Determining the Number of Repeats in your Alleles

The D1S80 repeat unit is 16 bp in length. The smallest allele for D1S80 has 14 repeats. Use the table below to determine how many repeat units are contained in your PCR fragments. The size that you extrapolated using linear regression should be within 8 bp of any particular allele.

Allele Size (in bp)	Number of Repeats
369	14
385	15
401	16
417	17
433	18
449	19
465	20
481	21
497	22
513	23
529	24
545	25
561	26
577	27
593	28
609	29
625	30
641	31
657	32
673	33
689	34
705	35
721	36
737	37
753	38
769	39
785	40
801	41

Your type (or genotype) is then recorded as the repeat size. For example, if your alleles contain 17 and 35 repeats, your genotype is 17,35 (read "17 coma 35").

My type is…____, ____.

Am I a clone of Marion Hawthorne? _____ Maybe _____ No