



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.

[WATCH VIDEO](#) ▶

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.	Dark Blue
Large gap between adjacent SNPs	Orange
No Match	Black

Comparing Kit Z29376049 (*Surffone) [23andMe] and Kit K9269628 (*Ladislav I of Hungary) [23andMe]

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	321	100	60	0.59
1	15,772,933	17,908,650	3.4	579	100	60	0.54
1	237,852,141	239,466,347	3.4	674	100	60	0.52

Chr 1



Image size reduction: 1/71

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	580	100	60	0.54

Chr 2



Image size reduction: 1/74

Chr 3



Image size reduction: 1/63

Chr	B37 Start Pos'n	B37 End Pos'n	Centimorgans (cM)	SNPs	Segment threshold	Bunch limit	SNP Density Ratio
4	1,509,817	3,669,086	3.1	633	100	60	0.56
4	185,331,977	186,897,534	6	767	100	60	0.58

Chr 4



Image size reduction: 1/58

Chr 5



Image size reduction: 1/56

Chr	B37 Start Pos'n	B37 End Pos'n	Centimorgans (cM)	SNPs	Segment threshold	Bunch limit	SNP Density Ratio
6	121,029,949	124,923,486	4.1	1,262	100	60	0.59

Chr 6



Image size reduction: 1/63

Chr	B37 Start Pos'n	B37 End Pos'n	Centimorgans (cM)	SNPs	Segment threshold	Bunch limit	SNP Density Ratio
7	153,027,587	154,074,097	3.4	411	100	60	0.57



Image size reduction: 1/50



Image size reduction: 1/49



Image size reduction: 1/41

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	1,201	100	60	0.66



Image size reduction: 1/47

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	451	100	60	0.6



Image size reduction: 1/45



Image size reduction: 1/44



Image size reduction: 1/34

Chr	B37 Start Pos'n	B37 End Pos'n	Centimorgans (cM)	SNPs	Segment threshold	Bunch limit	SNP Density Ratio
14	89,564,988	90,596,297	3.2	410	100	60	0.63



Image size reduction: 1/30

Chr	B37 Start Pos'n	B37 End Pos'n	Centimorgans (cM)	SNPs	Segment threshold	Bunch limit	SNP Density Ratio
15	27,698,463	29,427,835	5.5	443	100	60	0.63
15	58,214,210	59,697,949	3.6	716	100	60	0.66
15	99,203,496	101,200,212	4.2	968	100	60	0.61



Image size reduction: 1/28



Image size reduction: 1/29

Chr	B37 Start Pos'n	B37 End Pos'n	Centimorgans (cM)	SNPs	Segment threshold	Bunch limit	SNP Density Ratio
17	9,059,488	9,706,979	3.2	328	100	60	0.63



Image size reduction: 1/26



Image size reduction: 1/28



Image size reduction: 1/18



Image size reduction: 1/23



Image size reduction: 1/14

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	390	100	60	0.56



Image size reduction: 1/14

Largest segment = 6 cM

Total Half-Match segments (HIR) 62.7cM (1.748 Pct)

16 shared segments found for this comparison.

892020 SNPs used for this comparison.

62.57 Percent of SNPs are full identical.