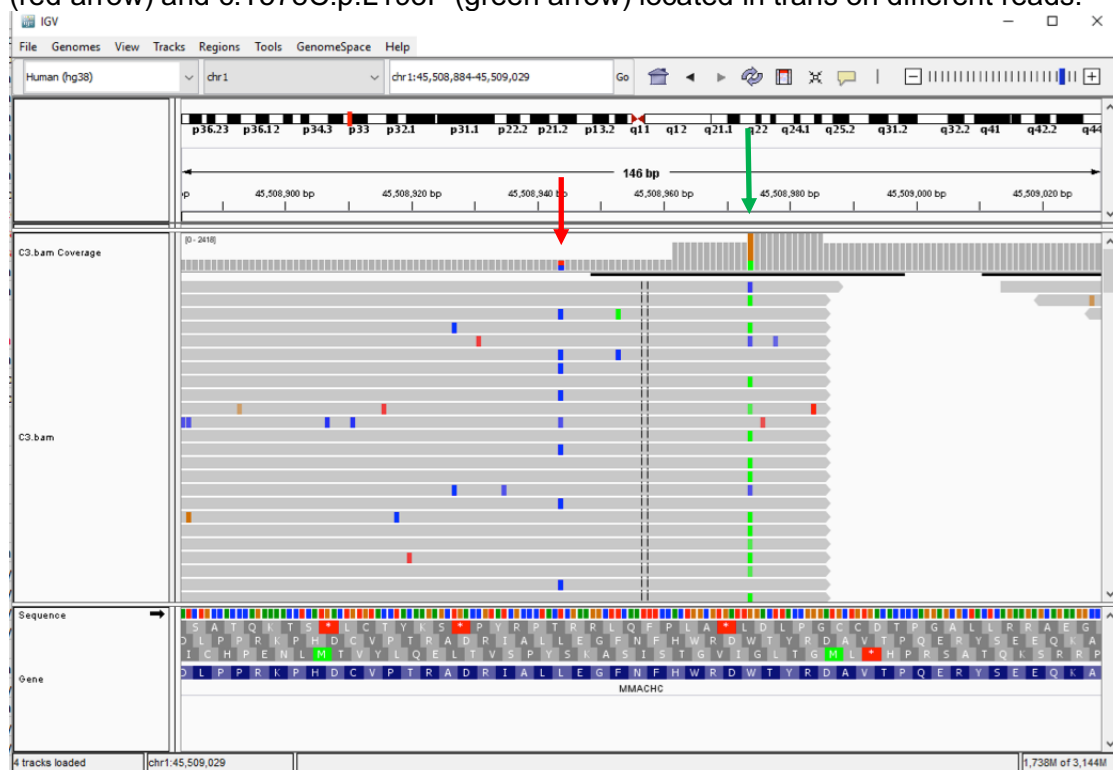


Supplementary Figure 6: Phasing sequence variants in five samples.

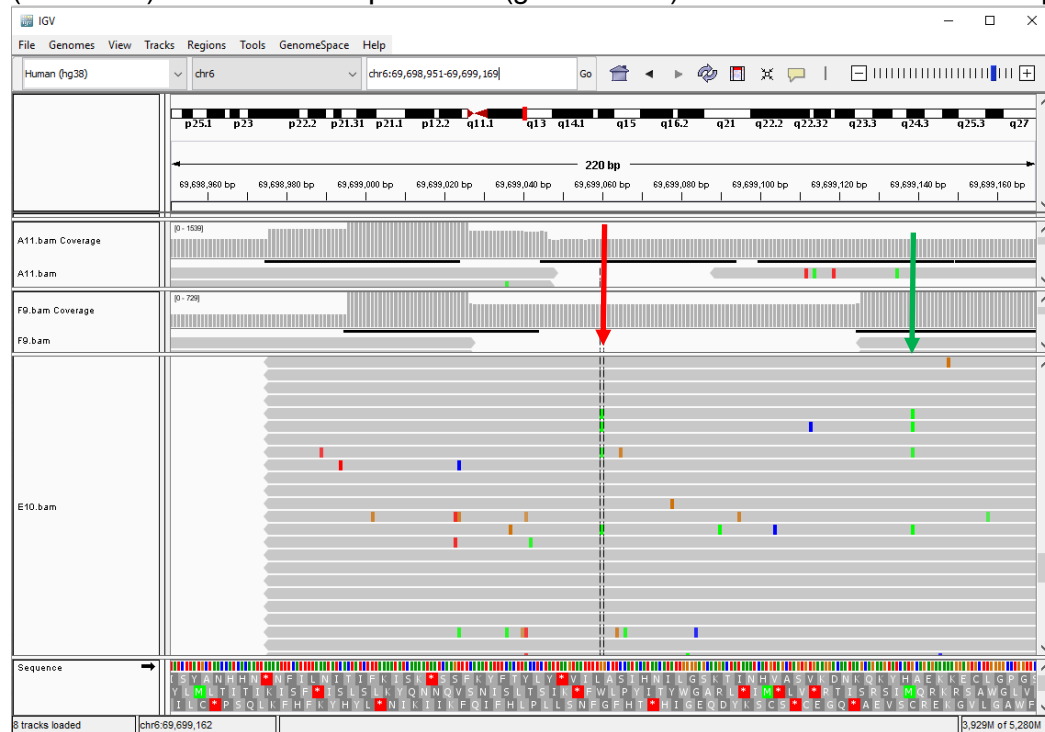
(a) Sample C3 (patient): IGV screenshot shows the two MMACHC variants c.G608A:p.W203X (red arrow) and c.T578C:p.L193P (green arrow) located in trans on different reads.



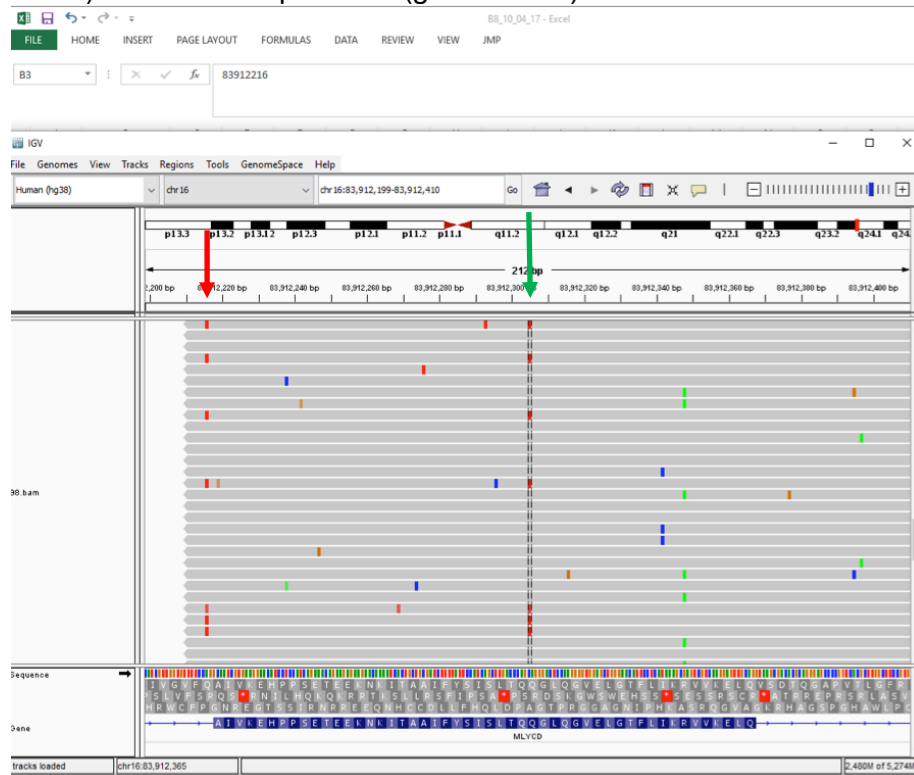
(b) Sample H10 (MMA.FP): IGV screenshot shows the two MUT variants c.1818delA:p.K606fs (red arrow) and c.G1810A:p.V604I (green arrow) located in cis on the same sequence reads.



(c) Sample E10 (MMA.FP): IGV screenshot shows LMBRD1 variants c.C1321T:p.Q441X (red arrow) and c.C1242T:p.C414C (green arrow) located in cis on same sequence reads.



(d) Sample B8 (MMA.FP): IGV screenshot shows the two MLYCD variants c.799-2A>T (red arrow) and c.C886T:p.Q296X (green arrow) located in cis on the same sequence reads.



(e) Sample H6 (control sample): IGV screenshot shows the two PAH variants c.A286T:p.K96X (red arrow) and c.A204T:p.R68S (green arrow) located in cis on the same sequence reads.

