

BACKGROUND: Since all genetic information can only come in the language of four nucleotides (A Adenosine C Cytosine G Guanine T Thymidine) all genetic information is fairly easily conveyed in musical form. Back in 2008 my friend Liz Wade and I sent away to 23andme.com to get our genetic code read and from there we used the code to create music.

Take Heroin Addiction for example: Liz simply assigned A, C and G to those notes, and assigned T to a F sharp. She then repeated a 10 nucleotides sequence several times. But that is just one way to do it. To be true to the music inherent in the sequences the only consistency that has to be maintained is that—as long as you’re within the same genetic marker—the nucleotides always have to be the same note, whether you assign A to A or A to G sharp.

DNA: According to 23andMe, I can taste bitter (and trust me, I can). The genetic marker for this is on the rs713598 allele, in part below:

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GCTTTGGGAT AGATCTAGGC AAAGAGCTGG ATGCTTTGTG AAGGAAAGGT
CCTGGCTTGG AACGTACATT TACCTTTCTG CACTGGGTGG CAACCAGGTC
TTTAGATTAG CCAACTAGAG AAGAGAAGTA GAATAGCCAA TTAGAGAAGT
GACATCATGT TGA CTCTAAC TCGCATCCGC ACTGTGTCCT ATGAAGTCAG
GAGTACATTT CTGTTCA TTT CAGTCCTGGA GTTTGCAGTG GGGTTTCTGA CCAATGCCTT
CGTTTTCTTG GTGAATTTTT GGGATGTAGT GAAGAGGCAG S CACTGAGCAA
CAGTGATTGT GTGCTGCTGT GTCTCAGCAT CAGCCGGCTT TTCCTGCATG
GACTGCTGTT CCTGAGTGCT ATCCAGCTTA CCCACTTCCA GAAGTTGAGT
GAACCACTGA ACCACAGCTA CCAAGCCATC ATCATGCTAT GGATGATTGC
AAACCAAGCC AACCTCTGGC TTGCTGCCTG CCTCAGCCTG CTTTACTGCT
CCAAGCTCAT CCGTTTCTCT CACACCTTCC TGATCTGCTT GGCAAGCTGG
GTCTCCAGGA AGATCTCCCA GATGCTCCTG GGTATTATTC
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