H11 Newsletter

Table of Contents

1. Project Statistics:

Combined GEDCOMs Uploaded	49
DISTINCT mtDNA Haplogroups	17
Family Finder	293
Maternal Ancestor Information	344
mtDNA	381

mtDNA Full Sequence	**373**
mtDNA Plus	**379**
mtDNA Subgroups	**23**
Total Members	**419**
Unreturned Kits	**17**

2. Other

There are nine new members since the last update on the subclades with Issue 3. All new members are now assigned to their individual groups. Information which follows will revise my reporting in February as the YFull mitrochondrial Tree has been updated and I will use their coding for naming so changes will be forthcoming in the full issue of the next Volume of the Newsletter. I will also have to consider whether I am actually providing a service with this Newsletter. I am contemplating that I could start up a Kipp Family Newsletter with the Kipp Family Study and that could become my third newsletter. I have switched the orientation to Landscape in order to display the H11 table at YFull in section 5.

3. In Memoriam: Barry Hinman, Librarian Emeritus Stanford University

I sadly discovered yesterday that one of my correspondents in the H11 study passed away in July this year. Barry Hinman (Librarian Emeritus Stanford University) and I have been corresponding about H11 for five years. I did try to persuade him to become a co-administrator and he did consider it but he had other items he wanted to write up and the H11 study does

take time. His own line was somewhat rare and not yet charted independently on the Phylotree. He had sent me an email in March 2021 which I have only just reached and responded to him yesterday but sadly the email bounced back. He had found some new work on T961a which supplied him with a subclade name for his particular grouping. I am happy to say that that did happen. At the time I was very much involved with my husband's illness and just could not grapple with anything. I did write to Dr. Mannis Van Oven about the Phylotree and had sent him all of Barry's information as he published the latest update in February of 2016. The new branch name which was selected by Genetic Homeland - H11a1b.

4. H11 in the News

T961A does occur in some members in the study. To date the phylotree does not take this particular mutation into account in its rendering of H11 haplogroup and its subclades. I am not able to determine yet if there will be an update to the Phylotree. The last build was 18 Feb 2016 and it was mtDNA tree Build 17. With new information from a member of the study I have emailed Dr. Mannis van Oven and will let you know if I hear back from him in the full recitation of results in February 2022.

Some information on T961A includes: "The full sequence mitochondrial test at FamilyTreeDNA shows this maternal haplogroup to be H11, but with a unique variation so far not shared with anyone else in the United States: T961a. The mutation T961g is the significant marker for the group H11a as is A16293G, which these women do carry. A new subclade for T961a will have to be created in haplogroup H11. The site Genetic Homeland has done so, calling the new subclade H11a1b." Submitted by a group member.

https://www.genetichomeland.com/welcome/dnamarkerindex.asp?snp=T961A&Chromosome=M

None of the papers cited appear to be later than 2014 authored by Der Sarkissian, C, Brotherton, P, Balanovsky, O, Templeton, JEL, Llamas, B et al PLOS ONE:

Marker Name	Notes	Identification	Ancestral	Derived	Chromosome	Position
T961a	Transversion. rCRS Ref: t. Yoruba (hg18) Position: 963. See also T961C. Also see branches: H11a1b	Yfull 2019	T	A	M	961

DNA Marker Search

Instructions

This page provides a list of all DNA marker names and aliases associated with a specific DNA position in our GeneticHomeland DNA database. You can search it by entering the chromosome and marker (or position) that you want to lookup.

•Searching for {*Y* and *M222*} or {*Y* and *14902414*} or {*Y* and *rs20321*} produces the same result because SNP M222 is located at position 14902414[2] on the Y chromosome and was designated by NIH as *rs20321*.

•We display both hg38 and hg19 chromosome positions in our listings wherever possible as much of the literature still uses hg19. If you search by numeric position, you have the option to use hg19, hg38, or BOTH of these human genome assemblies.

•We honor the *haplogroup-SNP Name* nomenclature used by some laboratories to distinguish between multiple instances of the same mutation allele at the same position having occured in different branches of humanity (haplogroups). i.e. Searching for *R-S7642* produces a different result from searching for *I-S7642* as a mutation has occured at the same position in two different haplogroup branches of humankind.

•For pure RSID[5] SNP searches, select *Any (RSID)* as the Chromosome, then enter the RSID value starting with "rs", e.g. *rs1000000019*. Alternatively, you can enter an hg38 numeric position and we will search for any rsid instances at that position across all the human chromosomes e.g. *10007658* will return mutation records on five different chromosomes. We also try to display the hg18 assembly position for RSID mutations as those were used in older literature.

Barry has also given me his permission to share his maternal line "his mother Catharine Antonetta Radivoj (b San Francisco, USA 19 Jul 1909), her mother Catherine Tadejevich (b 22 Mar 1878 Praputnjak, Croatia), her mother Ana Stiglich (b 11 Jul 1836 Praputnjak, Austro-Hungarian Empire), her mother Maria Margaretha Gecan (bc 1790 Praputnjak, Austro-Hungarian Empire), her mother Petronilla Bujan (Bakar, Austro-Hungarian Empire), her mother Margaretha Fitnić (b 17 Jun 1735 Bakar, Austro-Hungarian Empire), her mother Catharina Bujan (bc 1701 Bakar, Austro-Hungarian Empire).

"The women, though, carry a so-far unique genetic inheritance. The full sequence mitochondrial test at FamilyTreeDNA shows this maternal haplogroup to be H11, but with a unique variation so far not shared with anyone else in the United States: T961a. The mutation T961g is the significant marker for the group H11a as is A16293G, which these women do carry. A new subclade for T961a will have to be created in haplogroup H11.

"The site Genetic Homeland has done so, calling the new subclade H11a1b.[1] Another site, YFull, agrees and further estimates that the subclade was formed about 800 years before the present. All of the persons known to have this mutation are shown to be from Russia.[2]"

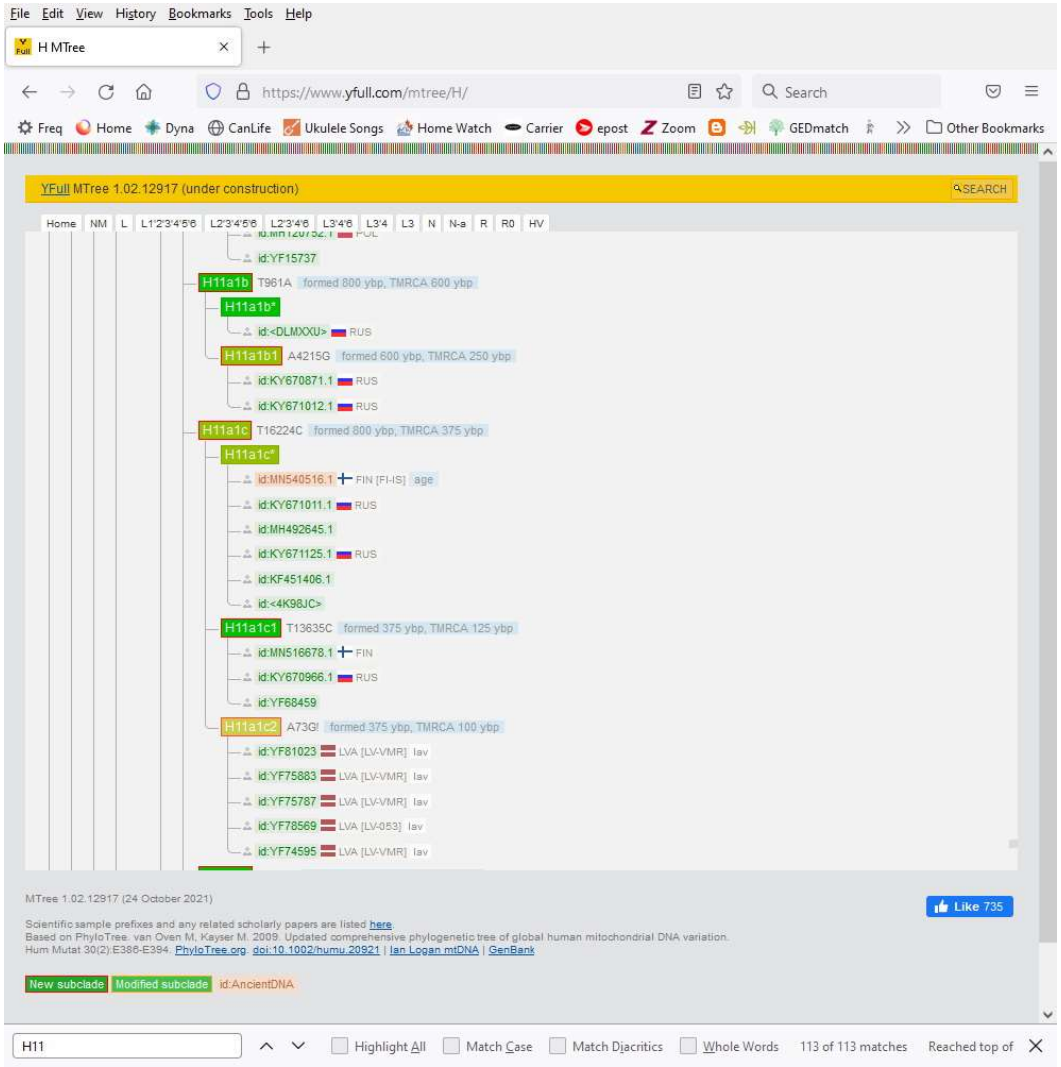
1. **https://www.genetichomeland.com/welcome/dnamarkerindex.asp?snp=T961A&Chromosome=M; https://www.genetichomeland.com/welcome/dnapedigree.asp?RecordID=1727511**
2. **https://www.yfull.com/mtree/H11a1b/**

Thank you to Barry Hinman for providing this material for this H11 Newsletter.

5. **YFull Tree – H11a1b**

Website provided by Barry Hinman's notes:

https://www.yfull.com/mtree/H11a1b/



The H11 Tree at YFull:

- H11 T8448C * T16311C! formed 8200 ybp, TMRCA 5400 ybp
  - H11*
    - id:YF92961 new
    - id:KY496897.1 FIN
    - id:KC763398.1
  - H11-a1 A16293G formed 5400 ybp, TMRCA 3900 ybp
    - H11-a1*
      - id:YF64013
      - id:KC763447.1
      - id:KM047214.1 POL
      - id:JX153570.1 FIN
    - H11a T961G formed 3900 ybp, TMRCA 1700 ybp
      - id:EF657668.1
      - H11a*
        - id:YF93559 new
        - id:MZ920306.1 ESP [ES-L] new
        - id:YF90652 new
        - id:YF90621 new
        - id:YF90565 new
        - id:YF90325 new
        - id:YF89323 new
        - id:YF89123 new
        - id:YF88349 new
        - id:YF83564 POL [PL-24] pol
        - id:VPBper661 HUN [HU-SO] age
        - id:YF81051 PRT [PT-20]
        - id:YF80871
        - id:EG600092 UKR [UA-35]
        - id:R1219 ITA [IT-RM] age
        - id:R435 ITA [IT-RM] age
        - id:YF71610
        - id:MK134317.1 SRB
        - id:MK134366.1 SRB
        - id:MK134367.1 SRB
        - id:MK059485.1 DNK
        - id:MK059523.1 DNK
        - id:MK059671.1 GBR

- id:MK059712.1GBR
- id:KF162553.1DNK
- id:KJ856811.1POL
- id:KF161435.1DNK
- id:KF161420.1DNK
- id:JQ705984.1
- id:KC554011.1
- id:KF162478.1DNK
- id:KF162294.1DNK
- id:KM101842.1USA
- id:KF161732.1DNK
- id:MG182513.1
- id:KF162388.1DNK
- id:KF162555.1DNK
- id:MG182516.1ITA [IT-TO]
- id:JQ703676.1
- id:JQ703167.1
- id:JQ703163.1
- id:JQ703593.1
- id:JQ704185.1
- id:JQ704846.1
- id:JQ705807.1
- id:JQ705898.1
- id:JX152946.1DNK
- id:JX152992.1FIN
- id:JX153368.1DNK
- id:JX153417.1DNK
- id:JX153483.1DNK
- id:JX153711.1DNK
- id:JX153761.1DNK
- id:JX153771.1DNK
- id:JX154068.1FIN
- id:KX675314.1KGZ [KG-N]kir
- id:MG429009.1
- id:MG182511.1ITA [IT-TO]
- id:MF497489.1
- id:HGDP00522
- id:KF451057.1
- id:YF15230NLD [NL-NB]
- id:ERS1789505
- id:<NDVK3G>
- id:<D8UA9N>
- id:<WL6DCT>

- id:<2A43V4>
- id:<WHM2FP>
- id:<NS3A4P>
- id:<2WNS8D>

- H11a1 C8898T * C16278T! formed 1700 ybp, TMRCA 800 ybp
  - id:EF657502.1
  - id:EF657478.1
  - H11a1*
    - id:YF89192 new
    - id:YF88137
    - id:YF81144 SWE [SE-O] swe
    - id:YF80859
    - id:YF71489 UKR
    - id:YF70765
    - id:MH298069.1 ROU
    - id:KJ856810.1 POL
    - id:KJ856767.1 RUS
    - id:KF162198.1 DNK
    - id:AY738958.1 ITA
    - id:JQ703259.1
    - id:KC286597.1
    - id:KY670856.1 RUS
    - id:MG646148.1 POL
    - id:MH120502.1 POL
    - id:KY671025.1 RUS
    - id:MH120723.1 POL
    - id:YF06214 SVK [SK-KI] slk
    - id:<QPPYNS>
  - H11a1a A13434G formed 800 ybp, TMRCA 500 ybp
    - H11a1a*
      - id:K2per71 HUN
      - id:YF86375
      - id:KC286601.1
      - id:MG646089.1 POL
      - id:MH120485.1 POL
      - id:<MPARVB>
      - id:YF03671 SRB
    - H11a1a1 C11503A formed 500 ybp, TMRCA 250 ybp
      - id:MG646231.1 POL
      - id:MG646251.1 POL
      - id:MG646146.1 POL

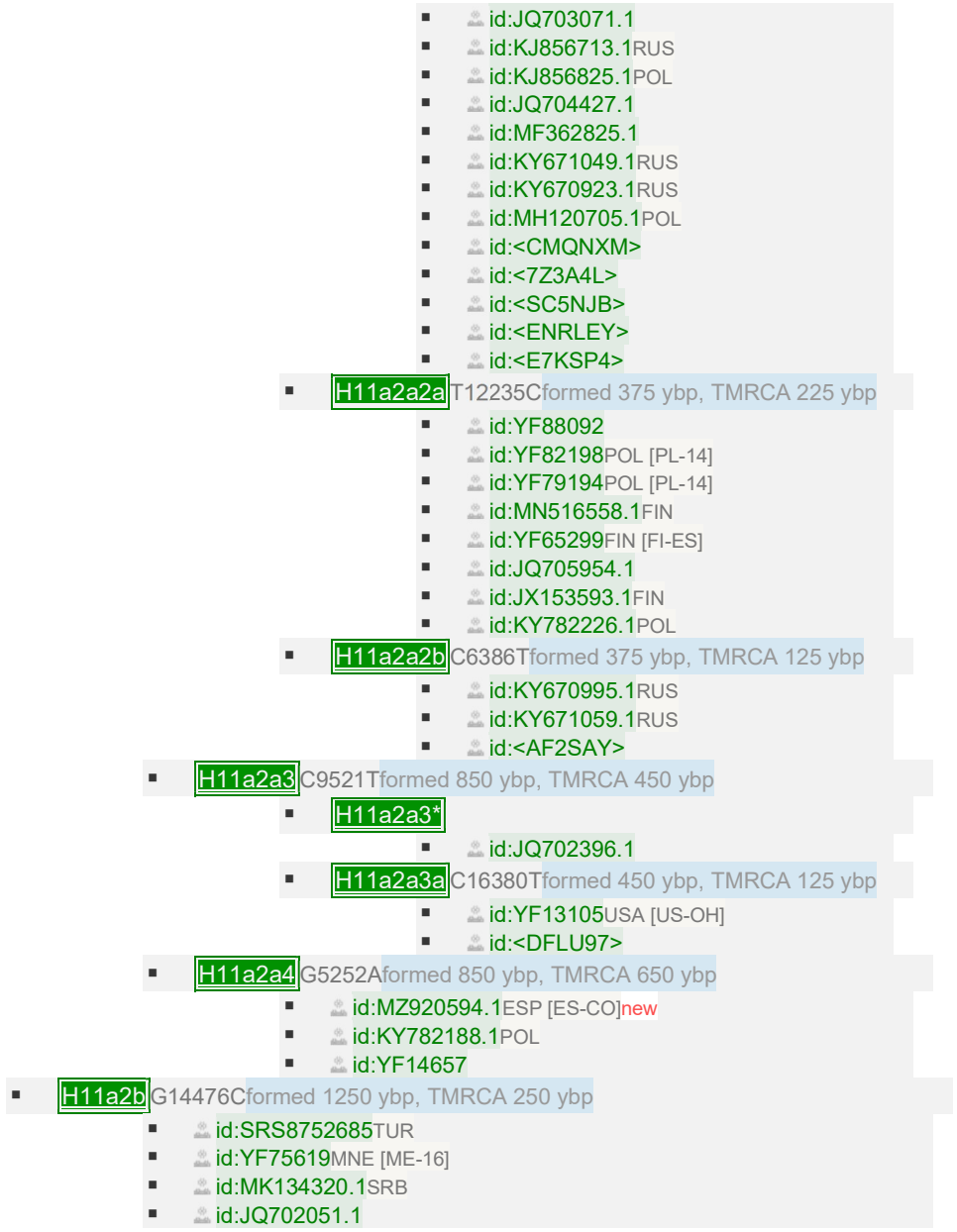
- id:MH120752.1 POL
- id:YF15737
- H11a1b T961A formed 800 ybp, TMRCA 600 ybp
  - H11a1b*
    - id:<DLMXXU> RUS
  - H11a1b1 A4215G formed 600 ybp, TMRCA 250 ybp
    - id:KY670871.1 RUS
    - id:KY671012.1 RUS
- H11a1c T16224C formed 800 ybp, TMRCA 375 ybp
  - H11a1c*
    - id:MN540516.1 FIN [FI-IS]age
    - id:KY671011.1 RUS
    - id:MH492645.1
    - id:KY671125.1 RUS
    - id:KF451406.1
    - id:<4K98JC>
  - H11a1c1 T13635C formed 375 ybp, TMRCA 125 ybp
    - id:MN516678.1 FIN
    - id:KY670966.1 RUS
    - id:YF68459
  - H11a1c2 A73G! formed 375 ybp, TMRCA 100 ybp
    - id:YF81023 LVA [LV-VMR]lav
    - id:YF75883 LVA [LV-VMR]lav
    - id:YF75787 LVA [LV-VMR]lav
    - id:YF78569 LVA [LV-053]lav
    - id:YF74595 LVA [LV-VMR]lav
- H11a1d T7674C formed 800 ybp, TMRCA 125 ybp
  - id:YF77821
  - id:KF162267.1 DNK
- H11a1e A215G formed 800 ybp, TMRCA 475 ybp
  - id:YF86582
  - id:KY671116.1 RUS
  - id:MH120758.1 POL
- H11a1f G15077A formed 800 ybp, TMRCA 300 ybp
  - id:MH120647.1 POL
  - id:MH120823.1 POL
- H11a1g C14794T formed 800 ybp, TMRCA 425 ybp
  - id:EG600076 UKR [UA-21]
  - id:YF73947 UKR [UA-48]

- H11a1h T5021C formed 800 ybp, TMRCA 350 ybp
  - id:KY409403.1 ITA
  - id:KY409275.1 ITA
  - id:KM101911.1 USA
  - id:KY409984.1 ITA
- H11a1i T146C! formed 800 ybp, TMRCA 275 ybp
  - id:YF84572 USA [US-OH]
  - id:YF84399
  - id:YF66036 RUS [RU-ARK]
  - id:YF63402 SWE [SE-BD]swe
  - id:YF63138 FIN [FI-LS]
  - id:YF63136 FIN [FI-LS]
  - id:YF19968 SWE [SE-BD]
  - id:KJ856774.1 RUS
  - id:KJ856785.1 RUS
  - id:GU122994.1 RUS
  - id:JQ702044.1
  - id:JQ703678.1
  - id:JQ703688.1
  - id:JX153177.1 FIN
  - id:MF497486.1
  - id:YF19104 RUS [RU-KIR]
  - id:YF13659 SWE [SE-BD]swe
  - id:YF10771 FIN [FI-ES]
  - id:YF09377 FIN [FI-LS]
  - id:YF03564 RUS [RU-IRK]
  - id:<VE4DA6>
- H11a1j A2784G formed 800 ybp, TMRCA 125 ybp
  - id:YF89491 new
  - id:JQ703453.1
- H11a10 A5515G formed 1700 ybp, TMRCA 1150 ybp
  - id:MH981652.1 ZAF
  - id:YF10936 USA [US-NC]
- H11a11 T8618C formed 1700 ybp, TMRCA 1250 ybp
  - id:JQ705928.1
  - id:KF451844.1
- H11a12 T16368C formed 1700 ybp, TMRCA 475 ybp
  - id:<3FZBWB> USA [US-CA]
  - id:YF11733 USA [US-CA]
  - id:<KYHC2Y>
- H11a13 C11206T formed 1700 ybp, TMRCA 375 ybp

- id:MH120508.1 POL
- id:MH120548.1 POL
- H11a14 G228A formed 1700 ybp, TMRCA 750 ybp
  - id:JQ704101.1
  - id:MG646241.1 POL
- H11a15 C16354T formed 1700 ybp, TMRCA 900 ybp
  - H11a15*
    - id:MK059533.1 DNK
    - id:JQ702966.1
    - id:YF14725 DEU [DE-BW]
  - H11a15a G16293A! formed 900 ybp, TMRCA 650 ybp
    - H11a15a*
      - id:<EWT2NA>
    - H11a15a1 G499A formed 650 ybp, TMRCA 350 ybp
      - H11a15a1*
        - id:YF87531
      - H11a15a1a A9000G formed 350 ybp, TMRCA 125 ybp
        - id:JQ705459.1
        - id:<ZSKL3Q>
- H11a16 C16355T formed 1700 ybp, TMRCA 600 ybp
  - id:YF71185 POL
  - id:KF161563.1 DNK
- H11a2 A14587G formed 1700 ybp, TMRCA 1250 ybp
  - H11a2*
    - id:YF92983 RUS [RU-LIP] new
    - id:MZ920599.1 ESP [ES-M] new
    - id:MZ920799.1 ESP [ES-B] new
    - id:YF88163
    - id:STR248b DEU [DE-BY] age
    - id:MN687285.1 ITA
    - id:MK059621.1 GBR
    - id:YF64109 FIN [FI-OL] fin
    - id:JQ703175.1
    - id:KJ856795.1 POL
    - id:JQ703510.1
    - id:KF162655.1 DNK
    - id:KY671087.1 RUS
  - H11a2a T16140C formed 1250 ybp, TMRCA 850 ybp
    - H11a2a*

- id:YF92930 DEU [DE-NW] new
- id:YF89187 new
- id:MK059503.1 DNK
- id:YF66300 SWE [SE-M]
- id:YF19332 AUS [AU-NSW]
- id:KJ856816.1 POL
- id:KF161727.1 DNK
- id:KM101966.1 USA
- id:KF161565.1 DNK
- id:JQ704395.1
- id:JQ705580.1
- id:MG646179.1 POL
- id:MH120589.1 POL
- id:MF177165.1 POL
- id:<XBER6T>
- id:YF02536 FIN [FI-AL]
- id:<AUD3TY>
- id:<JPTCSJ>

- H11a2a1 A3145G formed 850 ybp, TMRCA 225 ybp
  - H11a2a1*
    - id:YF84341
    - id:YF78076
    - id:JQ703451.1
    - id:YF07623 ENG
    - id:YF71875 IRL [IE-DL]
    - id:<UZN6UG>
    - id:<X36V63>
  - H11a2a1a G16293A! formed 225 ybp, TMRCA 100 ybp
    - id:YF87634
    - id:YF83623 USA [US-MS]
    - id:JQ702388.1
    - id:JQ703183.1
    - id:<5BU5CJ>
    - id:<L7THJW>
- H11a2a2 G5585A * T15670C * A16265G formed 850 ybp, TMRCA 375 ybp
  - id:<83U9PN>
  - H11a2a2*
    - id:YF92975 new
    - id:MK059657.1 GBR
    - id:YF80143 CZE [CZ-OL]
    - id:YF65472 RUS


id:JQ703071.1
id:KJ856713.1RUS
id:KJ856825.1POL
id:JQ704427.1
id:MF362825.1
id:KY671049.1RUS
id:KY670923.1RUS
id:MH120705.1POL
id:<CMQNXM>
id:<7Z3A4L>
id:<SC5NJB>
id:<ENRLEY>
id:<E7KSP4>
H11a2a2a T12235C formed 375 ybp, TMRCA 225 ybp
id:YF88092
id:YF82198POL [PL-14]
id:YF79194POL [PL-14]
id:MN516558.1FIN
id:YF65299FIN [FI-ES]
id:JQ705954.1
id:JX153593.1FIN
id:KY782226.1POL
H11a2a2b C6386T formed 375 ybp, TMRCA 125 ybp
id:KY670995.1RUS
id:KY671059.1RUS
id:<AF2SAY>
H11a2a3 C9521T formed 850 ybp, TMRCA 450 ybp
H11a2a3*
id:JQ702396.1
H11a2a3a C16380T formed 450 ybp, TMRCA 125 ybp
id:YF13105USA [US-OH]
id:<DFLU97>
H11a2a4 G5252A formed 850 ybp, TMRCA 650 ybp
id:MZ920594.1ESP [ES-CO]new
id:KY782188.1POL
id:YF14657
H11a2b G14476C formed 1250 ybp, TMRCA 250 ybp
id:SRS8752685TUR
id:YF75619MNE [ME-16]
id:MK134320.1SRB
id:JQ702051.1

- id:YF19129 MKD [MK-407]
- id:YF11397 ALB [AL-10]aln
- H11a2c C6854T formed 1250 ybp, TMRCA 650 ybp
  - id:YF85296
  - id:YF78515 SRB [RS-07]srp
  - id:JQ704166.1
- H11a2d T16298C formed 1250 ybp, TMRCA 200 ybp
  - id:MN610403.1
  - id:MN610405.1
- H11a2e C16301T formed 1250 ybp, TMRCA 600 ybp
  - H11a2e*
    - id:MHper137 HUN [HU-HB]age
  - H11a2e1 T7885C formed 600 ybp, TMRCA 275 ybp
    - id:YF85985 SRB
    - id:MK134293.1 SRB
- H11a3 T16243C formed 1700 ybp, TMRCA 350 ybp
  - id:YF88631 new
  - id:JQ703172.1
  - id:JQ703235.1
  - id:<BQC7PN>
- H11a4 C16111T formed 1700 ybp, TMRCA 400 ybp
  - id:YF88002
  - id:YF87918
  - id:YF80757 USA [US-VA]
  - id:YF70757 ENG
  - id:JQ704280.1
- H11a5 C15040T formed 1700 ybp, TMRCA 475 ybp
  - id:YF68215 BGR [BG-01]
  - id:YF68204 BGR [BG-01]
  - id:YF66971 SRB [RS-08]srp
  - id:GU592023.1
  - id:GU592038.1
  - id:JQ703949.1
- H11a6 G1719A * G5979A * A16525G formed 1700 ybp, TMRCA 300 ybp
  - id:JQ705740.1
- H11a8 T14325C formed 1700 ybp, TMRCA 800 ybp
  - H11a8*
    - id:YF85012
    - id:YF65490
    - id:JQ705643.1

- id:JX153516.1DNK
- id:YF17309ENG
- H11a8aT8604Aformed 800 ybp, TMRCA 125 ybp
  - id:YF92768new
  - id:JX153476.1DNK
- H11a9T9116Cformed 1700 ybp, TMRCA 850 ybp
  - id:KF162617.1DNK
  - id:JX153466.1DNK
- H11a-aT152C!formed 1700 ybp, TMRCA 1700 ybp
  - H11a-a*
    - id:MT079070.1
    - id:MT079073.1
    - id:MT079075.1
    - id:KF161209.1DNK
    - id:KF162803.1DNK
    - id:JQ703253.1
    - id:JQ706003.1
  - H11a7C9911Tformed 1700 ybp, TMRCA 950 ybp
    - H11a7*
    - H11a7aC16355Tformed 950 ybp, TMRCA 600 ybp
      - H11a7a*
        - id:YF92985new
        - id:YF84639UKR [UA-46]pol
        - id:MHper107HUN [HU-HB]age
      - H11a7a1A15034Gformed 600 ybp, TMRCA 425 ybp
        - id:AY195751.1
        - id:JQ703733.1
    - H11a7bG4820Aformed 950 ybp, TMRCA 125 ybp
      - id:YF88306new
      - id:YF87465
      - id:YF85798
      - id:YF85548DEU
      - id:YF82906
  - H11a-a1C6950Tformed 1700 ybp, TMRCA 375 ybp
    - id:YF90857new
    - id:JQ704164.1
- H11bT13572Cformed 5400 ybp, TMRCA 4000 ybp
  - H11b*
    - id:PGPC72

- id:MN516664.1FIN
- H11b1T7645Cformed 4000 ybp, TMRCA 2700 ybp
  - H11b1*
    - id:MZ920423.1ESP [ES-AB]new
    - id:YF84985
    - id:YF84122
    - id:YF65445FIN [FI-LS]
    - id:JN581651.1
    - id:KF161213.1DNK
    - id:JQ704081.1
    - id:JQ703343.1
    - id:JQ703543.1
    - id:JQ704286.1
    - id:MG646200.1POL
    - id:MH120498.1POL
    - id:MH120816.1POL
    - id:JQ704664.1
    - id:YF13086
    - id:<TJAWVG>
  - H11b1aC10088Tformed 2700 ybp, TMRCA 1900 ybp
    - id:YF83052
    - id:YF79752DEU [DE-TH]
    - id:MN610428.1
    - id:JQ703781.1
    - id:MH120654.1POL
    - H11b1a*
    - H11b1a1G6260A
  - H11b1bT146C!
- H11cA9285Gformed 5400 ybp, TMRCA 800 ybp
  - id:JQ703684.1
  - id:MG646102.1POL
- H11dG6723Aformed 5400 ybp, TMRCA 2500 ybp
  - id:SHper200HUN [HU-HB]age
  - id:YF63334
  - id:YF62798SWE [SE-O]
  - id:MF177173.1POL

MTree 1.02.12917 (24 October 2021)

Scientific sample prefixes and any related scholarly papers are listed here.

Any submissions to this newsletter can be submitted to Elizabeth Kipp (kippeeb@rogers.com).