      | A/A       | T/C    |
| 223           | T/T        | T/C     | A/A       | T/T   | T/T        | G/G        | T/T       | T/C   | G/A        | T/T        | A/A     | T/C      | G/G       | C/G    |
| 224           | T/T        | T/C     | G/A       | T/T   | T/T        | G/G        | T/T       | T/C   | G/A        | T/T        | C/C     | G/A      | T/C       | G/G    |
| 225           | T/T        | T/C     | G/A       | T/T   | T/T        | G/G        | T/T       | T/C   | G/A        | T/A        | C/C     | A/A      | T/C       | G/A    |
| 226           | T/T        | T/C     | A/A       | T/T   | T/T        | G/G        | T/T       | T/C   | G/A        | T/A        | T/C     | A/A      | C/C       | G/G    |
| 227           | T/T        | C/C     | G/A       | T/T   | T/T        | G/G        | T/T       | T/C   | G/A        | T/T        | C/C     | A/A      | T/T       | G/G    |
| 228           | T/T        | T/C     | A/A       | T/T   | T/T        | G/G        | T/T       | T/C   | G/A        | T/T        | T/A     | A/A      | T/T       | G/G    |
| 229           | T/T        | C/C     | A/A       | T/T   | T/T        | G/G        | T/T       | T/C   | G/A        | T/T        | A/A     | T/A      | T/C       | G/G    |
| 230           | T/T        | T/C     | A/A       | T/T   | T/T        | G/G        | T/T       | T/C   | A/A        | T/A        | T/T     | A/A      | T/T       | G/G    |
| 231           | T/T        | T/C     | A/A       | T/T   | T/T        | G/G        | T/T       | T/T   | A/A        | T/A        | T/T     | A/A      | T/T       | G/G    |
| Sample number | rs10064525 | rs27072 | rs1042098 | rs6347 | rs10770140 | rs10770141 | rs3842727 | rs6356 | rs11575553 | rs12666409 | rs129882 | rs129915 | rs1611114 | rs5320 |
|---------------|------------|--------|-----------|-------|------------|------------|-----------|-------|------------|------------|----------|----------|-----------|--------|
| 232           | T/T        | C/C    | A/A       | T/T   | T/T        | G/G        | T/T       | T/T   | G/G        | A/A        | C/C      | G/A      | T/C       | G/G    |
| 233           | T/T        | C/C    | A/A       | T/T   | T/T        | G/G        | T/T       | T/T   | G/A        | T/T        | A/A      | C/C      | G/A       | T/G    |
| 234           | T/T        | C/C    | G/A       | T/C   | T/T        | G/G        | T/T       | T/T   | G/G        | A/A        | C/C      | G/A      | T/T       | G/G    |
| 235           | T/T        | C/C    | A/A       | T/T   | T/T        | G/G        | T/T       | T/T   | G/A        | T/T        | A/A      | T/C      | G/G       | T/G    |
| 236           | T/T        | T/C    | A/A       | T/T   | T/T        | G/G        | T/T       | T/T   | G/G        | T/A        | C/C      | A/A      | T/T       | G/G    |
| 237           | T/G        | T/C    | A/A       | T/T   | T/T        | G/G        | T/T       | T/T   | G/G        | T/A        | C/C      | A/A      | T/T       | G/G    |
| 238           | T/G        | T/C    | A/A       | T/T   | T/T        | G/G        | T/T       | T/T   | G/A        | T/T        | A/A      | T/C      | G/G       | T/G    |
| 239           | T/G        | T/C    | G/A       | T/C   | T/T        | G/G        | T/T       | T/T   | G/G        | T/A        | C/C      | G/A      | C/C       | A/A    |
| 240           | T/T        | C/C    | A/A       | T/T   | T/C        | G/A        | T/G       | T/C   | G/G        | A/A        | C/C      | G/A      | T/T       | G/G    |
| 241           | T/G        | T/C    | A/A       | T/T   | T/T        | G/G        | T/T       | T/T   | G/A        | T/A        | C/C      | G/A      | T/C       | G/A    |
| 242           | T/T        | T/C    | A/A       | T/T   | T/C        | G/G        | T/T       | T/T   | T/C        | G/G        | T/T      | A/C      | G/G       | T/G    |
| 243           | T/T        | C/C    | A/A       | T/T   | T/C        | G/G        | T/T       | T/T   | G/G        | T/A        | C/C      | A/A      | T/T       | G/A    |
| 244           | T/T        | C/C    | G/A       | T/C   | T/T        | G/G        | T/T       | T/T   | G/G        | T/A        | C/C      | A/A      | T/C       | G/A    |
| 245           | T/T        | T/C    | G/A       | T/C   | T/T        | G/G        | T/T       | T/T   | G/A        | T/A        | T/C      | G/A      | T/T       | G/G    |
| 246           | T/T        | T/C    | A/A       | T/T   | T/T        | G/G        | T/T       | T/T   | G/A        | T/A        | T/C      | G/A      | T/T       | G/G    |
| 247           | T/T        | C/C    | A/A       | T/T   | T/T        | G/G        | T/T       | T/T   | G/G        | T/A        | C/C      | G/A      | T/C       | G/G    |
| 248           | T/T        | T/C    | A/A       | T/T   | T/T        | G/G        | T/T       | T/C   | G/G        | T/A        | C/C      | G/A      | T/T       | G/G    |
| 249           | T/T        | C/C    | A/A       | T/T   | T/T        | G/G        | T/T       | T/T   | G/A        | T/A        | T/C      | G/A      | T/T       | G/G    |
| 250           | T/T        | T/C    | A/A       | T/C   | T/T        | G/G        | T/T       | T/T   | A/A        | T/T        | C/C      | G/G      | T/T       | G/G    |
| 251           | T/T        | T/C    | A/A       | T/C   | T/T        | G/G        | T/T       | T/T   | T/C        | G/A        | C/C      | G/A      | T/C       | G/A    |
| 252           | T/T        | T/C    | A/A       | T/C   | T/T        | G/G        | T/T       | T/T   | T/C        | G/A        | C/C      | A/A      | T/C       | G/G    |
| 253           | T/T        | C/C    | A/A       | T/T   | T/C        | G/G        | T/T       | T/C   | G/G        | T/A        | T/C      | G/A      | T/T       | G/G    |
| 254           | T/T        | C/C    | A/A       | T/T   | T/T        | G/G        | T/T       | T/C   | G/G        | A/A        | C/C      | G/A      | T/C       | G/A    |
| 255           | T/T        | T/C    | A/A       | T/T   | T/T        | G/G        | T/T       | T/C   | G/G        | A/A        | T/T      | A/A      | T/T       | G/G    |
| 256           | T/T        | T/C    | A/A       | T/T   | T/T        | G/G        | T/T       | T/T   | G/G        | T/A        | T/T      | A/A      | T/T       | G/G    |
| 257           | T/T        | C/C    | A/A       | T/T   | T/T        | G/G        | T/T       | T/C   | G/G        | T/A        | T/C      | G/A      | T/T       | G/G    |
| 258           | T/T        | C/C    | A/A       | T/T   | T/T        | G/G        | T/T       | T/C   | G/A        | T/T        | T/C      | G/A      | T/C       | G/G    |
| 259           | T/G        | T/T    | A/A       | T/T   | T/T        | G/G        | T/T       | T/T   | G/G        | A/A        | T/T      | A/A      | T/T       | G/G    |
| 260           | T/T        | C/C    | A/A       | T/T   | T/T        | G/G        | T/T       | T/T   | G/G        | T/T        | C/C      | G/A      | T/C       | G/G    |
| 261           | T/T        | T/C    | A/A       | T/T   | T/T        | G/G        | T/T       | T/T   | G/G        | T/A        | T/C      | A/A      | T/C       | G/A    |
| 262           | T/T        | C/C    | A/A       | T/T   | T/T        | G/G        | T/T       | T/C   | G/G        | A/A        | C/C      | G/G      | T/C       | G/G    |
| 263           | T/T        | C/C    | A/A       | T/T   | T/T        | G/G        | T/T       | T/T   | G/G        | T/A        | C/C      | G/G      | T/C       | G/G    |
| 264           | T/T        | C/C    | A/A       | T/T   | T/T        | G/G        | T/T       | T/T   | G/G        | T/A        | C/C      | G/G      | C/C       | G/G    |
| Sample number | rs10064525 | rs27072 | rs1042098 | rs6347 | rs10770140 | rs10770141 | rs3842727 | rs6356 | rs11575553 | rs12666409 | rs129882 | rs129915 | rs1611114 | rs5320 |
|---------------|-------------|---------|-----------|--------|-------------|-------------|-----------|--------|-------------|-------------|-----------|-----------|------------|--------|
| 265           | T/T         | C/C     | G/G       | T/T    | T/T         | G/G         | T/T       | T/C    | G/G         | A/A         | C/C       | G/A       | C/C        | T/C   |
| 266           | T/T         | T/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | G/G         | A/A         | C/C       | G/A       | T/C        | G/A   |
| 267           | T/T         | T/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | G/A         | T/A         | C/C       | G/A       | T/C        | G/A   |
| 268           | T/T         | C/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | G/A         | T/A         | C/C       | G/A       | T/C        | G/G   |
| 269           | T/T         | T/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/C    | G/G         | T/T         | C/C       | A/A       | T/T        | G/G   |
| 270           | T/G         | T/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | G/A         | T/A         | C/C       | G/A       | T/C        | G/A   |
| 271           | T/T         | C/C     | G/A       | C/C    | T/T         | G/G         | T/T       | T/T    | G/A         | T/A         | C/C       | G/A       | T/C        | G/A   |
| 272           | T/G         | T/T     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | G/A         | T/T         | C/C       | G/G       | C/G        | G/A   |
| 273           | T/T         | T/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | A/C         | G/A         | T/C       | G/A       | T/T        | G/G   |
| 274           | T/T         | T/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | G/A         | T/A         | T/C       | G/A       | T/C        | G/G   |
| 275           | T/T         | C/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | A/A         | C/C         | G/A       | T/T       | G/G        | G/G   |
| 276           | T/T         | T/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | A/C         | G/A         | T/C       | G/A       | T/T        | G/G   |
| 277           | T/T         | C/C     | G/G       | C/C    | T/T         | G/A         | T/T       | T/T    | G/A         | T/A         | T/C       | G/A       | T/C        | G/A   |
| 278           | T/T         | C/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | A/A         | C/C         | G/G       | T/T       | G/G        | G/G   |
| 279           | T/T         | T/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | G/A         | T/A         | T/C       | G/A       | T/C        | G/G   |
| 280           | T/T         | T/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | A/A         | T/T         | T/C       | A/A       | T/C        | G/G   |
| 281           | T/G         | T/C     | A/A       | T/T    | T/C         | G/A         | T/G       | C/C    | G/G         | T/A         | T/C       | A/A       | T/C        | G/A   |
| 282           | T/T         | C/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | A/A         | C/C         | G/G       | T/C       | G/A        | G/G   |
| 283           | T/T         | T/C     | A/A       | T/T    | T/C         | G/A         | T/T       | T/C    | A/A         | T/T         | C/C       | G/G       | T/T        | G/G   |
| 284           | T/T         | C/C     | G/A       | T/C    | T/T         | G/G         | T/T       | T/T    | A/A         | T/C         | G/A       | T/C       | G/G        | G/G   |
| 285           | T/T         | T/C     | G/A       | T/T    | T/T         | G/G         | T/T       | T/T    | A/A         | C/C         | G/A       | T/T       | G/G        | G/G   |
| 286           | T/T         | T/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | A/A         | T/C         | A/A       | T/C       | G/G        | G/G   |
| 287           | T/T         | C/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | T/C         | A/A         | T/T       | G/G       | G/G        | G/G   |
| 288           | T/T         | C/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | A/A         | C/C         | G/A       | T/T       | G/G        | G/G   |
| 289           | T/T         | C/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | G/A         | T/C         | C/C       | G/G       | T/C        | G/G   |
| 290           | T/T         | T/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | G/A         | T/T         | T/C       | G/A       | T/C        | G/A   |
| 291           | T/T         | T/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | G/A         | T/T         | C/C       | G/G       | T/C        | G/G   |
| 292           | T/T         | T/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/C    | G/T         | T/C         | A/A       | T/T       | G/G        | G/G   |
| 293           | T/T         | C/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | G/A         | A/A         | C/C       | G/G       | T/C        | G/G   |
| 294           | T/T         | T/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | G/T         | T/C         | C/C       | G/G       | T/T        | G/G   |
| 295           | G/G         | C/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | G/A         | T/A         | C/C       | G/A       | T/C        | G/G   |
| 296           | T/G         | C/C     | A/A       | T/T    | T/T         | G/G         | T/T       | T/T    | A/A         | T/C         | G/A       | T/T       | G/G        | G/G   |
| 297           | T/T         | C/C     | G/A       | T/T    | T/T         | G/G         | T/T       | T/T    | T/A         | T/C         | A/A       | T/T       | G/G        | G/G   |
| Sample number | rs10064525 | rs27072 | rs1042098 | rs6347 | rs10770140 | rs10770141 | rs3842727 | rs6356 | rs11575553 | rs12666409 | rs129882 | rs129915 | rs16111114 | rs5320 |
|---------------|------------|---------|-----------|--------|------------|------------|------------|--------|------------|------------|-----------|-----------|------------|---------|
| 298           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T        | T/C    | G/G        | T/A        | C/C       | G/A       | T/T        | G/G     |
| 299           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T        | T/T    | G/G        | T/A        | C/C       | G/A       | T/T        | G/G     |
| 300           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T        | T/T    | G/G        | T/A        | C/C       | G/A       | T/C        | G/A     |
| 301           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T        | T/T    | G/G        | T/A        | C/C       | G/A       | T/C        | G/A     |
| 302           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T        | T/T    | G/G        | A/A        | T/C       | A/A       | T/T        | G/G     |
| 303           | T/T        | C/C     | A/A       | T/C    | T/T        | G/G        | T/T        | T/T    | C/C        | G/G        | T/A       | C/G       | T/C        | G/A     |
| 304           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | T/A        | T/T       | A/A       | T/T        | G/G     |
| 305           | T/T        | C/C     | G/A       | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | T/A        | C/C       | A/A       | T/C        | G/G     |
| 306           | T/T        | C/C     | G/A       | T/C    | T/C        | G/A        | T/T        | C/C    | G/G        | T/A        | C/A       | A/A       | T/C        | G/G     |
| 307           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | T/T        | T/C       | A/A       | T/T        | G/G     |
| 308           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T        | T/T    | A/A        | C/C        | A/C       | C/C       | A/C        | A/A     |
| 309           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | T/A        | C/C       | A/A       | T/T        | G/G     |
| 310           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | T/A        | T/C       | A/A       | T/T        | G/G     |
| 311           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | T/A        | C/C       | A/A       | T/T        | G/G     |
| 312           | T/T        | C/C     | A/A       | T/C    | T/T        | G/G        | T/T        | T/T    | G/A        | T/A        | T/T       | A/A       | T/T        | G/G     |
| 313           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | T/A        | T/C       | A/A       | T/C        | G/A     |
| 314           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | T/A        | C/C       | A/A       | C/C        | A/A     |
| 315           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | T/A        | C/C       | A/A       | T/C        | G/G     |
| 316           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T        | C/C    | G/A        | T/A        | T/T       | A/A       | T/C        | G/G     |
| 317           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | T/A        | C/C       | A/A       | T/T        | G/G     |
| 318           | T/T        | C/C     | A/A       | T/C    | T/T        | G/G        | T/T        | T/T    | G/A        | T/A        | C/C       | A/A       | T/T        | G/G     |
| 319           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T        | T/T    | G/T        | T/C        | A/A       | T/T        | G/G        | G/G     |
| 320           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | T/A        | C/C       | G/G       | T/C        | G/G     |
| 321           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | T/A        | C/C       | G/G       | T/C        | G/G     |
| 322           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | T/A        | C/C       | G/G       | T/C        | G/G     |
| 323           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | T/A        | T/C       | G/A       | T/T        | G/G     |
| 324           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | T/A        | C/C       | G/G       | T/C        | G/G     |
| 325           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T        | T/T    | G/T        | T/C        | A/A       | G/A       | T/C        | G/G     |
| 326           | T/T        | C/C     | G/A       | T/C    | T/T        | G/G        | T/T        | T/T    | G/A        | T/A        | T/C       | G/A       | T/T        | G/G     |
| 327           | T/T        | C/C     | G/A       | T/C    | T/T        | G/G        | T/T        | T/T    | G/A        | T/A        | T/C       | G/A       | T/T        | G/G     |
| 328           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | T/A        | T/C       | G/A       | T/T        | G/G     |
| 329           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | T/A        | T/C       | G/A       | T/T        | G/G     |
| 330           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | T/A        | T/C       | A/A       | T/T        | G/G     |
| Sample number | rs10064525 | rs27072 | rs1042098 | rs6347 | rs10770140 | rs10770141 | rs3842727 | rs6356 | rs11575553 | rs12666409 | rs129882 | rs129915 | rs16111114 | rs5320 |
|---------------|------------|---------|-----------|--------|------------|------------|-----------|--------|------------|------------|---------|---------|------------|--------|
| 331           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/G        | T/T        | T/C     | A/A     | T/T        | G/G    |
| 332           | T/T        | T/C     | G/A       | T/C    | T/T        | G/G        | T/T       | T/T    | G/G        | A/A        | C/C     | G/A     | C/C        | A/A    |
| 333           | T/G        | C/C     | G/A       | T/C    | G/A        | C/C        | G/G       | A/A    | T/C        | G/A        | T/C     | G/G     |
| 334           | T/T        | T/C     | A/A       | T/T    | T/C        | G/G        | T/T       | T/C    | A/A        | T/T        | G/G     |
| 335           | T/T        | T/C     | A/A       | T/T    | T/C        | G/G        | T/T       | T/C    | A/A        | T/T        | G/G     |
| 336           | T/G        | C/C     | A/A       | T/T    | T/G        | T/T        | G/G       | T/A    | C/C        | G/A        | T/T     | G/G     |
| 337           | T/T        | C/C     | G/G       | T/C    | T/T        | G/G        | T/T       | T/C    | G/G        | T/G        | A/A     | C/C     | G/G        |
| 338           | T/T        | C/C     | A/A       | T/T    | T/C        | G/G        | T/T       | T/C    | A/A        | T/T        | G/G     |
| 339           | T/T        | C/C     | A/A       | T/T    | T/G        | T/T        | G/G       | T/A    | C/C        | G/A        | T/C     |
| 340           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | T/T        | C/C     | G/G     |
| 341           | T/T        | T/C     | A/A       | T/T    | T/C        | G/G        | T/T       | C/C    | G/G        | T/C        | G/G     |
| 342           | T/T        | C/C     | A/A       | T/T    | T/G        | T/T        | G/G       | T/A    | T/A        | T/T        | G/G     |
| 343           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | T/T        | G/G     |
| 344           | T/T        | C/C     | A/A       | T/T    | T/C        | G/G        | T/T       | C/C    | G/A        | T/T        | G/G     |
| 345           | T/T        | C/C     | A/A       | T/T    | T/C        | G/G        | T/T       | T/C    | A/A        | T/T        | G/G     |
| 346           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | T/T        | G/G     |
| 347           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | C/C        | G/G     |
| 348           | T/T        | C/C     | A/A       | T/T    | T/G        | T/T        | G/T       | C/C    | G/A        | T/C        | G/G     |
| 349           | T/T        | C/C     | A/A       | T/T    | T/G        | T/T        | C/G       | T/C    | A/A        | T/T        | G/G     |
| 350           | T/T        | T/C     | A/A       | T/T    | T/C        | G/G        | T/C       | A/A    | T/C        | G/G        | T/T     |
| 351           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | T/T        | G/G     |
| 352           | T/T        | T/C     | A/A       | T/T    | T/C        | G/G        | T/T       | C/C    | A/A        | T/T        | G/G     |
| 353           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | T/T        | G/G     |
| 354           | T/T        | C/C     | A/A       | T/T    | T/G        | T/T        | A/A       | T/T    | C/C        | G/A        | T/C     |
| 355           | T/T        | C/C     | A/A       | T/T    | T/C        | G/G        | T/T       | T/C    | A/A        | T/T        | G/G     |
| 356           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | C/C        | G/G     |
| 357           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | A/A    | C/C        | G/G        | T/T     |
| 358           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | A/A    | T/T        | A/T        | G/G     |
| 359           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | C/C    | A/A        | T/T        | G/G     |
| 360           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | T/T        | G/G     |
| 361           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | A/A    | C/C        | G/G        | T/T     |
| 362           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | T/T        | G/G     |
| 363           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | T/T        | G/G     |

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| Sample number | rs10064525 | rs27072 | rs1042098 | rs6347 | rs10770140 | rs10770141 | rs3842727 | rs6356 | rs11575553 | rs12666409 | rs129882 | rs129915 | rs1611114 | rs5320 |
|---------------|------------|---------|-----------|--------|------------|------------|-----------|--------|------------|------------|----------|----------|------------|--------|
| 364           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | T/T        | G/A      | T/C      | G/A        | T/G    |
| 365           | T/G        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/T        | G/A      | T/C      | G/G        | T/T    |
| 366           | T/T        | C/C     | A/A       | T/C    | T/T        | G/G        | T/T       | T/T    | G/G        | T/A        | C/C      | A/A      | T/C        | G/G    |
| 367           | T/T        | T/T     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/C        | G/A      | T/T      | G/G        | T/G    |
| 368           | T/T        | C/C     | A/A       | T/T    | T/C        | G/G        | T/T       | T/C    | G/A        | T/T        | C/C      | A/A      | T/C        | G/A    |
| 369           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/C        | G/A      | T/C      | G/A        | T/G    |
| 370           | T/T        | T/T     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/C        | G/A      | T/C      | G/A        | T/G    |
| 371           | T/T        | C/C     | A/A       | T/T    | T/C        | G/G        | T/T       | T/T    | G/A        | T/C        | C/C      | A/A      | T/C        | G/A    |
| 372           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/C        | C/C      | A/A      | T/C        | G/A    |
| 373           | T/T        | C/C     | A/A       | T/C    | T/T        | G/G        | T/T       | T/T    | G/A        | T/T        | T/C      | G/A      | T/C        | G/G    |
| 374           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/C        | C/C      | A/A      | T/C        | G/A    |
| 375           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/C        | C/C      | A/A      | T/C        | G/G    |
| 376           | T/G        | C/C     | A/A       | T/C    | T/T        | G/G        | T/T       | T/T    | G/A        | T/T        | T/C      | G/A      | T/C        | G/G    |
| 377           | T/T        | C/C     | A/A       | T/C    | T/T        | G/G        | T/T       | T/T    | G/A        | T/T        | A/A      | T/T      | G/G        | T/G    |
| 378           | T/T        | C/C     | G/A       | T/C    | T/T        | G/G        | T/T       | T/T    | G/A        | T/T        | A/A      | T/T      | G/G        | T/G    |
| 379           | T/T        | T/C     | G/A       | T/C    | T/T        | G/G        | T/T       | T/T    | G/A        | T/T        | T/C      | G/A      | T/C        | G/G    |
| 380           | T/T        | C/C     | G/A       | T/C    | T/T        | G/G        | T/T       | T/T    | G/A        | T/T        | T/C      | G/A      | C/C        | G/G    |
| 381           | T/G        | C/A     | A/A       | T/C    | T/T        | G/G        | T/T       | T/T    | G/A        | T/C        | C/C      | A/C      | G/G        | T/T    |
| 382           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/C        | C/C      | A/C      | T/C        | G/G    |
| 383           | T/G        | C/C     | A/A       | T/C    | T/T        | G/G        | T/T       | T/T    | G/A        | T/C        | C/C      | A/C      | T/C        | G/G    |
| 384           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/C        | A/C      | A/T      | T/T        | G/G    |
| 385           | T/T        | C/C     | G/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/C        | C/C      | A/C      | G/G        | T/C    |
| 386           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/C        | C/C      | A/G      | G/G        | T/G    |
| 387           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/C        | C/C      | A/G      | T/C        | G/A    |
| 388           | T/G        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/C        | A/C      | A/C      | G/G        | T/C    |
| 389           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/C        | A/C      | A/T      | G/G        | T/G    |
| 390           | T/T        | T/C     | T/T        | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/C        | A/C      | C/C      | G/G        | T/C    |
| 391           | T/G        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/C        | A/C      | C/C      | G/G        | T/C    |
| 392           | T/T        | T/C     | T/T        | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/C        | A/T      | T/C      | G/G        | T/G    |
| 393           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/C        | C/C      | A/C      | G/G        | T/C    |
| 394           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/C        | C/C      | A/C      | G/G        | T/C    |
| 395           | T/T        | T/C     | G/A       | T/C    | T/T        | G/G        | T/T       | T/T    | A/A        | T/T        | C/C      | G/G      | T/C        | G/G    |
| 396           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | A/A        | T/C        | C/C      | A/C      | T/C        | G/G    |
| Sample number | rs10064525 | rs27072 | rs1042098 | rs6347 | rs10770140 | rs10770141 | rs3842727 | rs6356 | rs11575553 | rs12666409 | rs129882 | rs129915 | rs1611114 | rs5320 |
|---------------|------------|---------|-----------|--------|------------|------------|-----------|--------|------------|------------|-----------|-----------|------------|--------|
| 397           | T/G        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/T        | T/C       | G/A       | T/C        | G/G    |
| 398           | T/T        | T/C     | A/A       | T/T    | T/C        | G/A        | T/T       | T/C    | G/A        | T/T        | T/C       | G/A       | T/C        | G/G    |
| 399           | T/T        | C/C     | G/A       | T/C    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C       | G/A       | T/C        | G/G    |
| 400           | T/T        | C/C     | A/A       | T/C    | T/T        | G/G        | T/T       | T/C    | G/A        | T/A        | T/C       | G/A       | T/C        | G/G    |
| 401           | T/T        | C/C     | A/A       | T/C    | T/C        | G/A        | T/T       | T/A    | T/C        | G/A        | T/C       | G/A       | T/C        | G/G    |
| 402           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | T/T        | T/C       | A/A       | T/C        | G/G    |
| 403           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | T/A        | T/C       | C/C       | G/A        | G/G    |
| 404           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | T/T        | T/C       | G/A       | T/C        | G/G    |
| 405           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | T/T        | T/C       | G/A       | T/C        | G/G    |
| 406           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | T/A        | T/C       | C/C       | G/A        | G/G    |
| 407           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | T/T        | T/C       | G/A       | T/C        | G/G    |
| 408           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | T/T        | T/C       | G/A       | T/C        | G/G    |
| 409           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | T/A        | T/C       | C/C       | G/G        | T/T    |
| 410           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | T/T        | T/C       | G/G       | T/C        | G/G    |
| 411           | T/T        | T/C     | G/A       | T/T    | T/T        | G/G        | T/T       | A/A    | T/T        | T/C        | A/A       | T/C       | G/G        | T/G    |
| 412           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | T/T        | A/A       | T/T       | G/G        | T/G    |
| 413           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | T/C        | C/C       | G/G       | T/C        | G/A    |
| 414           | T/G        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | C/C        | A/A        | C/C       | A/A       | C/A        | A/A    |
| 415           | T/T        | T/T     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | C/C        | G/G       | T/T       | G/G        | T/G    |
| 416           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | C/C        | G/G       | T/T       | G/G        | T/G    |
| 417           | T/T        | C/C     | G/A       | T/C    | T/T        | G/G        | T/T       | T/C    | G/A        | A/A        | C/C       | G/G       | T/T       | G/G    |
| 418           | T/T        | T/T     | A/A       | T/C    | T/T        | G/G        | T/T       | A/A    | T/T        | T/C        | A/A       | T/C       | G/G        | T/G    |
| 419           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | A/A    | G/A        | C/C        | G/A       | C/C       | G/A        | G/G    |
| 420           | T/G        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | A/A    | G/A        | A/C        | G/G       | C/G       | T/C        | G/G    |
| 421           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | C/C        | G/G       | T/T       | G/G        | T/G    |
| 422           | T/T        | T/C     | G/A       | T/C    | T/T        | G/G        | T/T       | T/C    | G/A        | T/C        | G/A       | T/C       | G/A        | G/A    |
| 423           | T/T        | T/C     | G/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | T/C        | G/A       | T/C       | G/A        | G/A    |
| 424           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | C/C        | G/G       | T/T       | G/G        | T/G    |
| 425           | T/T        | T/C     | A/A       | T/C    | T/T        | G/G        | T/T       | T/C    | G/A        | T/T        | G/A       | C/G       | T/C        | G/G    |
| 426           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | T/T        | T/C       | G/G       | T/G        | G/G    |
| 427           | T/T        | C/C     | G/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | C/C        | G/G       | T/C       | G/A        | G/G    |
| 428           | T/T        | C/C     | A/A       | T/T    | T/C        | G/G        | T/T       | T/C    | A/A        | C/C        | G/G       | T/T       | G/G        | G/G    |
| 429           | T/T        | T/T     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | A/A        | C/C        | G/G       | C/G       | G/G        | G/G    |
| Sample number | rs10064525 | rs27072 | rs1042098 | rs6347 | rs10770140 | rs10770141 | rs3842727 | rs6356 | rs11575553 | rs12666409 | rs129882 | rs129915 | rs1611114 | rs5320 |
|---------------|------------|---------|-----------|--------|------------|------------|-----------|--------|------------|------------|-----------|-----------|------------|--------|
| 430 | T/T | T/C | A/A | T/T | T/T | G/G | T/T | T/T | G/G | T/A | C/C | G/A | T/C | G/A |
| 431 | T/G | T/C | A/A | T/T | G/G | T/T | T/C | G/G | A/A | C/C | A/A | C/C | A/A | T/T |
| 432 | T/T | C/C | A/A | T/T | T/T | G/G | T/T | T/T | G/A | T/T | T/T | A/A | T/T | G/G |
| 433 | T/T | C/C | A/A | T/T | G/G | T/T | T/T | G/T | T/T | T/T | A/A | T/T | G/G | G/G |
| 434 | T/T | T/T | A/A | T/C | G/A | T/G | T/C | G/A | T/T | C/C | G/A | T/C | G/A |
| 435 | T/T | T/C | A/A | T/T | T/T | G/G | T/T | T/C | G/G | T/A | C/C | G/A | T/C | G/A |
| 436 | T/T | C/C | A/A | T/T | T/T | G/G | T/T | T/T | G/A | T/T | A/A | T/T | G/G | G/G |
| 437 | T/T | T/C | A/A | T/T | G/G | T/T | T/C | G/G | A/A | T/C | G/A | T/T | G/G | G/G |
| 438 | T/T | T/C | A/A | T/T | T/T | G/G | T/T | T/T | G/G | A/A | T/C | G/G | G/G | G/G |
| 439 | T/T | T/C | A/A | T/T | T/T | G/G | T/T | T/C | G/G | A/A | T/T | A/A | T/T | G/G |
| 440 | T/T | C/C | G/A | T/C | G/G | T/T | T/C | G/G | T/T | C/C | G/G | T/C | G/G | G/G |
| 441 | T/T | C/C | A/A | T/T | T/T | G/G | T/T | T/T | G/A | T/A | C/C | G/A | T/C | G/G |
| 442 | T/T | C/C | A/A | T/T | T/T | G/G | T/T | T/T | G/A | T/A | C/C | G/A | T/C | G/G |
| 443 | T/T | C/C | A/A | T/T | T/T | G/G | T/T | T/T | G/A | T/A | C/C | G/G | T/C | G/G |
| 444 | T/T | C/C | A/A | T/T | T/C | G/A | T/G | T/G | T/C | G/G | A/A | C/C | G/A | T/C |
| 445 | T/T | C/C | G/A | T/C | G/A | T/C | T/C | G/G | T/A | C/C | G/G | T/C | G/A |
| 446 | T/G | C/C | A/A | T/T | T/T | G/G | T/T | T/T | G/A | A/A | T/T | A/A | T/T | G/G |
| 447 | T/T | C/C | G/A | T/C | T/T | G/G | T/T | T/T | G/A | T/C | G/G | T/C | G/G | G/G |
| 448 | T/T | C/C | A/A | T/T | T/C | G/A | T/T | T/C | G/G | T/A | C/C | G/A | T/C | G/G |
| 449 | T/T | T/C | A/A | T/T | T/C | G/A | T/T | T/T | G/A | T/A | T/C | A/A | T/C | G/G |
| 450 | T/T | T/C | A/A | T/T | T/T | G/G | T/T | T/T | G/A | T/T | C/C | G/A | T/C | G/G |
| 451 | T/T | C/C | A/A | T/T | T/T | G/G | T/T | T/T | G/A | T/T | C/C | G/A | T/C | G/G |
| 452 | T/T | C/C | A/A | T/T | T/T | G/G | T/T | T/T | G/A | T/C | G/G | T/C | G/G | G/G |
| 453 | T/T | C/C | A/A | T/T | T/T | G/G | T/T | T/T | G/A | T/A | C/C | G/A | T/C | G/G |
| 454 | T/T | C/C | G/A | T/T | T/T | G/G | T/T | T/T | G/A | T/C | C/C | G/A | T/C | G/G |
| 455 | T/T | T/C | A/A | T/T | T/T | G/G | T/T | T/T | G/A | T/T | A/A | T/T | G/G | G/G |
| 456 | T/T | T/C | A/A | T/T | T/T | G/G | T/T | T/T | G/A | T/C | A/A | T/T | G/G | G/G |
| 457 | T/T | C/C | A/A | T/T | T/T | G/G | T/T | T/T | G/A | T/A | C/C | G/A | T/C | G/G |
| 458 | T/T | T/C | A/A | T/T | T/T | G/G | T/T | T/T | G/A | T/A | T/T | A/A | T/T | G/G |
| 459 | T/T | C/C | A/A | T/T | T/T | G/G | T/T | T/T | G/A | T/A | C/C | G/A | T/C | G/G |
| 460 | T/T | C/C | A/A | T/T | T/T | G/G | T/T | T/T | A/A | T/T | T/C | G/A | C/C | G/A |
| 461 | T/T | T/C | A/A | T/T | T/T | G/G | T/T | T/T | A/A | T/T | T/C | A/A | T/T | G/G |
| 462 | T/G | T/T | A/A | T/C | T/T | G/G | T/T | T/T | G/A | T/C | G/A | T/C | G/A | G/G |
| Sample number | rs10064525 | rs27072 | rs1042098 | rs6347 | rs10770140 | rs10770141 | rs3842727 | rs6356 | rs11575553 | rs12666409 | rs129882 | rs129915 | rs1611114 | rs5320 |
|---------------|-----------|---------|-----------|--------|------------|------------|-----------|--------|------------|------------|----------|-----------|-----------|---------|
| 463           | T/T       | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/G        | T/T        | C/C      | G/G       | T/C       | G/G     |
| 464           | T/T       | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/G        | T/T        | C/C      | G/A       | T/T       | G/G     |
| 465           | T/T       | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/G        | T/T        | A/A      | C/C       | G/G       | T/C     |
| 466           | T/T       | T/C     | A/A       | T/T    | T/T        | G/A        | T/T       | T/A    | T/A        | T/T        | T/T      | A/T       | T/T       | G/G     |
| 467           | T/T       | C/C     | A/A       | T/T    | T/T        | G/T        | T/T       | G/T    | T/C        | G/T        | C/C      | A/A       | T/T       | G/G     |
| 468           | T/T       | C/C     | G/G       | C/C    | T/T        | G/A        | T/T       | T/A    | T/C        | A/A        | T/T      | G/G       | T/C       | G/G     |
| 469           | T/T       | C/C     | A/A       | T/T    | T/T        | G/T        | T/T       | G/T    | T/C        | G/A        | T/C      | G/A       | T/T       | G/G     |
| 470           | T/G       | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/A    | T/C        | G/G        | G/G      | C/C       | G/G       | G/G     |
| 471           | T/T       | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/A    | T/C        | G/A        | G/G      | G/A       | T/C       | G/G     |
| 472           | T/T       | C/C     | A/A       | T/T    | T/T        | G/T        | T/T       | G/T    | T/C        | G/A        | G/G      | G/A       | T/C       | G/G     |
| 473           | T/T       | T/T     | A/A       | T/T    | T/T        | G/T        | T/T       | G/A    | T/A        | T/T        | T/C      | A/A       | T/T       | G/G     |
| 474           | T/T       | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/A    | T/C        | G/A        | G/G      | G/A       | T/C       | G/G     |
| 475           | T/T       | T/T     | A/A       | T/T    | T/T        | G/G        | T/T       | T/A    | T/C        | G/A        | T/T      | A/A       | T/C       | G/A     |
| 476           | T/T       | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/A    | T/C        | G/G        | G/G      | C/C       | G/G       | G/G     |
| 477           | T/T       | T/C     | A/A       | T/T    | T/T        | G/T        | T/T       | G/A    | T/A        | T/T        | G/G      | A/A       | T/C       | G/G     |
| 478           | T/G       | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | G/T    | A/A        | G/A        | T/C      | G/A       | T/C       | G/A     |
| 479           | T/T       | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | G/A    | A/A        | T/C        | G/G      | C/C       | G/G       | G/G     |
| 480           | T/T       | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | G/A    | T/A        | C/C        | G/G      | G/G       | T/C       | G/G     |
| 481           | T/G       | C/C     | G/A       | T/C    | T/T        | G/T        | T/T       | A/A    | T/A        | T/C        | G/G      | G/A       | T/C       | G/G     |
| 482           | T/T       | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/A    | A/A        | T/C        | G/G      | G/A       | T/C       | G/G     |
| 483           | T/T       | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/A    | A/A        | T/C        | G/G      | G/A       | T/C       | G/G     |
| 484           | T/G       | T/C     | A/A       | T/C    | T/T        | G/G        | T/T       | G/A    | T/A        | T/T        | G/G      | G/A       | T/C       | G/G     |
| 485           | T/T       | C/C     | G/A       | T/C    | T/T        | G/G        | T/T       | T/A    | G/A        | T/C        | G/G      | A/A       | T/T       | G/G     |
| 486           | T/T       | C/C     | G/A       | T/C    | T/T        | G/G        | T/T       | G/A    | T/A        | C/C        | G/G      | C/C       | G/C       | G/G     |
| 487           | T/T       | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | G/A    | T/A        | A/A        | T/T      | A/A       | C/C       | G/G     |
| 488           | T/T       | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | G/A    | A/T        | C/C        | G/A      | C/C       | A/A       | G/A     |
| 489           | T/T       | C/C     | A/A       | T/C    | T/T        | G/G        | T/T       | G/A    | A/A        | C/C        | G/G      | G/G       | C/C       | G/G     |
| 490           | T/T       | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | G/A    | A/A        | T/C        | G/G      | A/A       | T/C       | G/G     |
| 491           | T/T       | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | G/A    | A/A        | C/C        | G/A      | T/C       | G/G       | G/G     |
| 492           | T/T       | C/C     | A/A       | T/T    | T/C        | G/A        | T/G       | T/C    | G/G        | T/A        | T/C      | C/C       | G/G       | T/C     |
| 493           | T/T       | C/C     | A/A       | T/T    | T/G        | T/T        | T/T       | G/T    | C/C        | G/G        | T/C      | G/A       | T/C       | G/G     |
| 494           | T/T       | T/C     | G/A       | T/T    | T/C        | G/A        | T/T       | G/A    | T/A        | C/C        | G/G      | T/C       | G/G       | G/G     |
| 495           | T/T       | T/C     | A/A       | T/T    | T/C        | G/A        | T/A       | C/C    | G/A        | C/C        | T/C      | G/A       | C/C       | G/G     |
| Sample number | rs10064525 | rs27072 | rs1042098 | rs6347 | rs10770140 | rs10770141 | rs3842727 | rs6356 | rs11575553 | rs12666409 | rs129882 | rs129915 | rs1611114 | rs5320 |
|---------------|------------|---------|-----------|--------|------------|------------|-----------|--------|------------|------------|-----------|-----------|------------|--------|
| 496           | T/T        | T/T     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/G        | T/A        | T/C       | A/A       | T/C        | G/G    |
| 497           | T/T        | C/C     | G/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/G        | T/A        | T/C       | G/A       | T/C        | G/G    |
| 498           | T/G        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/G        | T/T        | C/C       | G/G       | T/T        | G/G    |
| 499           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | C/C       | G/A       | T/C        | G/A    |
| 500           | T/T        | C/C     | A/A       | T/T    | T/C        | G/A        | T/T       | T/C    | G/G        | T/A        | T/C       | A/A       | T/C        | G/A    |
| 501           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | C/C       | G/A       | T/C        | G/G    |
| 502           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | C/C       | G/A       | T/C        | G/A    |
| 503           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | T/A        | C/C       | G/A       | T/C        | G/A    |
| 504           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | T/A        | C/C       | G/A       | T/C        | G/G    |
| 505           | T/T        | C/C     | G/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | C/C       | G/G       | T/C        | G/A    |
| 506           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | T/A        | C/C       | G/A       | T/C        | G/A    |
| 507           | T/G        | T/T     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | T/A        | C/C       | G/A       | T/C        | G/G    |
| 508           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | C/C       | G/A       | T/C        | G/G    |
| 509           | T/G        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | C/C       | G/A       | T/C        | G/A    |
| 510           | T/T        | T/T     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | C/C       | G/A       | T/C        | G/G    |
| 511           | T/T        | C/C     | G/A       | T/C    | T/C        | G/G        | T/T       | T/T    | G/A        | T/A        | C/C       | G/G       | T/C        | G/A    |
| 512           | T/T        | C/C     | G/A       | T/C    | T/C        | G/G        | T/T       | T/T    | A/A        | T/T        | T/T        | A/A       | T/T        | T/T    |
| 513           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | C/C       | G/A       | T/C        | G/G    |
| 514           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | C/C       | G/A       | T/C        | G/G    |
| 515           | T/T        | T/C     | A/A       | T/T    | T/C        | G/A        | T/A       | T/C    | G/A        | T/A        | C/C       | G/A       | T/C        | G/G    |
| 516           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | C/C       | G/A       | T/C        | G/G    |
| 517           | T/T        | C/C     | G/A       | T/C    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | C/C       | G/A       | T/C        | G/G    |
| 518           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | C/C       | G/A       | T/C        | G/G    |
| 519           | T/T        | T/T     | G/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | C/C       | G/A       | T/C        | G/G    |
| 520           | T/T        | T/C     | A/A       | T/T    | T/C        | G/G        | T/T       | T/T    | G/A        | T/A        | C/C       | G/A       | T/C        | G/G    |
| 521           | T/T        | T/T     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | A/A        | T/T        | T/C        | A/A       | T/C        | G/A    |
| 522           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | C/C       | A/A       | T/C        | G/A    |
| 523           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | A/A        | T/T        | T/C        | A/A       | T/C        | G/A    |
| 524           | T/T        | C/C     | G/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | C/C       | G/A       | T/C        | G/A    |
| 525           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | C/C       | A/A       | T/C        | G/A    |
| 526           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | C/C       | A/A       | T/C        | G/A    |
| 527           | T/T        | C/C     | A/A       | T/T    | T/C        | G/A        | T/T       | C/C    | G/A        | T/A        | C/C       | G/A       | T/C        | G/A    |
| 528           | T/T        | C/C     | G/A       | T/T    | T/C        | G/G        | T/T       | T/C    | G/A        | T/A        | C/C       | G/A       | T/T        | G/G    |
| Sample number | rs10064525 | rs27072 | rs1042098 | rs6347 | rs10770140 | rs10770141 | rs3842727 | rs6356 | rs11575553 | rs12666409 | rs129882 | rs129915 | rs16111114 | rs5320 |
|---------------|------------|----------|-----------|--------|------------|------------|-----------|--------|------------|------------|----------|----------|------------|--------|
| 529           | T/T        | C/C      | G/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/G        | T/A        | T/C      | G/A      | T/C        | G/A    |
| 530           | T/T        | T/C      | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/G        | A/A        | C/C      | G/G      | T/C        | G/A    |
| 531           | T/T        | T/C      | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/G        | T/T        | T/C      | G/A      | T/T        | G/G    |
| 532           | T/T        | C/C      | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/G        | T/A        | C/C      | A/A      | T/T        | G/G    |
| 533           | T/T        | C/C      | A/A       | T/T    | T/C        | G/G        | T/G       | T/C    | G/A        | T/A        | T/C      | G/A      | T/T        | G/G    |
| 534           | T/T        | T/T      | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/T        | A/A      | T/C      | G/A        | T/C    |
| 535           | T/T        | T/T      | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/G        | A/A        | C/C      | A/A      | C/C        | G/A    |
| 536           | T/T        | C/C      | G/A       | T/T    | T/C        | G/G        | T/G       | T/C    | G/G        | T/A        | T/C      | G/A      | T/C        | G/A    |
| 537           | T/T        | T/C      | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | A/A        | T/T        | T/C      | A/A      | C/C        | G/A    |
| 538           | T/T        | T/C      | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | T/C        | G/A        | T/C      | G/A      | T/T        | G/G    |
| 539           | T/T        | C/C      | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | A/A        | C/C        | G/A      | T/C      | G/A        | G/A    |
| 540           | T/T        | T/T      | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/T        | A/A      | T/C      | G/A        | G/G    |
| 541           | T/T        | T/T      | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/G        | T/A        | C/C      | G/A      | T/T        | G/G    |
| 542           | T/T        | C/C      | G/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/G        | A/A        | T/C      | G/A      | T/T        | G/G    |
| 543           | T/T        | C/C      | G/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C      | A/A      | C/C        | G/A    |
| 544           | T/T        | T/C      | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/G        | T/A        | C/C      | G/A      | T/C        | G/A    |
| 545           | T/T        | C/C      | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/G        | T/A        | T/C      | G/A      | T/T        | G/G    |
| 546           | T/T        | C/C      | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | A/A        | T/T        | T/C      | G/A      | T/T        | G/G    |
| 547           | T/T        | T/C      | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | C/C      | G/G      | T/T        | G/G    |
| 548           | T/T        | T/C      | A/A       | T/T    | T/C        | G/A        | T/T       | T/T    | G/A        | T/T        | C/C      | G/A      | T/T        | G/G    |
| 549           | T/G        | C/C      | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/G        | T/T        | A/A      | T/T      | G/G        | G/G    |
| 550           | T/T        | C/C      | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/T        | A/A      | T/C      | G/G        | G/G    |
| 551           | T/G        | T/C      | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/G        | T/A        | T/T      | A/A      | T/T        | G/G    |
| 552           | T/T        | T/C      | G/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/G        | A/A        | T/C      | A/A      | T/C        | G/G    |
| 553           | T/T        | T/C      | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C      | A/A      | T/C        | G/G    |
| 554           | T/T        | T/C      | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/G        | T/A        | T/C      | G/A      | T/T        | G/G    |
| 555           | T/T        | T/C      | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/G        | T/A        | T/T      | A/A      | T/C        | G/G    |
| 556           | T/T        | T/C      | G/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C      | A/A      | C/C        | G/A    |
| 557           | T/T        | T/C      | A/A       | T/T    | T/C        | G/A        | T/T       | T/T    | G/G        | T/T        | A/A      | T/T      | G/G        | G/A    |
| 558           | T/T        | T/C      | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | C/G        | G/A        | C/C      | G/A      | T/T        | G/G    |
| 559           | T/T        | T/C      | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C      | A/A      | C/C        | G/G    |
| 560           | T/G        | C/C      | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/G        | A/A        | C/C      | G/A      | T/T        | G/G    |
| 561           | T/T        | T/C      | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/T        | T/C      | G/A      | T/T        | G/G    |
| Sample number | rs10064525 | rs27072 | rs10420984 | rs6347 | rs10770140 | rs10770141 | rs3842727 | rs6356 | rs11575553 | rs12666409 | rs129882 | rs129915 | rs1611114 | rs5320 |
|---------------|------------|---------|------------|--------|------------|------------|------------|--------|------------|------------|----------|----------|-----------|--------|
| 562           | T/T        | T/C     | A/A        | T/T    | T/T        | G/G        | T/T        | T/T    | G/G        | A/A        | T/T      | A/T      | T/C       | T/T    |
| 563           | T/T        | C/C     | G/A        | T/C    | T/T        | G/G        | T/T        | T/T    | G/G        | T/A        | C/C      | G/A      | T/C       | G/A    |
| 564           | T/T        | T/T     | A/A        | T/T    | T/T        | G/G        | T/T        | T/T    | G/T        | T/A        | C/T      | G/A      | T/T       | G/G    |
| 565           | T/T        | C/C     | A/A        | T/T    | T/T        | G/G        | T/T        | T/T    | G/T        | C/C        | G/A      | T/C      | G/A       | G/G    |
| 566           | T/T        | T/T     | A/A        | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | A/A        | T/C      | A/A      | G/A       | T/T    |
| 567           | T/T        | C/C     | A/A        | T/T    | T/T        | G/T        | T/T        | T/T    | G/A        | T/A        | T/C      | G/A      | T/T       | G/G    |
| 568           | T/T        | T/C     | A/A        | T/T    | T/T        | G/T        | T/T        | T/T    | G/T        | T/A        | A/A      | T/T      | G/G       | G/G    |
| 569           | T/T        | C/C     | A/A        | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | C/C        | G/G      | T/T      | G/G       | T/G    |
| 570           | T/T        | T/C     | A/A        | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | G/A        | T/C      | A/A      | G/A       | T/C    |
| 571           | T/G        | T/C     | A/A        | T/T    | T/T        | G/G        | A/A        | T/T    | G/A        | T/C        | G/A      | T/T      | G/G       | G/G    |
| 572           | T/T        | C/C     | A/A        | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | T/C        | A/A      | T/C      | G/G       | G/G    |
| 573           | T/T        | T/C     | A/A        | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | C/C        | G/A      | T/C      | G/A       | G/G    |
| 574           | T/T        | C/C     | A/A        | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | T/A        | T/C      | A/A      | G/G       | T/G    |
| 575           | T/T        | T/T     | A/A        | T/T    | T/T        | G/G        | T/T        | T/T    | G/T        | T/C        | A/A      | T/C      | G/G       | G/G    |
| 576           | T/T        | C/C     | A/A        | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | T/C        | G/A      | T/C      | G/A       | G/G    |
| 577           | T/G        | T/C     | G/A        | T/C    | T/T        | G/G        | T/T        | T/T    | G/A        | C/C        | G/G      | T/C      | G/A       | G/G    |
| 578           | T/T        | T/C     | A/A        | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | T/T        | A/A      | T/T      | G/G       | G/G    |
| 579           | T/T        | T/T     | A/A        | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | T/C        | G/A      | T/C      | G/G       | G/G    |
| 580           | T/T        | C/C     | A/A        | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | T/C        | G/A      | T/C      | G/G       | G/G    |
| 581           | T/T        | T/C     | A/A        | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | T/C        | G/A      | T/C      | G/G       | G/G    |
| 582           | T/G        | C/C     | A/A        | T/C    | T/T        | G/G        | T/T        | T/T    | G/A        | T/C        | G/A      | T/C      | G/G       | G/G    |
| 583           | T/T        | T/C     | A/A        | T/C    | T/T        | G/G        | T/T        | T/T    | G/A        | T/C        | G/A      | T/C      | G/G       | G/G    |
| 584           | T/T        | T/C     | A/A        | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | T/C        | G/A      | T/T      | G/G       | G/G    |
| 585           | T/T        | C/C     | A/A        | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | C/C        | G/G      | C/C      | G/G       | A/A    |
| 586           | T/T        | C/C     | A/A        | T/T    | T/T        | G/T        | T/T        | T/T    | G/A        | A/C        | G/A      | C/C      | G/G       | C/C    |
| 587           | T/T        | T/C     | A/A        | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | C/C        | G/A      | C/C      | G/G       | A/A    |
| 588           | T/T        | C/C     | A/A        | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | T/C        | G/A      | T/T      | G/G       | G/G    |
| 589           | T/T        | T/C     | A/A        | T/T    | T/T        | G/G        | T/G        | T/T    | G/A        | T/C        | G/A      | T/T      | G/G       | G/G    |
| 590           | T/T        | C/C     | A/A        | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | T/T        | A/A      | T/C      | G/G       | G/G    |
| 591           | T/T        | T/C     | A/A        | T/C    | T/T        | G/G        | T/T        | T/T    | G/A        | T/C        | G/A      | T/T      | G/G       | G/G    |
| 592           | T/T        | T/C     | A/A        | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | T/C        | G/A      | T/T      | G/G       | G/G    |
| 593           | T/G        | T/C     | A/A        | T/T    | T/T        | G/G        | T/T        | T/C    | G/A        | T/C        | G/A      | T/T      | G/G       | G/G    |
| 594           | T/T        | C/C     | A/A        | T/T    | T/T        | G/G        | T/T        | T/T    | G/A        | C/C        | A/A      | T/T      | G/G       | G/G    |
| Sample number | rs10064525 | rs27072 | rs1042098 | rs6347 | rs10770140 | rs10770141 | rs3842727 | rs6356 | rs11575553 | rs12666409 | rs129882 | rs129915 | rs1611114 | rs5320 |
|--------------|-----------|---------|-----------|--------|------------|------------|-----------|--------|------------|------------|---------|---------|-----------|--------|
| 595          | T/T       | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | C/C     | G/G     | T/T       | T/C    |
| 596          | T/T       | T/T     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/G        | A/A        | C/C     | G/G     | T/C       | G/A    |
| 597          | T/T       | T/C     | A/A       | T/T    | T/C        | G/A        | T/T       | T/T    | G/A        | T/A        | T/T     | A/A     | T/T       | G/G    |
| 598          | T/T       | T/C     | A/A       | T/T    | T/T        | G/A        | T/T       | T/C    | G/A        | T/A        | T/C     | G/A     | T/T       | G/G    |
| 599          | T/T       | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/T     | G/A     | T/T       | G/G    |
| 600          | T/T       | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | T/A        | T/C     | G/A     | T/T       | G/G    |
| 601          | T/T       | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | T/A        | T/C     | G/A     | T/T       | G/G    |
| 602          | T/G       | C/C     | A/A       | T/C    | T/T        | G/A        | T/T       | T/T    | C/C        | G/G        | T/C     | G/G     | C/C       | G/G    |
| 603          | T/T       | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | T/A        | T/T     | A/A     | T/T       | G/G    |
| 604          | T/T       | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | T/A        | T/C     | G/A     | T/T       | G/G    |
| 605          | T/T       | T/C     | A/A       | T/T    | T/C        | G/A        | T/T       | T/T    | G/A        | T/A        | T/T     | A/A     | T/T       | G/G    |
| 606          | T/T       | T/C     | A/A       | T/T    | T/C        | G/A        | T/T       | T/C    | G/A        | T/A        | T/T     | A/A     | T/T       | G/G    |
| 607          | T/T       | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | T/A        | T/C     | G/A     | T/T       | G/G    |
| 608          | T/T       | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/T     | G/A     | T/T       | G/G    |
| 609          | T/T       | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C     | A/A     | T/T       | G/G    |
| 610          | T/G       | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | T/A        | T/C     | G/A     | T/T       | G/G    |
| 611          | T/T       | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/T        | C/C     | G/G     | A/A       | A/A    |
| 612          | T/T       | C/C     | G/A       | T/C    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C     | G/A     | T/T       | G/G    |
| 613          | T/T       | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | T/A        | T/C     | G/A     | C/C       | A/A    |
| 614          | T/G       | T/T     | A/A       | T/T    | T/C        | G/A        | T/T       | T/C    | G/A        | A/A        | C/C     | G/A     | T/C       | G/A    |
| 615          | T/T       | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C     | G/A     | T/T       | G/G    |
| 616          | T/T       | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | A/A        | T/C     | A/A     | T/C       | A/A    |
| 617          | T/T       | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/T        | C/C     | A/A     | T/T       | G/G    |
| 618          | T/T       | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | T/T        | C/C     | G/G     | A/A       | A/A    |
| 619          | T/T       | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | T/T        | C/C     | G/C     | A/A       | A/A    |
| 620          | T/T       | C/C     | A/A       | T/T    | T/C        | G/A        | T/G       | T/C    | G/A        | T/A        | T/C     | G/A     | C/C       | G/A    |
| 621          | T/T       | C/C     | A/A       | T/C    | T/T        | G/G        | T/T       | T/C    | G/A        | T/A        | C/C     | G/G     | T/T       | G/G    |
| 622          | T/T       | C/C     | G/A       | T/C    | T/T        | G/G        | T/T       | T/T    | G/A        | A/A        | T/T     | A/A     | T/C       | G/G    |
| 623          | T/T       | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/C        | A/A     | T/T     | G/G       | G/G    |
| 624          | T/T       | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | T/A        | C/C     | G/G     | T/C       | G/G    |
| 625          | T/T       | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/T        | A/A     | T/C     | G/G       | G/G    |
| 626          | T/T       | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | T/T        | A/A     | T/T     | G/G       | G/G    |
| 627          | T/T       | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | T/T        | C/C     | G/G     | T/T       | G/G    |
| Sample number | rs10064525 | rs27072 | rs1042098 | rs6347 | rs10770140 | rs10770141 | rs3842727 | rs6356 | rs11575553 | rs12666409 | rs129882 | rs129915 | rs1611114 | rs5320 |
|---------------|------------|---------|-----------|--------|-----------|-----------|-----------|--------|-----------|-----------|-----------|-----------|-----------|---------|
| 628           | T/T        | C/C     | A/A       | T/T    | T/T       | G/G       | T/T       | T/T    | G/G       | T/A       | T/C       | G/A       | T/C       | G/G     |
| 629           | T/G        | C/C     | G/A       | T/T    | T/T       | G/G       | T/T       | T/T    | G/G       | T/T       | T/C       | G/A       | T/C       | G/A     |
| 630           | T/T        | T/C     | A/A       | T/T    | T/C       | G/A       | T/G       | T/C    | G/G       | T/A       | C/C       | G/G       | T/C       | G/A     |
| 631           | T/T        | C/C     | G/A       | T/T    | T/T       | G/A       | T/T       | T/T    | C/C       | G/A       | T/C       | G/C       | C/C       | G/G     |
| 632           | T/T        | T/T     | A/A       | T/T    | T/C       | G/A       | T/T       | T/T    | T/G       | A/A       | C/C       | A/A       | C/C       | G/A     |
| 633           | T/T        | C/C     | G/A       | T/T    | T/T       | G/T       | T/T       | T/T    | G/G       | T/A       | T/T       | A/A       | T/C       | G/A     |
| 634           | T/T        | C/C     | A/A       | T/T    | T/T       | G/G       | T/T       | T/T    | G/A       | T/A       | T/C       | G/A       | T/T       | G/G     |
| 635           | T/T        | T/C     | A/A       | T/T    | T/T       | G/G       | T/T       | T/T    | G/A       | A/A       | T/C       | G/A       | T/T       | G/G     |
| 636           | T/T        | T/C     | A/A       | T/T    | T/T       | G/G       | T/T       | T/T    | G/A       | A/A       | C/C       | G/G       | T/C       | G/G     |
| 637           | T/T        | T/C     | A/A       | T/T    | T/T       | G/G       | T/T       | T/T    | G/A       | T/A       | T/C       | G/A       | T/T       | G/G     |
| 638           | T/G        | T/C     | A/A       | T/T    | T/T       | G/G       | T/T       | T/T    | G/A       | A/A       | C/C       | G/G       | T/C       | G/G     |
| 639           | T/T        | C/C     | A/A       | T/T    | T/T       | G/G       | T/T       | T/T    | G/A       | A/A       | C/C       | G/A       | T/C       | G/G     |
| 640           | T/T        | C/C     | A/A       | T/T    | T/T       | G/G       | T/T       | T/T    | G/A       | T/A       | C/C       | G/G       | T/T       | G/G     |
| 641           | T/T        | C/C     | G/A       | T/T    | T/C       | G/A       | T/T       | T/T    | G/A       | A/A       | C/C       | G/G       | T/T       | G/G     |
| 642           | T/T        | C/C     | A/A       | T/T    | T/T       | G/T       | T/T       | T/T    | G/G       | T/A       | T/T       | A/A       | T/C       | G/G     |
| 643           | T/T        | T/C     | A/A       | T/T    | T/T       | G/G       | T/T       | T/T    | G/A       | T/A       | T/T       | A/A       | T/C       | G/G     |
| 644           | T/T        | T/C     | G/A       | T/T    | T/T       | G/G       | T/T       | T/T    | G/A       | A/A       | T/T       | A/A       | T/T       | G/G     |
| 645           | T/T        | T/C     | A/A       | T/T    | T/T       | G/G       | T/T       | T/T    | G/A       | A/A       | T/C       | A/A       | T/T       | G/G     |
| 646           | T/T        | T/C     | G/A       | T/T    | T/T       | G/G       | T/T       | T/T    | G/A       | A/A       | C/C       | G/G       | T/C       | G/G     |
| 647           | T/T        | C/C     | G/A       | T/T    | T/T       | G/G       | T/T       | T/T    | G/A       | A/A       | C/C       | G/G       | T/T       | G/G     |
| 648           | T/T        | T/C     | A/A       | T/T    | T/T       | G/G       | T/T       | T/T    | G/A       | A/A       | C/C       | G/G       | T/T       | G/G     |
| 649           | T/T        | T/C     | A/A       | T/T    | T/T       | G/G       | T/T       | C/C    | G/A       | A/A       | T/C       | A/A       | T/T       | G/G     |
| 650           | T/T        | C/C     | A/A       | T/T    | T/C       | G/A       | T/T       | T/T    | G/A       | A/A       | C/C       | G/G       | T/C       | G/G     |
| 651           | T/T        | T/C     | G/A       | C/C    | T/T       | G/T       | T/T       | T/T    | G/A       | T/A       | C/C       | A/A       | T/T       | G/G     |
| 652           | T/T        | T/C     | G/A       | T/T    | T/T       | G/G       | T/T       | C/C    | G/A       | T/A       | T/C       | A/A       | T/T       | G/G     |
| 653           | T/T        | T/C     | A/A       | T/T    | T/T       | G/G       | T/T       | T/T    | G/A       | A/A       | C/C       | G/G       | T/C       | G/G     |
| 654           | T/T        | T/C     | G/A       | T/T    | T/T       | G/G       | T/T       | T/T    | G/A       | A/A       | T/C       | A/A       | T/T       | G/G     |
| 655           | T/T        | C/C     | A/A       | T/T    | T/T       | G/G       | T/T       | T/T    | G/A       | A/A       | C/C       | A/A       | T/T       | G/G     |
| 656           | T/T        | C/C     | A/A       | T/T    | T/T       | G/G       | T/T       | T/T    | G/A       | A/A       | C/C       | G/G       | T/T       | G/G     |
| 657           | T/T        | C/C     | G/A       | T/T    | T/T       | G/G       | T/T       | T/T    | G/A       | A/A       | C/C       | G/G       | T/T       | G/G     |
| 658           | T/T        | T/T     | A/A       | T/T    | T/T       | G/G       | T/T       | T/T    | G/A       | A/A       | T/C       | G/A       | T/T       | G/G     |
| 659           | T/T        | C/C     | G/A       | T/T    | T/T       | G/G       | T/T       | T/T    | G/A       | A/A       | T/C       | G/A       | T/T       | G/G     |
| 660           | T/T        | C/C     | A/A       | T/T    | T/C       | G/A       | T/T       | T/C    | G/A       | A/A       | C/C       | G/G       | T/T       | G/G     |
| Sample number | rs10064525 | rs27072 | rs1042098 | rs6347 | rs10770140 | rs10770141 | rs3842727 | rs6356 | rs11575553 | rs12666409 | rs129882 | rs129915 | rs1611114 | rs5320 |
|---------------|------------|---------|-----------|--------|------------|------------|-----------|--------|------------|------------|------------|------------|------------|----------|
| 661           | T/G        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/T        | T/C        | A/A        | T/C       | G/A |
| 662           | T/T        | C/C     | G/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/G        | T/T        | T/C        | A/A        | T/T       | G/G |
| 663           | T/T        | T/C     | A/A       | T/T    | T/C        | G/A        | T/T       | T/T    | G/A        | T/A        | C/C        | G/G        | T/T       | G/G |
| 664           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C        | A/A        | T/T       | G/G |
| 665           | T/T        | C/C     | A/A       | T/T    | T/C        | G/A        | T/T       | T/C    | G/A        | A/C        | G/A        | T/T        | G/G       |
| 666           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | T/A        | C/G        | G/A        | T/C       | G/G |
| 667           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | C/C        | G/A        | T/T       | G/G |
| 668           | T/G        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/T        | C/C        | G/A        | T/T       | G/G |
| 669           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | T/A        | C/G        | G/A        | T/C       | G/G |
| 670           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | C/C        | G/A        | T/T       | G/G |
| 671           | T/G        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/T        | C/C        | G/A        | T/T       | G/G |
| 672           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | T/A        | C/G        | G/A        | T/C       | G/G |
| 673           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | C/C        | G/G        | T/C       | G/G |
| 674           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/T        | C/C        | G/A        | T/C       | G/A |
| 675           | T/T        | T/C     | A/A       | T/T    | T/C        | G/A        | T/G       | T/T    | G/T        | T/T        | C/G        | A/A        | T/C       | G/A |
| 676           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | C/C        | G/G        | T/T       | G/G |
| 677           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C        | A/A        | T/C       | G/G |
| 678           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | C/G        | G/A        | T/C       | G/A |
| 679           | T/T        | T/C     | A/A       | T/T    | T/C        | G/A        | T/T       | T/T    | G/A        | T/A        | C/G        | G/A        | T/C       | G/A |
| 680           | T/T        | C/C     | G/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | A/A        | C/G        | G/G        | T/C       | G/G |
| 681           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | A/A        | C/G        | G/A        | T/T       | G/G |
| 682           | T/T        | C/C     | G/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | T/A        | C/G        | G/A        | T/C       | G/G |
| 683           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/T        | C/G        | G/A        | T/T       | G/G |
| 684           | T/T        | C/C     | A/A       | T/T    | T/C        | G/A        | T/T       | T/C    | G/A        | A/A        | T/C        | G/A        | T/C       | G/G |
| 685           | T/T        | C/C     | G/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C        | G/A        | T/C       | G/G |
| 686           | T/G        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/T        | C/G        | G/A        | T/C       | G/G |
| 687           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | C/G        | G/A        | T/C       | G/G |
| 688           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | C/G        | G/A        | T/C       | G/G |
| 689           | T/G        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/T        | C/G        | G/A        | C/C       | G/A |
| 690           | T/T        | C/C     | G/A       | C/C    | T/T        | G/G        | T/T       | T/T    | G/A        | T/T        | C/G        | G/A        | T/C       | G/G |
| 691           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/T        | C/G        | G/A        | T/T       | G/G |
| 692           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | A/A        | T/C        | G/A        | T/T       | G/G |
| 693           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | C/G        | G/A        | T/T       | G/G |
| Sample number | rs10064525 | rs27072 | rs1042098 | rs6347 | rs10770140 | rs10770141 | rs3842727 | rs6356 | rs11575553 | rs12666409 | rs129882 | rs129915 | rs1611114 | rs5320 |
|---------------|------------|---------|-----------|--------|------------|------------|-----------|--------|------------|------------|-----------|-----------|-----------|--------|
| 694           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | A/A        | T/T        | C/C       | G/G       | T/T       | T/T    |
| 695           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/G        | T/T        | T/C       | G/A       | T/C       | G/G    |
| 696           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | T/A        | C/C       | G/G       | T/C       | G/G    |
| 697           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | T/A        | C/C       | G/G       | T/C       | G/G    |
| 698           | T/T        | T/T     | A/A       | T/T    | T/C        | G/A        | T/T       | T/C    | G/G        | T/A        | T/C       | A/A       | T/C       | G/A    |
| 699           | T/T        | T/C     | A/A       | T/T    | T/C        | G/G        | T/T       | T/T    | G/A        | T/A        | C/C       | G/G       | T/C       | G/G    |
| 700           | T/G        | C/C     | A/A       | T/T    | T/C        | G/A        | T/T       | T/C    | C/C        | A/A        | T/C       | A/A       | T/T       | G/G    |
| 701           | T/T        | T/T     | A/A       | T/T    | T/C        | G/G        | T/T       | T/C    | G/A        | T/A        | C/C       | G/G       | T/C       | G/G    |
| 702           | T/T        | C/C     | A/A       | T/T    | T/C        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C       | A/A       | T/T       | G/G    |
| 703           | T/T        | T/C     | A/A       | T/T    | T/C        | G/G        | T/T       | T/T    | G/A        | T/A        | C/C       | G/A       | T/T       | G/G    |
| 704           | T/T        | C/C     | A/A       | T/T    | T/C        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C       | A/A       | T/T       | G/G    |
| 705           | T/T        | C/C     | A/A       | T/T    | T/C        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C       | A/A       | T/C       | G/G    |
| 706           | T/T        | C/C     | A/A       | T/T    | T/C        | G/G        | T/T       | T/T    | G/A        | T/A        | C/C       | G/G       | T/T       | G/G    |
| 707           | T/G        | T/C     | A/A       | T/T    | T/C        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C       | A/A       | T/C       | G/G    |
| 708           | T/T        | C/C     | A/A       | T/T    | T/C        | G/A        | T/T       | T/T    | G/A        | T/A        | T/C       | A/A       | C/C       | G/A    |
| 709           | T/T        | C/C     | G/A       | T/C    | T/T        | G/G        | T/G       | T/C    | G/G        | T/A        | T/C       | A/A       | T/T       | G/G    |
| 710           | T/G        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C       | A/A       | T/T       | G/G    |
| 711           | T/G        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C       | A/A       | T/C       | G/G    |
| 712           | T/T        | C/C     | A/A       | T/C    | T/C        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C       | A/A       | T/C       | G/G    |
| 713           | T/T        | C/C     | A/A       | T/T    | T/C        | G/G        | T/T       | T/T    | G/A        | T/A        | C/C       | G/A       | T/C       | G/G    |
| 714           | T/T        | C/C     | A/A       | T/T    | T/C        | G/A        | T/T       | T/C    | G/A        | T/A        | C/C       | G/A       | T/T       | G/G    |
| 715           | T/T        | C/C     | G/A       | T/C    | T/C        | G/A        | T/T       | T/T    | G/A        | T/A        | T/C       | A/A       | T/T       | G/G    |
| 716           | T/T        | C/C     | G/A       | T/C    | T/C        | G/A        | T/T       | T/C    | G/A        | T/A        | C/C       | G/G       | T/C       | G/G    |
| 717           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C       | A/A       | T/T       | G/G    |
| 718           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C       | A/A       | T/T       | G/G    |
| 719           | T/T        | T/C     | A/A       | T/T    | T/C        | G/A        | T/G       | T/C    | G/A        | T/T        | T/T       | A/A       | T/C       | G/G    |
| 720           | T/T        | C/C     | G/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | C/C       | G/A       | T/T       | G/G    |
| 721           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | T/A        | C/C       | G/A       | T/T       | G/G    |
| 722           | T/G        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | T/A        | C/C       | G/A       | T/T       | G/G    |
| 723           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | T/A        | C/C       | G/A       | T/T       | G/G    |
| 724           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | T/A        | C/C       | G/A       | T/T       | G/G    |
| 725           | T/T        | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | T/A        | C/C       | G/G       | T/C       | G/G    |
| 726           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/A        | T/A        | C/C       | G/G       | C/C       | G/A    |
| Sample number | rs10064525 | rs27072 | rs1042098 | rs6347 | rs10770140 | rs10770141 | rs3842727 | rs6356 | rs11575553 | rs12666409 | rs129882 | rs129915 | rs1611114 | rs5320 |
|---------------|-------------|---------|-----------|--------|------------|------------|-----------|--------|------------|------------|----------|----------|-----------|---------|
| 727           | T/T         | C/C     | A/A       | T/T    | T/C        | G/A        | T/G       | T/C    | G/A        | T/A        | T/C      | G/A      | T/T       | T/C     |
| 728           | T/T         | C/C     | A/A       | T/T    | T/C        | G/A        | T/T       | C/C    | G/G        | T/T        | T/C      | G/A      | T/T       | T/G     |
| 729           | T/T         | C/C     | G/A       | T/T    | T/T        | G/G        | T/T       | C/C    | G/G        | T/A        | T/C      | G/A      | T/T       | T/G     |
| 730           | T/T         | C/C     | A/A       | T/T    | T/T        | G/A        | T/T       | T/T    | G/A        | T/T        | T/C      | G/A      | T/T       | T/C     |
| 731           | G/G         | T/T     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C      | A/A      | T/T       | T/G     |
| 732           | T/T         | T/T     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/T        | T/C      | G/A      | T/T       | T/G     |
| 733           | T/T         | T/C     | A/A       | T/T    | T/T        | G/A        | T/T       | T/T    | G/A        | T/T        | T/C      | A/A      | T/T       | T/G     |
| 734           | T/T         | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/G        | T/A        | T/C      | A/A      | T/C       | T/G     |
| 735           | T/T         | T/C     | G/A       | T/T    | T/T        | G/A        | T/T       | T/T    | G/A        | T/T        | T/C      | G/A      | T/T       | T/G     |
| 736           | T/T         | C/C     | G/A       | T/T    | T/T        | G/A        | T/T       | T/T    | G/A        | T/T        | T/C      | G/A      | T/T       | T/G     |
| 737           | T/T         | T/C     | G/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/G        | T/A        | T/C      | A/A      | T/C       | T/G     |
| 738           | T/T         | T/C     | A/A       | T/T    | T/C        | G/A        | T/T       | T/C    | G/G        | T/A        | T/C      | G/A      | T/C       | T/G     |
| 739           | T/T         | T/T     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C      | A/A      | T/T       | T/G     |
| 740           | T/T         | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C      | A/A      | T/C       | T/G     |
| 741           | T/T         | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C      | G/A      | T/T       | T/G     |
| 742           | T/T         | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C      | G/A      | T/T       | T/G     |
| 743           | T/T         | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/A        | T/C      | G/A      | C/C       | A/A     |
| 744           | T/T         | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/C    | G/G        | T/A        | T/C      | A/A      | C/G       | T/G     |
| 745           | T/T         | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | A/A        | T/C      | A/A      | T/C       | T/G     |
| 746           | T/T         | C/C     | G/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | A/A        | T/C      | A/A      | T/C       | T/G     |
| 747           | T/T         | T/T     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/T        | T/C      | T/C      | T/G       | T/G     |
| 748           | T/T         | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | A/A        | T/C      | G/A      | T/C       | T/G     |
| 749           | T/T         | T/C     | G/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | A/A        | T/C      | G/A      | C/C       | G/A     |
| 750           | T/T         | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | A/A        | T/C      | G/A      | T/C       | T/G     |
| 751           | T/T         | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | A/A        | T/C      | G/A      | T/C       | T/G     |
| 752           | T/T         | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/T        | T/C      | G/A      | T/C       | T/G     |
| 753           | T/T         | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/T        | T/C      | G/A      | C/C       | G/A     |
| 754           | T/T         | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | A/A        | T/C      | G/A      | T/C       | T/G     |
| 755           | T/T         | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | C/C    | G/A        | T/T        | T/C      | G/A      | T/T       | T/G     |
| 756           | T/T         | T/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | A/A        | T/C      | G/A      | T/C       | T/G     |
| 757           | T/T         | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | A/A        | T/C      | G/A      | T/C       | T/G     |
| 758           | T/T         | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | A/A        | T/C      | G/A      | C/C       | G/A     |
| 759           | T/T         | C/C     | A/A       | T/T    | T/C        | G/A        | T/G       | T/C    | G/G        | T/A        | T/C      | C/C      | G/G       | T/T     |
| Sample number | rs10064525 | rs27072 | rs1042098 | rs6347 | rs10770140 | rs10770141 | rs3842727 | rs6356 | rs11575553 | rs12666409 | rs129882 | rs129915 | rs16111114 | rs5320 |
|---------------|------------|---------|-----------|-------|------------|------------|-----------|-------|------------|------------|----------|--------|-------------|--------|
| 760           | T/T        | C/C     | A/A       | T/T   | T/C         | G/A         | T/G       | T/T   | G/G        | T/A        | C/C      | G/G    | T/T         | T/T    |
| 761           | T/T        | C/C     | A/A       | T/C   | T/T         | G/G         | T/T       | T/T   | G/G        | A/A        | T/C      | G/G    | T/T         | G/G    |
| 762           | T/T        | C/C     | A/A       | T/T   | T/T         | G/G         | T/T       | T/T   | G/G        | T/T        | T/C      | G/A    | C/C         | G/A    |
| 763           | T/T        | C/C     | A/A       | T/C   | T/T         | G/G         | T/T       | T/T   | G/A        | T/T        | T/C      | G/A    | T/T         | G/G    |
| 764           | T/G        | C/C     | G/A       | C/C   | T/T         | G/G         | T/T       | T/T   | G/A        | T/A        | C/C      | G/A    | T/T         | G/G    |
| 765           | T/T        | C/C     | G/A       | T/C   | T/T         | G/G         | T/T       | T/T   | G/G        | T/T        | T/C      | G/G    | T/T         | G/G    |
| 766           | T/T        | C/C     | G/A       | T/T   | T/T         | G/G         | T/T       | T/T   | G/A        | T/A        | C/C      | A/A    | C/C         | G/G    |
| 767           | T/T        | T/T     | A/A       | T/T   | T/T         | G/G         | T/T       | C/C   | G/G        | T/A        | T/T      | A/A    | T/T         | G/G    |
| 768           | T/G        | C/C     | A/A       | T/T   | T/T         | G/G         | T/T       | T/T   | G/G        | A/A        | T/C      | A/A    | T/C         | G/G    |
| 769           | T/T        | C/C     | A/A       | T/T   | T/T         | G/G         | T/T       | T/T   | G/G        | T/A        | C/C      | A/A    | C/C         | G/G    |
| 770           | T/T        | C/C     | G/A       | T/C   | T/T         | G/G         | T/T       | C/C   | G/G        | T/A        | T/T      | A/A    | T/C         | G/G    |
| 771           | T/T        | C/C     | A/A       | T/T   | T/T         | G/G         | T/T       | T/T   | G/G        | T/A        | C/C      | G/G    | T/C         | G/G    |
| 772           | T/T        | T/C     | A/A       | T/T   | T/C         | G/G         | T/T       | T/C   | G/G        | T/A        | T/C      | G/A    | T/T         | G/G    |
| 773           | T/T        | C/C     | T/C       | T/T   | T/T         | G/G         | T/T       | T/T   | G/A        | T/A        | T/T      | A/A    | T/T         | G/G    |
| 774           | T/T        | T/C     | A/A       | T/T   | T/T         | G/G         | T/T       | T/T   | G/G        | A/A        | C/C      | G/G    | T/C         | G/G    |
| 775           | T/T        | C/C     | G/A       | T/T   | T/T         | G/G         | T/T       | T/T   | G/T        | T/T        | T/C      | G/A    | T/T         | G/G    |
| 776           | T/T        | C/C     | A/A       | T/T   | T/T         | G/G         | T/T       | T/T   | C/C        | G/G        | T/T      | A/A    | T/C         | G/G    |
| 777           | T/T        | T/C     | A/A       | T/T   | T/T         | G/G         | T/T       | T/C   | G/A        | A/A        | T/C      | G/A    | T/C         | G/G    |
| 778           | T/T        | T/C     | G/A       | T/C   | T/T         | G/G         | T/T       | T/T   | G/T        | T/A        | T/C      | G/A    | T/C         | G/G    |
| 779           | T/T        | T/C     | A/A       | T/T   | T/T         | G/G         | T/T       | T/T   | G/A        | T/A        | T/C      | G/A    | T/C         | G/G    |
| 780           | T/T        | C/C     | A/A       | T/T   | T/T         | G/G         | T/T       | T/T   | G/A        | T/T        | C/C      | G/G    | T/C         | G/G    |
| 781           | T/T        | C/C     | G/A       | T/C   | T/T         | G/G         | T/T       | T/C   | G/G        | T/T        | T/C      | G/A    | T/C         | G/G    |
| 782           | T/T        | T/C     | A/A       | T/T   | T/T         | G/G         | T/T       | T/T   | G/A        | T/A        | T/C      | G/A    | T/C         | G/G    |
| 783           | T/T        | T/C     | A/A       | T/C   | T/T         | G/G         | T/T       | T/T   | G/A        | T/A        | C/C      | G/A    | T/C         | G/G    |
| 784           | T/T        | C/C     | A/A       | T/T   | T/T         | G/G         | T/T       | T/T   | G/G        | T/A        | C/C      | G/A    | T/C         | G/G    |
| 785           | T/G        | C/C     | A/A       | T/C   | T/T         | G/G         | T/T       | T/T   | G/A        | T/A        | C/C      | G/A    | T/C         | G/A    |
| 786           | T/T        | C/C     | G/A       | T/T   | T/T         | G/G         | T/T       | T/T   | G/A        | A/A        | C/C      | G/A    | T/C         | G/A    |
| 787           | T/T        | T/T     | A/A       | T/T   | T/T         | G/G         | T/T       | T/T   | G/A        | T/A        | T/C      | G/A    | T/C         | G/G    |
| 788           | T/T        | C/C     | A/A       | T/T   | T/T         | G/G         | T/T       | T/T   | G/A        | T/A        | T/T      | A/A    | T/T         | G/G    |
| 789           | T/T        | C/C     | A/A       | T/T   | T/T         | G/G         | T/T       | T/T   | G/A        | T/A        | C/C      | G/A    | T/C         | G/G    |
| 790           | T/G        | T/C     | A/A       | T/T   | T/T         | G/G         | T/T       | T/T   | G/A        | A/A        | C/C      | A/A    | T/T         | G/G    |
| 791           | T/T        | T/C     | A/A       | T/T   | T/C         | G/A         | T/T       | T/C   | G/A        | T/A        | T/C      | A/A    | T/C         | G/G    |
| 792           | T/T        | C/C     | G/A       | T/C   | T/T         | G/G         | T/T       | T/T   | G/G        | T/T        | T/C      | G/A    | T/T         | G/G    |
| Sample number | rs10064525 | rs27072 | rs1042098 | rs6347 | rs10770140 | rs10770141 | rs3842727 | rs6356 | rs11575553 | rs12666409 | rs129882 | rs129915 | rs1611114 | rs5320 |
|---------------|------------|---------|-----------|--------|------------|------------|-----------|--------|------------|------------|----------|----------|-----------|--------|
| 793           | T/T        | C/C     | A/A       | T/T    | T/C        | G/A        | T/T       | C/C    | G/G        | T/T        | C/C      | G/A      | T/C       | G/G    |
| 794           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | C/C    | G/A        | T/T        | C/C      | G/A      | T/C       | G/G    |
| 795           | T/T        | C/C     | G/A       | T/C    | T/C        | G/A        | T/T       | T/C    | G/G        | T/T        | C/C      | G/A      | T/C       | G/G    |
| 796           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | T/T    | G/A        | T/T        | T/T      | A/A      | T/C       | G/A    |
| 797           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | G/T    | T/T        | T/T        | T/T      | A/A      | T/T       | G/G    |
| 798           | T/T        | C/C     | G/G       | T/C    | T/T        | G/G        | T/T       | G/T    | T/A        | T/C        | G/A      | T/C       | G/G       | G/G    |
| 799           | T/T        | C/C     | A/A       | T/C    | T/T        | G/G        | T/T       | G/A    | T/T        | T/C        | A/A      | C/C      | G/G       | G/G    |
| 800           | T/T        | C/C     | A/A       | T/T    | T/T        | G/G        | T/T       | G/A    | T/A        | C/C        | G/G      | T/T      | G/G       | G/G    |
| 801           | T/T        | C/C     | G/A       | T/C    | T/T        | G/G        | T/T       | G/T    | T/C        | G/A        | T/T      | G/G      | T/G       | G/G    |