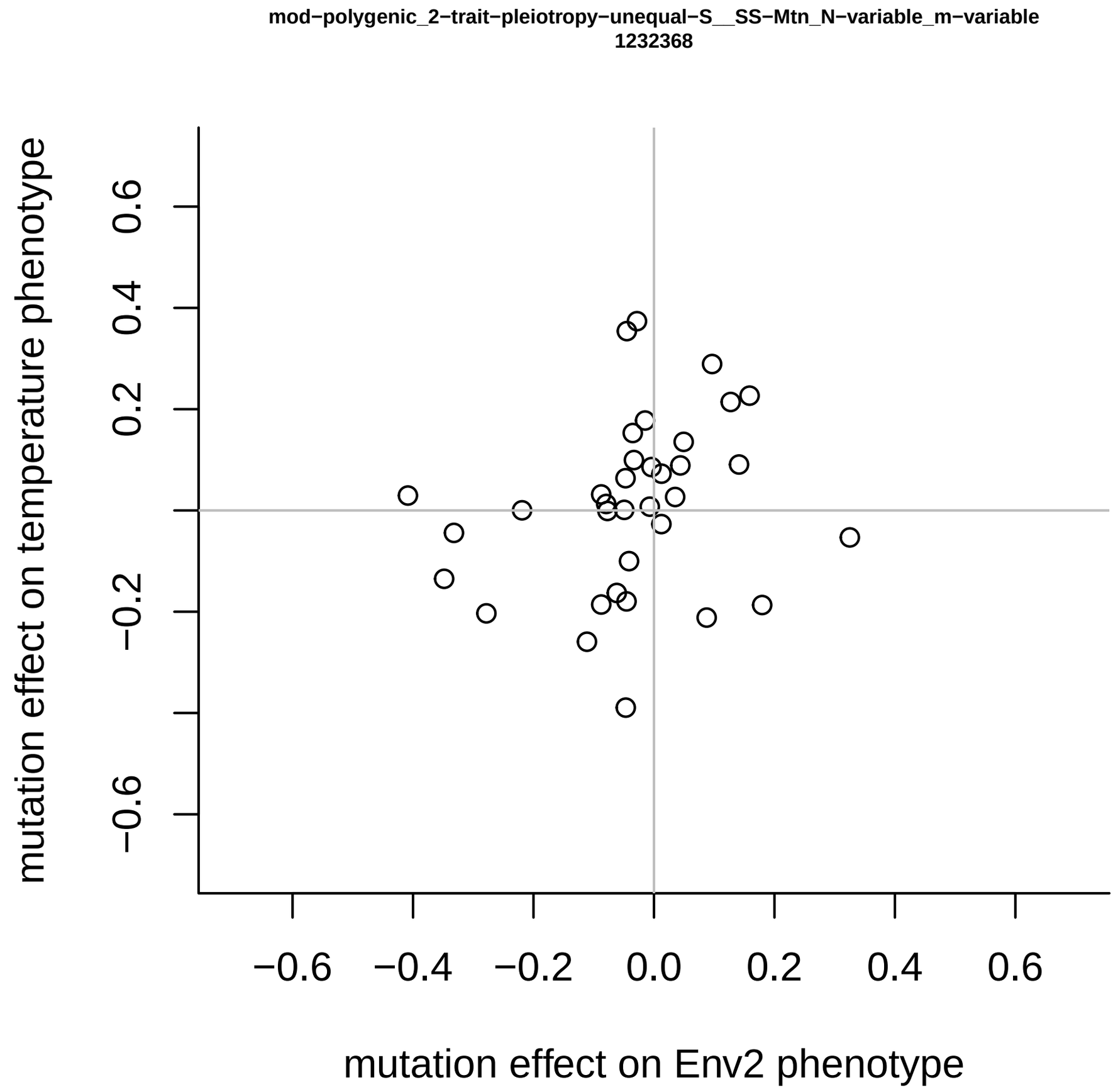
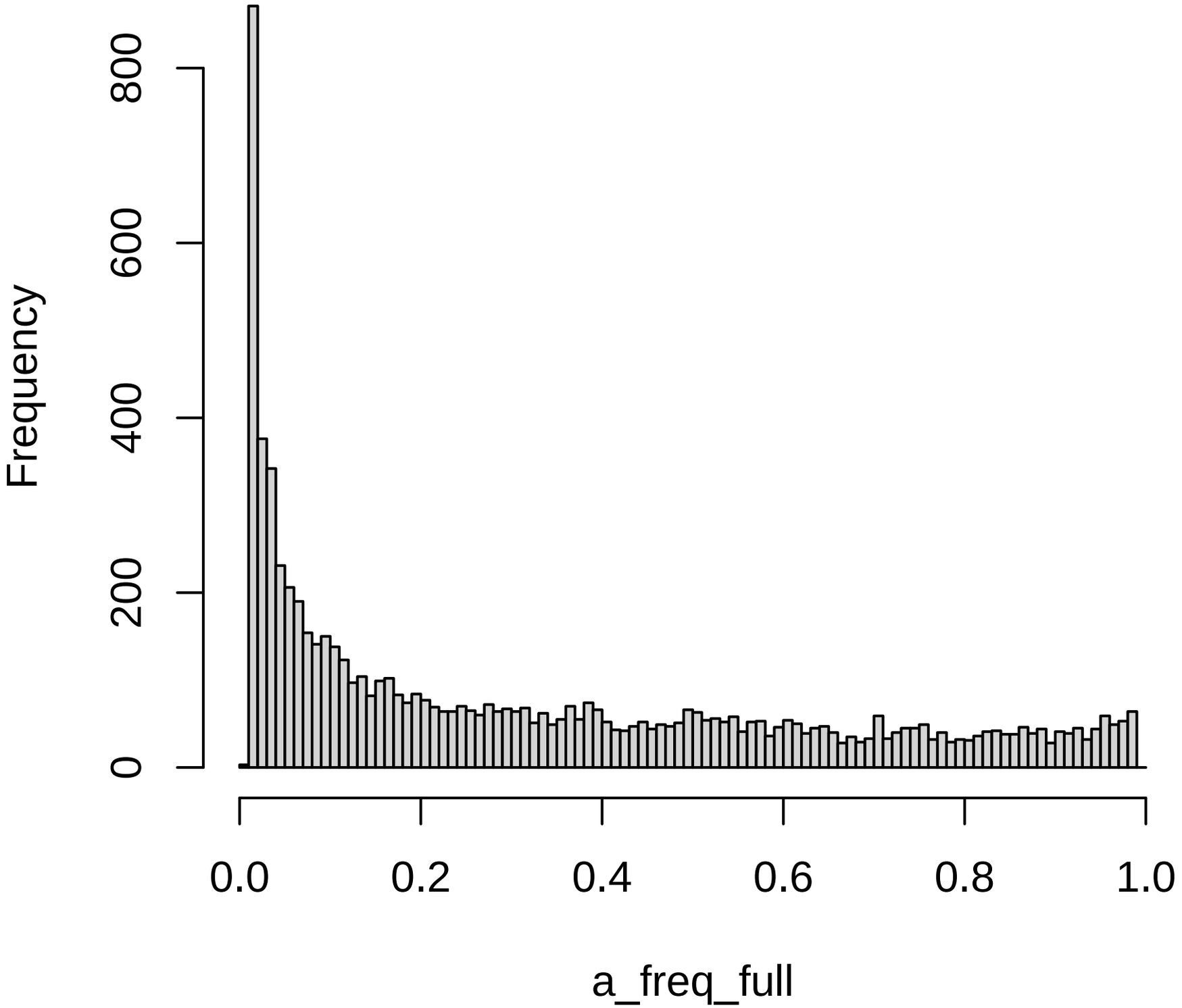
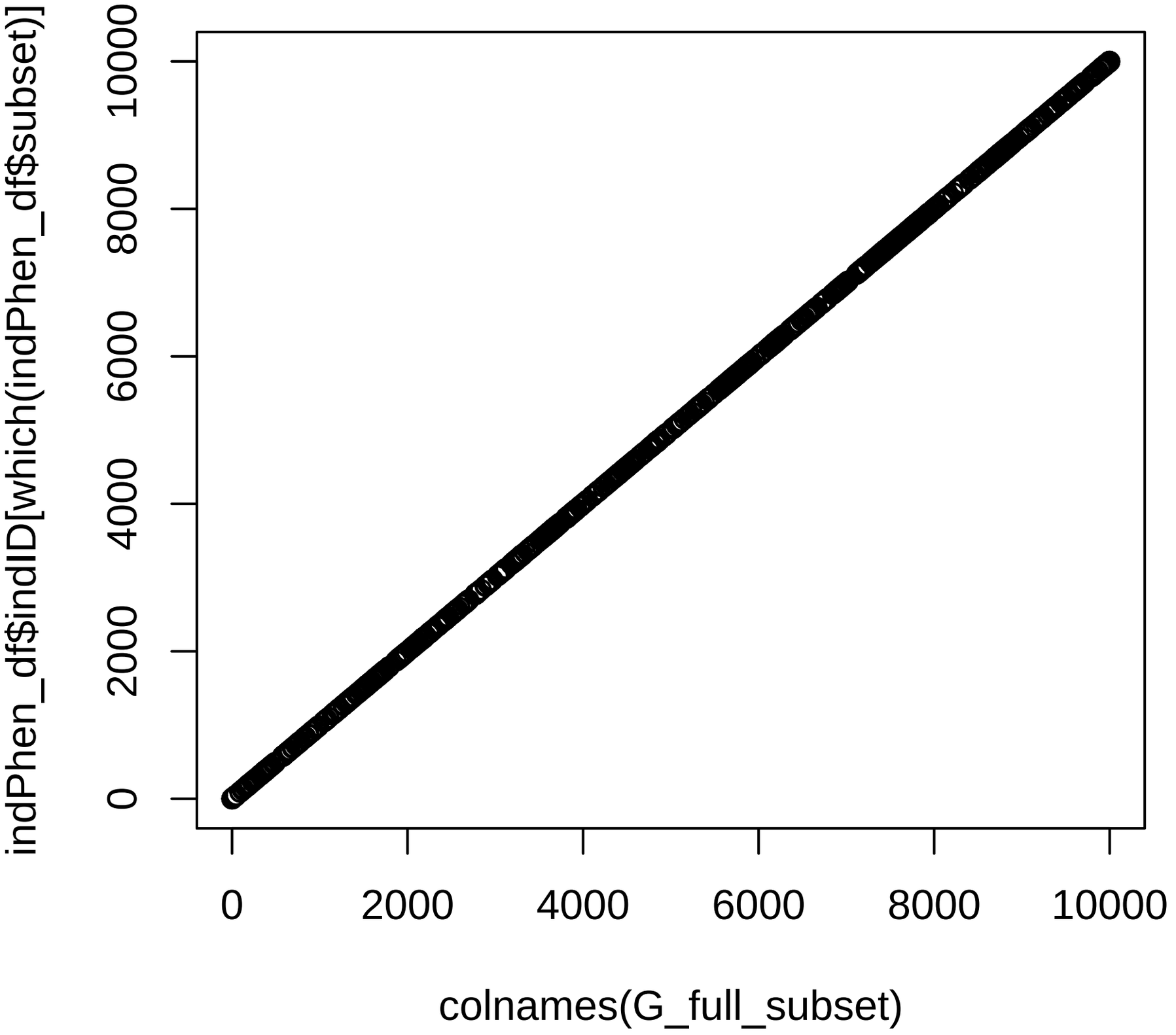
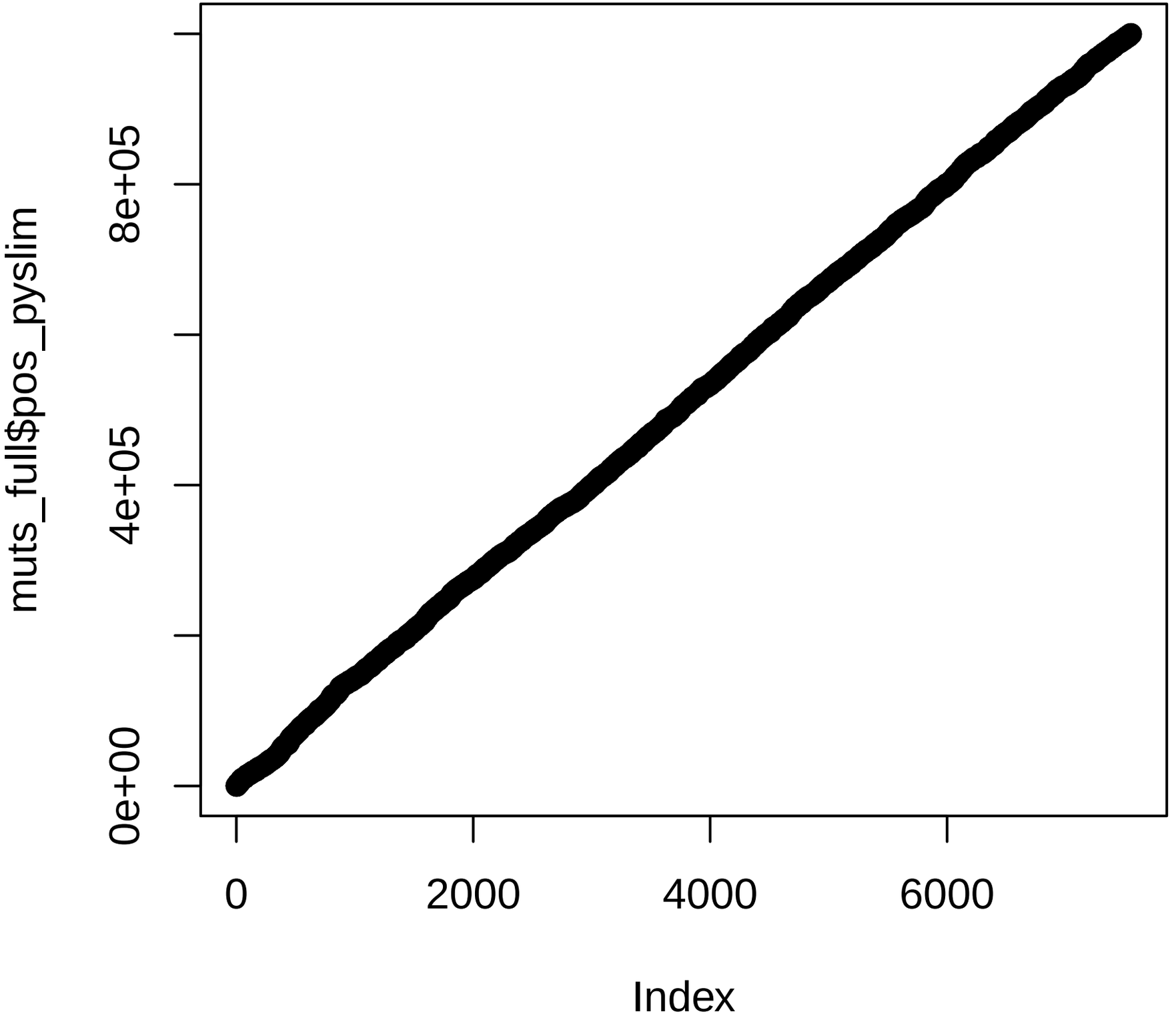
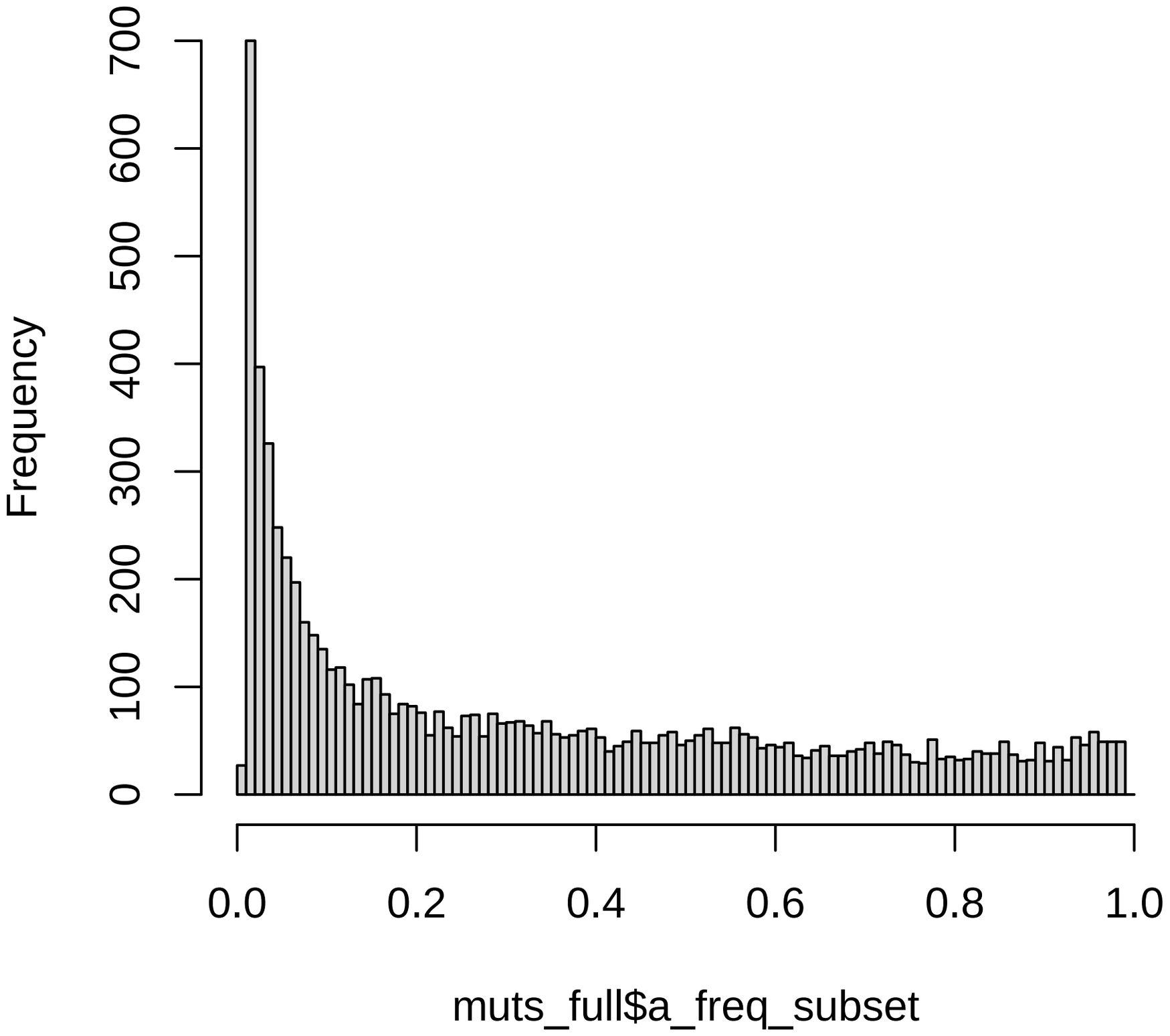
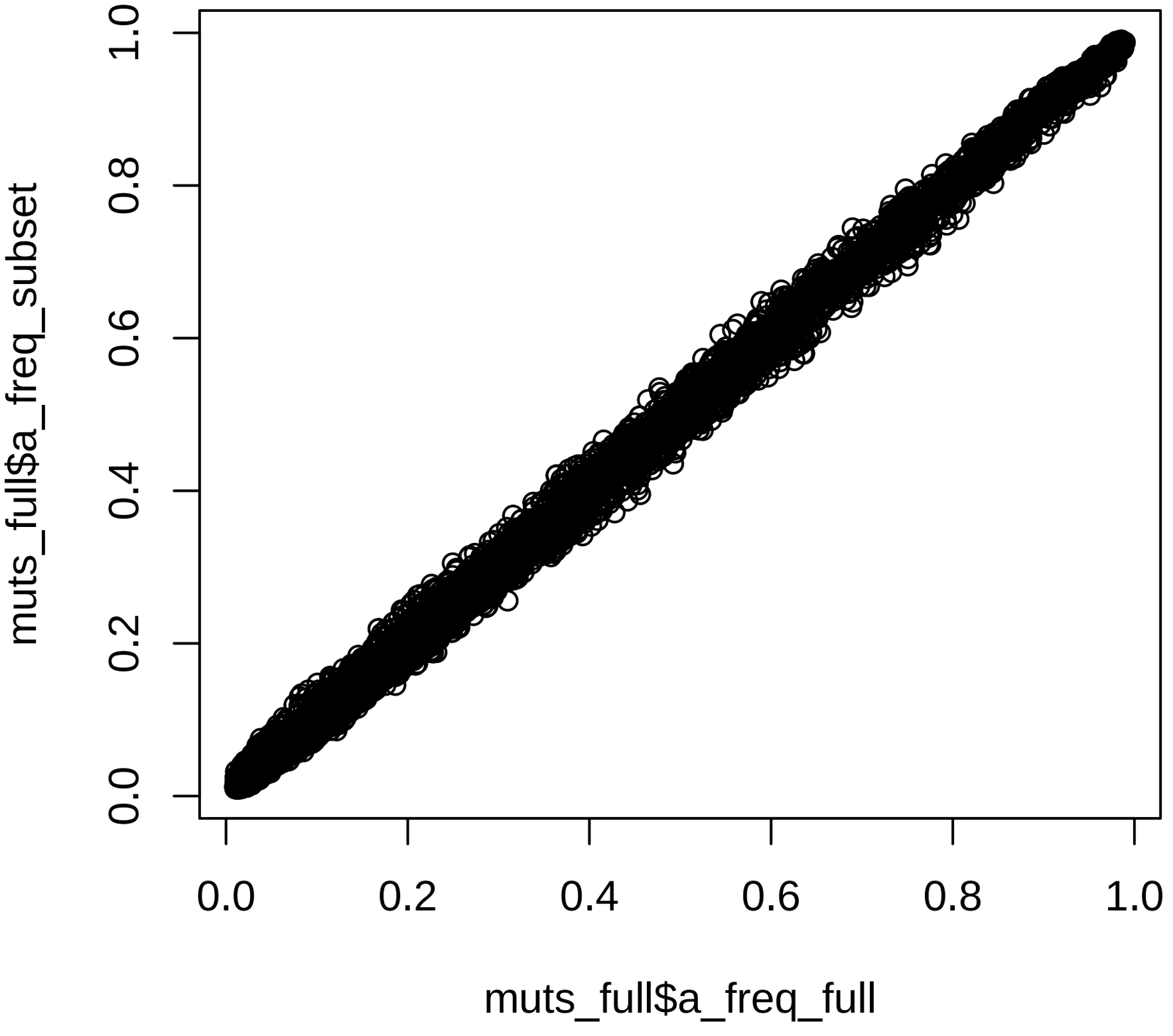

mod−polygenic_2−trait−pleiotropy−unequal−S__SS−Mtn_N−variable_m−variable
1232368
mutation effect on temperature phenotype
0.6
0.4
0.2
−0.2
−0.6
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
mutation effect on Env2 phenotype

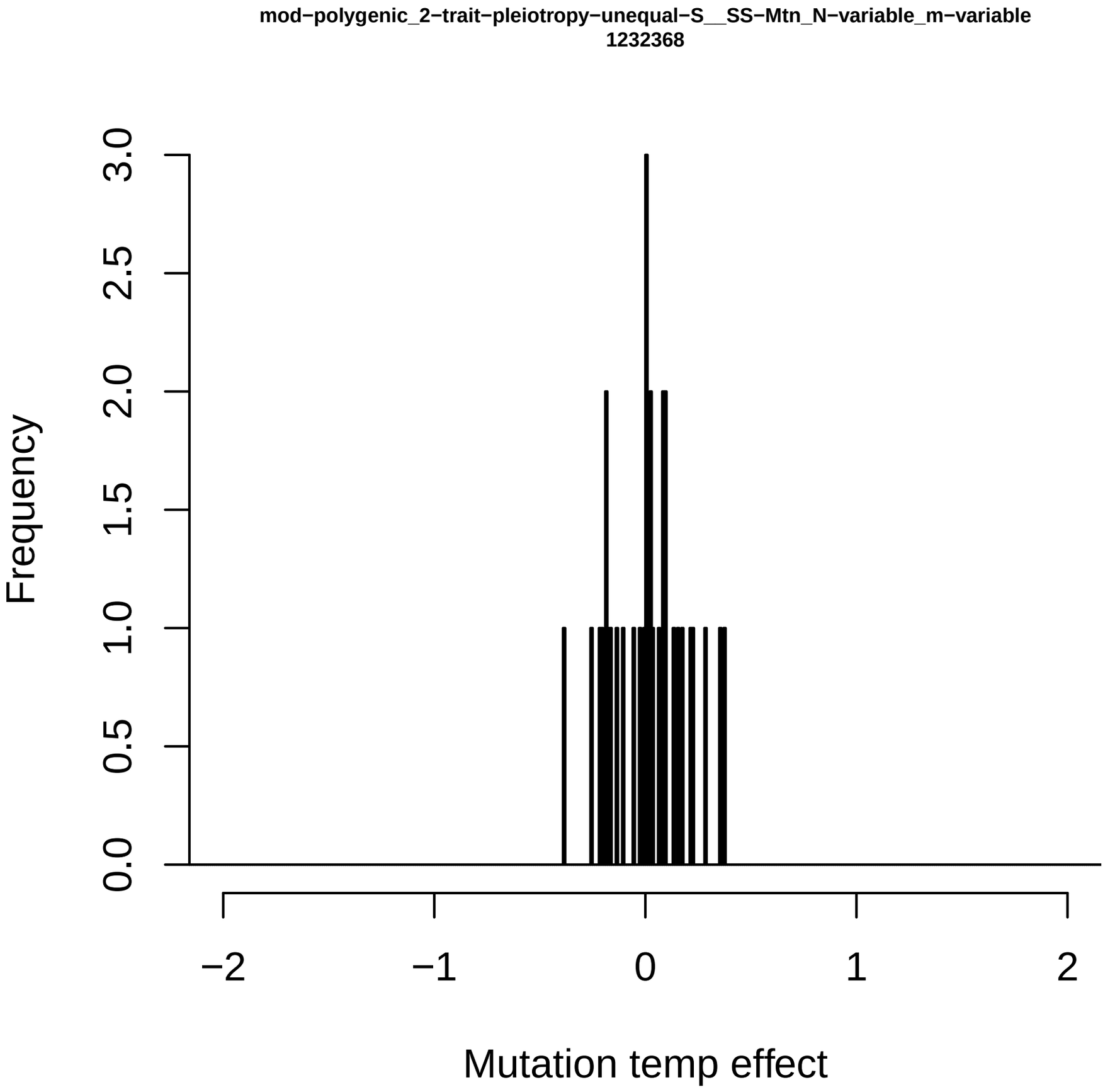

Histogram of a_freq_full
Frequency
0
200
400
600
800
0.0
0.2
0.4
0.6
0.8
1.0
a_freq_full

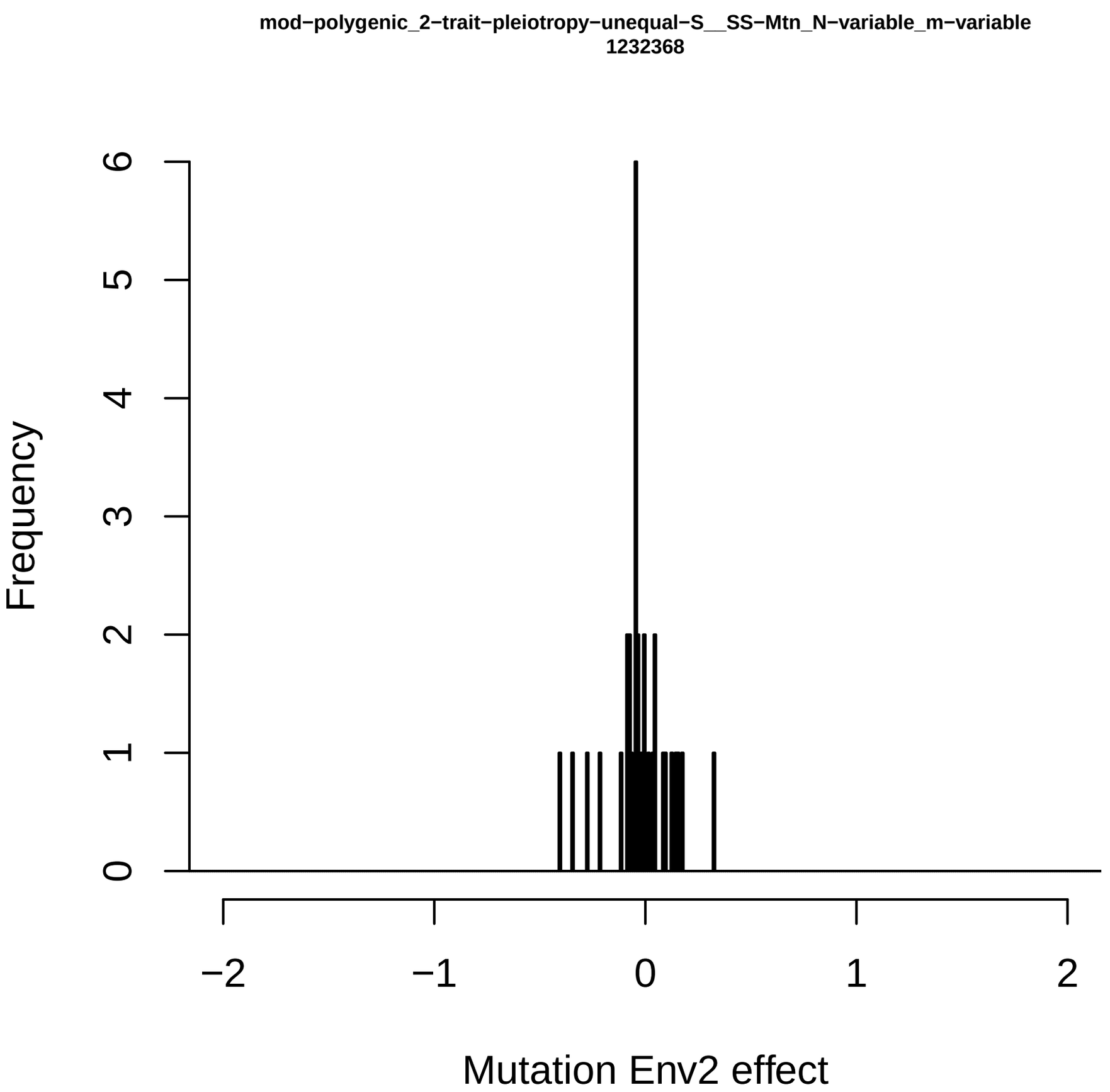

indPhen_df$indID[which(indPhen_df$subset)]
0
2000
4000
6000
8000
10000
0
2000
4000
6000
8000
10000
colnames(G_full_subset)

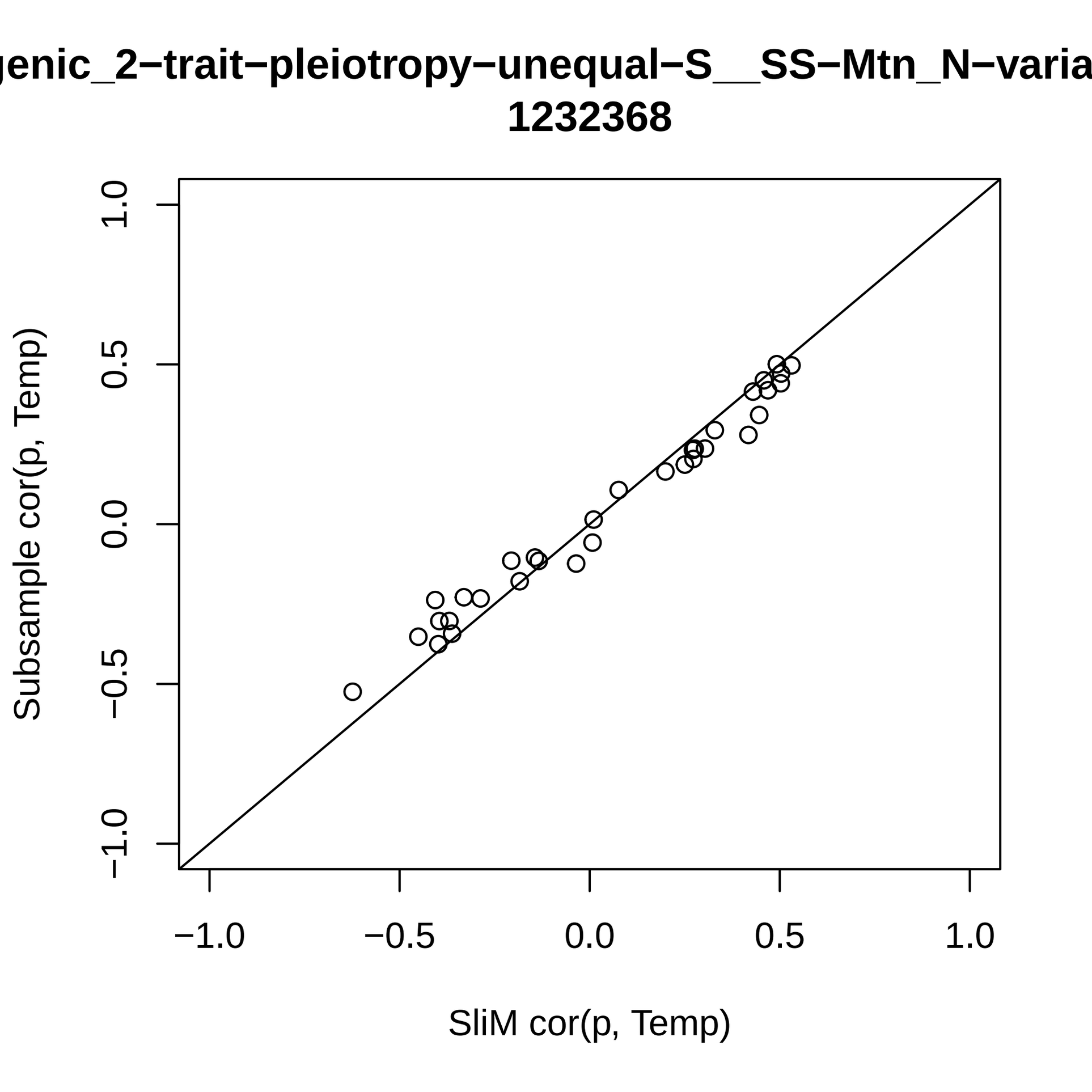

muts_full$pos_pyslim
0e+00
4e+05
8e+05
0
2000
4000
6000
Index

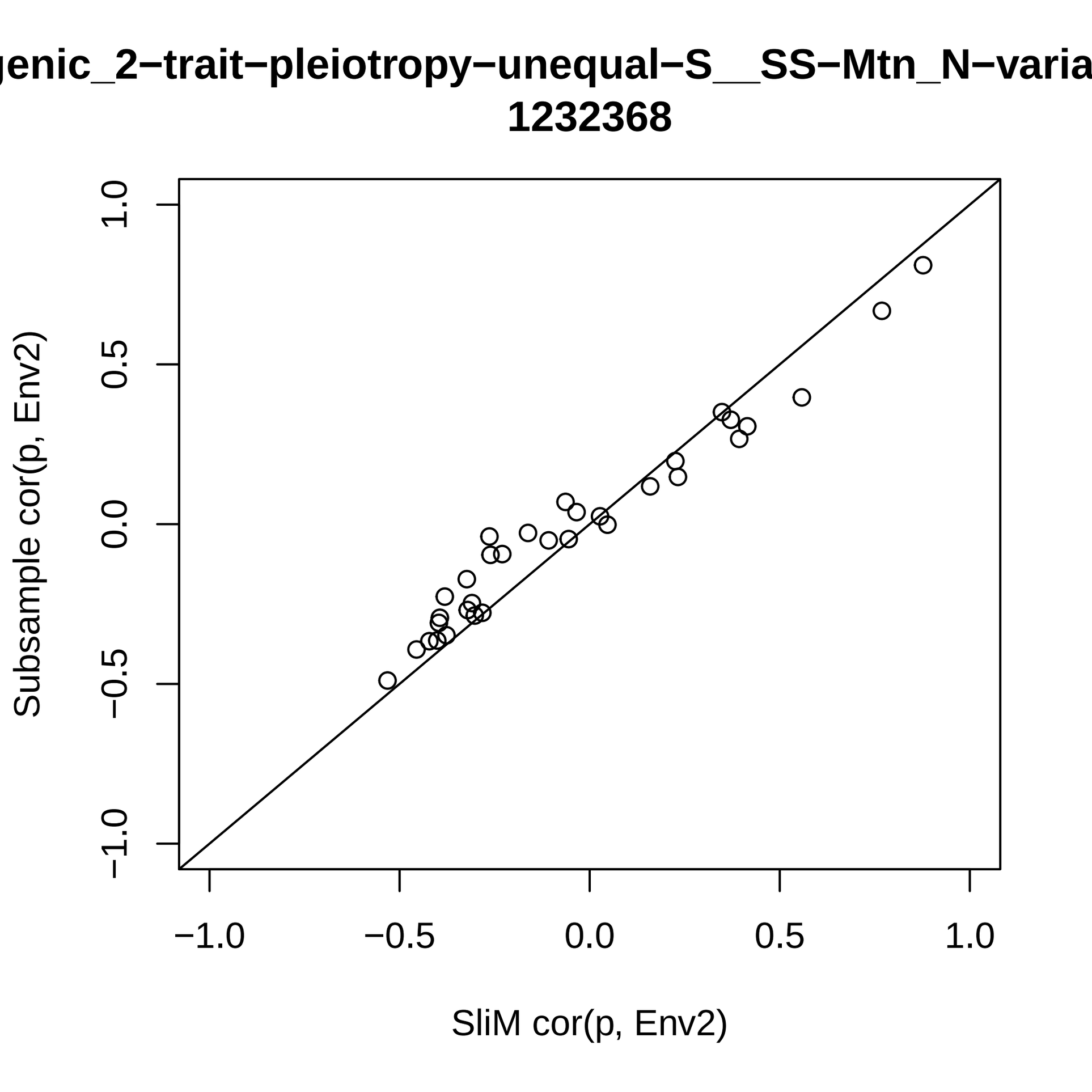

Histogram of muts_full$a_freq_subset
Frequency
0
100
200
300
400
500
600
700
0.0
0.2
0.4
0.6
0.8
1.0
muts_full$a_freq_subset

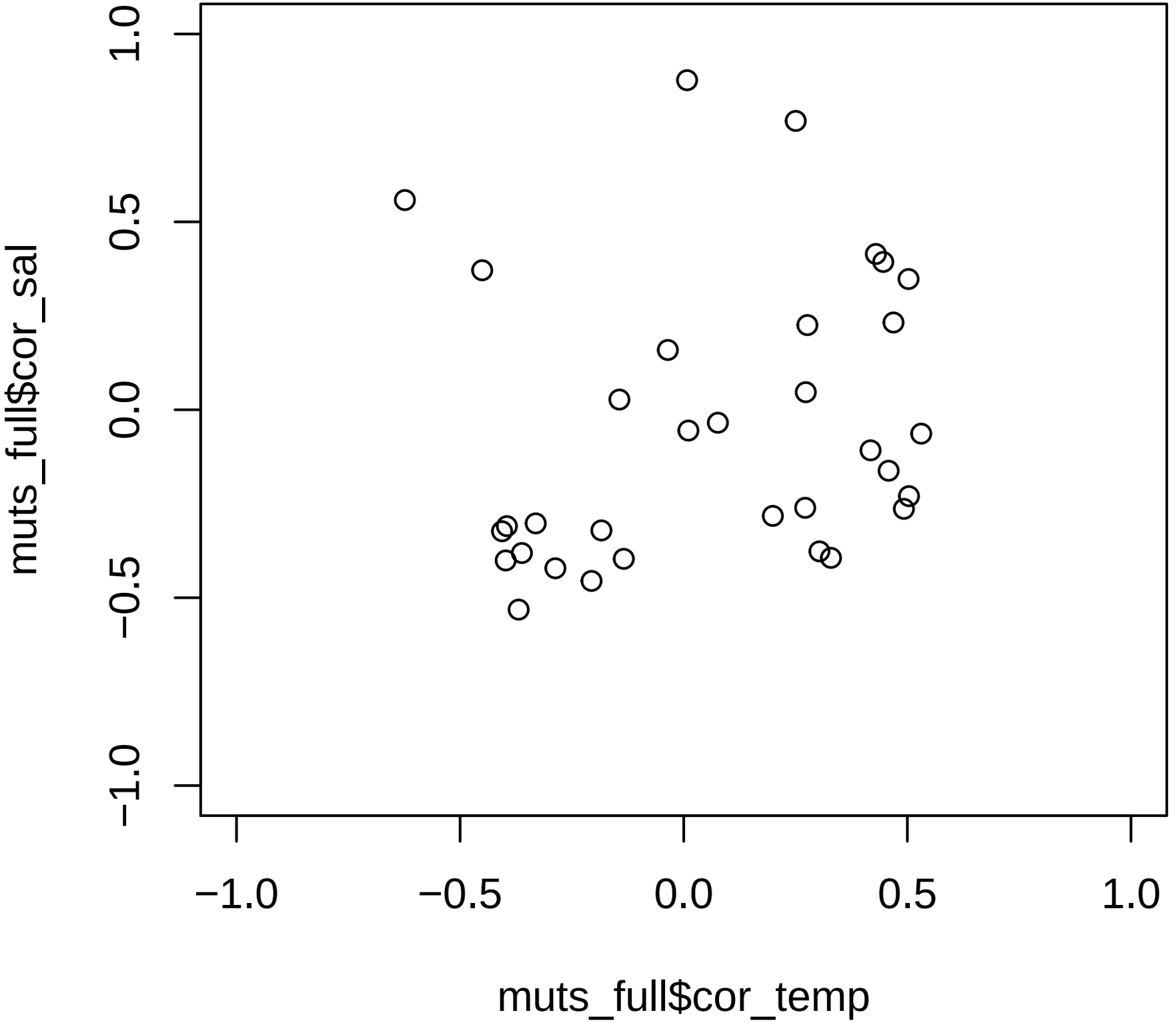

muts_full$a_freq_subset
0.0
0.2
0.4
0.6
0.8
1.0
0.0
0.2
0.4
0.6
0.8
1.0
muts_full$a_freq_full

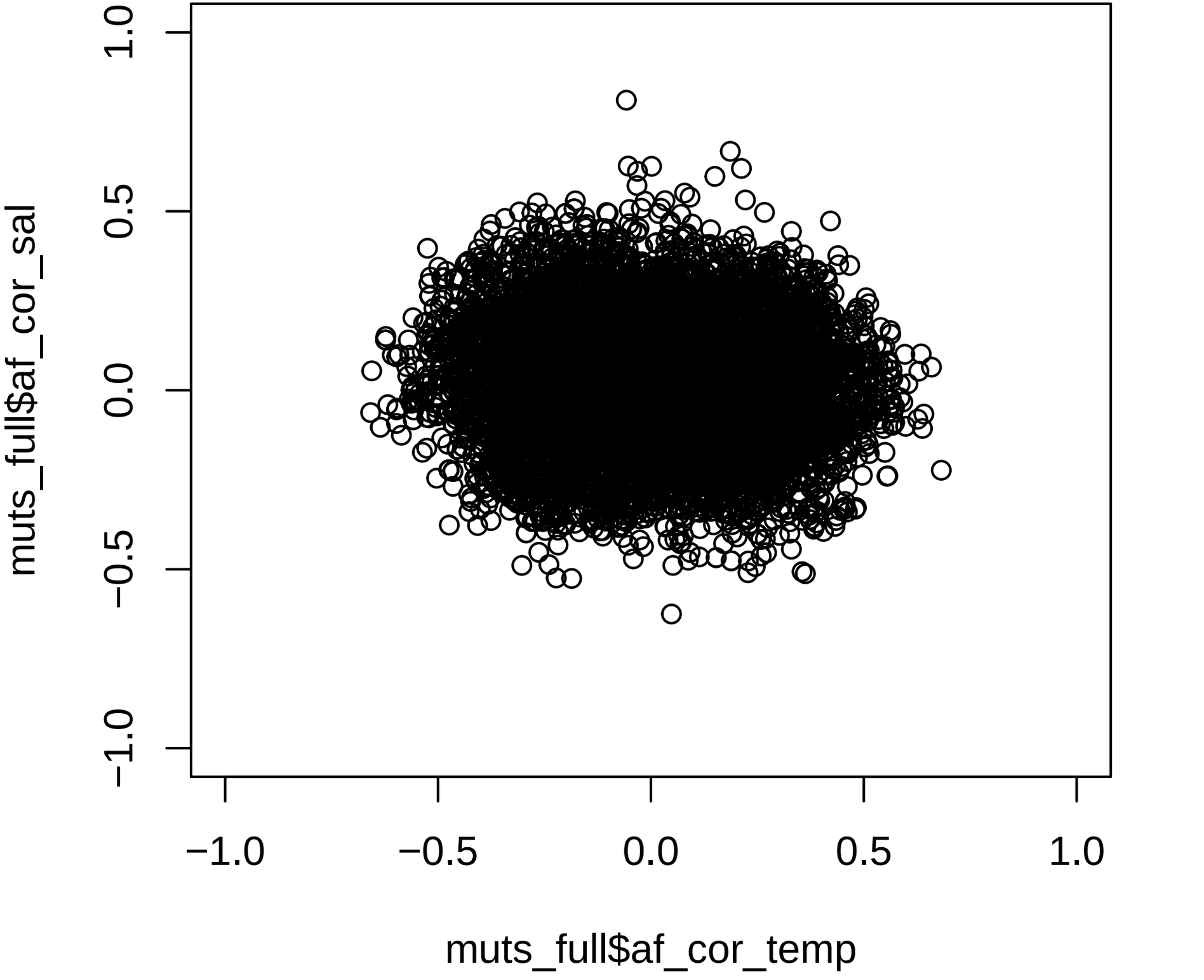

mod−polygenic_2−trait−pleiotropy−unequal−S__SS−Mtn_N−variable_m−variable
1232368
Frequency
0.0
0.5
1.0
1.5
2.0
2.5
3.0
−2
−1
0
1
2
Mutation temp effect

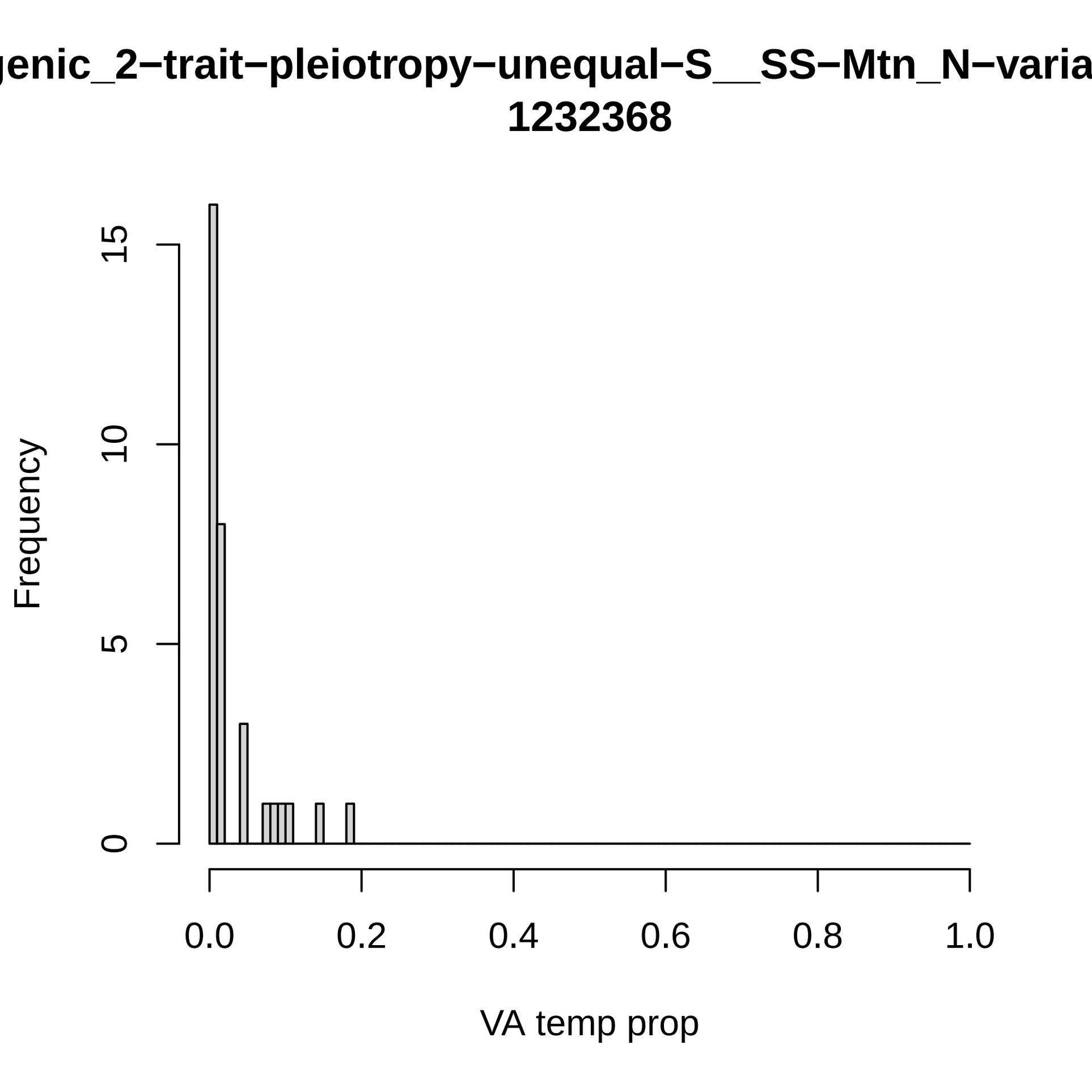

mod−polygenic_2−trait−pleiotropy−unequal−S__SS−Mtn_N−variable_m−variable
1232368
Frequency
0
1
2
3
4
5
6
−2
−1
0
1
2
Mutation Env2 effect

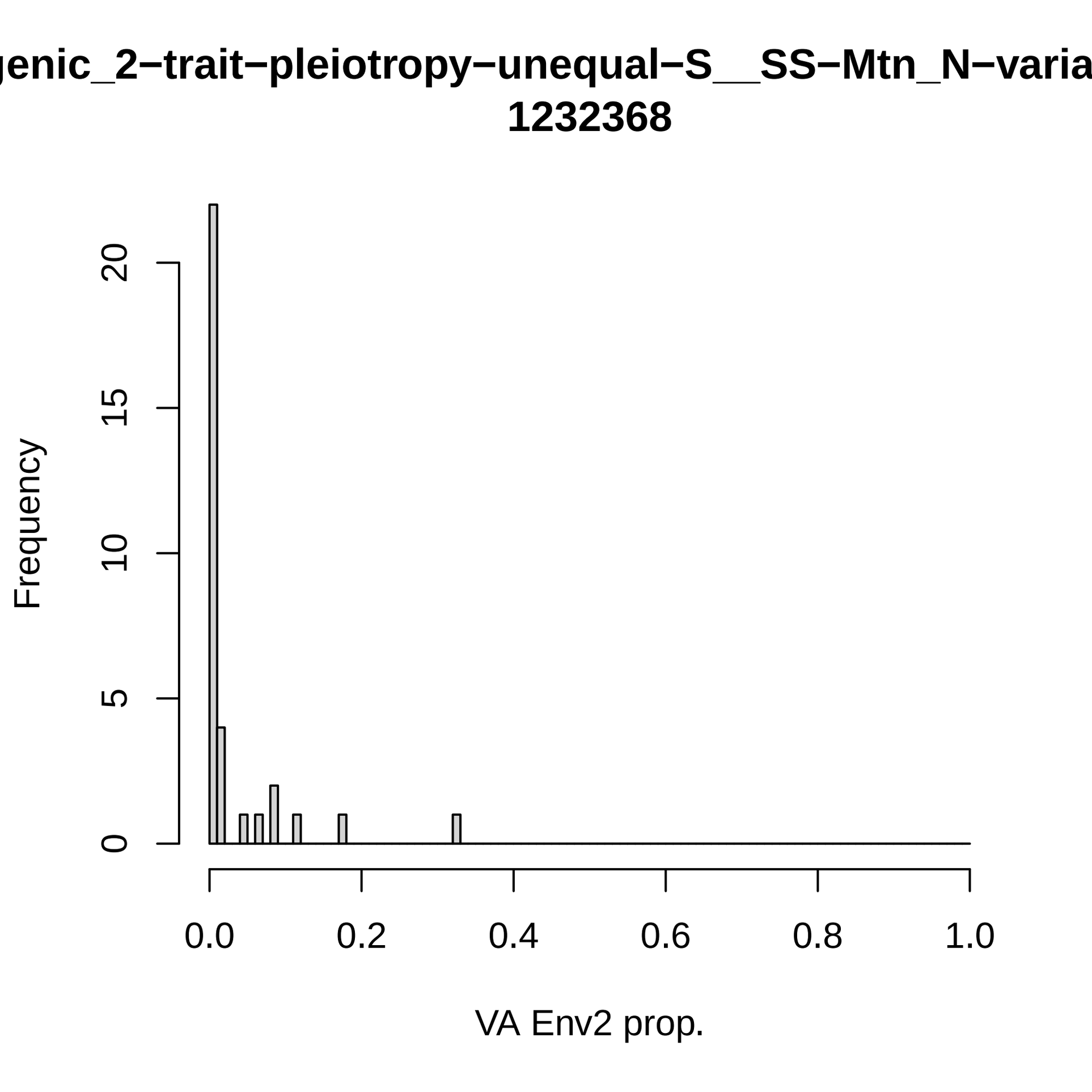

genic_2−trait−pleiotropy−unequal−S__SS−Mtn_N−varia
1232368
Subsample cor(p, Temp)
SliM cor(p, Temp)
−1.0
−0.5
0.0
0.5
1.0

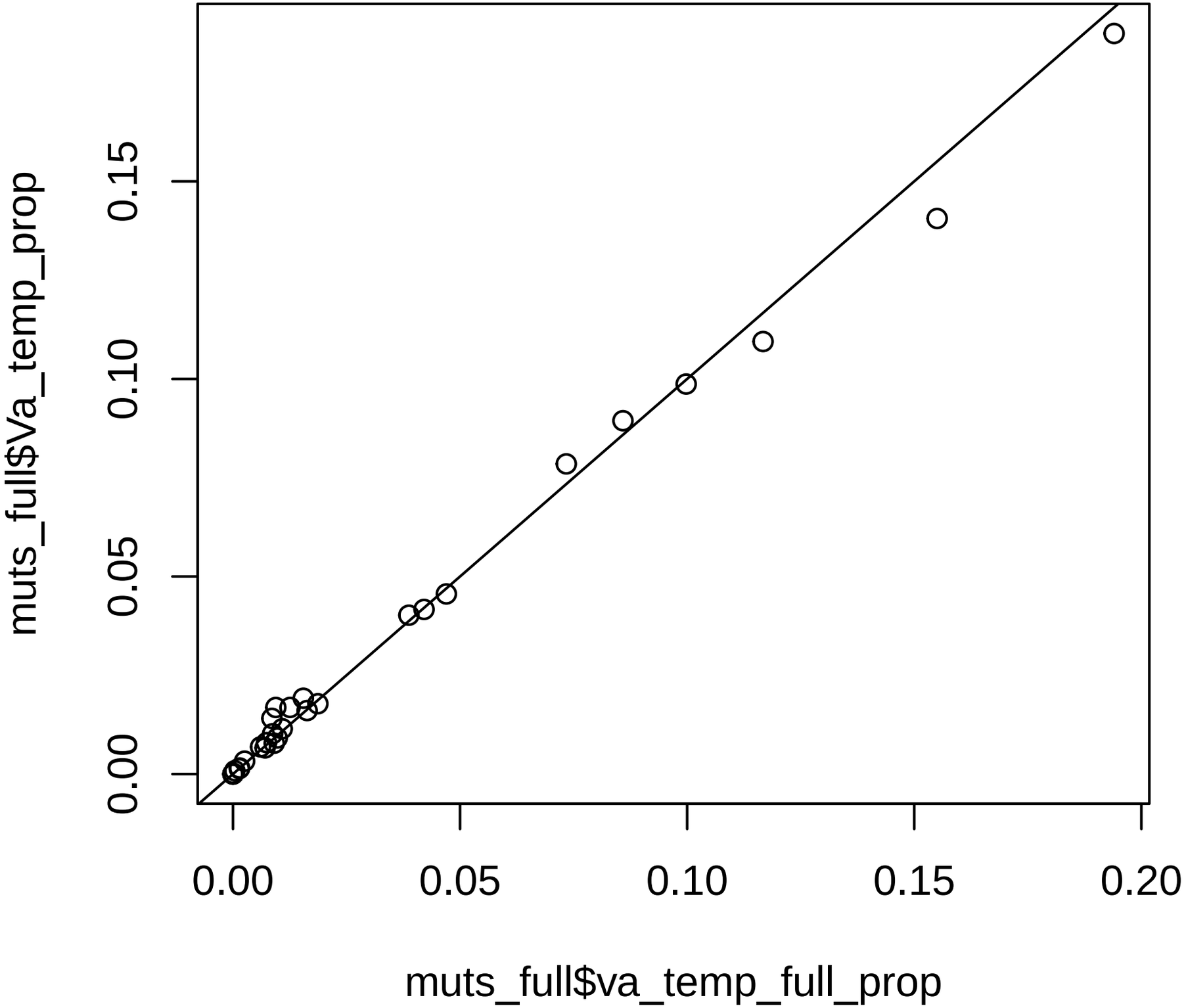

genic_2−trait−pleiotropy−unequal−S__SS−Mtn_N−varia
1232368
Subsample cor(p, Env2)
SliM cor(p, Env2)
−1.0
−0.5
0.0
0.5
1.0

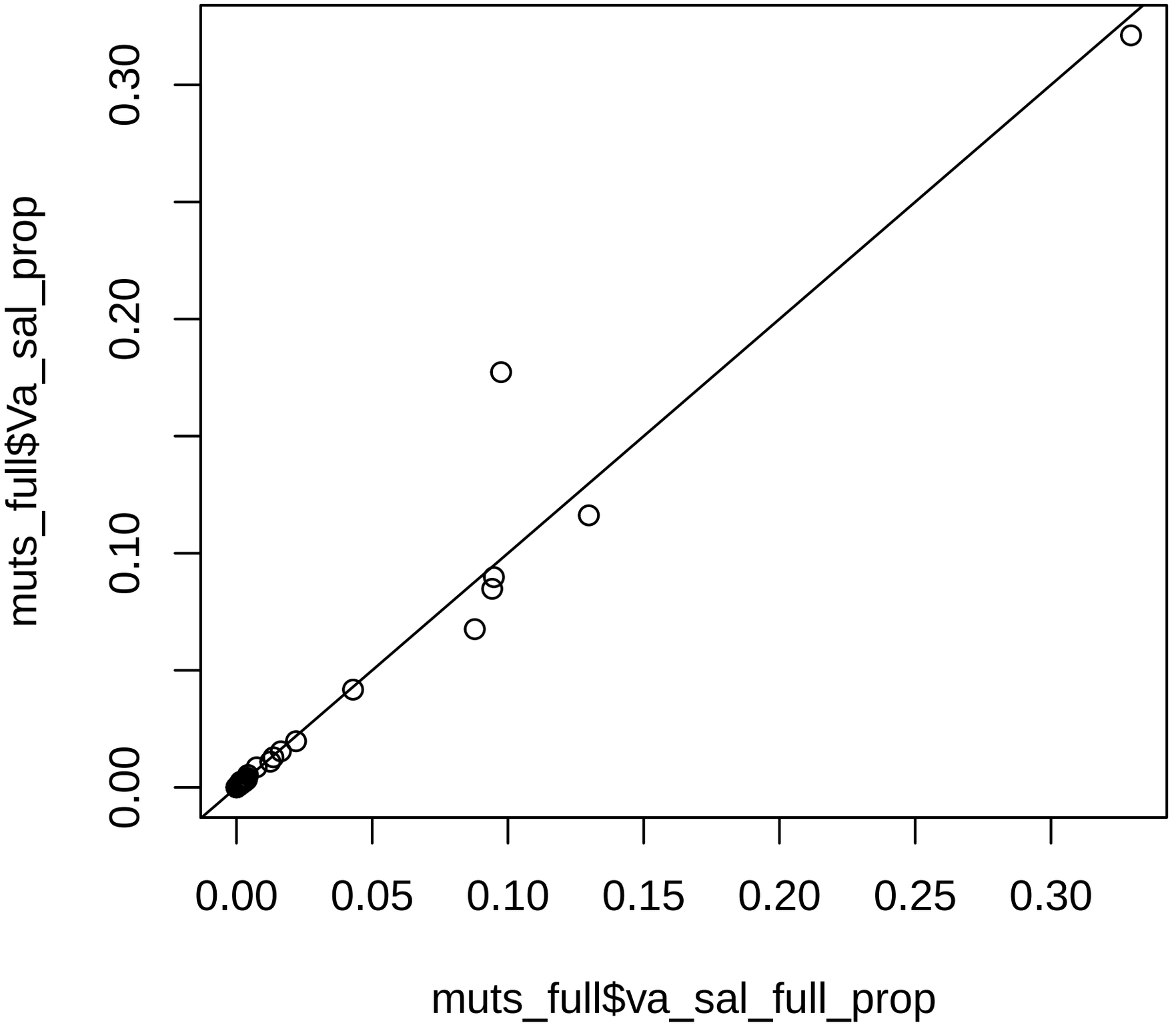

SliM Correlation (AF, ENV) all samples
muts_full$cor_sal
muts_full$cor_temp
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0

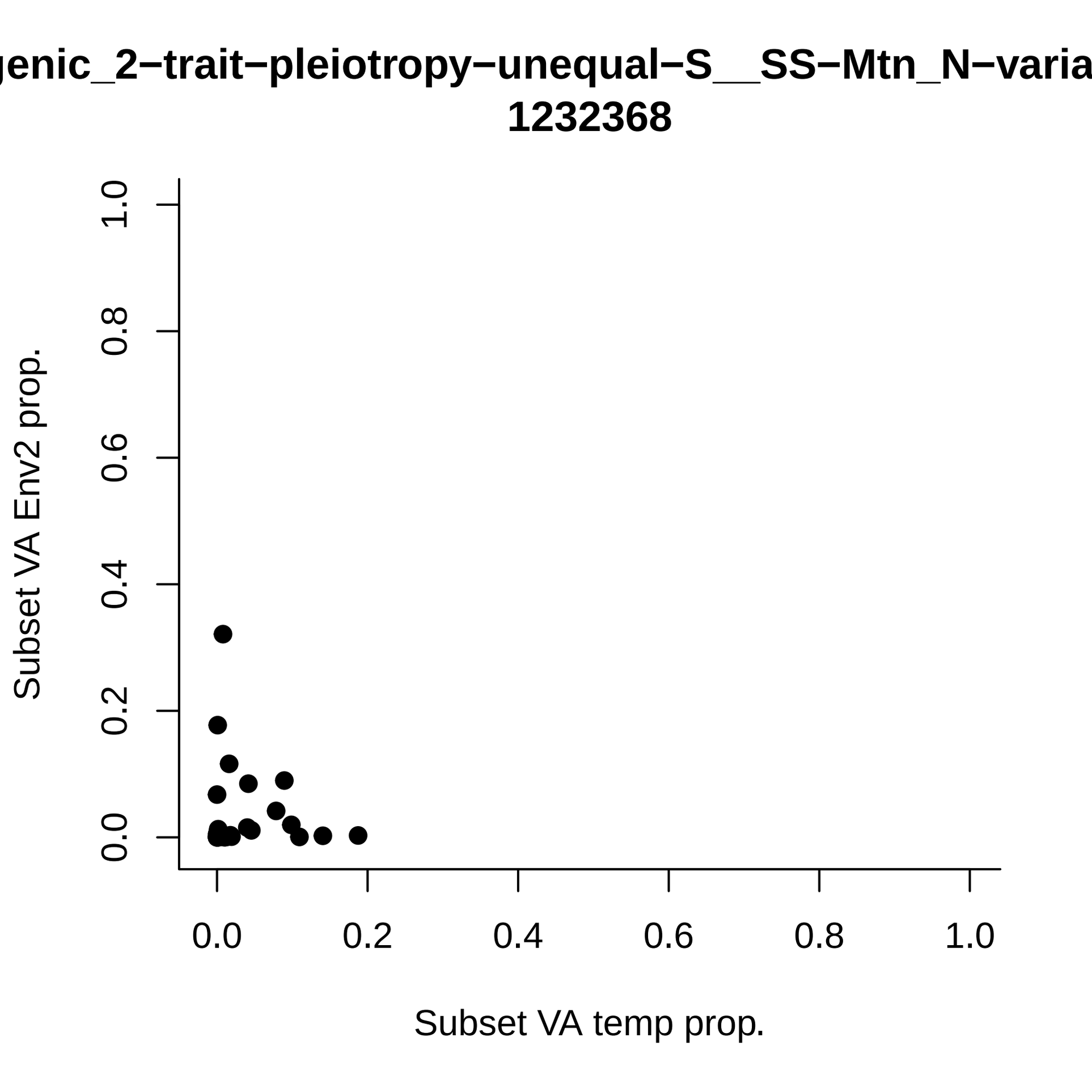

Subsample Correlation (AF, ENV) all samples
muts_full$af_cor_sal
muts_full$af_cor_temp
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0

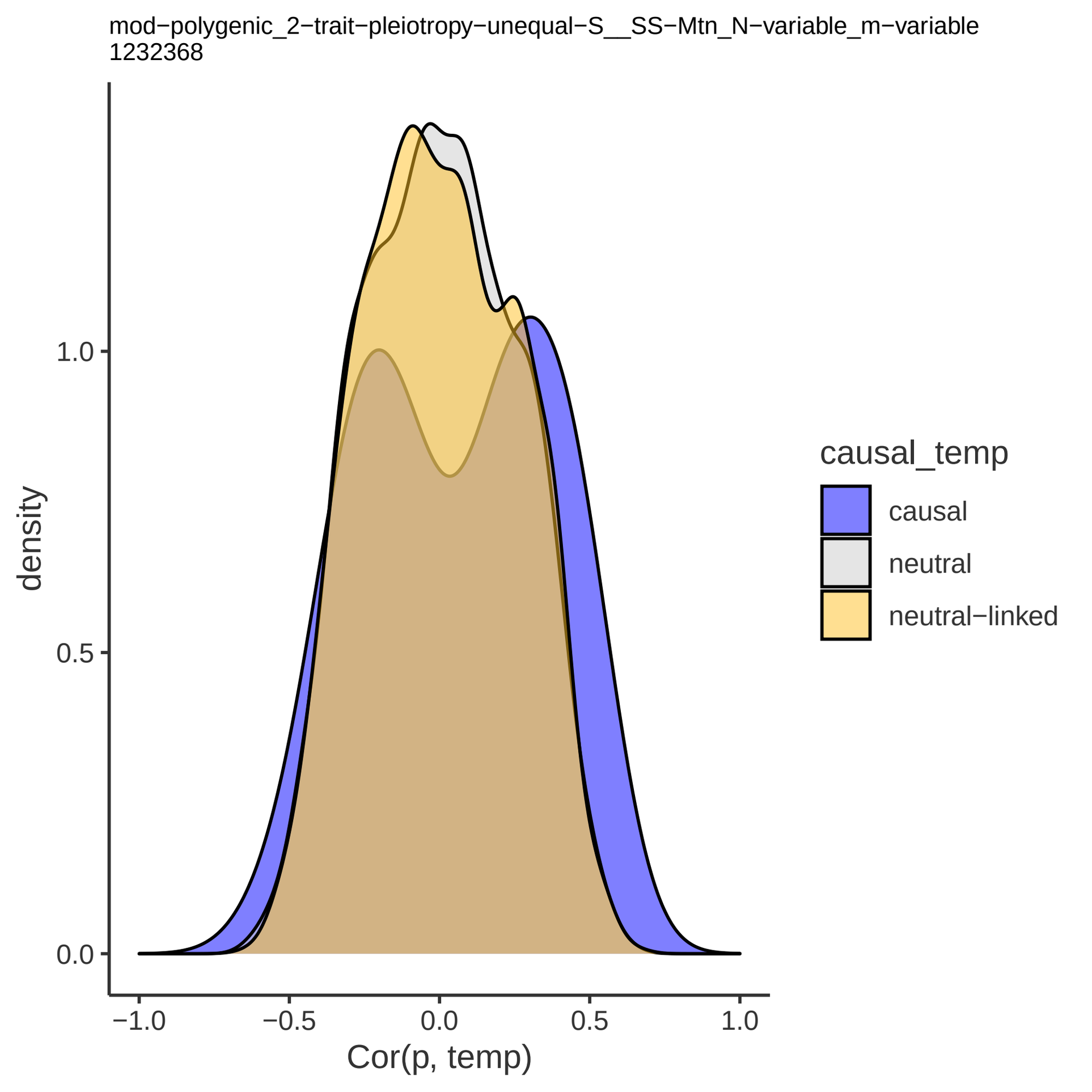

genic_2−trait−pleiotropy−unequal−S__SS−Mtn_N−varia
1232368
Frequency
0
5
10
15
0.0
0.2
0.4
0.6
0.8
1.0
VA temp prop

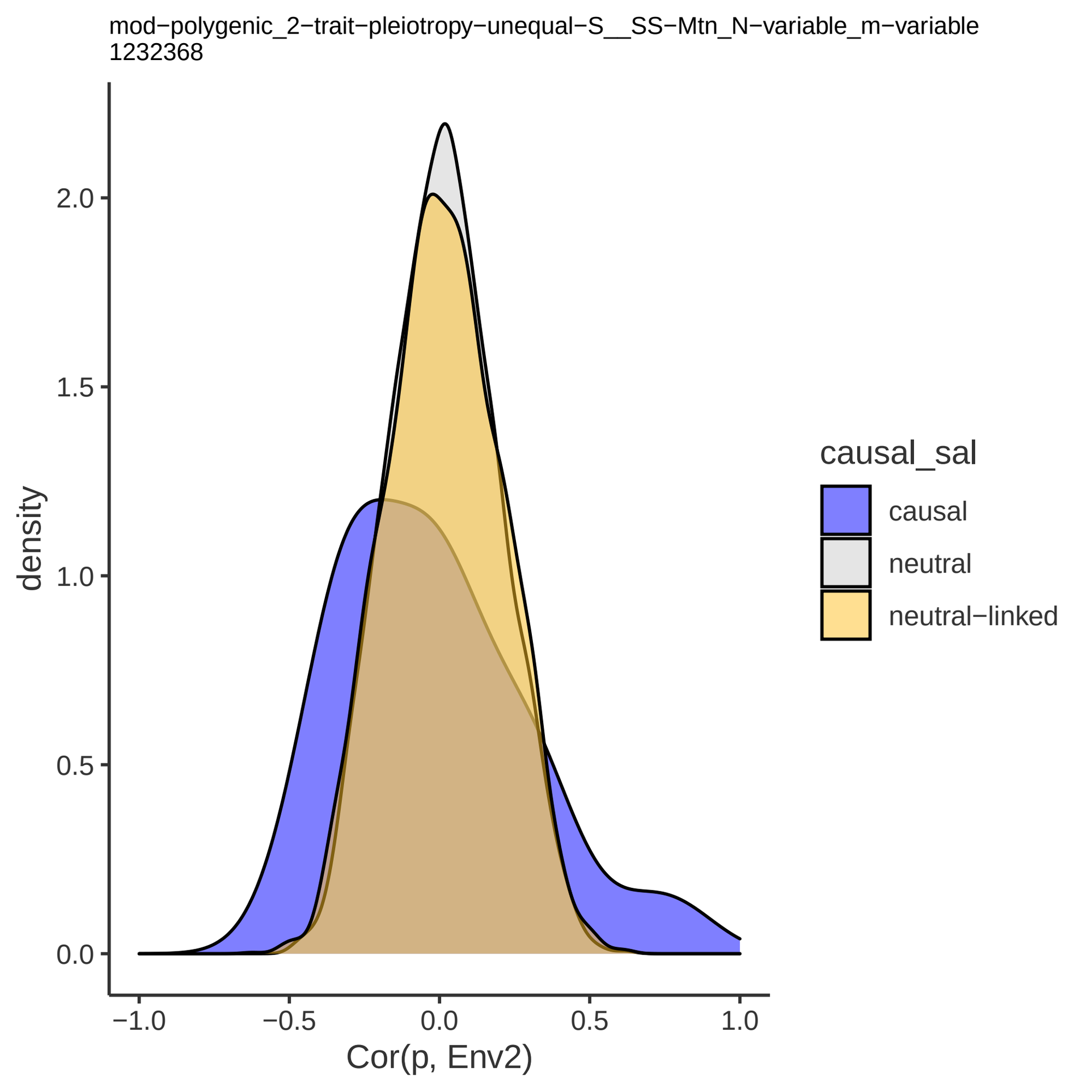

genic_2−trait−pleiotropy−unequal−S__SS−Mtn_N−varia
1232368
Frequency
0
5
10
15
20
0.0
0.2
0.4
0.6
0.8
1.0
VA Env2 prop.

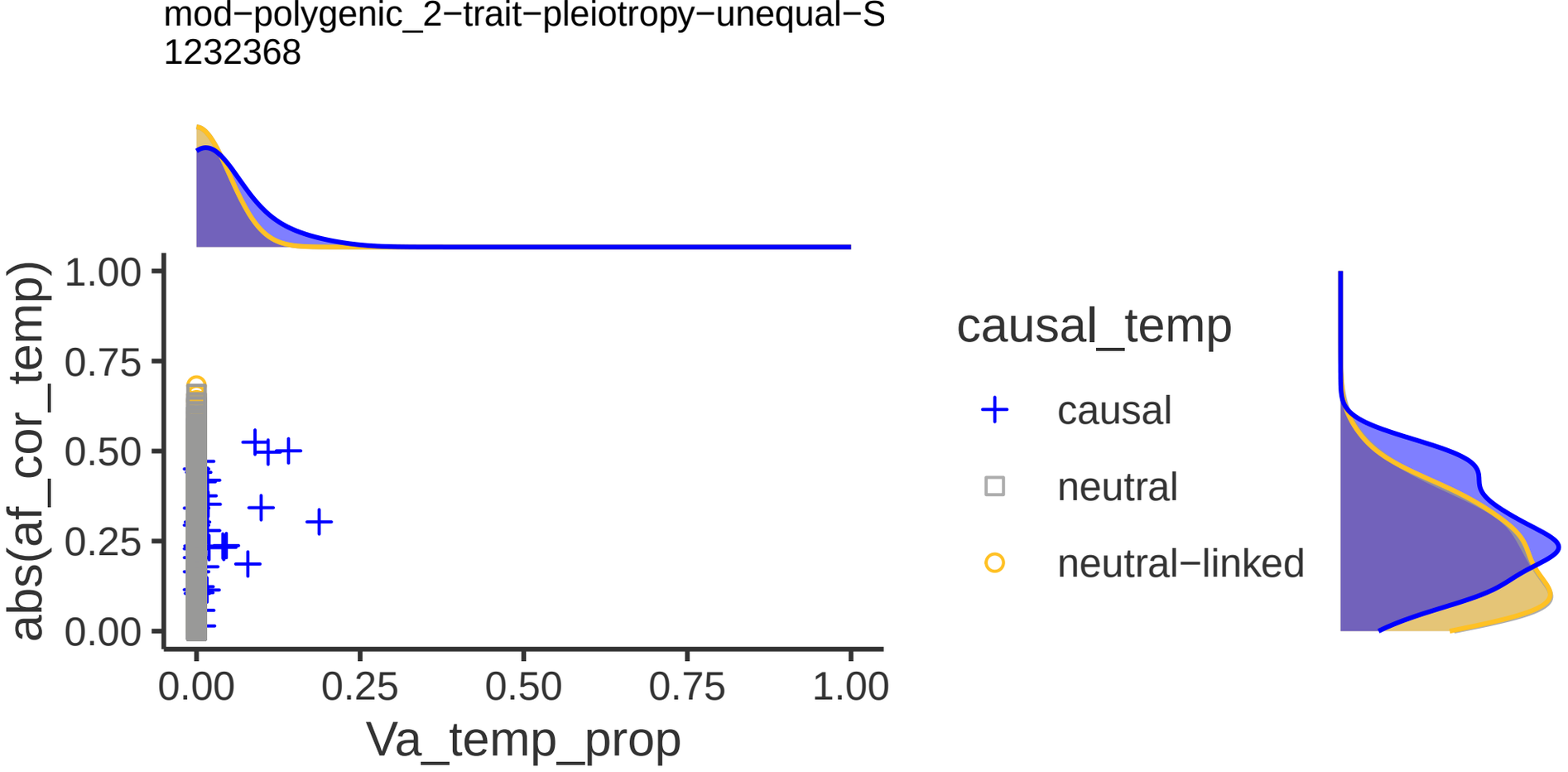

muts_full$Va_temp_prop
0.00
0.05
0.10
0.15
0.00
0.05
0.10
0.15
0.20
muts_full$va_temp_full_prop

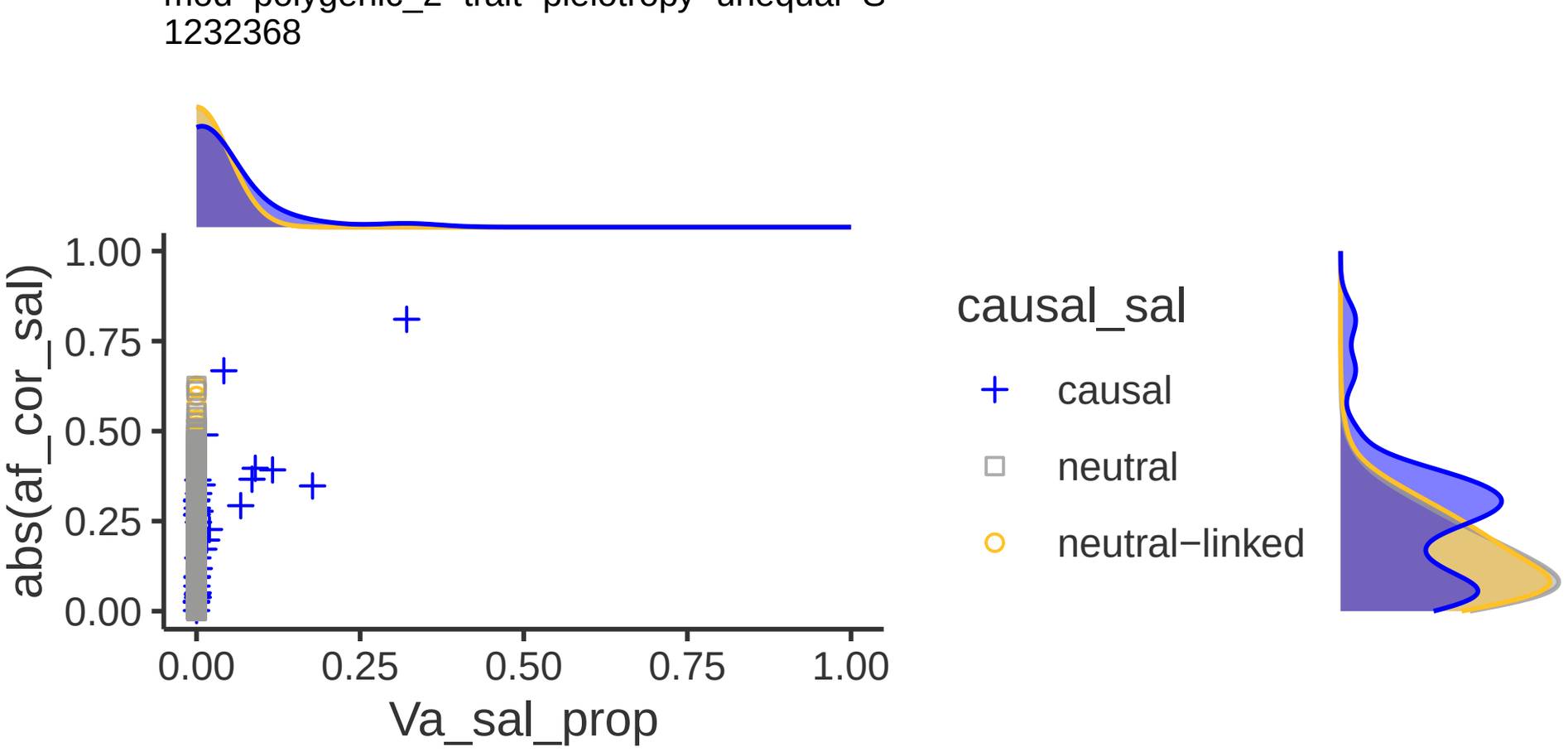

muts_full$Va_sal_prop
0.00
0.10
0.20
0.30
0.00
0.05
0.10
0.15
0.20
0.25
0.30
muts_full$va_sal_full_prop


genic_2−trait−pleiotropy−unequal−S__SS−Mtn_N−varia
1232368
Subset VA Env2 prop.
0.0
0.2
0.4
0.6
0.8
1.0
Subset VA temp prop.
0.0
0.2
0.4
0.6
0.8
1.0


mod−polygenic_2−trait−pleiotropy−unequal−S__SS−Mtn_N−variable_m−variable
1232368
density
1.0
0.5
0.0
−1.0
−0.5
0.0
0.5
1.0
Cor(p, temp)
causal_temp
causal
neutral
neutral−linked


mod−polygenic_2−trait−pleiotropy−unequal−S__SS−Mtn_N−variable_m−variable
1232368
density
2.0
1.5
1.0
0.5
0.0
−1.0
−0.5
0.0
0.5
1.0
Cor(p, Env2)
causal_sal
causal
neutral
neutral−linked


mod−polygenic_2−trait−pleiotropy−unequal−S
1232368
abs(af_cor_temp)
1.00
0.75
0.50
0.25
0.00
0.00
0.25
0.50
0.75
1.00
Va_temp_prop
causal_temp
causal
neutral
neutral−linked


mod−polygenic_2−trait−pleiotropy−unequal−S
1232368
abs(af_cor_sal)
1.00
0.75
0.50
0.25
0.00
0.00
0.25
0.50
0.75
1.00
Va_sal_prop
causal_sal
causal
neutral
neutral−linked