

## Search for 1<sup>st</sup> haplotype that matches genotype:

022112222011221022021110220010110212202000102020120002021

5.16% 022222222020020022002020200020000200202000022022222202220  
4.37% 022020220202200020022022200002200200200000200222200002202  
4.36% 022020222022002000220222000022022200002200222200202220  
3.67% 022020222022200202202220202000022220000200002020002002  
3.66% 02222222202220220202002200000222202000002020220002022

## Get 2<sup>nd</sup> haplotype by removing 1<sup>st</sup> from genotype:

02200222200222002202202220020200202202000202020020002020

3.65% 0220200222022002000220222000022022200002200222200202222  
3.51% 02200222202022202220202220200222002200000002022220002220  
3.42% 02200222200222002220220020200202202000202020020002020  
3.24% 022222222020200000022020220020200202202000202020020002020  
3.22% 022002222002220022002020002220000202200000202022020202220