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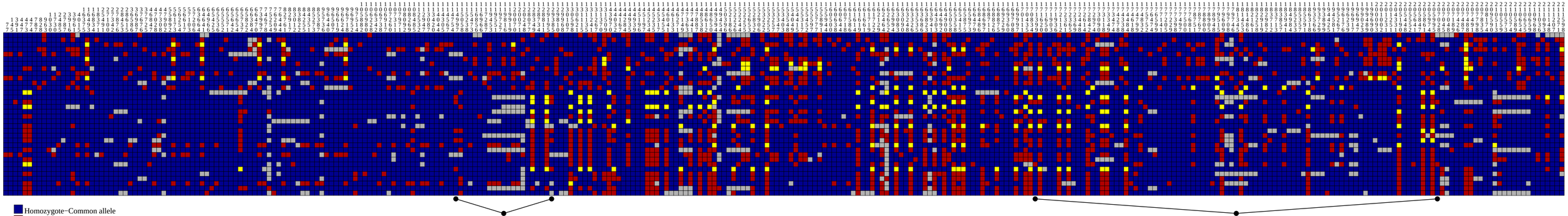
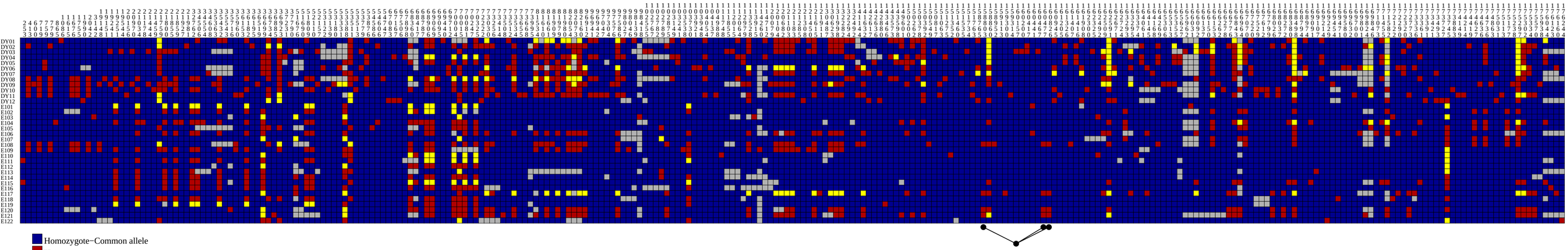
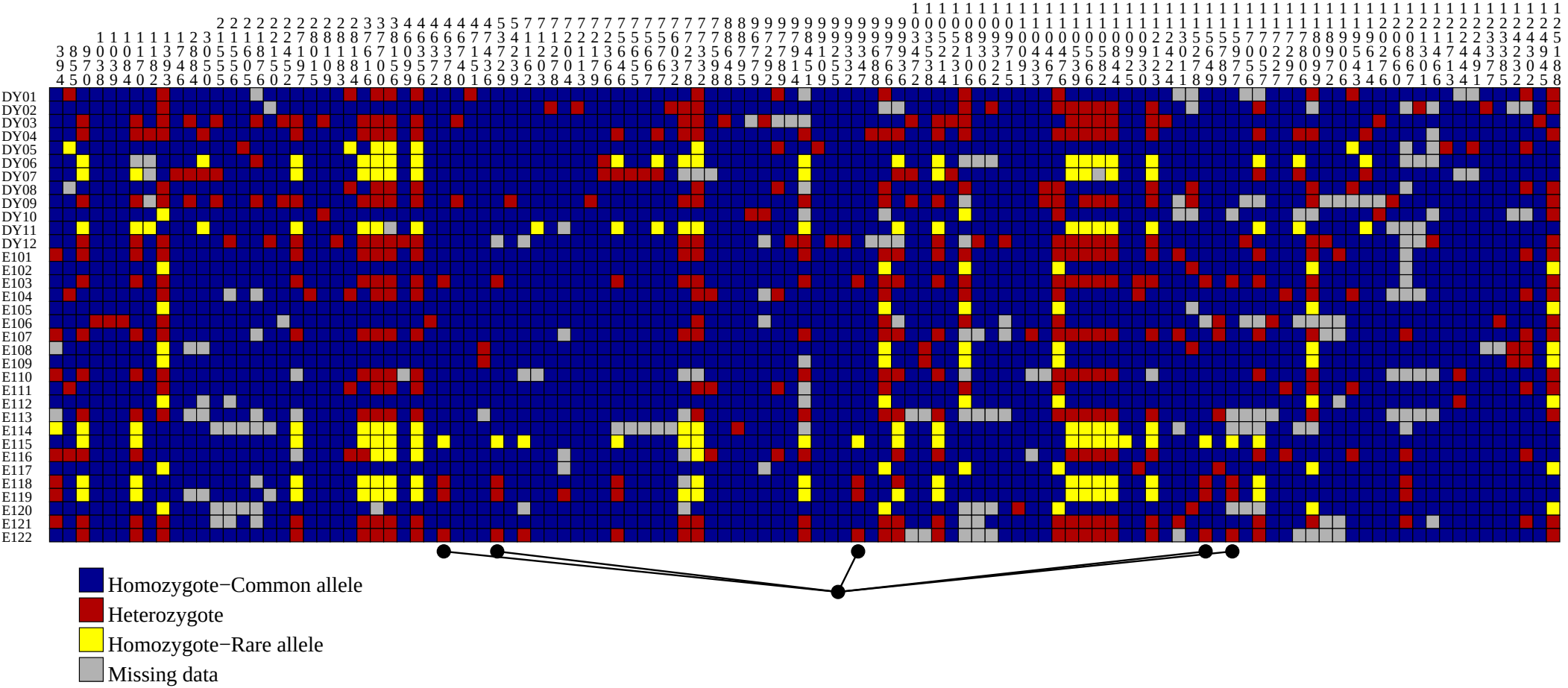


abl1, p−value: 0.9236



abl2, p−value: 0.045



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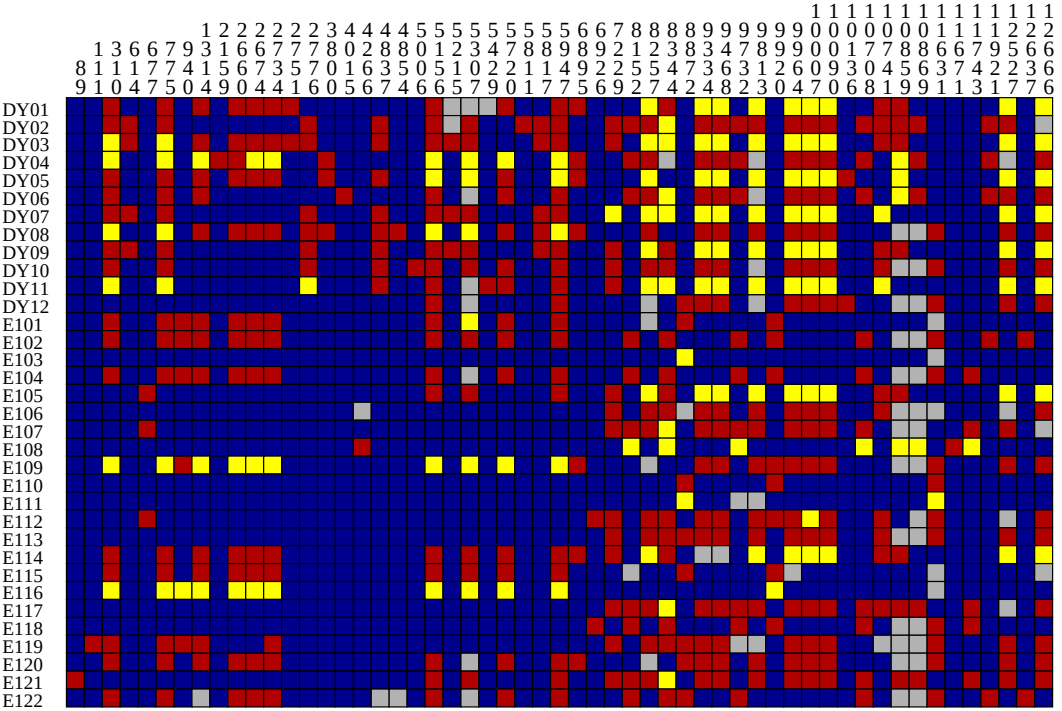


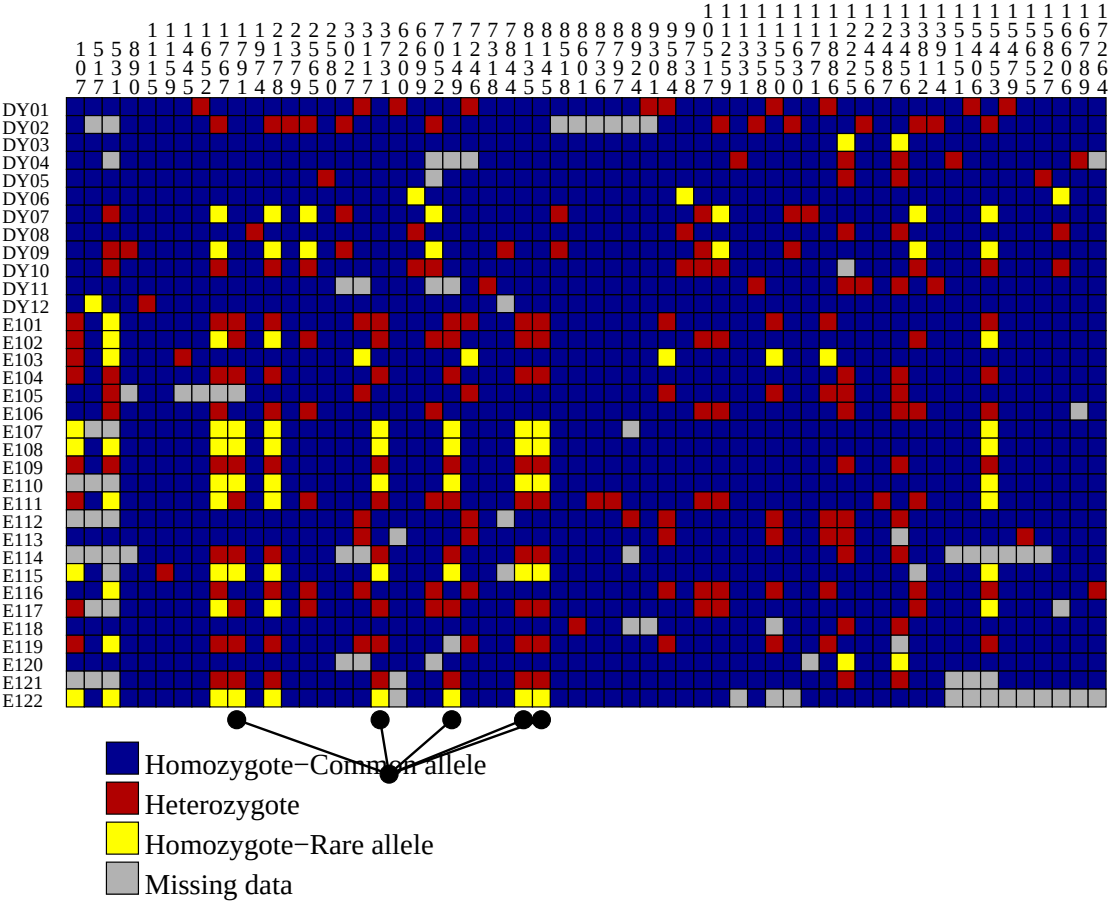
Homozygote−Common allele

Heterozygote

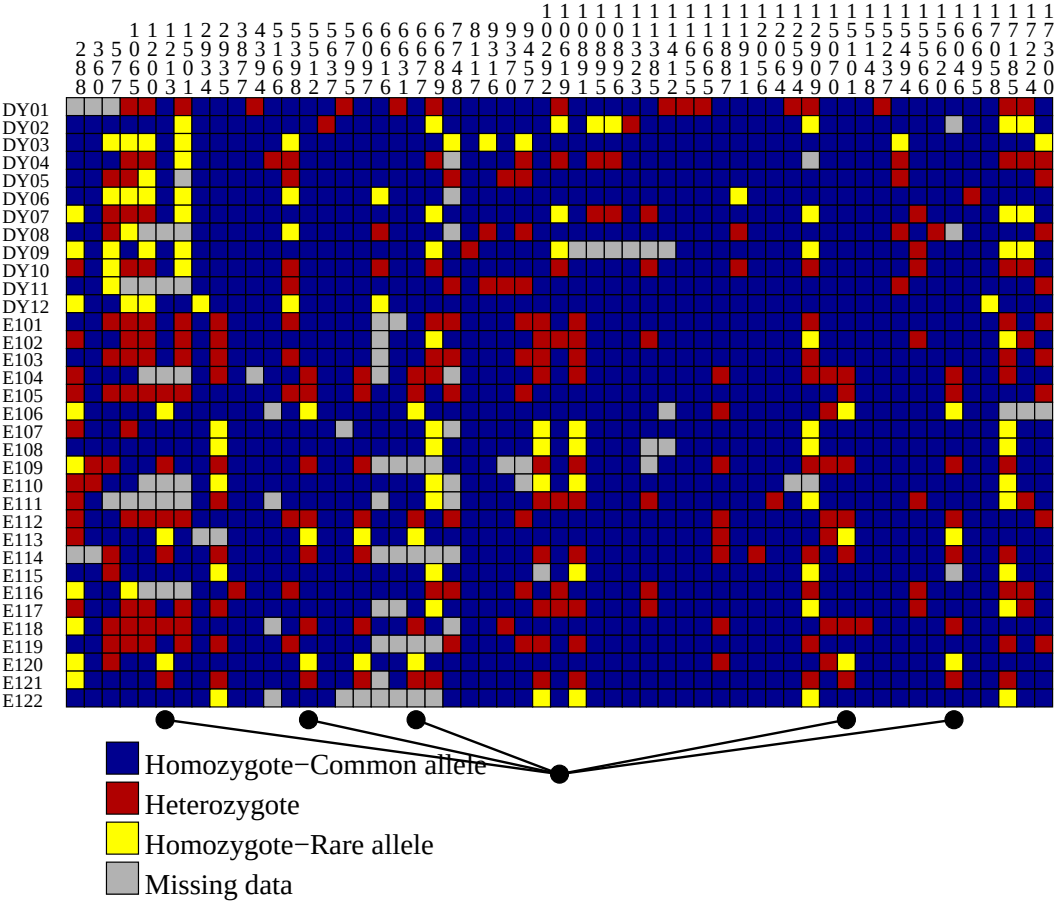
Homozygote−Rare allele

Missing data

adh1a, p−value: 0.0646



adh1b, p−value: 0.04



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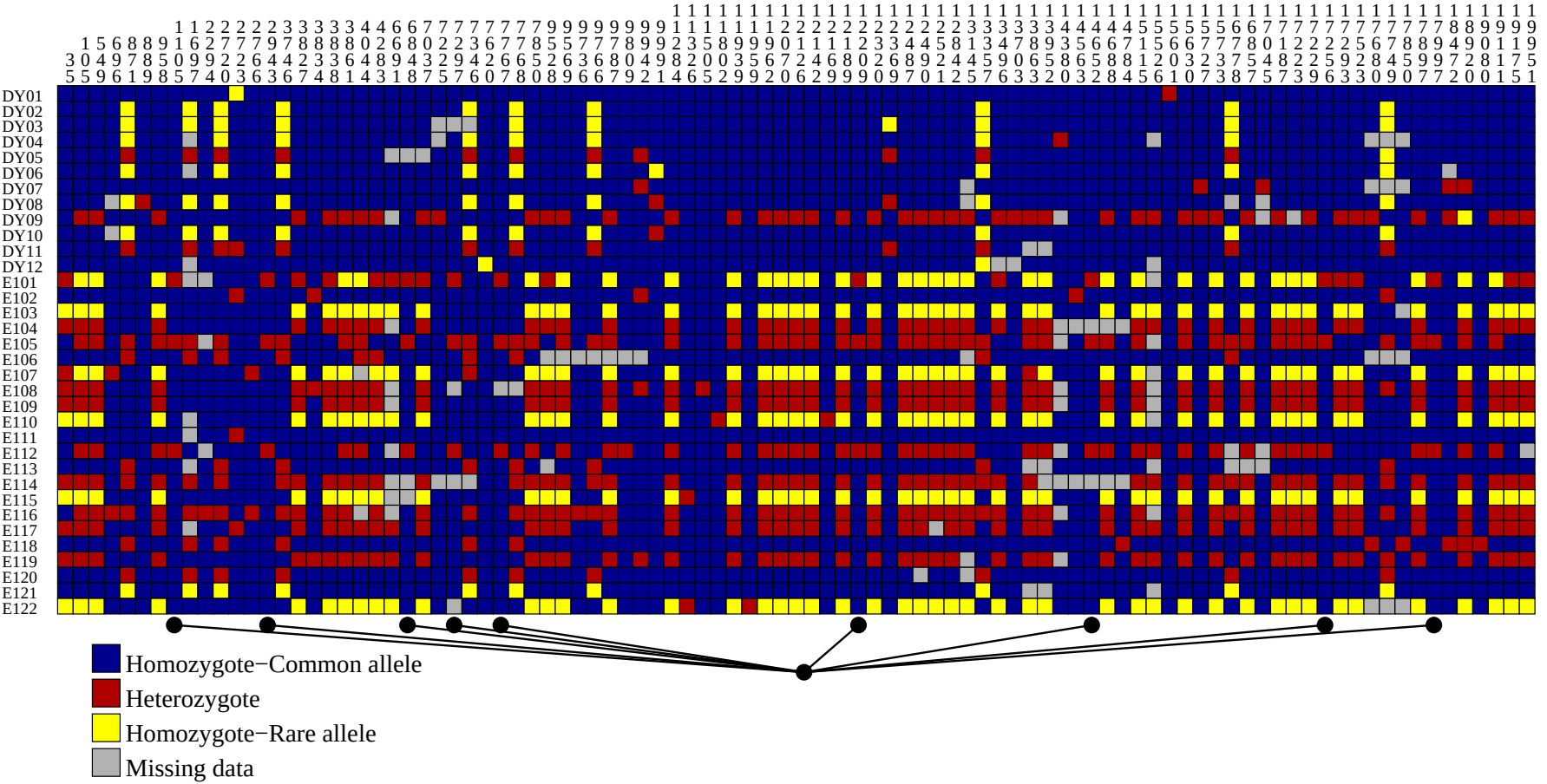
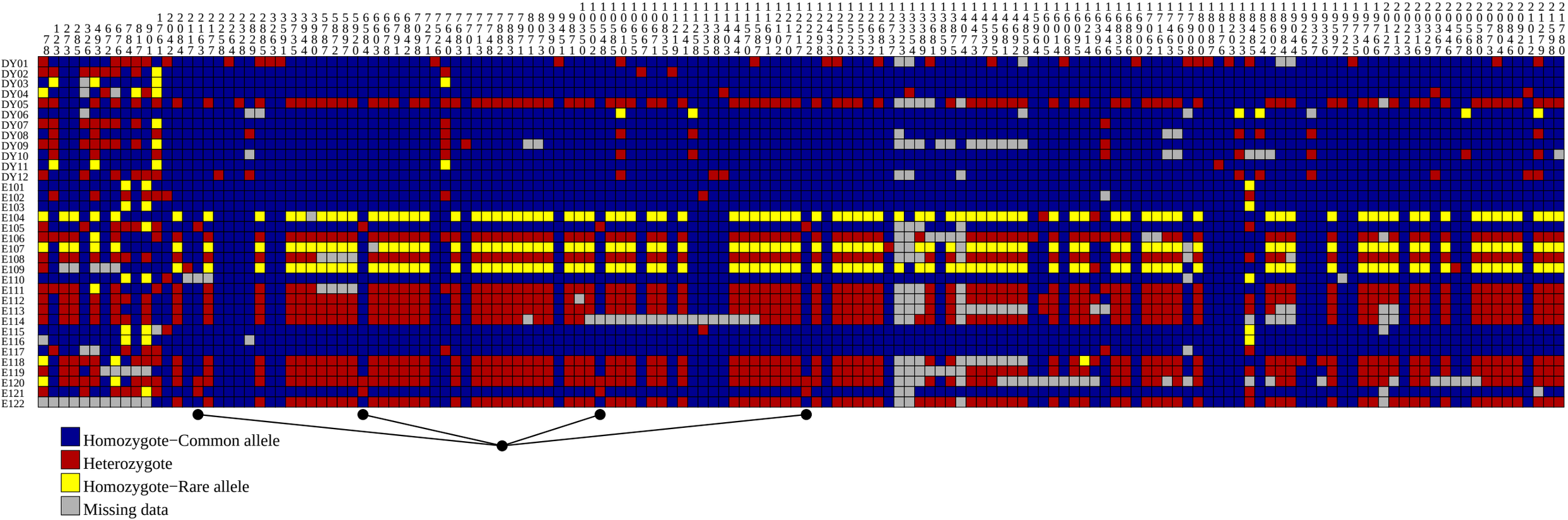
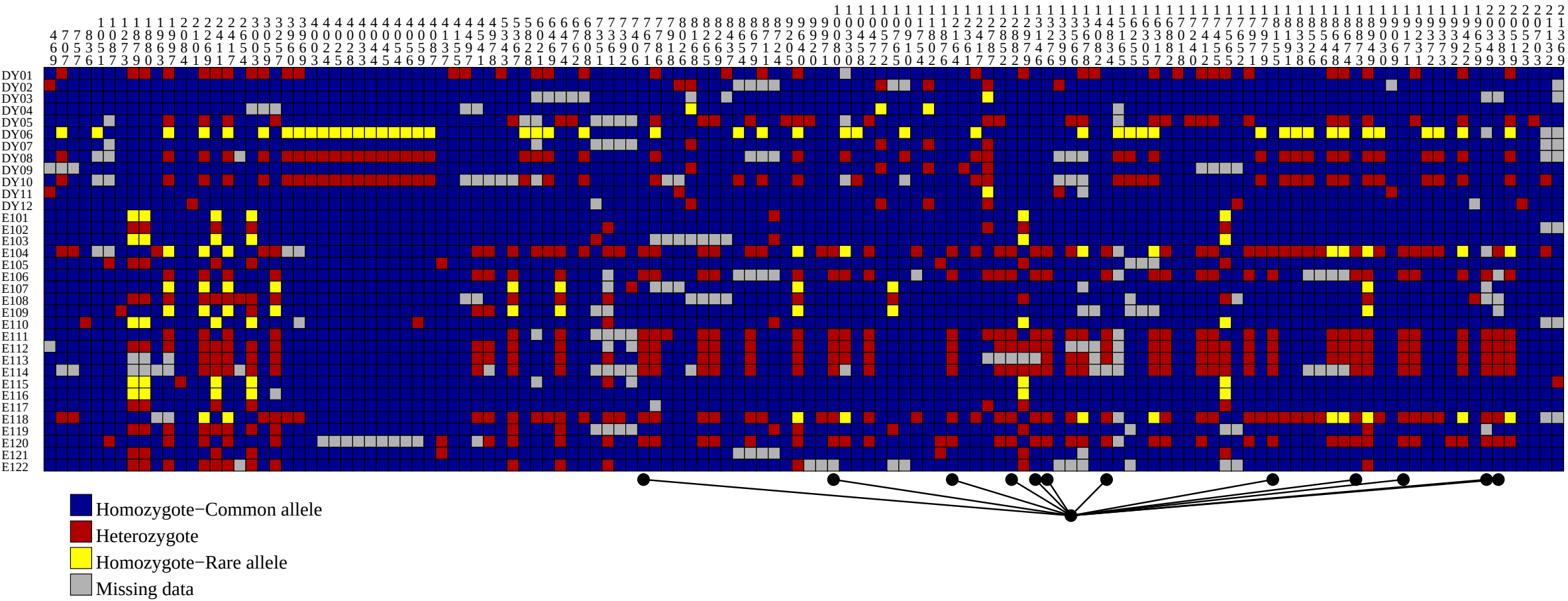


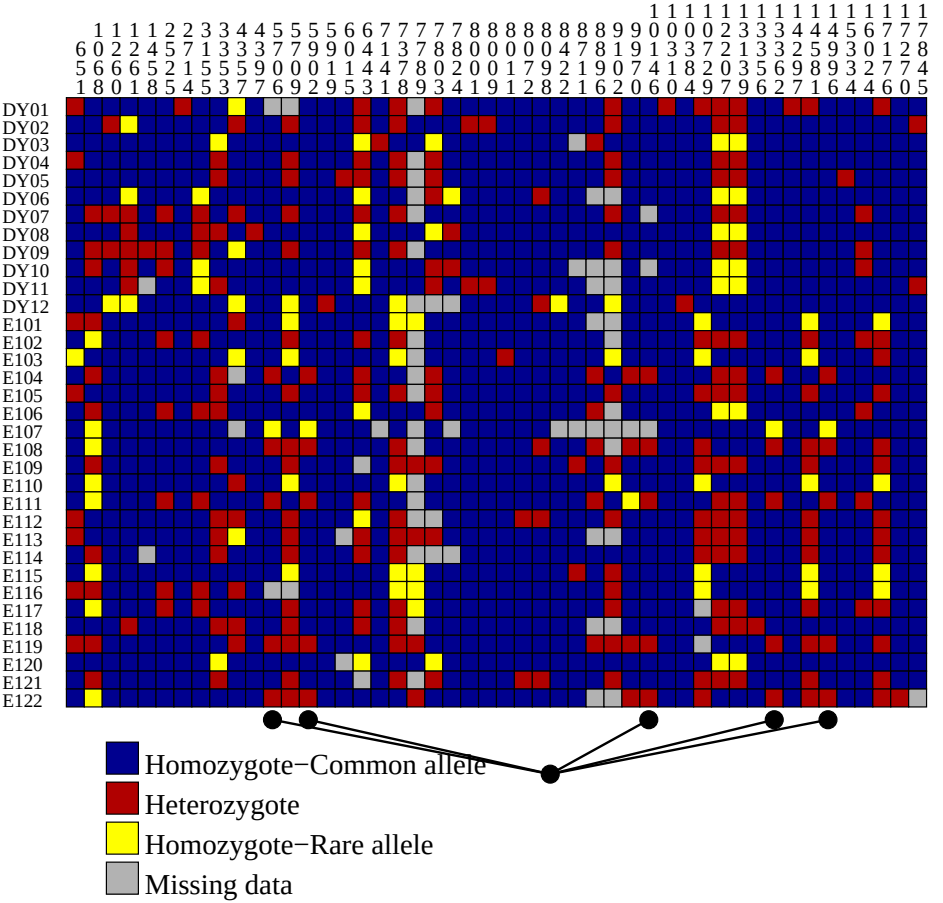
adh4, p−value: 0.3554



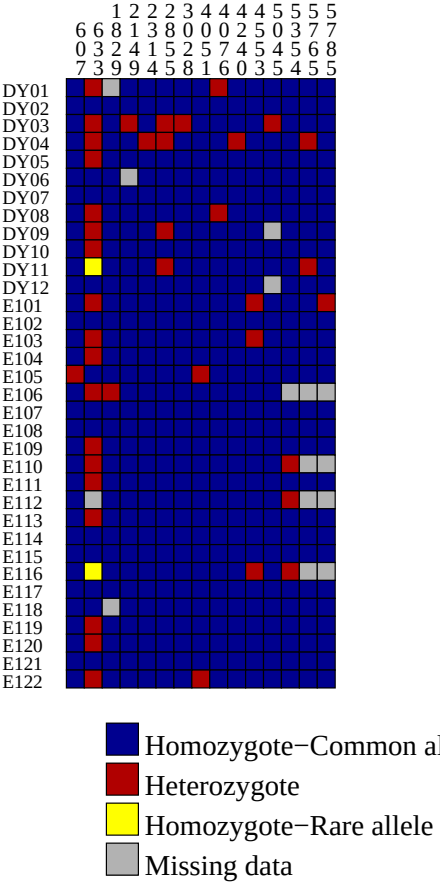
adh5, p−value: 0.0404



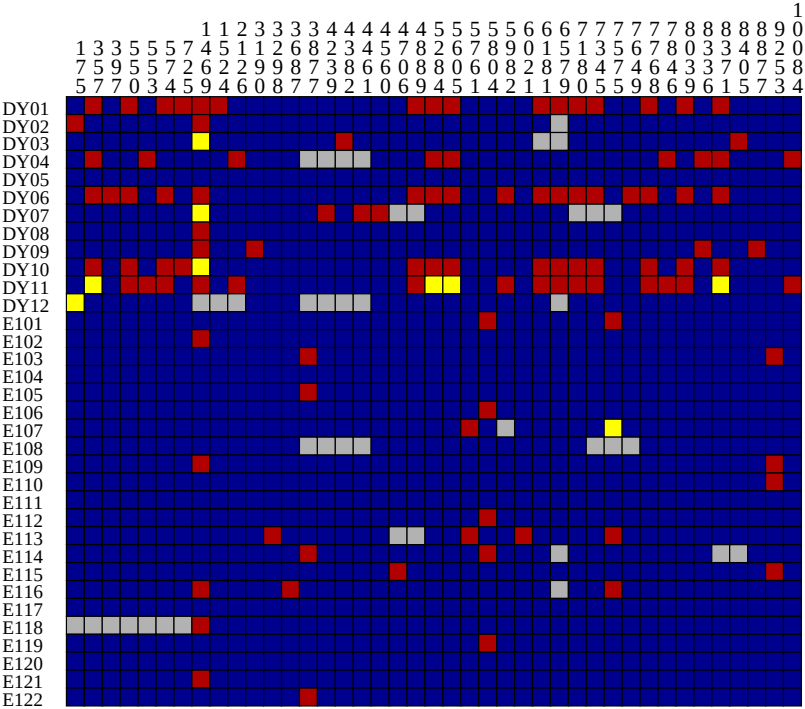
adh6, p−value: 0.042



adm, p−value: 0.4336



angptl7, p−value: 0.5992



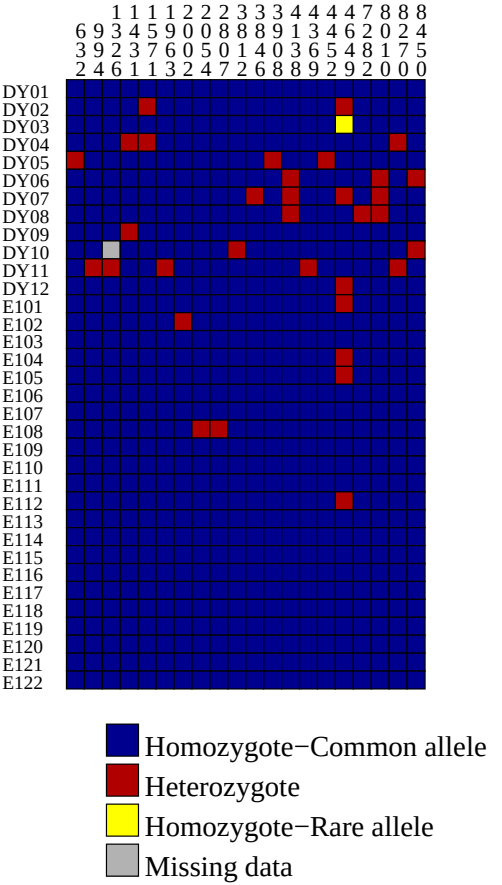
Homozygote−Common allele

Heterozygote

Homozygote−Rare allele

Missing data

aoc2, p−value: 0.4684



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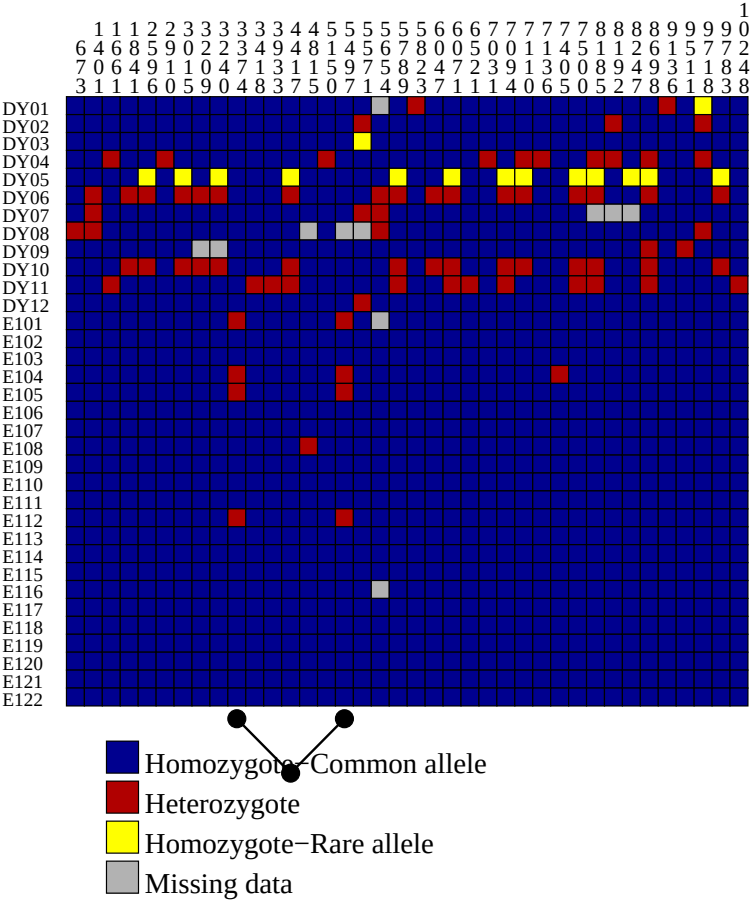
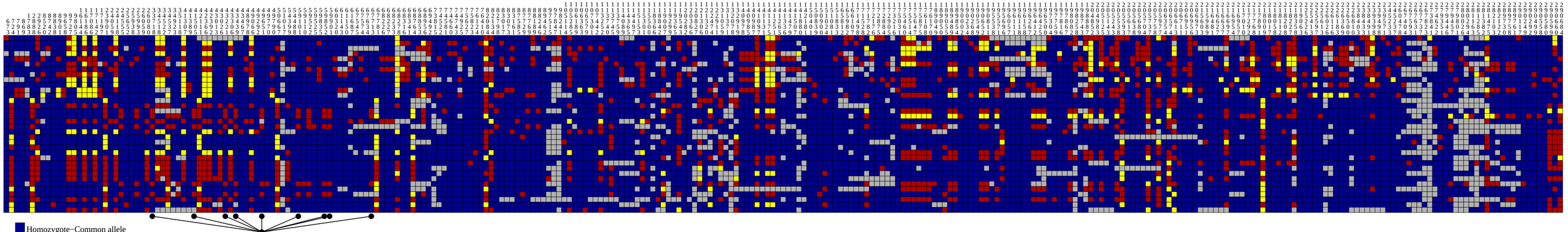
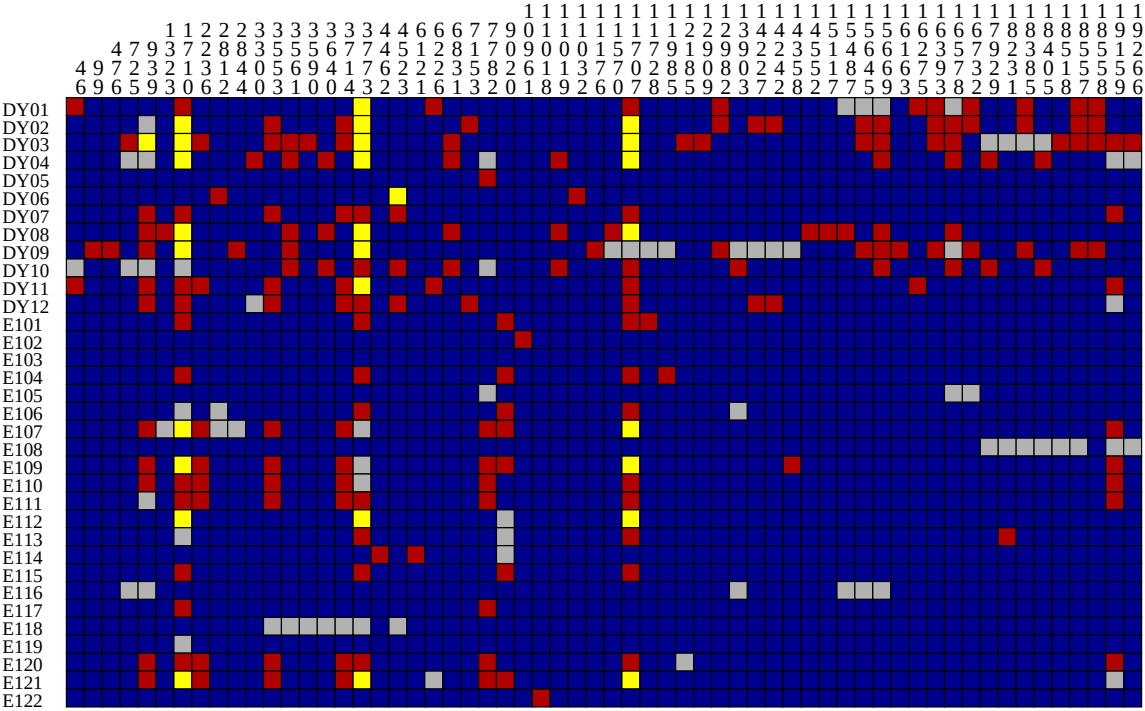


app, p−value: 0.1276



atox1, p−value: 0.7112



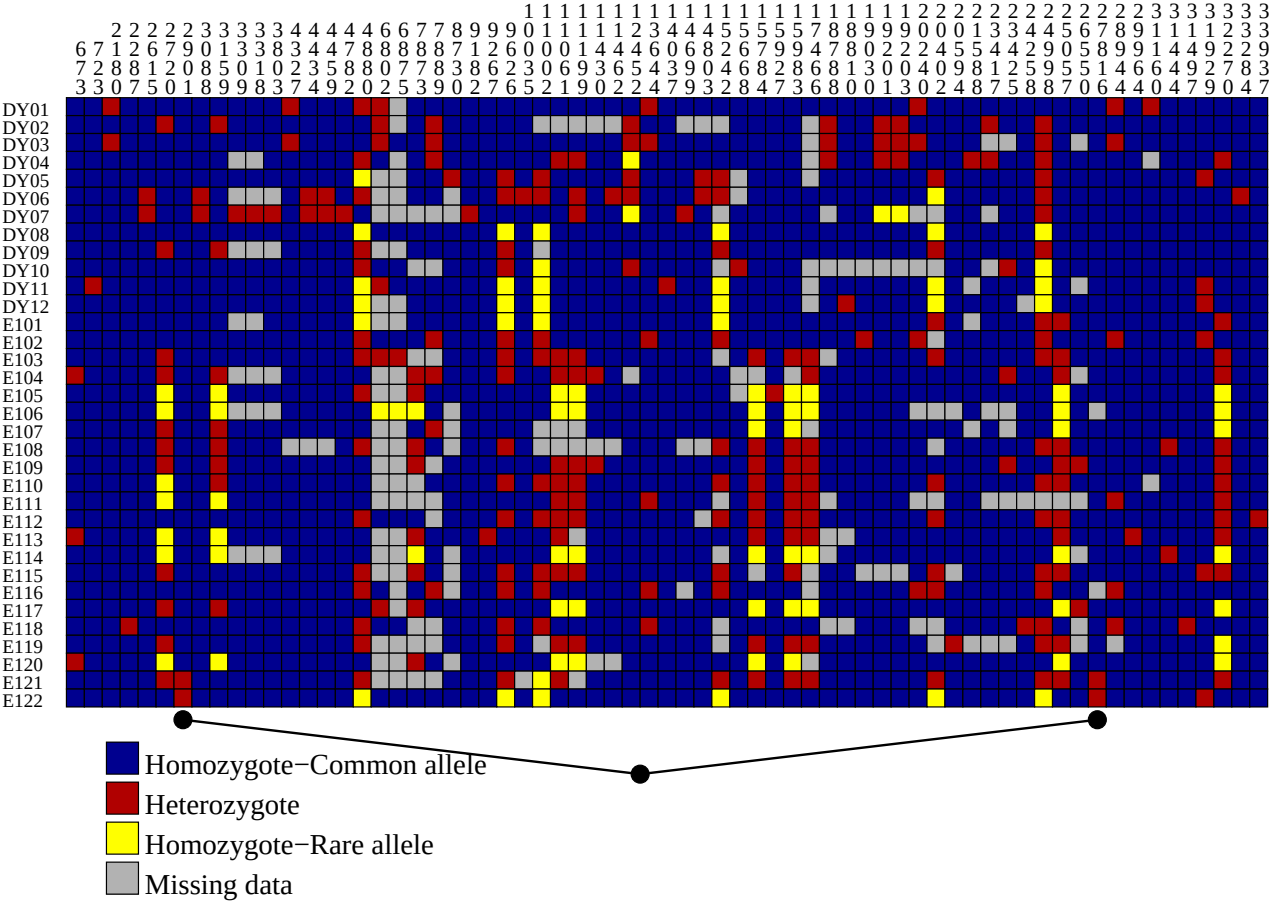
Homozygote−Common allele

Heterozygote

Homozygote−Rare allele

Missing data

bace1, p−value: 0.0914



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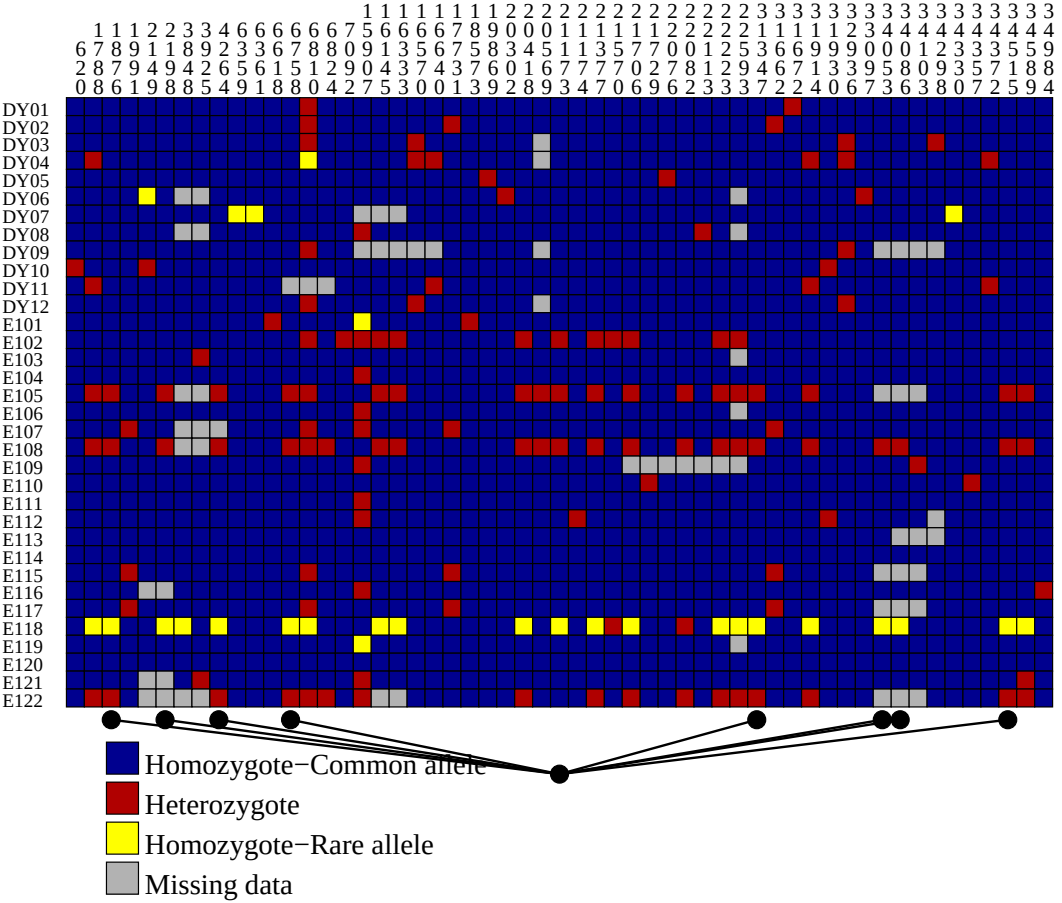
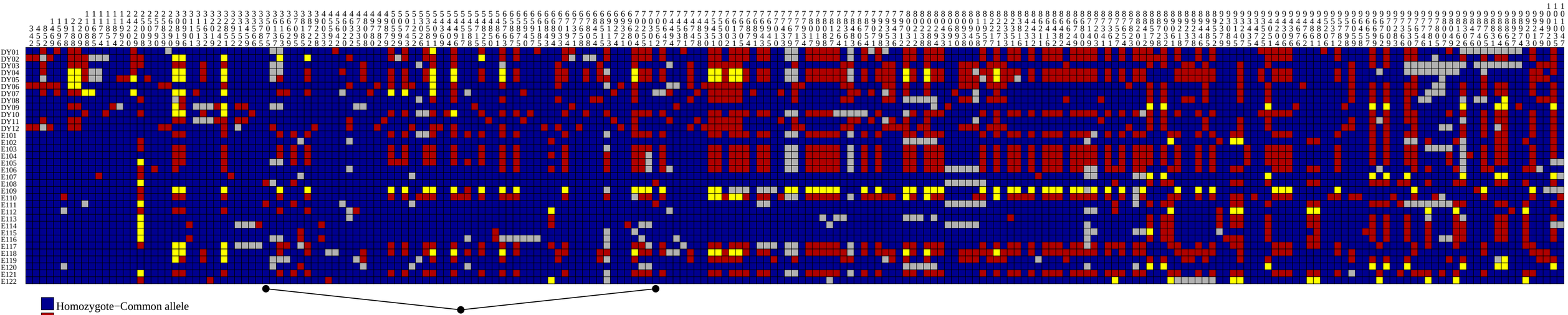
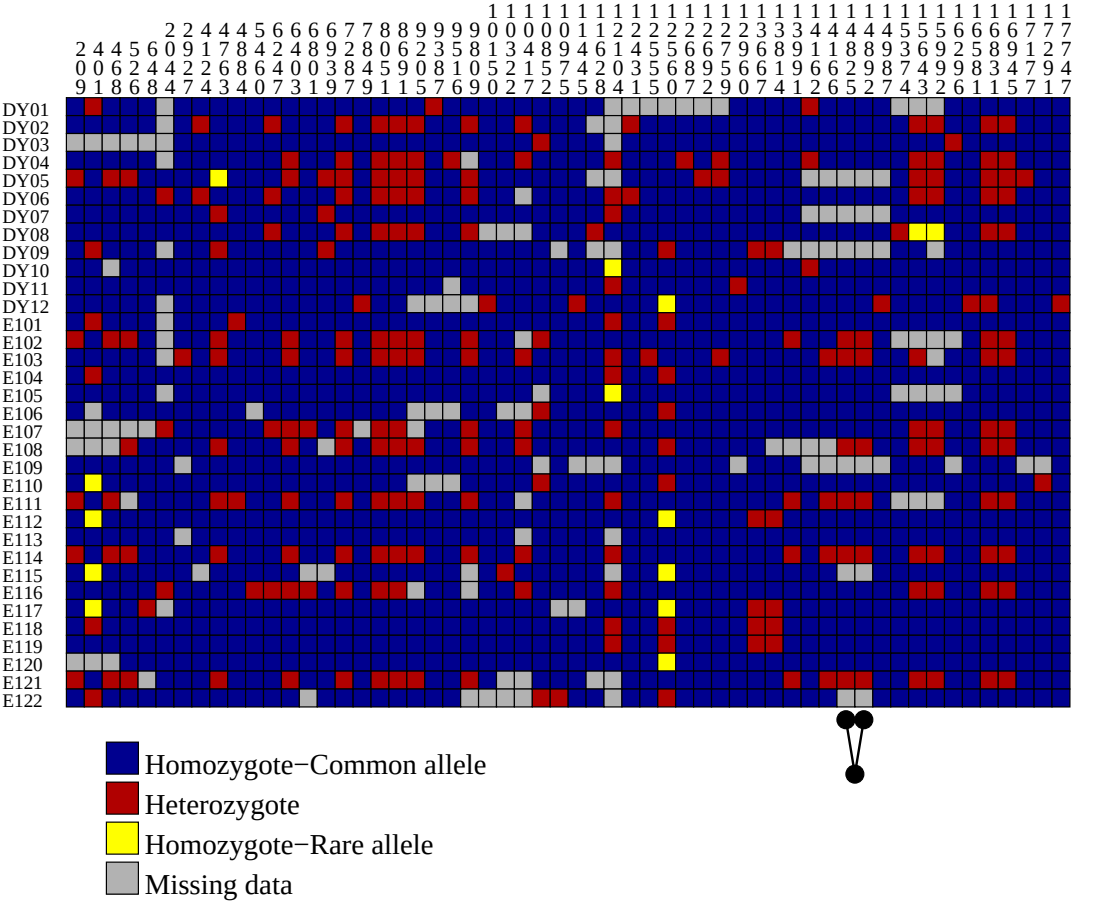


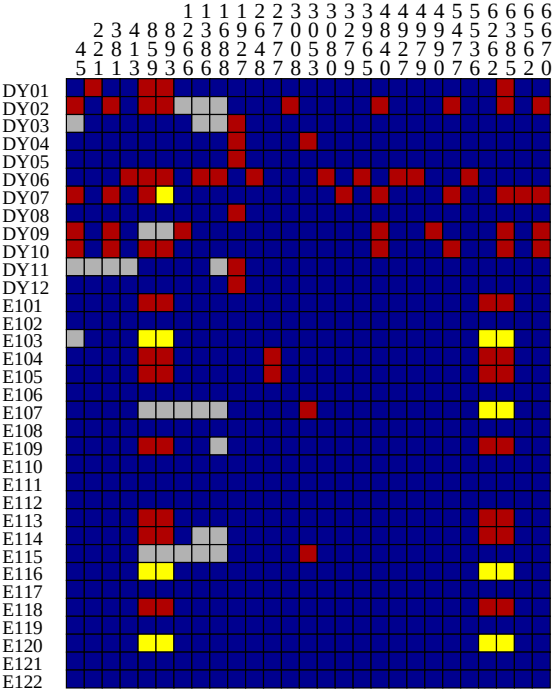
blm, p−value: 0.4446



bnip3, p−value: 0.4528



calca, p−value: 0.514



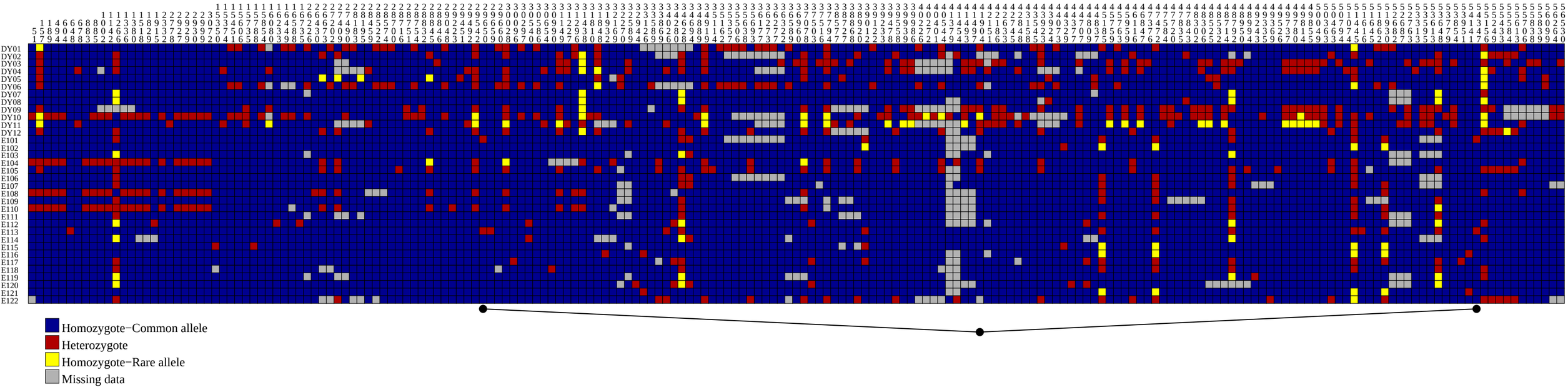
Homozygote−Common allele

Heterozygote

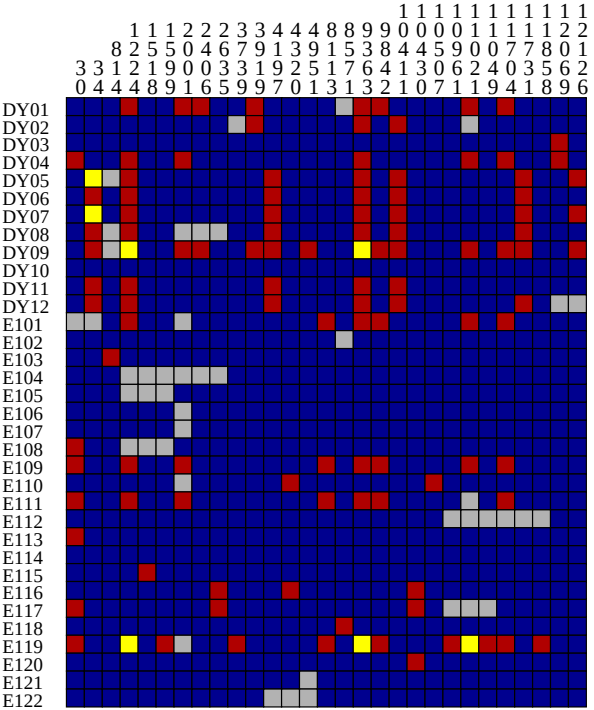
Homozygote−Rare allele

Missing data

capn3, p−value: 0.7484



ccl5, p−value: 0.5222



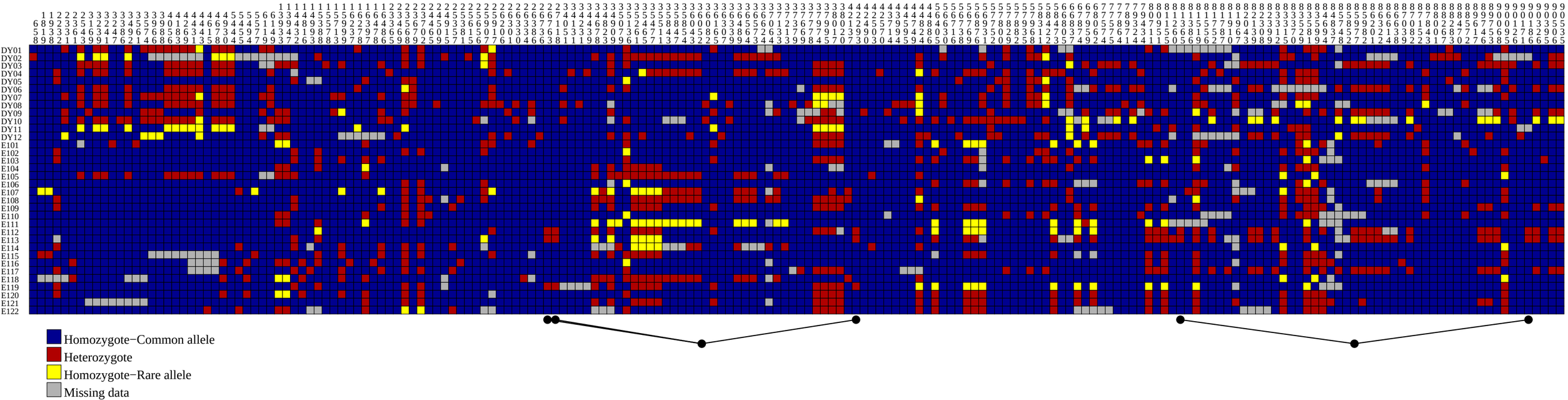
Homozygote−Common allele

Heterozygote

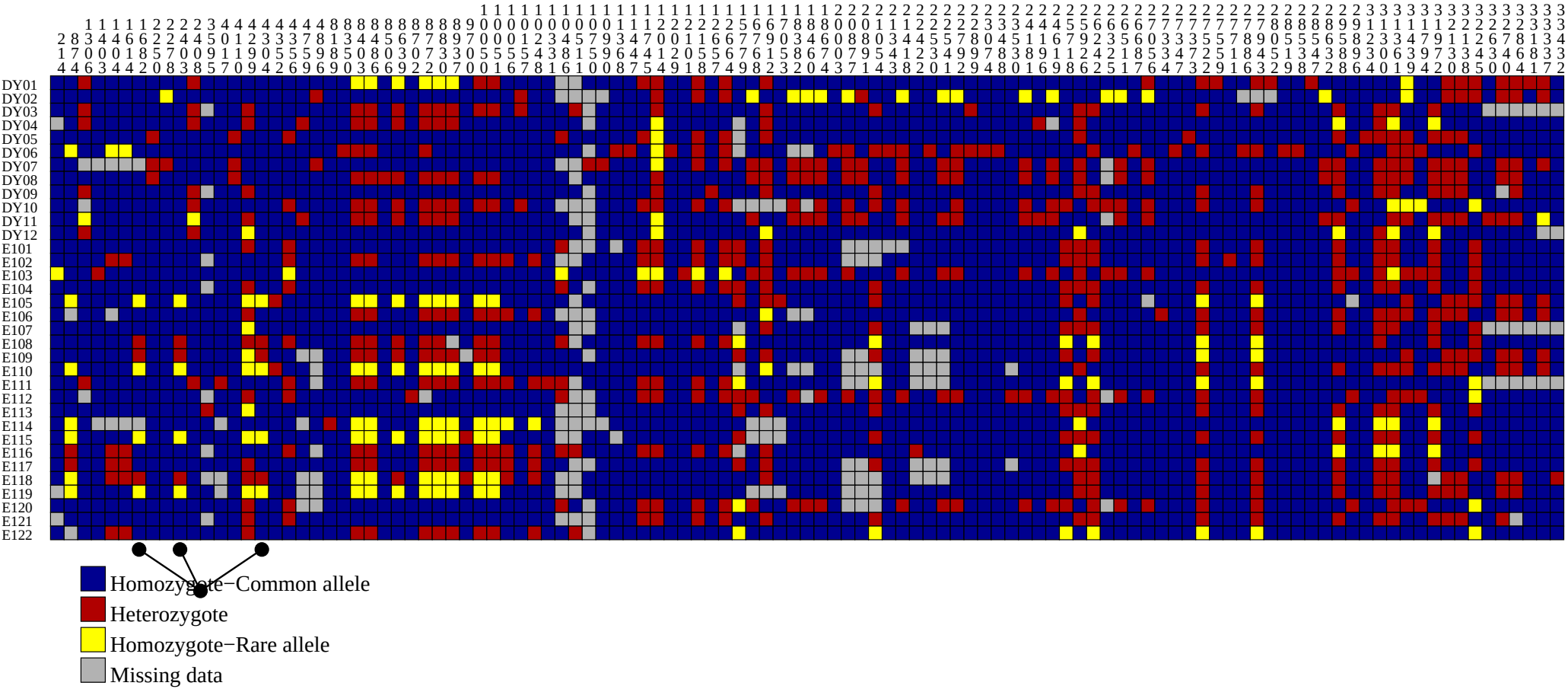
Homozygote−Rare allele

Missing data

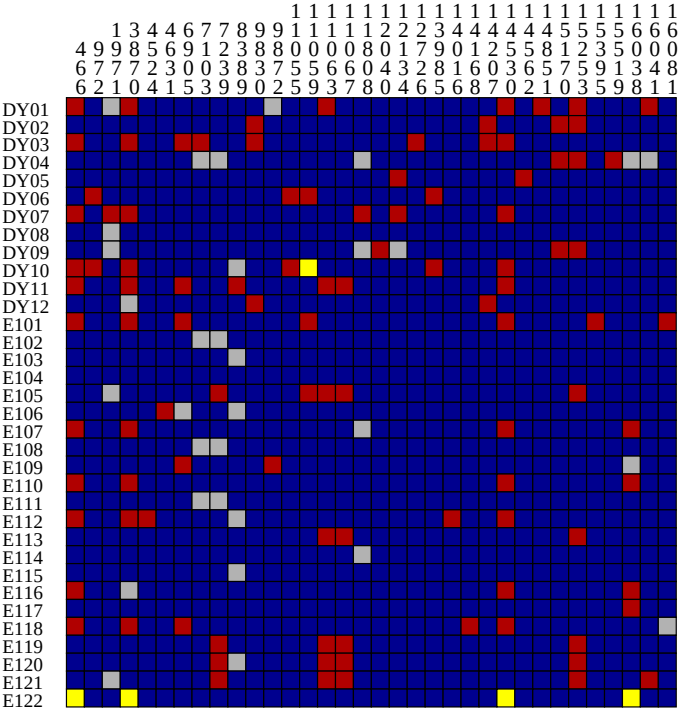
cd3z, p−value: 0.5518



cd4, p−value: 0.5454



cdc37, p−value: 0.5508



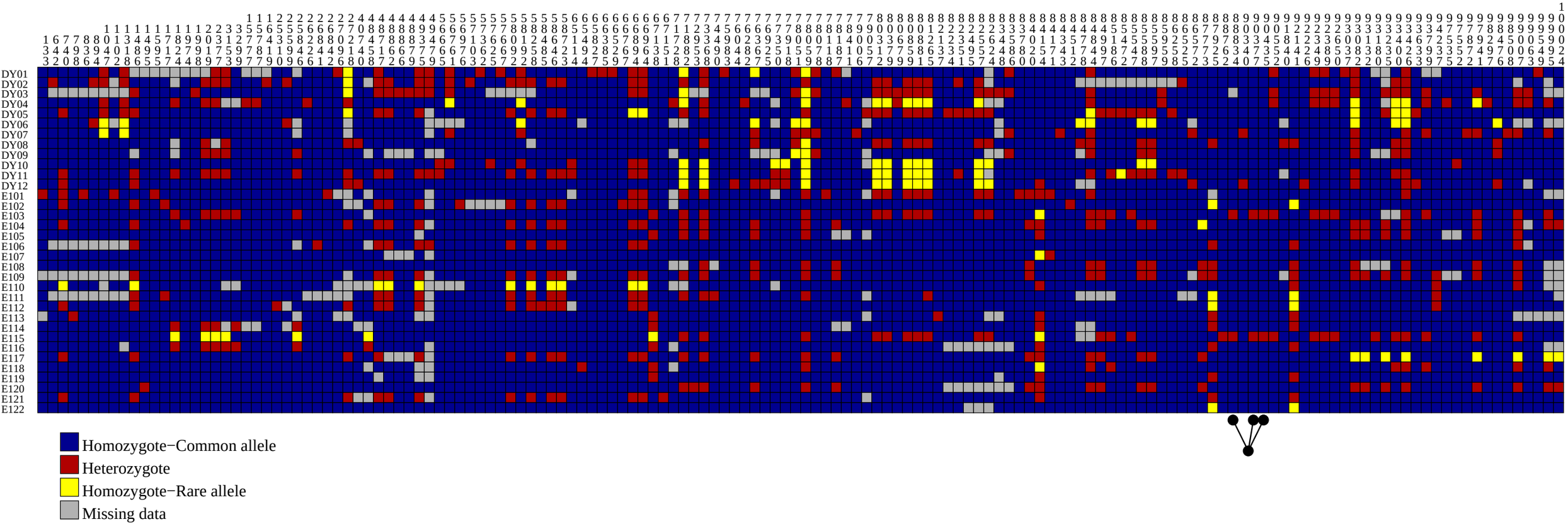
Homozygote−Common allele

Heterozygote

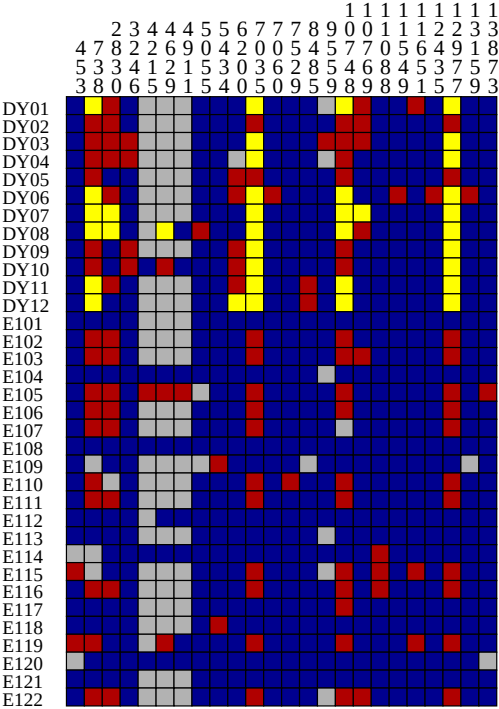
Homozygote−Rare allele

Missing data

cdh1, p−value: 0.783



ces2, p−value: 0.4752



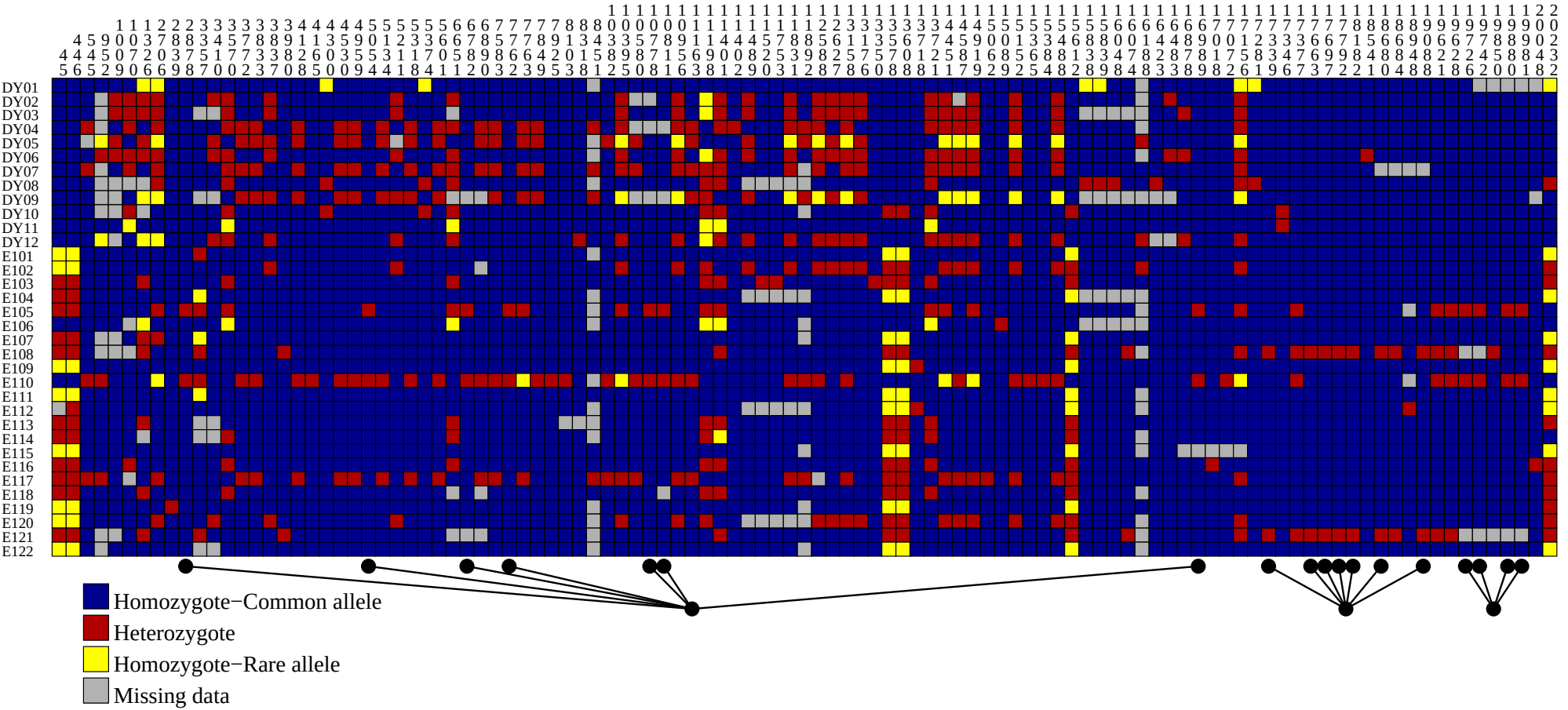
Homozygote−Common allele

Heterozygote

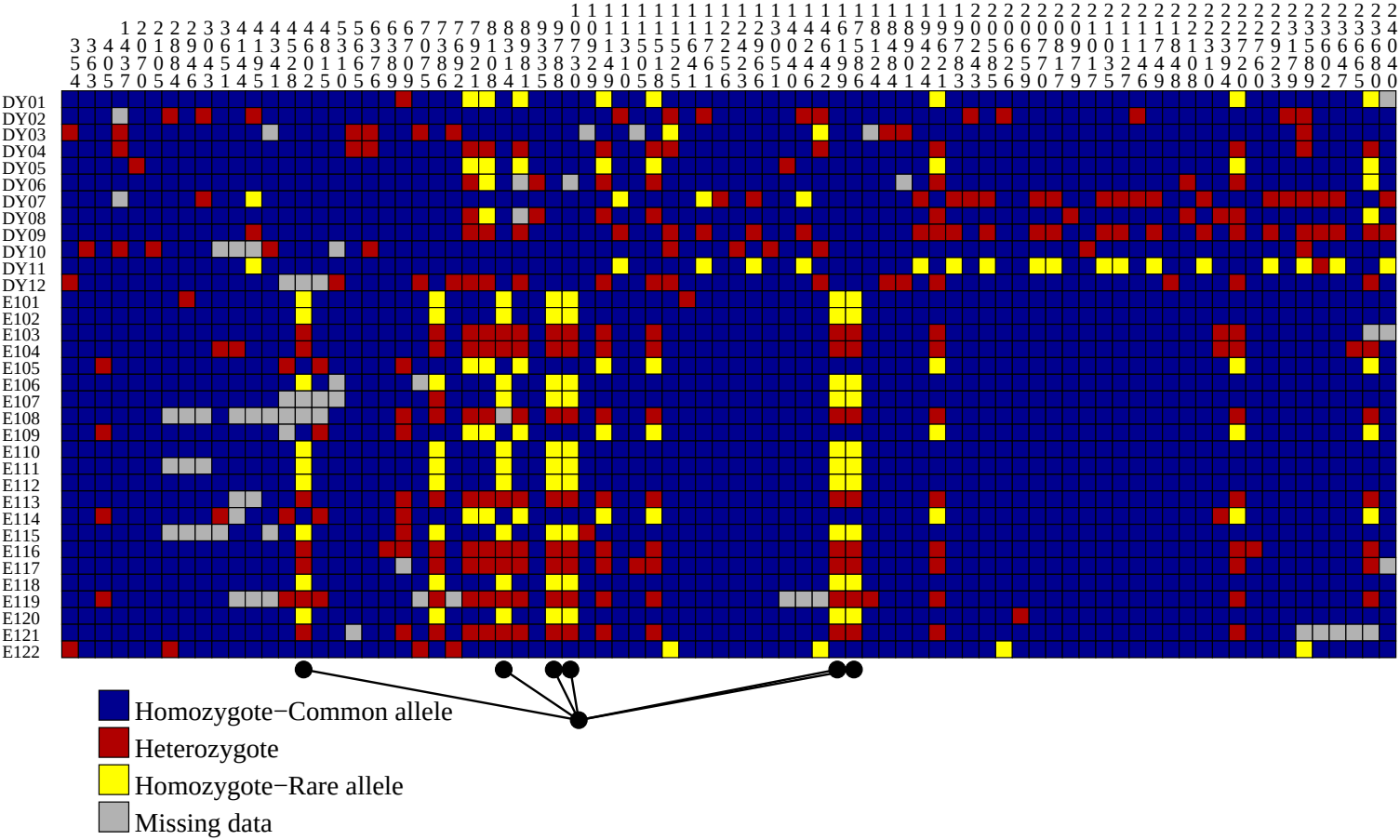
Homozygote−Rare allele

Missing data

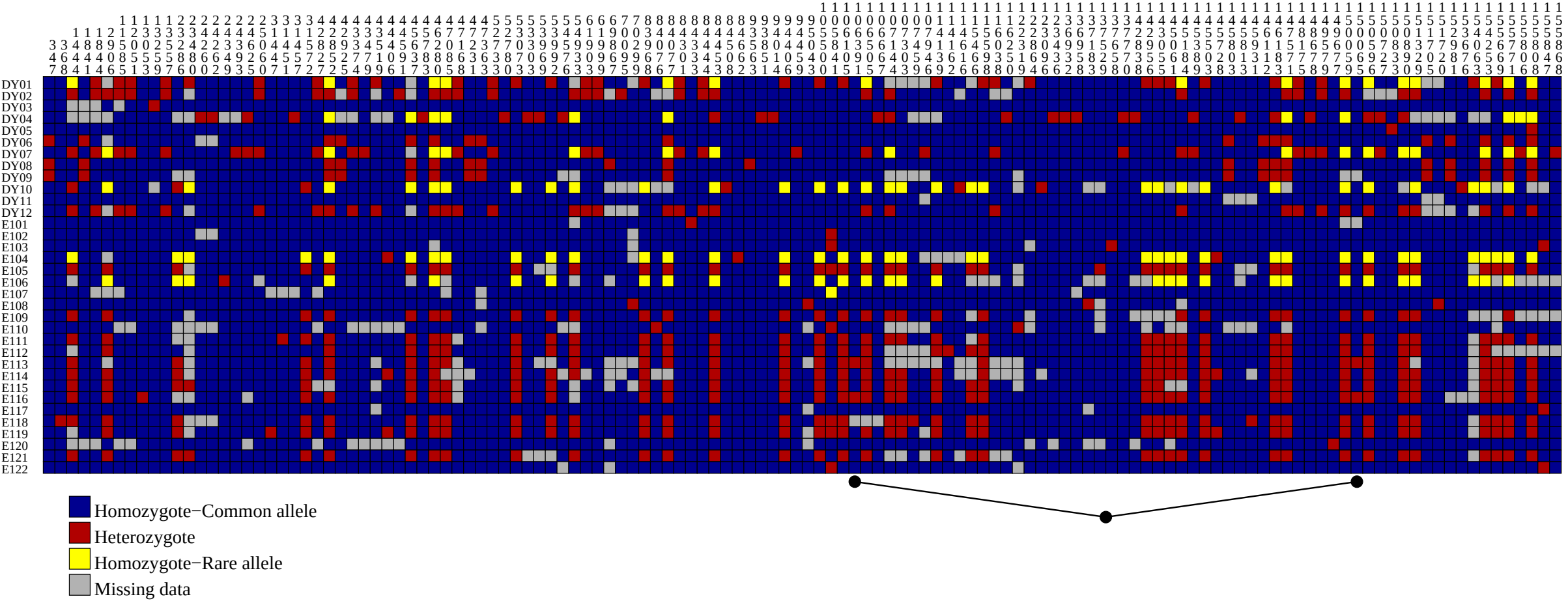
chrna4, p−value: 0.0388



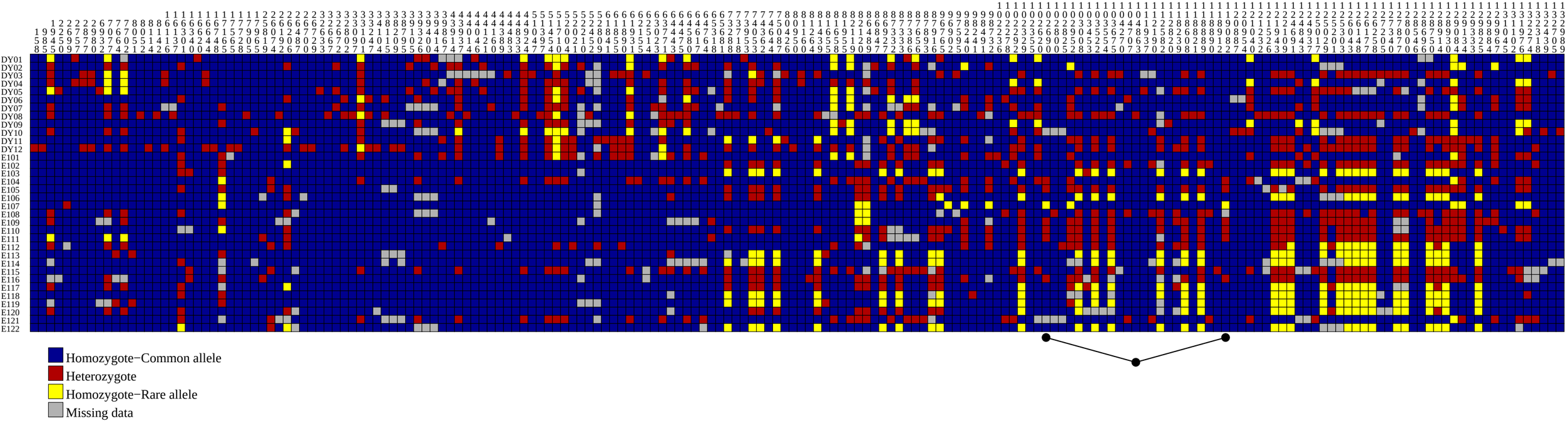
csk, p−value: 0.0644



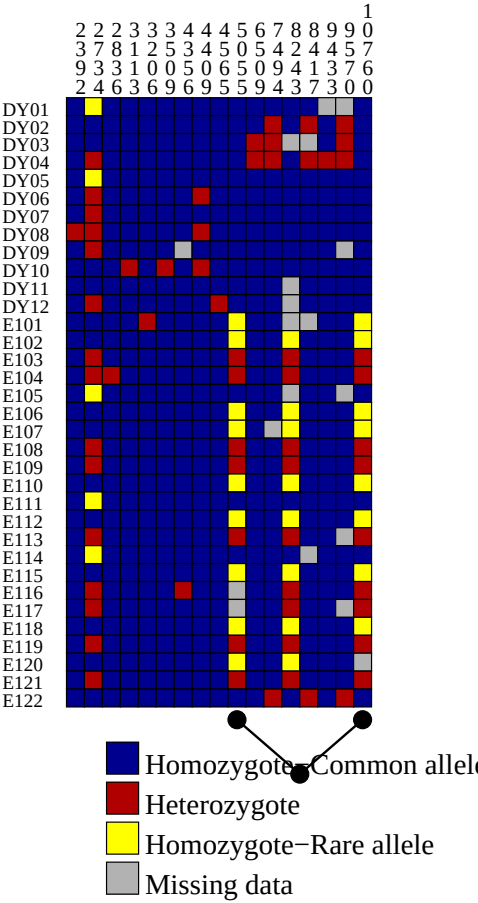
ctnna1, p−value: 0.3456



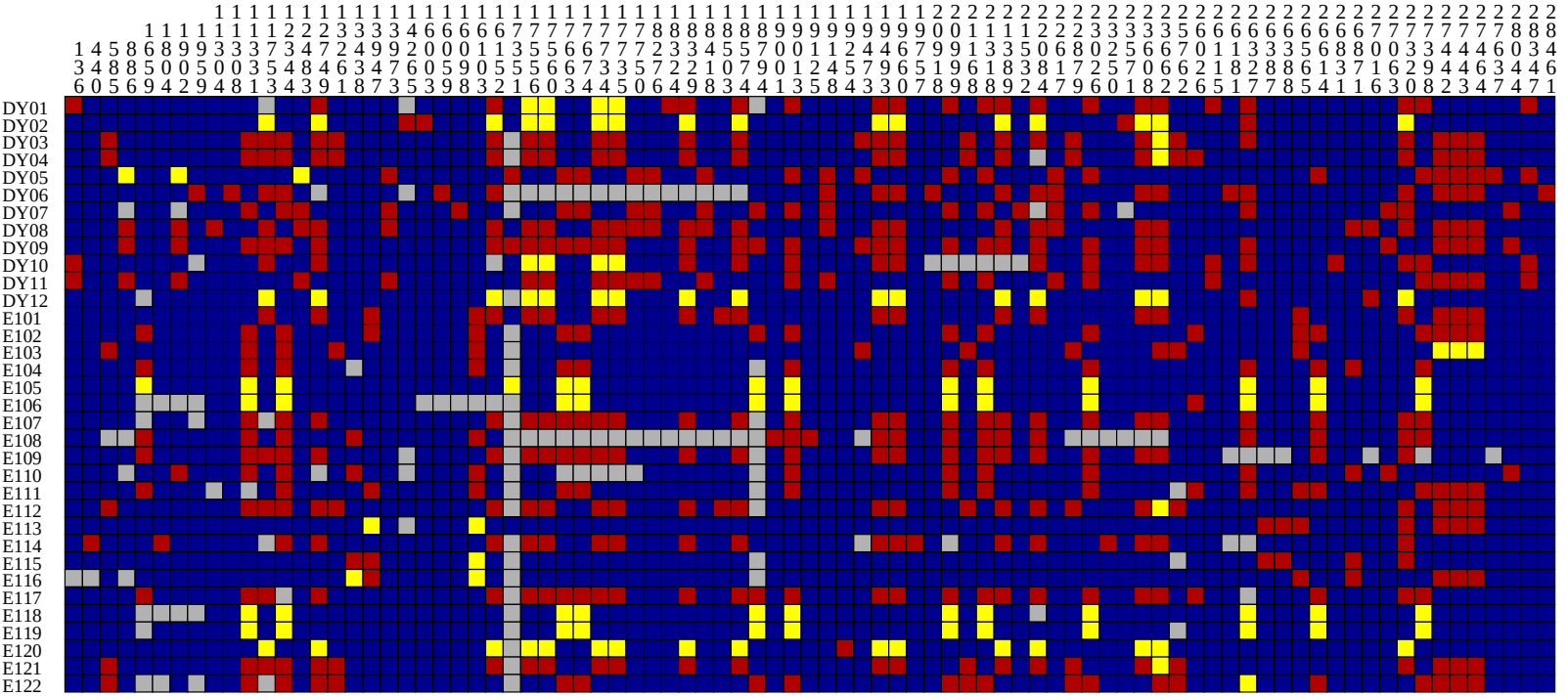
cyp19a1, p−value: 0.7878



cyp1a2, p−value: 0.0486



cyp2b6, p−value: 0.797



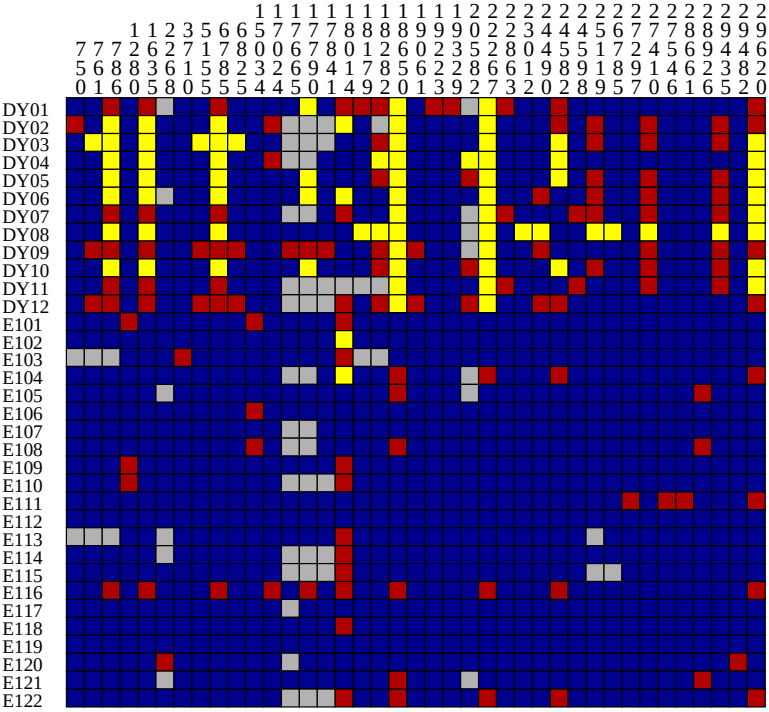
Homozygote−Common allele

Heterozygote

Homozygote−Rare allele

Missing data

cyp3a4, p−value: 0.5744



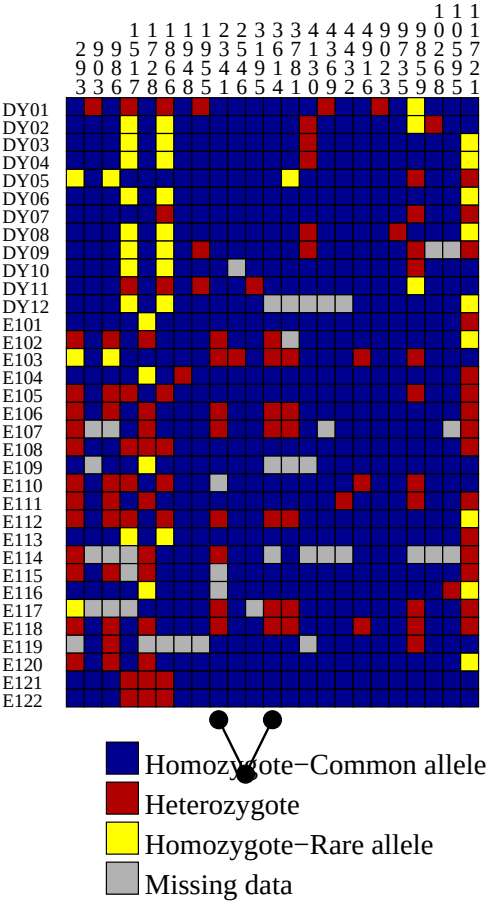
Homozygote−Common allele

Heterozygote

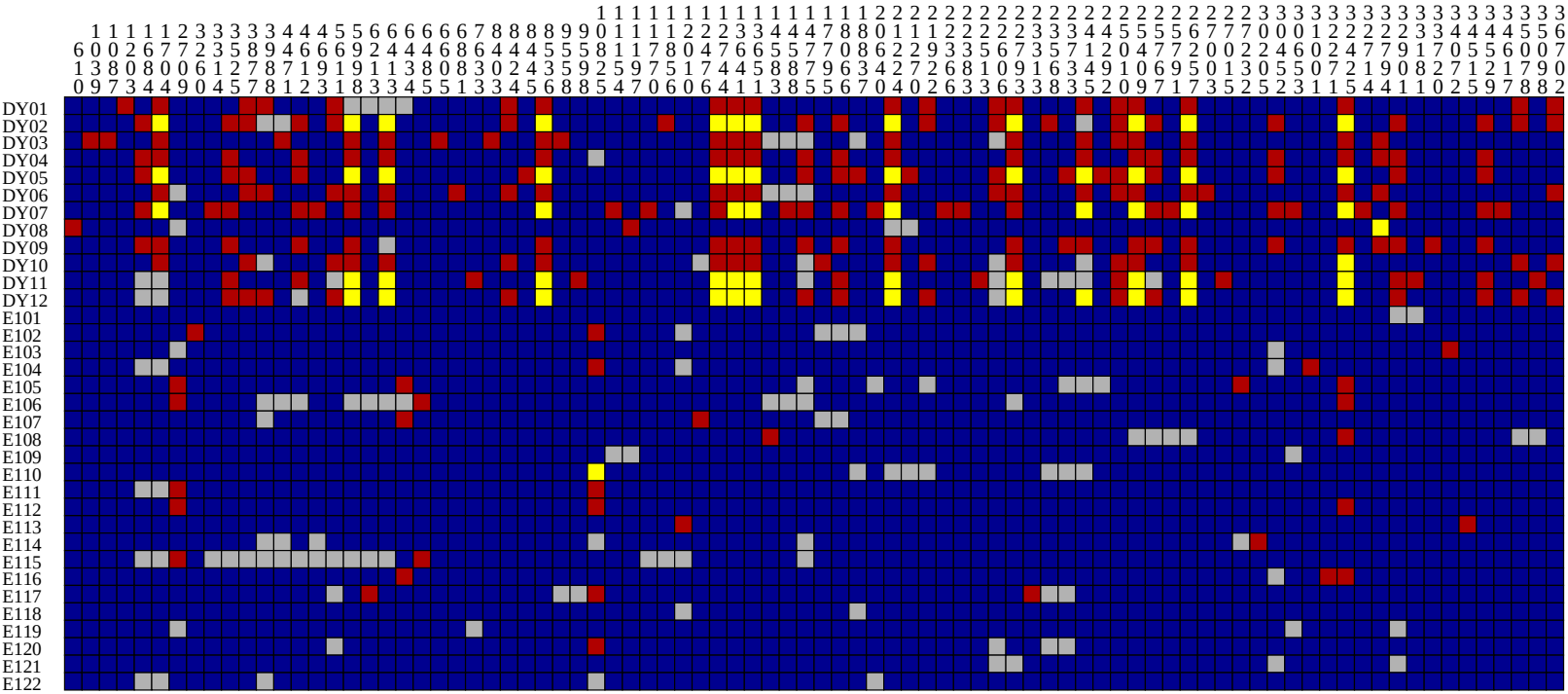
Homozygote−Rare allele

Missing data

dclre1b, p−value: 0.1512



ddb1, p−value: 0.7964



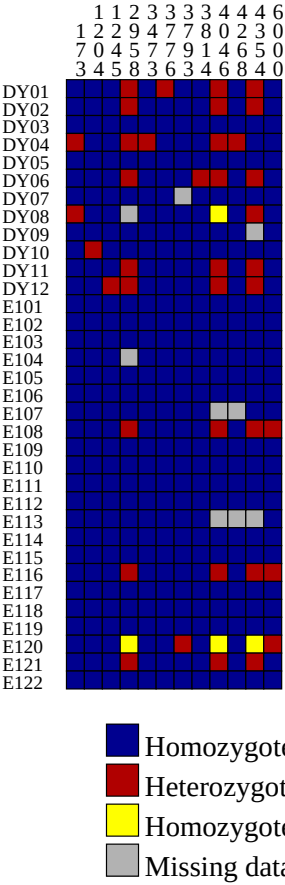
Homozygote−Common allele

Heterozygote

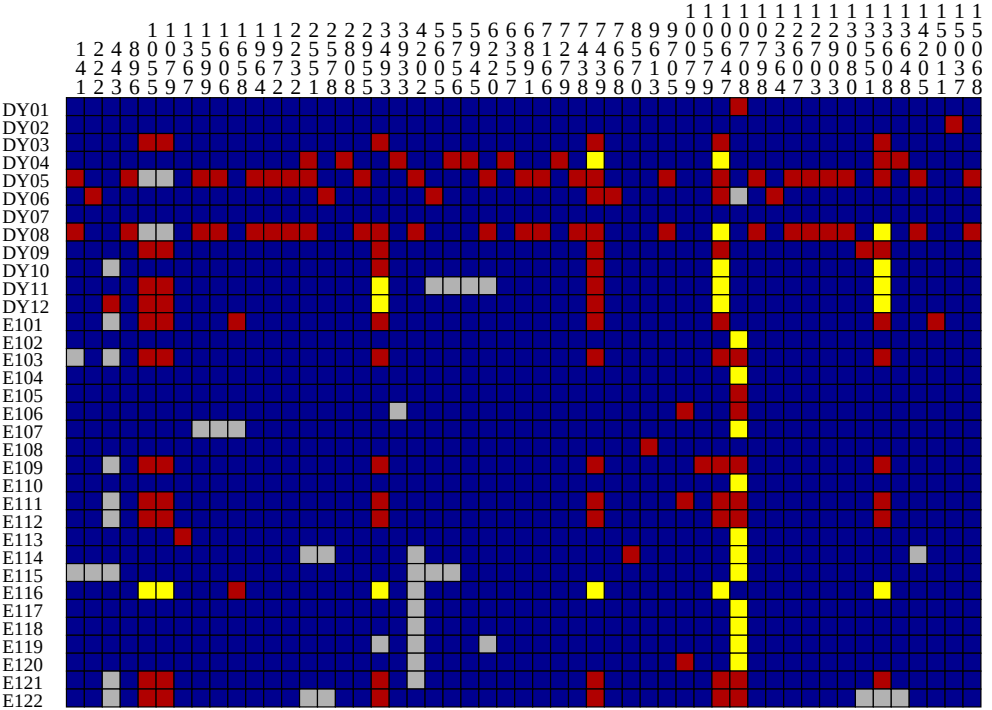
Homozygote−Rare allele

Missing data

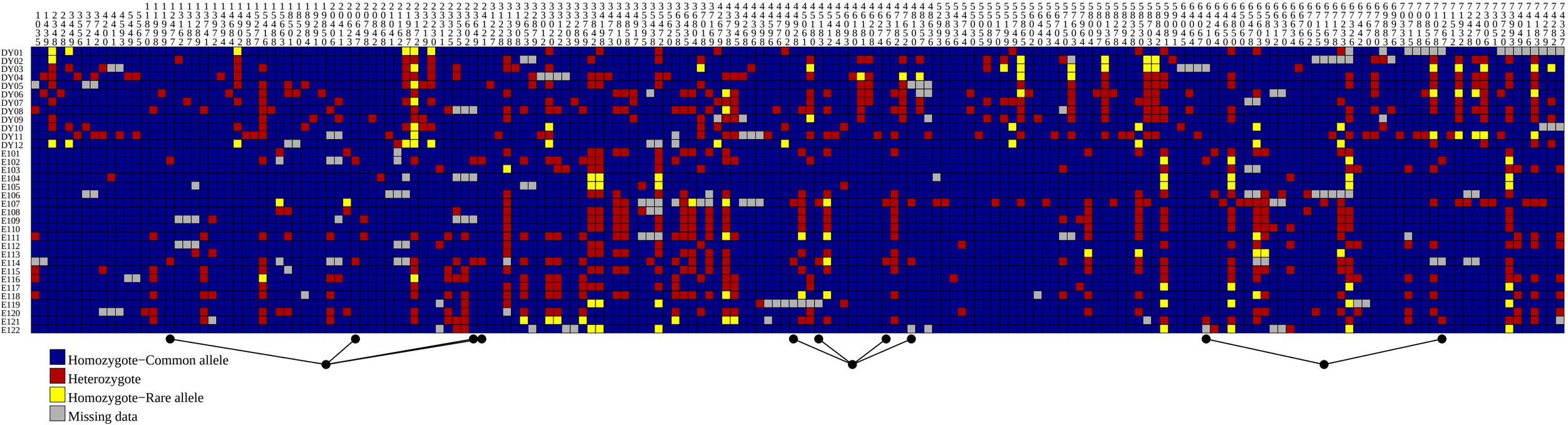
ddit3, p−value: 0.4



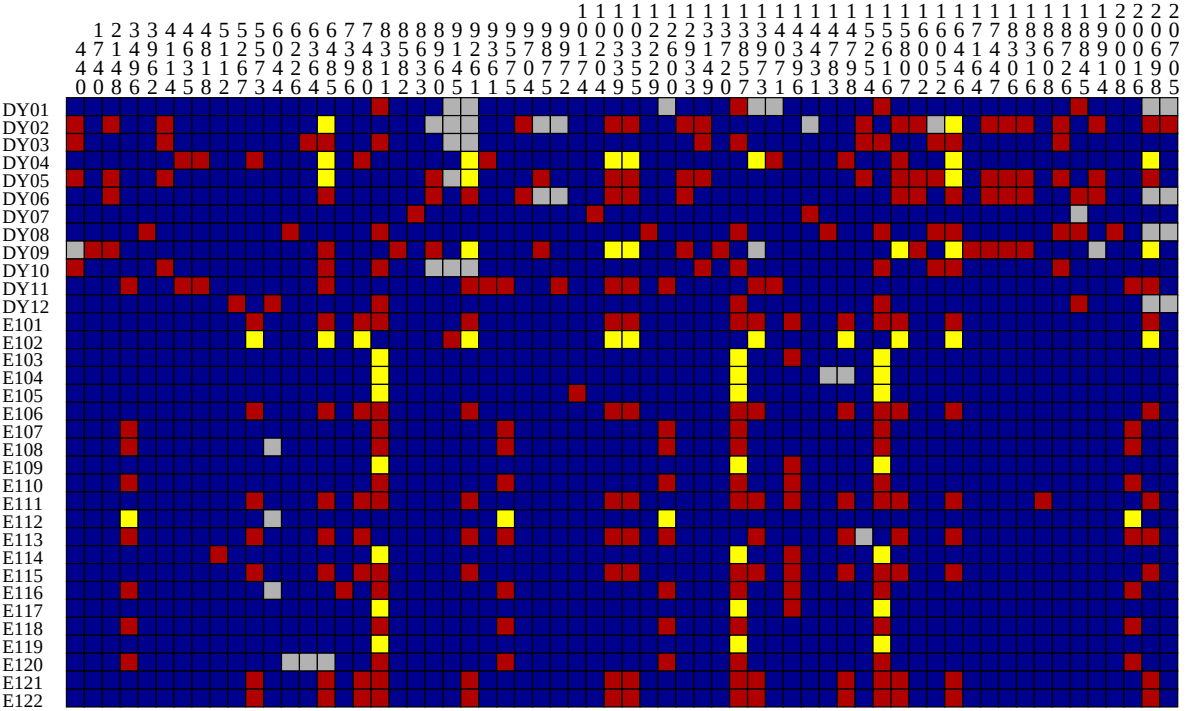
dut, p−value: 0.6572



ece1, p−value: 0.528



eno1, p−value: 0.7168



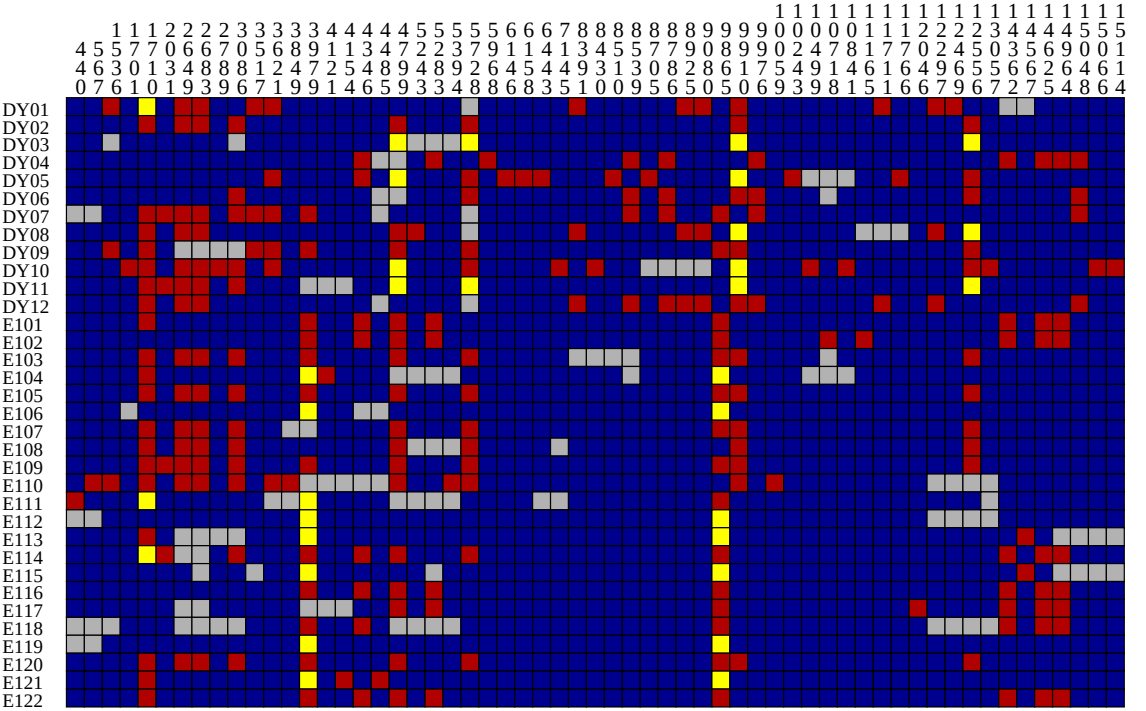
Homozygote−Common allele

Heterozygote

Homozygote−Rare allele

Missing data

epx, p−value: 0.6962



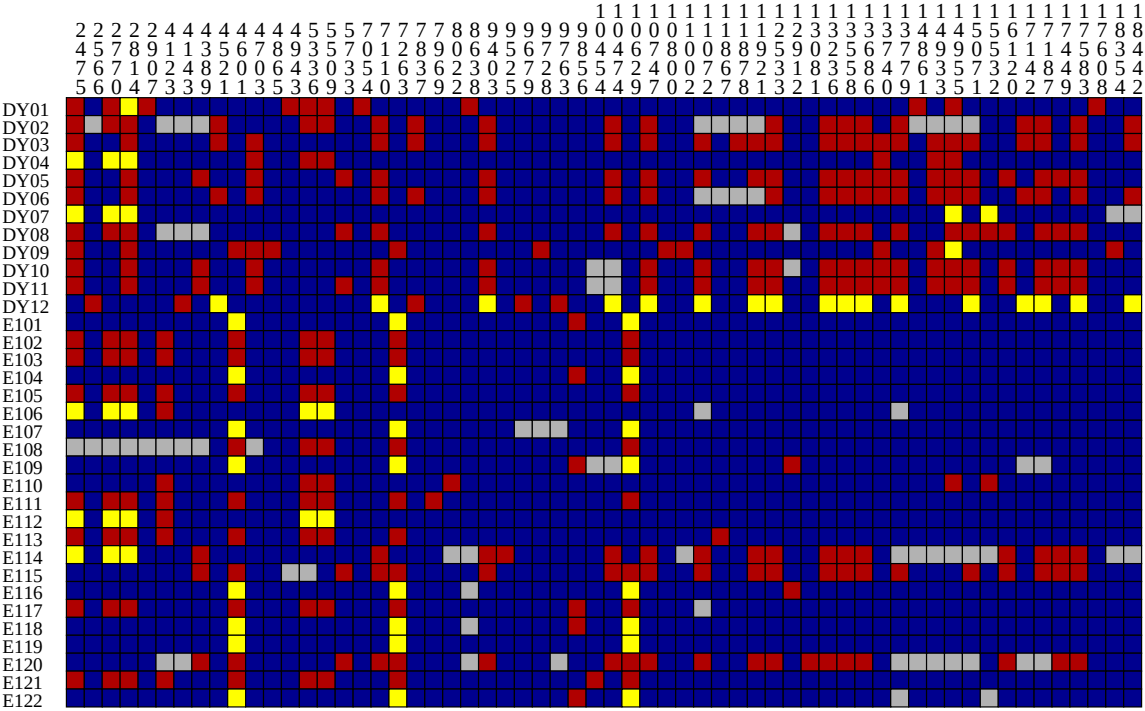
Homozygote−Common allele

Heterozygote

Homozygote−Rare allele

Missing data

fance, p−value: 0.7212



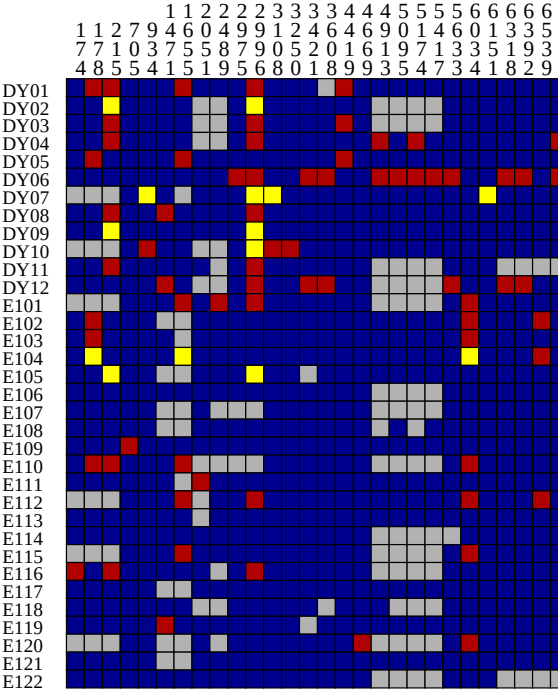
Homozygote−Common allele

Heterozygote

Homozygote−Rare allele

Missing data

fancf, p−value: 0.4934



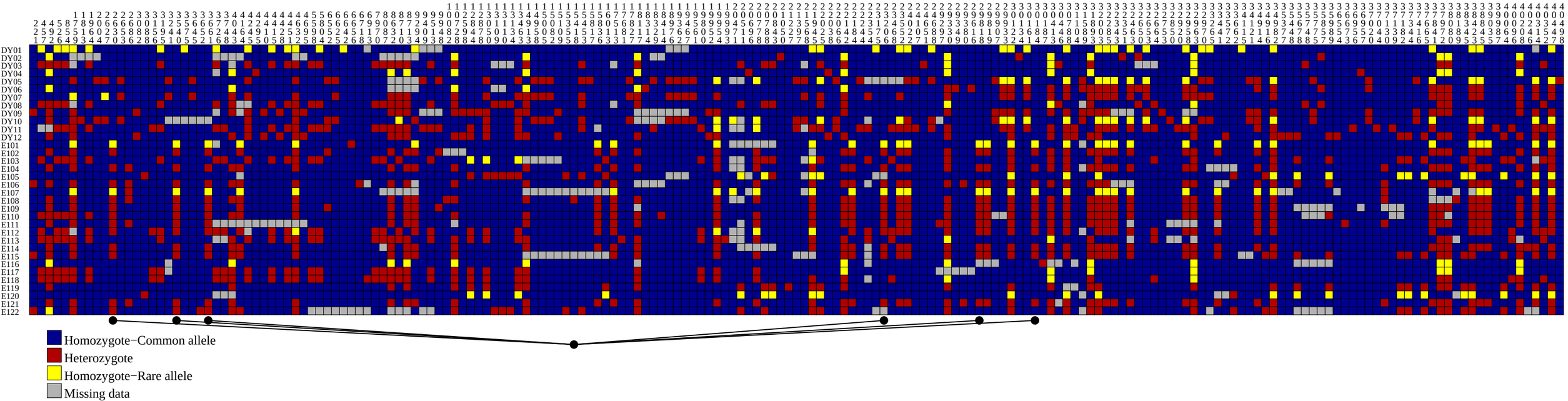
Homozygote−Common allele

Heterozygote

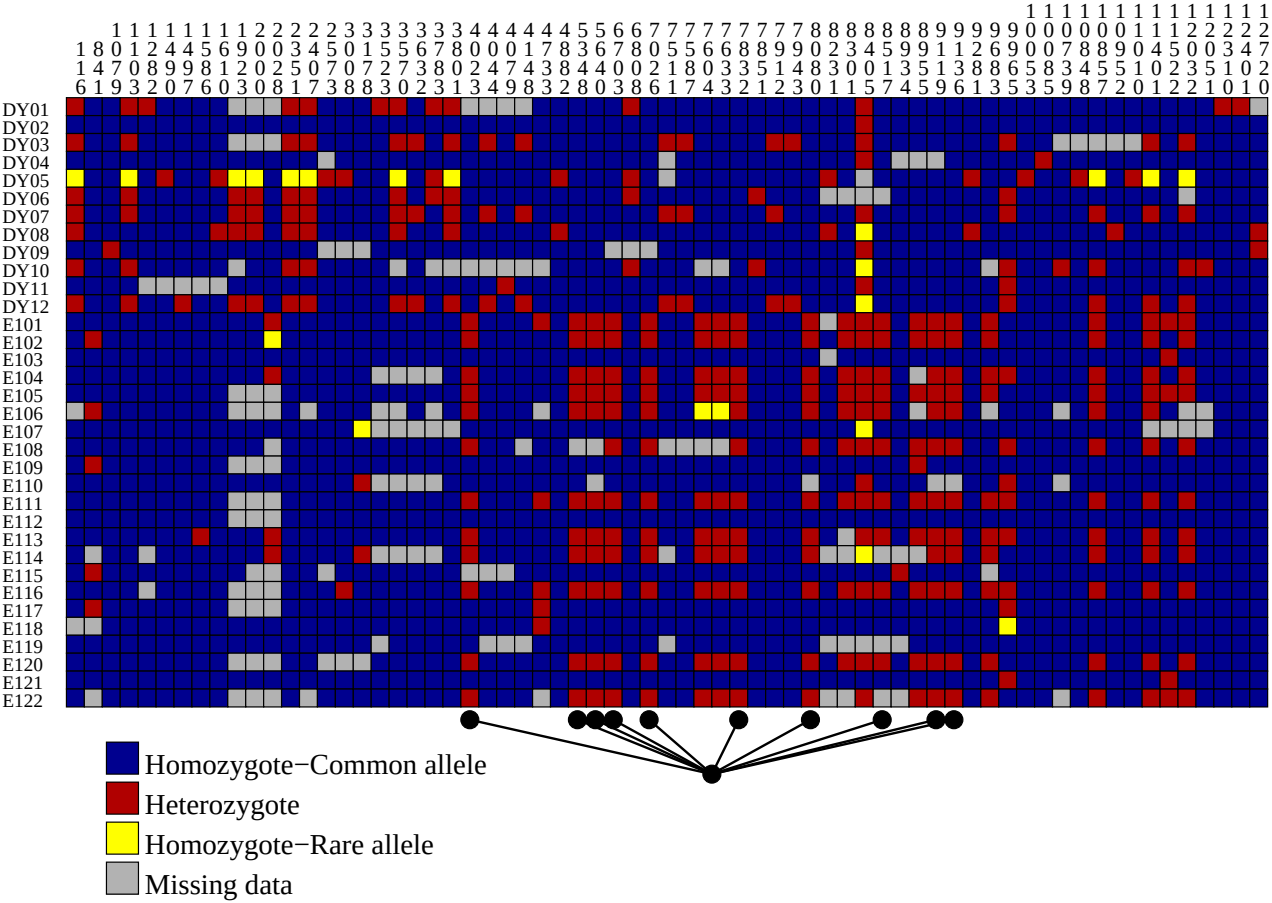
Homozygote−Rare allele

Missing data

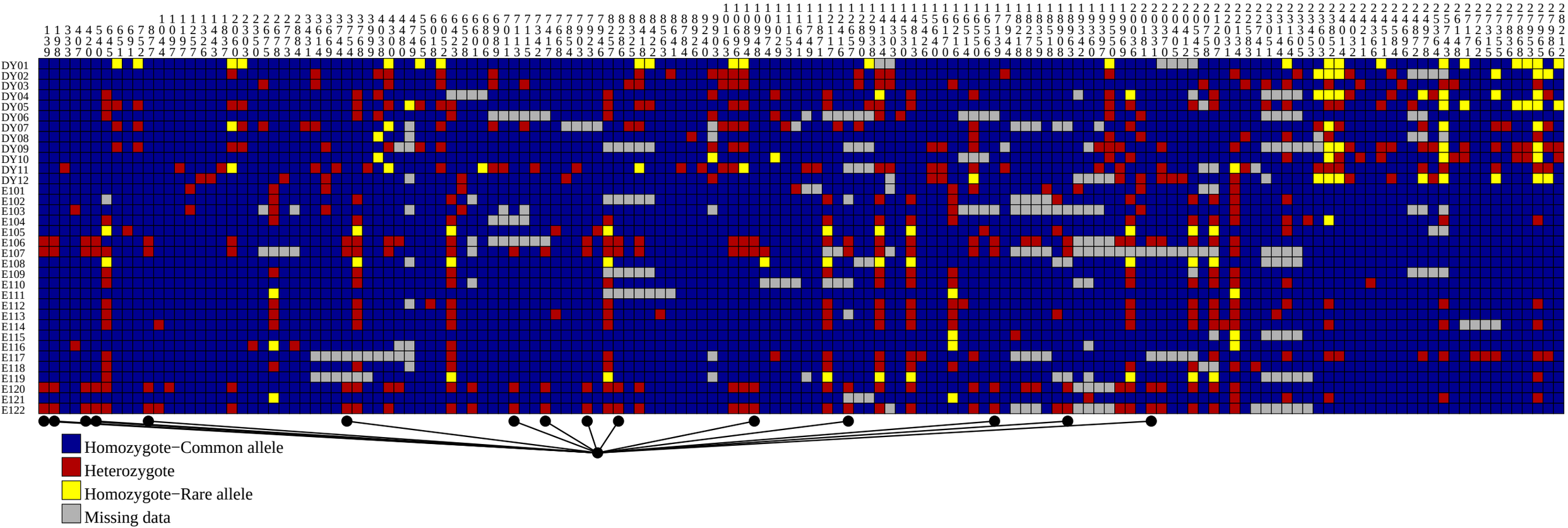
fbp1, p−value: 0.1858



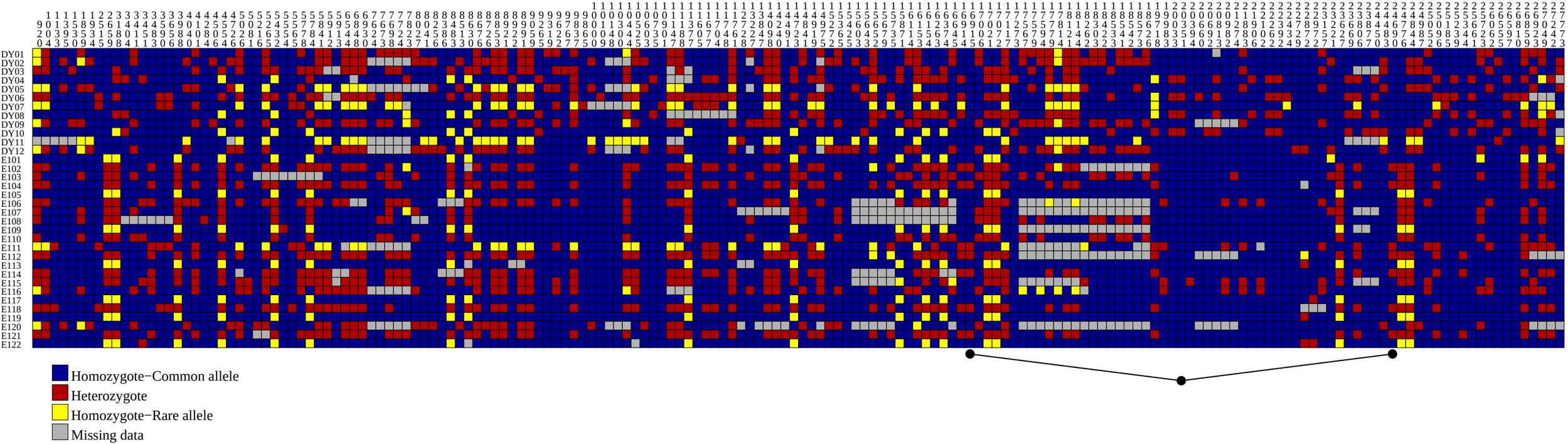
fdxr, p−value: 0.0266



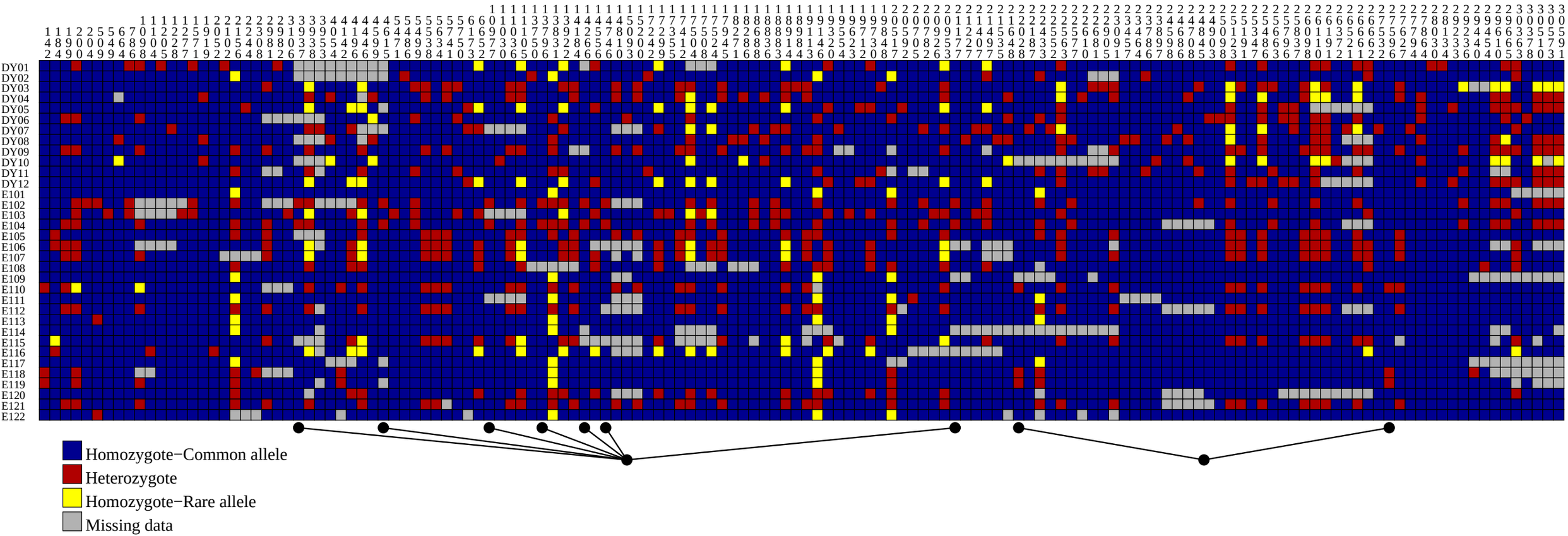
fgf5, p−value: 0.0332



fmo2, p−value: 0.808



fmo3, p−value: 0.0946



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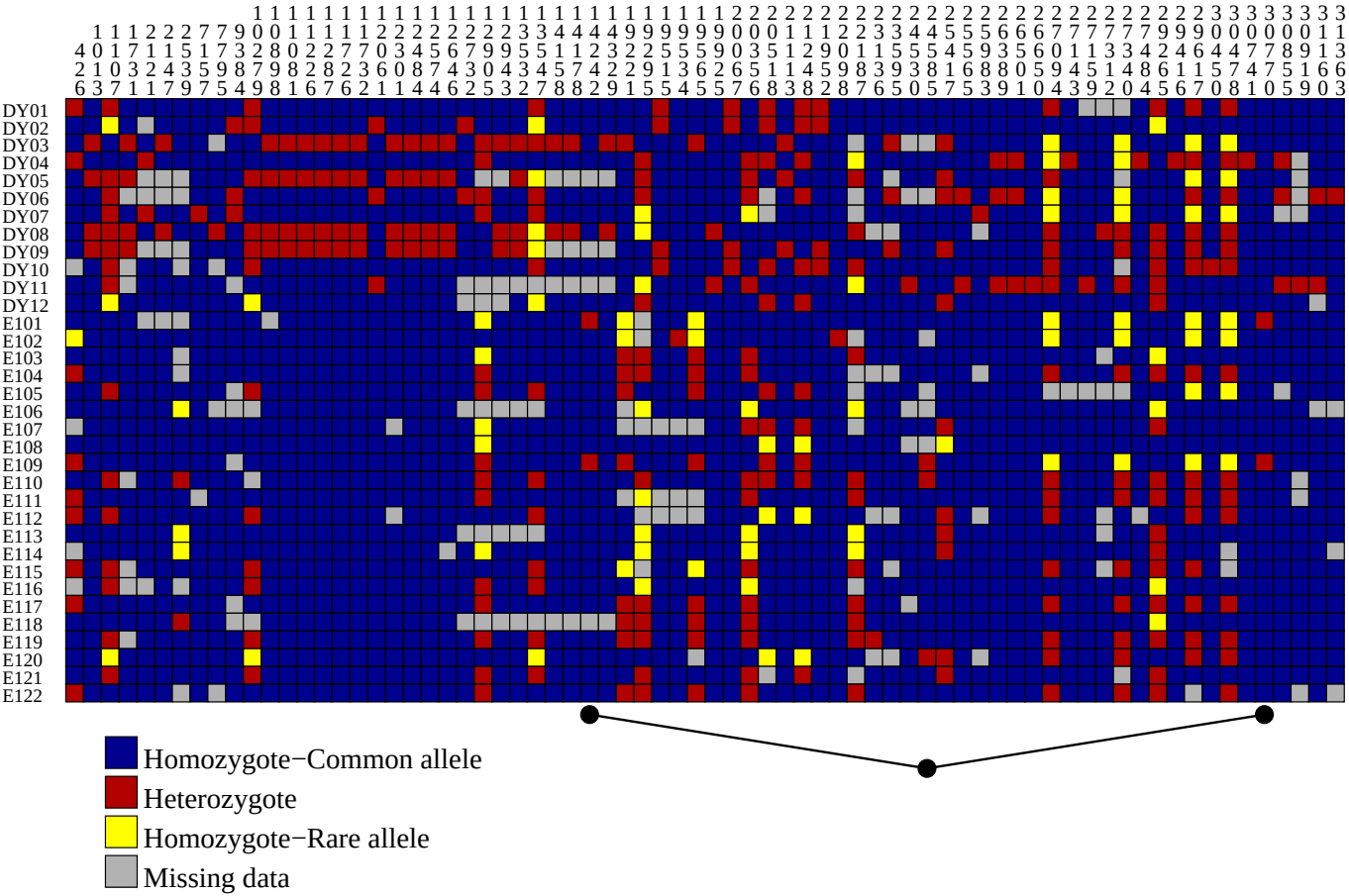
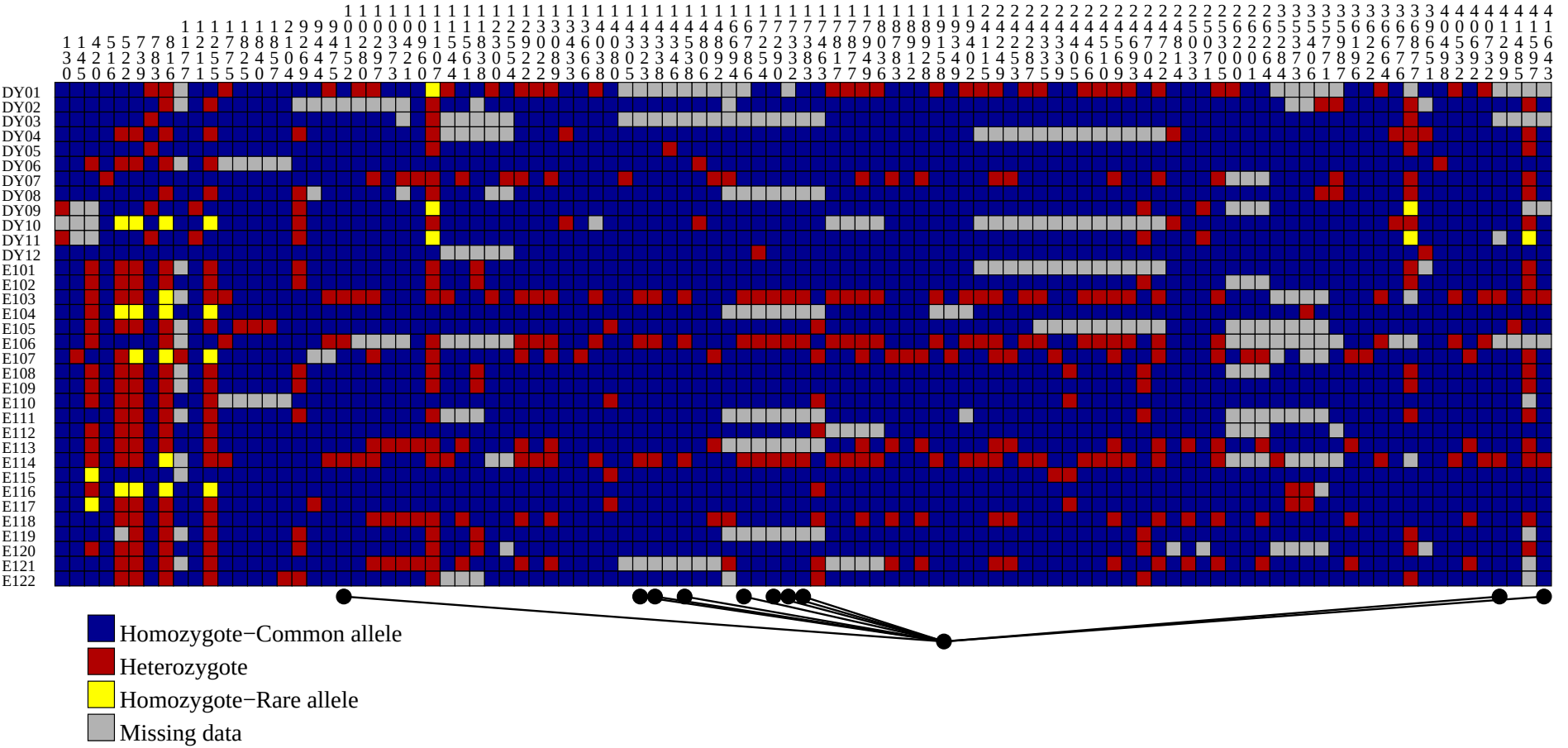


fmo5, p−value: 0.0404



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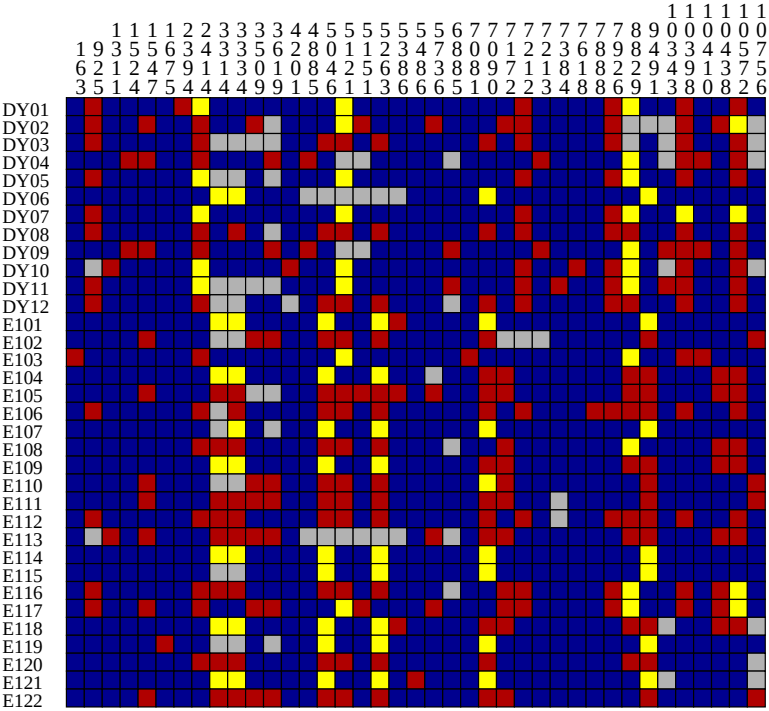
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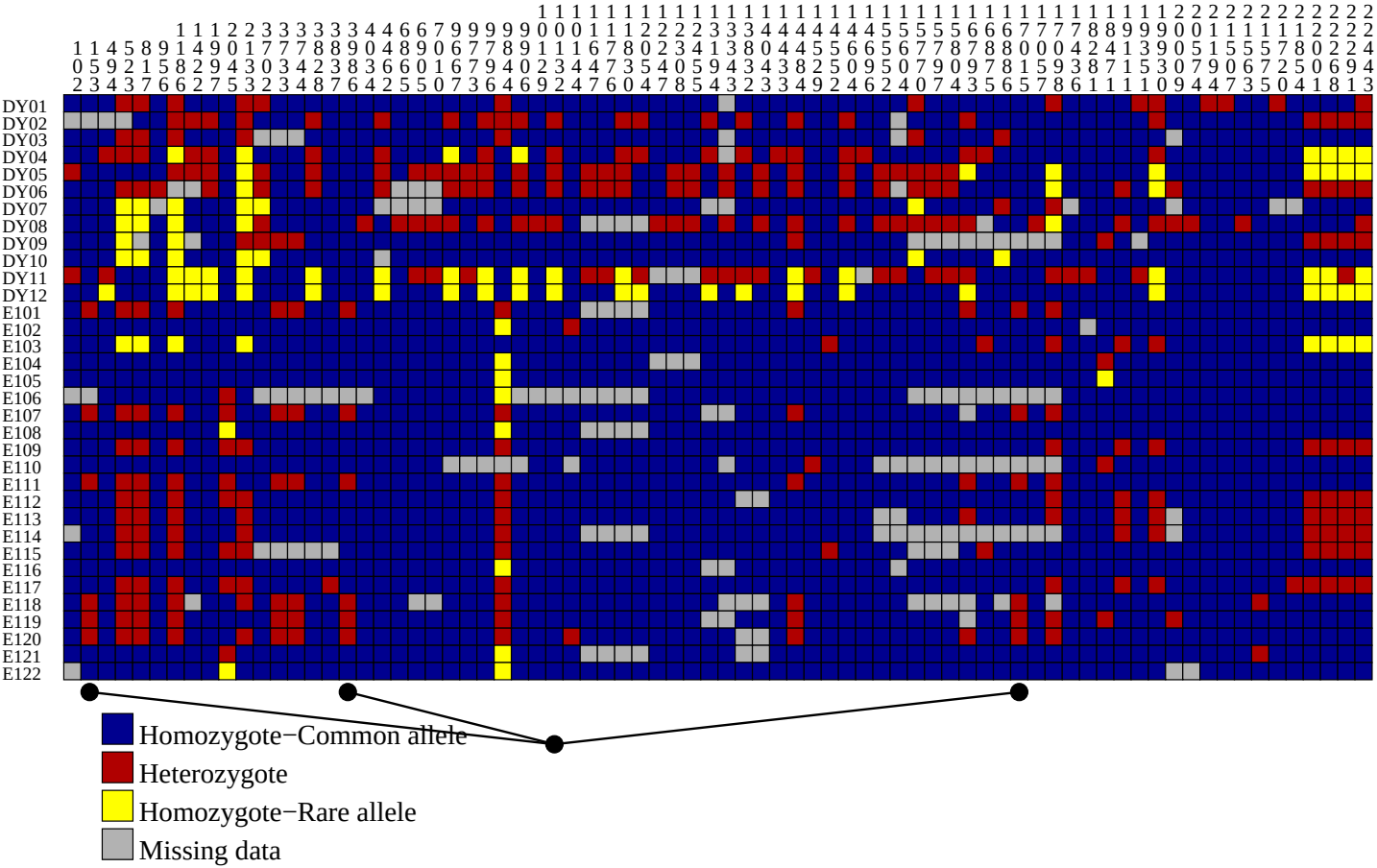

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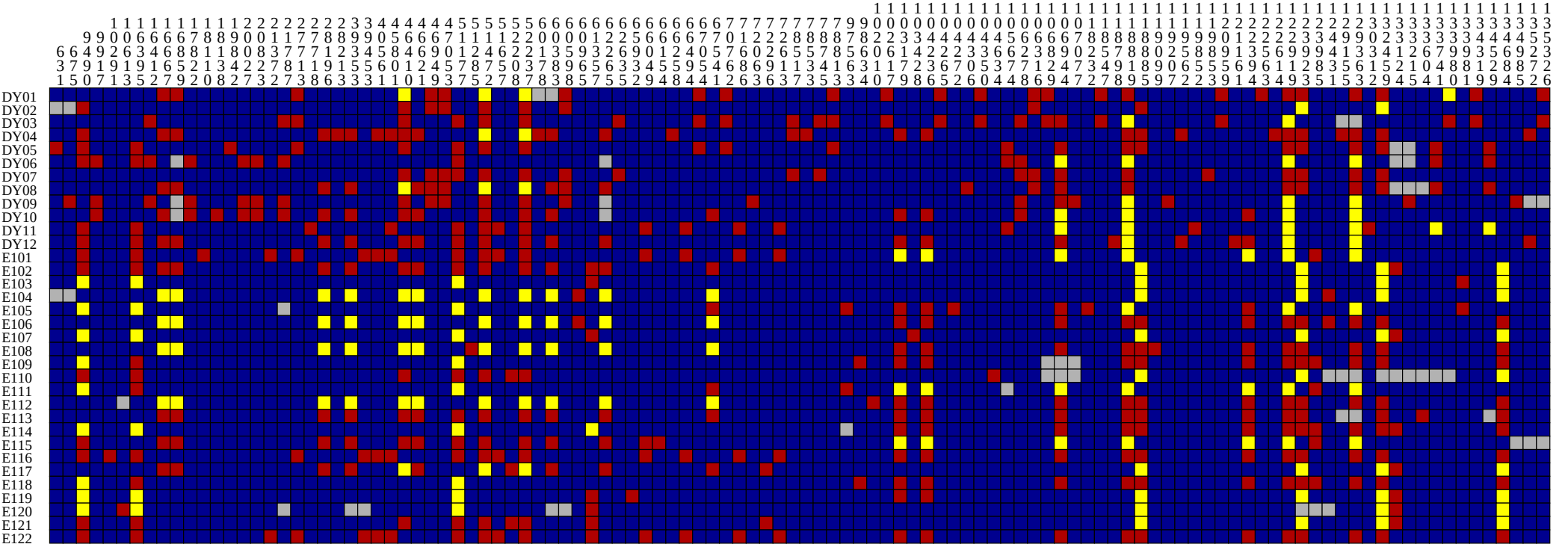
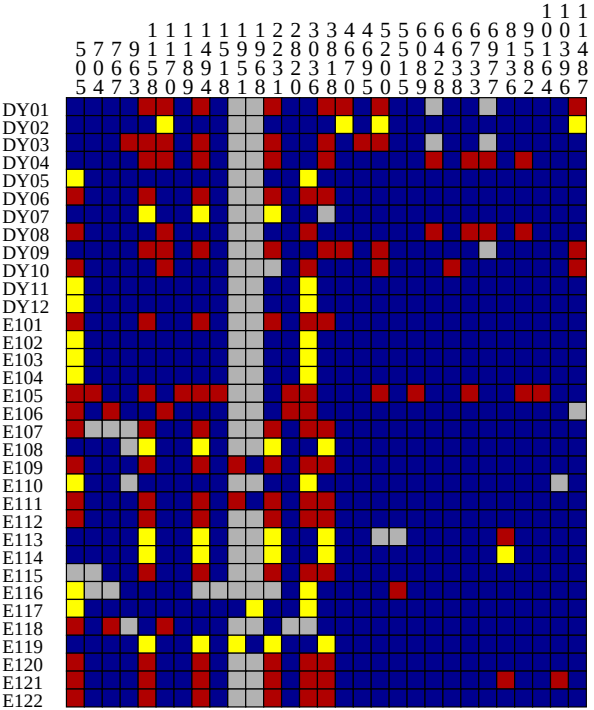


Homozygote−Common allele
Heterozygote
Homozygote−Rare allele
Missing data

glrx2, p−value: 0.5046



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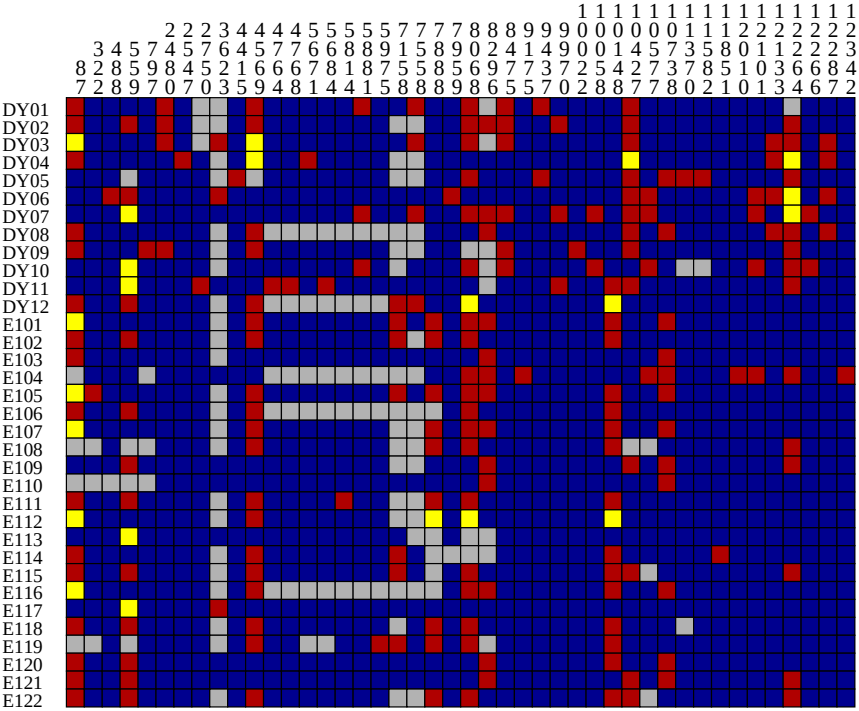

Homozygote−Common allele

Heterozygote

Homozygote−Rare allele

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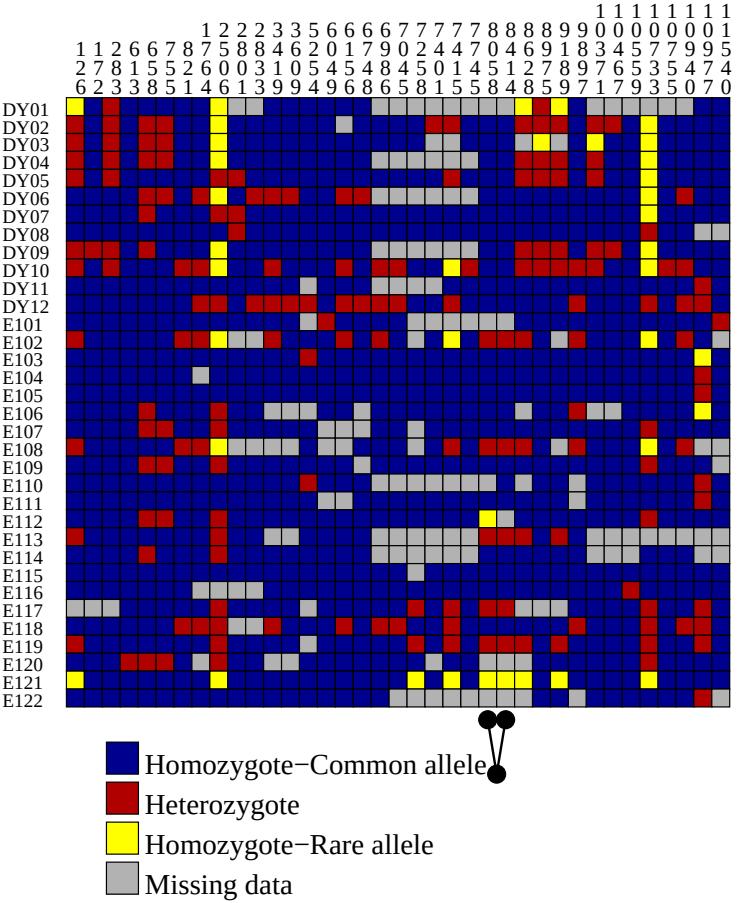

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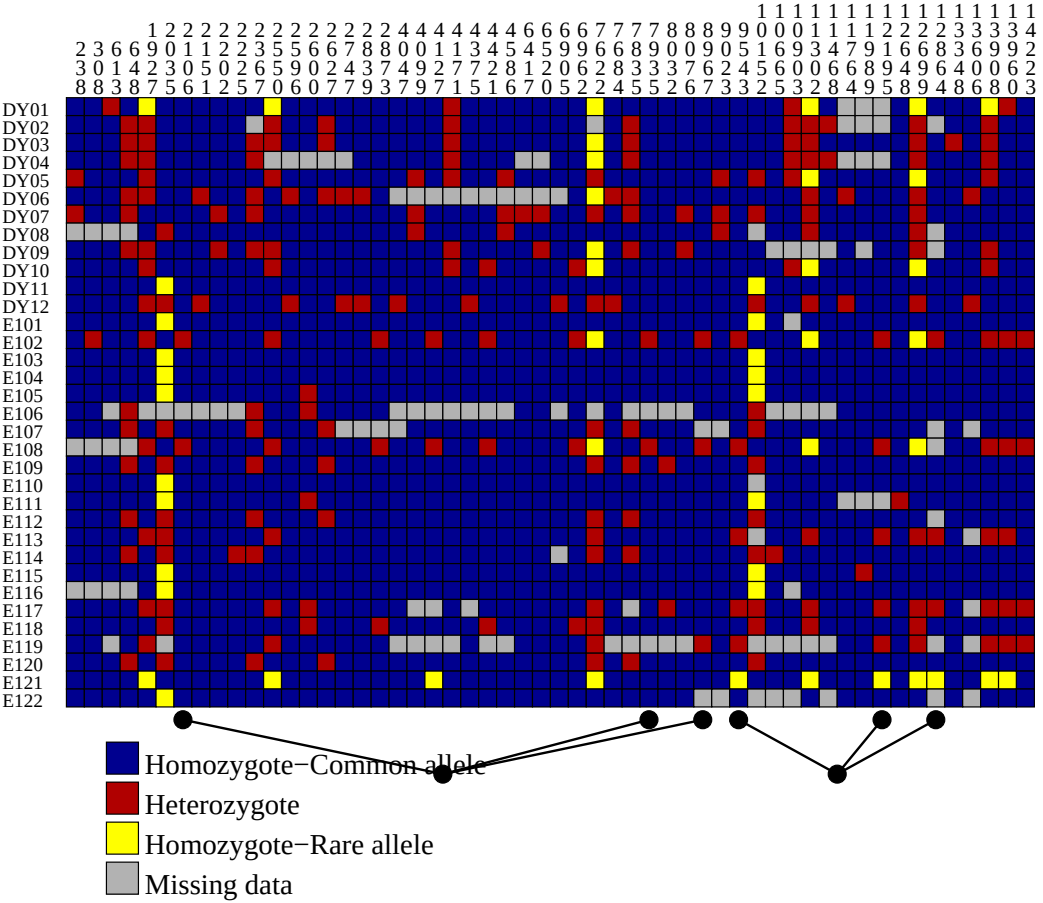

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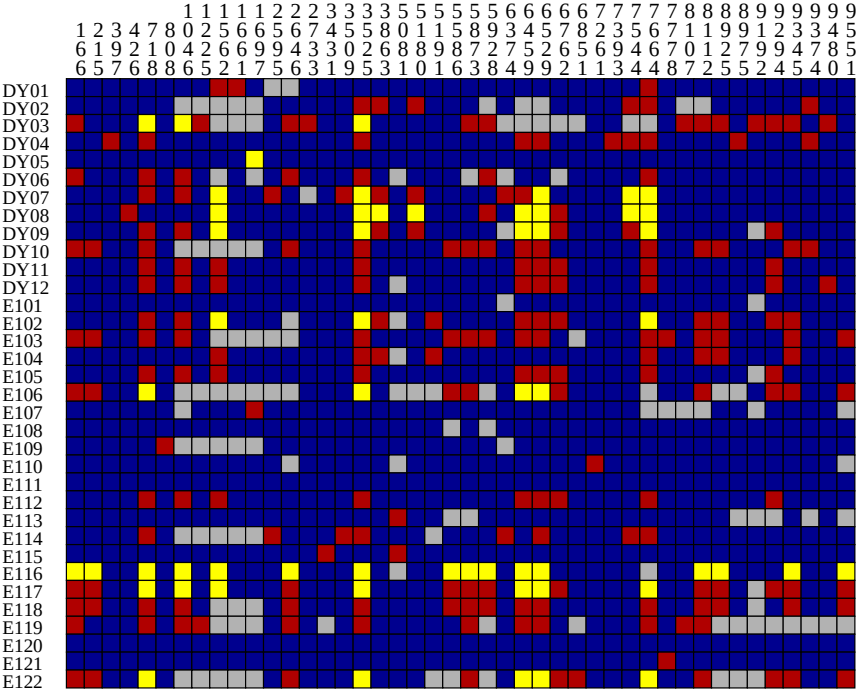

Homozygote−Common allele

Heterozygote

Homozygote−Rare allele

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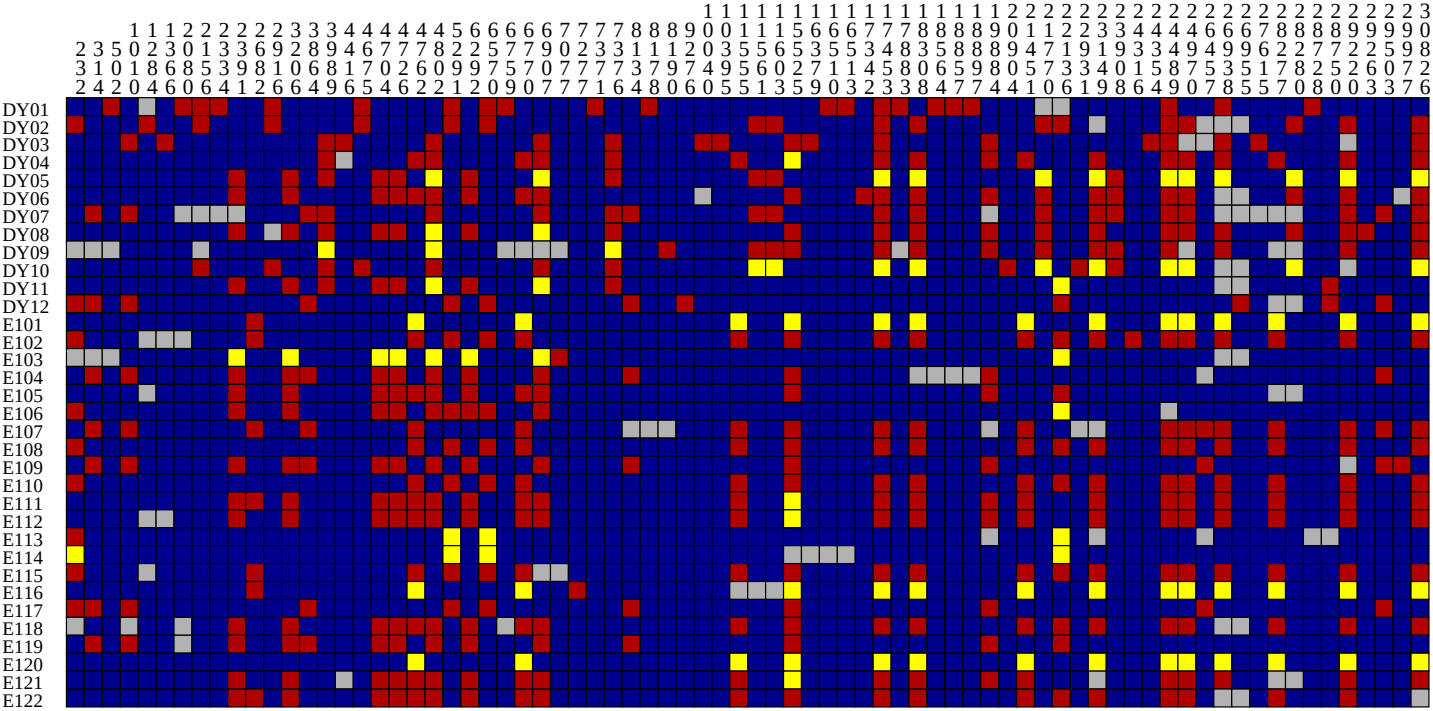


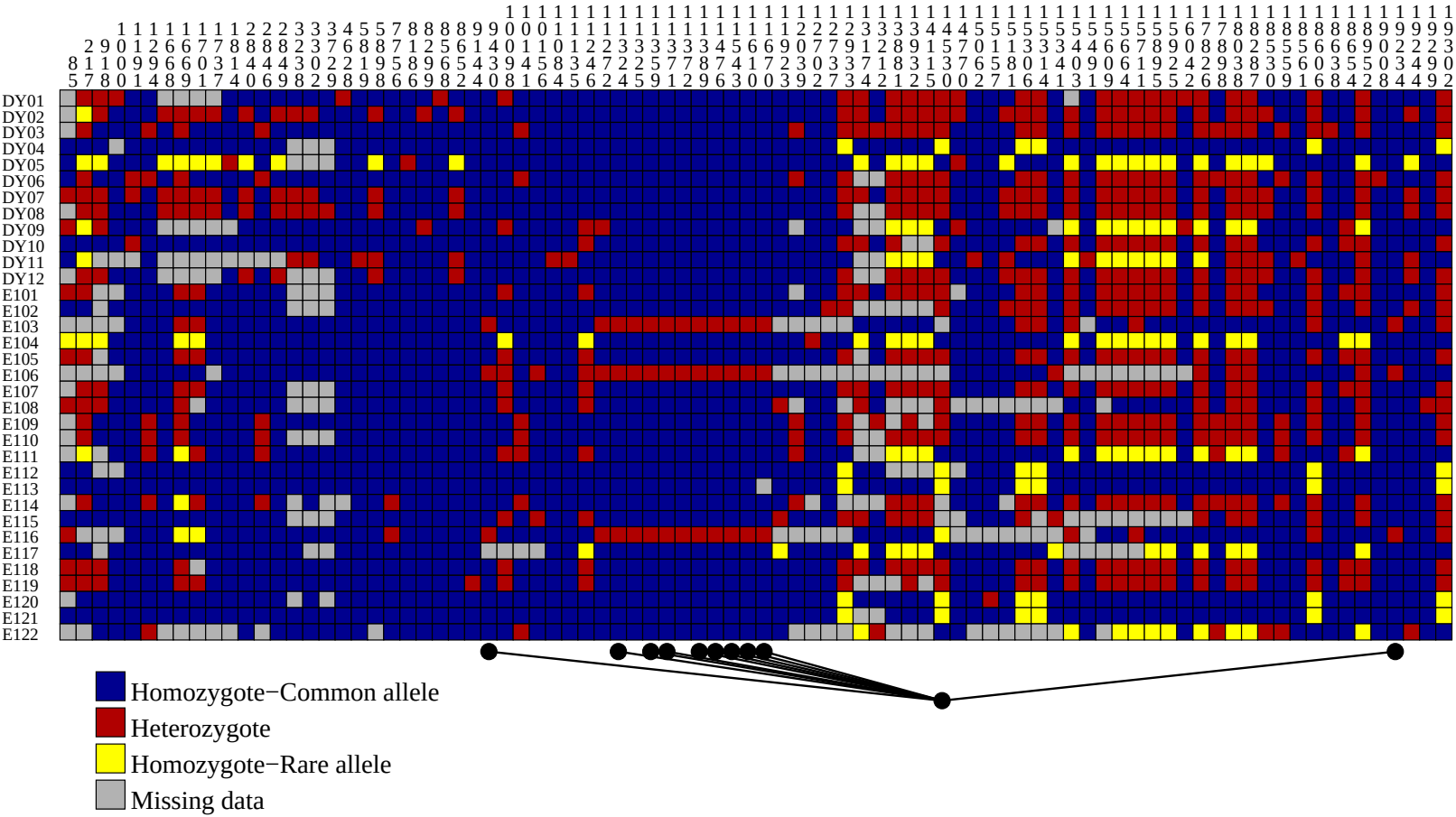
Homozygote−Common allele

Heterozygote

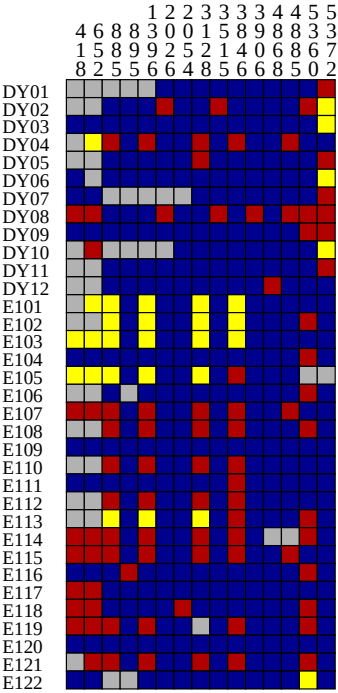
Homozygote−Rare allele

Missing data

gsta4, p−value: 0.0294



h2afx, p−value: 0.428



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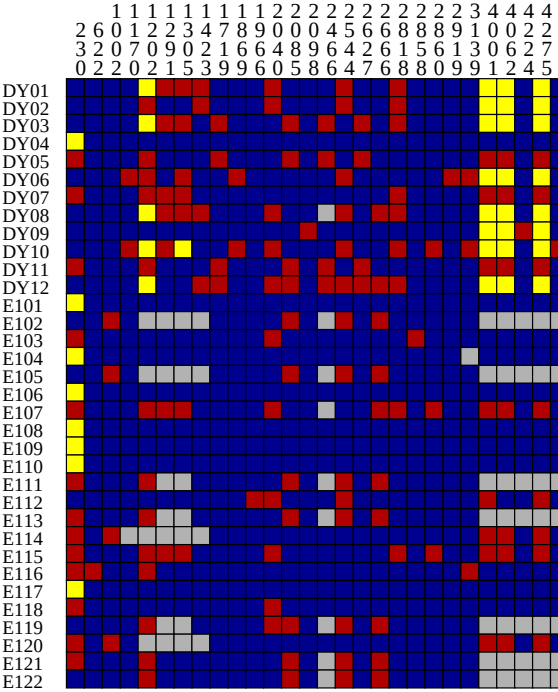


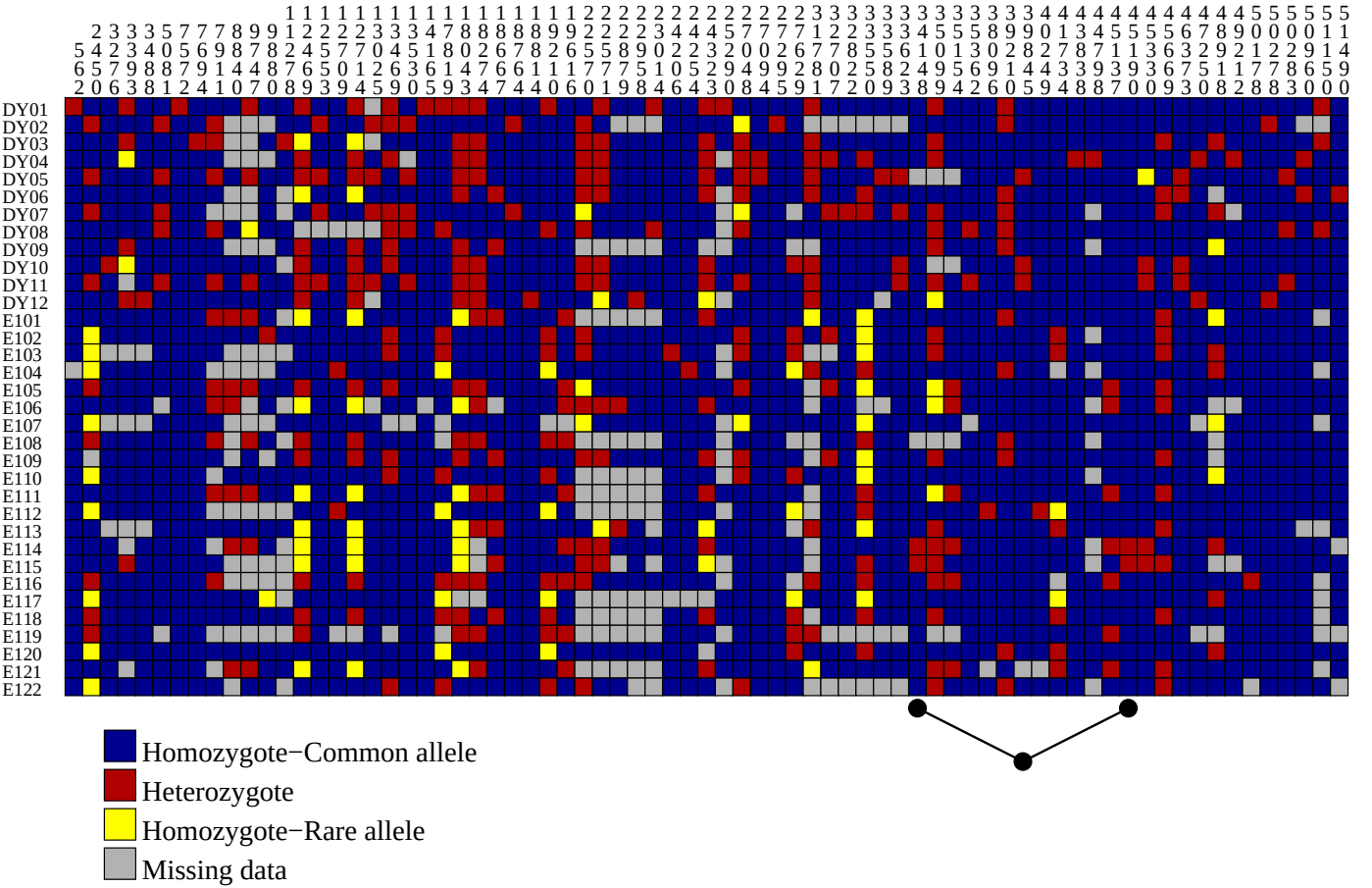
Homozygote−Common allele

Heterozygote

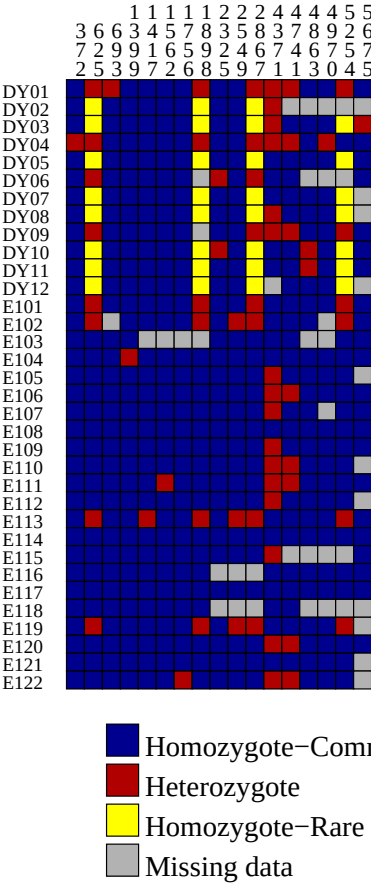
Homozygote−Rare allele

Missing data

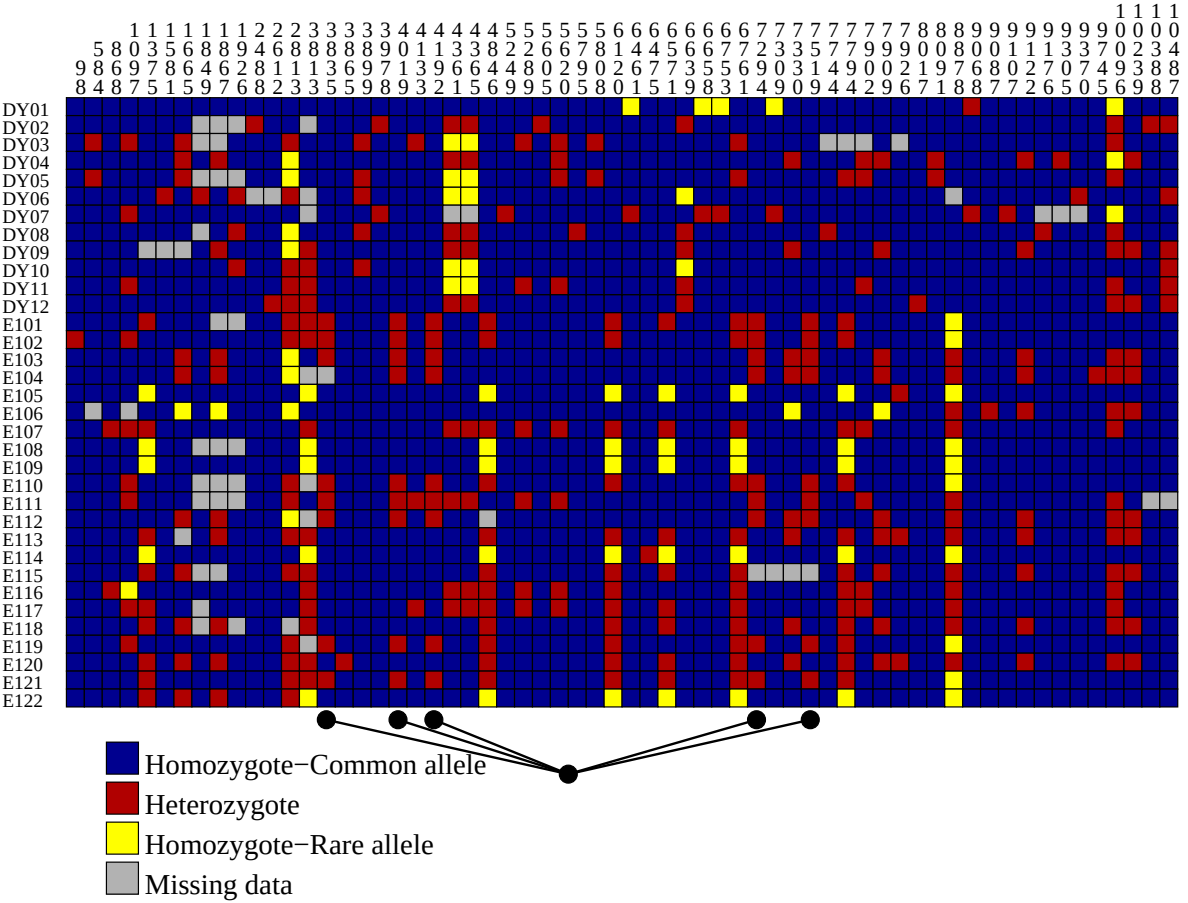
itgal, p−value: 0.3874



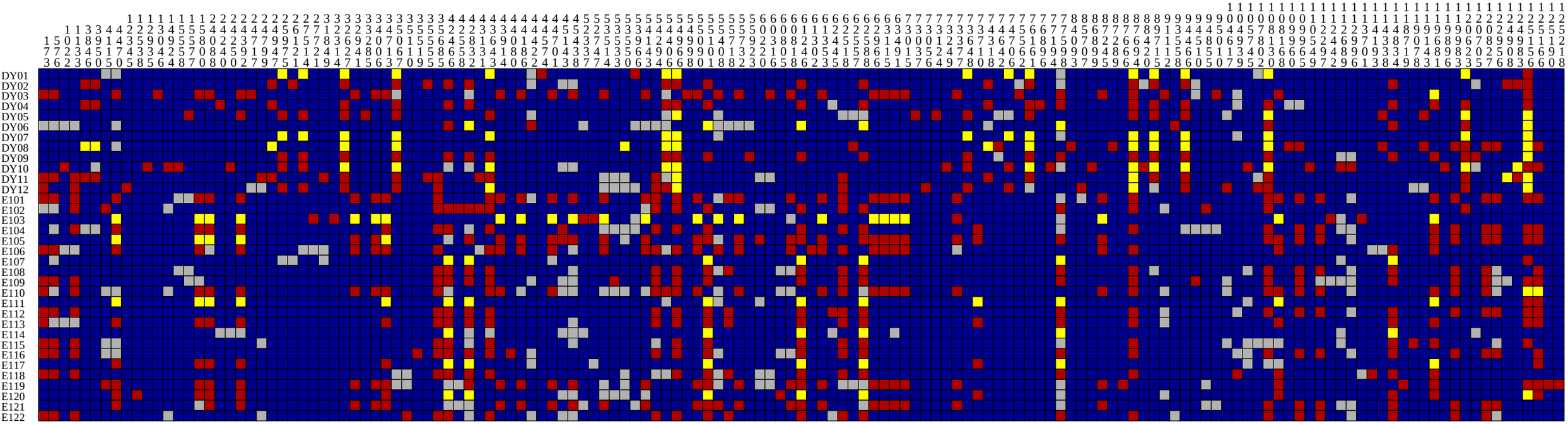
lcmt2, p−value: 0.4486



mad2l2, p−value: 0.0736

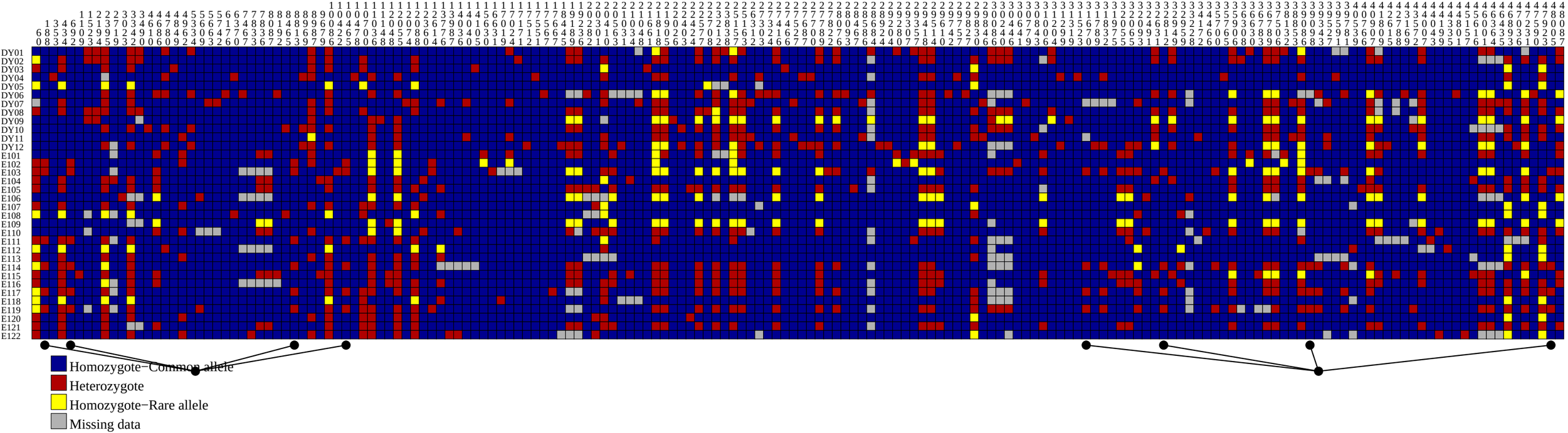


map2k4, p−value: 0.8604

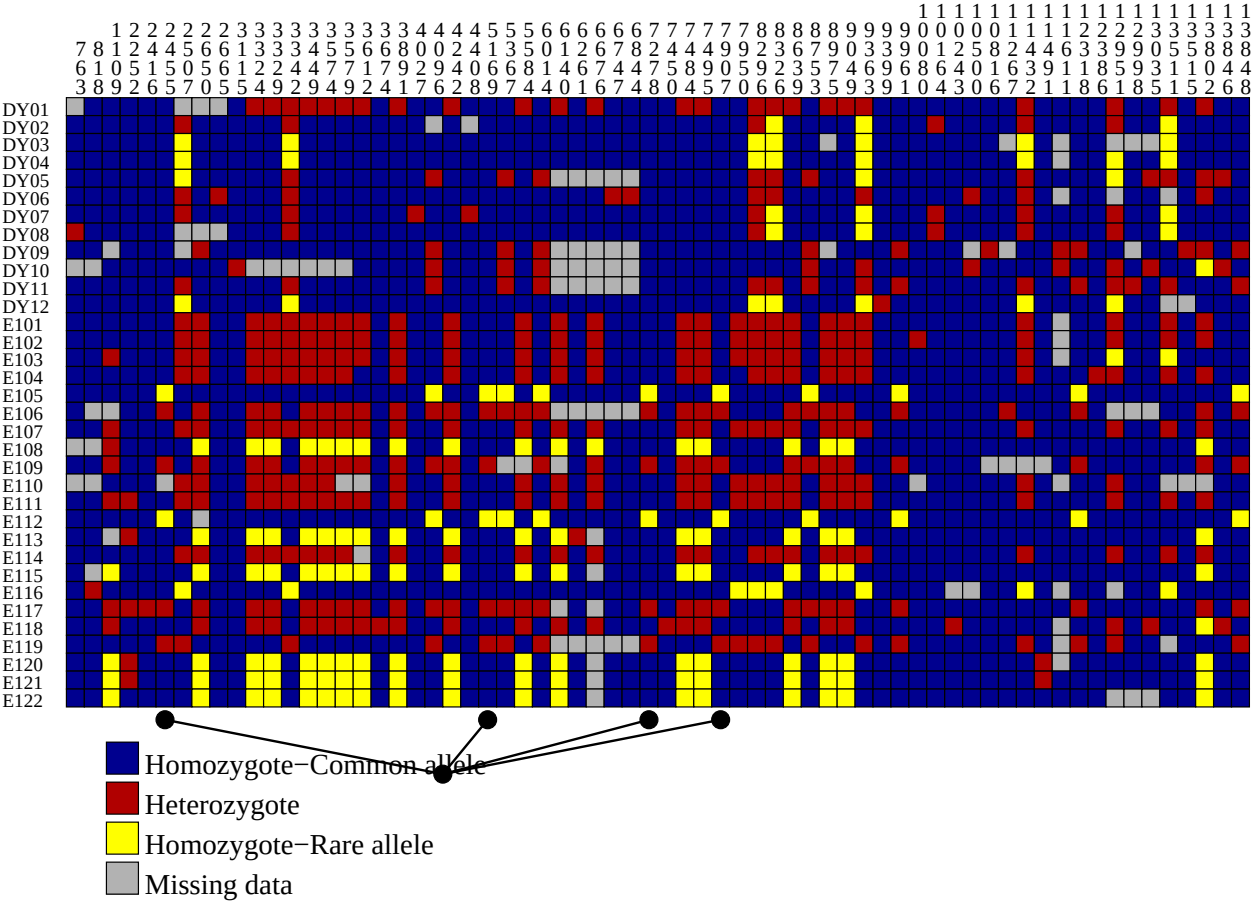


Homozygote−Common allele
Heterozygote
Homozygote−Rare allele
Missing data

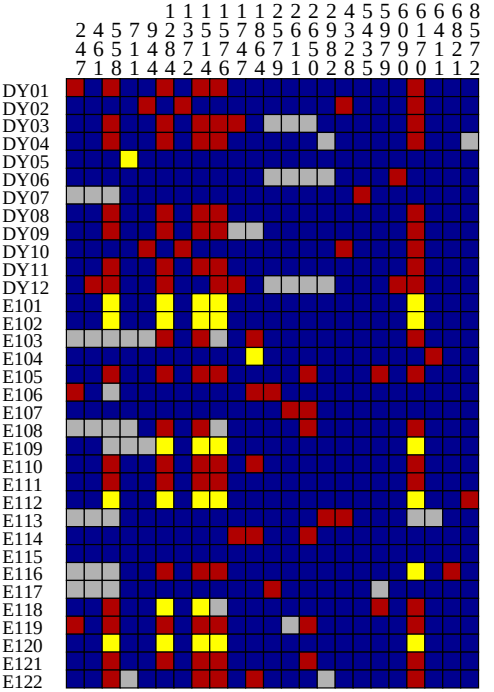
mapk9, p−value: 0.243



mb, p−value: 0.1122



mcl1, p−value: 0.4808



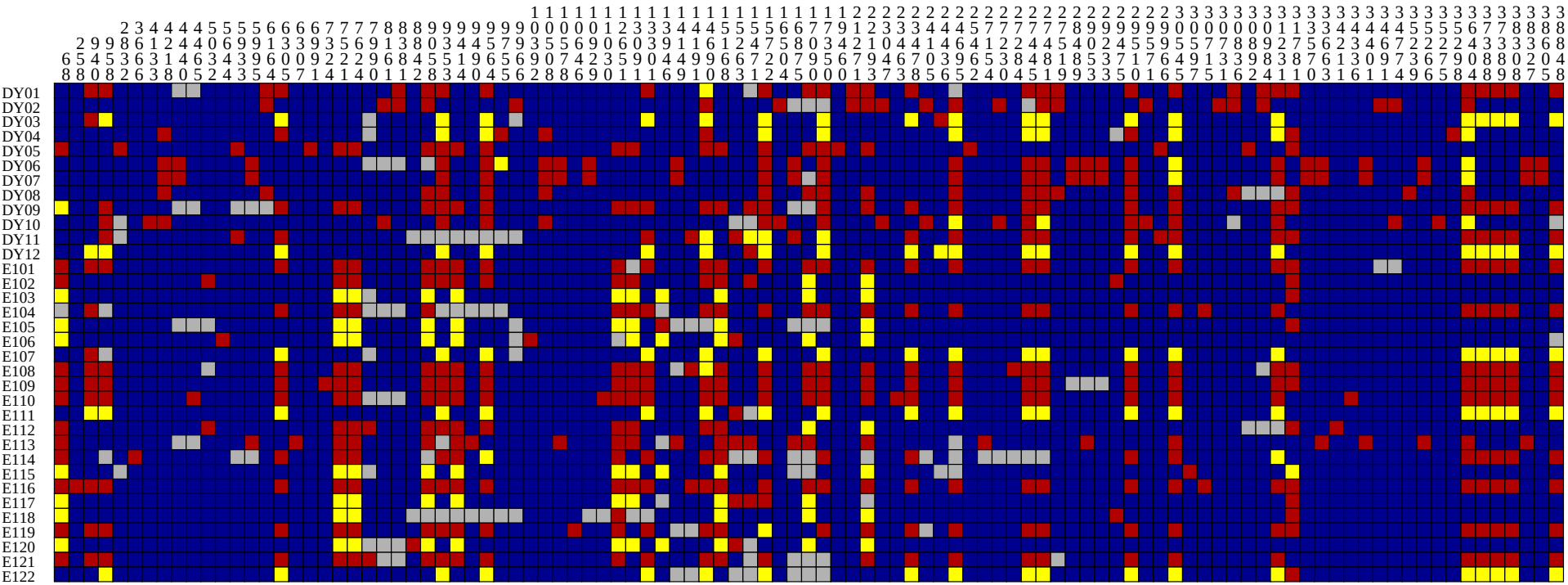
Homozygote−Common allele

Heterozygote

Homozygote−Rare allele

Missing data

mlh3, p−value: 0.8542



Homozygote−Common allele

Heterozygote

Homozygote−Rare allele

Missing data

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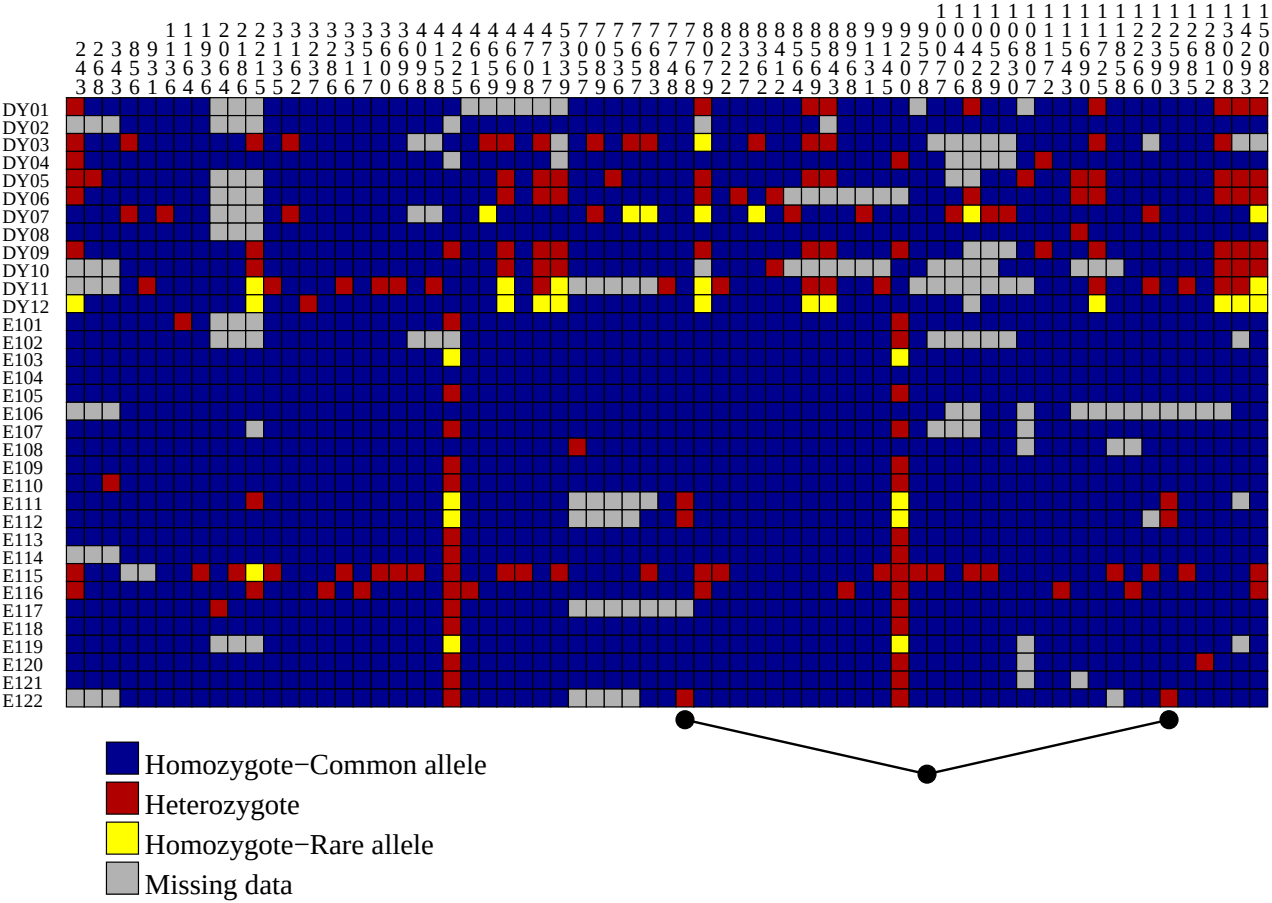

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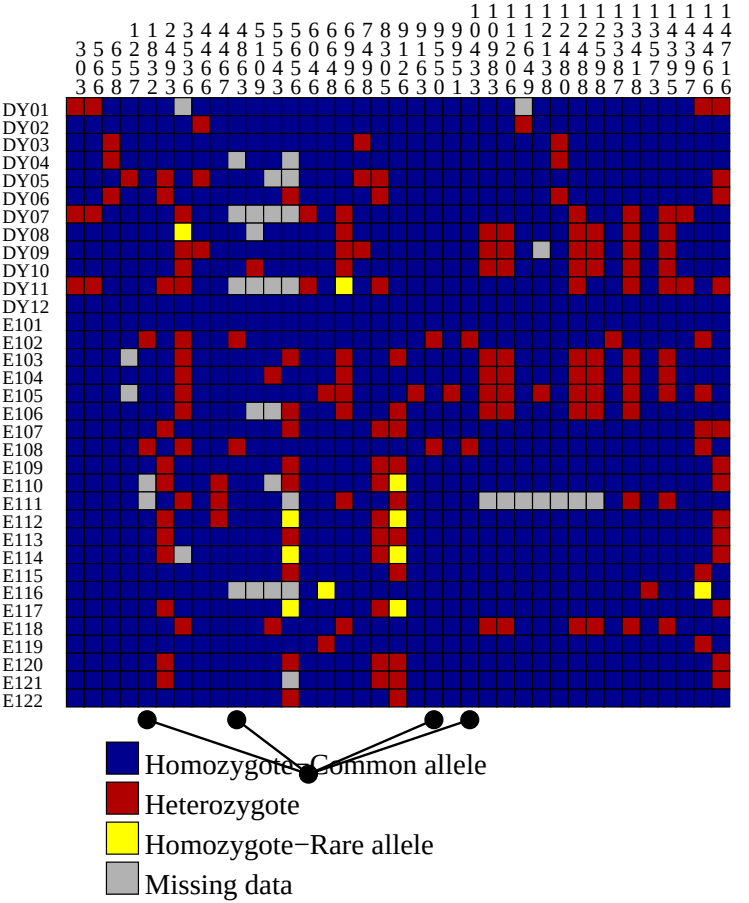
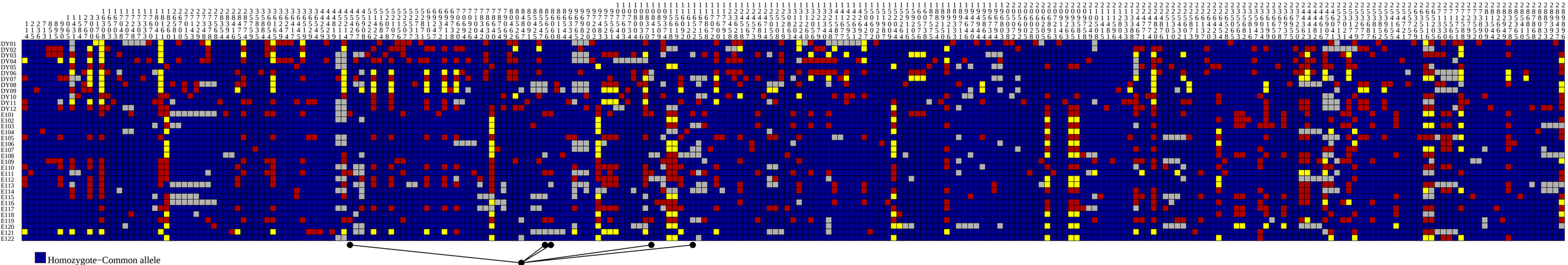


mmp16, p−value: 0.144



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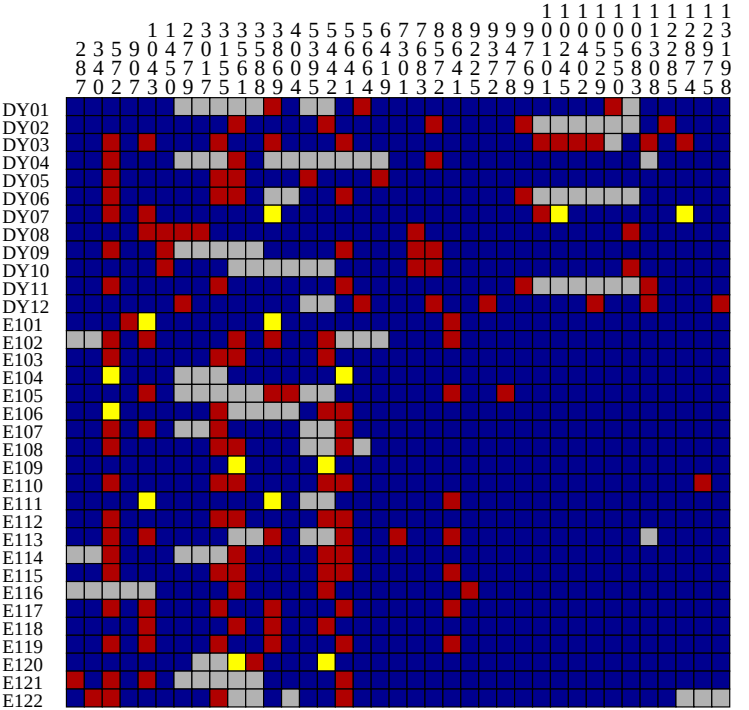


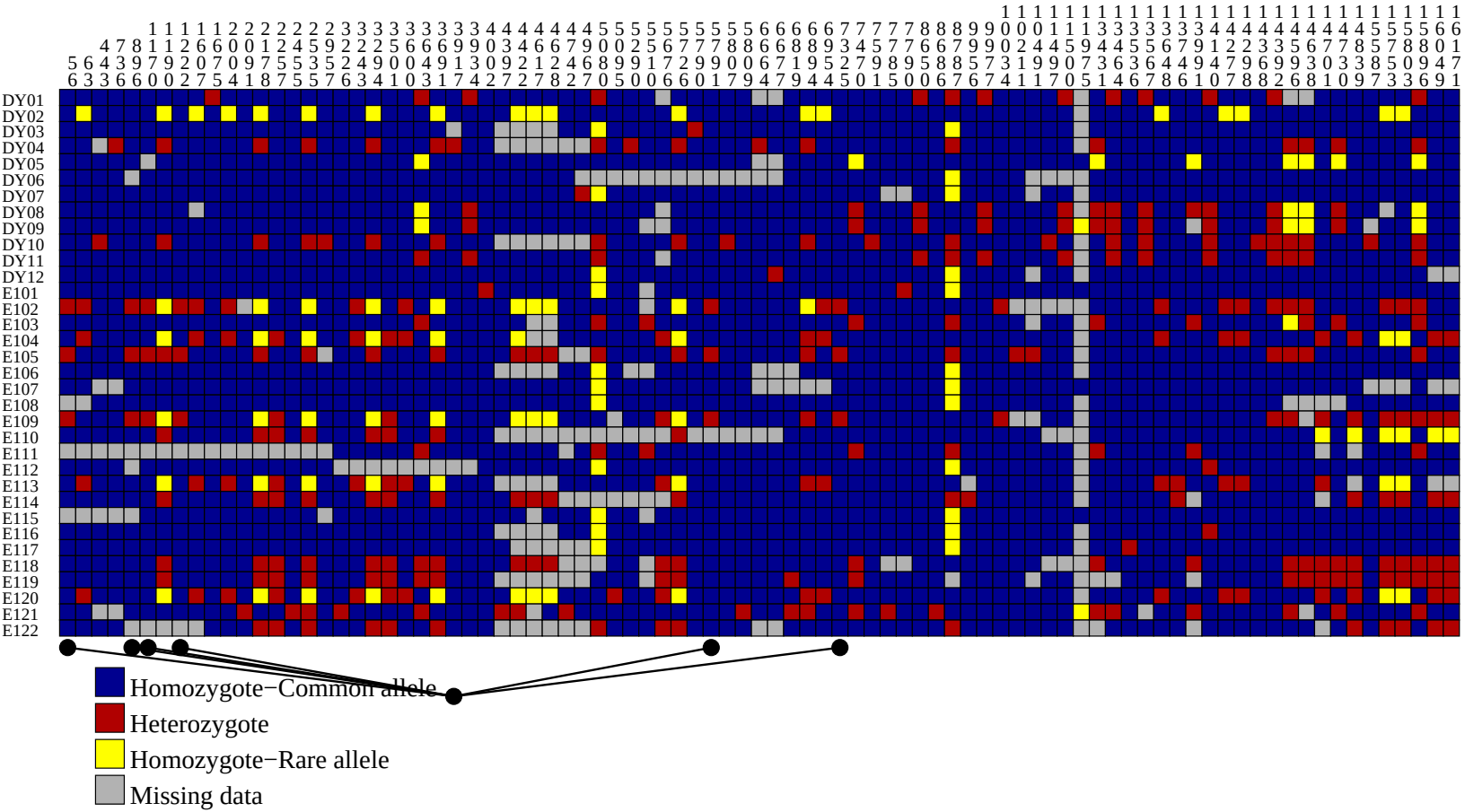
Homozygote−Common allele

Heterozygote

Homozygote−Rare allele

Missing data

mmp8, p−value: 0.0828



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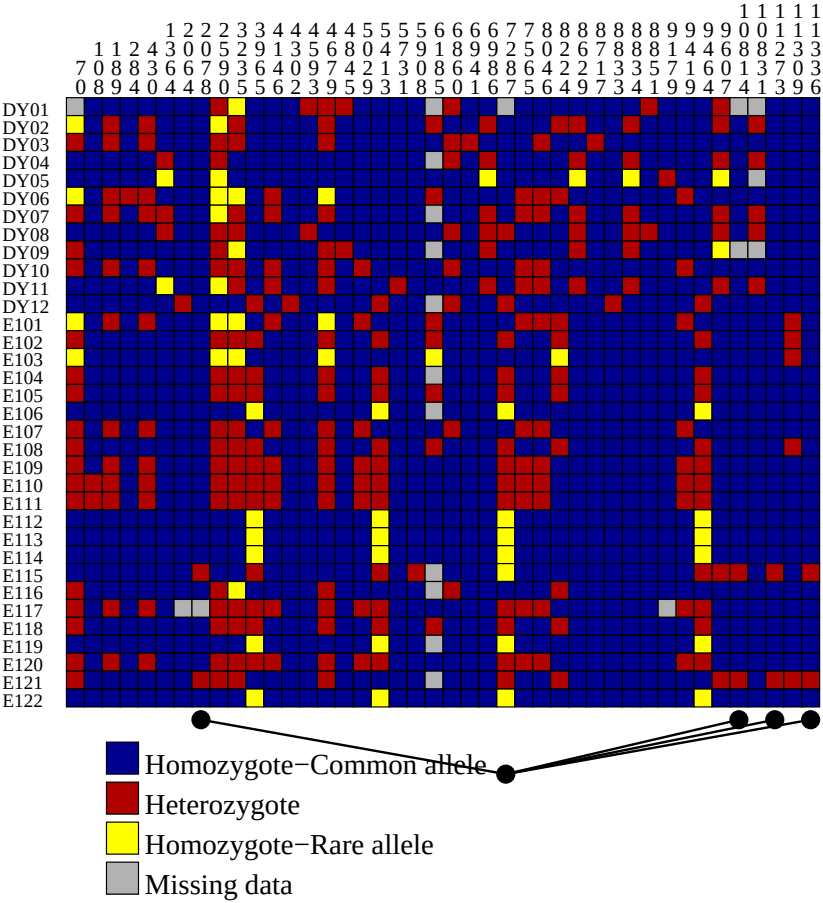

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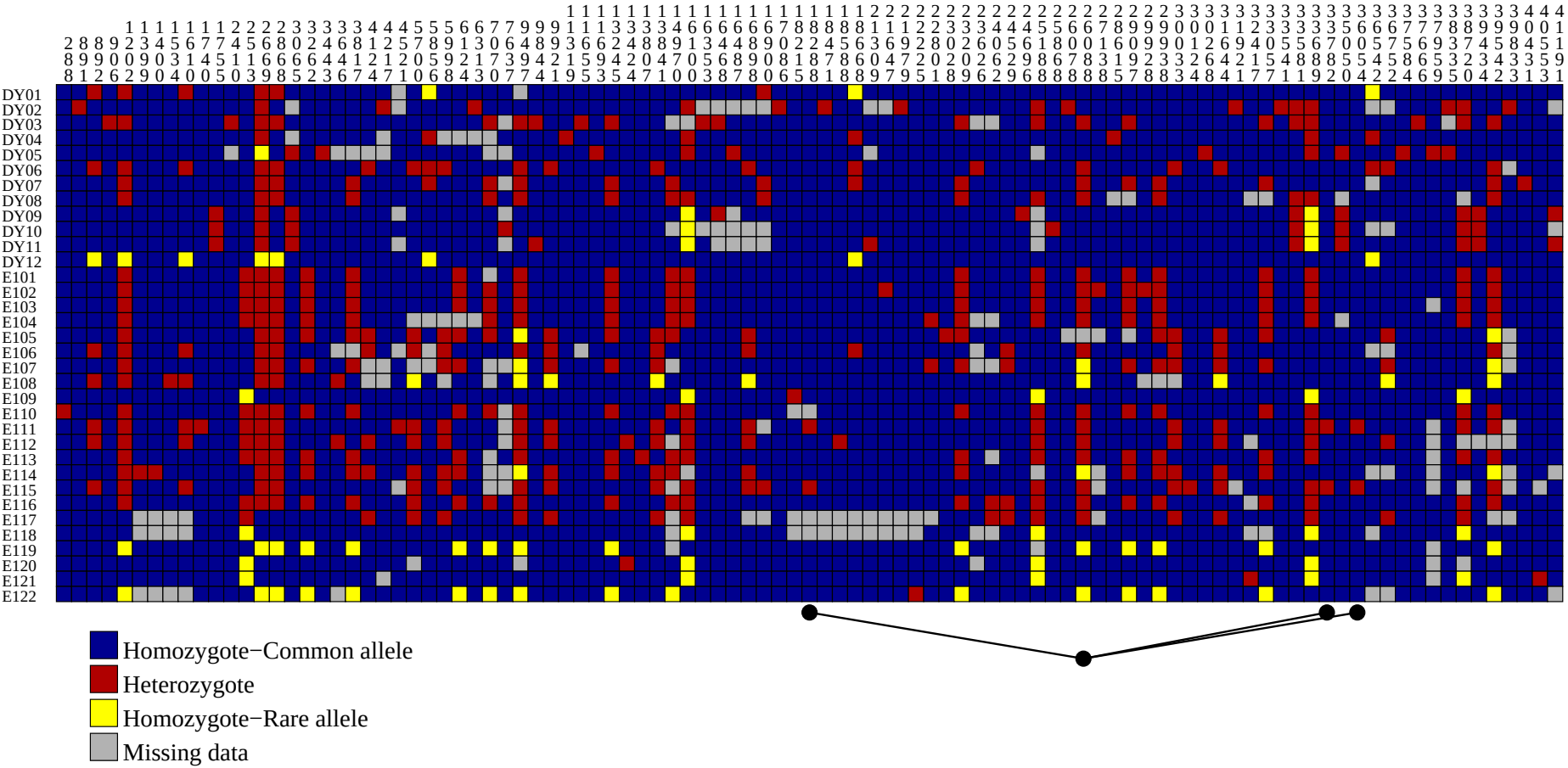
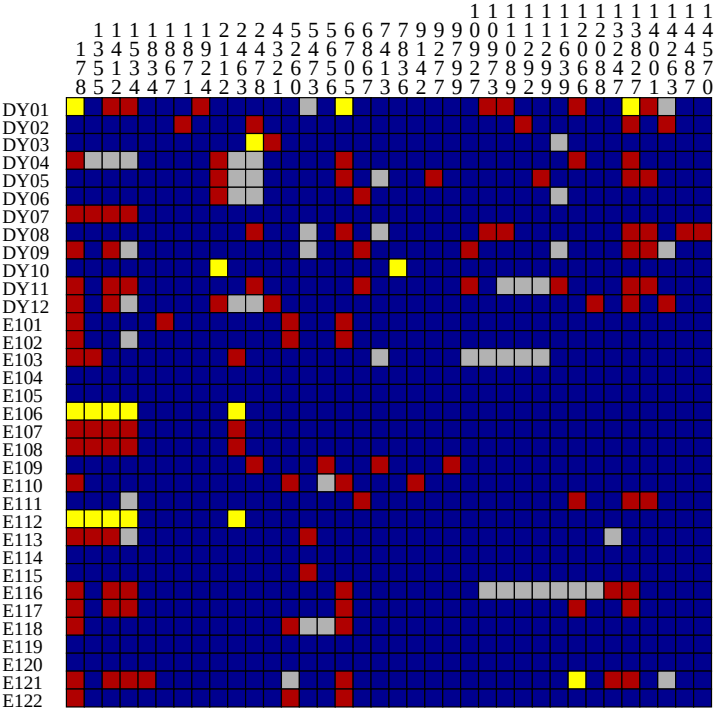


mpo, p−value: 0.581



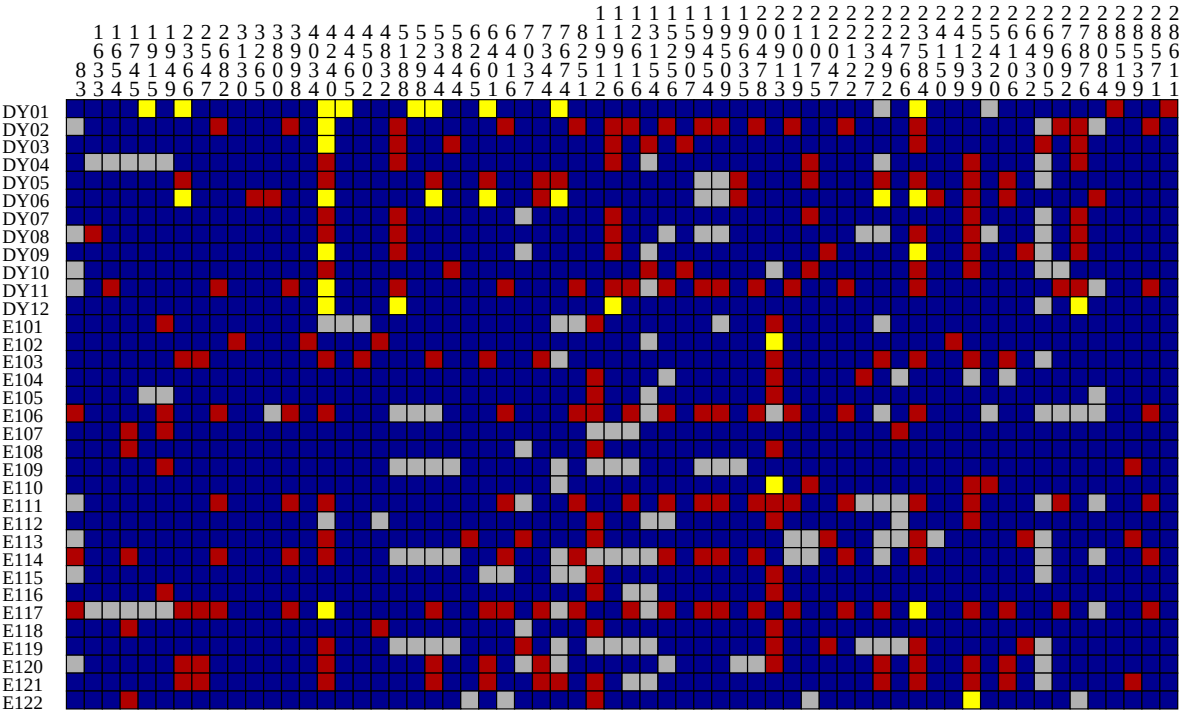
Homozygote−Common allele

Heterozygote

Homozygote−Rare allele

Missing data

msh5, p−value: 0.7106



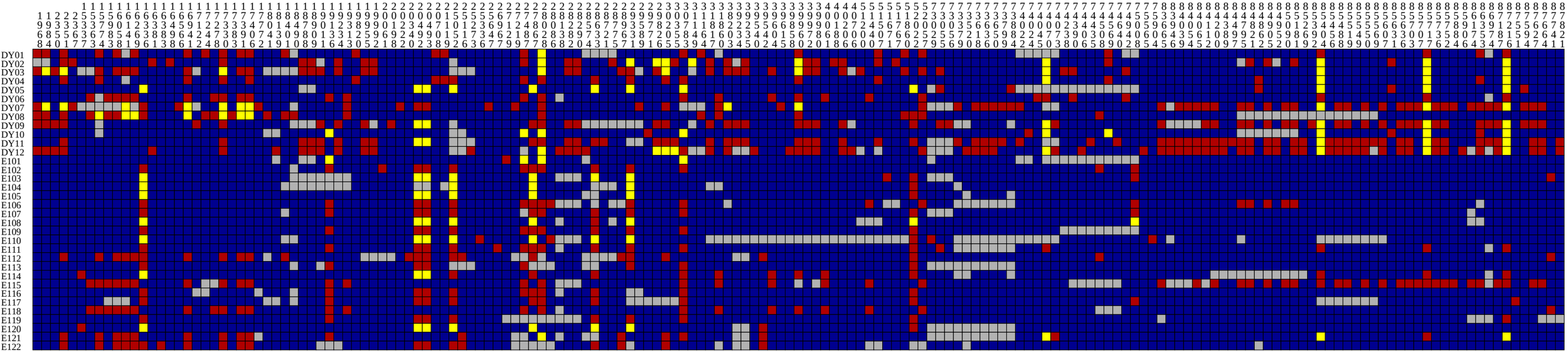
Homozygote−Common allele

Heterozygote

Homozygote−Rare allele

Missing data

msr1, p−value: 0.9372



Homozygote−Common allele

Heterozygote

Homozygote−Rare allele

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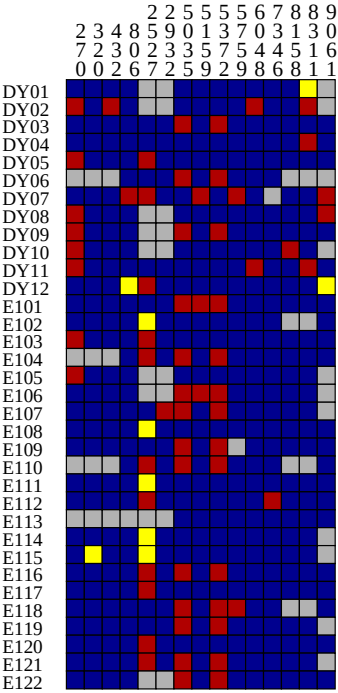
ngb, p−value: 0.4216



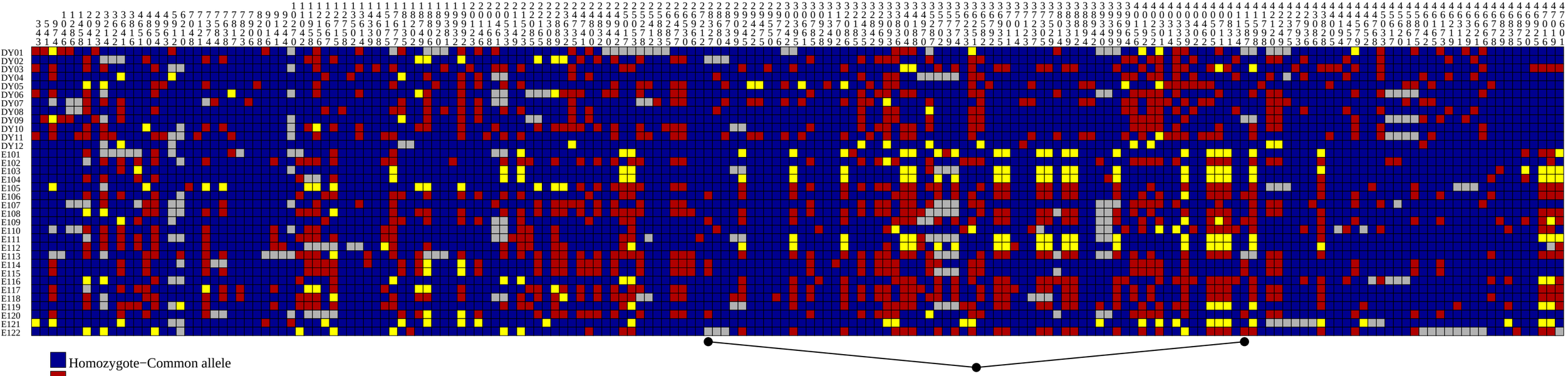
Homozygote−Common al

Heterozygote

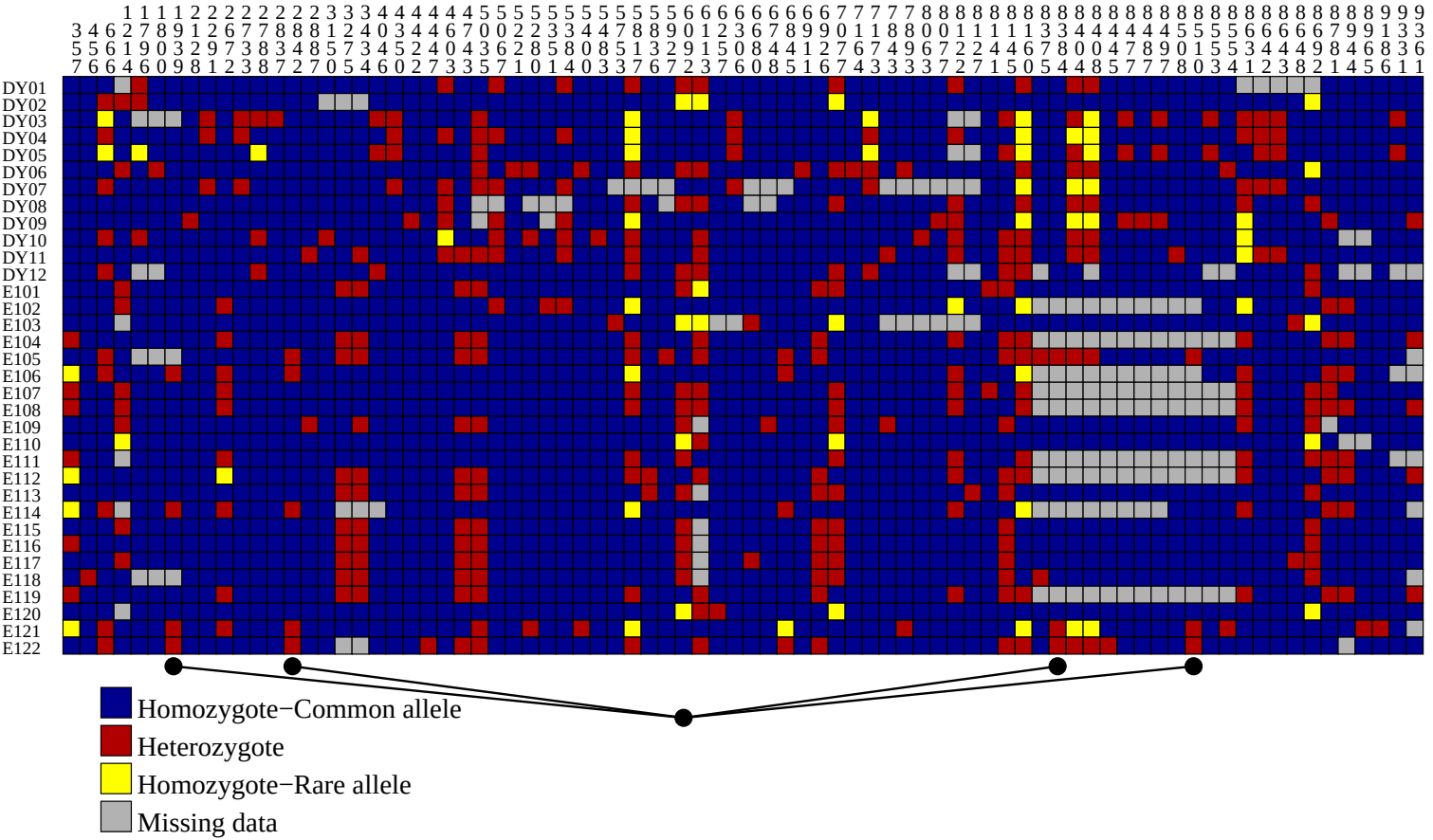
Homozygote−Rare allele

Missing data

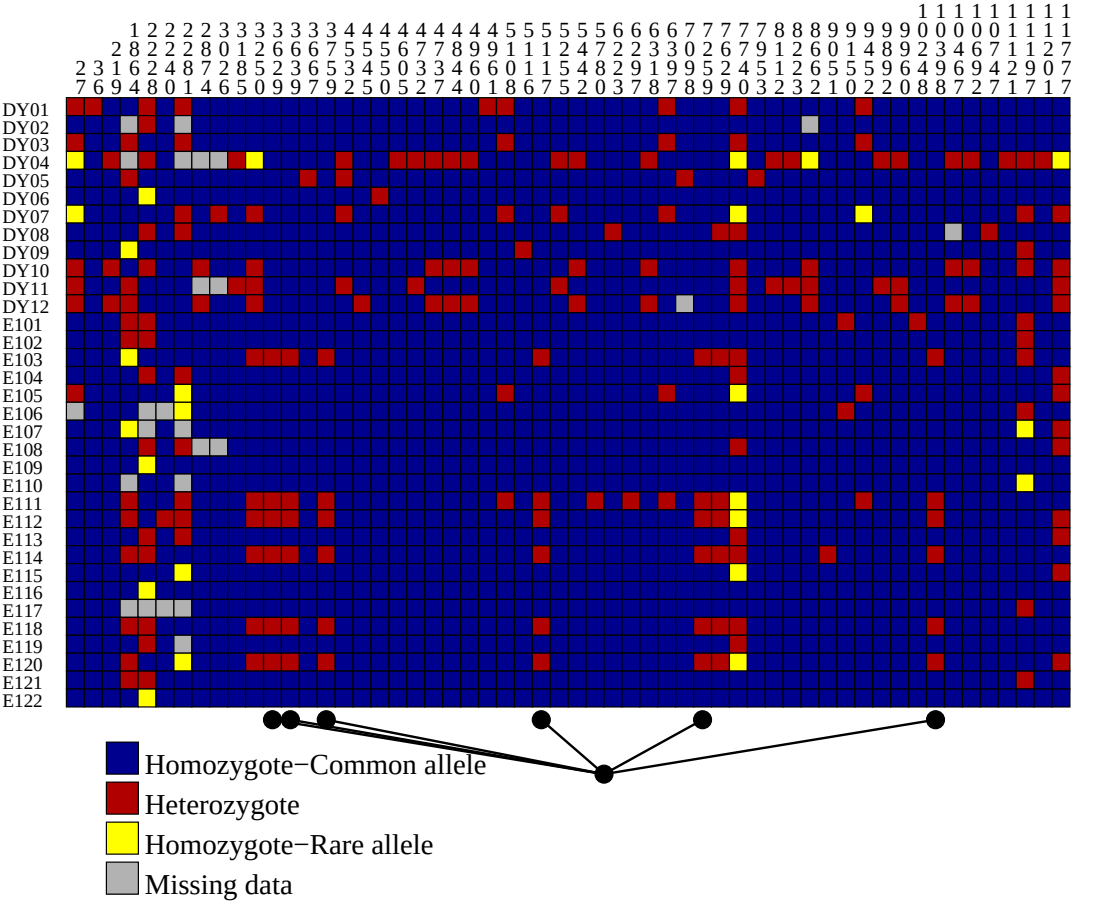
nos2a, p−value: 0.8476



nudt1, p−value: 0.11



odc1, p−value: 0.0416



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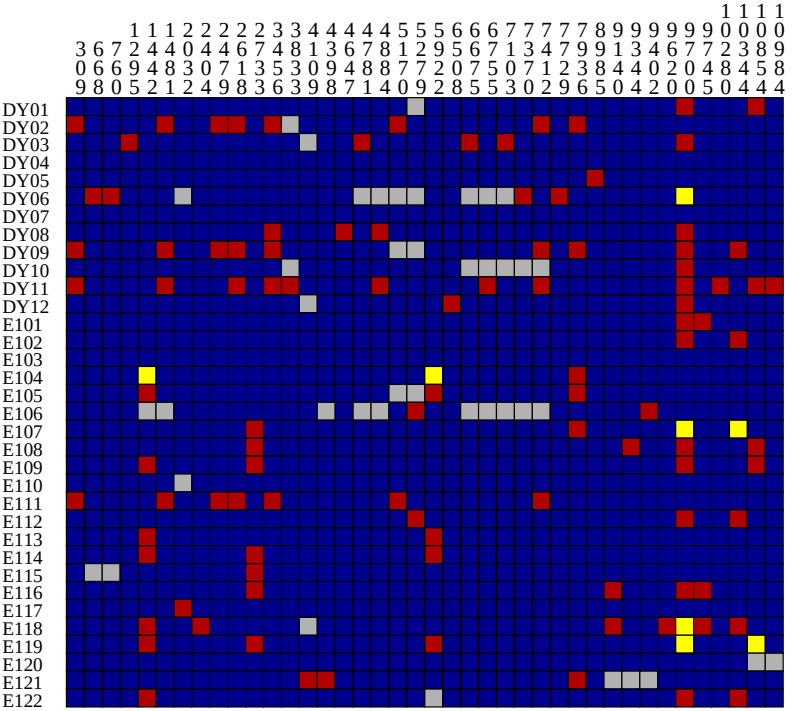

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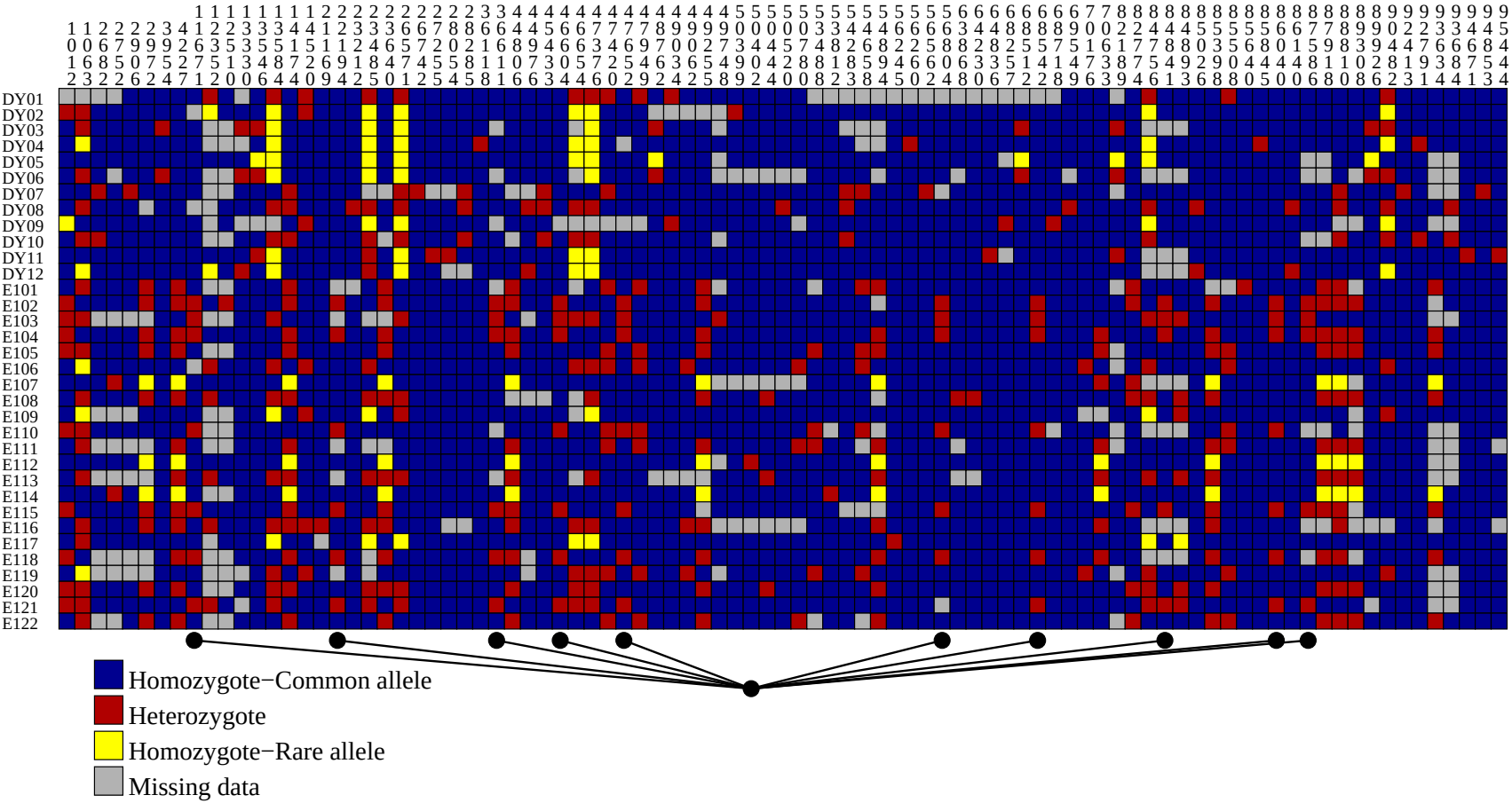
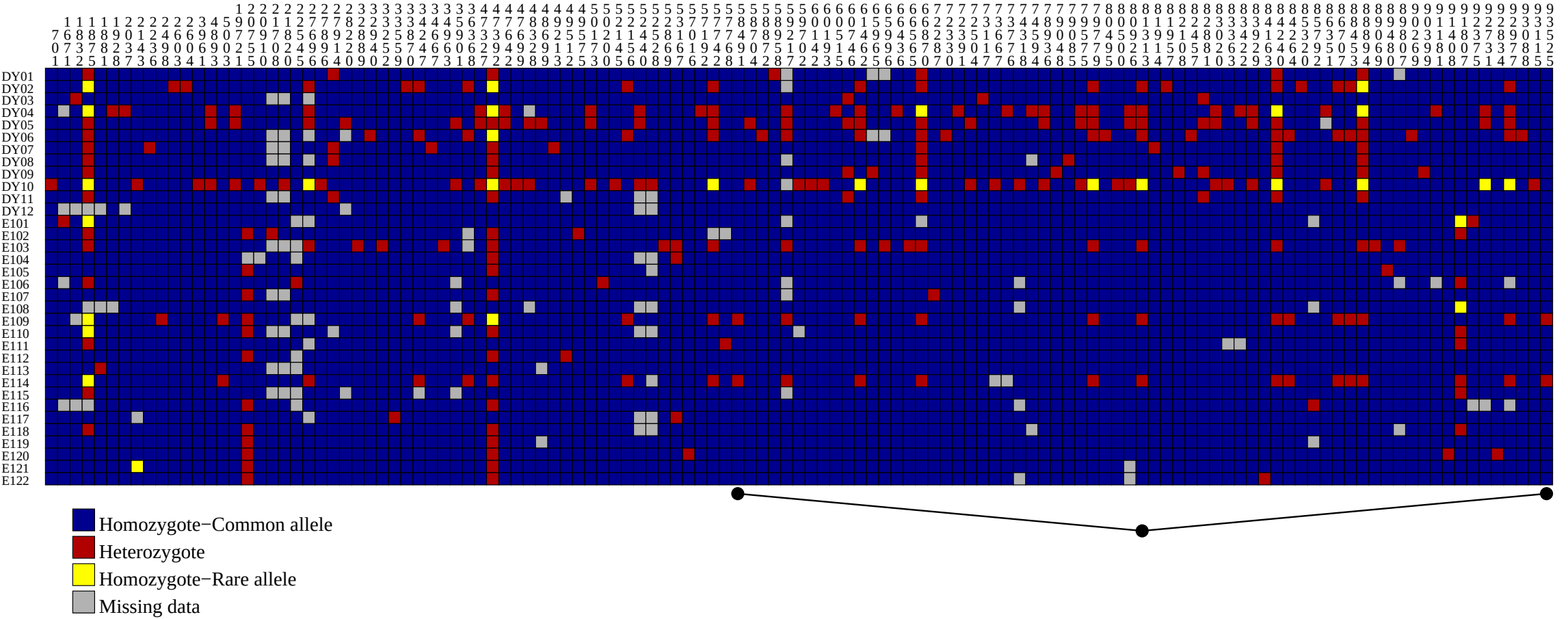


oxsr1, p−value: 0.2496



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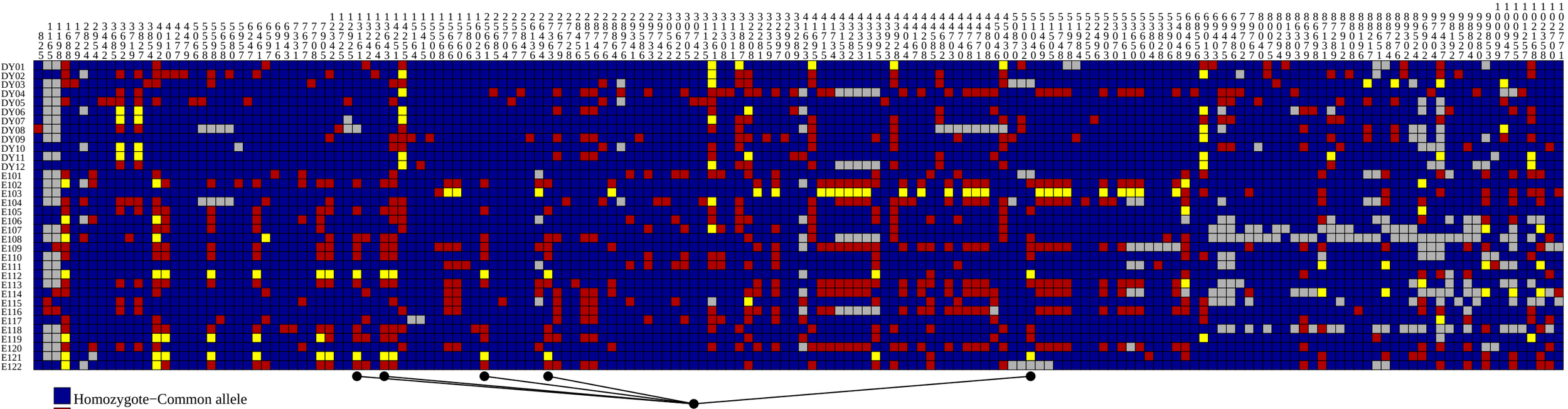
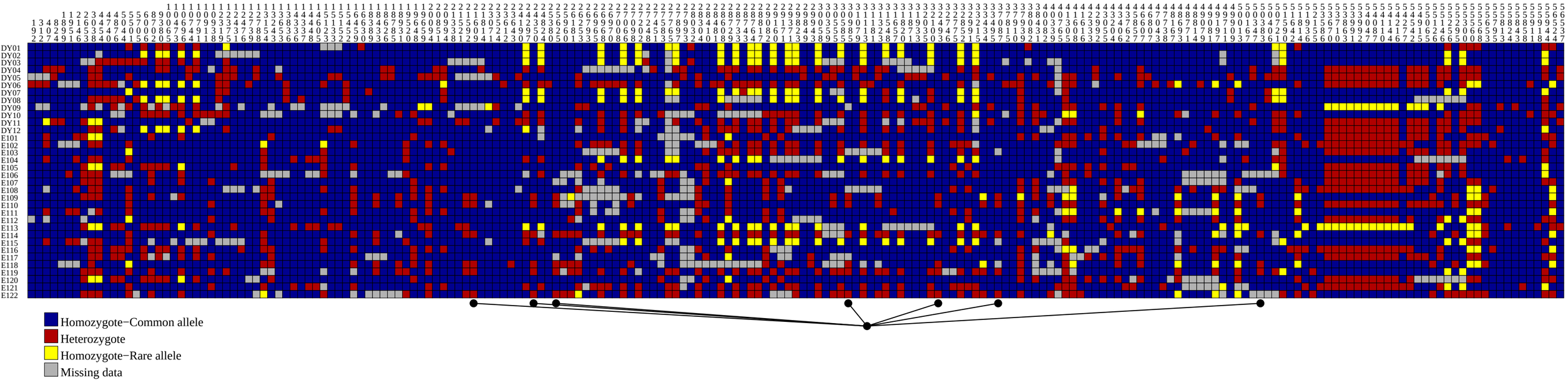
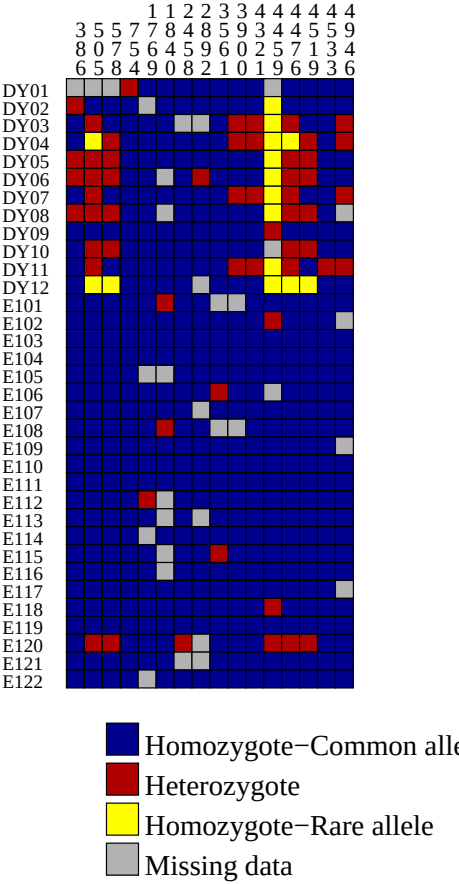


pdlim1, p−value: 0.2652



pold4, p−value: 0.4422



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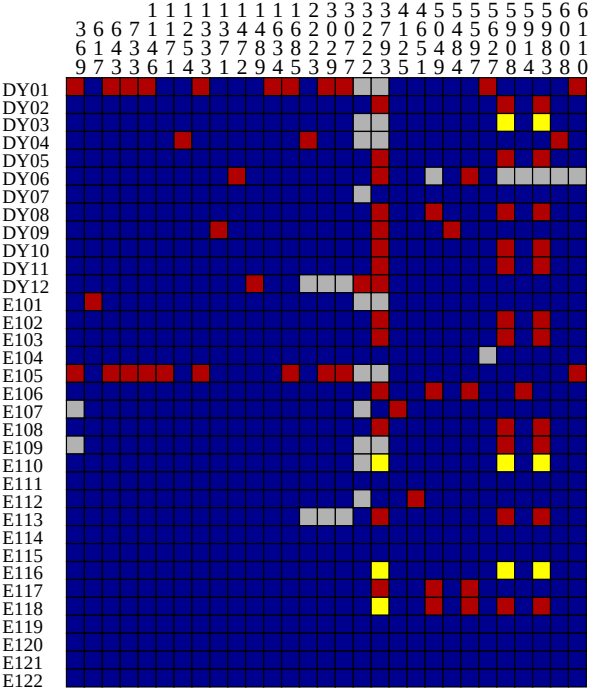


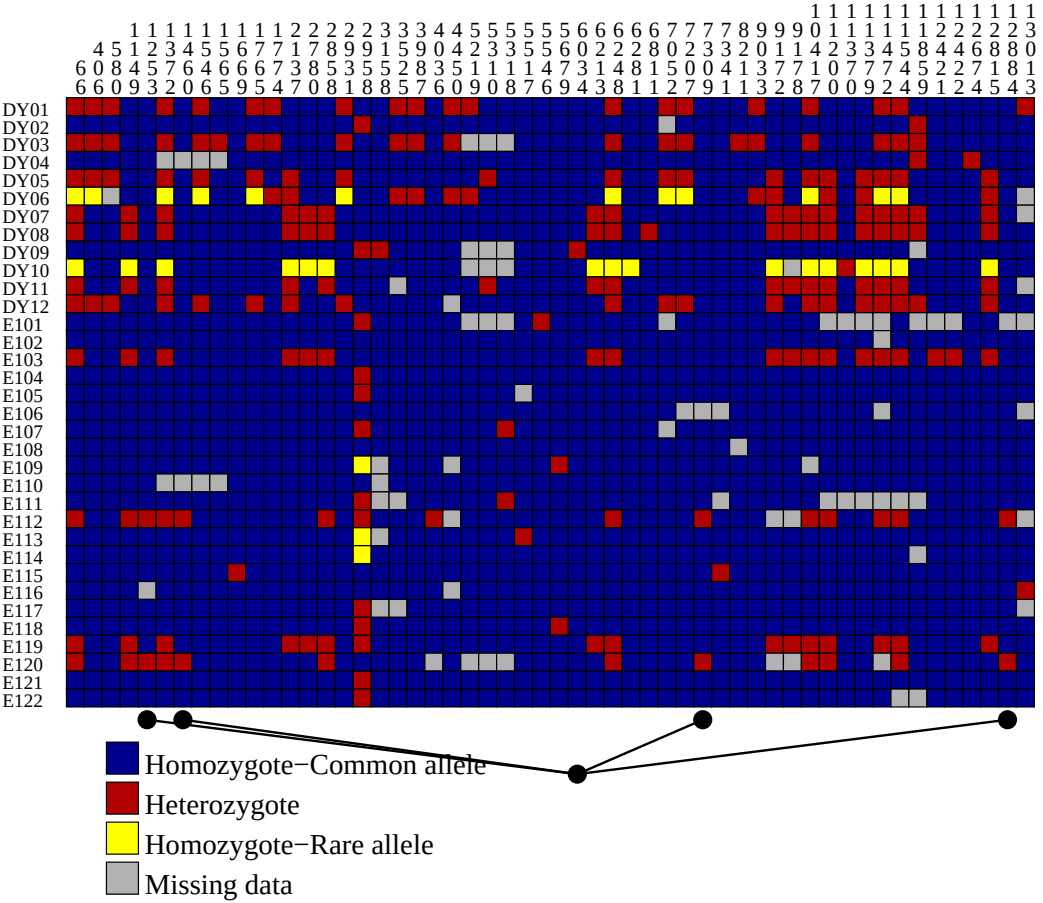
Homozygote−Common allele

Heterozygote

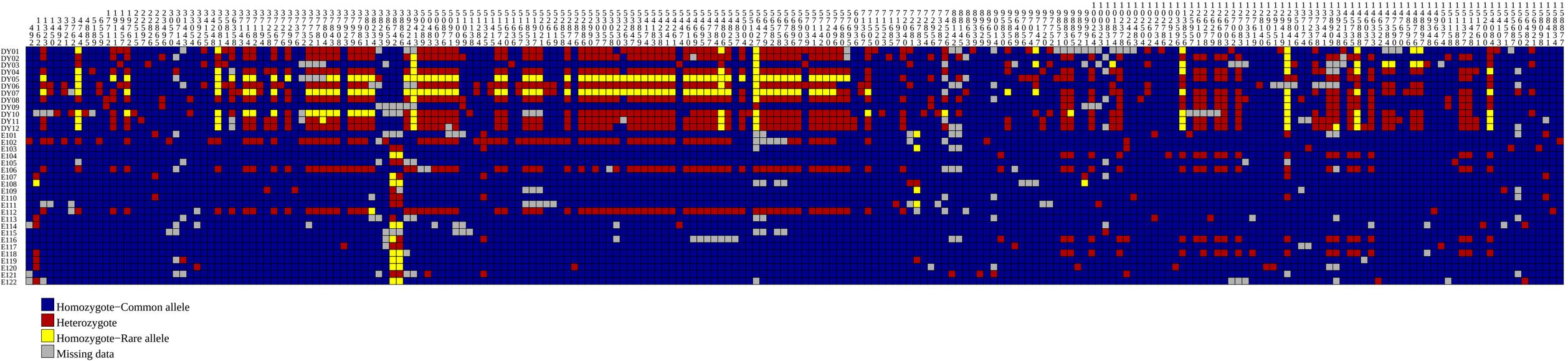
Homozygote−Rare allele

Missing data

polm, p−value: 0.055



poln, p−value: 0.962



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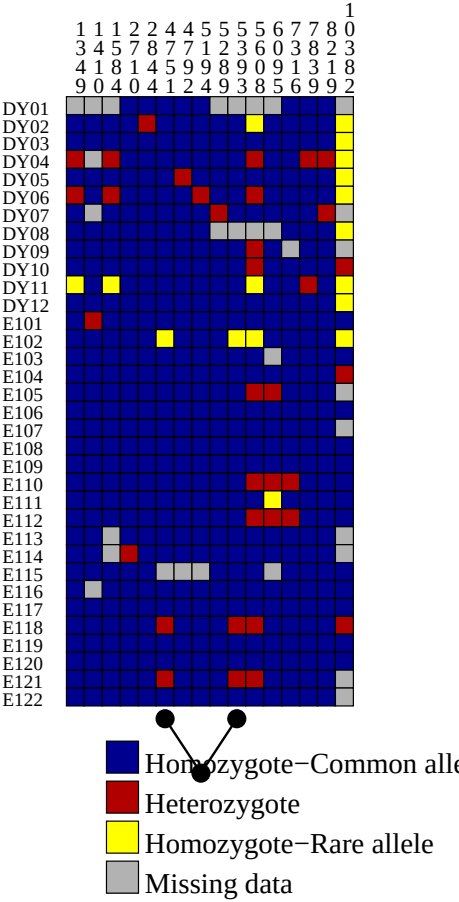

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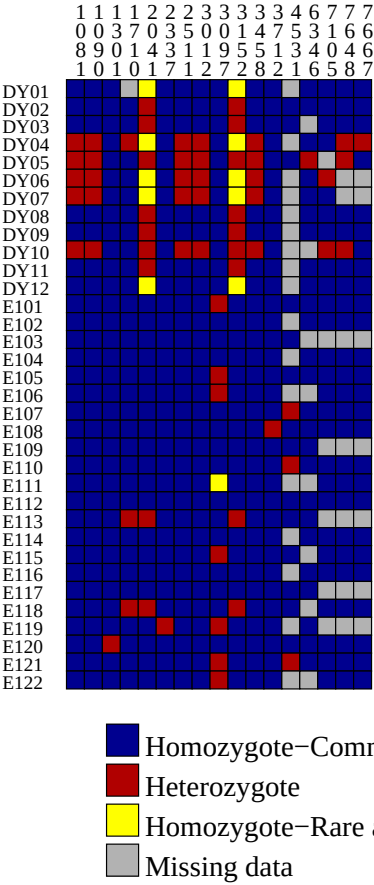

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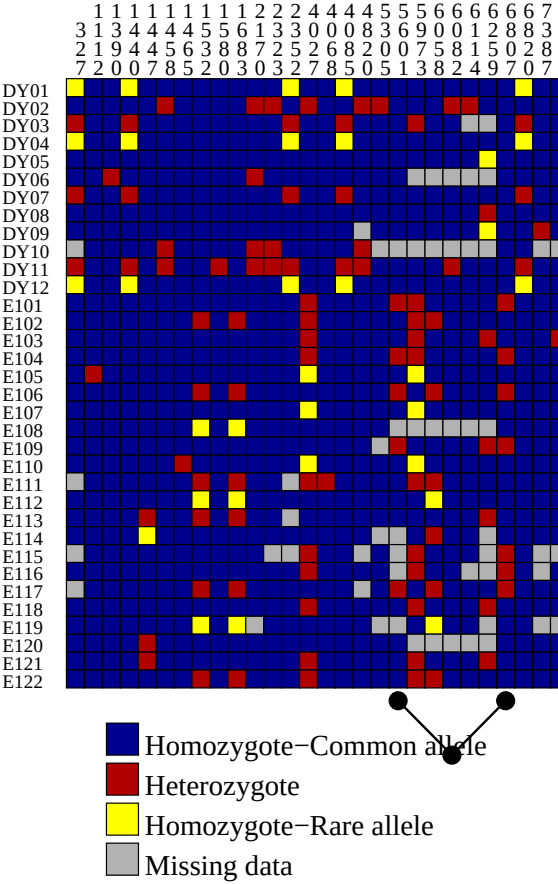

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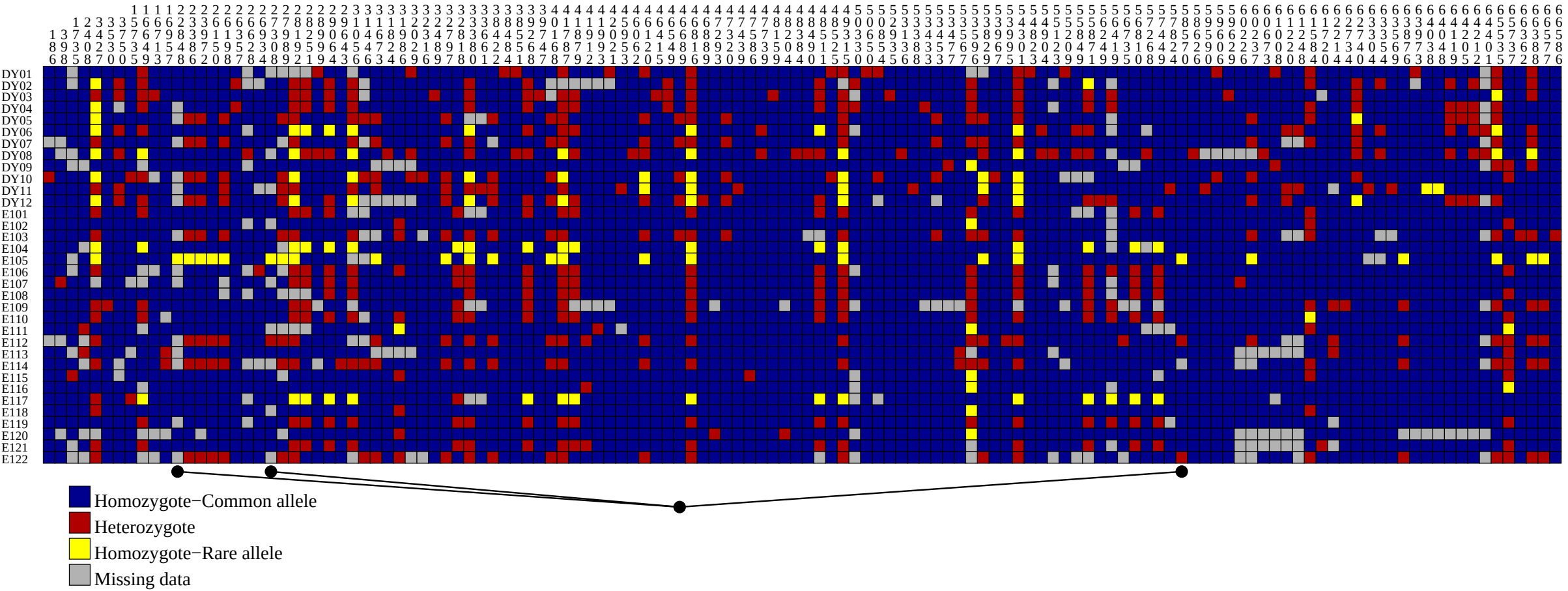

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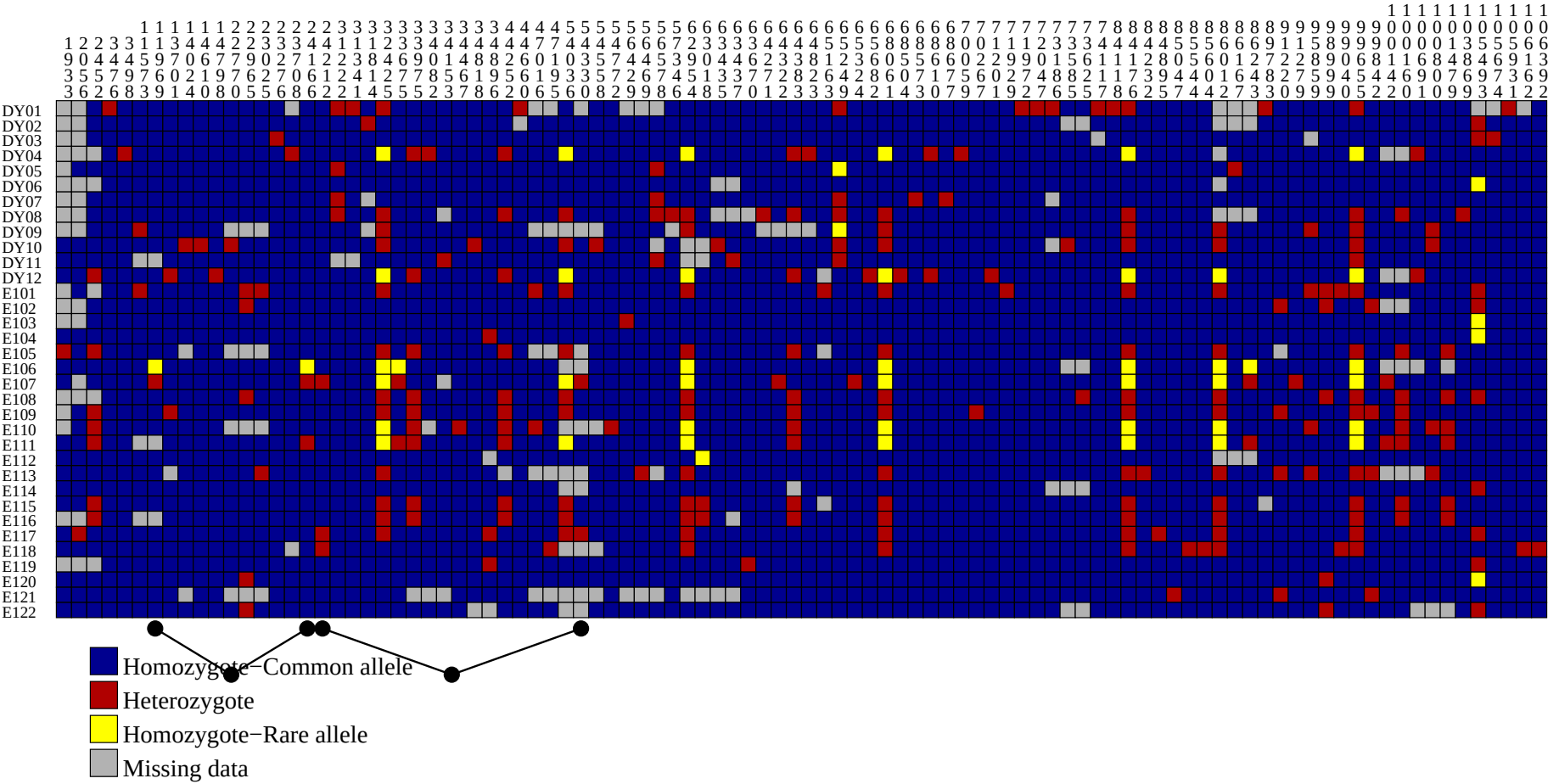
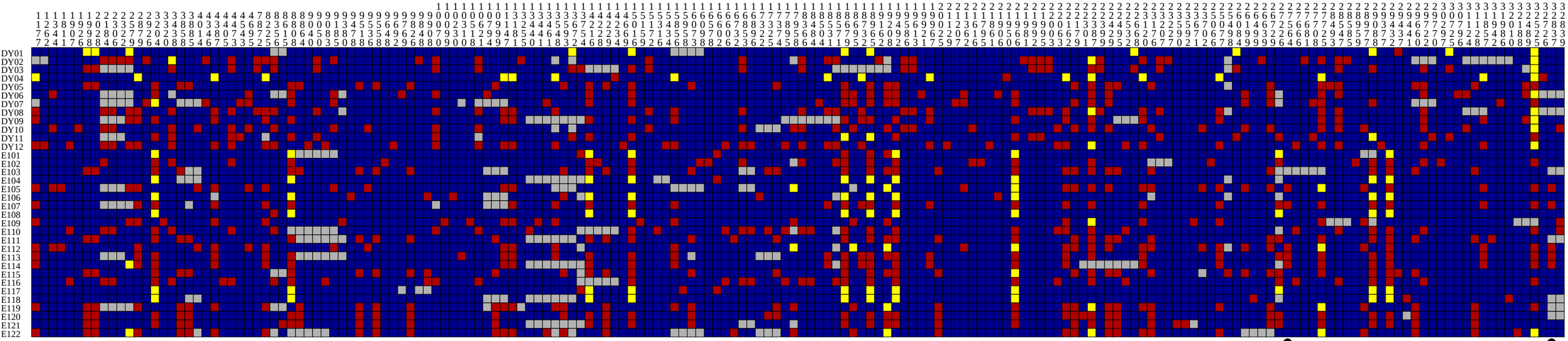
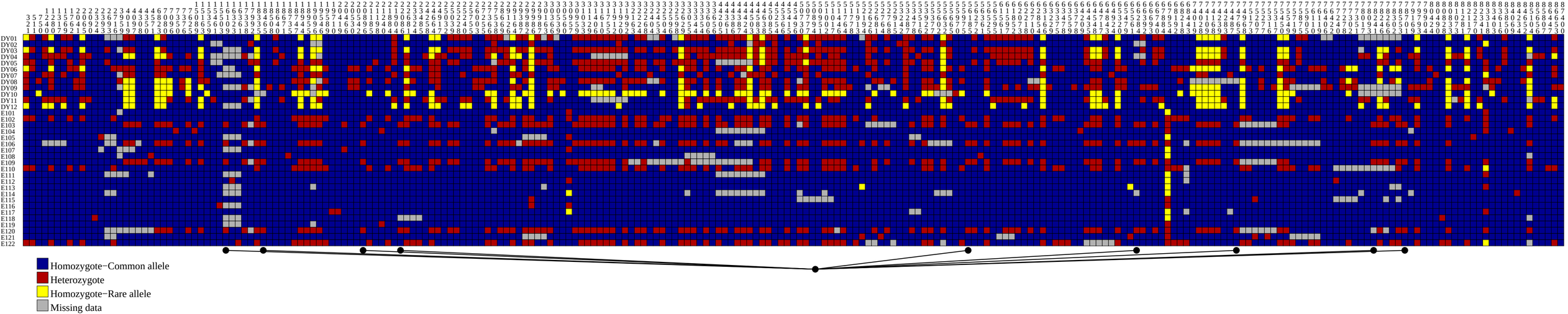


rac1, p−value: 0.8914

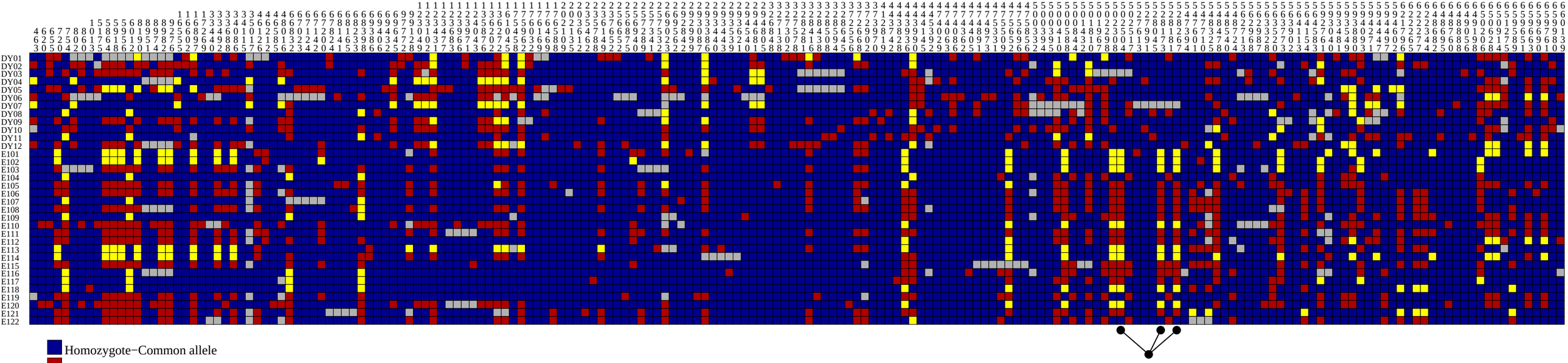


Homozygote−Common allele
Heterozygote
Homozygote−Rare allele
Missing data

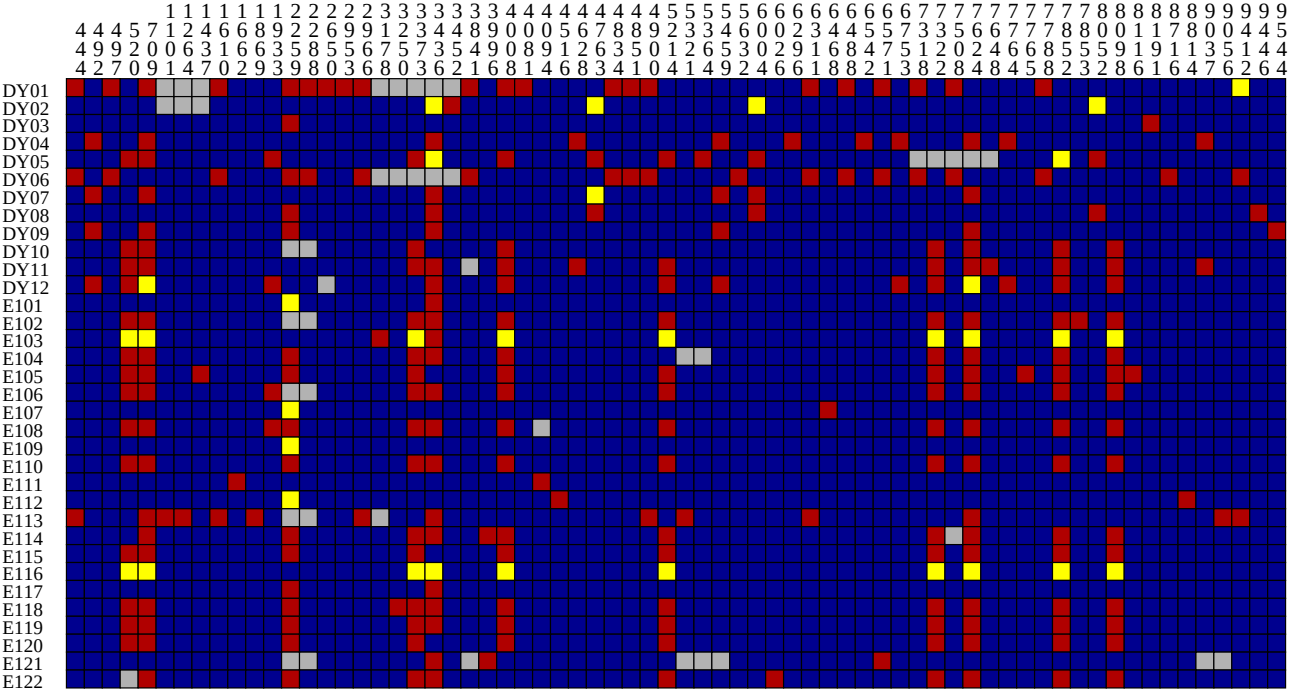
rad18, p−value: 0.0362



rad51l1, p−value: 0.4884



recql4, p−value: 0.7632



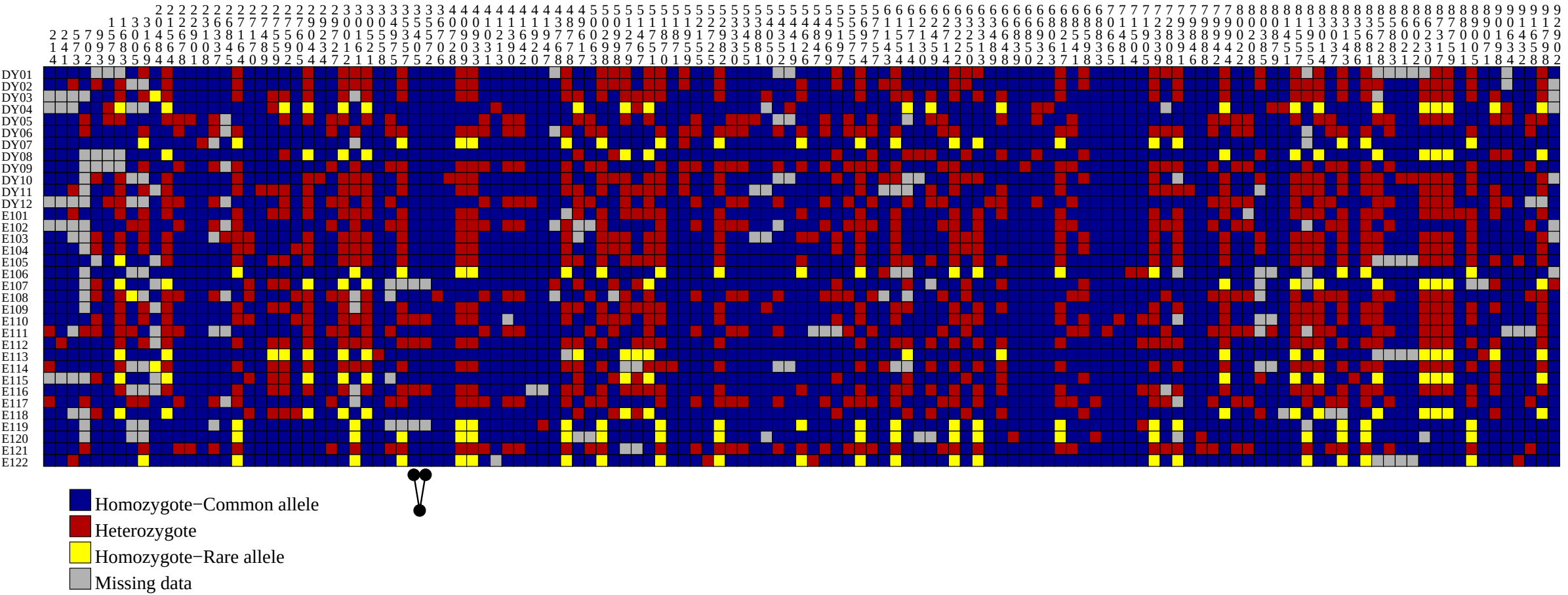
Homozygote−Common allele

Heterozygote

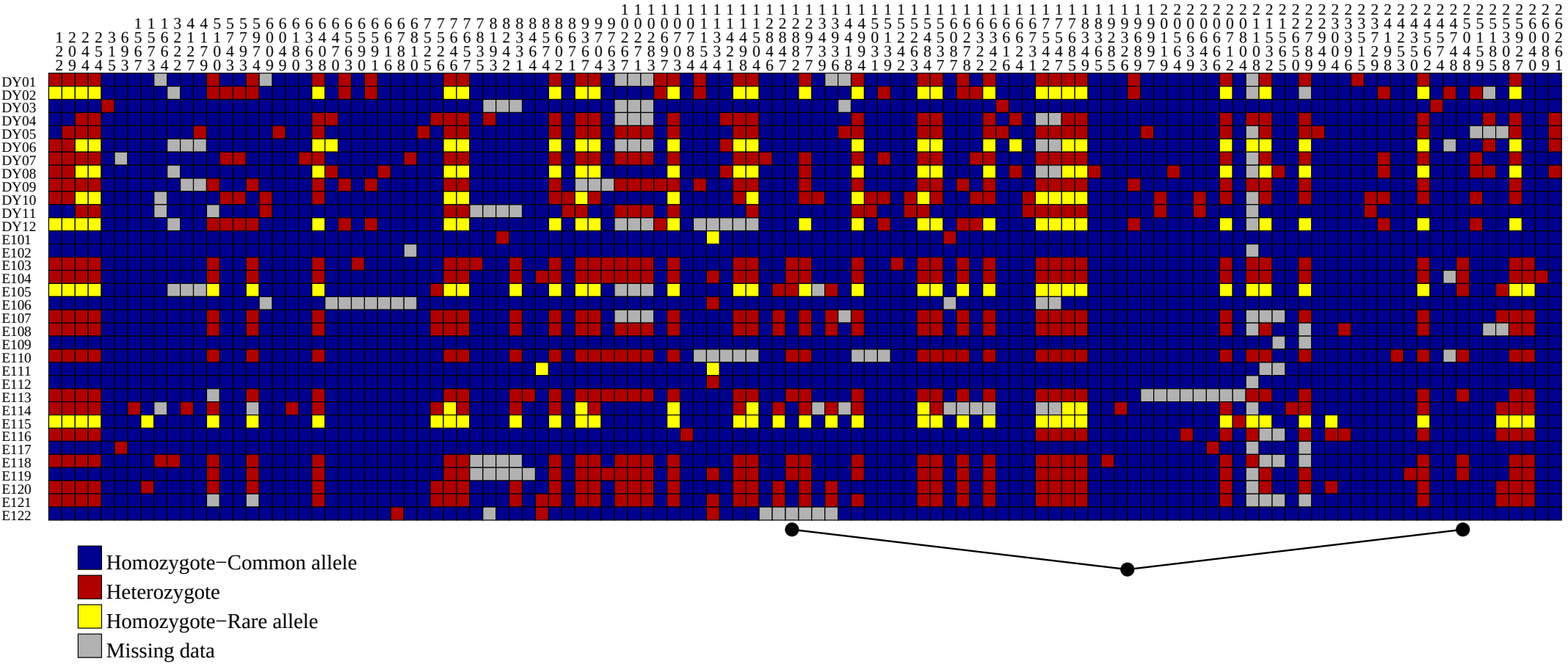
Homozygote−Rare allele

Missing data

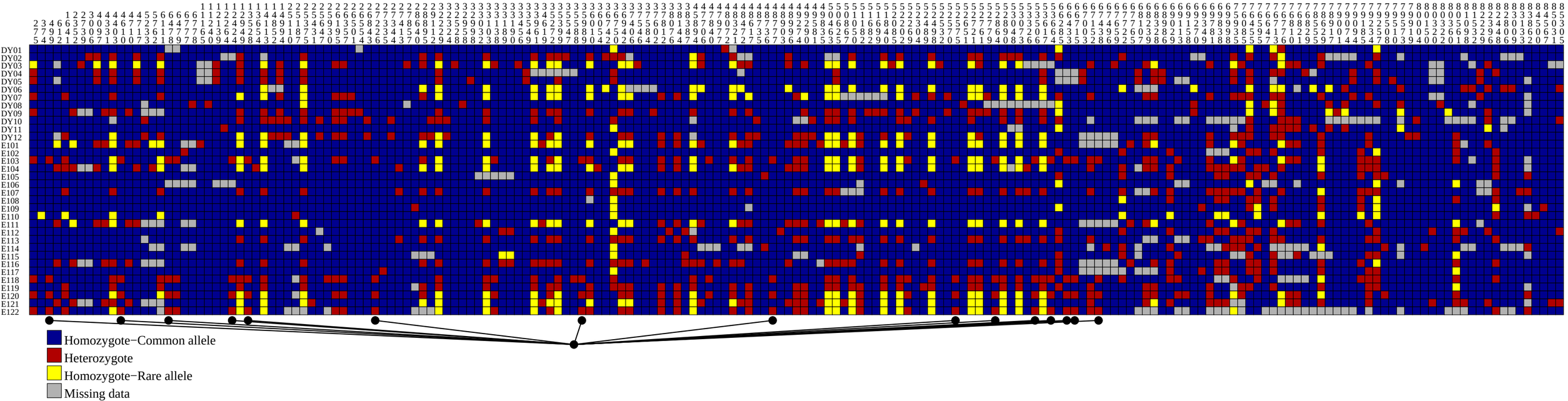
rev1l, p−value: 0.8328



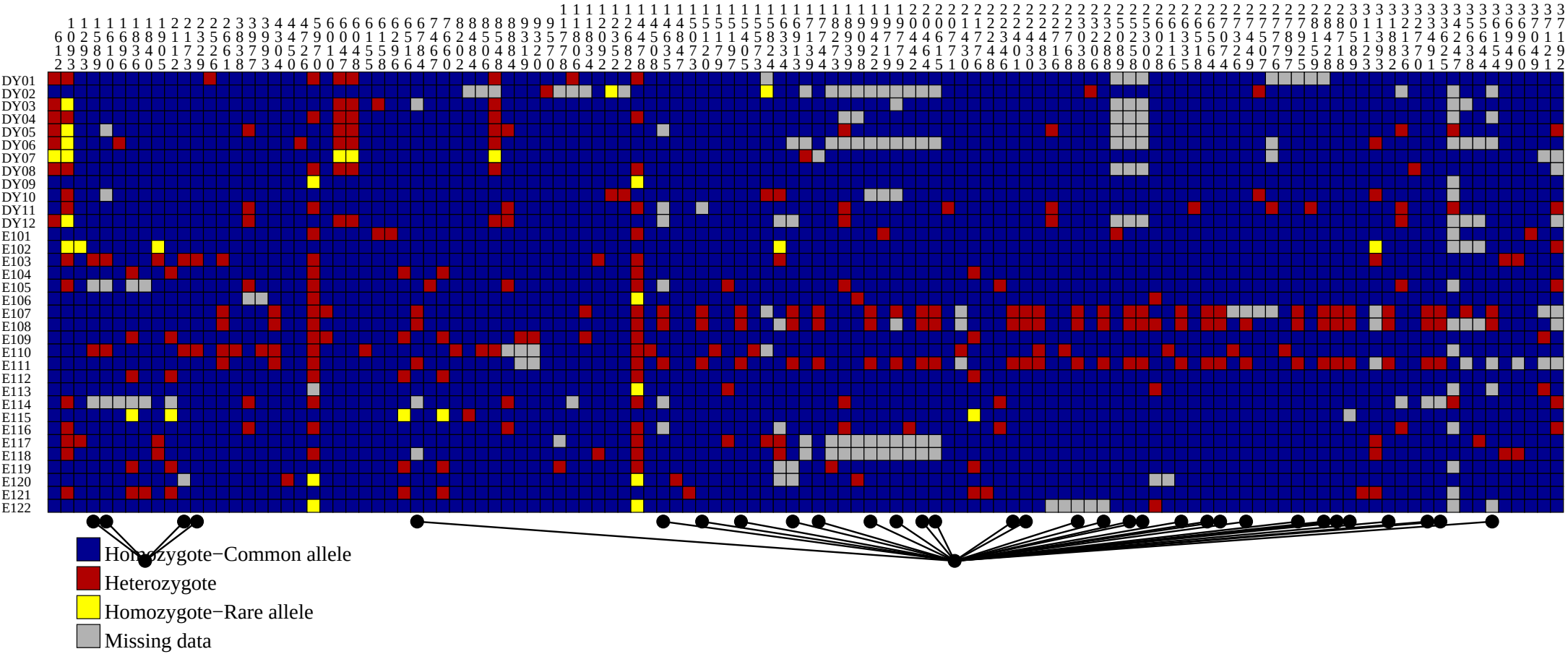
rpa2, p−value: 0.562



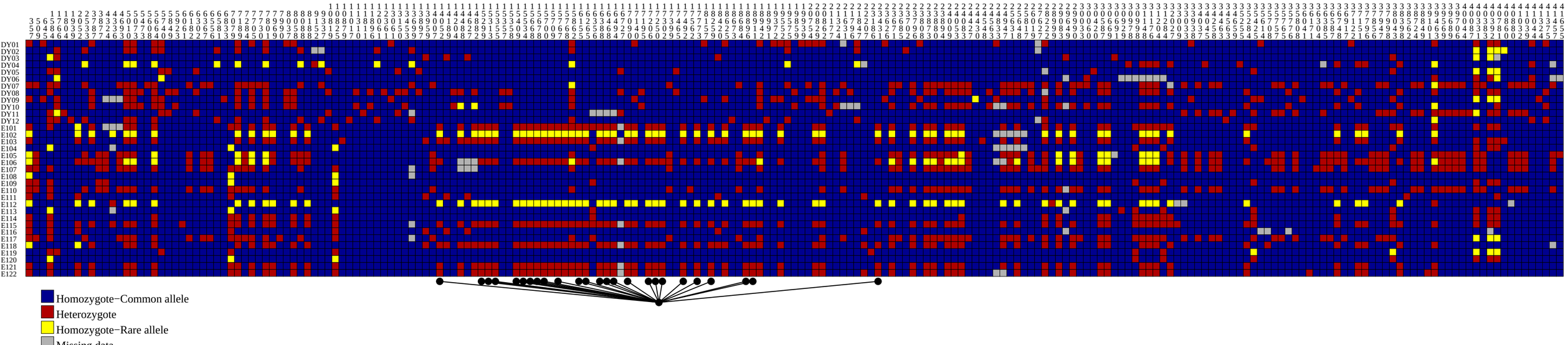
rpa3, p−value: 0.0052



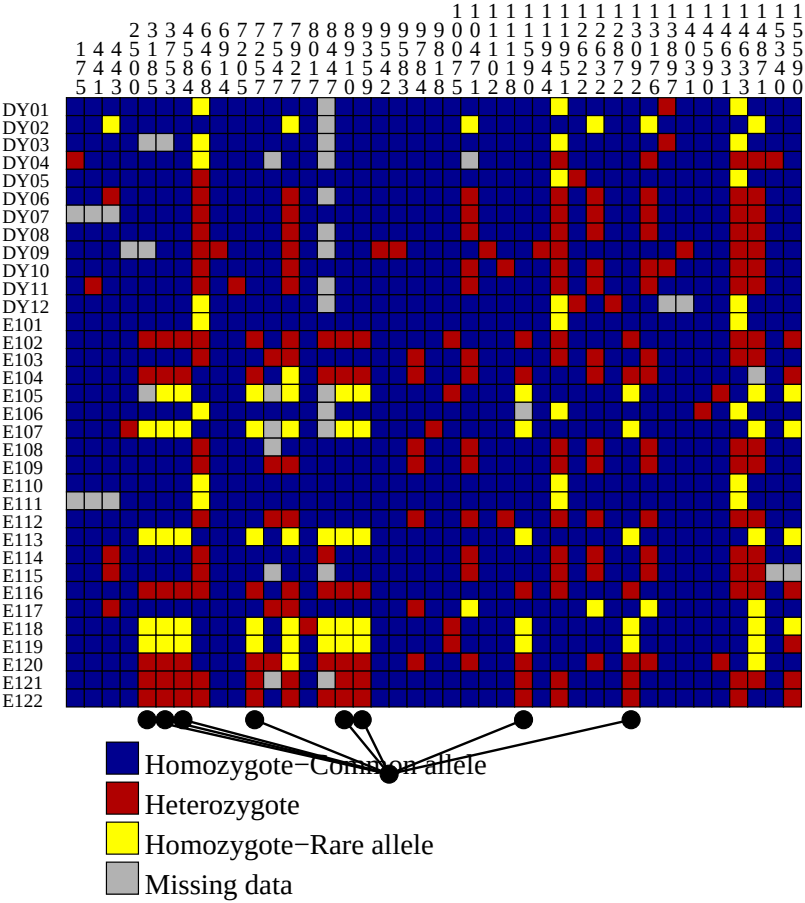
rrm2b, p−value: 0.0018



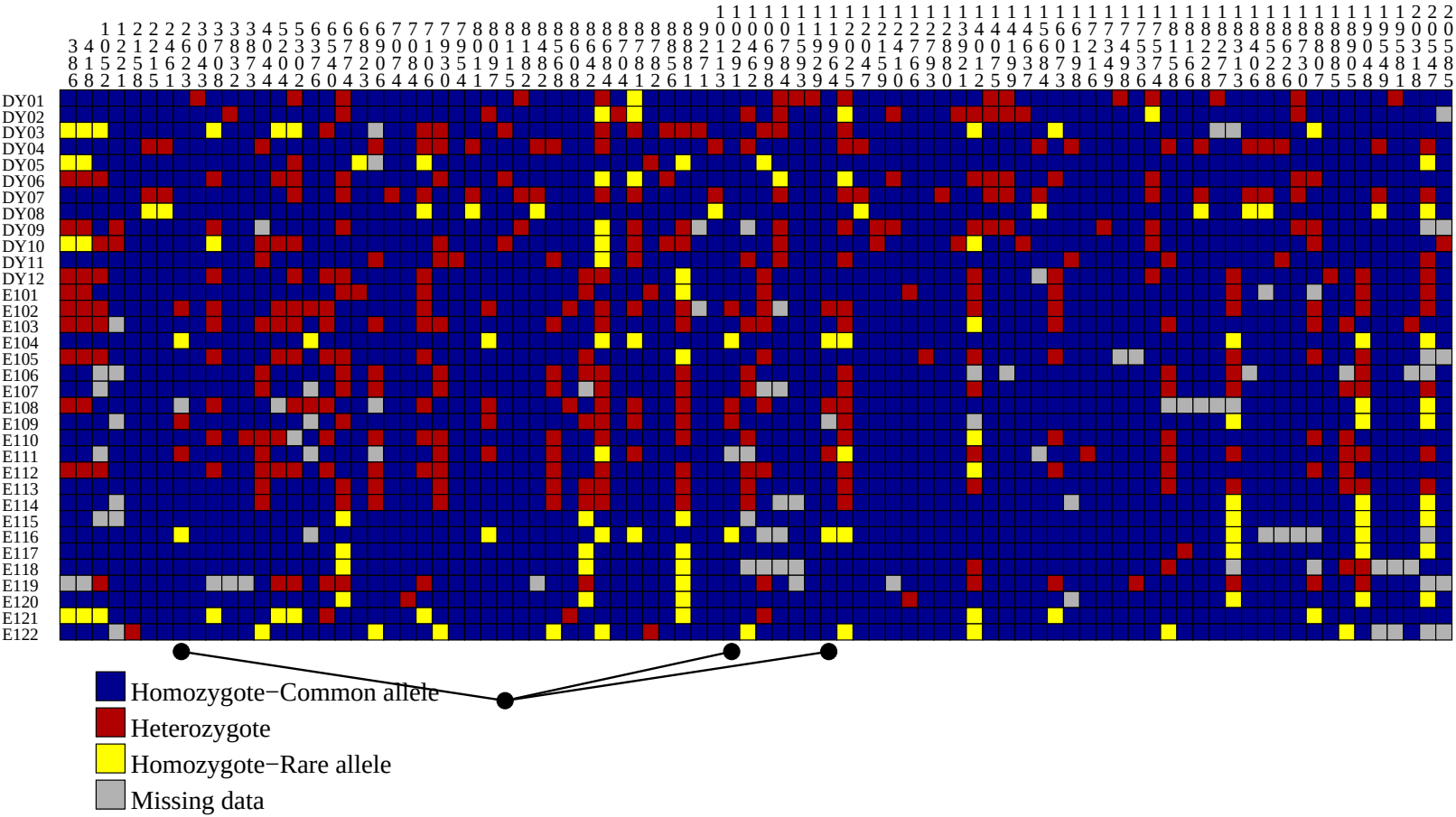
scara3, p−value: 0.0322



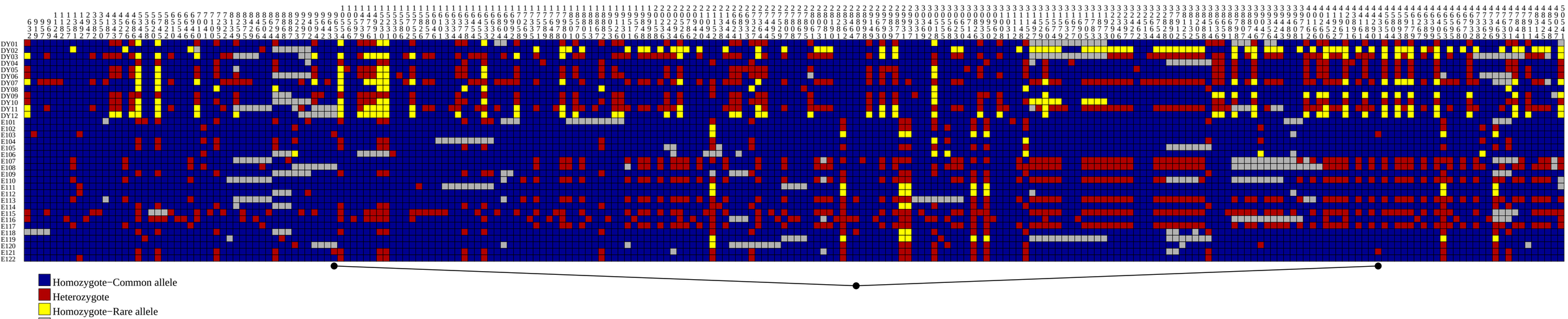
sepp1, p−value: 0.014



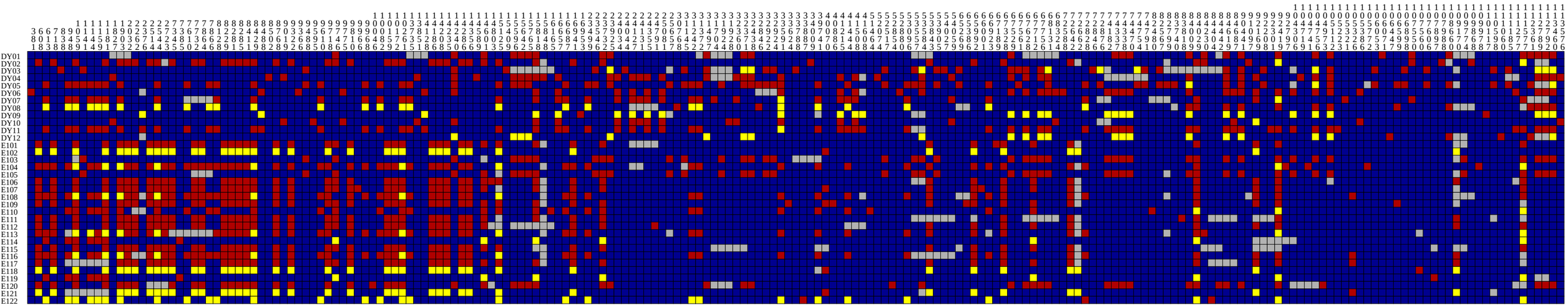
slc4a2, p−value: 0.221



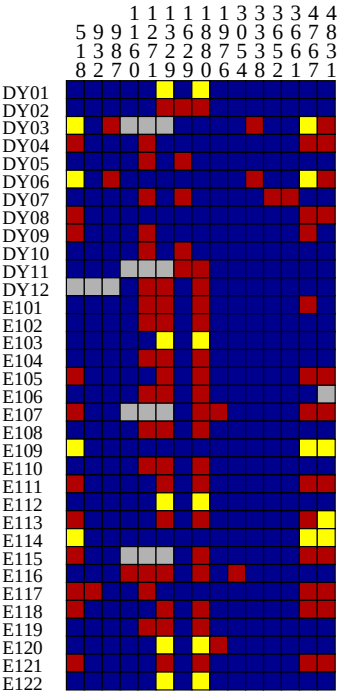
smarcb1, p−value: 0.5342



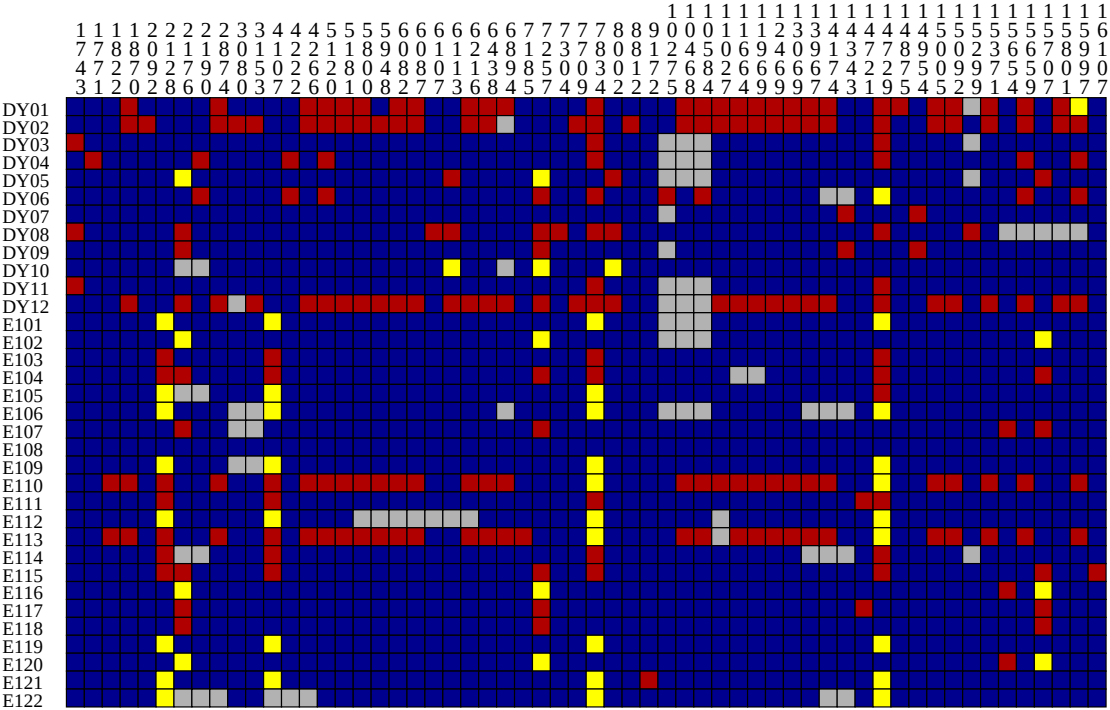
snca, p−value: 0.9632



sphar, p−value: 0.438



spo11, p−value: 0.689



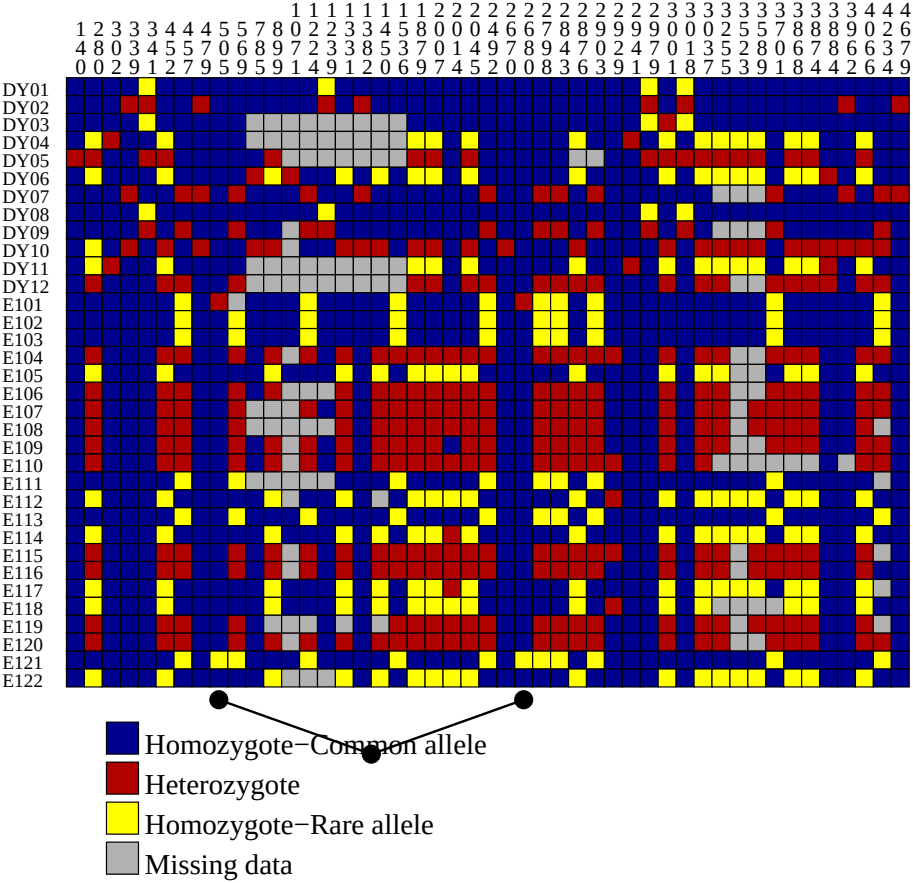
Homozygote−Common allele

Heterozygote

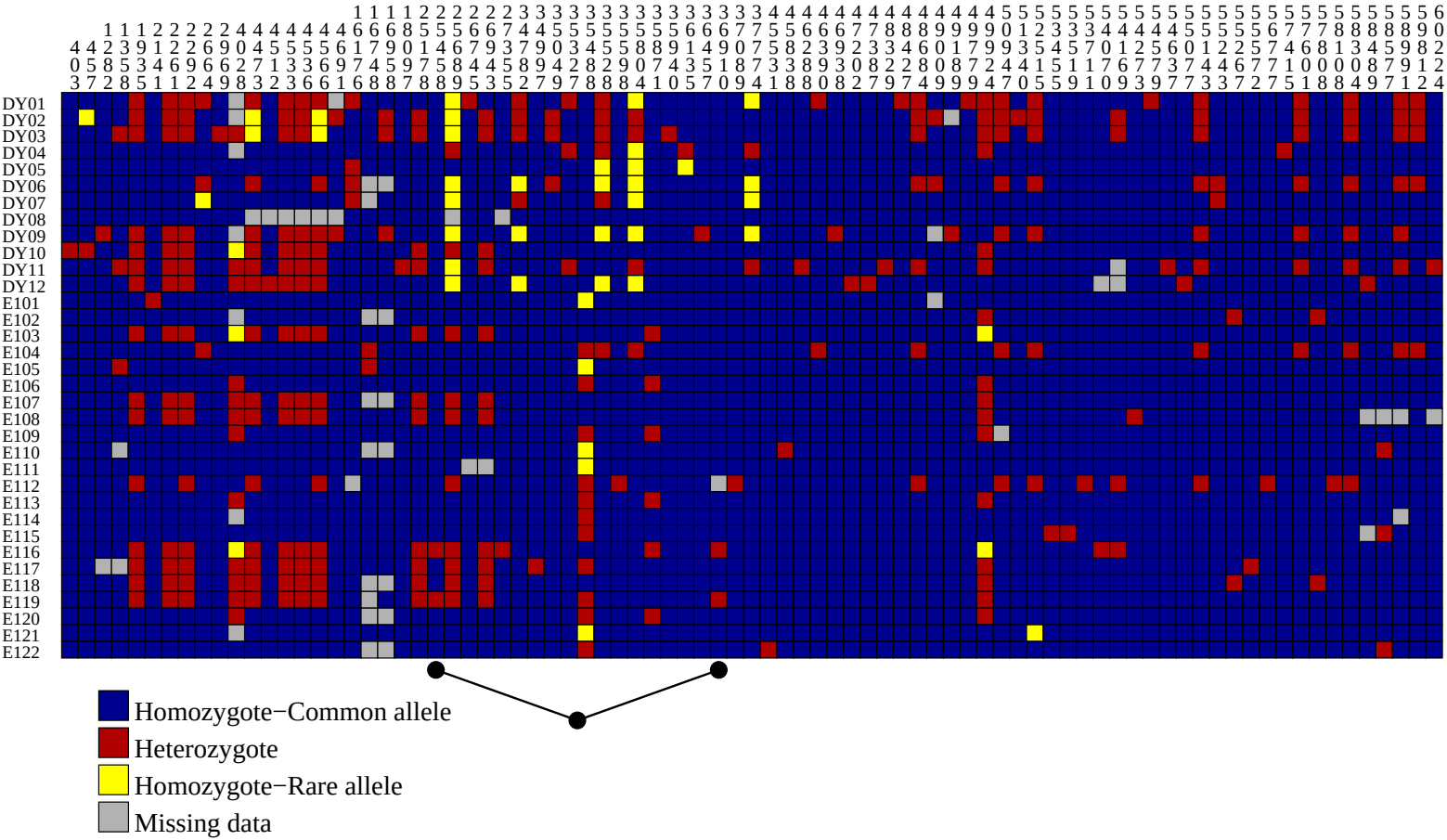
Homozygote−Rare allele

Missing data

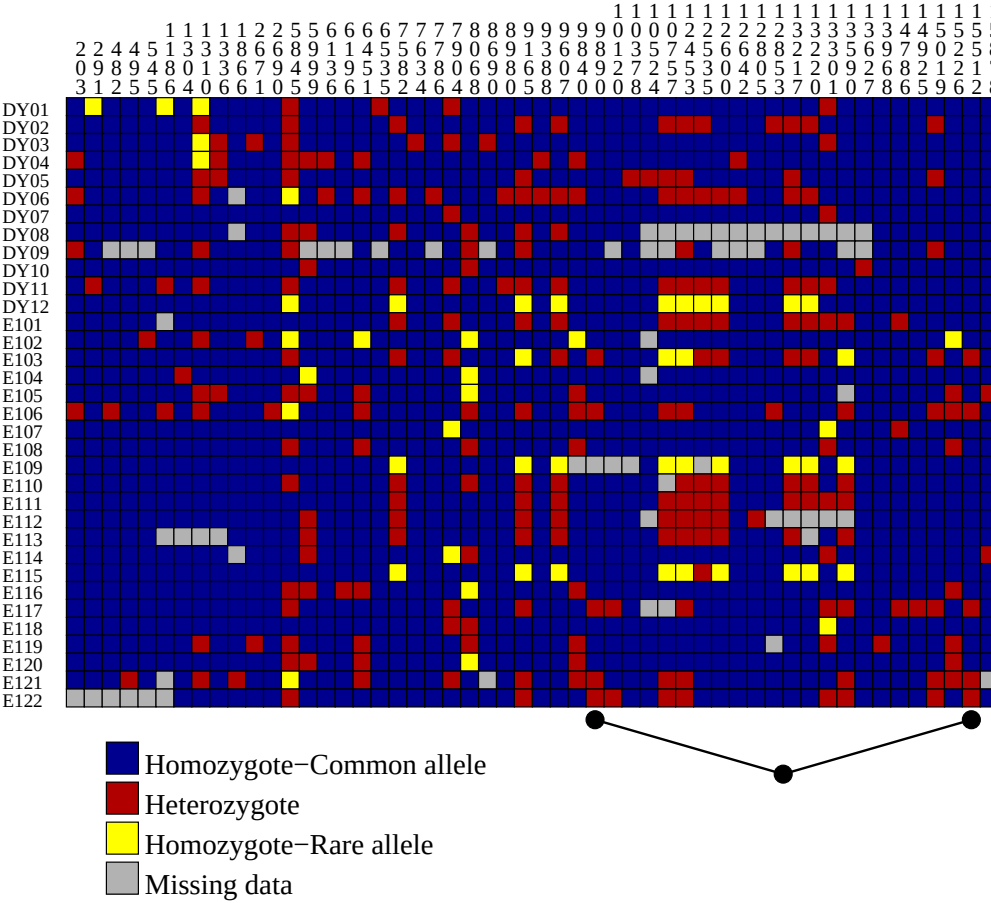
sprr3, p−value: 0.2414



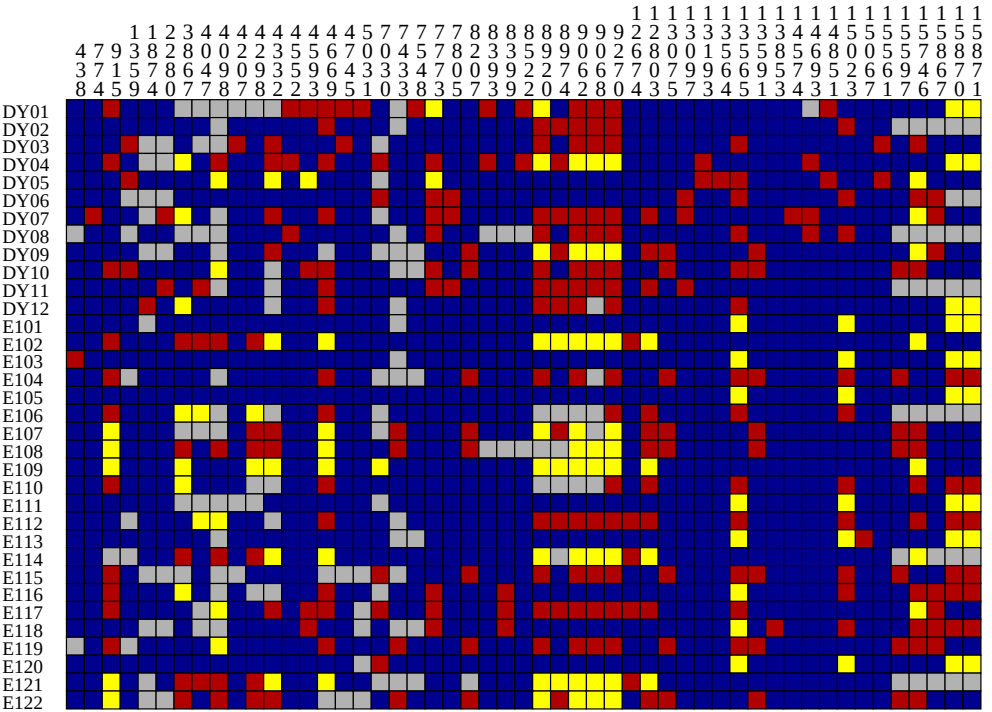
srd5a2, p−value: 0.3952



stk25, p−value: 0.333



tbxa2r, p−value: 0.6176



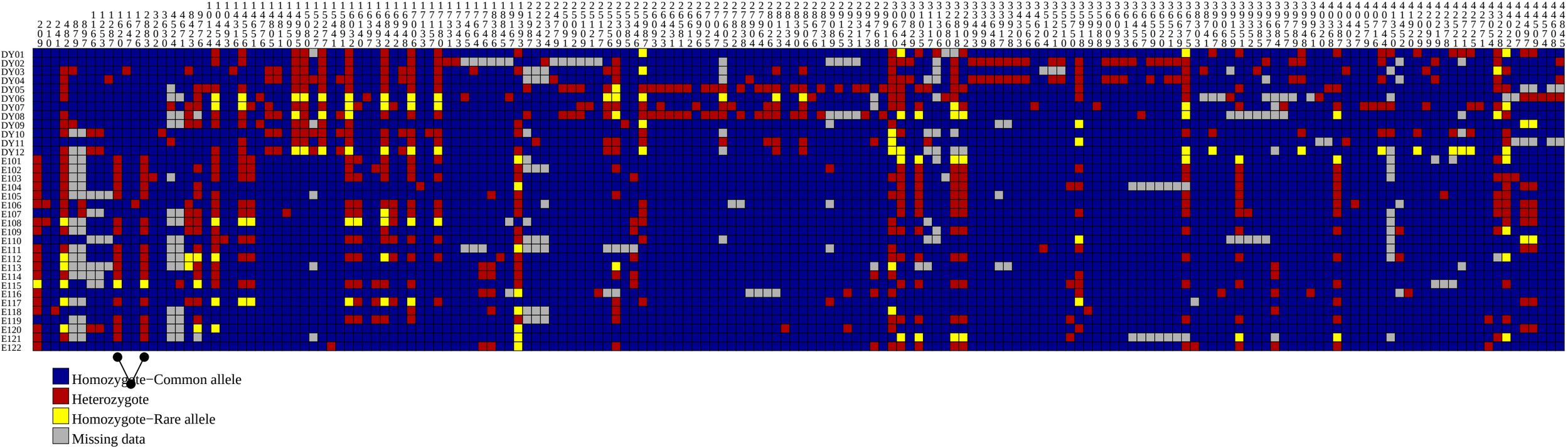
Homozygote−Common allele

Heterozygote

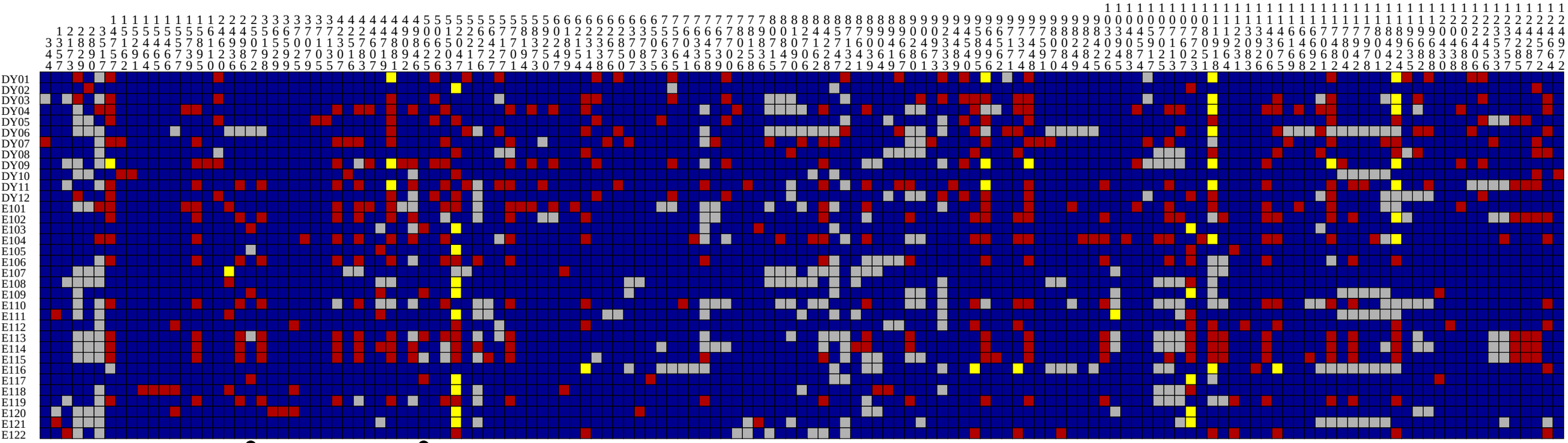
Homozygote−Rare allele

Missing data

tert, p−value: 0.8844

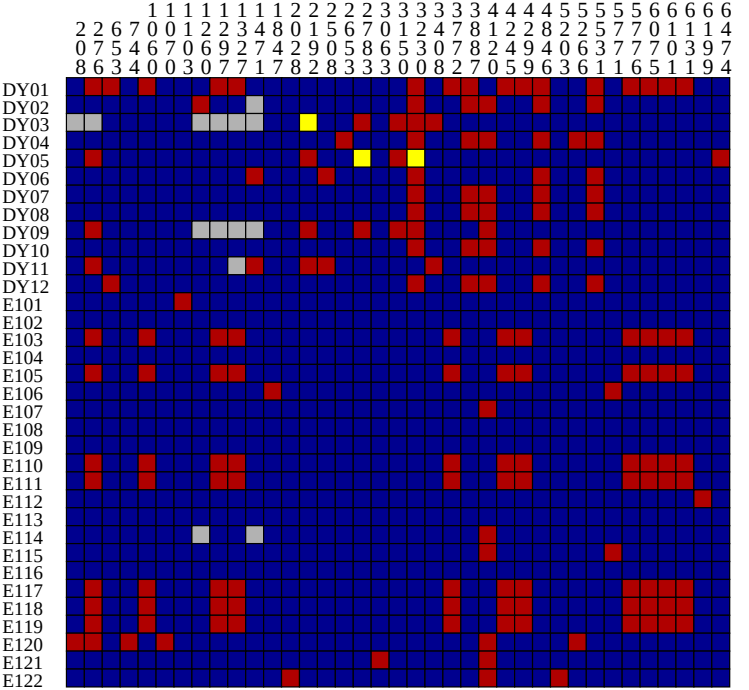


tjp1, p−value: 0.3208



Homozygote−Common allele
Heterozygote
Homozygote−Rare allele
Missing data

tnfrsf4, p−value: 0.5824



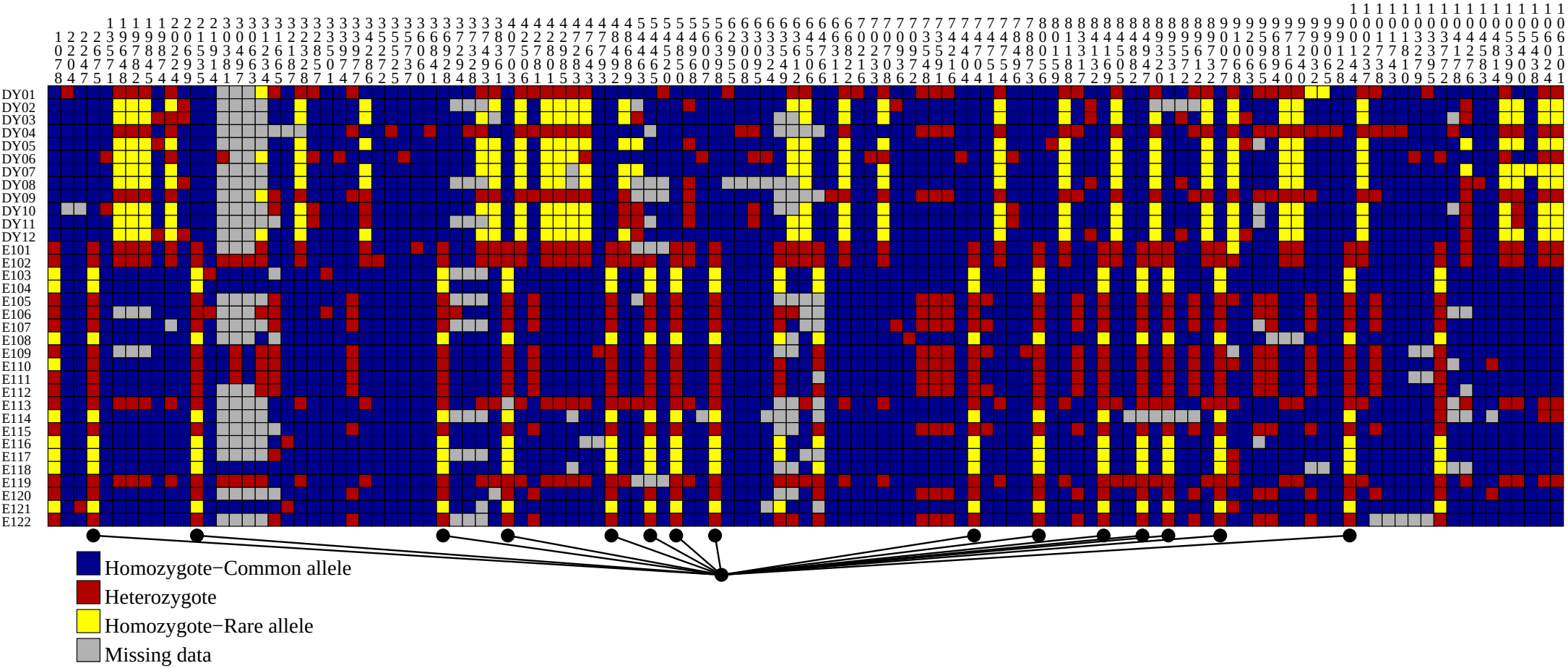
Homozygote−Common allele

Heterozygote

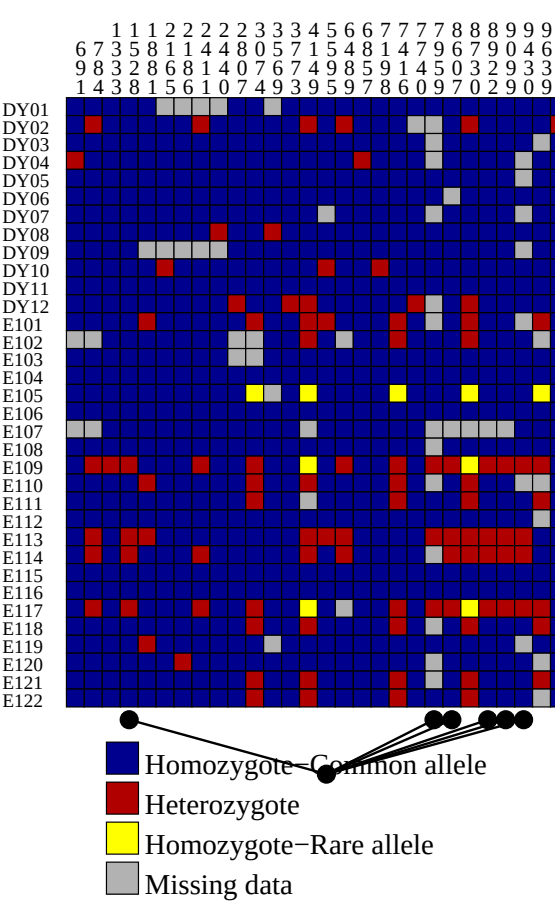
Homozygote−Rare allele

Missing data

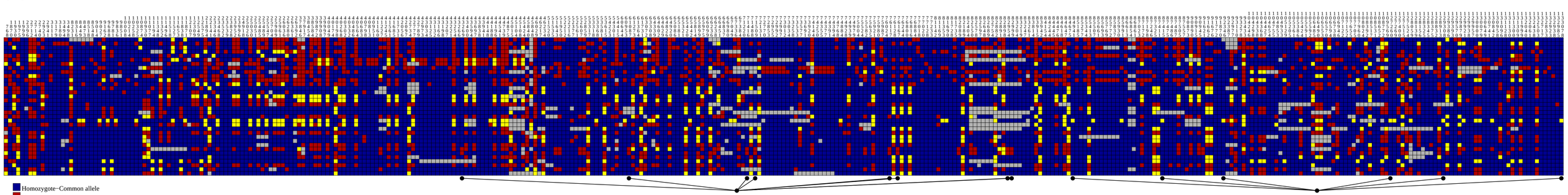
tp53bp1, p−value: 0.0026



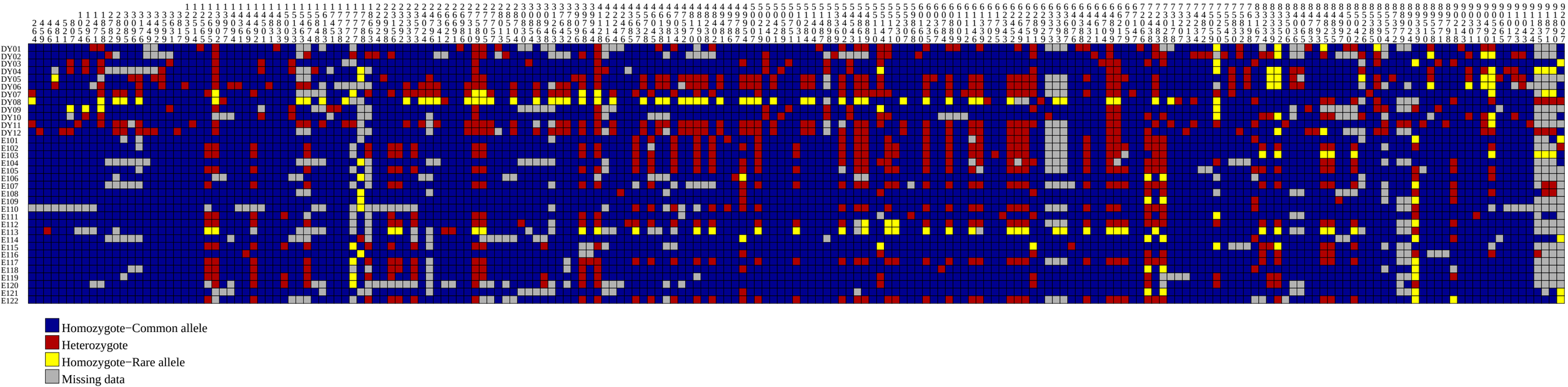
tp53i3, p−value: 0.0132



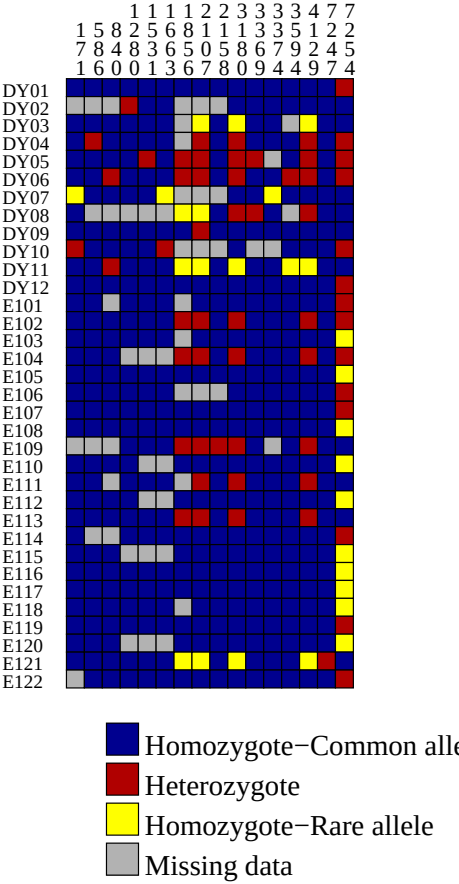
tpo, p−value: 0.1076



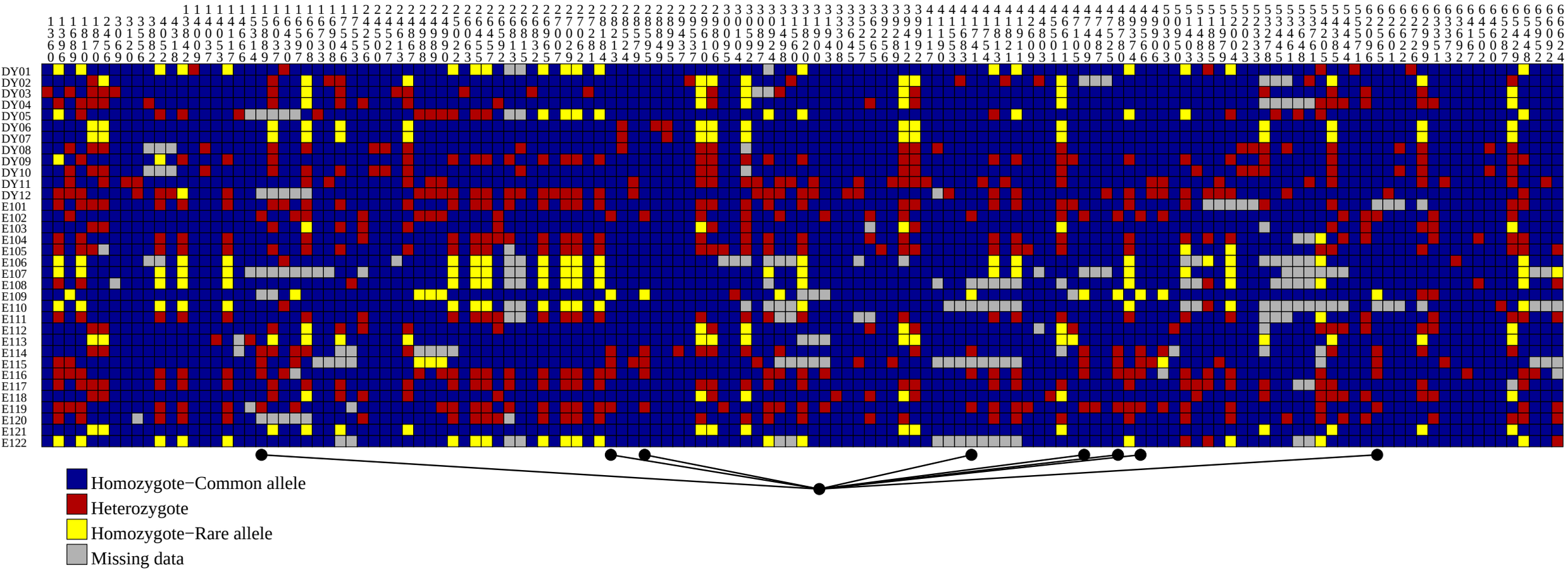
trpm2, p−value: 0.9546



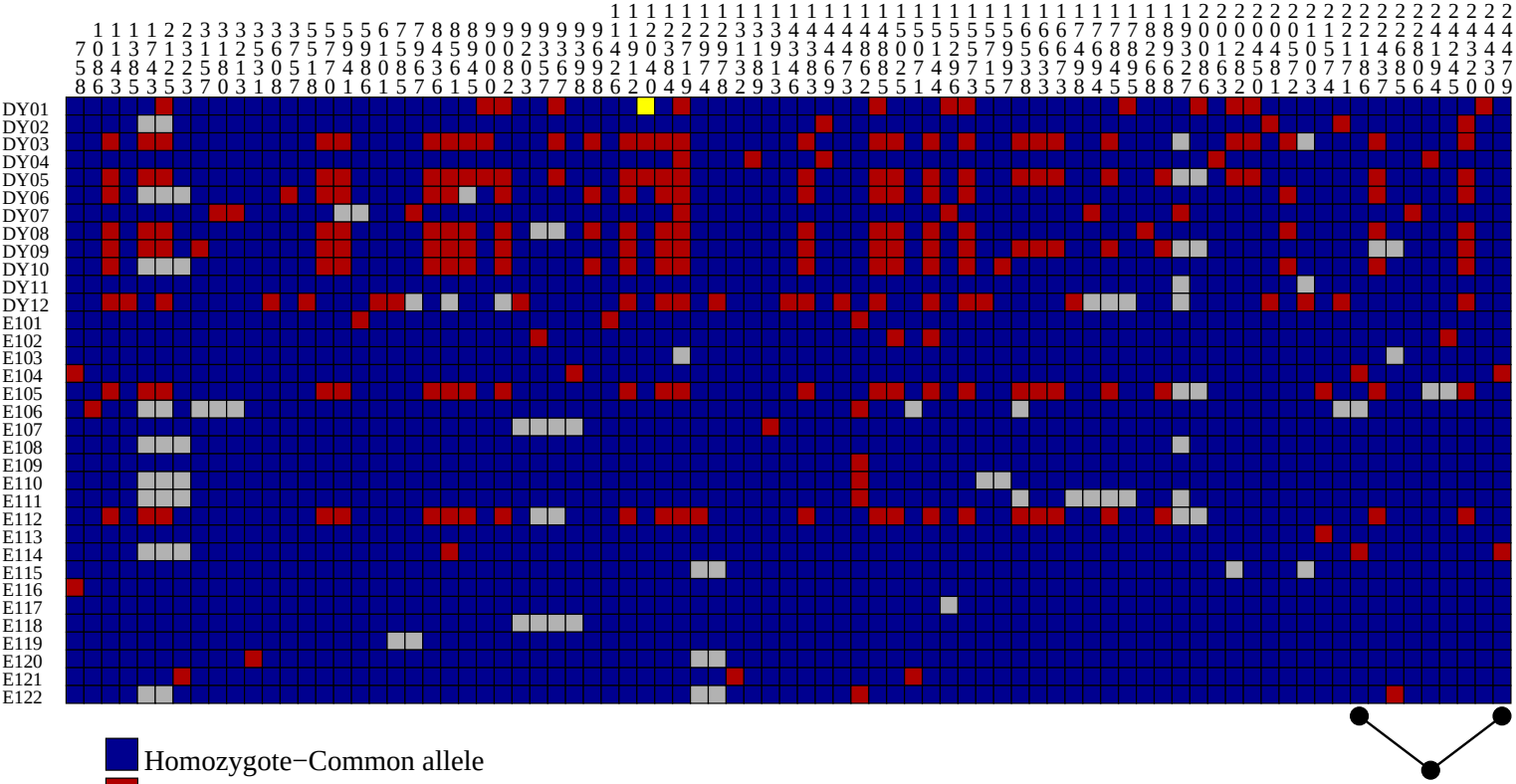
tuba1, p−value: 0.4312



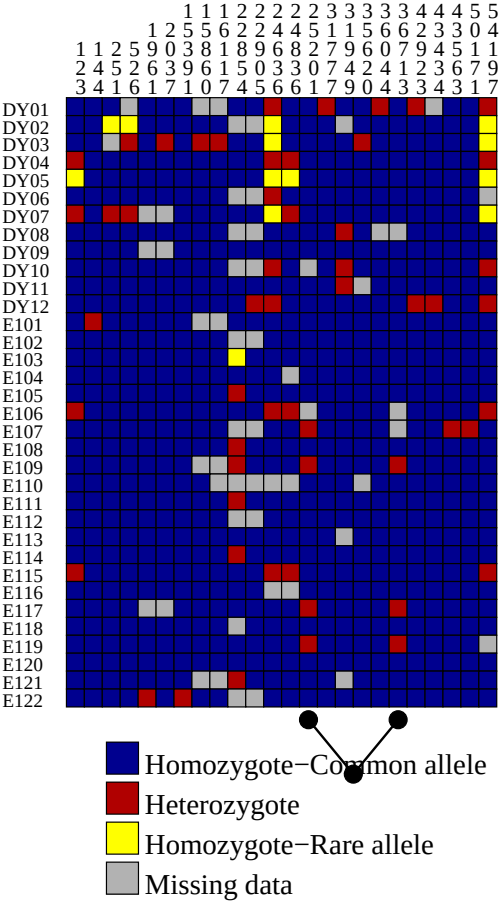
txnrd1, p−value: 0.044



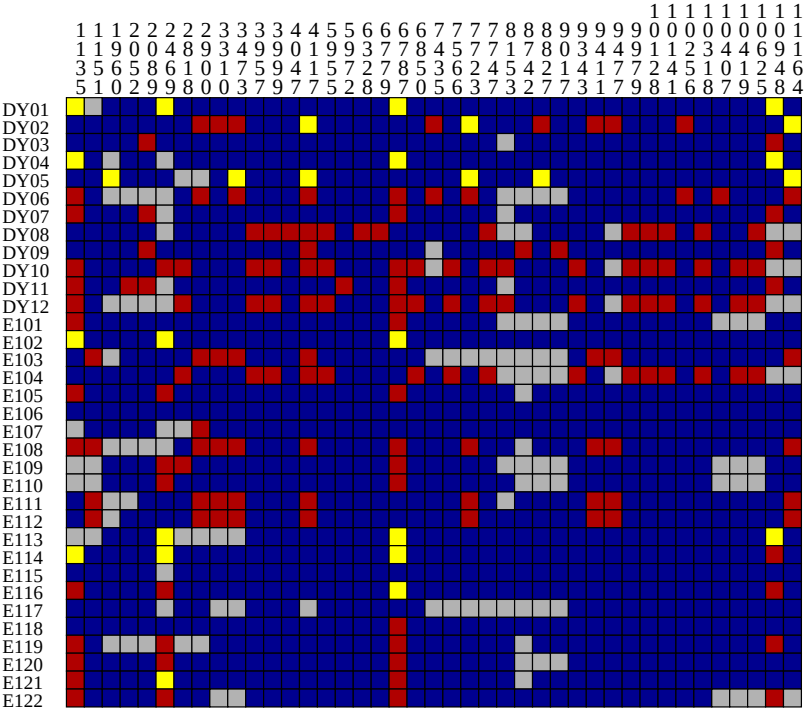
ube2b, p−value: 0.6018



ube2v2, p−value: 0.1038



ucp2, p−value: 0.5952



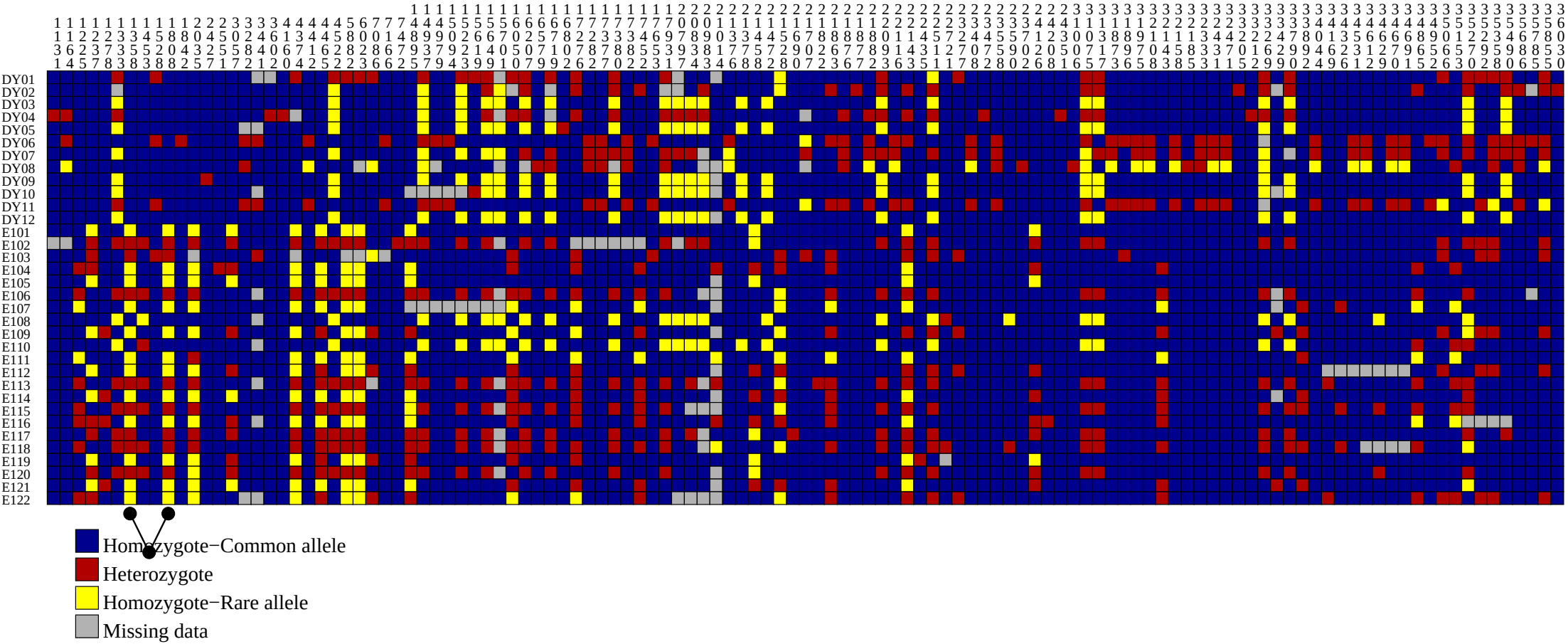
Homozygote−Common allele

Heterozygote

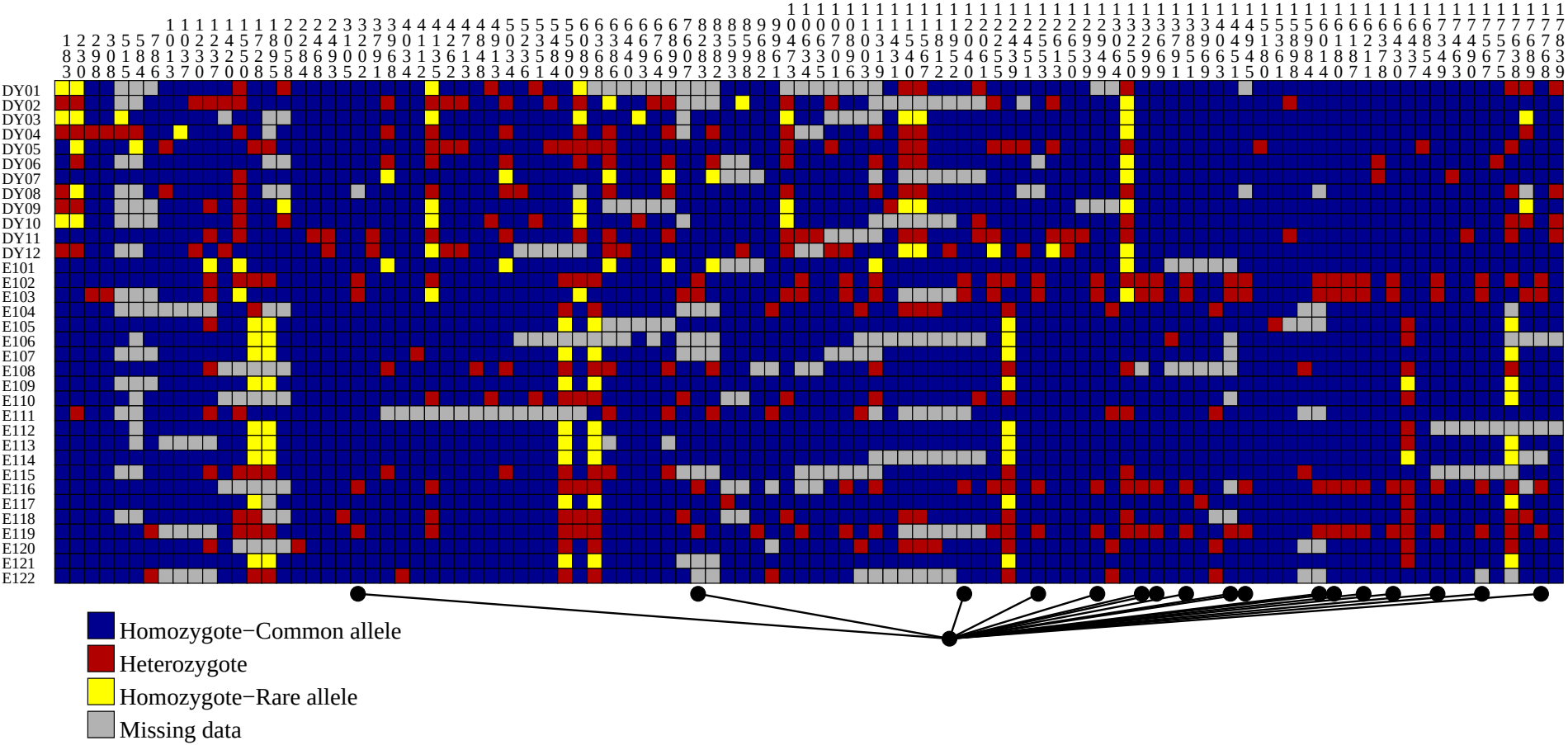
Homozygote−Rare allele

Missing data

vnn1, p−value: 0.8352



vnn2, p−value: 0.0162



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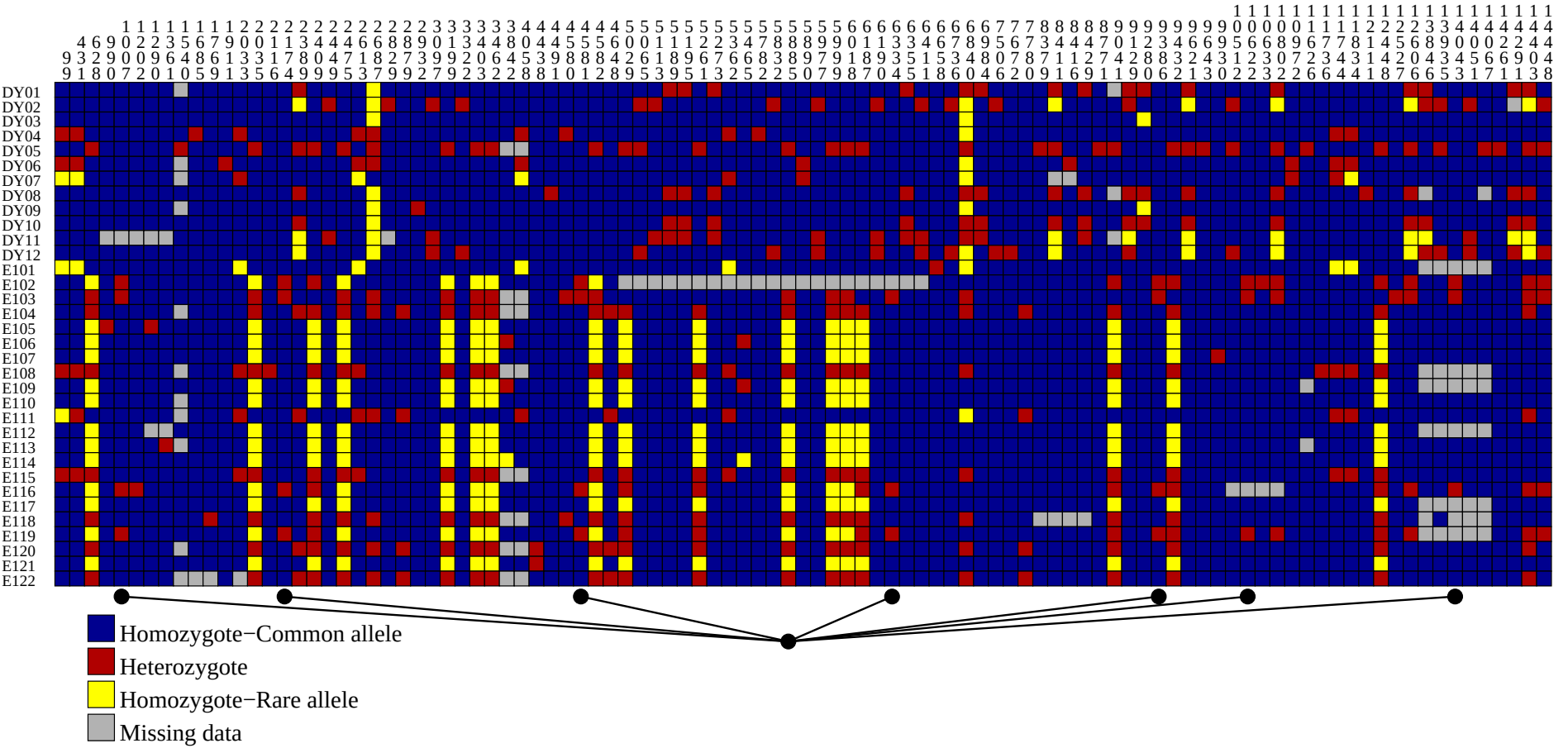
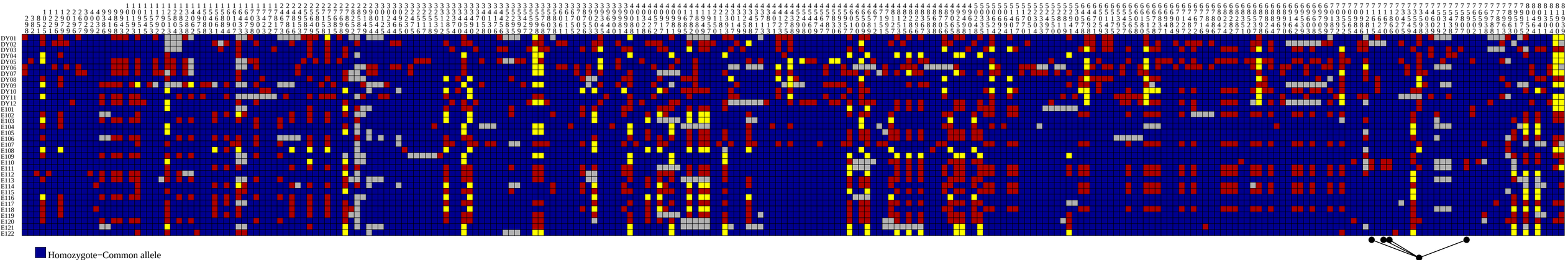
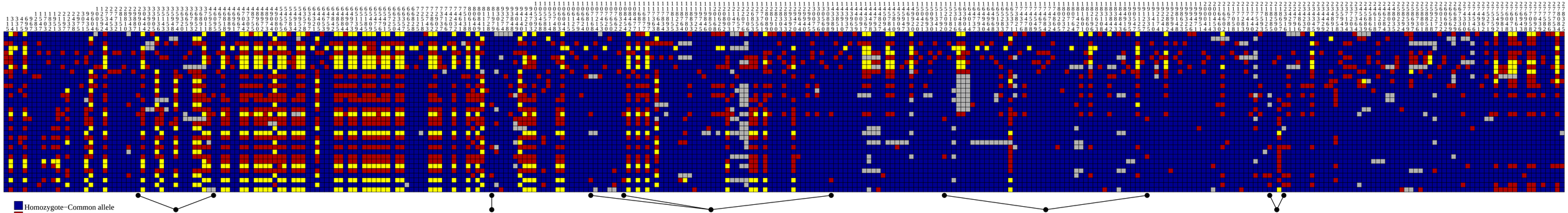


xdh, p−value: 0.9094



xrcc4, p−value: 0.2016