

BED file for age analysis

Tree Node ID 16b integer Parent node ID 16b integer Clade name 16B string Variants 64\*16b integer array Quality scores\* 64\*logical array 64\*logical array Age analysis flags 64\*16b integer array Child clades 512\*8b integer array Ancestral STRs 2\*16b float array Origin Shared coverage 32b integer 'within age BED 32b integer Oldest MRCA 16b signed integer Oldest MRCA kit 16b integer SNP age 16b integer SNP age 95% c.i. 2\*16b integer array SNP age PDF 1024\*16b float array SNP parent PDF 1024\*16b float array STR age 16b integer STR age 95% c.i. 2\*16b integer array STR age PDF 1024\*16b float array STR parent PDF 1024\*16b float array Combined age 16b integer Combined 95% c.i. 2\*16b integer array 1024\*16b float array Combined PDF \*Quality scores may denote precise/approximate placements or may be floats to contain more information. 65536 nodes at 11106 bytes/entry = 694 MB

variants, giving ~1.2 GB for the Calls structure.

Calls only needs to include the subset of people with NGS tests (including archive/literature DNA) and YSeq tests which split up clades.