

Updated June 20, 2020  
The final version of this chart  
will have this notice removed

1<sup>st</sup> Born about 3692 BC / 5711 YBP / 27 Generations before Z140

DYS447-20+22 DYS456-14+15  
DYS449-20+27+26 DYS807-14+15  
DYS444-16+15 DYS413a-23+22  
DYS460-10+11 DYS510-18+17

Y-GATA-H4-10+9

Z140, Born about 2947 BC / 4100 YBP / 48 Generations before A196

DYS456-15+16 DYS460-11+10 DYS413a-22+21  
DYS437-16+15 Y-GATA-H4-9+10 DYS413b-25+24

DYS449-20+27+26+29 DYS456-15+14 DYS481-25+26  
DYS464-14+13 DYS607-15+14 DYS630-21+22+23  
DYS464a-15+16 DYS376-16+17 DYS510-17+18

A196, Born about 1326 BC / 3345 YBP / 51 Generations before A195

A1302 / FGC6044 / YFS42262  
A1303 / FGC6064 / YFS42263  
A1304 / FGC6065 / YFS42264  
A1305 / FGC6066 / YFS42265  
A1306 / FGC6067 / YFS42266  
A1307 / FGC6068 / YFS42267  
A1308 / FGC6069 / YFS42268  
A1309 / FGC6070 / YFS42269  
A1310 / FGC6071 / YFS42270  
A1311 / FGC6072 / YFS42271  
A1312 / FGC6073 / YFS42272

DYS391-10+9 DYS456b-13+14 DYS481-26+25  
DYS385-14+15 DYS464a-16+15 DYS414-9+23  
DYS392-11+10+9 DYS807-14+15 DYS388b-13+12<sup>\*</sup>

DYS456-16+15 DYS570-19+20 DYS712-23+22  
DYS437-15+16 DYS507-19+16 DYS626-26+22  
DYS464a-12+11+10 DYS334-16+15 DYS451-12+11

A1305 (Jones / Kaighn / Robertson MRCA), Born about 279 AD / 1740 YBP / 54 Generations before Y4895

STR mutation since A196  
DYS13b-24+23

STR mutation since A195  
DYS13a-21+22

DYS447-22+23 DYS13a-21+22  
DYS449-20+27+26+29 DYS715-24+25  
DYS607-15+14 DYS502-25+24  
Y-GATA-A10-13+14

Y4895 (Kaighn / Robertson MRCA), Born about 1348 AD / 671 YBP / 3 Generations before John McCaghn

### Legend and Notes

- According to John Ceier of MaxDNA.co.uk: "If we look at the Kaighn haplotype it is clear that it may well be a very unusual and hence a distinctive one! The following marker values are very rare indeed within Haplogroup I-YS311 => 8, DYS392 = 9 and DYS456 = 10 - and represent the unique haplotype signature of the Kaighns - and you should be looking to see if you can find other I matches that match on these 3 markers alone. These 3 markers values are the same as those from the I1 haplogroup node signature and match on these 3 markers alone. This discovery, we have also discovered that the value of DYS589 = 12 is also very rare and is therefore also a distinctive marker."
- Ken Nordwold's mutation rates include loci 1-67, 73-75, 86-92, 103-104 and 110. All rates derived from multiple sources provided by Duncan Robertson.
- Only the Huncuans for Kaighn model values shown. Multiple sources used, but the primary source is the Y-STR Allele Frequencies page on Ancestry.com compiled by Leo Little. FTNAs standards used. -00000 indicated by 0.0.
- Indicates all haplogroups represented in chart.
- Duncan is our link the first MacKean to court the Isle of Man.
- MDS1 (I1) is downstream from M170. To see the complete human Y-DNA haplotypes see <https://www.familytreeDNA.com/ydna-haplotypes.aspx>
- 11 STR values obtained from Ken Nordwold (2012)
- A1305 can be viewed on the YFull tree at <https://www.yfull.com/tree/A1305/>
- Fewer, Jack N. "Cross-cultural Estimation of the Human Genealogy Using Genomic-based Population Divergence Studies." American Journal of Physical Anthropology 105(5): 415-23, 2002.

### The Branches of the Kaighn Tree

Balachagan Kaighn Branch  
The Phunt Kaighn Branch  
Bartney Kaighn Branch  
Lueygho Kaighn Branch  
Sorensdale Kaighn Branch  
Conway Kaighn Branch  
Kerrowless Kaighn Branch  
Curnagh Kaighn Branch  
Balaucan Kaighn Branch  
Kek Malew Kaighn Branch

### Gitchead McCaghn's STR Haplotype (Kaighn Founder)

Marker	D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	D11	D12	D13	D14	D15	D16	D17	D18	D19	D20	D21	D22	D23	D24	D25	D26	D27	D28	D29	D30	D31	D32	D33	D34	D35	D36	D37	D38	D39	D40	D41	D42	D43	D44	D45	D46	D47	D48	D49	D50	D51	D52	D53	D54	D55	D56	D57	D58	D59	D60	D61	D62	D63	D64	D65	D66	D67	D68	D69	D70	D71	D72	D73	D74	D75	D76	D77	D78	D79	D80	D81	D82	D83	D84	D85	D86	D87	D88	D89	D90	D91	D92	D93	D94	D95	D96	D97	D98	D99	D100
D1	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																

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Marker	D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	D11	D12	D13	D14	D15	D16	D17	D18	D19	D20	D21	D22	D23	D24	D25	D26	D27	D28	D29	D30	D31	D32	D33	D34	D35	D36	D37	D38	D39	D40	D41	D42	D43	D44	D45	D46	D47	D48	D49	D50	D51	D52	D53	D54	D55	D56	D57	D58	D59	D60	D61	D62	D63	D64	D65	D66	D67	D68	D69	D70	D71	D72	D73	D74	D75	D76	D77	D78	D79	D80	D81	D82	D83	D84	D85	D86	D87	D88	D89	D90	D91	D92	D93	D94	D95	D96	D97	D98	D99	D100
D1	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																

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Marker	D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	D11	D12	D13	D14	D15	D16	D17	D18	D19	D20	D21	D22	D23	D24	D25	D26	D27	D28	D29	D30	D31	D32	D33	D34	D35	D36	D37	D38	D39	D40	D41	D42	D43	D44	D45	D46	D47	D48	D49	D50	D51	D52	D53	D54	D55	D56	D57	D58	D59	D60	D61	D62	D63	D64	D65	D66	D67	D68	D69	D70	D71	D72	D73	D74	D75	D76	D77	D78	D79	D80	D81	D82	D83	D84	D85	D86	D87	D88	D89	D90	D91	D92	D93	D94	D95	D96	D97	D98	D99	D100
D1	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																

## Kaighn Y-DNA STR Testing Results - With Ancestor Haplotypes Extrapolated

Y-STR Allele	D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	D11	D12	D13	D14	D15	D16	D17	D18	D19	D20	D21	D22	D23	D24	D25	D26	D27	D28	D29	D30	D31	D32	D33	D34	D35	D36	D37	D38	D39	D40	D41	D42	D43	D44	D45	D46	D47	D48	D49	D50	D51	D52	D53	D54	D55	D56	D57	D58	D59	D60	D61	D62	D63	D64	D65	D66	D67	D68	D69	D70	D71	D72	D73	D74	D75	D76	D77	D78	D79	D80	D81	D82	D83	D84	D85	D86	D87	D88	D89	D90	D91	D92	D93	D94	D95	D96	D97	D98	D99	D100
John McCaghn (1600)	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																
Richard McCaghn (1550)	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																
Robert Kaighn (1550)	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																
William Kaighn (1550)	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																
John Kaighn Sr. (1550)	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																
John Kaighn Sr. (1550)	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																
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