

L513 SNP Age Estimates as of 11/1/2019

SNP	Parent	Avg years/SNP	Formed Age ybp	TMRCa Age ybp	Formed Age	TMRCa Age
A1063	A1067	71.03	462	249	1488 AD	1701 AD
A1066	A1063	67.86	407	271	1543 AD	1679 AD
A1067	Z17815	70.96	536	465	1414 AD	1485 AD
A1069	FGC32127	71.81	856	640	1094 AD	1310 AD
A1072	A1075	74.51	298	149	1652 AD	1801 AD
A1075	Z17815	75.81	313	237	1637 AD	1713 AD
A11132	A11138	79.17	713	158	1238 AD	1792 AD
A11138	Z17911	79.17	792	713	1158 AD	1238 AD
A11235	BY11280	77.55	776	465	1174 AD	1485 AD
A16846	Z17299	69.09	484	207	1466 AD	1743 AD
A3	S5982	79.93	1162	1082	788 AD	868 AD
A5862	A5863	69.09	138	0	1812 AD	1950 AD
A5863	A5867	69.09	276	138	1674 AD	1812 AD
A5867	FT120206	69.09	415	276	1535 AD	1674 AD
A7	S5668	83.23	2968	2884	1018 BC	934 BC
A7711	BY2634	71.70	645	430	1305 AD	1520 AD
A8	A3	72.84	1323	1105	627 AD	845 AD
BY102866	L577	69.09	622	345	1328 AD	1605 AD
BY105431	Y21310	69.09	691	622	1259 AD	1328 AD
BY11124	BY19748	88.37	2916	1591	966 BC	359 AD
BY11127	L513	105.56	3061	1161	1111 BC	789 AD
BY11128	BY11157	86.36	86	0	1864 AD	1950 AD
BY11131	Z23516	100.00	100	0	1850 AD	1950 AD
BY11134	BY11146	82.61	909	743	1041 AD	1207 AD
BY11136	BY4030	84.44	1013	844	937 AD	1106 AD
BY11141	BY11153	74.51	1565	1416	385 AD	534 AD
BY11142	Z23516	90.48	452	271	1498 AD	1679 AD
BY11146	BY11151	88.37	1149	707	801 AD	1243 AD
BY11148	BY11153	73.08	1608	1169	342 AD	781 AD
BY11150	L192.1	105.56	317	106	1633 AD	1844 AD
BY11151	BY11124	88.37	1591	1149	359 AD	801 AD
BY11153	BY2979	73.79	1955	1586	5 BC	364 AD
BY11154	BY11157	84.44	169	84	1781 AD	1866 AD
BY11157	BY4029	85.39	384	128	1566 AD	1822 AD
BY11158	BY4029	80.85	566	404	1384 AD	1546 AD
BY11163	Z23532	95.00	665	95	1285 AD	1855 AD
BY11165	BY11146	95.00	475	380	1475 AD	1570 AD
BY11171	BY11154	84.44	84	0	1866 AD	1950 AD
BY11174	ZS347	82.61	248	83	1702 AD	1867 AD
BY11175	BY3093	61.29	490	368	1460 AD	1582 AD
BY11177	P66	66.67	133	67	1817 AD	1883 AD
BY11178	Z21269	76.77	345	269	1605 AD	1681 AD
BY11183	BY4148	73.79	775	701	1175 AD	1249 AD
BY11184	BY11178	76.00	304	152	1646 AD	1798 AD

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SNP	Parent	Avg years/SNP	Formed Age ybp	TMRCAs Age ybp	Formed Age	TMRCAs Age
BY11186	BY11203	65.52	721	131	1229 AD	1819 AD
BY11187	BY24557	73.08	292	146	1658 AD	1804 AD
BY11188	BY3093	66.67	200	133	1750 AD	1817 AD
BY11189	BY11191	79.17	317	238	1633 AD	1713 AD
BY11191	ZS347	80.00	360	280	1590 AD	1670 AD
BY11193	FGC13495	86.36	345	173	1605 AD	1777 AD
BY11194	BY11178	77.55	233	78	1717 AD	1872 AD
BY11196	BY11191	80.85	243	162	1707 AD	1788 AD
BY11199	Z16337	67.86	271	136	1679 AD	1814 AD
BY11200	BY11207	77.55	155	0	1795 AD	1950 AD
BY11203	S7828	69.09	829	553	1121 AD	1397 AD
BY11204	BY11207	74.51	298	149	1652 AD	1801 AD
BY11205	BY11188	66.67	133	67	1817 AD	1883 AD
BY11207	BY4027	76.00	380	228	1570 AD	1722 AD
BY11210	BY651	70.37	1267	1126	683 AD	824 AD
BY11212	ZS4578	63.33	380	253	1570 AD	1697 AD
BY11214	BY11238	84.44	253	84	1697 AD	1866 AD
BY11216	BY11226	77.55	776	698	1174 AD	1252 AD
BY11217	FGC30219	77.55	310	233	1640 AD	1717 AD
BY11219	FGC31823	70.37	211	141	1739 AD	1809 AD
BY11220	BY11240	62.30	561	436	1389 AD	1514 AD
BY11221	BY651	82.61	826	496	1124 AD	1454 AD
BY11224	FGC30225	82.61	496	330	1454 AD	1620 AD
BY11226	A8	77.55	931	776	1019 AD	1174 AD
BY11227	FGC30221	73.08	1023	877	927 AD	1073 AD
BY11233	FGC39649	77.55	78	0	1872 AD	1950 AD
BY11234	FGC39649	70.37	422	281	1528 AD	1669 AD
BY11237	Z17296	69.09	415	276	1535 AD	1674 AD
BY11238	BY11221	84.44	422	253	1528 AD	1697 AD
BY11239	A3	102.70	308	205	1642 AD	1745 AD
BY11240	FGC39900	62.30	685	561	1265 AD	1389 AD
BY11241	FGC39512	69.09	345	276	1605 AD	1674 AD
BY11242	FGC39508	74.51	298	224	1652 AD	1726 AD
BY11244	A5863	69.09	138	0	1812 AD	1950 AD
BY11246	Z17296	74.51	149	75	1801 AD	1875 AD
BY11247	BY4017	73.08	585	512	1365 AD	1438 AD
BY11248	A1063	74.51	75	0	1875 AD	1950 AD
BY11250	FGC32661	69.09	345	207	1605 AD	1743 AD
BY11251	BY408	66.67	400	267	1550 AD	1683 AD
BY11252	ZW06	59.38	891	772	1059 AD	1178 AD
BY11255	BY117793	67.86	475	271	1475 AD	1679 AD
BY11256	BY3151	58.46	526	409	1424 AD	1541 AD
BY11259	Z17804	64.41	258	129	1692 AD	1821 AD
BY11260	BY3151	61.29	368	245	1582 AD	1705 AD

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SNP	Parent	Avg years/SNP	Formed Age ybp	TMRCa Age ybp	Formed Age	TMRCa Age
BY11261	BY11288	71.70	358	215	1592 AD	1735 AD
BY11262	BY11288	73.08	292	146	1658 AD	1804 AD
BY11264	BY11274	76.00	304	228	1646 AD	1722 AD
BY11265	BY4794	79.17	396	317	1554 AD	1633 AD
BY11270	BY390	77.55	155	0	1795 AD	1950 AD
BY11274	BY20148	76.00	760	304	1190 AD	1646 AD
BY11277	ZS5207	57.58	345	0	1605 AD	1950 AD
BY11278	ZS5207	57.58	345	230	1605 AD	1720 AD
BY11279	Z16407	74.51	522	373	1428 AD	1577 AD
BY11280	FGC32363	77.55	931	776	1019 AD	1174 AD
BY11281	BY2745	65.52	721	655	1229 AD	1295 AD
BY11283	Z17804	67.86	68	0	1882 AD	1950 AD
BY11284	Z17631	84.44	84	0	1866 AD	1950 AD
BY11285	BY359	60.32	121	60	1829 AD	1890 AD
BY11286	Z17631	80.85	243	81	1707 AD	1869 AD
BY11288	BY553	72.38	398	326	1552 AD	1624 AD
BY11289	FGC13411	78.08	1067	989	883 AD	961 AD
BY114232	A11235	77.55	465	78	1485 AD	1872 AD
BY11524	FGC32625	80.85	485	243	1465 AD	1707 AD
BY11526	FGC35131	82.61	83	0	1867 AD	1950 AD
BY11527	BY11524	79.17	317	158	1633 AD	1792 AD
BY11529	BY4029	56.72	1531	1475	419 AD	475 AD
BY11530	BY11529	56.72	1475	1418	475 AD	532 AD
BY11552	BY11246	74.51	75	0	1875 AD	1950 AD
BY11554	BY57900	77.55	698	620	1252 AD	1330 AD
BY11555	BY207	97.44	487	390	1463 AD	1560 AD
BY11556	BY15302	70.37	563	493	1387 AD	1457 AD
BY11557	A1075	79.17	79	0	1871 AD	1950 AD
BY11558	BY3152	73.08	950	438	1000 AD	1512 AD
BY11559	ZS4584	77.55	931	853	1019 AD	1097 AD
BY11564	BY449	76.00	228	152	1722 AD	1798 AD
BY11565	BY15419	53.52	1606	1552	344 AD	398 AD
BY11573	Z17911	58.46	1578	1462	372 AD	488 AD
BY11574	BY13832	82.61	330	83	1620 AD	1867 AD
BY117793	BY55195	67.86	679	475	1271 AD	1475 AD
BY130126	BY4794	70.37	774	704	1176 AD	1246 AD
BY135613	BY13843	77.55	155	78	1795 AD	1872 AD
BY13832	BY4148	81.72	449	368	1501 AD	1582 AD
BY13842	BY135613	77.55	78	0	1872 AD	1950 AD
BY13843	S7834	77.55	776	155	1174 AD	1795 AD
BY13845	ZS349	70.37	352	211	1598 AD	1739 AD
BY13846	FGC8039	55.88	615	503	1335 AD	1447 AD
BY13848	FGC8039	62.30	249	125	1701 AD	1825 AD
BY13850	Z16854	84.44	253	84	1697 AD	1866 AD

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SNP	Parent	Avg years/SNP	Formed Age ybp	TMRCa Age ybp	Formed Age	TMRCa Age
BY13852	Z18491	105.56	317	106	1633 AD	1844 AD
BY13854	FGC13503	108.57	1086	869	864 AD	1081 AD
BY13856	BY13857	65.52	524	459	1426 AD	1491 AD
BY13857	BY53200	65.52	590	524	1360 AD	1426 AD
BY14106	S7834	76.00	836	380	1114 AD	1570 AD
BY14130	FGC9779	70.37	844	633	1106 AD	1317 AD
BY14138	BY11221	80.85	566	404	1384 AD	1546 AD
BY14207	BY14106	76.00	380	152	1570 AD	1798 AD
BY14240	Z16386	92.68	2410	1576	460 BC	374 AD
BY15236	BY651	74.51	1118	447	832 AD	1503 AD
BY15302	A1069	70.37	704	563	1246 AD	1387 AD
BY154146	SK1245	69.09	622	207	1328 AD	1743 AD
BY154160	FGC32230	69.09	967	760	983 AD	1190 AD
BY15419	BY11573	55.88	1565	1509	385 AD	441 AD
BY15420	BY15419	58.46	1403	1345	547 AD	605 AD
BY158715	FGC32082	82.61	330	248	1620 AD	1702 AD
BY16	S6365	70.65	3235	3023	1285 BC	1073 BC
BY160590	BY50635	66.67	1333	267	617 AD	1683 AD
BY160873	BY11289	82.61	826	743	1124 AD	1207 AD
BY161349	BY4794	67.86	882	746	1068 AD	1204 AD
BY161916	BY160873	82.61	743	496	1207 AD	1454 AD
BY164247	FGC32838	74.51	447	75	1503 AD	1875 AD
BY168062	Z16392	84.44	929	760	1021 AD	1190 AD
BY17	S6365	70.78	3234	3021	1284 BC	1071 BC
BY173599	BY182	58.91	1208	1090	742 AD	860 AD
BY173601	BY173599	62.30	934	623	1016 AD	1327 AD
BY182	BY184	58.51	1284	1225	666 AD	725 AD
BY184	BY34852	59.87	1345	1226	605 AD	724 AD
BY187050	ZW05	64.41	837	580	1113 AD	1370 AD
BY190001	BY23548	59.38	356	238	1594 AD	1713 AD
BY193190	Z18059	73.08	877	585	1073 AD	1365 AD
BY193260	BY23548	61.29	245	61	1705 AD	1889 AD
BY194906	FT32916	65.52	197	131	1753 AD	1819 AD
BY19748	L513	102.70	3081	2773	1131 BC	823 BC
BY19970	Z16357	69.09	2902	622	952 BC	1328 AD
BY20148	CTS11744	76.00	912	760	1038 AD	1190 AD
BY201845	BY184	61.29	1165	981	785 AD	969 AD
BY207	S5982	82.65	1073	990	877 AD	960 AD
BY21961	L513	126.67	2913	2027	963 BC	77 BC
BY23548	BY98138	60.96	630	264	1320 AD	1686 AD
BY23607	BY23548	62.30	187	125	1763 AD	1825 AD
BY24557	BY11203	73.08	365	292	1585 AD	1658 AD
BY24717	Y21310	79.17	238	79	1713 AD	1871 AD
BY25876	L1333	80.85	1698	1213	252 AD	737 AD

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SNP	Parent	Avg years/SNP	Formed Age ybp	TMRCAs Age ybp	Formed Age	TMRCAs Age
BY2598	Z16337	63.33	507	380	1443 AD	1570 AD
BY2630	Z18490	102.70	205	0	1745 AD	1950 AD
BY2634	BY651	71.03	1243	675	707 AD	1275 AD
BY2745	ZW05	62.81	911	848	1039 AD	1102 AD
BY2940	FGC13437	78.76	3170	1910	1220 BC	40 AD
BY2979	BY2940	78.76	1910	1831	40 AD	119 AD
BY3093	Z16337	63.87	479	351	1471 AD	1599 AD
BY3150	BY408	59.84	748	628	1202 AD	1322 AD
BY3151	BY3150	59.84	628	449	1322 AD	1501 AD
BY3152	BY615	75.25	1016	865	934 AD	1085 AD
BY33268	BY13832	80.85	404	162	1546 AD	1788 AD
BY34838	Z17813	71.70	932	287	1018 AD	1663 AD
BY34846	BY2634	71.70	645	358	1305 AD	1592 AD
BY34850	Z16337	66.67	333	200	1617 AD	1750 AD
BY34852	Z16372	61.32	1347	1286	603 AD	664 AD
BY34853	BY25876	80.85	1213	243	737 AD	1707 AD
BY34856	BY21961	126.67	2027	1140	77 BC	810 AD
BY359	BY363	60.32	844	121	1106 AD	1829 AD
BY363	BY17	60.32	3137	844	1187 BC	1106 AD
BY390	FGC32363	77.55	931	155	1019 AD	1795 AD
BY4017	BY4020	72.55	825	608	1125 AD	1342 AD
BY4019	ZS4584	72.55	1116	898	834 AD	1052 AD
BY402	BY404	62.84	1098	658	852 AD	1292 AD
BY4020	BY4019	72.55	898	825	1052 AD	1125 AD
BY4027	Z21262	76.00	456	380	1494 AD	1570 AD
BY4029	BY4037	71.87	1213	925	737 AD	1025 AD
BY4030	BY2979	84.44	1689	1013	261 AD	937 AD
BY4037	Z23532	71.87	1428	1213	522 AD	737 AD
BY404	BY34852	62.84	1224	1098	726 AD	852 AD
BY408	BY402	62.35	682	620	1268 AD	1330 AD
BY41206	Z17819	97.44	2241	974	291 BC	976 AD
BY4148	Z16340	80.28	2917	508	967 BC	1442 AD
BY42411	Z17817	71.70	1219	502	731 AD	1448 AD
BY42769	FGC75767	77.55	853	620	1097 AD	1330 AD
BY43446	FGC35612	70.37	141	0	1809 AD	1950 AD
BY449	L577	76.00	304	228	1646 AD	1722 AD
BY4794	S8124	73.08	950	658	1000 AD	1292 AD
BY49891	BY4148	86.36	259	86	1691 AD	1864 AD
BY50579	BY50635	76.00	988	912	962 AD	1038 AD
BY50635	Z16392	71.03	1385	1172	565 AD	778 AD
BY53200	A1067	65.52	721	590	1229 AD	1360 AD
BY53803	BY621	90.48	2171	362	221 BC	1588 AD
BY55195	Z17909	67.86	746	679	1204 AD	1271 AD
BY553	Z16407	66.96	854	653	1096 AD	1297 AD

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SNP	Parent	Avg years/SNP	Formed Age ybp	TMRCa Age ybp	Formed Age	TMRCa Age
BY57900	BY3152	77.55	776	698	1174 AD	1252 AD
BY615	Z17817	69.67	1292	1222	658 AD	728 AD
BY616	BY621	71.70	2509	0	559 BC	1950 AD
BY621	BY624	80.00	2680	2360	730 BC	410 BC
BY624	Z16340	91.02	2799	2526	849 BC	576 BC
BY64268	BY2634	70.37	704	211	1246 AD	1739 AD
BY64787	BY70502	74.51	820	0	1130 AD	1950 AD
BY651	FGC32004	74.33	1199	1124	751 AD	826 AD
BY67061	BY96813	76.00	1976	988	26 BC	962 AD
BY68053	FGC13421	79.17	792	475	1158 AD	1475 AD
BY68417	FGC30220	76.00	532	456	1418 AD	1494 AD
BY68548	BY49891	86.36	86	0	1864 AD	1950 AD
BY70502	BY50579	74.51	969	820	981 AD	1130 AD
BY83064	BY19748	122.58	2574	1839	624 BC	111 AD
BY85228	FT3445	58.46	234	58	1716 AD	1892 AD
BY88623	Y81721	105.56	528	317	1422 AD	1633 AD
BY96813	S5668	76.00	3040	1976	1090 BC	26 BC
BY97785	BY50579	77.55	853	698	1097 AD	1252 AD
BY98138	BY408	60.96	691	630	1259 AD	1320 AD
BY99458	ZS4584	92.68	371	0	1579 AD	1950 AD
CTS11744	S6365	72.50	3220	1045	1270 BC	905 AD
CTS3087	BY16	77.42	2948	1168	998 BC	782 AD
FGC11788	Z16386	72.92	2706	2269	756 BC	319 BC
FGC13411	CTS3087	77.42	1168	1090	782 AD	860 AD
FGC13421	BY11289	79.17	950	792	1000 AD	1158 AD
FGC13427	FGC13437	97.44	3021	1851	1071 BC	99 AD
FGC13437	L513	87.11	3190	3103	1240 BC	1153 BC
FGC13495	FGC13508	83.52	1545	459	405 AD	1491 AD
FGC13503	Z17822	100.00	2000	1300	50 BC	650 AD
FGC13506	FGC13495	80.85	566	243	1384 AD	1707 AD
FGC13508	FGC13503	92.68	1483	1298	467 AD	652 AD
FGC18469	S6365	73.08	3215	1900	1265 BC	50 AD
FGC21249	FGC32661	70.37	281	70	1669 AD	1880 AD
FGC30218	FGC30219	71.70	574	430	1376 AD	1520 AD
FGC30219	FGC30220	74.51	596	447	1354 AD	1503 AD
FGC30220	FGC30225	75.25	790	564	1160 AD	1386 AD
FGC30221	BY615	75.81	995	919	955 AD	1031 AD
FGC30225	FGC30221	78.76	807	650	1143 AD	1300 AD
FGC31762	Z17626	65.52	1245	655	705 AD	1295 AD
FGC31789	BY553	62.30	872	748	1078 AD	1202 AD
FGC31823	Z17296	70.37	352	211	1598 AD	1739 AD
FGC31825	FGC31823	70.37	211	70	1739 AD	1880 AD
FGC31830	BY14130	70.37	633	141	1317 AD	1809 AD
FGC31837	BY2745	60.32	965	844	985 AD	1106 AD

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SNP	Parent	Avg years/SNP	Formed Age ybp	TMRCa Age ybp	Formed Age	TMRCa Age
FGC31862	S5979	90.48	2533	2443	583 BC	493 BC
FGC32001	BY2634	70.37	704	563	1246 AD	1387 AD
FGC32004	S5982	78.25	1218	1061	732 AD	889 AD
FGC32081	Z23506	76.00	1064	988	886 AD	962 AD
FGC32082	A3	79.17	1108	475	842 AD	1475 AD
FGC32083	FGC32082	76.00	608	456	1342 AD	1494 AD
FGC32123	FGC32126	70.37	422	281	1528 AD	1669 AD
FGC32126	Z18060	70.37	493	422	1457 AD	1528 AD
FGC32127	Z17813	71.81	928	856	1022 AD	1094 AD
FGC32128	FGC32004	82.61	909	826	1041 AD	1124 AD
FGC32195	FGC32208	67.86	1289	68	661 AD	1882 AD
FGC32208	L1333	67.86	2036	1289	86 BC	661 AD
FGC32230	Z16372	69.09	1036	967	914 AD	983 AD
FGC32363	FGC13411	76.77	1113	960	837 AD	990 AD
FGC32562	Z16337	64.41	451	322	1499 AD	1628 AD
FGC32571	FGC9804	70.37	704	563	1246 AD	1387 AD
FGC32620	FGC32625	64.41	1159	966	791 AD	984 AD
FGC32625	BY4029	71.70	932	860	1018 AD	1090 AD
FGC32640	Z17804	65.52	197	131	1753 AD	1819 AD
FGC32657	FGC32659	66.67	400	267	1550 AD	1683 AD
FGC32659	FGC32661	66.67	467	400	1483 AD	1550 AD
FGC32661	Z17296	68.47	445	377	1505 AD	1573 AD
FGC32836	FGC32842	69.09	622	484	1328 AD	1466 AD
FGC32838	A8	71.70	1147	574	803 AD	1376 AD
FGC32842	FGC32838	69.09	691	622	1259 AD	1328 AD
FGC33966	BY11573	61.29	1348	1287	602 AD	663 AD
FGC34075	ZW05	73.08	438	292	1512 AD	1658 AD
FGC35131	BY11524	82.61	165	83	1785 AD	1867 AD
FGC35607	Z17296	69.72	383	314	1567 AD	1636 AD
FGC35609	FGC35612	69.09	207	69	1743 AD	1881 AD
FGC35612	FGC35607	69.72	314	174	1636 AD	1776 AD
FGC35649	FGC9784	80.85	2102	728	152 BC	1222 AD
FGC35851	FGC32661	67.86	407	271	1543 AD	1679 AD
FGC36390	FGC36391	70.37	281	211	1669 AD	1739 AD
FGC36391	Z17296	70.37	352	281	1598 AD	1669 AD
FGC36485	Z17909	67.86	746	611	1204 AD	1339 AD
FGC36506	BY615	60.32	1568	724	382 AD	1226 AD
FGC39507	FGC39512	70.37	281	211	1669 AD	1739 AD
FGC39508	BY4017	72.04	630	414	1320 AD	1536 AD
FGC39512	FGC39514	69.72	383	314	1567 AD	1636 AD
FGC39513	FGC39508	69.72	523	453	1427 AD	1497 AD
FGC39514	FGC39513	69.72	453	383	1497 AD	1567 AD
FGC39649	A1075	73.79	332	258	1618 AD	1692 AD
FGC39793	A1067	74.51	298	149	1652 AD	1801 AD

L513 SNP Age Estimates as of 11/1/2019

SNP	Parent	Avg years/SNP	Formed Age ybp	TMRCa Age ybp	Formed Age	TMRCa Age
FGC39899	FGC39900	70.37	281	141	1669 AD	1809 AD
FGC39900	FT120206	66.09	562	496	1388 AD	1454 AD
FGC40094	A1075	76.00	228	152	1722 AD	1798 AD
FGC40129	A1067	77.55	155	0	1795 AD	1950 AD
FGC46414	BY4794	76.00	532	152	1418 AD	1798 AD
FGC75767	FGC32363	75.25	1016	941	934 AD	1009 AD
FGC8039	Z16337	58.91	736	442	1214 AD	1508 AD
FGC9779	FGC9811	69.16	965	895	985 AD	1055 AD
FGC9784	FGC9798	76.44	2653	2195	703 BC	245 BC
FGC9798	Z16340	76.44	2959	2653	1009 BC	703 BC
FGC9800	FGC9809	65.76	709	512	1241 AD	1438 AD
FGC9804	FGC9779	67.99	945	809	1005 AD	1141 AD
FGC9809	FGC9804	65.76	907	709	1043 AD	1241 AD
FGC9811	FGC9784	72.49	2278	828	328 BC	1122 AD
FT120206	A1067	67.56	625	490	1325 AD	1460 AD
FT17450	S7834	72.04	991	846	959 AD	1104 AD
FT18700	BY173599	55.88	1229	615	721 AD	1335 AD
FT20848	FT18700	55.88	615	559	1335 AD	1391 AD
FT21184	BY130126	70.37	704	141	1246 AD	1809 AD
FT2768	BY201845	61.29	981	61	969 AD	1889 AD
FT32916	Z17810	65.52	262	197	1688 AD	1753 AD
FT3445	BY182	58.46	1228	234	722 AD	1716 AD
FT47369	BY402	63.33	633	570	1317 AD	1380 AD
FT95316	BY187050	64.41	580	515	1370 AD	1435 AD
FT97445	FGC32657	66.67	267	200	1683 AD	1750 AD
FT99740	ZS5207	59.38	238	0	1713 AD	1950 AD
L1333	BY17	73.79	2988	1882	1038 BC	68 AD
L192.1	BY11127	105.56	1161	317	789 AD	1633 AD
L513		87.24	3800	3189	1850 BC	1239 BC
L577	Z21269	72.38	543	470	1407 AD	1480 AD
L908	L513	73.08	3288	3142	1338 BC	1192 BC
M2775	BY182	58.16	1241	601	709 AD	1349 AD
P66	FGC9800	66.67	467	133	1483 AD	1817 AD
S23634	Z17822	88.37	2209	353	259 BC	1597 AD
S5668	L513	77.58	3257	3024	1307 BC	1074 BC
S5979	Z17623	83.92	2793	2625	843 BC	675 BC
S5982	S5979	78.24	2705	1218	755 BC	732 AD
S6365	L513	71.74	3298	3226	1348 BC	1276 BC
S7106	BY17	81.62	2902	2657	952 BC	707 BC
S7828	FT17450	72.04	846	702	1104 AD	1248 AD
S7834	A7	75.12	2974	870	1024 BC	1080 AD
S8124	FGC75767	73.08	1023	950	927 AD	1000 AD
SK1245	FGC9811	69.09	967	622	983 AD	1328 AD
Y140575	Z20655	71.70	645	358	1305 AD	1592 AD

L513 SNP Age Estimates as of 11/1/2019

SNP	Parent	Avg years/SNP	Formed Age ybp	TMRCAs Age ybp	Formed Age	TMRCAs Age
Y21310	BY11183	73.79	701	480	1249 AD	1470 AD
Y81721	BY624	105.56	2322	528	372 BC	1422 AD
Y82651	Z16337	70.37	141	70	1809 AD	1880 AD
Y84960	FGC32208	67.86	1289	679	661 AD	1271 AD
Y87784	BY15236	74.51	447	298	1503 AD	1652 AD
Y95564	Z17296	70.37	352	281	1598 AD	1669 AD
Z16337	FGC9800	64.88	556	426	1394 AD	1524 AD
Z16340	S5668	82.14	2979	2897	1029 BC	947 BC
Z16343	Z16357	71.70	2868	1219	918 BC	731 AD
Z16357	S5668	70.37	3096	2885	1146 BC	935 BC
Z16372	BY16	64.97	3085	1201	1135 BC	749 AD
Z16386	S7106	81.62	2657	2576	707 BC	626 BC
Z16392	FGC11788	72.92	2269	1321	319 BC	629 AD
Z16407	CTS11744	69.31	1166	750	784 AD	1200 AD
Z16854	Z16343	76.77	1036	576	914 AD	1374 AD
Z17296	Z17299	70.37	422	352	1528 AD	1598 AD
Z17299	A8	69.72	1220	453	730 AD	1497 AD
Z17623	A7	83.92	2877	2793	927 BC	843 BC
Z17624	Z17626	82.61	578	248	1372 AD	1702 AD
Z17626	Z17629	73.08	1023	950	927 AD	1000 AD
Z17629	BY11289	73.08	1169	1023	781 AD	927 AD
Z17631	Z17624	82.61	248	165	1702 AD	1785 AD
Z17801	Z16392	65.71	1566	515	384 AD	1435 AD
Z17804	Z17810	65.90	242	176	1708 AD	1774 AD
Z17810	Z17801	65.71	515	252	1435 AD	1698 AD
Z17813	Z17816	71.75	1145	930	805 AD	1020 AD
Z17815	A1069	73.31	575	428	1375 AD	1522 AD
Z17816	BY207	71.75	1360	1145	590 AD	805 AD
Z17817	ZS4581	70.67	1397	1256	553 AD	694 AD
Z17819	A7	95.60	2748	2270	798 BC	320 BC
Z17822	Z17819	93.83	2299	2111	349 BC	161 BC
Z17826	A7	80.85	2911	485	961 BC	1465 AD
Z17909	Z16407	66.99	852	785	1098 AD	1165 AD
Z17911	Z16343	67.26	1379	1244	571 AD	706 AD
Z18059	A3	71.70	1362	932	588 AD	1018 AD
Z18060	Z18059	70.37	985	493	965 AD	1457 AD
Z18490	Z18492	102.70	308	205	1642 AD	1745 AD
Z18491	Z18493	104.11	781	364	1169 AD	1586 AD
Z18492	Z18491	102.70	411	308	1539 AD	1642 AD
Z18493	FGC13508	104.11	989	781	961 AD	1169 AD
Z20655	FGC9811	71.70	860	645	1090 AD	1305 AD
Z21262	S7828	75.25	564	489	1386 AD	1461 AD
Z21269	Z21262	74.51	522	447	1428 AD	1503 AD
Z23506	L513	84.44	3209	760	1259 BC	1190 AD

L513 SNP Age Estimates as of 11/1/2019

SNP	Parent	Avg years/SNP	Formed Age ybp	TMRCA Age ybp	Formed Age	TMRCA Age
Z23516	Z23506	95.00	380	285	1570 AD	1665 AD
Z23532	L513	81.83	3227	1100	1277 BC	850 AD
ZS347	FGC9811	81.28	467	305	1483 AD	1645 AD
ZS349	Z16854	70.37	844	352	1106 AD	1598 AD
ZS4576	ZS4584	63.33	1457	443	493 AD	1507 AD
ZS4578	ZS4576	63.33	443	380	1507 AD	1570 AD
ZS4581	S5982	72.82	1397	1324	553 AD	626 AD
ZS4584	ZS4581	75.11	1246	1021	704 AD	929 AD
ZS5207	M2775	58.16	601	310	1349 AD	1640 AD
ZW02	ZW09	64.41	386	322	1564 AD	1628 AD
ZW04	ZW06	65.14	608	413	1342 AD	1537 AD
ZW05	Z17909	65.33	860	795	1090 AD	1155 AD
ZW06	ZW05	62.13	942	756	1008 AD	1194 AD
ZW09	ZW04	65.14	413	347	1537 AD	1603 AD
ZW10	ZW02	64.41	322	193	1628 AD	1757 AD
ZW14	ZW02	64.41	322	193	1628 AD	1757 AD
ZW22	ZW09	66.67	267	133	1683 AD	1817 AD
ZW40	ZW09	64.41	386	258	1564 AD	1692 AD