



GEDmatch® Autosomal One-to-one Comparison

Software Version Feb 12 2026 05 23 16

Useful YouTube video on using the One to One DNA comparison tool.

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Individual marker indications:

Base Pairs with Full Match	Green
Base Pairs with Half Match	Yellow
Match with Phased data	Purple
Base Pairs with No Match	Red

Validity of segments:

SNP Density 0 to 0.5. Darker blue means higher density.	Blue
Large gap between adjacent SNPs	Orange
No Match	Black

Comparing Kit ZZ9376049 (*Surffone) [23andMe] and Kit NJ5939229 (Kind Ladislaus I of Hungary) [Mytrueancestry]

Hard Breaks Checked for cM (2.0) if GAP is greater than 500000 Basis Pairs.

Minimum segment threshold size to be included in total = 100 SNPs.

Mismatch-bunching Limit will be adjusted to 60 percent of the segment threshold size for any given segment.

Chr	B37 Start Pos'n	B37 End Pos'n	Centimorgans (cM)	SNPs	Segment threshold	Bunch limit	SNP Density Ratio
1	12,164,090	13,819,683	3.2	281	100	60	0.51
1	15,772,933	17,908,650	3.4	485	100	60	0.45
1	237,845,083	239,466,347	3.4	530	100	60	0.41

Chr 1



Chr	B37 Start Pos'n	B37 End Pos'n	Centimorgans (cM)	SNPs	Segment threshold	Bunch limit	SNP Density Ratio
2	169,703,974	171,168,630	3.1	465	100	60	0.43
2	197,084,595	201,183,839	3	666	100	60	0.37

Chr 2



Image size reduction: 1/59

Chr 3



Image size reduction: 1/50

Chr	B37 Start Pos'n	B37 End Pos'n	Centimorgans (cM)	SNPs	Segment threshold	Bunch limit	SNP Density Ratio
4	1,509,817	3,668,995	3.1	530	100	60	0.47
4	185,331,977	186,897,534	6	650	100	60	0.49

Chr 4



Image size reduction: 1/46

Chr	B37 Start Pos'n	B37 End Pos'n	Centimorgans (cM)	SNPs	Segment threshold	Bunch limit	SNP Density Ratio
5	38,178,439	40,216,771	3.2	542	100	60	0.41

Chr 5



Image size reduction: 1/44

Chr 6



Image size reduction: 1/51

Chr	B37 Start Pos'n	B37 End Pos'n	Centimorgans (cM)	SNPs	Segment threshold	Bunch limit	SNP Density Ratio
7	153,150,189	154,074,097	3	302	100	60	0.49

Chr 7



Image size reduction: 1/40

Chr 8



Image size reduction: 1/39

Chr 9



Image size reduction: 1/33

Chr	B37 Start Pos'n	B37 End Pos'n	Centimorgans (cM)	SNPs	Segment threshold	Bunch limit	SNP Density Ratio
10	13,330,291	15,533,570	5.5	1,020	100	60	0.56
10	116,654,574	118,952,965	3.3	529	100	60	0.51

Chr 10



Image size reduction: 1/38

Chr	B37 Start Pos'n	B37 End Pos'n	Centimorgans (cM)	SNPs	Segment threshold	Bunch limit	SNP Density Ratio
11	273,808	1,475,499	4	396	100	60	0.53

Chr 11



Image size reduction: 1/36

Chr	B37 Start Pos'n	B37 End Pos'n	Centimorgans (cM)	SNPs	Segment threshold	Bunch limit	SNP Density Ratio
12	889,902	2,294,491	3.7	519	100	60	0.55
12	125,126,319	126,071,955	3	373	100	60	0.54

Chr 12



Image size reduction: 1/35

Chr 13



Image size reduction: 1/27

Chr 14



Image size reduction: 1/24

Chr	B37 Start Pos'n	B37 End Pos'n	Centimorgans (cM)	SNPs	Segment threshold	Bunch limit	SNP Density Ratio
15	27,698,463	29,426,861	5.5	359	100	60	0.51
15	58,213,833	59,697,949	3.6	571	100	60	0.53
15	99,203,496	101,200,212	4.2	809	100	60	0.51

Chr 15



Image size reduction: 1/23

Chr	B37 Start Pos'n	B37 End Pos'n	Centimorgans (cM)	SNPs	Segment threshold	Bunch limit	SNP Density Ratio
16	1,451,519	3,291,842	3.7	416	100	60	0.45

Chr 16



Image size reduction: 1/24

Chr	B37 Start Pos'n	B37 End Pos'n	Centimorgans (cM)	SNPs	Segment threshold	Bunch limit	SNP Density Ratio
17	9,058,214	9,706,979	3.2	283	100	60	0.55



Chr	B37 Start Pos'n	B37 End Pos'n	Centimorgans (cM)	SNPs	Segment threshold	Bunch limit	SNP Density Ratio
22	20,051,787	22,000,109	3.9	323	100	60	0.46



Largest segment = 6 cM

Total Half-Match segments (HIR) 75cM (2.091 Pct)

20 shared segments found for this comparison.

718867 SNPs used for this comparison.

63.842 Percent of SNPs are full identical.