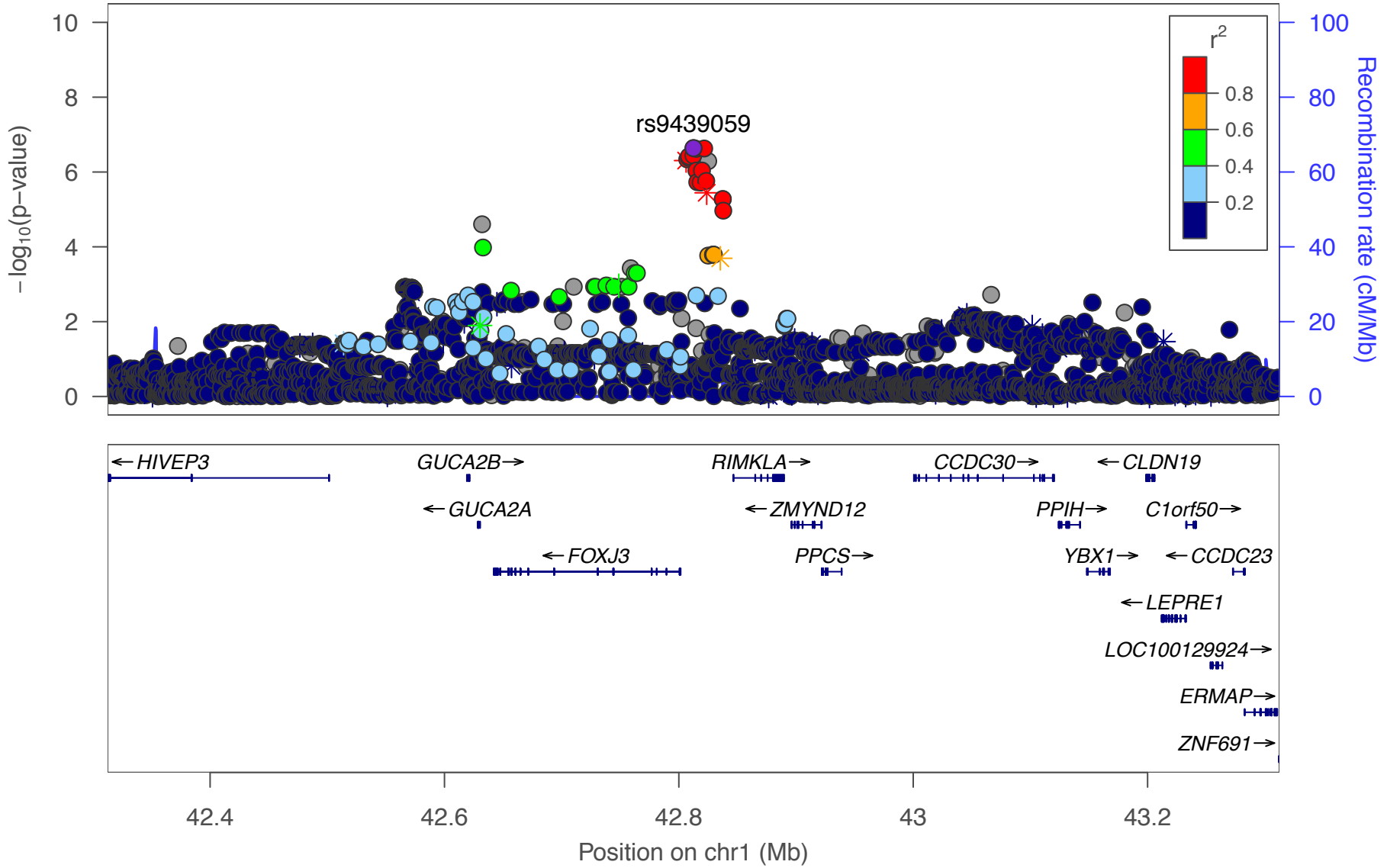
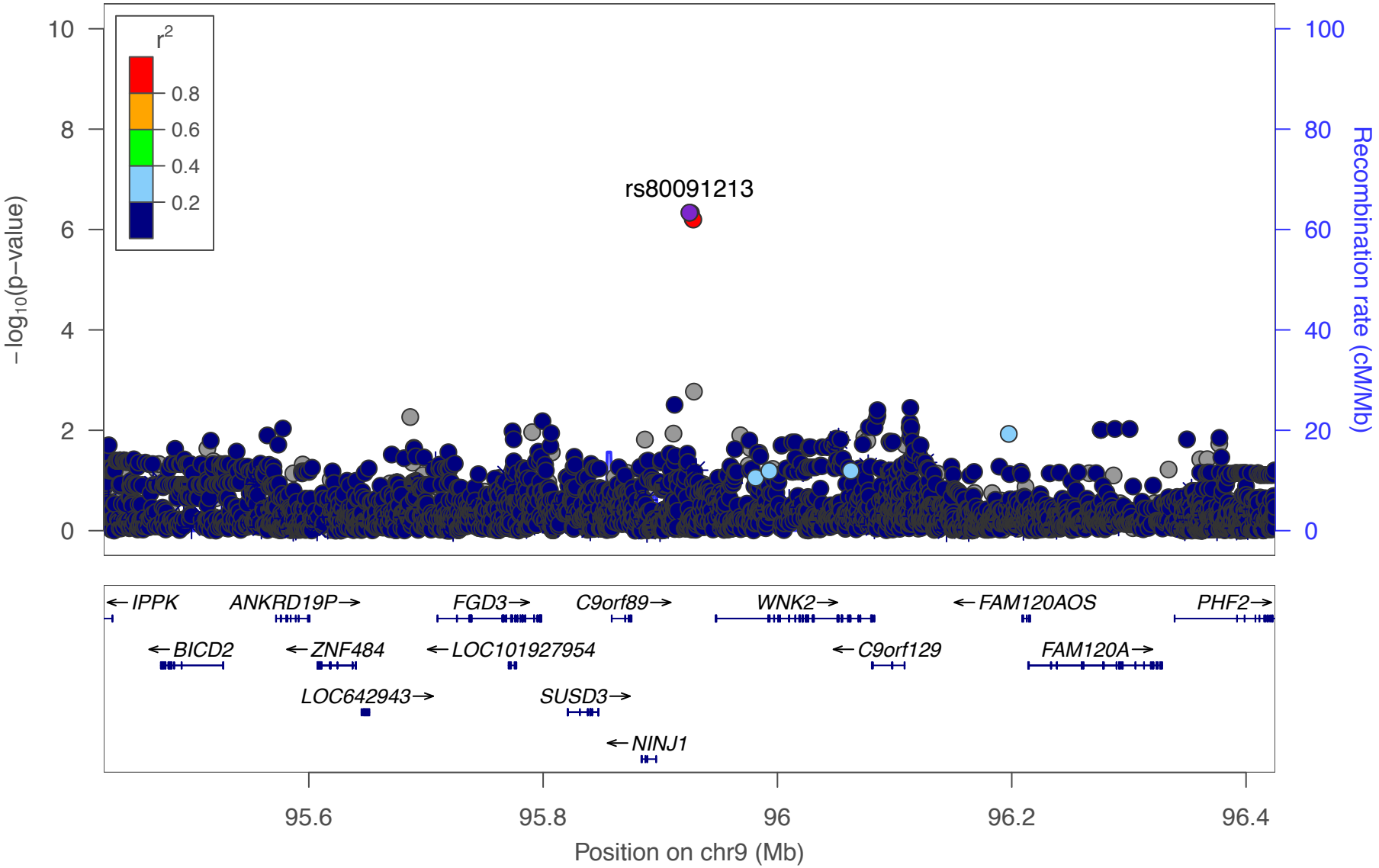
Figure S4

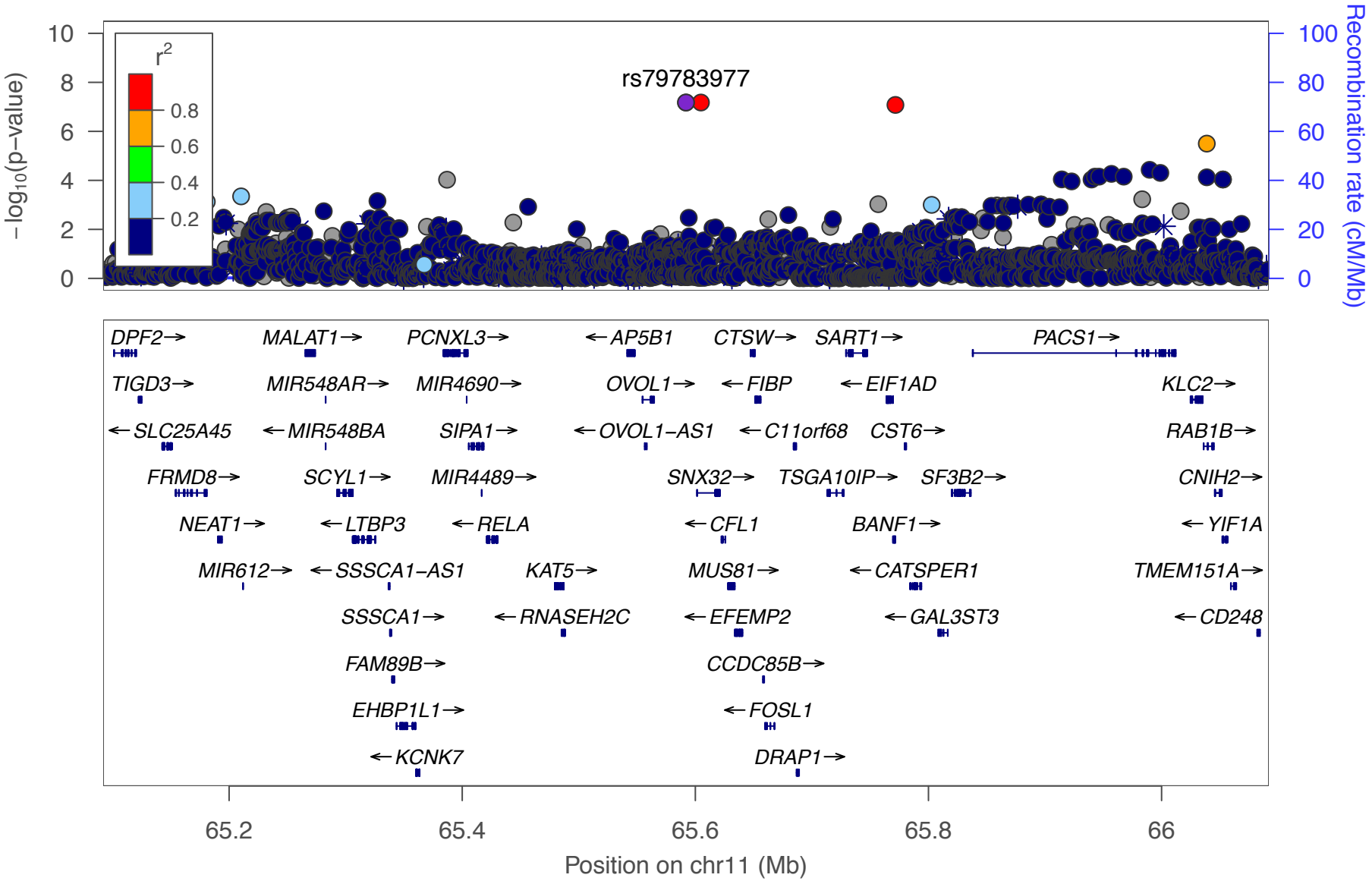
OFC.MCW



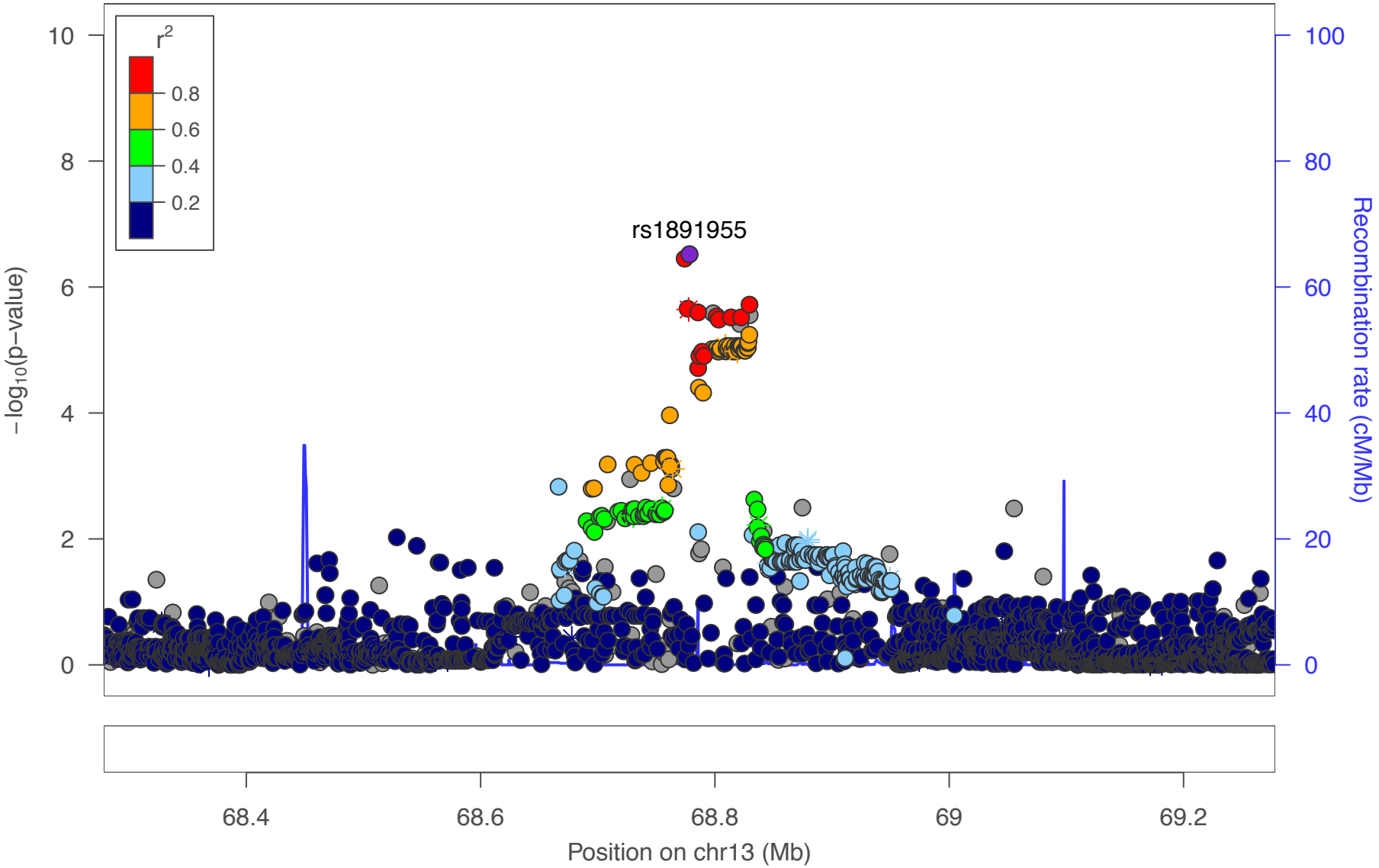
OFC.MCW


r2
0.8
0.6
0.4
0.2
rs80091213
−log10(p−value)
Recombination rate (cM/Mb)
IPPK
ANKRD19P
FGD3
C9orf89
WNK2
FAM120AOS
PHF2
BICD2
ZNF484
LOC101927954
C9orf129
FAM120A
LOC642943
SUSD3
NINJ1
Position on chr9 (Mb)

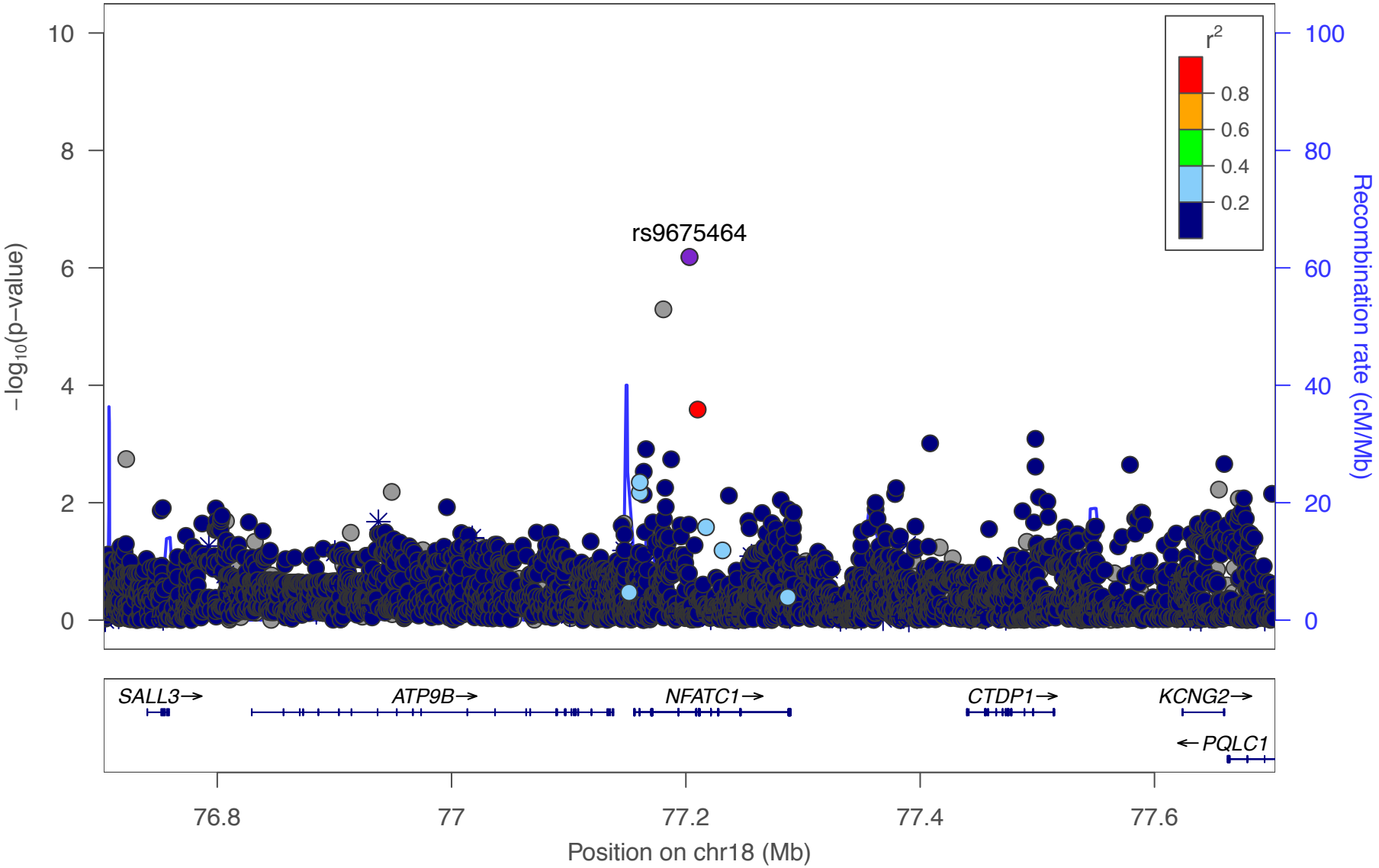
OFC.MCW


rs79783977
r²
0.8
0.6
0.4
0.2
−log10(p−value)
Recombination rate (cM/Mb)
DPF2→
MALAT1→
PCNXL3→
←AP5B1
CTSW→
SART1→
PACS1→
TIGD3→
MIR548AR→
MIR4690→
OVOL1→
←FIBP
←EIF1AD
KLC2→
←SLC25A45
←MIR548BA
SIPA1→
←OVOL1−AS1
←C11orf68
CST6→
RAB1B→
FRMD8→
SCYL1→
MIR4489→
SNX32→
TSGA10IP→
SF3B2→
CNIH2→
NEAT1→
←LTBP3
←RELA
←CFL1
BANF1→
←YIF1A
MIR612→
←SSSCA1−AS1
KAT5→
MUS81→
←CATSPER1
TMEM151A→
SSSCA1→
←RNASEH2C
←EFEMP2
←GAL3ST3
←CD248
FAM89B→
CCDC85B→
EHBP1L1→
←FOSL1
←KCNK7
DRAP1→
65.2
65.4
65.6
65.8
66
Position on chr11 (Mb)

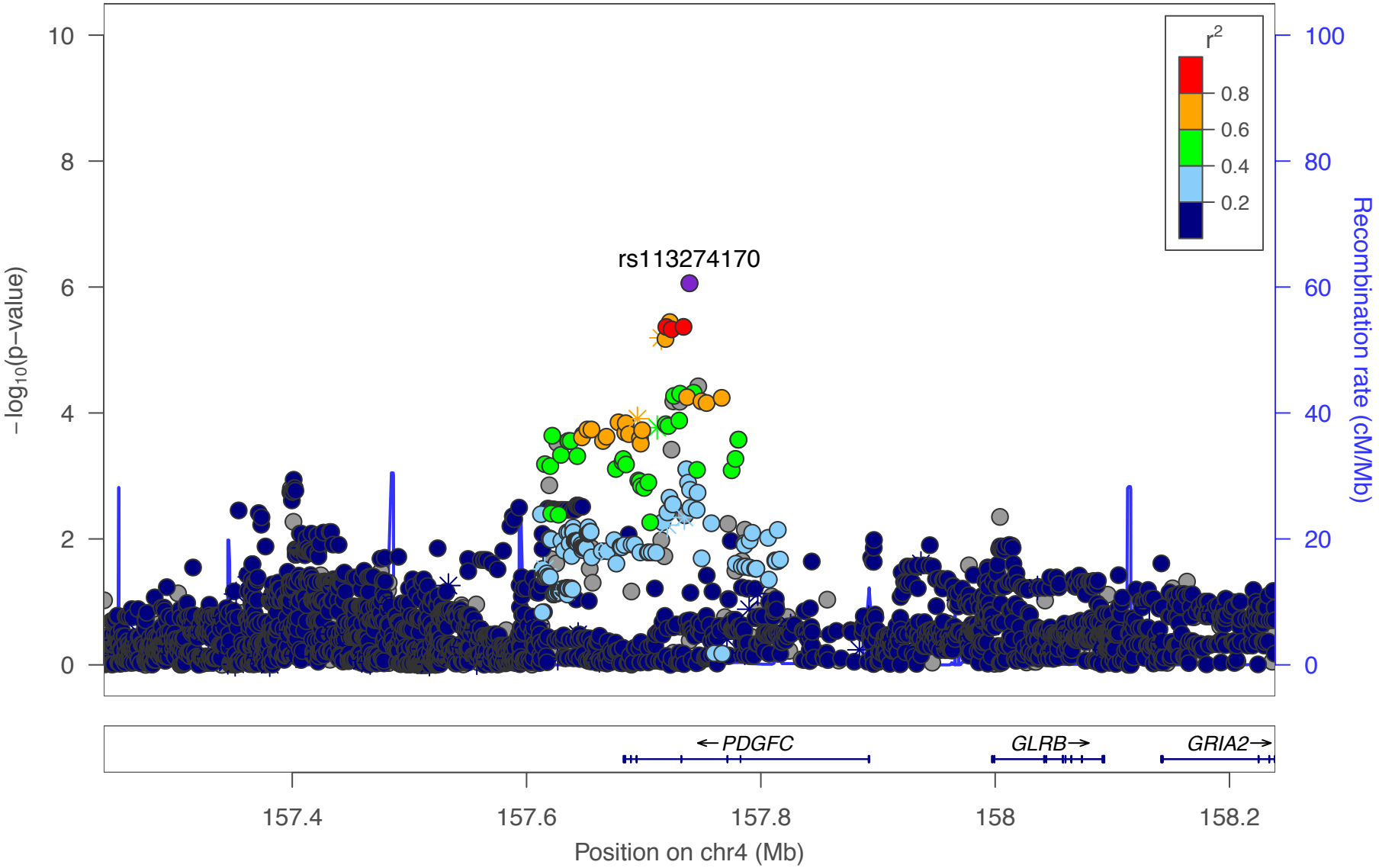
OFC.MCW


r2
0.8
0.6
0.4
0.2
rs1891955
−log10(p−value)
Recombination rate (cM/Mb)
10
8
6
4
2
0
100
80
60
40
20
0
68.4
68.6
68.8
69
69.2
Position on chr13 (Mb)

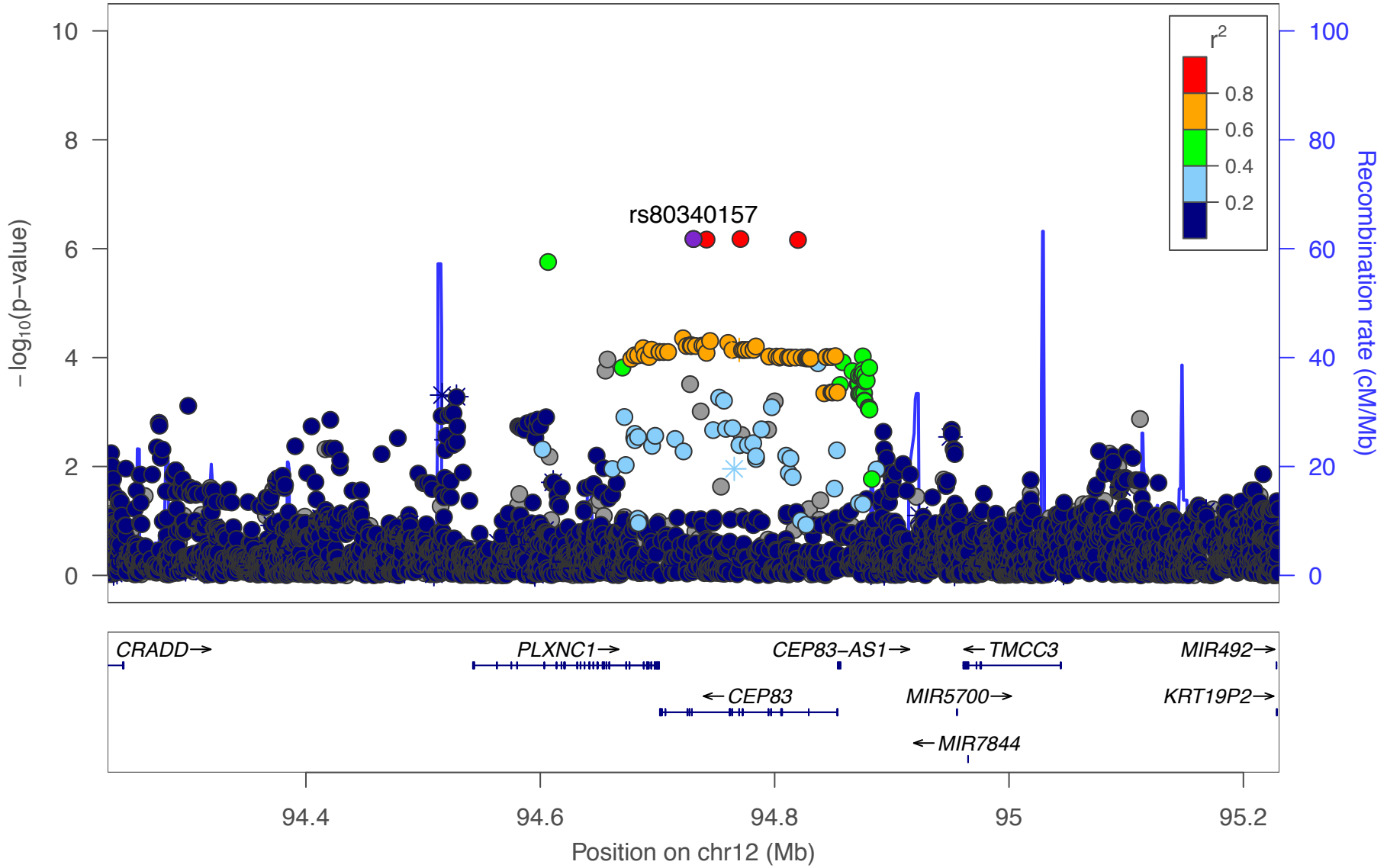
OFC.MCW


rs9675464
r2
0.8
0.6
0.4
0.2
−log10(p−value)
Recombination rate (cM/Mb)
SALL3→
ATP9B→
NFATC1→
CTDP1→
KCNG2→
←PQLC1
Position on chr18 (Mb)

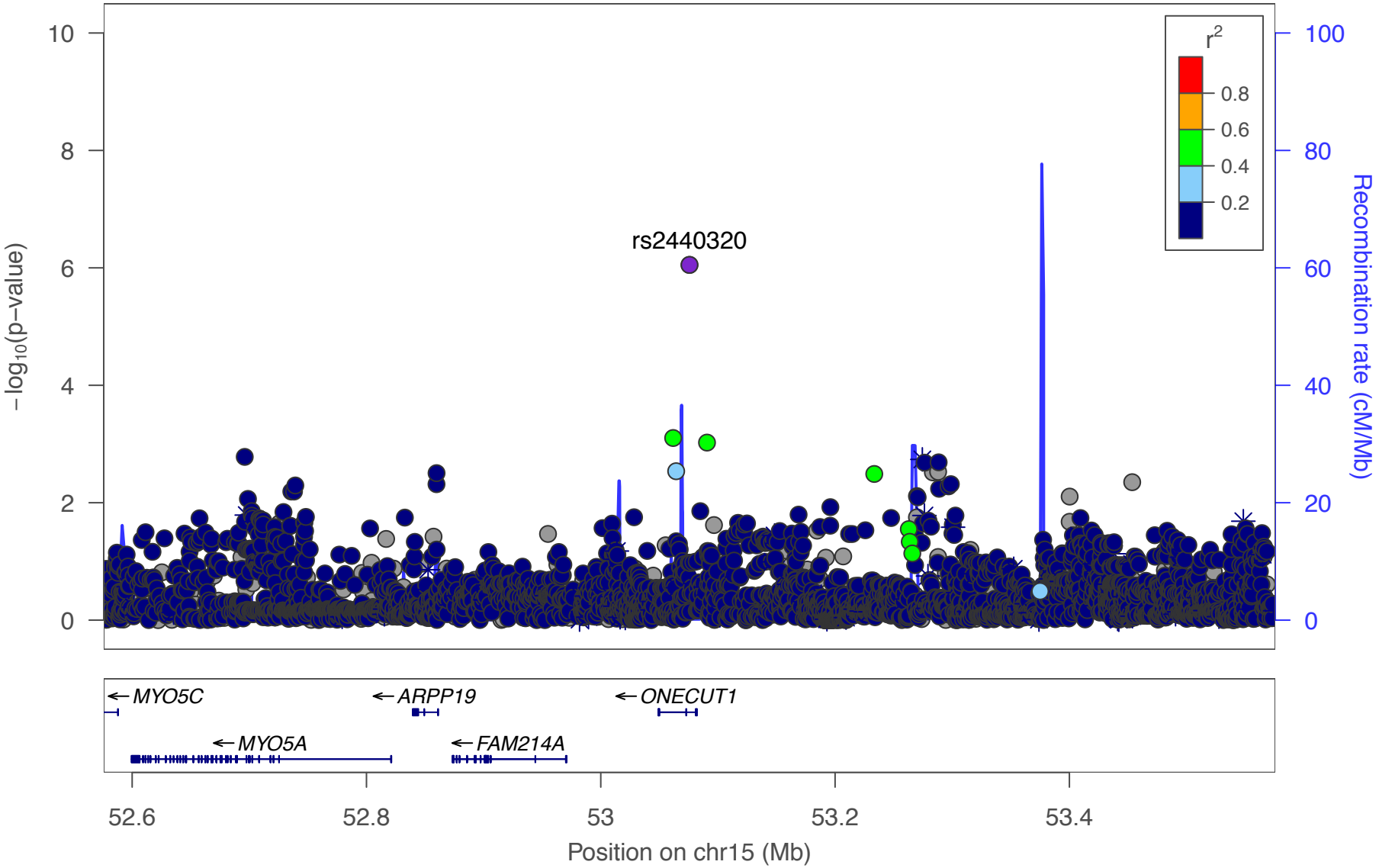
OFC.MCL


rs113274170
r2
0.8
0.6
0.4
0.2
−log10(p−value)
Recombination rate (cM/Mb)
10
8
6
4
2
0
100
80
60
40
20
0
PDGFC
GLRB
GRIA2
157.4
157.6
157.8
158
158.2
Position on chr4 (Mb)

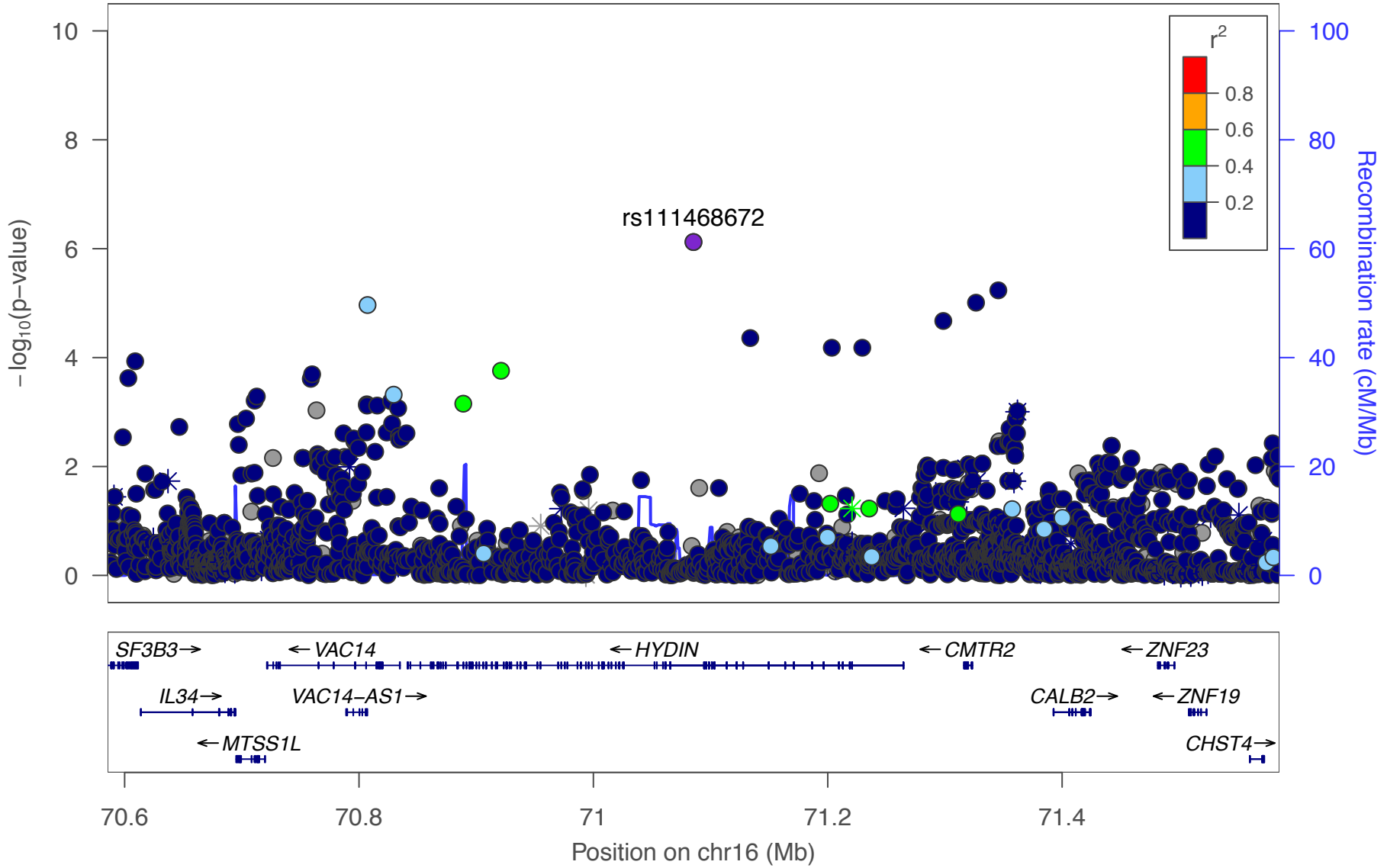
OFC.MCL


rs80340157
r²
0.8
0.6
0.4
0.2
−log10(p−value)
Recombination rate (cM/Mb)
CRADD→
PLXNC1→
CEP83−AS1→
←TMCC3
MIR492→
←CEP83
MIR5700→
KRT19P2→
←MIR7844
Position on chr12 (Mb)

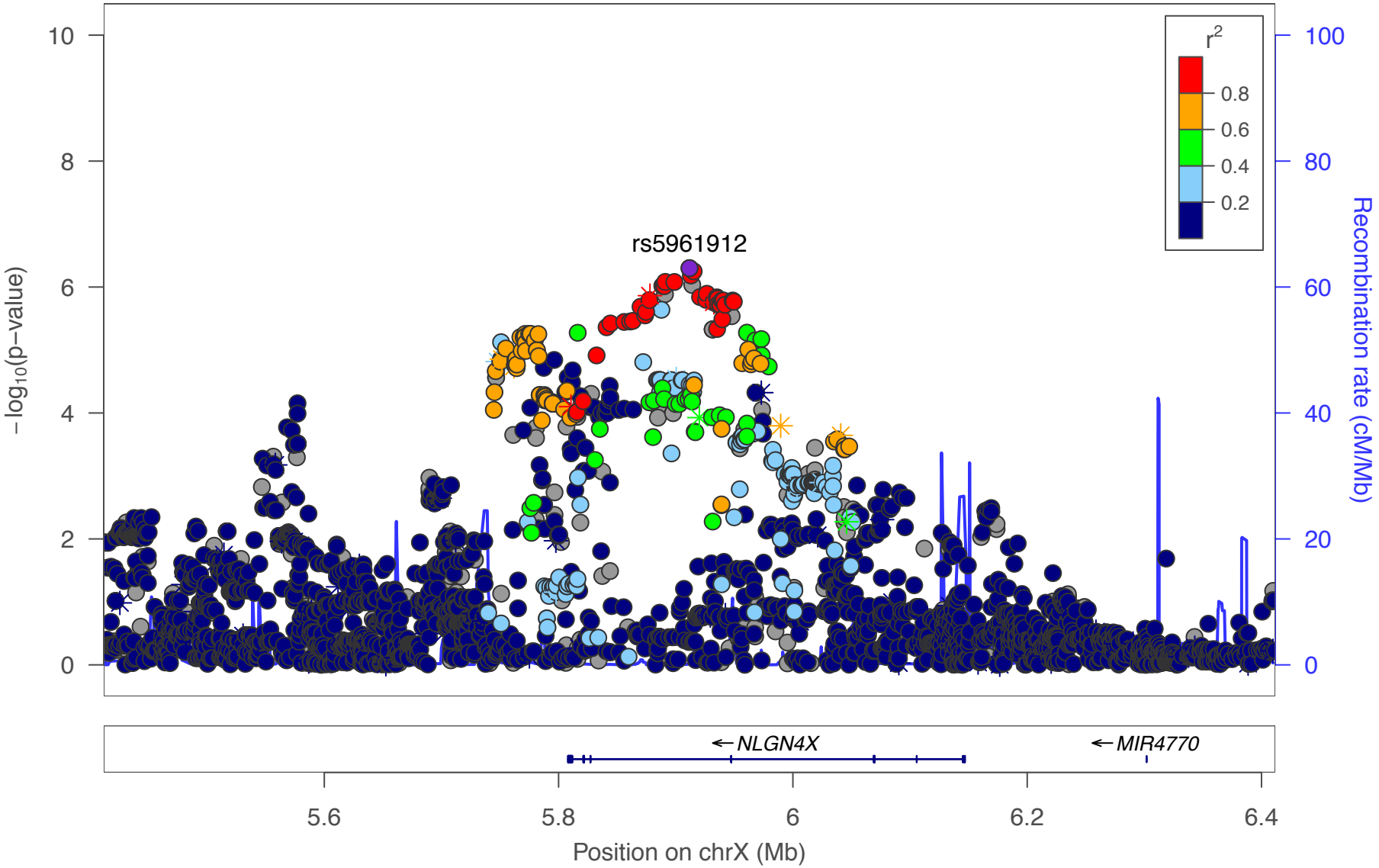
OFC.MCL


rs2440320
r²
0.8
0.6
0.4
0.2
−log10(p−value)
Recombination rate (cM/Mb)
MYO5C
ARPP19
ONECUT1
MYO5A
FAM214A
Position on chr15 (Mb)

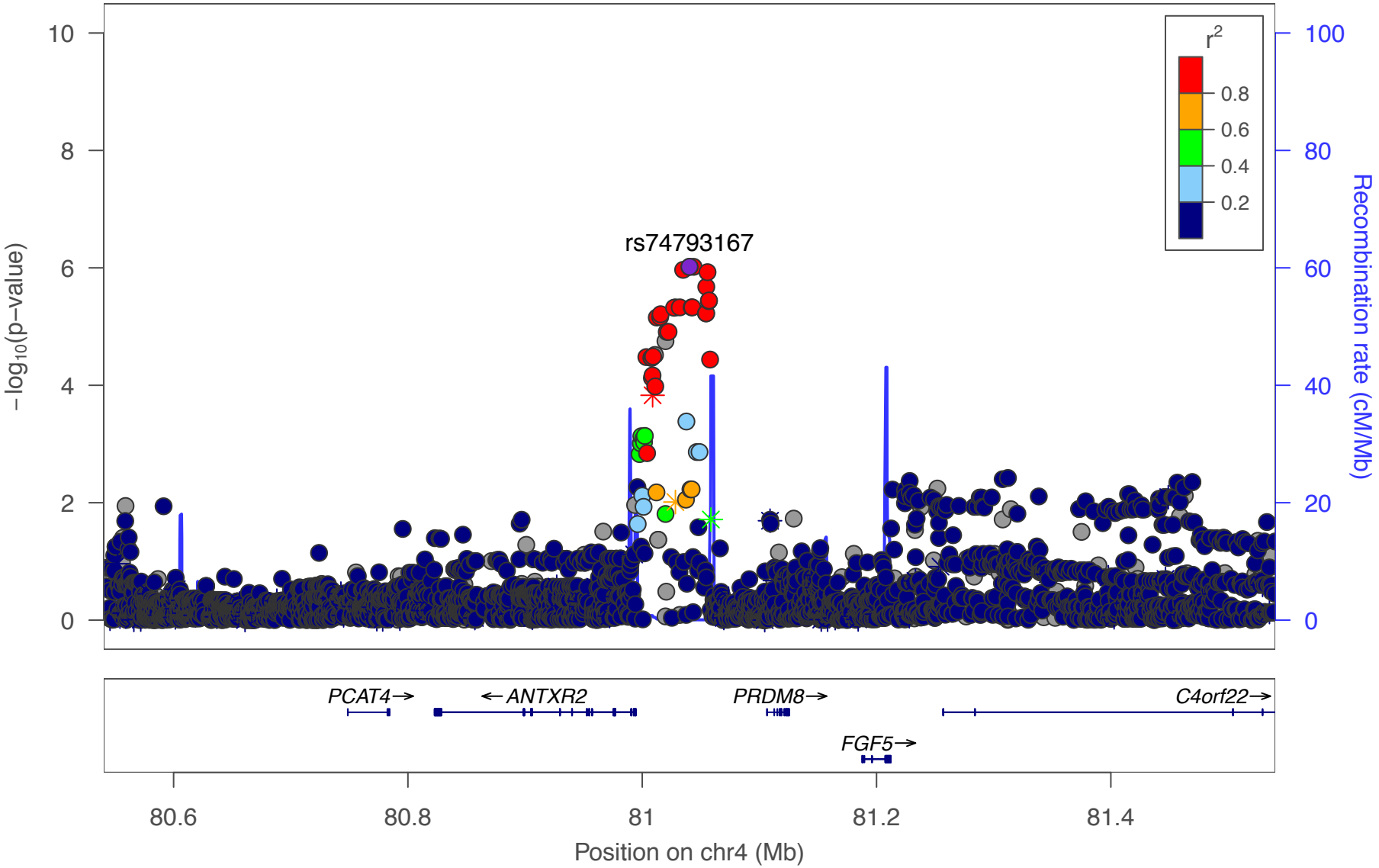
OFC.MCL


rs111468672
r²
0.8
0.6
0.4
0.2
−log10(p−value)
Recombination rate (cM/Mb)
SF3B3→
←VAC14
←HYDIN
←CMTR2
←ZNF23
IL34→
VAC14−AS1→
CALB2→
←ZNF19
←MTSS1L
CHST4→
Position on chr16 (Mb)

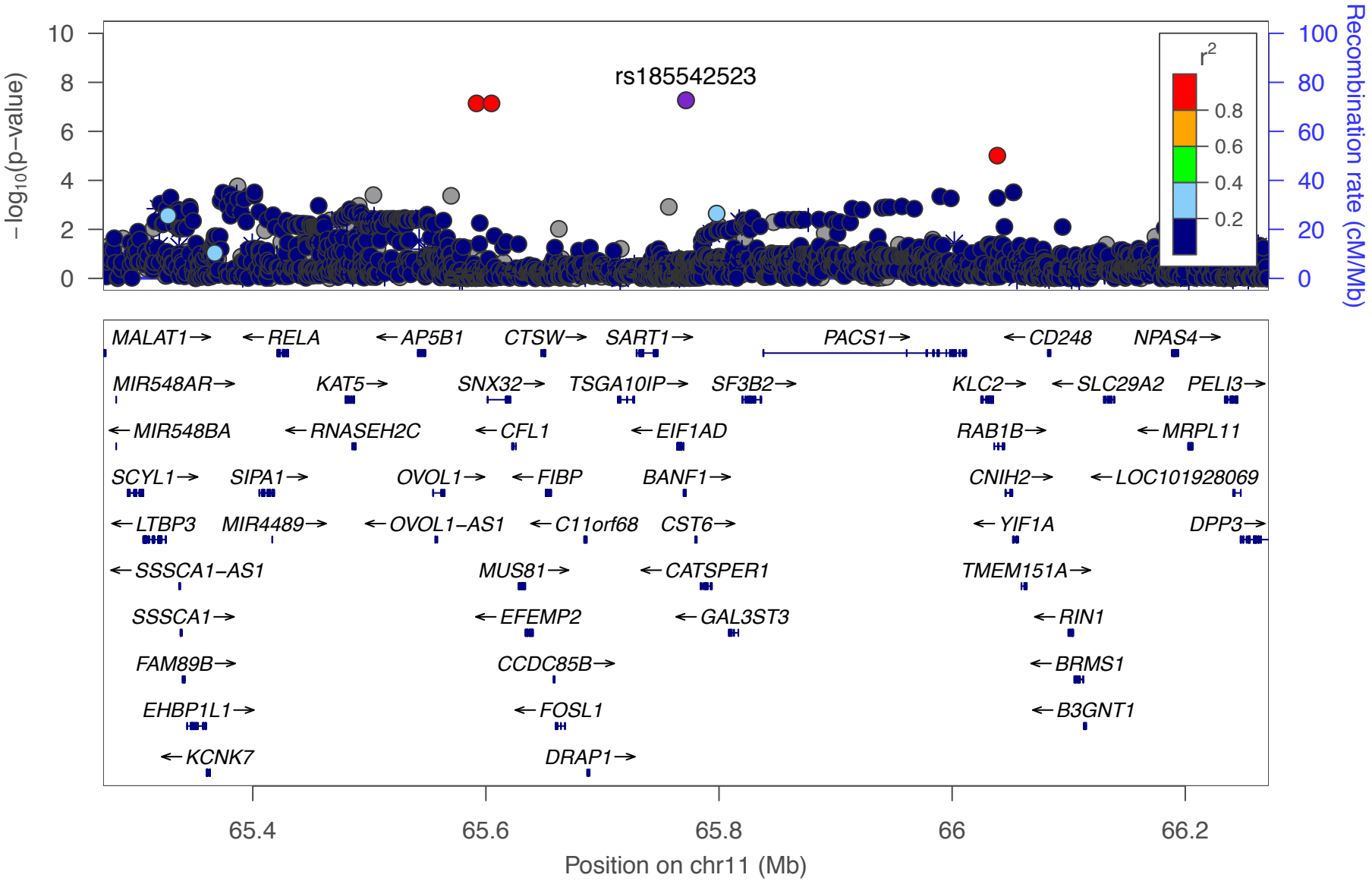
OFC.MCL


rs5961912
r2
0.8
0.6
0.4
0.2
−log10(p−value)
Recombination rate (cM/Mb)
10
8
6
4
2
0
100
80
60
40
20
0
←NLGN4X
←MIR4770
5.6
5.8
6
6.2
6.4
Position on chrX (Mb)

OFC.CI


rs74793167
r²
0.8
0.6
0.4
0.2
−log10(p−value)
Recombination rate (cM/Mb)
PCAT4→
←ANTXR2
PRDM8→
C4orf22→
FGF5→
Position on chr4 (Mb)

OFC.CI


rs185542523
r²
0.8
0.6
0.4
0.2
−log10(p−value)
Recombination rate (cM/Mb)
MALAT1→ ←RELA ←AP5B1 CTSW→ SART1→ PACS1→ ←CD248 NPAS4→
MIR548AR→ KAT5→ SNX32→ TSGA10IP→ SF3B2→ KLC2→ ←SLC29A2 PELI3→
←MIR548BA ←RNASEH2C ←CFL1 ←EIF1AD RAB1B→ ←MRPL11
SCYL1→ SIPA1→ OVOL1→ ←FIBP BANF1→ CNIH2→ ←LOC101928069
←LTBP3 MIR4489→ ←OVOL1−AS1 ←C11orf68 CST6→ ←YIF1A DPP3→
←SSSCA1−AS1 MUS81→ ←CATSPER1 TMEM151A→
SSSCA1→ ←EFEMP2 ←GAL3ST3 ←RIN1
FAM89B→ CCDC85B→ ←BRMS1
EHBP1L1→ ←FOSL1 ←B3GNT1
←KCNK7 DRAP1→
65.4
65.6
65.8
66
66.2
Position on chr11 (Mb)