**Supplementary Table 1**. Variant frequencies within the X and core promoter binding regions. Values reported to values 0.5%-99.5%; values between 5-95% are highlighted in green.

*X promoter*: 1101-1121

| Genotype | Position | Variant Frequency | Variant Nucleotide(s) |
|---|---|---|---|
| A | 1113 | 4.40% | C |
| A | 1113 | 95.40% | T |
| B | 1117 | 99.40% | A |
| B | 1117 | 0.60% | G |
| B | 1116 | 86.00% | A |
| B | 1116 | 2.60% | C |
| B | 1116 | 11.40% | G |
| B | 1113 | 7.70% | C |
| B | 1113 | 91.60% | T |
| B | 1108 | 98.00% | A |
| B | 1108 | 0.70% | C |
| B | 1108 | 1.10% | G |
| B | 1107 | 99.10% | C |
| B | 1107 | 0.90% | T |
| B | 1103 | 99.30% | A |
| B | 1103 | 0.70% | G |
| C | 1113 | 0.70% | C |
| C | 1113 | 0.70% | G |
| C | 1113 | 98.40% | T |
| C | 1108 | 94.30% | A |
| C | 1108 | 3.80% | C |
| C | 1108 | 1.00% | G |
| C | 1108 | 1.00% | T |
| C | 1105 | 99.30% | C |
| C | 1105 | 0.50% | G |
| C | 1104 | 33.70% | C |
| C | 1104 | 66.00% | G |
| C | 1103 | 46.90% | A |
| C | 1103 | 53.00% | G |
| C | 1102 | 2.00% | A |
| C | 1102 | 97.40% | C |
| C | 1101 | 2.30% | C |
| C | 1101 | 97.60% | T |
| D | 1117 | 98.60% | A |
| D | 1117 | 0.50% | G |
| D | 1117 | 0.50% | T |
| D | 1108 | 99.30% | A |
| D | 1108 | 0.50% | C |
| D | 1101 | 0.60% | C |
| D | 1101 | 99.30% | T |

| | | | |
|---|---|---|---|
| E | 1113 | 32.00% | C |
| E | 1113 | 67.60% | T |
| E | 1110 | 1.60% | A |
| E | 1110 | 98.00% | G |
| E | 1108 | 88.00% | A |
| E | 1108 | 10.40% | C |
| E | 1108 | 1.60% | G |
| E | 1104 | 1.60% | A |
| E | 1104 | 98.40% | G |
| F | 1117 | 98.80% | A |
| F | 1117 | 0.80% | G |
| F | 1108 | 98.80% | A |
| F | 1108 | 1.00% | C |
| H | 1116 | 96.20% | A |
| H | 1116 | 3.80% | C |
| H | 1108 | 96.20% | A |
| H | 1108 | 3.80% | C |

3

4 *NREBP*: nts 1611-1619

| Genotype | Position | Variant Frequency | Variant Nucleotide(s) |
|---|---|---|---|
| A | 1613 | 4.90% | A |
| A | 1613 | 95.10% | G |
| A | 1612 | 90.20% | A |
| A | 1612 | 9.80% | C |
| B | 1617 | 99.40% | A |
| B | 1617 | 0.60% | C |
| B | 1613 | 19.70% | A |
| B | 1613 | 80.30% | G |
| B | 1612 | 98.90% | A |
| B | 1612 | 0.90% | G |
| C | 1613 | 22.70% | A |
| C | 1613 | 77.30% | G |
| D | 1613 | 7.30% | A |
| D | 1613 | 92.70% | G |
| E | 1618 | 98.80% | C |
| E | 1618 | 1.20% | T |
| E | 1613 | 5.70% | A |
| E | 1613 | 94.30% | G |
| F | 1613 | 2.00% | A |
| F | 1613 | 98.00% | G |
| G | 1617 | 5.10% | A |
| G | 1617 | 94.90% | G |
| G | 1613 | 97.40% | A |
| G | 1613 | 2.60% | G |
| H | 1617 | 98.10% | A |

| | | | |
|---|---|---|---|
| H | 1617 | 1.90% | C |

*C/EBP-HNF4(1)*: nts 1644-1672

| Genotype | Maximum | Variant Frequency | Variant Nucleotide(s) |
|---|---|---|---|
| A | 1659 | 98.90% | A |
| A | 1659 | 1.00% | C |
| A | 1653 | 96.80% | C |
| A | 1653 | 3.20% | T |
| B | 1645 | 97.10% | A |
| B | 1645 | 2.70% | C |
| C | 1665 | 0.60% | A |
| C | 1665 | 99.40% | C |
| C | 1661 | 0.60% | A |
| C | 1661 | 99.40% | G |
| C | 1659 | 97.00% | A |
| C | 1659 | 2.90% | C |
| C | 1658 | 1.00% | A |
| C | 1658 | 98.70% | G |
| C | 1655 | 1.60% | C |
| C | 1655 | 98.30% | T |
| C | 1653 | 87.80% | C |
| C | 1653 | 12.20% | T |
| C | 1652 | 95.70% | A |
| C | 1652 | 4.30% | G |
| C | 1647 | 1.50% | C |
| C | 1647 | 98.50% | G |
| D | 1665 | 3.00% | A |
| D | 1665 | 97.00% | C |
| D | 1661 | 1.30% | A |
| D | 1661 | 98.70% | G |
| D | 1659 | 98.60% | A |
| D | 1659 | 1.40% | C |
| D | 1655 | 0.50% | C |
| D | 1655 | 99.50% | T |
| D | 1653 | 90.90% | C |
| D | 1653 | 9.10% | T |
| D | 1652 | 97.50% | A |
| D | 1652 | 2.50% | G |
| D | 1647 | 1.90% | A |
| D | 1647 | 98.10% | G |
| E | 1659 | 98.40% | A |
| E | 1659 | 1.60% | C |
| E | 1653 | 93.50% | C |
| E | 1653 | 6.50% | T |
| E | 1652 | 98.80% | A |

| | | | |
|---|---|---|---|
| E | 1652 | 0.80% | G |
| E | 1649 | 98.80% | C |
| E | 1649 | 1.20% | T |
| E | 1648 | 1.20% | G |
| E | 1648 | 98.40% | T |
| F | 1665 | 16.10% | A |
| F | 1665 | 83.70% | C |
| F | 1659 | 56.30% | A |
| F | 1659 | 43.50% | C |
| F | 1658 | 12.10% | A |
| F | 1658 | 1.20% | C |
| F | 1658 | 86.30% | G |
| F | 1655 | 1.60% | C |
| F | 1655 | 98.20% | T |
| F | 1653 | 97.00% | C |
| F | 1653 | 3.00% | T |
| F | 1648 | 5.20% | C |
| F | 1648 | 94.80% | T |
| F | 1646 | 98.60% | A |
| F | 1646 | 1.20% | G |
| F | 1645 | 1.20% | A |
| F | 1645 | 98.00% | C |
| F | 1645 | 0.80% | T |
| G | 1659 | 94.90% | A |
| G | 1659 | 2.60% | C |
| G | 1659 | 2.60% | T |
| G | 1653 | 5.10% | C |
| G | 1653 | 94.90% | T |
| G | 1652 | 94.90% | A |
| G | 1652 | 5.10% | G |
| G | 1649 | 5.10% | A |
| G | 1649 | 94.90% | G |
| G | 1648 | 94.90% | A |
| G | 1648 | 5.10% | T |
| G | 1647 | 94.90% | C |
| G | 1647 | 5.10% | G |
| G | 1645 | 33.30% | A |
| G | 1645 | 66.70% | G |
| H | 1670 | 96.20% | A |
| H | 1670 | 3.80% | T |
| H | 1661 | 7.70% | A |
| H | 1661 | 92.30% | G |
| H | 1658 | 3.80% | A |
| H | 1658 | 96.20% | G |
| H | 1653 | 92.30% | C |

| | | | |
|---|---|---|---|
| H | 1653 | 7.70% | T |
| H | 1652 | 96.20% | A |
| H | 1652 | 3.80% | G |
| H | 1647 | 96.20% | A |
| H | 1647 | 3.80% | C |

*Site1: HNF3(1)-FTF*: nts 1679-1700

| Genotype | Maximum | Variant Frequency | Variant Nucleotide(s) |
|---|---|---|---|
| B | 1688 | 4.20% | A |
| B | 1688 | 95.60% | G |
| B | 1687 | 95.70% | C |
| B | 1687 | 4.30% | T |
| B | 1683 | 1.00% | C |
| B | 1683 | 1.20% | G |
| B | 1683 | 97.80% | T |
| B | 1680 | 98.90% | A |
| B | 1680 | 0.90% | C |
| B | 1679 | 98.90% | A |
| B | 1679 | 0.90% | G |
| C | 1688 | 1.40% | A |
| C | 1688 | 98.60% | G |
| C | 1680 | 99.00% | A |
| C | 1680 | 0.90% | C |
| C | 1679 | 90.80% | A |
| C | 1679 | 1.30% | C |
| C | 1679 | 7.70% | G |
| D | 1694 | 98.00% | C |
| D | 1694 | 2.00% | T |
| D | 1679 | 92.90% | A |
| D | 1679 | 1.90% | C |
| D | 1679 | 5.10% | G |
| E | 1693 | 98.80% | A |
| E | 1693 | 0.80% | T |
| E | 1691 | 99.20% | C |
| E | 1691 | 0.80% | G |
| F | 1700 | 98.80% | A |
| F | 1700 | 0.80% | G |
| F | 1699 | 98.80% | A |
| F | 1699 | 1.20% | C |
| F | 1697 | 97.20% | C |
| F | 1697 | 2.40% | T |
| F | 1695 | 99.20% | A |
| F | 1695 | 0.80% | C |
| F | 1694 | 0.80% | C |
| F | 1694 | 99.20% | G |

| | | | |
|---|---|---|---|
| F | 1693 | 0.80% | A |
| F | 1693 | 99.20% | G |
| F | 1692 | 0.80% | C |
| F | 1692 | 0.80% | G |
| F | 1692 | 98.20% | T |
| F | 1689 | 96.60% | A |
| F | 1689 | 3.40% | C |
| F | 1688 | 33.70% | C |
| F | 1688 | 66.10% | G |
| F | 1687 | 1.20% | C |
| F | 1687 | 98.40% | T |
| F | 1685 | 99.00% | A |
| F | 1685 | 0.80% | C |
| F | 1684 | 99.00% | C |
| F | 1684 | 0.80% | T |
| F | 1682 | 0.80% | A |
| F | 1682 | 99.20% | G |
| F | 1681 | 99.00% | G |
| F | 1681 | 1.00% | T |
| F | 1680 | 45.00% | A |
| F | 1680 | 44.40% | C |
| F | 1680 | 4.00% | G |
| F | 1680 | 6.70% | T |
| F | 1679 | 98.60% | A |
| F | 1679 | 1.40% | G |
| G | 1697 | 94.90% | G |
| G | 1697 | 5.10% | T |
| G | 1695 | 10.30% | A |
| G | 1695 | 5.10% | C |
| G | 1695 | 84.60% | G |
| G | 1694 | 5.10% | C |
| G | 1694 | 94.90% | G |
| G | 1693 | 5.10% | A |
| G | 1693 | 94.90% | G |
| G | 1688 | 94.90% | A |
| G | 1688 | 5.10% | G |
| G | 1679 | 5.10% | A |
| G | 1679 | 94.90% | T |
| H | 1681 | 3.80% | A |
| H | 1681 | 96.20% | G |

*Site 2: HNF3(2)-Sp1(1)*: nts 1713-1740

| Genotype | Position | Variant Frequency | Variant Nucleotide(s) |
|---|---|---|---|
| A | 1740 | 66.20% | C |
| A | 1740 | 33.80% | T |

| | | | |
|---|---|---|---|
| A | 1739 | 1.10% | A |
| A | 1739 | 98.80% | G |
| A | 1727 | 33.30% | A |
| A | 1727 | 66.70% | G |
| A | 1721 | 2.00% | A |
| A | 1721 | 98.00% | G |
| A | 1719 | 99.00% | G |
| A | 1719 | 0.70% | T |
| A | 1717 | 1.20% | A |
| A | 1717 | 98.60% | G |
| B | 1740 | 4.30% | C |
| B | 1740 | 95.30% | T |
| B | 1739 | 1.80% | A |
| B | 1739 | 98.20% | G |
| B | 1738 | 97.50% | A |
| B | 1738 | 2.50% | T |
| B | 1730 | 0.60% | A |
| B | 1730 | 98.90% | G |
| B | 1727 | 0.50% | A |
| B | 1727 | 1.90% | C |
| B | 1727 | 3.20% | G |
| B | 1727 | 94.40% | T |
| B | 1726 | 38.50% | A |
| B | 1726 | 61.30% | C |
| B | 1725 | 98.70% | A |
| B | 1725 | 1.20% | G |
| B | 1724 | 0.80% | C |
| B | 1724 | 99.10% | T |
| B | 1721 | 1.80% | A |
| B | 1721 | 98.20% | G |
| B | 1719 | 0.60% | C |
| B | 1719 | 98.60% | G |
| B | 1719 | 0.70% | T |
| C | 1740 | 1.00% | C |
| C | 1740 | 98.90% | T |
| C | 1739 | 0.50% | A |
| C | 1739 | 99.30% | G |
| C | 1730 | 0.70% | A |
| C | 1730 | 99.30% | C |
| C | 1728 | 1.00% | A |
| C | 1728 | 99.00% | G |
| C | 1727 | 57.60% | A |
| C | 1727 | 42.20% | G |
| C | 1726 | 99.00% | A |
| C | 1726 | 0.90% | C |

| | | | |
|---|---|---|---|
| C | 1724 | 1.20% | C |
| C | 1724 | 98.70% | T |
| C | 1721 | 22.80% | A |
| C | 1721 | 77.20% | G |
| C | 1719 | 45.60% | G |
| C | 1719 | 54.30% | T |
| D | 1740 | 0.60% | C |
| D | 1740 | 99.40% | T |
| D | 1739 | 0.50% | A |
| D | 1739 | 97.80% | G |
| D | 1739 | 1.70% | T |
| D | 1730 | 0.90% | A |
| D | 1730 | 98.50% | C |
| D | 1728 | 1.10% | A |
| D | 1728 | 98.90% | G |
| D | 1727 | 78.20% | A |
| D | 1727 | 21.70% | G |
| D | 1724 | 5.40% | C |
| D | 1724 | 94.60% | T |
| D | 1719 | 2.40% | C |
| D | 1719 | 0.50% | G |
| D | 1719 | 97.00% | T |
| E | 1727 | 92.20% | A |
| E | 1727 | 7.80% | G |
| E | 1719 | 1.20% | G |
| E | 1719 | 98.80% | T |
| E | 1718 | 1.20% | C |
| E | 1718 | 98.80% | T |
| F | 1740 | 66.10% | C |
| F | 1740 | 33.90% | T |
| F | 1727 | 21.00% | A |
| F | 1727 | 78.60% | G |
| F | 1726 | 98.60% | A |
| F | 1726 | 1.40% | C |
| F | 1721 | 94.80% | A |
| F | 1721 | 5.20% | G |
| G | 1739 | 94.90% | A |
| G | 1739 | 5.10% | G |
| G | 1736 | 94.90% | A |
| G | 1736 | 5.10% | G |
| G | 1730 | 5.10% | C |
| G | 1730 | 94.90% | G |
| G | 1727 | 5.10% | A |
| G | 1727 | 94.90% | T |
| G | 1726 | 5.10% | A |

| | | | |
|---|---|---|---|
| G | 1726 | 94.90% | C |
| G | 1725 | 5.10% | A |
| G | 1725 | 94.90% | G |
| G | 1721 | 2.60% | A |
| G | 1721 | 5.10% | G |
| G | 1721 | 92.30% | T |
| H | 1721 | 88.50% | A |
| H | 1721 | 11.50% | G |

11

12 *Sp1(2)*: nts 1743-1752

| Genotype | Position | Variant Frequency | Variant Nucleotide(s) |
|---|---|---|---|
| B | 1752 | 53.60% | A |
| B | 1752 | 2.40% | C |
| B | 1752 | 42.10% | G |
| B | 1752 | 1.80% | T |
| B | 1751 | 1.90% | A |
| B | 1751 | 97.70% | G |
| B | 1750 | 98.90% | A |
| B | 1750 | 0.90% | T |
| B | 1748 | 1.10% | A |
| B | 1748 | 98.80% | G |
| B | 1747 | 99.10% | A |
| B | 1747 | 0.60% | C |
| C | 1752 | 96.90% | A |
| C | 1752 | 2.50% | T |
| D | 1752 | 83.80% | A |
| D | 1752 | 13.10% | C |
| D | 1752 | 2.80% | T |
| E | 1752 | 95.50% | A |
| E | 1752 | 4.50% | C |
| F | 1745 | 98.60% | G |
| F | 1745 | 1.20% | T |
| G | 1752 | 5.10% | A |
| G | 1752 | 94.90% | T |
| G | 1748 | 5.10% | G |
| G | 1748 | 94.90% | T |
| G | 1746 | 94.90% | A |
| G | 1746 | 5.10% | G |
| G | 1745 | 94.90% | C |
| G | 1745 | 5.10% | G |
| H | 1752 | 11.50% | C |
| H | 1752 | 88.50% | T |

13

14 *TBP-LSF/HNF4(2)-TBP*: nts 1758-1776

| Genotype | Position | Variant Frequency | Variant Nucleotide(s) |
|---|---|---|---|

| | | | |
|---|---|---|---|
| A | 1773 | 1.60% | C |
| A | 1773 | 98.40% | T |
| A | 1768 | 2.90% | A |
| A | 1768 | 0.70% | G |
| A | 1768 | 96.10% | T |
| A | 1766 | 93.30% | C |
| A | 1766 | 6.10% | T |
| A | 1764 | 30.60% | A |
| A | 1764 | 69.10% | G |
| A | 1762 | 71.30% | A |
| A | 1762 | 28.50% | T |
| A | 1758 | 1.10% | C |
| A | 1758 | 98.80% | T |
| B | 1775 | 96.40% | A |
| B | 1775 | 3.10% | G |
| B | 1773 | 88.40% | C |
| B | 1773 | 11.60% | T |
| B | 1768 | 2.30% | A |
| B | 1768 | 97.60% | T |
| B | 1766 | 97.60% | C |
| B | 1766 | 2.30% | T |
| B | 1764 | 16.00% | A |
| B | 1764 | 84.00% | G |
| B | 1762 | 83.70% | A |
| B | 1762 | 16.20% | T |
| B | 1760 | 99.10% | A |
| B | 1760 | 0.80% | G |
| C | 1775 | 79.40% | A |
| C | 1775 | 0.50% | C |
| C | 1775 | 20.10% | G |
| C | 1773 | 97.90% | C |
| C | 1773 | 1.70% | T |
| C | 1768 | 3.10% | A |
| C | 1768 | 96.60% | T |
| C | 1766 | 94.80% | C |
| C | 1766 | 5.00% | T |
| C | 1764 | 50.90% | A |
| C | 1764 | 48.90% | G |
| C | 1762 | 51.90% | A |
| C | 1762 | 47.90% | T |
| C | 1760 | 97.00% | A |
| C | 1760 | 2.80% | G |
| C | 1758 | 6.00% | C |
| C | 1758 | 93.20% | T |
| D | 1775 | 98.00% | A |

| | | | |
|---|---|---|---|
| D | 1775 | 0.50% | C |
| D | 1775 | 1.50% | G |
| D | 1773 | 60.20% | C |
| D | 1773 | 39.70% | T |
| D | 1772 | 98.30% | A |
| D | 1772 | 0.60% | G |
| D | 1772 | 0.60% | T |
| D | 1768 | 2.60% | A |
| D | 1768 | 97.20% | T |
| D | 1766 | 0.80% | A |
| D | 1766 | 85.90% | C |
| D | 1766 | 9.70% | G |
| D | 1766 | 3.50% | T |
| D | 1765 | 0.60% | G |
| D | 1765 | 99.10% | T |
| D | 1764 | 25.10% | A |
| D | 1764 | 0.70% | C |
| D | 1764 | 66.80% | G |
| D | 1764 | 7.40% | T |
| D | 1762 | 76.10% | A |
| D | 1762 | 23.30% | T |
| D | 1761 | 93.40% | A |
| D | 1761 | 6.10% | C |
| D | 1758 | 1.20% | C |
| D | 1758 | 98.80% | T |
| E | 1775 | 98.00% | A |
| E | 1775 | 1.60% | C |
| E | 1773 | 98.80% | C |
| E | 1773 | 1.20% | T |
| E | 1772 | 98.80% | A |
| E | 1772 | 0.80% | C |
| E | 1769 | 0.80% | A |
| E | 1769 | 99.20% | T |
| E | 1768 | 96.50% | C |
| E | 1768 | 3.10% | G |
| E | 1764 | 12.20% | A |
| E | 1764 | 87.50% | G |
| E | 1762 | 87.10% | A |
| E | 1762 | 0.80% | C |
| E | 1762 | 11.80% | T |
| E | 1761 | 97.30% | A |
| E | 1761 | 2.40% | C |
| E | 1760 | 99.20% | A |
| E | 1760 | 0.80% | G |
| E | 1759 | 2.40% | C |

| | | | |
|---|---|---|---|
| E | 1759 | 97.60% | T |
| F | 1773 | 0.60% | A |
| F | 1773 | 42.50% | C |
| F | 1773 | 56.90% | T |
| F | 1768 | 3.60% | A |
| F | 1768 | 96.40% | T |
| F | 1766 | 96.40% | C |
| F | 1766 | 3.60% | T |
| F | 1765 | 0.80% | C |
| F | 1765 | 99.20% | T |
| F | 1764 | 24.40% | A |
| F | 1764 | 75.60% | G |
| F | 1762 | 76.00% | A |
| F | 1762 | 24.00% | T |
| G | 1775 | 97.40% | A |
| G | 1775 | 2.60% | G |
| G | 1773 | 5.10% | C |
| G | 1773 | 94.90% | T |
| G | 1768 | 2.60% | A |
| G | 1768 | 97.40% | T |
| G | 1765 | 92.30% | C |
| G | 1765 | 7.70% | T |
| G | 1764 | 97.40% | A |
| G | 1764 | 2.60% | G |
| G | 1762 | 2.60% | A |
| G | 1762 | 97.40% | T |
| H | 1773 | 3.80% | C |
| H | 1773 | 96.20% | T |
| H | 1768 | 3.80% | A |
| H | 1768 | 96.20% | T |
| H | 1766 | 96.20% | C |
| H | 1766 | 3.80% | T |
| H | 1764 | 3.80% | A |
| H | 1764 | 96.20% | G |
| H | 1762 | 92.30% | A |
| H | 1762 | 7.70% | T |

*TBP (3)*: nts 1788-1795

| Genotype | Position | Variant Frequency | Variant Nucleotide(s) |
|---|---|---|---|
| A | 1790 | 13.00% | G |
| A | 1790 | 86.80% | T |
| G | 1795 | 2.60% | G |
| G | 1795 | 97.40% | T |

**Supplementary Table 2**. Single- and multiple-mutation frequencies per genotype.

| **HBV Genotype (n)** | **A (840)** | **B (1700)** | **C (2153)** | **D (948)** | **E (255)** | **F (248)** | **G (39)** | **H (26)** |
|---|---|---|---|---|---|---|---|---|
| High-risk HCC mutations: | | | | | | | | |
| C1653T | 25 (3%) | 28 (2%) | 258 (12%) | 83 (9%) | 16 (6%) | 7 (3%) | 37 (95%) | 2 (8%) |
| T1753V (non-T) | 62 (7%) | 83 (5%) | 411 (19%) | 164 (17%) | 38 (15%) | 32 (13%) | 2 (5%) | 3 (12%) |
| A1762T | 236 (28%) | 273 (16%) | 1014 (47%) | 218 (23%) | 30 (12%) | 59 (24%) | 0 (0%) | 0 (0%) |
| G1764A | 255 (30%) | 269 (16%) | 1079 (50%) | 236 (25%) | 31 (12%) | 60 (24%) | 0 (0%) | 0 (0%) |
| 1766T | 49 (6%) | 38 (2%) | 104 (5%) | 32 (3%) | 1 (0%) | 9 (4%) | 3 (8%) | 26 (100%) |
| 1768A | 24 (3%) | 39 (2%) | 64 (3%) | 25 (3%) | 1 (0%) | 9 (4%) | 0 (0%) | 0 (0%) |
| | | | | | | | | |
| A1762T+G1764A | 232 (28%) | 261 (15%) | 996 (46%) | 210 (22%) | 29 (11%) | 56 (23%) | 0 (0%) | 0 (0%) |
| 1766T+1768A | 20 (2%) | 33 (2%) | 42 (2%) | 22 (2%) | 1 (0%) | 7 (3%) | 0 (0%) | 0 (0%) |
| C1653T+T1753V | 6 (1%) | 8 (0%) | 36 (2%) | 12 (1%) | 4 (2%) | 2 (1%) | 0 (0%) | 0 (0%) |
| C1653T+A1762T+G1764A | 0 (0%) | 11 (1%) | 230 (11%) | 29 (3%) | 4 (2%) | 5 (2%) | 0 (0%) | 0 (0%) |
| T1753V+A1762T+G1764A | 0 (0%) | 54 (3%) | 366 (17%) | 123 (13%) | 11 (4%) | 40 (16%) | 0 (0%) | 0 (0%) |
| A1762T+G1764A+1766T | 0 (0%) | 4 (0%) | 41 (2%) | 18 (2%) | 1 (0%) | 2 (1%) | 0 (0%) | 0 (0%) |
| A1762T+G1764A+1766T+1768A | 0 (0%) | 1 (0%) | 6 (0%) | 9 (1%) | 1 (0%) | 0 (0%) | 0 (0%) | 0 (0%) |
| All 6 mutations | 0 (0%) | 0 (0%) | 0 (0%) | 1 (0%) | 1 (0%) | 0 (0%) | 0 (0%) | 0 (0%) |