

Alcohol metabolism

Results on 943 unrelated individuals

Known variants related to alcohol metabolism

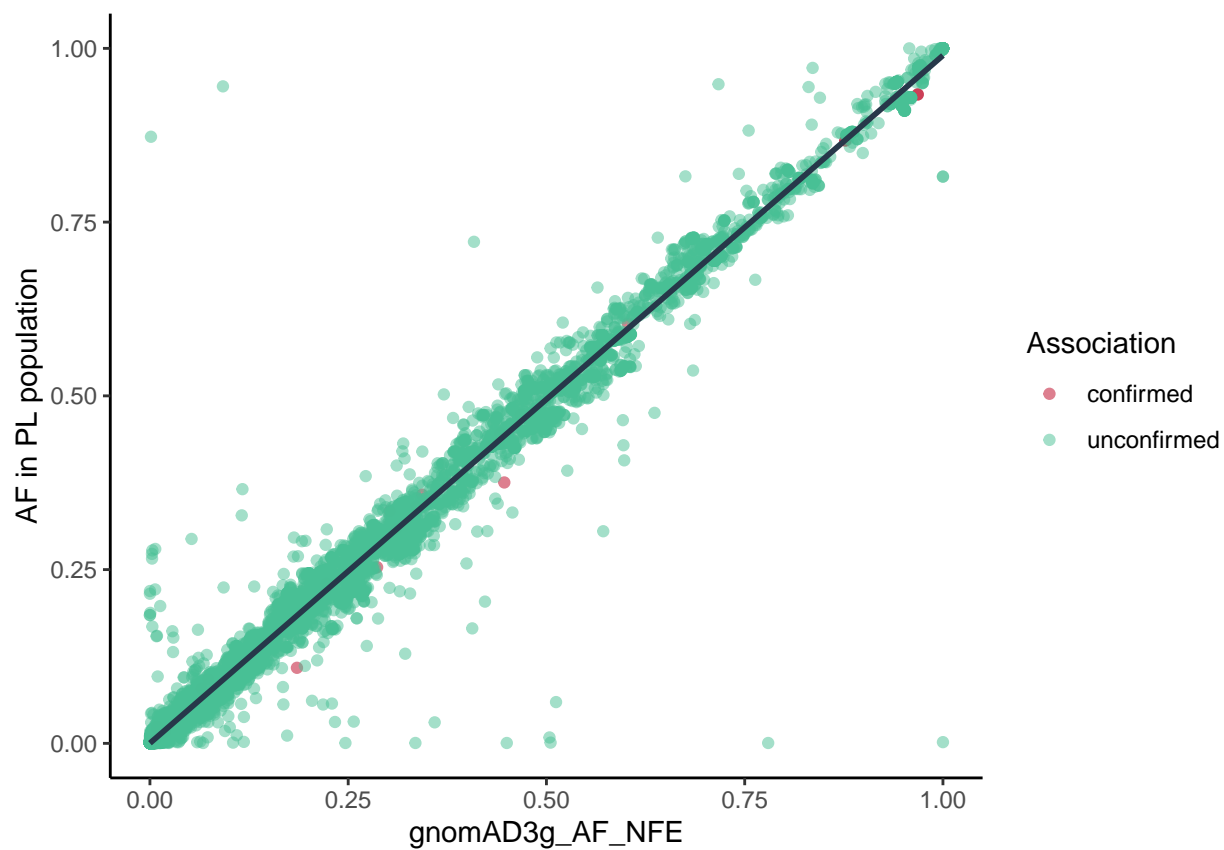
Existing_variation	Location	PL_AF	AF_NFE	nfe_diff
rs62062288	chr17:46019187	0.109	0.185	-0.077
rs492602	chr19:48703160	0.375	0.447	-0.071
rs1229984,CM890003	chr4:99318162	0.934	0.968	-0.034
rs1229984,CM890003	chr4:99318162	0.934	0.968	-0.034
rs35040843	chr8:92329269	0.253	0.286	-0.033
rs1260326,CM083701	chr2:27508073	0.585	0.601	-0.015
rs3114045	chr4:99331403	0.867	0.877	-0.010
rs3114045	chr4:99331403	0.867	0.877	-0.010
rs279871	chr4:46303716	0.432	0.440	-0.008
rs279871	chr4:46303716	0.432	0.440	-0.008
rs698,CM033593	chr4:99339632	0.427	0.430	-0.003
rs1693482,CM860053	chr4:99342808	0.427	0.430	-0.003
rs698,CM033593	chr4:99339632	0.427	0.430	-0.003
rs1693482,CM860053	chr4:99342808	0.427	0.430	-0.003
rs146788033	chr4:99019987	0.017	0.019	-0.002
rs188514326	chr4:100261610	0.005	0.007	-0.002
rs7078436	chr10:30089934	0.309	0.311	-0.002
rs141973904	chr4:99341085	0.015	0.013	0.001
rs141973904	chr4:99341085	0.015	0.013	0.001
rs11940694	chr4:39413373	0.604	0.603	0.002
rs279836	chr4:46337053	0.446	0.442	0.004
rs279836	chr4:46337053	0.446	0.442	0.004
rs279845	chr4:46327706	0.472	0.468	0.005
rs2293576	chr11:47413435	0.341	0.336	0.005
rs279845	chr4:46327706	0.472	0.468	0.005
rs4975012	chr4:39421892	0.230	0.223	0.007
rs11733695	chr4:99201759	0.023	0.009	0.014
rs13107325,CM1111819	chr4:102267552	0.079	0.065	0.014
rs11733695	chr4:99201759	0.023	0.009	0.014
rs4953148	chr2:44925383	0.358	0.343	0.015
rs13135092	chr4:102276925	0.092	0.074	0.019
rs1920650	chr3:160617800	0.334	0.302	0.032

Top 10 and bottom 10 differences between AF in PL and gnomAD Non Finnish European

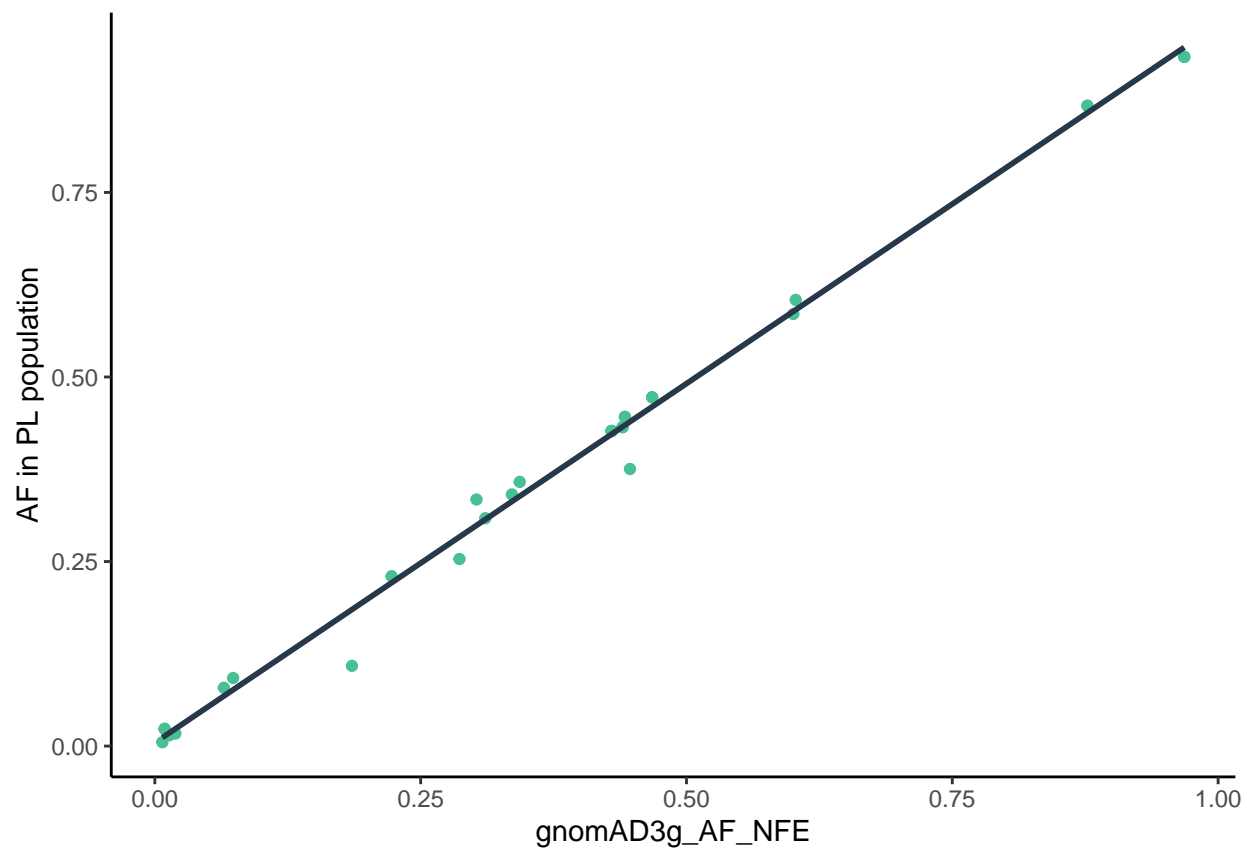
Existing_variation	Location	PL_AF	gnomADg_AF_NFE	Association	nfe_diff
rs185596576	chr21:37757016	0.0017401	1.0000000	unconfirmed	-0.9982599
rs34323784	chr7:70577809	0.0005302	0.7796300	unconfirmed	-0.7790998
rs34025736	chr4:46265393-46265394	0.0010661	0.5052230	unconfirmed	-0.5041569
rs1422852714	chr7:70585877-70585878	0.0084836	0.5038460	unconfirmed	-0.4953624
rs113871139	chr21:37645960	0.0593849	0.5121050	unconfirmed	-0.4527201
rs1481474613	chr7:70071991-70071992	0.0005302	0.4500000	unconfirmed	-0.4494698
rs796232263	chr21:37614388-37614389	0.0005319	0.3347600	unconfirmed	-0.3342281
rs200172179	chr7:69870446-69870447	0.0301974	0.3590650	unconfirmed	-0.3288676
rs199953817	chr4:99137137-99137138	0.3052020	0.5716250	unconfirmed	-0.2664230
rs113587330	chr21:37731100-37731101	0.0005302	0.2465210	unconfirmed	-0.2459908
rs1310244526	chr21:38106141	0.9483870	0.7169780	unconfirmed	0.2314090
rs555099546	chr21:37688370-37688371	0.2941180	0.0524927	unconfirmed	0.2416253
rs3787815	chr21:37688381	0.3657460	0.1166510	unconfirmed	0.2490950
rs3787816	chr21:37688382	0.2658860	0.0026563	unconfirmed	0.2632297
rs149812780	chr21:37614360-37614361	0.2725820	0.0025850	unconfirmed	0.2699970
rs73220486	chr21:37614386	0.2797430	0.0067188	unconfirmed	0.2730243
rs2898318	chr21:37614388	0.2776600	0.0030666	unconfirmed	0.2745934
rs62221628	chr21:37685596	0.7216610	0.4086290	unconfirmed	0.3130320
rs324611	chr7:136973668	0.9453290	0.0920783	unconfirmed	0.8532507
rs324609	chr7:136973606	0.8727970	0.0013161	unconfirmed	0.8714809

1. Polish vs gnomAD Non-Finnish European for 29520 variants in genes:

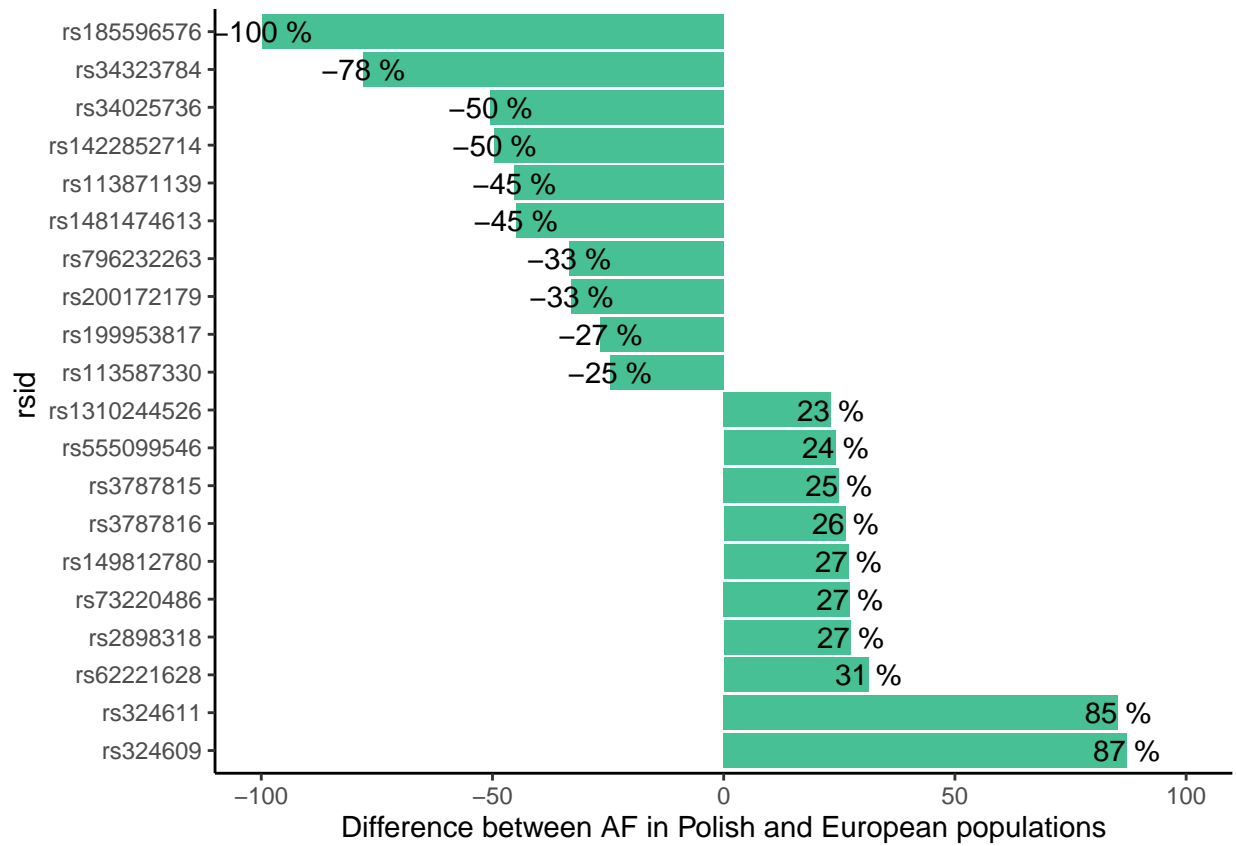
SYMBOL	variants
ADH1A	251
ADH1B	789
ADH1C	420
ADH4	660
ADH5	377
ADH6	258
ADH7	433
ALDH1A1	1930
ALDH2	594
AUTS2	12998
CHRM2	1843
GABRA2	2652
KCNJ6	6315



2. Polish vs gnomAD Non-Finnish European for 23 variants with know association:



3. Top 10 and bottom 10 between Polish and gnomAD Non Finnish European for all genes



4. Differences between Polish and gnomAD Non Finnish European for associated variants

