***System Pathology, Spring 2020. Bioinformatics Lab#2***

**Web sites: NCBI and 1000 Genomes**

DATA location: <http://bpg.utoledo.edu/~afedorov/SPRING2020/>

**SNP microarrays from 23&me and Illumina companies**

**Human Genes**

PTEN

FTO

MCM6

LCT

SMS1

APOE

NOS3

ALDH2

TGFB1

EGFR

NFKB1

**Lactase gene: SNPs from 23&me microarray:**

rs4954633 2 136546635 CC

rs3213892 2 136552517 AG

rs1030766 2 136553182 AT

rs1030764 2 136553529 --

rs1011361 2 136553639 AG

rs80116247 2 136554477 TT

rs1807356 2 136555484 CT

rs2015532 2 136555525 GT

rs2322659 2 136555659 TT

rs3769013 2 136556182 CT

rs872151 2 136556805 CT

rs748841 2 136558157 CC

rs2304370 2 136561735 AG

i6036065 2 136566790 II

i6021290 2 136570457 GG

i6036066 2 136574922 II

rs6719488 2 136575199 GG

rs892715 2 136576577 TT

rs2322812 2 136578040 AG

rs2874874 2 136578194 AC

rs1470457 2 136581848 GG

rs730005 2 136582694 CT

rs2322813 2 136582809 AG

rs745500 2 136583192 GG

rs10186843 2 136586958 CC