

PROMISING CHROMOSOME 21 MULTIPLE MATCH

Using the GEDmatch 3cM match threshold, we find the following matches:

julian/randy

Chr	B37 Start Pos'n	B37 End Pos'n	Centimorgans (cM)	SNPs
21	36,679,830	37,809,408	3	203

Chr 21

Image size reduction: 1:5

john/randy

Chr	B37 Start Pos'n	B37 End Pos'n	Centimorgans (cM)	SNPs
21	36,677,687	37,824,911	3.1	212

Chr 21

Image size reduction: 1:8

ed /john

Chr	B37 Start Pos'n	B37 End Pos'n	Centimorgans (cM)	SNPs
21	36,816,352	38,721,309	4.1	229

Chr 21

We also find 3 missing matches:

julian and john



ed and julian



ed and randy

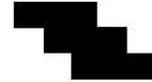


No matches are shown by GEDmatch in the last 3 comparisons, and we are left to speculate why. Of course, experimental error is large enough for many DNA service providers to set a 7cM minimum match threshold – so at the 3cM level we use, the results must be considered a little unreliable. At lower levels Q-match may validate the missing matches. It is interesting to note that this match was dismissed from Julian's 7 by 7 study, but reinstated in his 8 by 8 study, both of which were focussed on Lousada DNA. The overlap with Schoenberg DNA is of course interesting.

Though as just speculated we have may perhaps have found Schoenberg DNA at this chromosome 21 multiple match, we still need to explain the 1st 2 lines in the following chart from Julian's 7 by 7 study (noting the Ed/John match is covered above). MW and MD have no known Pressburg connections.

21	36238199	37557008	3.3	257	*McMac	Mwaas
21	36561598	37833931	3.4	236	*M Dugdale	Julian
21	36816352	38721309	4.1	229	Edmund.Barrow	JG

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Looking at these 2 further chromosome 21 matches:

Mike/Julian

Chr	B37 Start Pos'n	B37 End Pos'n	Centimorgans (cM)	SNPs
21	36,561,598	37,833,931	3.4	236

Chr 21



If this is a Lousada match, then the Schoenberg match above must be on the opposite DNA strand.

MW/Scotts wife

Chr	B37 Start Pos'n	B37 End Pos'n	Centimorgans (cM)	SNPs
21	36,238,199	37,557,008	3.3	257

Chr 21



If Scott's wife shows Lousada ancestry at this site, this match must refer to the opposite DNA strand. In searching for the common ancestor of Michael W and Scott's wife, it may be useful to note Michael Waas has a similarly large total match with Randy's mother and father (84.6cM cf 67.8cM respectively) as does Scott's wife (93.8cM cf 48.7cM respectively). That is, we will need to look in both sides of Randy's ancestry.