

Supplementary Table 3. Population allele frequencies of prioritized variants in gnomAD

Gene	rsID	ALL_AF	EAS_AF	EUR_AF	AFR_AF	SAS_AF
GSG1	rs146166808	0.0000958	0.001148	0.00003307	0	0
ZNF286A	rs184773569	0.00007806	0.000601	0.00005448	0	0
FRMD4B	rs144459338	0.0001323	0.001692	0.000007813	0	0
DLL3	rs776036444	0.0001256	0.001576	0	0	0
GSG1	rs146166808	0.0000958	0.001148	0.00003307	0	0
ZNF454	rs184153007	0.001015	0.01383	0.00001548	0.000196	0
GLYATL1	rs117190061	0.000937	0.01223	0.0001007	0.000131	0.00008012
SALL3	rs200143215	0.0001415	0.000602	0.0001317	0	0
P2RY1	rs118182811	0.001369	0.01709	0.00002326	0	0.001209
IGLL1	rs139571703	0.0331	0.02266	0.03678	0.02614	0.04502
SLC23A2	rs141901582	0.000244	0.003358	0	0	0
SERPINA6	rs146744332	0.001482	0.02006	0	0.00012	0.0003266

Data are presented for allele frequencies across major gnomAD populations (v2.1.1).

rsID, reference SNP cluster ID; ALL_AF, allele frequency in total gnomAD population; EAS_AF, East Asian; EUR_AF, European; AFR_AF, African/African American; SAS_AF, South Asian.