increased_mutations chr2 chr3 chr4 sample_6 1 chr1 chr2 chr3 chr<mark>4</mark> 2 3 internal7 1 0 -11 2 sample_1 $_1$ 0 chr2 chr3 chr4 2 7 internal5 1 0 chr<mark>2</mark> chr3 chr4 7 internal6 1 0 chr1 chr2 chr3 chr4 sample_5 1 2 -15 sample_3 1 0 chr1 chr2 chr3 chr4 internal4 1 0 chr2 chr3 chr4 chr1 16 sample_2 1 chr2 chr3 chr4 2 -6 internal3 1 0 -2 chr1 chr4 chr2 chr3 8 sample_4 1 chr2 chr3 chr4 2 -8 internal2 1 0 chr2 chr3 chr4 sample_7 1 2 -7 internal1 1 0 chr2 chr3 2 sample_8 1 chr2 chr3 chr4 2 diploid 1 -0 4 8 12 16 20 24 28 32 branch length subclonal changes all changes 35 15 10 25 20 30 40 genome position