

Table S1. Minor allele frequency enrichment summary of nonsense variants in the Old Order Amish (n=1,725) compared to 1000g(EUR) and ESP(EA) populations.

1000g(EUR)

	Ratio >1	Ratio <1	Ratio Unknown	Total
P<0.05	67	79	0	146
P>0.05	30	32	0	62
P N.C.	34	4	20	58
Total	131	115	20	266

ESP(EA)

	Ratio >1	Ratio <1	Ratio Unknown	Total
P<0.05	103	84	0	187
P>0.05	22	23	0	45
P N.C.	6	8	20	34
Total	131	115	20	266

Abbreviations: 1000g(EUR), Total European Ancestry population from 1000 Genomes; ESP(EA), European American population from the National Heart, Lung, and Blood Institute (NHLBI) Exome Sequencing Project (ESP); Ratio, minor allele frequency in the Old Order Amish divided by the minor allele frequency in the relevant population; N.C., not calculated.