| Genotypes 6 loci - data from one lab (HFE from 2 labs) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{array}{\|l} \begin{array}{l} \text { LDT* PCR/ } \\ \text { Luminex } \end{array} \\ \hline \end{array}$ | LDT PCR Luminex | LDT PCR/ Luminex, Idaho Technologies | LDT PCR/ Luminex | LDT PCR/ Luminex | LDT PCR/ Luminex |
| Coriell DNA number | Factor V (R506Q) | $\begin{array}{\|c\|} \hline \text { Factor II } \\ (\mathrm{G} 20210 \mathrm{~A}) \\ \hline \end{array}$ | $\begin{array}{\|c\|} \text { HFE } \\ \text { (C282Y, H63D, } \\ \text { S65C) (data } \\ \text { from 2 labs) } \\ \hline \end{array}$ | MTHFR (677T, A1298C) | $\begin{gathered} \text { AAT } \\ (\mathrm{S}=\mathrm{E} 264 \mathrm{~V}, \\ \mathrm{Z}=\mathrm{E} 342 \mathrm{~K}, \\ \mathrm{M}=\mathrm{WT}) \\ \hline \end{gathered}$ | $\begin{gathered} \text { PA11 } \\ (-675 \\ 4 \mathrm{G} / 5 \mathrm{G}) \end{gathered}$ |
| NA02016 | WT/WT | WT/WT | WT/WT | 1298A>C/WT | MM | 5G/4G |
| NA07439 | WT/WT | WT/WT | WT/WT | WT/WT | MM | 5G/5G |
| NA09301 | WT/WT | WT/WT | WT/WT | 677C>T/1298A>C | MM | 4G/4G |
| NA10005 | WT/WT | WT/WT | WT/WT | 677 C>T/WT | MM | 5G/5G |
| NA12244 | WT/WT | WT/WT | WT/WT | 1298 A>C/WT | MM | 5G/5G |
| NA12273 | WT/WT | WT/WT | WT/WT | 677C>T/1298A>C | MM | 4G/4G |
| NA16654 |  |  | WT/WT |  |  |  |
| NA16688 | WT/WT | WT/WT | WT/WT | 677 C>T/WT | MM | 4G/4G |
| NA16689 | WT/WT | WT/WT | WT/WT | $1298 \mathrm{~A}>\mathrm{C} / \mathrm{WT}$ | MM | 4G/4G |
| NA17019 |  |  | WT/WT |  |  |  |
| NA17020 | WT/WT | WT/WT | WT/WT | 1298A>C/WT | MM | 5G/4G |
| NA17039 | WT/WT | WT/WT | WT/WT | WT/WT | MM | 5G/4G |
| NA17052 | WT/WT | WT/WT | WT/WT | $677 \mathrm{C}>$ T/677C>T | MM | 5G/4G |
| NA17057 | WT/WT | WT/WT | WT/WT | 677C>T/677C>T | MM | 5G/4G |
| NA17058 | WT/WT | WT/WT | WT/WT | $677 \mathrm{C}>\mathrm{T} / 1298 \mathrm{~A}>\mathrm{C}$ | MM | 4G/4G |
| NA17073 |  |  | WT/WT |  |  |  |
| NA17075 |  |  | WT/WT |  |  |  |
| NA17078 | WT/WT | WT/WT | WT/WT | $677 \mathrm{C}>$ T/677C>T | MM | 4G/4G |
| NA17084 | WT/WT | WT/WT | WT/WT | $1298 \mathrm{~A}>\mathrm{C} / 1298 \mathrm{~A}>\mathrm{C}$ | MM | 5G/4G |
| NA17114 | WT/WT | WT/WT | WT/WT | 1298A>C/WT | MM | 5G/4G |
| NA17115 | WT/WT | WT/WT | WT/WT | WT/WT | MM | 5G/5G |
| NA17119 | WT/WT | WT/WT | WT/WT | WT/WT | MM | 5G/5G |
| NA17129 | WT/WT | WT/WT | WT/WT | $1298 \mathrm{~A} \times \mathrm{C} / \mathrm{WT}$ | MM | 5G/5G |
| NA17130 | WT/WT | WT/WT | WT/WT | WT/WT | MM | 5G/4G |
| NA17201 | WT/WT | WT/WT | WT/WT | 1298A>C/WT | MZ | 5G/5G |
| NA17203 | WT/WT | WT/WT | WT/WT | 1298A>C/1298A>C | MM | 4G/4G |
| NA17204 | R506Q/WT | WT/WT | WT/WT | 677C>T/1298A>C | MM | 5G/5G |
| NA17205 | WT/WT | WT/WT | WT/WT | 1298A>C/1298A>C | MM | 5G/5G |
| NA17206 | R506Q/WT | WT/WT | WT/WT | 1298A>C/1298A>C | MM | 5G/4G |
| NA17207 | WT/WT | WT/WT | WT/WT | 677 C>T/WT | MM | 4G/4G |
| NA17208 | WT/WT | WT/WT | WT/WT | $677 \mathrm{C}>$ T/677C>T | MM | 5G/5G |
| NA17209 | WT/WT | WT/WT | WT/WT | 677C>T/1298A>C | MM | 5G/5G |
| NA17210 | WT/WT | WT/WT | WT/WT | $1298 \mathrm{~A}>\mathrm{C} / 1298 \mathrm{~A}>\mathrm{C}$ | MM | 4G/4G |
| NA17211 | WT/WT | WT/WT | WT/WT | 677 C>T/WT | MM | 4G/4G |
| NA17212 |  |  | WT/WT |  |  |  |
| NA17213 | WT/WT | WT/WT | H63D/WT | 677 C>T/WT | MM | 4G/4G |
| NA17214 |  |  | WT/WT |  |  |  |
| NA17215 | R506Q/WT | WT/WT | WT/WT | 1298A>C/1298A>C | MM | 4G/4G |
| NA17216 | WT/WT | WT/WT | WT/WT | 677 C>T/WT | MM | 5G/4G |
| NA17217 |  |  | S65C/WT |  |  |  |
| NA17218 | WT/WT | WT/WT | H63D/WT | 1298A>C/WT | MM | 5G/4G |
| NA17219 | WT/WT | WT/WT | WT/WT | $677 \mathrm{C}>\mathrm{T} / 677 \mathrm{C}>$ T | MM | 5G/4G |
| NA17220 | WT/WT | WT/WT | WT/WT | WT/WT | MM | 4G/4G |
| NA17221 | WT/WT | WT/WT | WT/WT | 677 C>T/WT | MM | 4G/4G |
| NA17222 | WT/WT | WT/WT | WT/WT | 1298A>C/WT | MM | 5G/4G |
| NA17224 | WT/WT | WT/WT | H63D/WT | 677C>T/1298A>C | MZ | 4G/4G |
| NA17226 | WT/WT | WT/WT | WT/WT | WT/WT | MM | 5G/4G |
| NA17227 | WT/WT | WT/WT | WT/WT | 677 C>T/WT | MM | 56/5G |
| NA17228 | WT/WT | WT/WT | H63D/WT | $1298 \mathrm{~A}>\mathrm{C} / 1298 \mathrm{~A}>\mathrm{C}$ | MM | 5G/5G |


|  | LDT* PCR/ Luminex | LDT PCR/ Luminex | $\|$LDT PCRI <br> Luminex, Idaho <br> Technologies | LDT PCR/ Luminex | LDT PCR/ Luminex | LDT PCR/ Luminex |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Coriell DNA number | $\begin{aligned} & \text { Factor V } \\ & \text { (R506Q) } \\ & \hline \end{aligned}$ | $\begin{array}{\|c\|} \hline \text { Factor II } \\ (\mathrm{G} 20210 \mathrm{~A}) \\ \hline \end{array}$ | HFE <br> (C282Y, H63D, <br> Sf5C) (data <br> from 2 labs) | $\begin{gathered} \text { MTHFR } \\ \text { (677T, A1298C) } \\ \hline \end{gathered}$ | $\begin{gathered} \text { AAT } \\ \text { (S=E264V, } \\ \mathrm{Z}=\mathrm{E} 342 \mathrm{~K}, \\ \mathrm{M}=\mathrm{WT}) \end{gathered}$ | $\begin{gathered} \text { PAI11 } \\ (-675 \\ \hline \mathrm{G} / 5 \mathrm{G}) \end{gathered}$ |
| NA17230 | WT/WT | WT/WT | WT/WT | 677C>T/1298A>C | MM | 4G/4G |
| NA17231 |  |  | H63D/H63D |  |  |  |
| NA17232 | WT/WT | WT/WT | WT/WT | 677C>T/1298A>C | MM | 5G/4G |
| NA17233 |  |  | WT/WT |  |  |  |
| NA17234 |  |  | WT/WT |  |  |  |
| NA17235 | WT/WT | WT/WT | WT/WT | 1298A>C/WT | MM | 5G/5G |
| NA17236 |  |  | WT/WT |  |  |  |
| NA17237 | WT/WT | WT/WT | WT/WT | WT/WT | MM | 5G/4G |
| NA17240 | WT/WT | WT/WT | H63D/H63D | 677C>T/677C>T | MM | 4G/4G |
| NA17242 | WT/WT | WT/WT | WT/WT | $1298 \mathrm{~A} \times \mathrm{C} / \mathrm{W}$ T | MM | 5G/5G |
| NA17243 |  |  | H63D/WT |  |  |  |
| NA17244 |  |  | WT/WT |  |  |  |
| NA17245 | WT/WT | WT/WT | WT/WT | 1298A>C/WT | MM | 5G/4G |
| NA17246 | WT/WT | WT/WT | WT/WT | WT/WT | MZ | 5G/4G |
| NA17247 | WT/WT | WT/WT | WT/WT | 677C>T/677C>T | MM | 5G/4G |
| NA17248 | R506Q/WT | WT/WT | WT/WT | 677 C>T/WT | MM | 4G/4G |
| NA17249 |  |  | WT/WT |  |  |  |
| NA17252 | WT/WT | WT/WT | WT/WT | $677 \mathrm{C}>\mathrm{T} / 677 \mathrm{C}>$ T | MM | 5G/4G |
| NA17254 | WT/WT | WT/WT | S65C/WT | $677 \mathrm{C}>\mathrm{T} / 677 \mathrm{C}>$ T | MZ | 5G/4G |
| NA17256 | WT/WT | WT/WT | WT/WT | 677C>T/1298A>C | MM | 5G/4G |
| NA17257 |  |  | WT/WT |  |  |  |
| NA17260 | WT/WT | WT/WT | H63D/H63D | 677C>T/1298A>C | MM | 5G/4G |
| NA17261 |  |  | WT/WT |  |  |  |
| NA17262 | WT/WT | WT/WT | C282Y/WT | 677 C>T/WT | MS | 4G/4G |
| NA17263 |  |  | H63D/H63D |  |  |  |
| NA17264 |  |  | C282Y/WT |  |  |  |
| NA17265 |  |  | WT/WT |  |  |  |
| NA17267 |  |  | WT/WT |  |  |  |
| NA17268 |  |  | H63D/WT |  |  |  |
| NA17269 |  |  | WT/WT |  |  |  |
| NA17272 | WT/WT | WT/WT | WT/WT | 1298A>C/WT | MM | 5G/4G |
| NA17274 |  |  | WT/WT |  |  |  |
| NA17275 |  |  | H63D/WT |  |  |  |
| NA17276 |  |  | H63D/WT |  |  |  |
| NA17277 | WT/WT | WT/WT | WT/WT | 1298A>C/WT | MM | 5G/4G |
| NA17279 |  |  | WT/WT |  |  |  |
| NA17280 | WT/WT | WT/WT | WT/WT | 1298A>C/1298A>C | MM | 5G/4G |
| NA17281 | WT/WT | WT/WT | WT/WT | 677C>T/1298A>C | MM | 4G/4G |
| NA17282 |  |  | H63D/H63D |  |  |  |
| NA17283 |  |  | WT/WT |  |  |  |
| NA17285 | WT/WT | G20210A/W7 | S65C/WT | 677 C>T/WT | MM | 5G/5G |
| NA17286 |  |  | WT/WT |  |  |  |
| NA17287 |  |  | H63D/WT |  |  |  |
| NA17288 |  |  | WT/WT |  |  |  |
| NA17289 | WT/WT | WT/WT | WT/WT | 1298A>C/WT | MM | 5G/4G |
| NA17290 |  |  | H63D/WT |  |  |  |
| NA17291 |  |  | WT/WT |  |  |  |
| NA17292 |  |  | H63D/WT |  |  |  |
| NA17293 | WT/WT | WT/WT | H63D/WT | $677 \mathrm{C}>\mathrm{T} / 677 \mathrm{C}>\mathrm{T}$ | MM | 4G/4G |
| NA17295 |  |  | WT/WT |  |  |  |
| NA17296 | WT/WT | WT/WT | WT/WT | 677C>T/1298A>C | MM | 5G/4G |
| NA17298 | WT/WT | WT/WT | WT/WT | 677 C>T/WT | MM | 5G/4G |
| NA17300 | WT/WT | WT/WT | C282Y/WT | $677 \mathrm{C}>\mathrm{T} / 1298 \mathrm{~A}>\mathrm{C}$ | MM | 5G/5G |
| NA17438 | WT/WT | WT/WT | WT/WT | $677 \mathrm{C}>$ T/677C>T | MM | 5G/5G |
| NA17440 | WT/WT | WT/WT | WT/WT | $677 \mathrm{C}>$ T/677C>T | MM | 5G/4G |


|  | LDT* PCR/ Luminex | LDT PCR/ Lumine | LDT PCRI Luminex, Idaho Technologies | LDT PCR/ Luminex | LDT PCR/ Luminex | LDT PCR/ Luminex |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Coriell DNA number | Factor V (R506Q) | $\begin{aligned} & \text { Factor II } \\ & (\mathrm{G} 20210 \mathrm{~A}) \end{aligned}$ | $\begin{gathered} \text { HFE } \\ \text { (C282Y, H63D, } \\ \text { S65C) (data } \\ \text { from 2 labs) } \\ \hline \end{gathered}$ | MTHFR (677T, A1298C) | $\begin{gathered} \text { AAT } \\ \text { (S=E264V, } \\ \mathrm{Z}=\mathrm{E} 32 \mathrm{~K}, \\ \mathrm{M}=\mathrm{WT}) \\ \hline \end{gathered}$ | $\begin{gathered} \text { PA11 } \\ (-675 \\ 4 \mathrm{G} / 5 \mathrm{G}) \end{gathered}$ |
| NA17618 | R506Q/WT | WT/WT | WT/WT | 677 C>T/WT | MM | 5G/4G |
| Blank cells indicate no data available |  |  |  |  |  |  |
| *LDT - Laboratory developed test |  |  |  |  |  |  |

