

Analysis of BAM file for FTDNA kit #646978 June 2018

NB upper rows are from BAM file kit 646978 & lower rows are ancestral

M222 hg38 #12790481 BAM page 3010 row 941 (12790464-98)

CCTAATCCCTCATCCGA^ATGCGTACTTAGAAATGAGTCCATACTTCTTGCTCAGGAAATATCTAATGAGGTTAGTATGAAAGTTAGACAGTTCTG
CCTAATCCCTCATCCGAG mutation G>A

S588 hg38 #14233922 BAM page 3371 row 890 (14233987-996)

CTCTT^AAACTTACGTAATACAGTTCTTTCCATTAAATCTAAGAAAACACACTCGGCTAATTTCTTCTACTTTTGTGGTCAATATTTGTCATTCTTGT
CTCTTG mutation G>A

BY20515 hg38 #25168870 BAM page 7226 row 202 (25168722-883)

CAGA^GAGAAATACTACAAATGCAAAGAATATGGCAGAACTGTAGGTAGTTCTCAGATTTTACTATAAAAAATGGAATACTTACTGCAGAGAGATGCT
CAGAA mutation A>G

BY11733 hg38 #14002856 BAM page 3314 row 304 (14002852-922)

ATTG^CAATGTGCCAGTGCATATATACATTTTTCAATCCTTTCTATCAGATTGCCAGTGTGCATATTGAATTCTAAGCAACTTCAAATAATTCGATATG
ATTGT mutation T>C

BY11734 hg38 #18569107 BAM page 4308 row 248/251 (17657692-795)

GCTTCTGAAACT^TTTCTTCACATATTCTAAATAAAGAGTGCTTCAAACACTATTGTATCTAATA

GCTTCTGAAAC^GTTCTTCACATATTCTAAATAAAGAGTGCTTCAAACACTATT Should be C>T at ~90 & not G>T at ~91 Cannot find other mutations here.

BY11737 hg38 #23856912 BAM page 7003 row 74

CT^GTTTTTTCAGTCTGTCGTCTGTAAAATCATA^AAT (Kit 646978)

CT^GTTTTTTCAGTCTGTCGTCTGTAAAATCATA^CATT (Ancestral) G>GT mutation; C>A at #23856943

CT^GTTTTTTCAGTCTGTCGTCTGTAAAATCATA^CATTTTTCACAGTTC Row 85 No mutation at #23856943

There is a mutation on row 137 G>GT but not at #23856943

CT^GTTTTTTCAGTCTGTCGTCTGTAAAATCAT^ACATTTTTCACAGTTCATGAGGTGCTGCTTT Row 111

I have checked several slices and all have shown the G>GT mutation but only one for C>A so that is probably a mis-read.