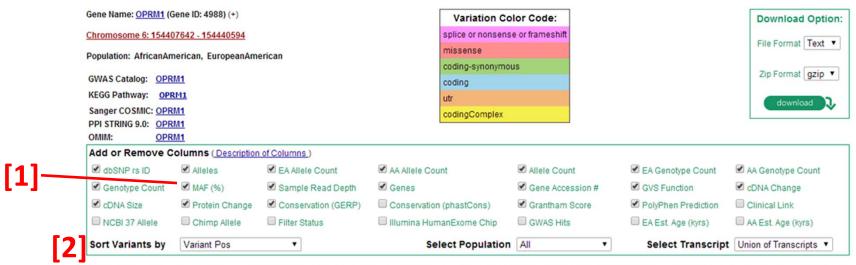
## NHLBI Exome Variant Server

- Search for SLC6A3 on the NHLBI and click on "display snp summary". Click the "MAF (%)" option (Labeled [1] on the next slide). Sort by "GVS Function" [2]. Change the number of entries shown to "all" [3].
- 1) There are no coding non-synonymous SNPs with a frequency greater than 5% in either population.
- 2) The most common coding SNP is rs6347 with a minor allele frequency of 47.9%
- Bonus question: You can still do an association analysis but you would probably want to focus on covering the whole gene instead of picking specific SNPs



If "Select Transcript" above is set to "Union of Transcripts", and if multiple transcripts of a gene are involved in a variant and the function annotations for the variant are the same, only one representative transless to download the data.

Show 10 ▼ entries									
Variant Pos	rs ID	Alleles	EA Allele #	AA Allele #	All Allele #	EA Genotype #	AA Genotype #	All Genotype #	MAF (%) (EA/AA/AII)
6:154410919	rs201598368	G>C	C=0/G=8334	C=1/G=3829	C=1/G=12163	CC=0/CG=0/GG=4167	CC=0/CG=1/GG=1914	CC=0/CG=1/GG=6081	0.0/0.0261/0.0082
6:154410932	rs374691791	A>C	C=1/A=8369	C=0/A=3886	C=1/A=12255	CC=0/CA=1/AA=4184	CC=0/CA=0/AA=1943	CC=0/CA=1/AA=6127	0.0119/0.0/0.0082
6:154410940	rs368117860	T>A	A=0/T=8380	A=1/T=3913	A=1/T=12293	AA=0/AT=0/TT=4190	AA=0/AT=1/TT=1956	AA=0/AT=1/TT=6146	0.0/0.0255/0.0081
6:154410958	rs371723278	T>C	C=1/T=8439	C=0/T=3978	C=1/T=12417	CC=0/CT=1/TT=4219	CC=0/CT=0/TT=1989	CC=0/CT=1/TT=6208	0.0118/0.0/0.0081
6:154410963	rs373741336	A>G	G=1/A=8465	G=0/A=4028	G=1/A=12493	GG=0/GA=1/AA=4232	GG=0/GA=0/AA=2014	GG=0/GA=1/AA=6246	0.0118/0.0/0.008
6:154410963	rs373741336	A>G	G=1/A=8465	G=0/A=4028	G=1/A=12493	GG=0/GA=1/AA=4232	GG=0/GA=0/AA=2014	GG=0/GA=1/AA=6246	0.0118/0.0/0.008
6:154411018	rs368512118	T>C	C=1/T=8489	C=0/T=4102	C=1/T=12591	CC=0/CT=1/TT=4244	CC=0/CT=0/TT=2051	CC=0/CT=1/TT=6295	0.0118/0.0/0.0079
6:154411054	rs145700569	G>T	T=1/G=8471	T=0/G=4114	T=1/G=12585	TT=0/TG=1/GG=4235	TT=0/TG=0/GG=2057	TT=0/TG=1/GG=6292	0.0118/0.0/0.0079