

# SNP Ages from Discover Tool

SNP	Date	Range start	Range end	No. of Tests	Tests with Origin	Lineages Below	Comment
<b>Haplogroup R</b>							
<b>Early Haplogroup R</b>							
R-M207	265672 BC	29700 BC	22100 BC	105,925	59,183	2	Haplogroup R-M207 represents the origin of the R haplogroup. It probably originated in Central Asia. Over 48% of the 57,154 FTDNA participants who declared their paternal origins declared one of the countries of the British Isles, including Ireland.
R-M173	19563 BC	22500 BC	16800 BC	104,930	58,548	2	Haplogroup R-M173 represents the origin of the R1 haplogroup. It probably also originated in Central Asia.
R-M343	16795 BC	19400 BC	14500 BC	88,161	48,505	2	Haplogroup R-M343 represents the origin of the R1b haplogroup. It originated in Eurasia. According to <a href="http://eupedia.com">eupedia.com</a> R1b is the most common haplogroup in Western Europe, reaching over 80% of the population in Ireland, the Scottish Highlands, western Wales, the Atlantic fringe of France, the Basque country and Catalonia. Over 48% of the FTDNA participants who declared their paternal origins declared one of the countries of the British Isles, including Ireland. Two branches have been omitted below M343.
2 branches omitted						4	
R-P297	12316 BC	14300 BC	10500 BC	85,351	46,821	2	Declared paternal origins: Ireland (inc.NI) (20%), England (16%), Scotland (11%), Wales (1.7%), UK (5%), and Germany (6%). The rest are from 130+ other countries.
R-M269	4353 BC	5300 BC	3600 BC	85,215	46,721	2	This is the most recent haplogroup that is predicted from STR tests. Two branches have been omitted below R-M269.
2 branches omitted						4	
R-P310	3289 BC	4000 BC	2600 BC	74,817	40,717	4	This haplogroup includes 70% of all the haplogroup R testers.
R-L151	2977 BC	3700 BC	2400 BC	74,779	40,072	5	According to Wikipedia this haplogroup is related to the period of Corded Ware or Beaker culture, in the Central part of Europe (possibly the Bohemia region). It is the most populous branch of R-M269, and is found in abundance along the Atlantic coasts of western Europe,. However it may have originated among or near the earlier Yamnaya culture, north of the Black Sea. It is the most recent common ancestor of <b>R-P312</b> , <b>R-U106</b> , and 3 smaller lineages.
<b>R-U106 Branch</b>							
R-U106	2928 BC	3600 BC	2300 BC	18,876	9,816	2	R-U106 is the smaller of the two main branches under R-L151. Although it is found all over Europe, and in countries that Europeans have migrated to, it is most significant in Germany and surrounding countries, Scandinavia, and Britain. It likely arose in Central Germany in the Corded Ware culture. Declared paternal origins: England (24%), Scotland (9%), Ireland (inc.NI) (8%), Wales (1%), UK (6%), and Germany (12%). The rest are from 65+ other countries.
R-Z2265	2882 BC	3650 BC	2250 BC	17,491	9,090	4	
2 branches omitted						12	
R-Z381	2654 BC	3300 BC	2050 BC	14,657	7,506	4	This is the common ancestor of <b>R-Z156</b> and <b>R-Z301</b> . Declared paternal origins: England (25%), Scotland (9%), Ireland (inc.NI) (8%), UK (6%), United States (15%), and Germany (12%). The rest are from 60+ other countries.
<b>Cheshire Group</b>							

# SNP Ages from Discover Tool

SNP	Date	Range start	Range end	No. of Tests	Tests with Origin	Lineages Below	Comment
R-Z156	2507 BC	3175 BC	1925 BC	3,480	1,730	8	Declared origin: British Isles (or a country in the British Isles) (49%), United States (14%), and Germany (12%). The rest are from 30+ other countries. across Europe and the New World.
R-Z306	2282 BC	2925 BC	1725 BC	2,628	1,263	2	Declared origins have a similar distribution to above. One branch is omitted below R-Z306.
1 branch omitted						2	
R-Z304	2100 BC	2775 BC	1600 BC	2,061	1,174	5	Declared origins have a similar distribution to above. One branch is omitted below R-Z304.
1 branch omitted						2	
R-DF98	2005 BC	2625 BC	1475 BC	802	453	7	Declared origin: British Isles (or a country in the British Isles) (52%), United States (18%) The rest were scattered across Europe, with Germany (9%) being the highest.
R-S1911	1792 BC	2425 BC	1250 BC	224	121	5	Declared origin: British Isles (or a country in the British Isles) 73, and United States 16. The rest were scattered across Europe, with Germany and Sweden having the highest number at 5.
R-FGC13445	1623 BC	2350 BC	1000 BC	47	20	3	Declared origin: Ireland (inc NI) 9, England/UK 6, United Staes 4.
R-FGC13446	1110 AD	675 AD	1425 AD	11	6	4	Declared origin: 6 specified an origin. England, 5 United States 1. FGC13446 represents a group of 46 SNPs that occurred between branches. The group was brought to England by the Norman Conquest and subsequent branches occurred after the date. One of the four known lineages under FGC13446 included 2 Dutton results.
R-FGC17097	1287 AD	75 AD	1575 AD	3	2	2	There are 3 FTDNA results from England, and they are all Warburtons from the Cheshire Group. There are 2 lineages, representing the Warburtons of Arley and the Warburtons of Partington. It is known these 2 lineages split around 1300 AD.
R-FGC17094	1510 AD	1150 AD	1750 AD	2	2		There are 2 FTDNA results from England, and they are Warburtons believed to be linked to the Warburtons of Arley Hall. One of these results represents a lineage that has been separate from the main Arley branch from before 1600 and probably from the 15th century.
<b>Lancashire Group</b>							
R-Z301	2458 BC	3100 BC	1900 BC	10,845	5,695	6	Declared origin: British Isles (or a country in the British Isles) (50%), United States (15%), and Germany (12%). The rest are from 50+ other countries. across Europe and the New World.
R-L48	2359 BC	3000 BC	1800 BC	8,774	4,691	7	Declared origins are from British Isles (near 50%), United States, Germany and 50+ other countries.
R-Z9	2142 BC	2750 BC	1600 BC	5,786	2,920	4	Declared origins are from British Isles (near 50%), United States, Germany and 50+ other countries.
R-Z30	2072 BC	2675 BC	1550 BC	4,171	2,088	3	Declared origins are from British Isles (over 50%), United States, and 35+ other countries.
3 branches omitted						9	
R-Z7	1689 BC	2125 BC	1125 BC	3,390	1,715	4	Declared origins are from British Isles (58%), United States, and 35+ other countries.
R-Z8	943 BC	1400 BC	550 BC	2,667	1,367	4	Declared origins are from British Isles (58%), United States, and 25+ other countries.
R-Z1	897 BC	1350 BC	500 BC	1,423	719	2	Declared origins are from British Isles (60%), United States, and 20+ other countries.
R-Z346	753 BC	1200 BC	375 BC	1,028	538	3	Declared origins are from British Isles (59%), United States, and 20+ other countries.
R-Z343	695 BC	1150 BC	325 BC	727	394	6	Declared origins are from British Isles (58%), United States, and 15+ other countries.
R-FGC11784	107 BC	500 BC	225 AD	221	170	6	Declared origins are from British Isles (65%), and United States (27%), and 7 other countries.
1 branch omitted						2	
R-S6881	345 AD	25 AD	600 AD	189	149	5	Declared origins include 88 from England or United Kingdom, 50 from the United States, 3 a from Ireland, 2 from Scotland, and 1 from each of Wales, France, Germany, Italy, the Czech Republic and Denmark. This distribution suggests R-S6881 occurred in England shortly after the Anglo-Saxon migrations. One branch below S6881 is omitted.
1 branch omitted						2	

# SNP Ages from Discover Tool

SNP	Date	Range start	Range end	No. of Tests	Tests with Origin	Lineages Below	Comment
R-FGC42045	810 AD	575 AD	1000 AD	154	107	6	Declared origins include 72 England or United Kingdom, 36 from the United States, 2 from Scotland, and 1 from each of Ireland, Wales, France, Germany and Denmark. The date of 810 AD is after the main Anglo-Saxon migrations to England, so it is likely to have occurred in England, with its presence in other countries due to onward migration.
<b>Lancashire Group - Main Branch</b>							
R-A11376	974 AD	750 AD	1175 AD	88	67	4	Declared origins include 50 from England or United Kingdom, 15 from the United States, 2 from Scotland, and 1 from each of Ireland, and Denmark. The date of 972 AD is roughly contemporary with the founding of Warburton village by the Saxon kingdom of Mercia.
R-A11378	1048 AD	751 AD	1284 AD	20	20	6	Declared origins include 12 from England or United Kingdom, and 6 from the United States.
R-A15056	1328 AD	1059 AD	1533 AD	9	9	2	The results are all Warburtons from the Lancashire group.
R-FT72032	1377 AD	1108 AD	1579 AD	7	7	5	The 2 A15056 results that are not also FT72032 include one that tested negative and one that is untested as FT72032 was not tested by BigY-500. FT190010 and A15053 are two separate lineages below FT72032.
R-FT190010	1552 AD	1246 AD	1761 AD	2	2	0	Both results are from members of the Warburton Lancashire group.
R-A15053	1584 AD	1282 AD	1788 AD	2	2	0	Both results are from members of the Warburton Lancashire group.
<b>Lancashire Group - Tottington</b>							
R-A11377	859 AD	600 AD	1075 AD	41	25	4	Declared origins include 14 from the United States, 8 from England, and there is 1 each from Wales, France and Germany.
R-A11379	874 AD	600 AD	1100 AD	36	22	2	Declared origins include 13 from the United States, 6 from England, and 1 each from Wales, France, and Germany. There is one complex downstream lineage with multiple branches, but the Warburton result from the Tottington clan is from a simple lineage with no branches, though it is a BigY-500 result which covers fewer SNPs than the BigY-700 test.
<b>R-P312 Branch No 1</b>							
R-P312	2801 BC	3475 AD	2200 BC	53,057	30,167	9	P312 is the largest branch under R-L151. It is generally found more on Europe's Atlantic Coast, and is often associated with Celtic cultures, although it pre-dated their emergence. Declared origins are from Ireland, England, Scotland, and 114 other countries. Its downstream lineages, include R-Z46516 and <b>R-Z290</b> .
R-Z46516	2704 BC	3375 BC	2125 BC	19,697	10,701	4	Declared origins are from the British Isles (including Ireland), United States, France, and 90+ other countries.
R-ZZ11	2679 BC	3350 BC	2100 BC	19,061	10,251	3	This is the common ancestor of <b>R-U152</b> and <b>R-DF27</b> . Declared origins are from the British Isles, United States, France, and 90+ other countries.
<b>R-P312 Branch No 2</b>							
R-P312	2801 BC	3475 AD	2200 BC	53,057	30,167	9	P312 is the largest branch under R-L151. It is generally found more on Europe's Atlantic Coast, and is often associated with Celtic cultures, although it pre-dated their emergence. Declared origins are from Ireland, England, Scotland, and 114 other countries. Its downstream lineages, include R-Z46516 and <b>R-Z290</b> .
R-Z290	2651 BC	3300 BC	2075 BC	30,171	17,579	2	Declared origins are from Ireland (36%), UK - particularly Scotland (36%), United States (13%), and 70+ other countries.
R-L21	2574 BC	3225 BC	2000 BC	30,159	17,512	2	R-L21 accounts for virtually all R-Z290 results. R-L21 is referred to by <a href="http://expedia.com">expedia.com</a> as the Atlantic Celtic branch. They arrived in Germany by 2500 BC and founded the Unetice culture. They spread west reaching Britain around 2100 BC and Ireland about 2000 BC.
R-S552	2559 BC	3200 BC	2000 BC	26,964	16,217	8	Declared origins have a similar distribution to above.
R-DF13	2462 BC	3100 BC	1900 BC	26,412	15,889	11	Declared origins have a similar distribution to above.

# SNP Ages from Discover Tool

SNP	Date	Range start	Range end	No. of Tests	Tests with Origin	Lineages Below	Comment
<b>South Cheshire (Below R-P312 No 1)</b>							
<b>R-U152</b>	2522 BC	3175 BC	1950 BC	8,590	4,460	14	R-U152 is referred to by <a href="https://www.expedia.com">expedia.com</a> as the Italo-Celtic branch. It was associated with the Bell Beaker culture in the Southern Germany, Alsace, Switzerland region. This culture evolved successively into the Urnfield, Hallstatt, and La Tene cultures which triggered a further expansion west to the Atlantic. Declared origins are from the British Isles (34%), Germany (12%), France (9%), Italy (7%), Switzerland (7%), (United States (10%), and 70+ other countries.
R-FT27293	2326 BC	3225 BC	1575 BC	48		2	Declared origins are 11 from England/UK, 5 from the United States, 2 each from Germany, France and Switzerland, and 5 others.
R-A274	2232 BC	3225 BC	1425 BC	28	22	4	Declared origins are 5 from England/UK, 4 from the United States, 2 each from Germany, France and Switzerland, and 3 others.
R-BY74637	1672 BC	2825 BC	750 BC	6	4	2	Declared origins are 2 from England, and 2 from the United States.
R-PH1424	1480 BC	2670 BC	550 BC	5	3	3	Declared origins are 2 from England, and 1 from the USA. There is one named and 2 unnamed linages below R-PH1424. The Warburton result forms one of the unnamed lineages which formed about 250 years after R-PH1424.
<b>Notts and Ashley Group (Below R-P312 No 1)</b>							
<b>R-DF27</b>	2598 BC	3250 BC	2025 BC	10,465	5,826	4	R-DF27 is referred to by <a href="https://www.expedia.com">expedia.com</a> as the Gallic and Iberian branch of the Proto-Celts. Whereas its sister branch R-L21 moved west into Britain, R-DF27 spread into France and headed south. Declared origins are Iberia (13%), British Isles (35%), United States (11%), France (8%) and 70+ other countries. The larger numbers from the UK and US compared with France and Iberia may reflect a testing bias as genetic testing is more common in the former countries.
R-ZZ12_1	2508 BC	3175 BC	1925 BC	4,202	2,672	28	Declared origins are 45% from the British Isles, 21% from Iberia and their former colonies, and 12% from the United States. The rest are from 50+ other countries.
R-BY3289	2464 BC	3375 BC	1700 BC	66	36	2	Declared origins are 11 from the British Isles, 18 from Europe , 6 from the United States and Canada, and 1from Mexico.
R-PH1011	1844 BC	2800 BC	1075 BC	16	15	2	There are 16 FTDNA results, including 15 who have specified their direct paternal origins. Of these 5 are from England/UK, 3 are from the United States, there are 2 each from Spain and Portugal, and 1 each from France, Sweden, and Mexico.
R-BY34793	1295 BC	2175 BC	575 BC	12	11	3	Declared origins are 4 from England/UK, 3 from the United States, 2 from Spain, and 1 each from France and Sweden.
R-PF5760	501 BC	1300 BC	125 AD	9	8	3	Declared origins are 4 are from England/UK, 2 from Spain, and 1 each from Sweden and the United States.
R-BY78345	308 BC	1100 BC	300 AD	7	6	2	Declared origins are 4 from England/UK, and 2 are from Spain. One of the lineages below R-BY78345, is R-FT302020 which includes the 2 testers whose origins are from Spain.
R-BY65512	97 AD	950 BC	550 AD	5	4	2	Declared origins are all from England or the UK.
R-BY115404	1132 AD	750 AD	1425 AD	4	4	2	Declared origins are all from England or the UK.
R-FT162667	1522 AD	1225 AD	1725 AD	3	3	2	The results are all Warburtons from England, and part of the Notts and Ashley Group.
R-FT163961	1718 AD	1475 AD	1875 AD	2	2	1	The results are both Warburtons, but neither from the Notts clan.
<b>Mongan-Warburton (Below R-P312 No 2)</b>							

# SNP Ages from Discover Tool

SNP	Date	Range start	Range end	No. of Tests	Tests with Origin	Lineages Below	Comment
R-Z39589	2421 BC	3075 BC	1850 BC	12,351	7,441	34	Declared origins are 39% from Ireland (inc. NI), 21% from Scotland, 17% from the rest of the United Kingdom, and 14% from the United States. The rest are from 45+ other countries.
R-DF49	2316 BC	3000 BC	1725 BC	6,614	3,938	6	Declared origins are 58% from Ireland (inc. NI), 14% from Scotland, 11% from the rest of the United Kingdom, and 12% from the United States. The rest are from 20+ other countries. Two branches are omitted below R-DF49.
2 branches omitted						7	
R-DF23	2044 BC	2675 BC	1500 BC	6,009	3,574	5	The proportion of declared origins from Ireland is up to 61%. Only 2% are from mainland Europe, the rest being from the British Isles or the New World. Three branches are omitted below R-DF23.
3 branches omitted						7	
R-M222	49 BC	350 BC	225 AD	5,272	3,268	2	The proportion of declared origins from Ireland is up to 65%. Only 1.5% are from mainland Europe, the rest being from the British Isles or the New World.
R-Z2959	21 AD	275 BC	275 AD	3,475	2,475	6	Declared origins are from Ireland (60)%, Scotland (14%), and mainland Europe (1.5%).The rest are from other parts of the British Isles or the New World.
R-S658	115 AD	175 BC	375 AD	3,064	2,168	2	Declared origins are from Ireland (64)%, Scotland (14%), and mainland Europe (1.4%, half from Sweden).The rest are from other parts of the British Isles or the New World. One branch is omitted below R-S658.
1 branch omitted						3	
R-DF105	252 AD	25 BC	475 AD	3,003	2,048	29	Declared origins are similar to above.
R-BY119411	630 AD	10 BC	1100 AD	4	4	2	Declared origins are 3 from Ireland and 1 from the United States. There are at least 2 lineages below R-BY119411.
R-FT407343	1161 AD	600 AD	1550 AD	2	2	2	Declared origins are one from Ireland, and one from the USA.
<b>Haplogroup J</b>							
J-M304	28000 BC	31900 BC	24000 BC	34,542	20,762	2	This marks the origin of the J haplogroup. It occurred in Western Asia amongst groups that had migrated from Africa. According to Wikipedia it is found in its greatest concentration in the Arabian peninsula. Outside of this region, it has a significant presence in other parts of the Middle East as well as in North Africa, the Horn of Africa, and Caucasus. It also has a moderate occurrence in Southern Europe, especially in central and southern Italy, Malta, Greece and Albania. Declared paternal origins: Saudi Arabia (23%), territories of the Old Soviet Empire (13%), British Isles (inc. Ireland) (5%), and Germany (4%). The rest are from 120+ other countries.
J-M172	25410 BC	29200 BC	22100 BC	15,418	9,493	3	This identifies the J2 branch of J, and is the subject of a Project at FTDNA. It is found in the highest concentrations in the Caucasus and the Fertile Crescent/Iraq and is found throughout the Mediterranean (including the Italian, Balkan, Anatolian and Iberian peninsulas and North Africa. Declared paternal origins: Saudi Arabia (9%), Old Soviet Empire (17%), British Isles (8%), Germany, (7%) and Italy (7%). The rest are from 100+ other countries.
J-M410	17622 BC	20400 BC	15200 BC	7,898	4,705	2	Declared origins: Saudi Arabia (13%), Old Soviet Empire (18%), British Isles (8%), Germany, (5%) and Italy (5%). The rest are from 120+ other countries.
1 branch omitted						2	
J-L26	14155 BC	16500 BC	12100 BC	7,188	4,388	2	Declared paternal origins are from Saudi Arabia, the Old Soviet Empire, Italy, and nearly 100 other countries. There are at least 2 lineages below J-L26.
2 branches omitted						4	

# SNP Ages from Discover Tool

SNP	Date	Range start	Range end	No. of Tests	Tests with Origin	Lineages Below	Comment
J-L24	11052 BC	12900 BC	9400 BC	2,512	1,493	3	This branch is also the subject of an FTDNA Project which identifies its origins in the Zagreb mountains. Declared origins: Saudi Arabia (19%), Old Soviet Empire (8%), British Isles (8%), Italy 6%). The rest are from 70+ other countries.
J-Z393	8334 BC	9800 BC	7000 BC	2,485	1,472	2	Declared origins include 83 countries with a spread similar to J-L24.
J-L25	6559 BC	7800 BC	5500 BC	2,472	1,461	2	This was roughly the time that early farmers began to spread across Europe from the Aegean area. The J haplogroup is believed to have been carried into Europe by this migration.
J-Z438	6525 BC	7800 BC	5400 BC	1,213	667	2	Declared origins: Saudi Arabia (11%), Near East/North Africa (10%), Old Soviet Empire (7%), British Isles (12%), and Germany/Italy./France 23% The rest are from Europe and the New World.
J-CTS1192	4682 BC	5700 BC	3800 BC	1,125	603	3	Declared origins: Saudi Arabia (12%), Near East/North Africa (12%), Old Soviet Empire (7%), British Isles (13%), and Germany/Italy./France 21%. The rest are from Europe and the New World.
J-FGC35503	2468 BC	3225 BC	1825 BC	214	175	8	39% of declared origins are from Saudi Arabia, 23% are from elsewhere in the Near East/North Africa, but just 4% (7 individuals) are from the territories of the old Soviet Empire. 11 individuals are from France, 8 are from England/Ireland/UK, and the rest are from Europe and the world
J-Z40002	1836 BC	2600 BC	1200 BC	60	55	3	19 declared origins are from the Arabian Peninsular, 6 re from elsewhere in the Near East/North Africa, 4 are from England/Ireland and 25 are from Europe or the New World. France is particularly well represented with 11.
J-Z39995	1588 BC	2350 BC	950 AD	41	38	2	13 declared origins are from the Arabian Peninsular, 6 are from elsewhere in the Near East/North Africa, 4 are from England or Ireland and 11 are from Europe or the New World. The number from France is only 2.
J-Z45879	979 AD	540 AD	1300 AD	4	4	3	The 4 results include the Garryhinch result, which sits in an unnamed branch with one other result. Two results claim Irish origin, including Garryhinch. However Richard of Dublin was born in England so the SNP almost certainly occurred in England.
Recent Origin 1 (Below R-P312 No 2)							
R-ZZ10-1	2448 BC	3188 BC	1875 AD	5,480	3,160	6	Declared Origins are 42% Ireland, 35% United Kingdom, and 16 % United States. The rest are from 35 other countries.
R-CTS10201	2330 BC	3075 BC	1700 AD	237	128	3	57 declared origins are from the UK (including 20 from Scotland, 20 from England and 12 stating UK), 34 are from Ireland, 14 are from Europe, 2 from Canada and 1 from Australia.
R-CTS3386	1377 BC	1975 BC	875 BC	226	126	4	distribution is as above
R-FT14391	1347 BC	1975 BC	825 BC	118	76	3	30 declared origins are from the UK, 23 are from Ireland, 13 are from the United States, 8 are from FinlanSweden, with 1 each from Canada and Australia.
R-FT44417	1312 BC	1975 BC	825 BC	22	12	2	9 declared origins are from England, with 2 from the UK, and 1 from the United States.
R-FT40913	920 AD	575 AD	1200 AD	19	11	2	This result is the only one of the 19 results that is not also positive for R-FT41120 (dated 1174 AD). The R-FT41120 positives are all classed as matches, and most of them are called Renshaw.
Recent Origin 2 (Below R-P312 No 2)							
R-ZZ10-1	2448 BC	3188 BC	1875 BC	5,480	3,160	6	Declared Origins are 42% Ireland, 35% United Kingdom, and 16 % United States. The rest are from 35 other countries.
R-Z253	2339 BC	2975 BC	1775 BC	3,738	2,116	12	Declared origins are UK (26%), Ireland (40%), United States (16%) and 30+ other countries.
R-Z2534	2280 BC	2925 BC	1725 BC	2,122	1,352	5	Declared origins are UK (29%), Ireland (42%), United States (16%) and 25+ other countries.
R-Z25-1	2258 BC	2900 BC	1700 BC	1,247	781	10	Declared origins are UK (45%), Ireland (20%), United States (19%) and 25 other countries.



# SNP Ages from Discover Tool

SNP	Date	Range start	Range end	No. of Tests	Tests with Origin	Lineages Below	Comment
R-Z2185	2055 BC	2675 BC	1500 BC	960	598	2	Declared origins are UK (45%), Ireland (23%), United States (21%) and 15 other countries.
4 branches omitted						21	
R-FTT21	1864 BC	2475 BC	1350 BC	554	376	29	Declared origins are UK (45%), Ireland (22%), United States (24%) and 10+ other countries.
R-FGC37003	1166 AD	850 AD	1400 AD	10	9	2	8 declared origins are from Scotland and 1 from the United States. 8 declared matches are also positive for R-FGC37015 (dated 1489 AD), and 7 of these are called McKellar
<b>Recent Origin 3</b>							
I-M170	25116 BC	28900 BC	21800 BC	41,069	23,132	2	I-M170 is the founding SNP of haplogroup I which is one of the most numerous haplogroups among European males, representing up to one-fifth of the male population, and being the continent's second major Y-DNA haplogroup after R.Haplogroup It has been found in multiple individuals belonging to the Gravettian culture. The Gravettians expanded westwards from the far corner of Eastern Europe, likely Russia, to Central Europe. Declared origins are the UK (33%), the United States/Canada (8%), Sweden (8%), other Scandinavian (9%), and Germany (10%). The rest are from 110+ different countries.
1 branch omitted						1	
I-M253	2572 BC	3225 BC	2000 BC	24,922	14,026	4	I-M253, also called haplotype I1, is the most common branch of haplogroup I in northern Europe. It is found mostly in Scandinavia and Finland, where it typically represent over 35% of the Y chromosomes. Associated with the Norse ethnicity, it is found in all places invaded by ancient Germanic tribes and the Vikings. After Scandinavia, the highest frequencies are in other Germanic-speaking regions, such as Germany, Austria, the Low Countries, England and the Scottish Lowlands, which all have between 10% and 20% of I-M253 lineages. Declared origins are the UK (33%), the United States/Canada (8%), Sweden (12%), other Scandinavian (14%), and Germany (10%). The rest are from 70+ different countries.
I-DF29	2418 BC	3050 BC	1850 BC	15,212	8,367	11	Declared origins are the UK (27%), the United States/Canada (11%), Sweden (15%), other Scandinavian (18%), and Germany (11%). The rest are from 65+ different countries.
I-Z58	2368 BC	3000 BC	1800 BC	6,812	3,680	2	Declared origins are the UK (30%), the United States/Canada (13%), Sweden (15%) and Germany (11%). The rest are from 50+ different countries.
I-Z139	2255 BC	2900 BC	1675 BC	1,367	679	4	Declared origins are the UK (16%), the United States/Canada (22%), and Germany (12%). The rest are from 35+ different countries.
I-S2293	2198 BC	2850 BC	1625 BC	852	488	3	Declared origins are the UK (40%), the United States/Canada (24%), and Germany (10%). The rest are from 26 different European countries.
I-S6277	2074 BC	2725 BC	1500 BC	486	276	2	Declared origins are the UK (43%), the United States/Canada (24%), and Germany (7%). The rest are from 13 different European countries.
I-Y15902	1964 BC	2625 BC	1400 BC	237	142	2	Declared origins are the UK (57%), and the United States/Canada (26%), The rest are from 13 different European countries. This distribution suggests that these lineages were established in the ancient British population, rather than introduced by later immigrations.
4 branches omitted						11	
I-A6591	189 AD	150 BC	475 AD	203	117	6	Declared origins are 70 from the UK and 34 from the United States/Canada, 6 from Ireland and 7 from 7 different European countries.
I-A6776	456 AD	25 AD	800 AD	17	10	3	Declared origins are 6 from England/UK and 3 from the United States/Canada, and 1 from Spain
I-A6780	542 AD	1 BC	950 AD	8	5	2	Declared origins are 3 from England and 2 from the United States/Canada
I-A6778	1577 AD	1375 AD	1725 AD	7	4	5	Declared origins are 3 from England and 1 from the United States
I-FT8431	1624 AD	1400 AD	1775 AD	3	2	2	2 identified matches, both called Williams
I-FT8314	1672 AD	1425 AD	1850 AD	2	1	2	Declared origin is United States

# SNP Ages from Discover Tool

SNP	Date	Range start	Range end	No. of Tests	Tests with Origin	Lineages Below	Comment
							<b>Notes:</b>
							1. The SNPs column represents branches in the haplotree. The SNP may be representative of a number of SNPs that occurred between two branches. Some branches have been omitted if dates and number of tests are similar.
							2. Dates are calculated from a database of DNA tests including the FTDNA Y-DNA database, and external databases including ancient DNA samples. FTDNA applies a TMRCA (time to most recent common ancestor) algorithm to calculate a date and range based on the number of SNPs that have occurred since the SNP in question.
							3. The number of tests is the number of tests that have identified the SNP in question, and the number of testers that have also declared their country of origin.
							4. Lineages below is the number of separate branches that share the SNP in question.