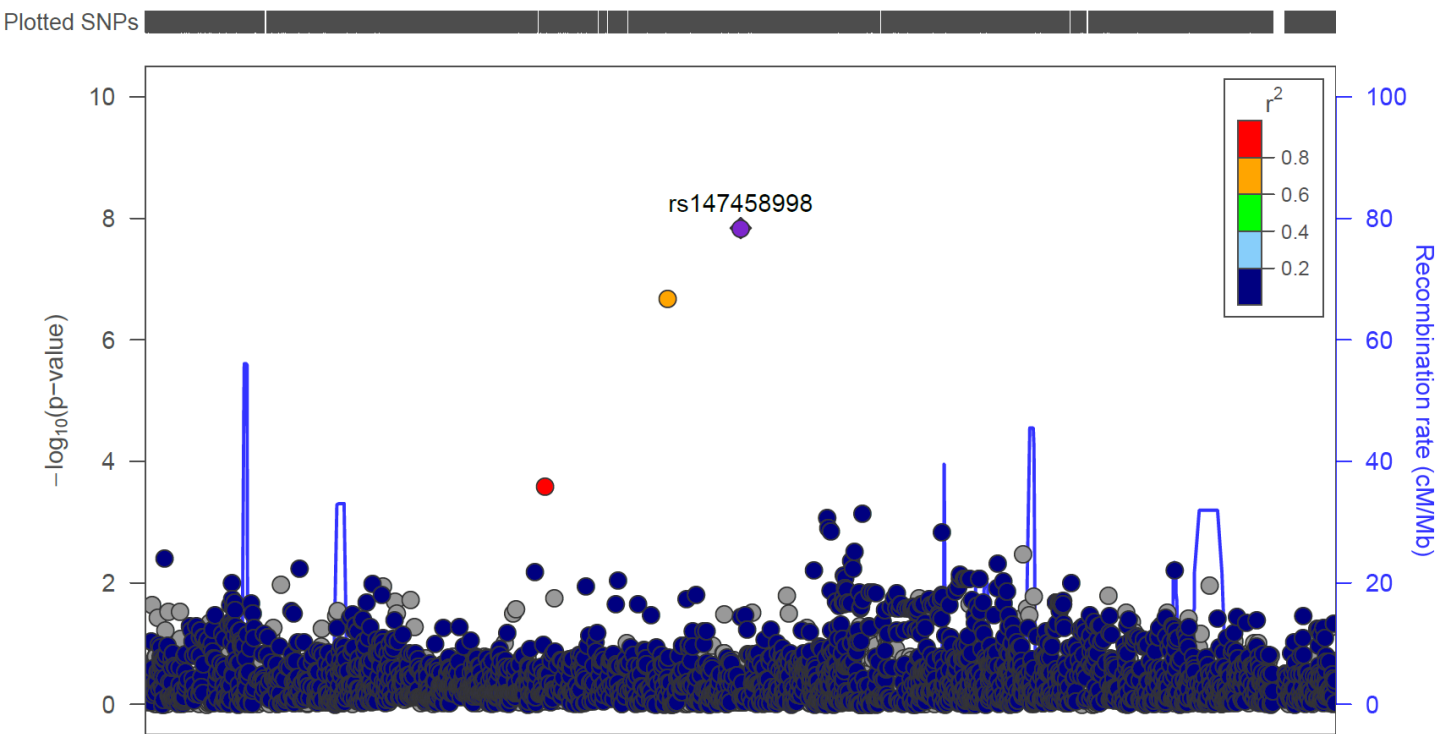
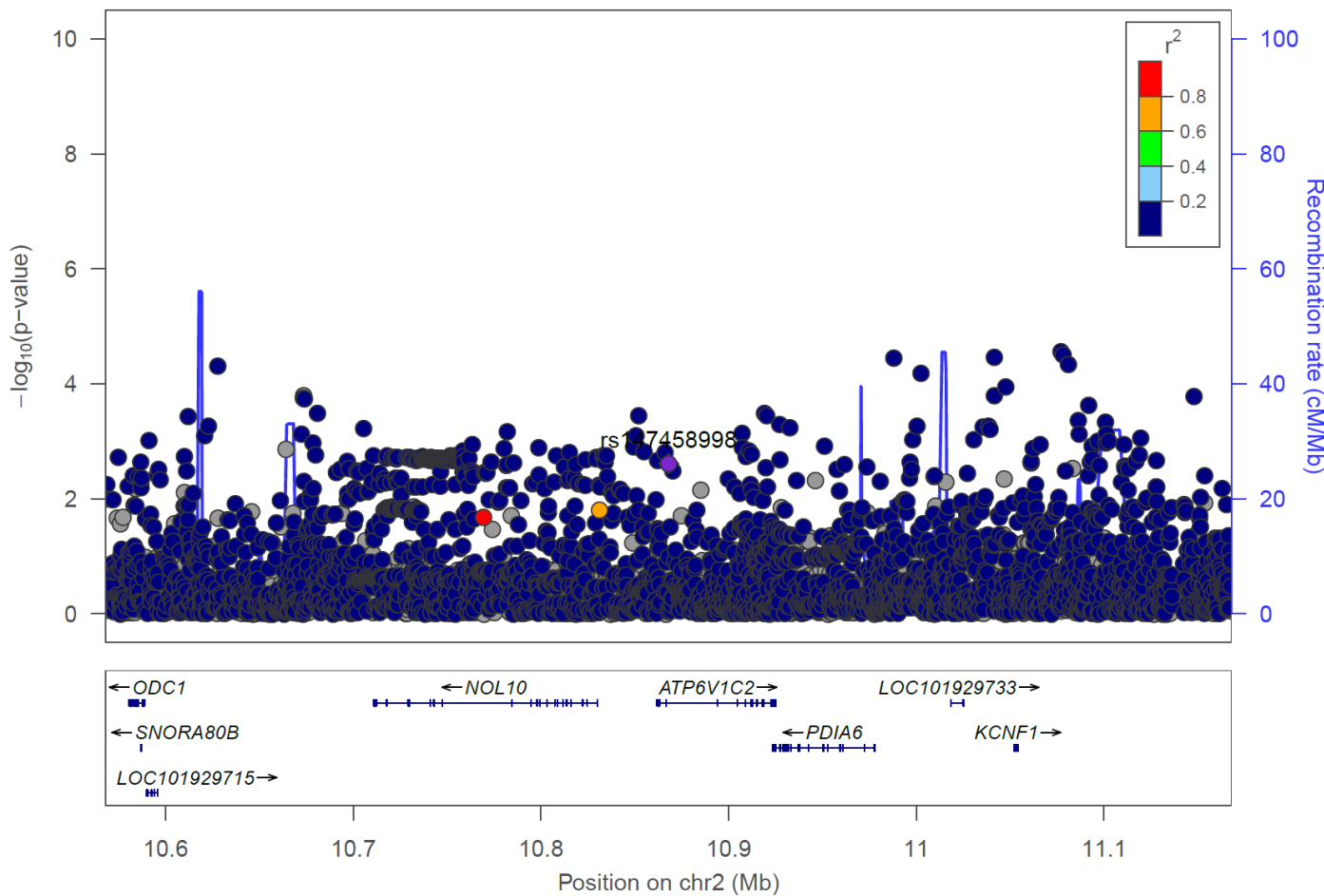


Insights into Non-autoimmune Type 1 Diabetes with 13 Novel Loci in Low Polygenic Risk Score Patients

Jingchun Qu, Hui-Qi Qu, Jonathan P Bradfield, Joseph T Glessner, Xiao Chang, Lifeng Tian, Michael March, John J Connolly, Jeffrey D Roizen, Patrick MA Sleiman, Hakon Hakonarson

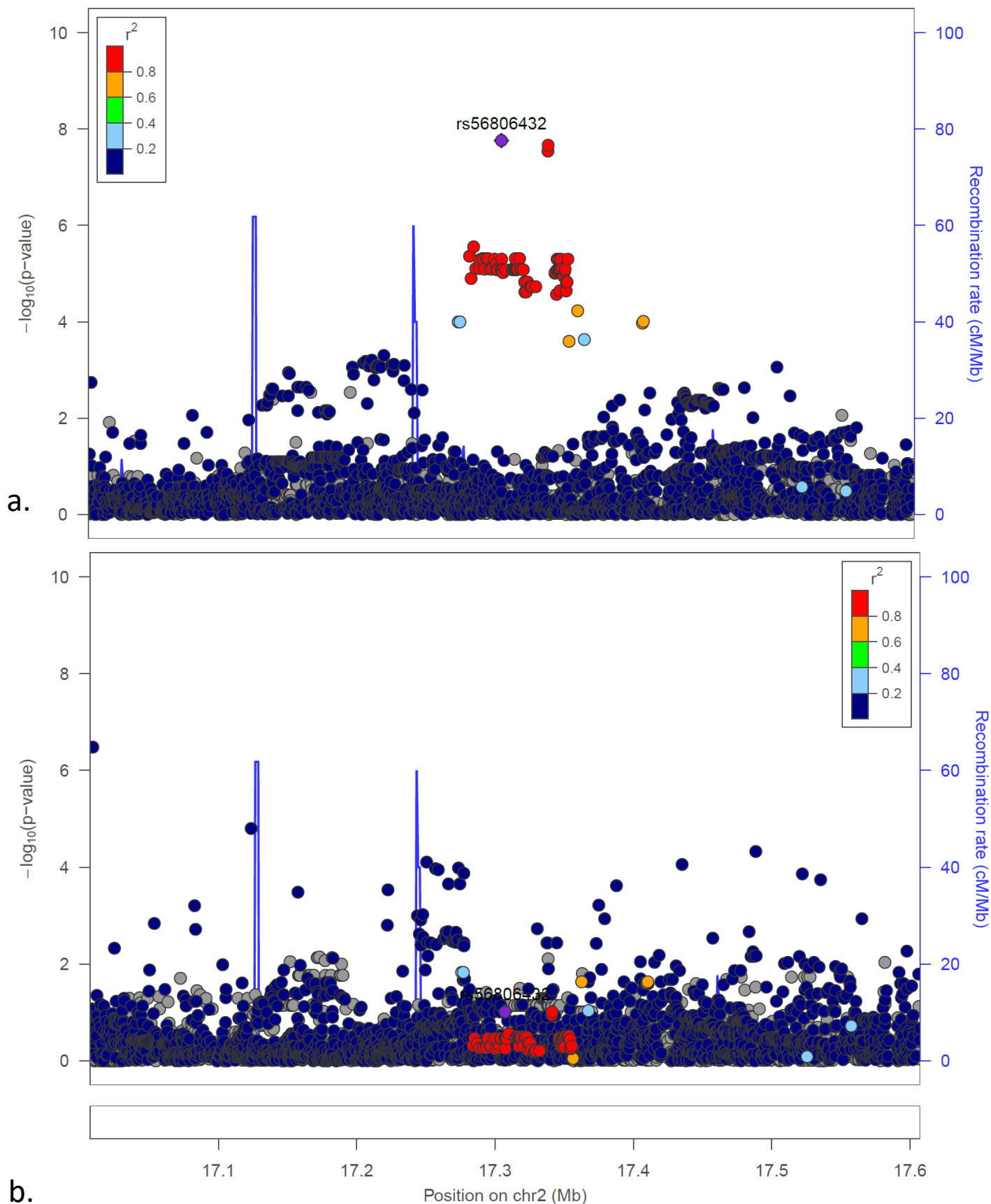


a.

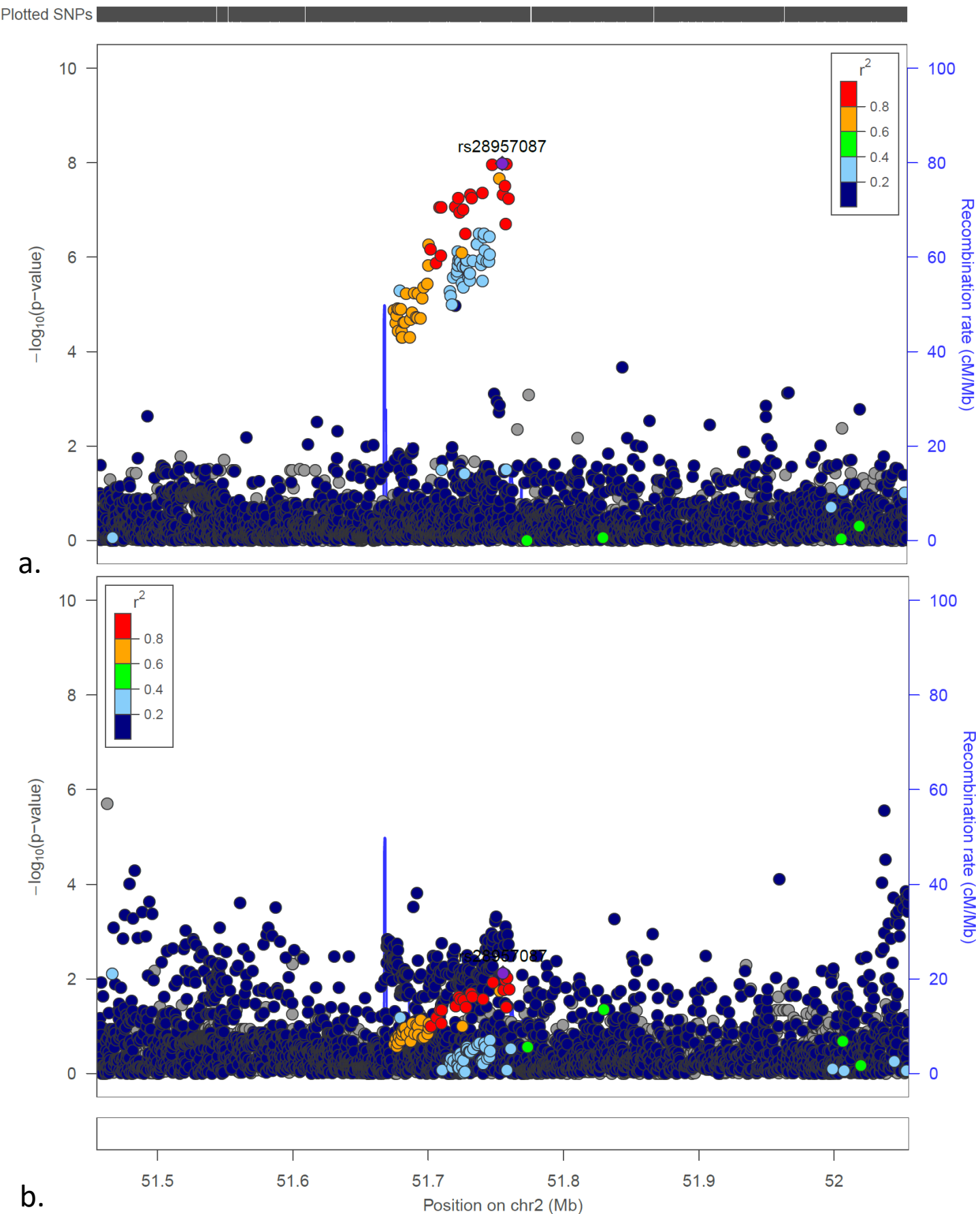


b.

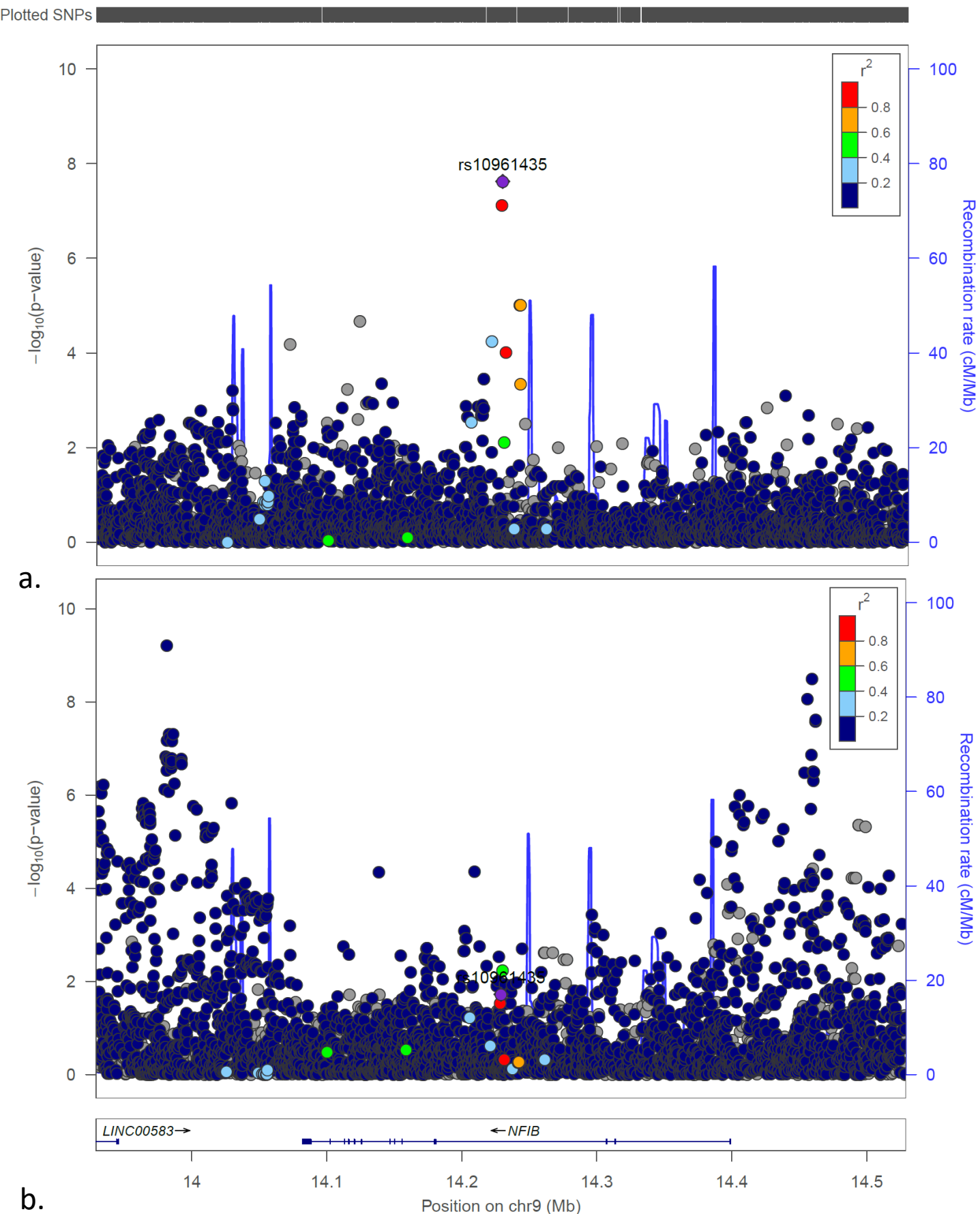
Supplementary Figure 1. The LocusZoom plots for the *ATP6V1C2* locus (rs147458998). (a) The plot of the association tests of T1D patients with low T1D PRS compared to controls with low T1D PRS; (b) The plot of the association tests of all T1D patients compared to all controls.



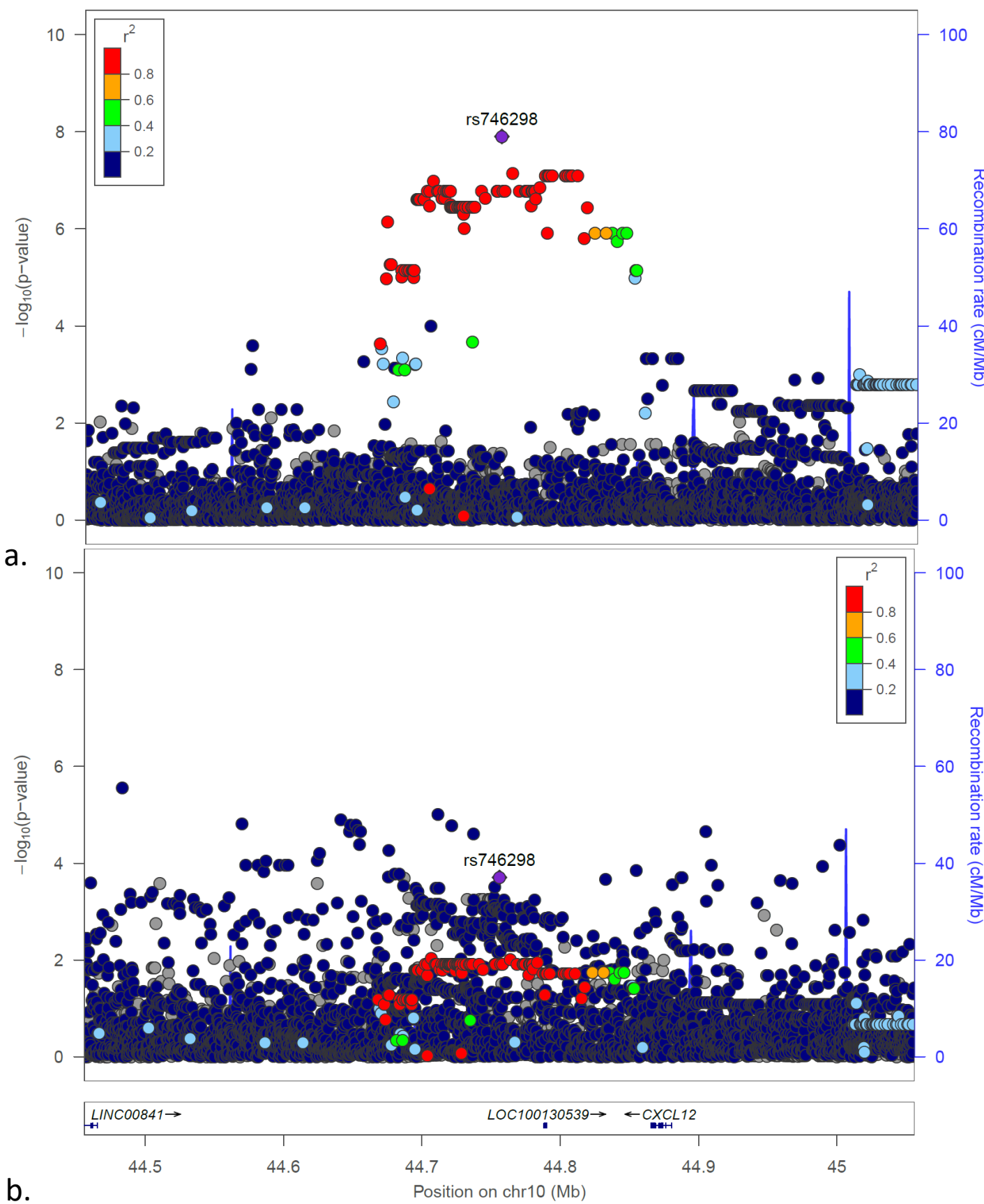
Supplementary Figure 2. The LocusZoom plots for the *FAM49A/RAD51AP2* locus (rs56806432). (a) The plot of the association tests of T1D patients with low T1D PRS compared to controls with low T1D PRS; (b) The plot of the association tests of all T1D patients compared to all controls.



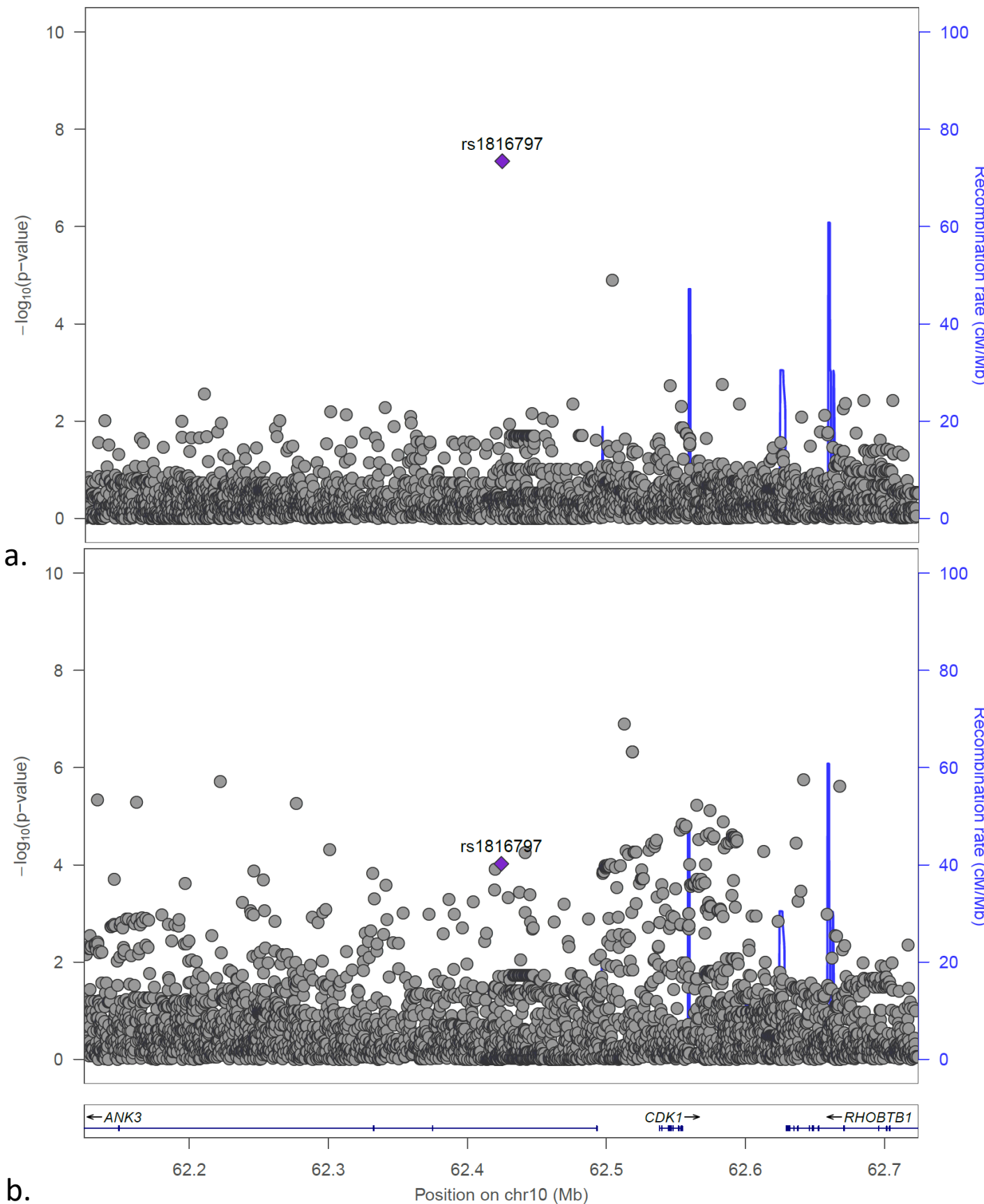
Supplementary Figure 3. The LocusZoom plots for the *LOC730100* locus (rs28957087). (a) The plot of the association tests of T1D patients with low T1D PRS compared to controls with low T1D PRS; (b) The plot of the association tests of all T1D patients compared to all controls.



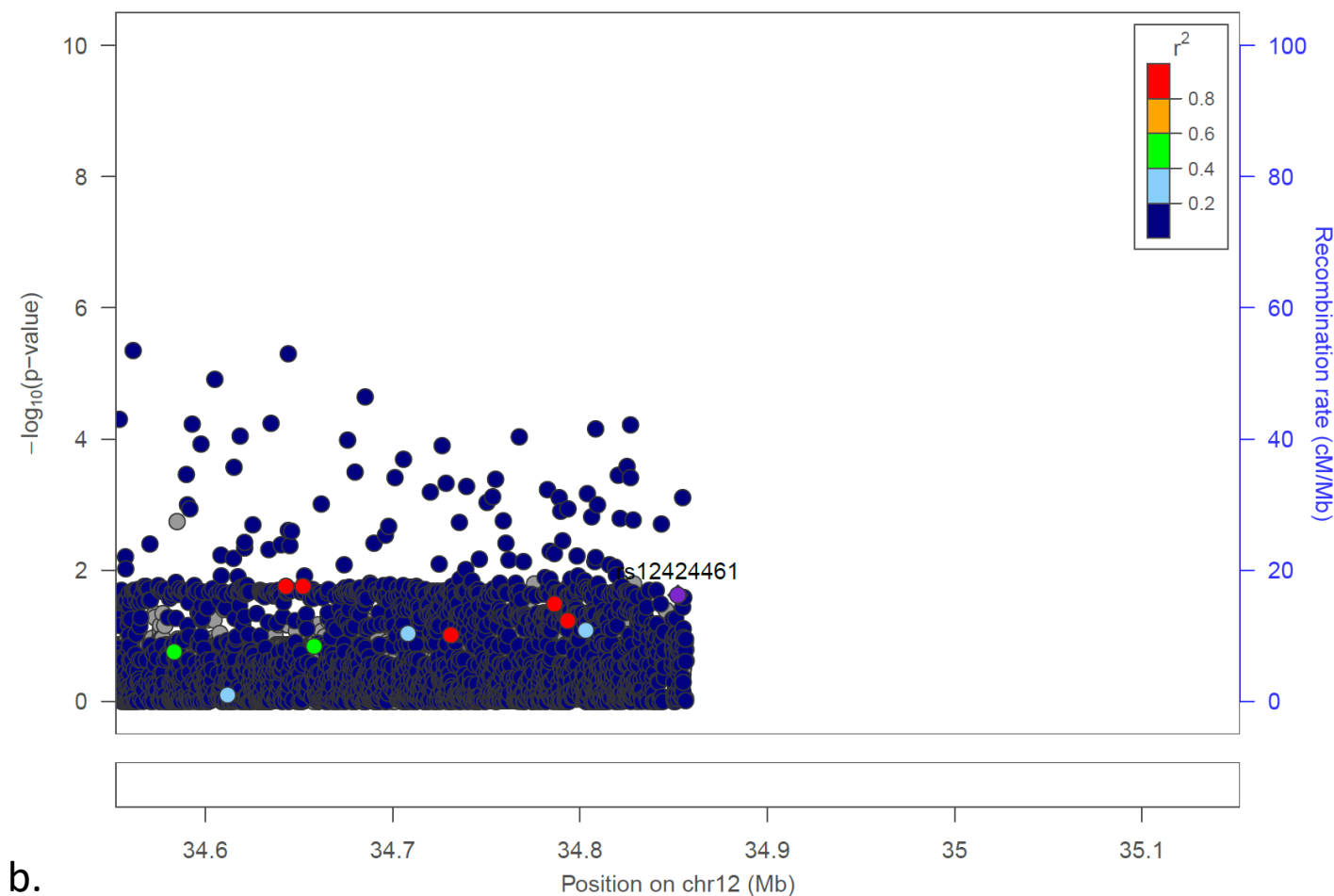
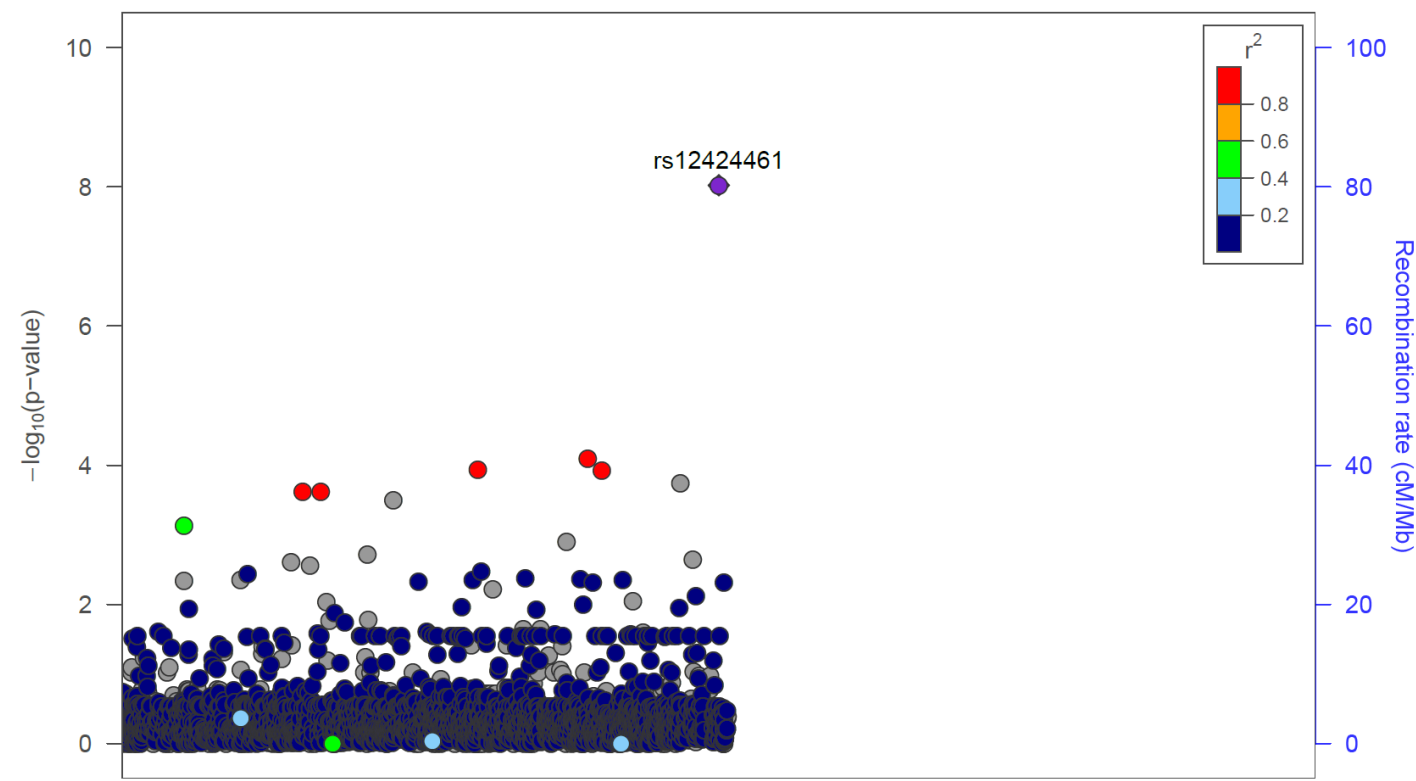
Supplementary Figure 4. The LocusZoom plots for the *NFIB* locus (rs10961435). (a) The plot of the association tests of T1D patients with low T1D PRS compared to controls with low T1D PRS; (b) The plot of the association tests of all T1D patients compared to all controls.



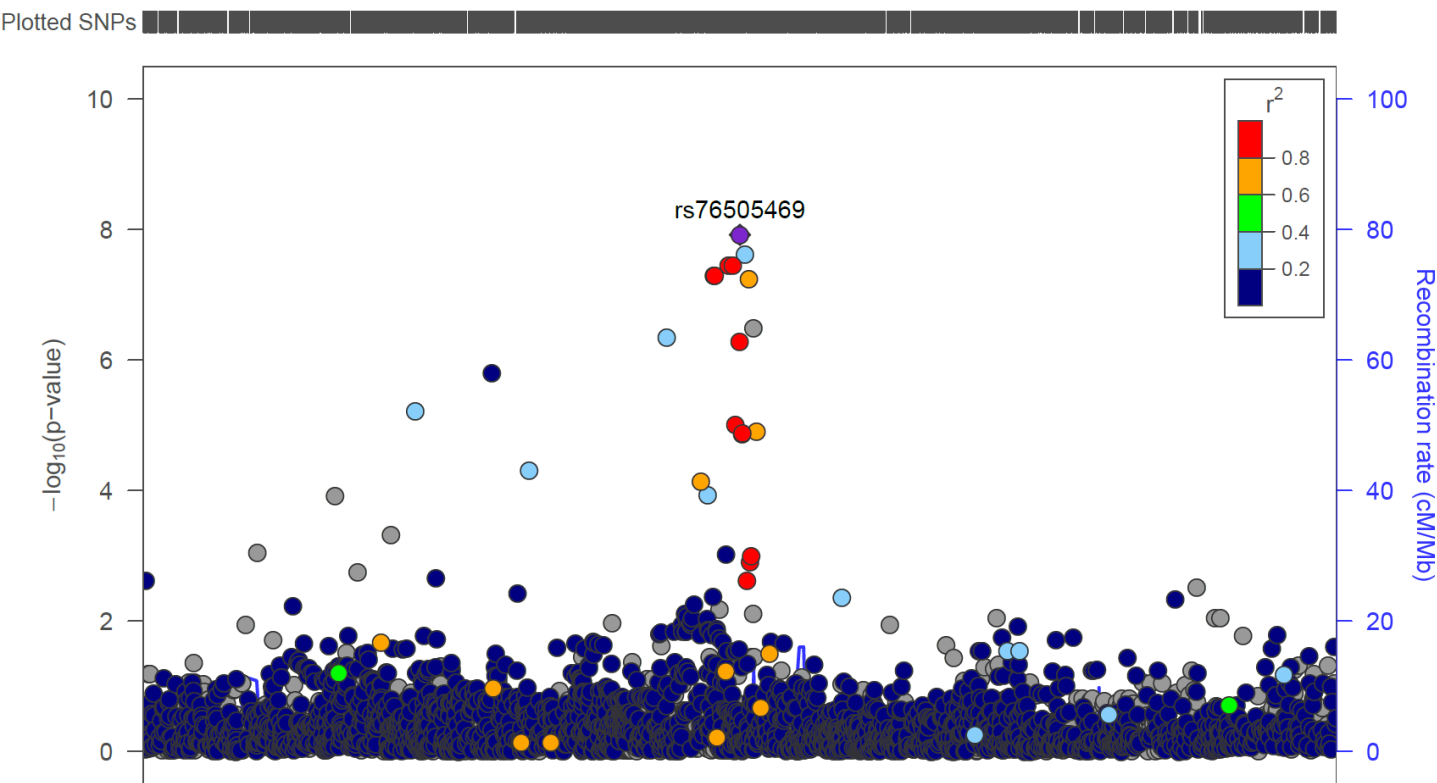
Supplementary Figure 5. The LocusZoom plots for the *LINC00841/C10orf142* locus (rs746298). (a) The plot of the association tests of T1D patients with low T1D PRS compared to controls with low T1D PRS; (b) The plot of the association tests of all T1D patients compared to all controls.



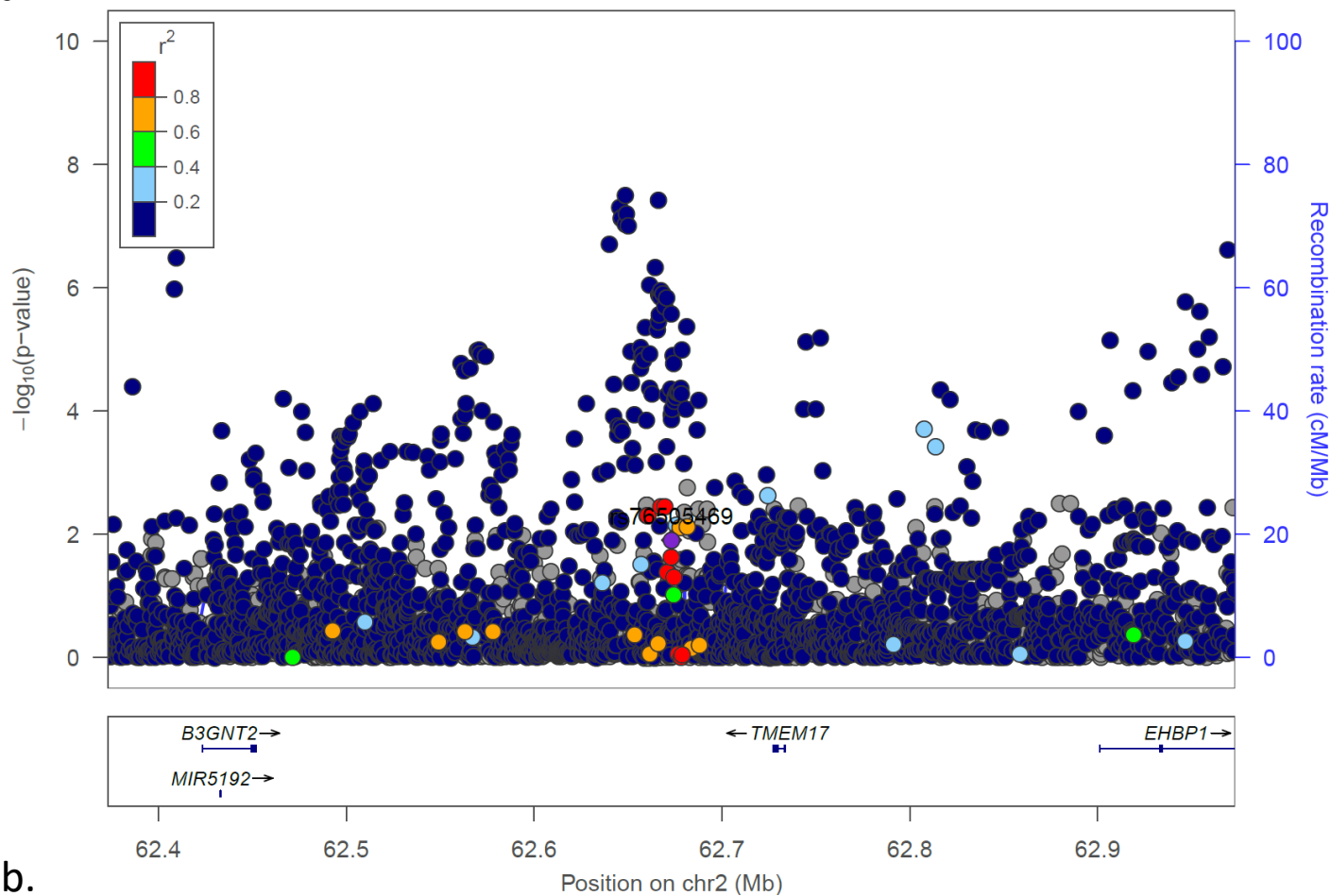
Supplementary Figure 6. The LocusZoom plots for the ANK3 locus (rs1816797). (a) The plot of the association tests of T1D patients with low T1D PRS compared to controls with low T1D PRS; (b) The plot of the association tests of all T1D patients compared to all controls.



Supplementary Figure 7. The LocusZoom plots for the *ALG10* locus (rs12424461). (a) The plot of the association tests of T1D patients with low T1D PRS compared to controls with low T1D PRS; (b) The plot of the association tests of all T1D patients compared to all controls.

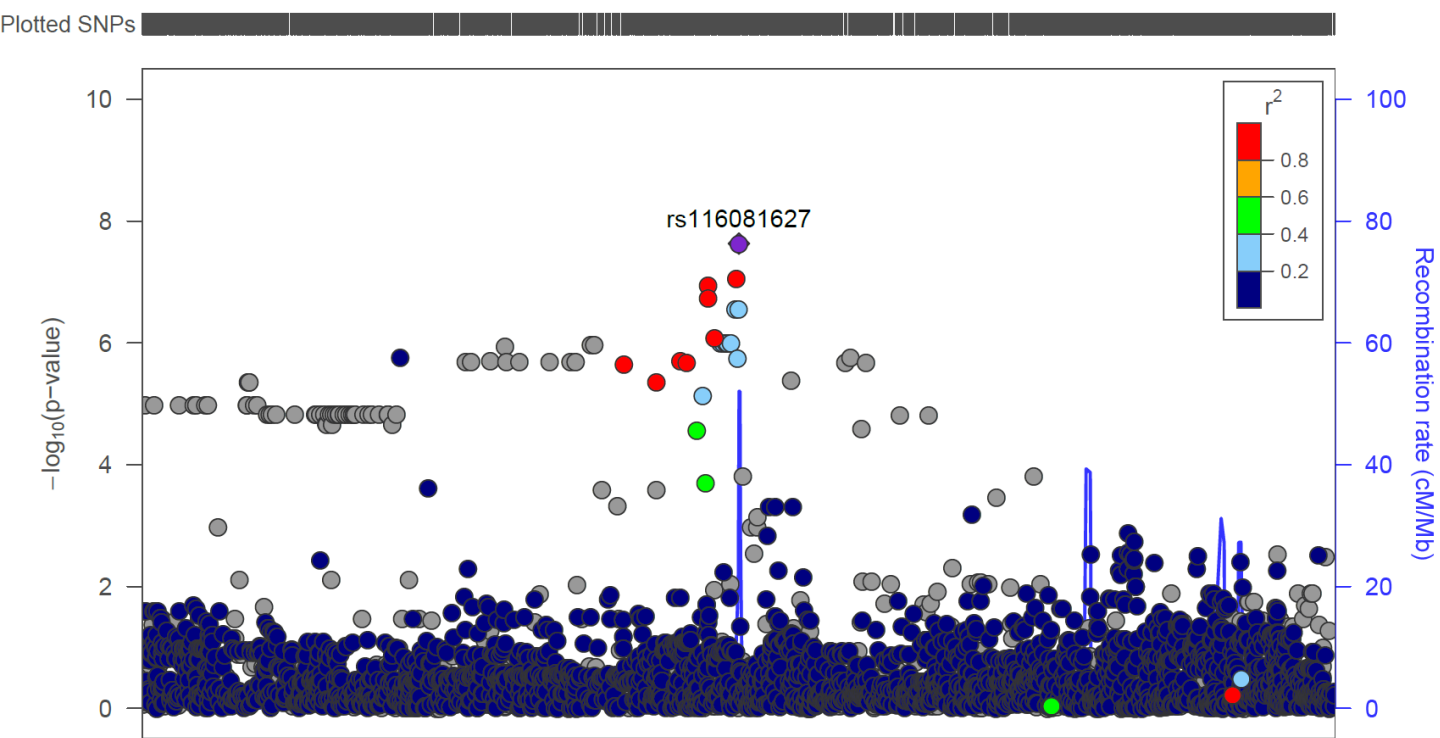


a.

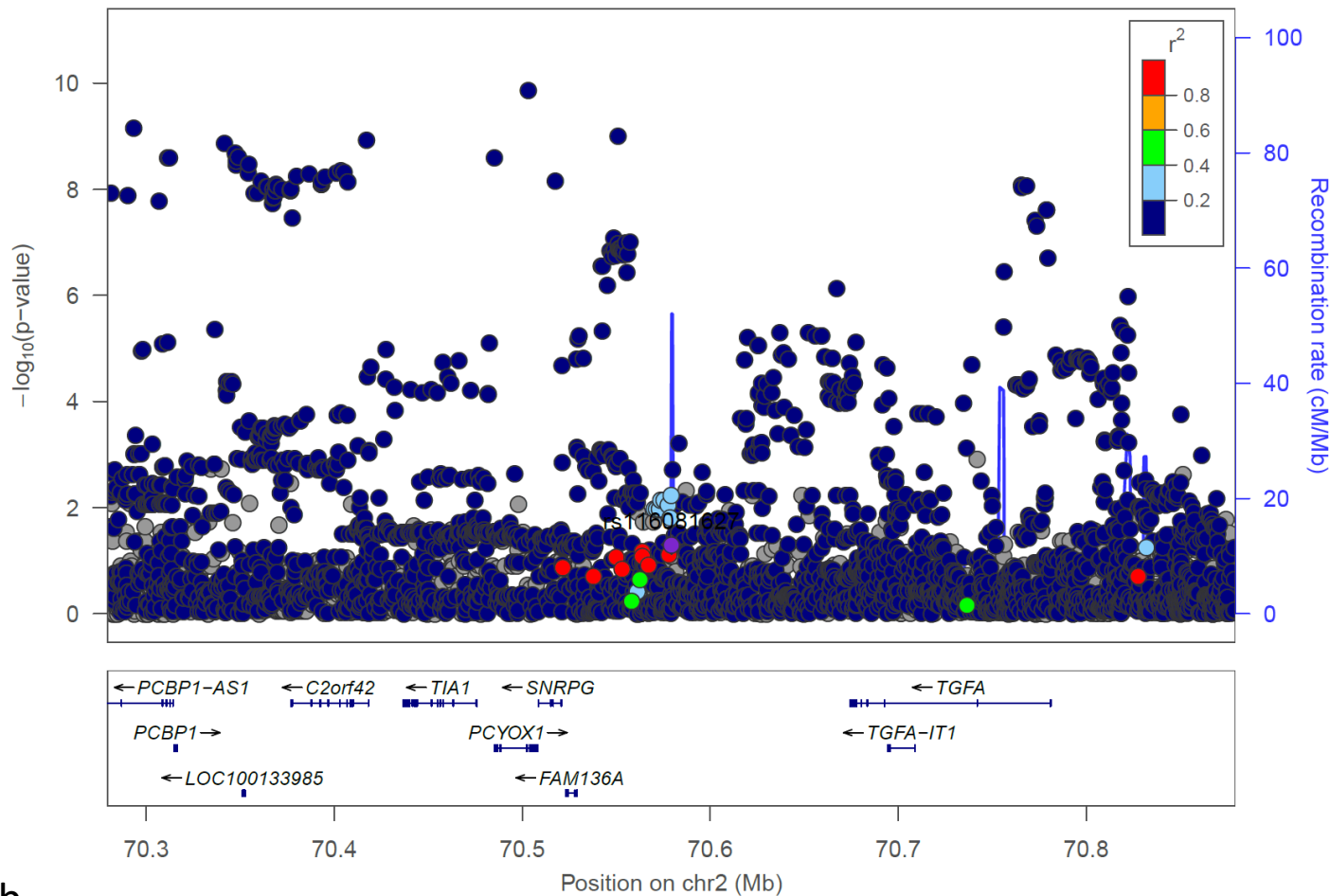


b.

Supplementary Figure 8. The LocusZoom plots for the *B3GNT2/TMEM17* locus (rs76505469). (a) The plot of the association tests of T1D patients with low T1D PRS compared to controls with low T1D PRS; (b) The plot of the association tests of all T1D patients compared to all controls.

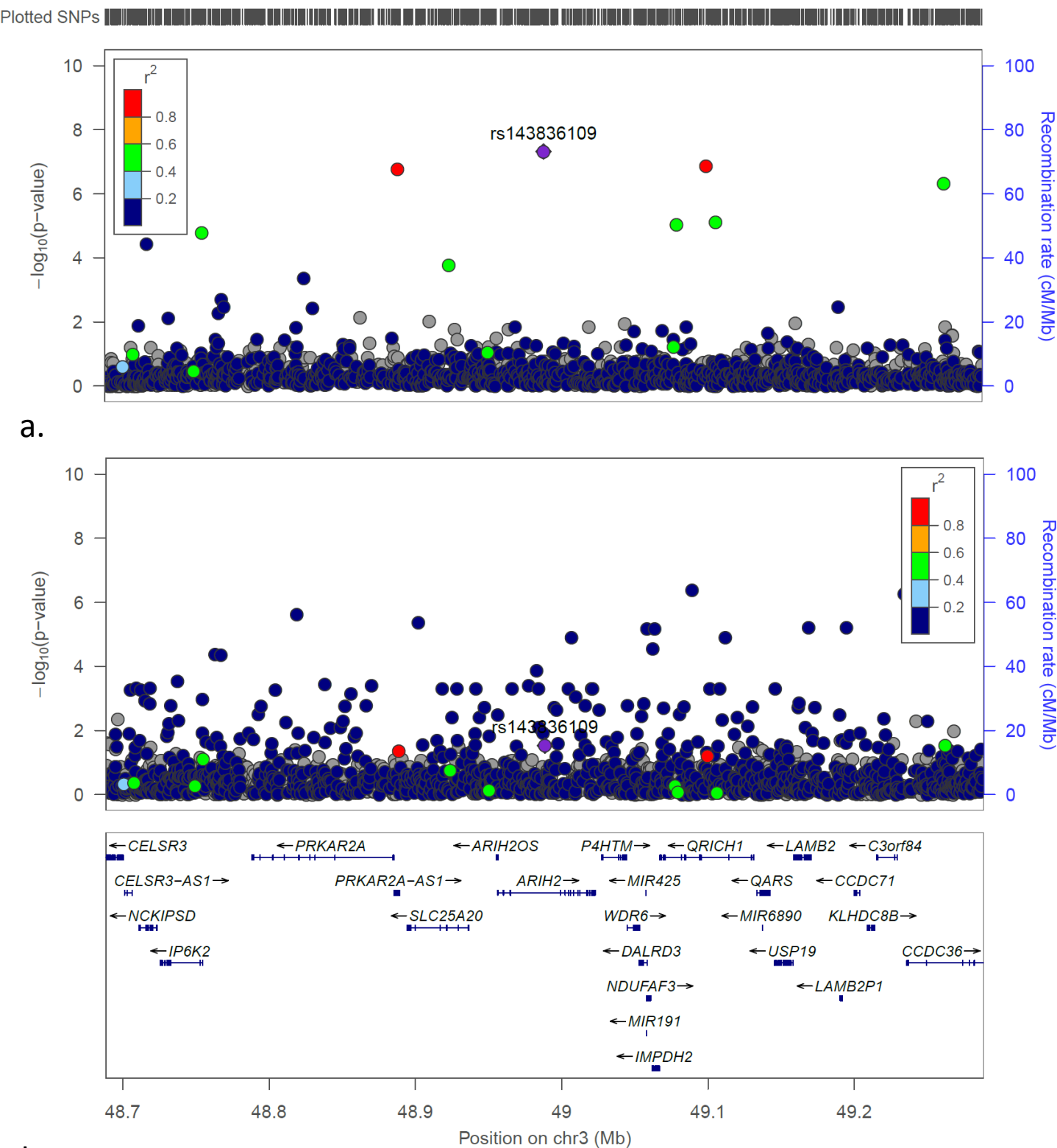


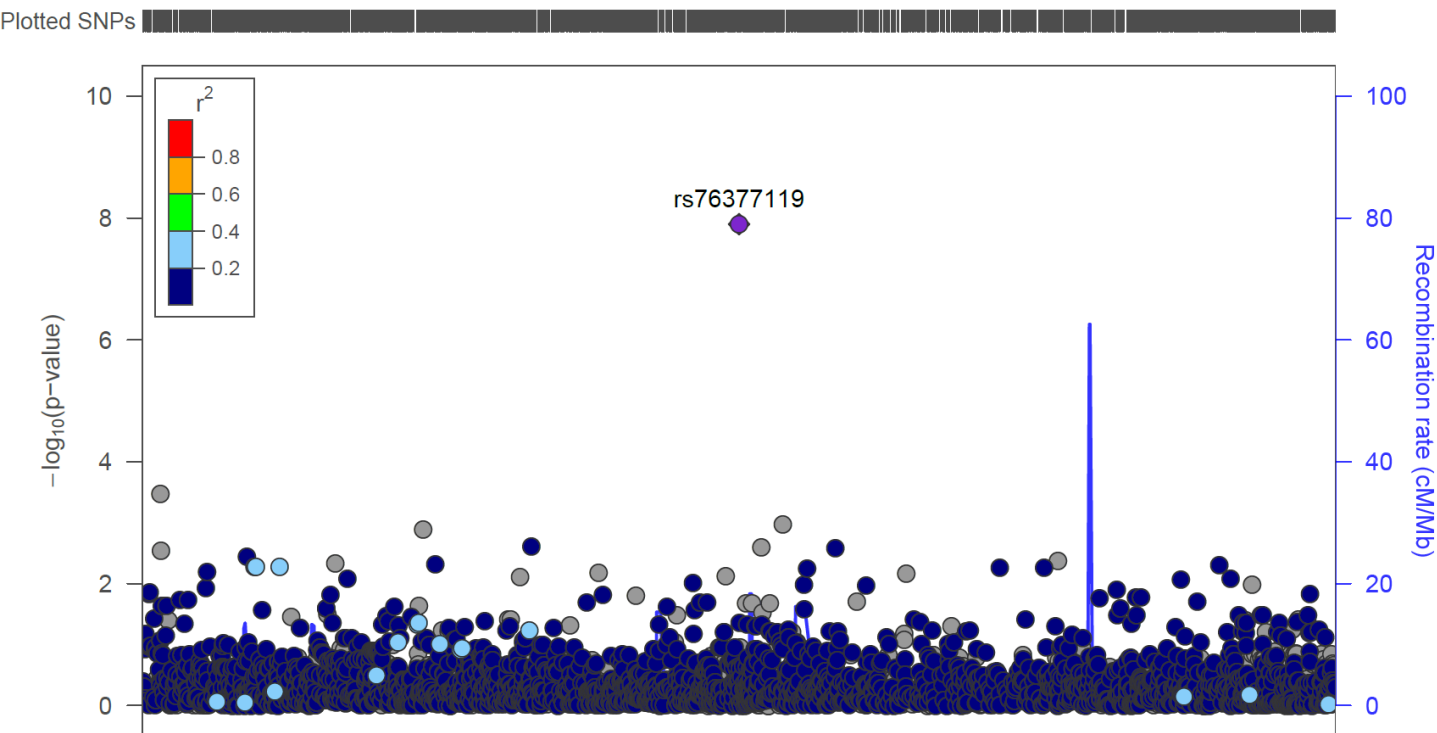
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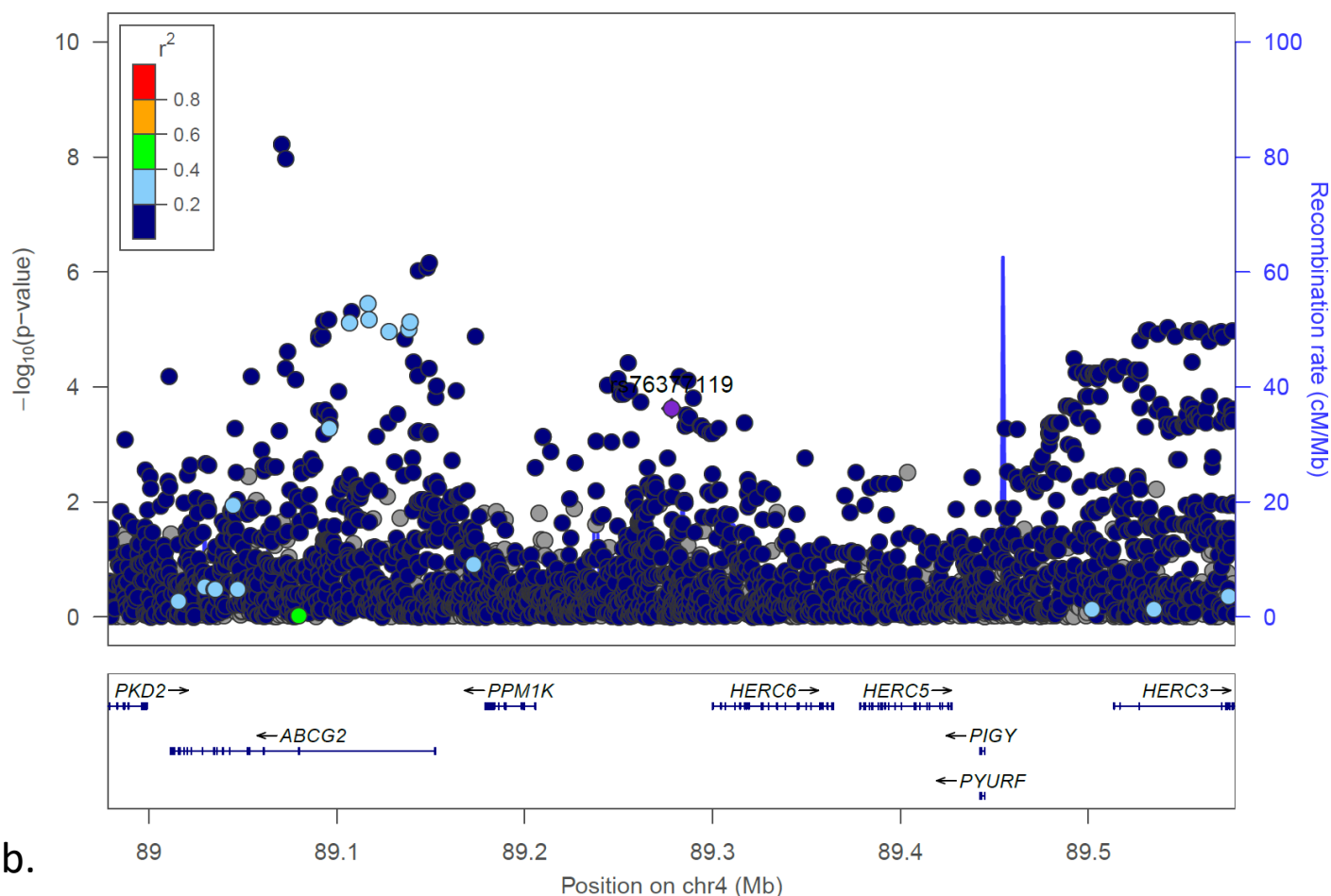
b.

Supplementary Figure 9. The LocusZoom plots for the *FAM136A/TGFA* locus (rs116081627). (a) The plot of the association tests of T1D patients with low T1D PRS compared to controls with low T1D PRS; (b) The plot of the association tests of all T1D patients compared to all controls.



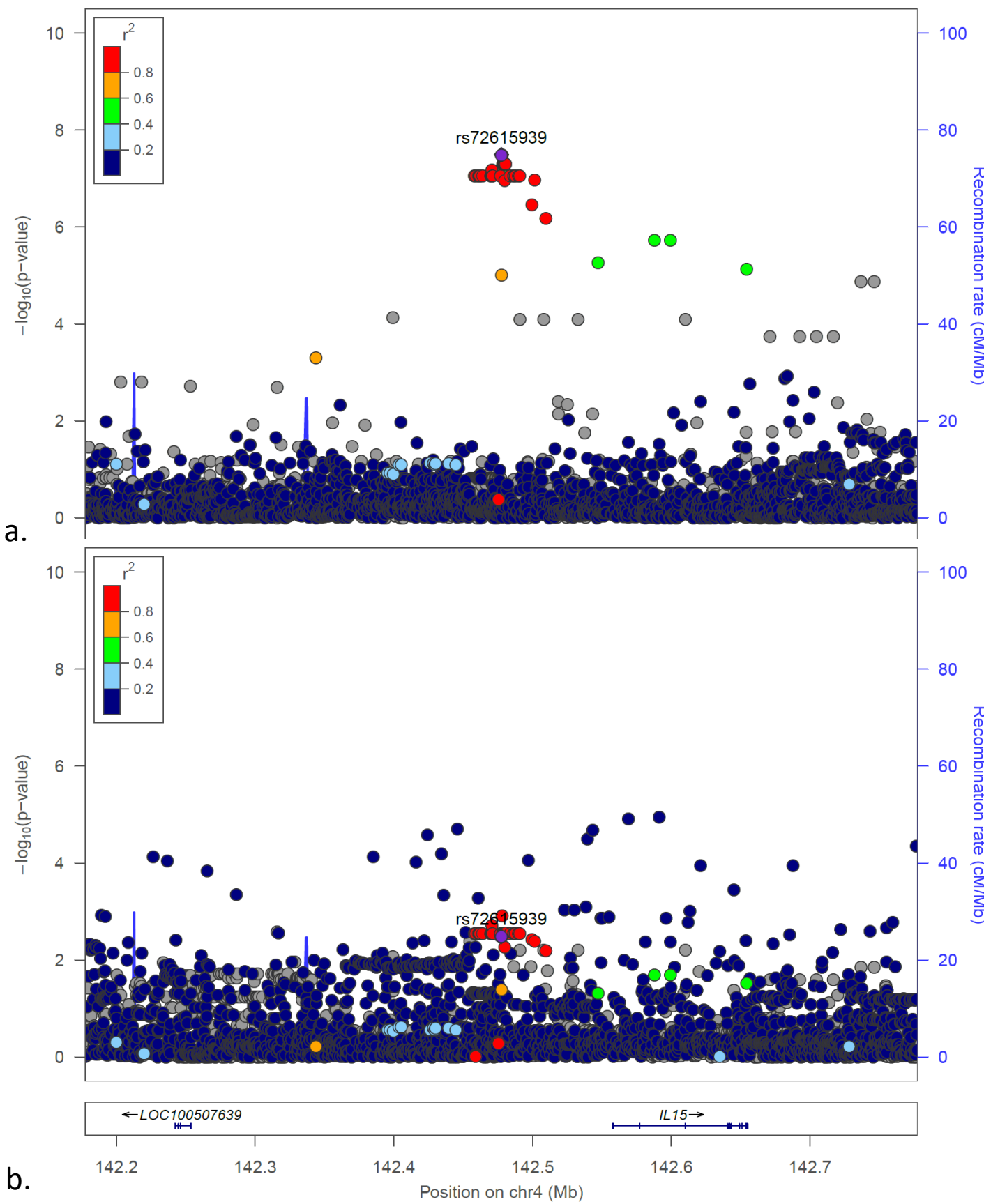


a.

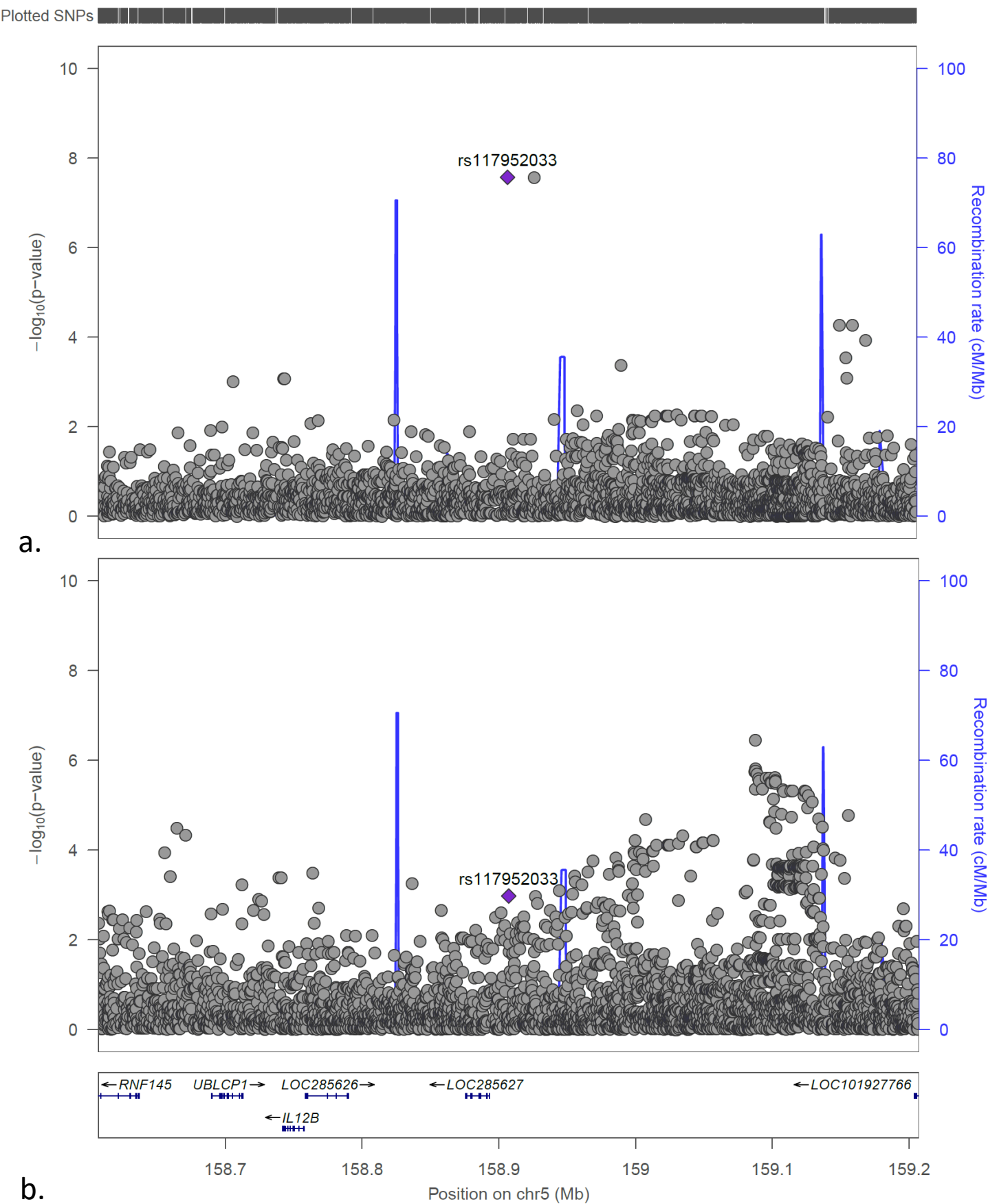


b.

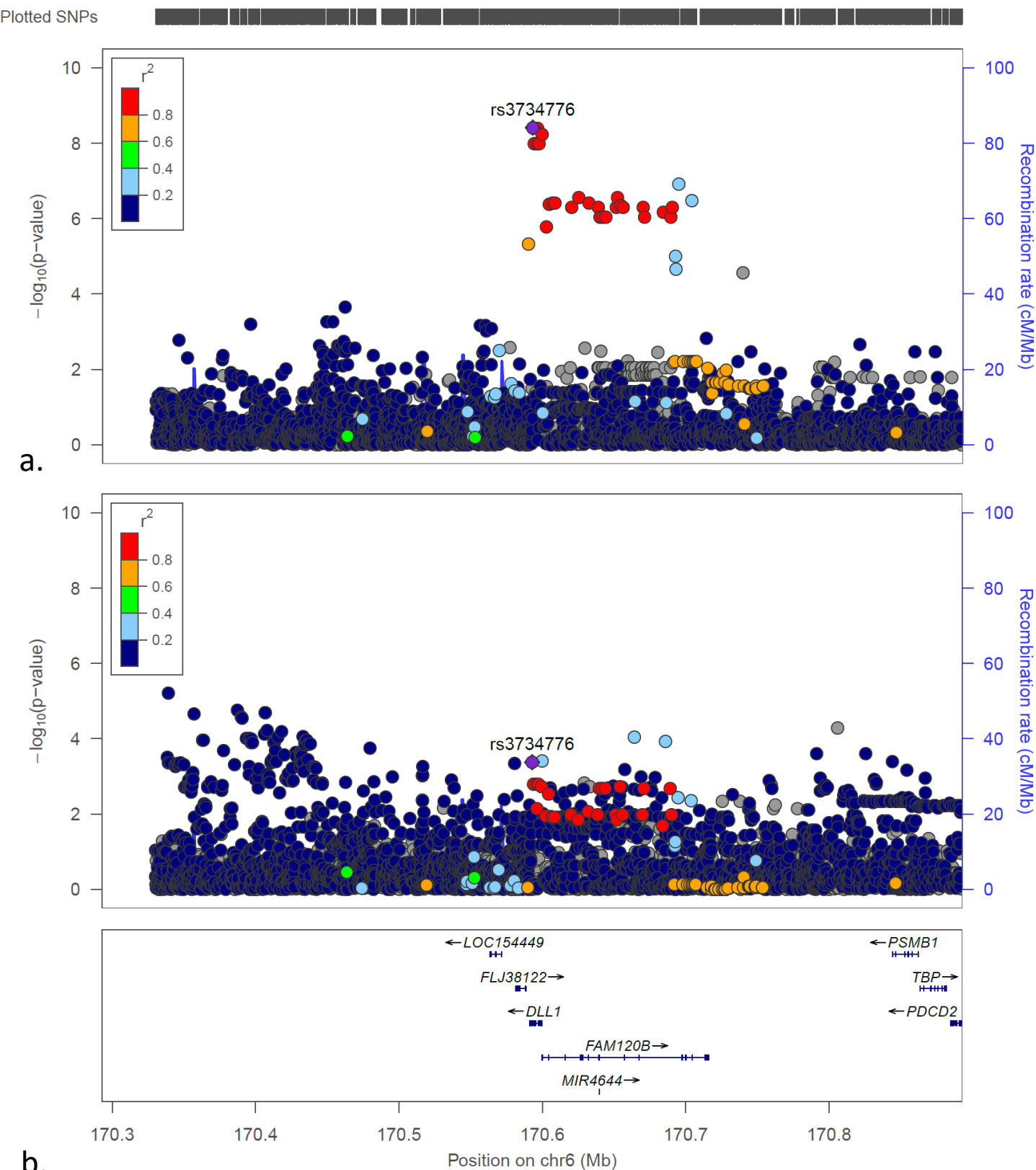
Supplementary Figure 11. The LocusZoom plots for the *LOC105369192/HERC6* locus (rs76377119). (a) The plot of the association tests of T1D patients with low T1D PRS compared to controls with low T1D PRS; (b) The plot of the association tests of all T1D patients compared to all controls.



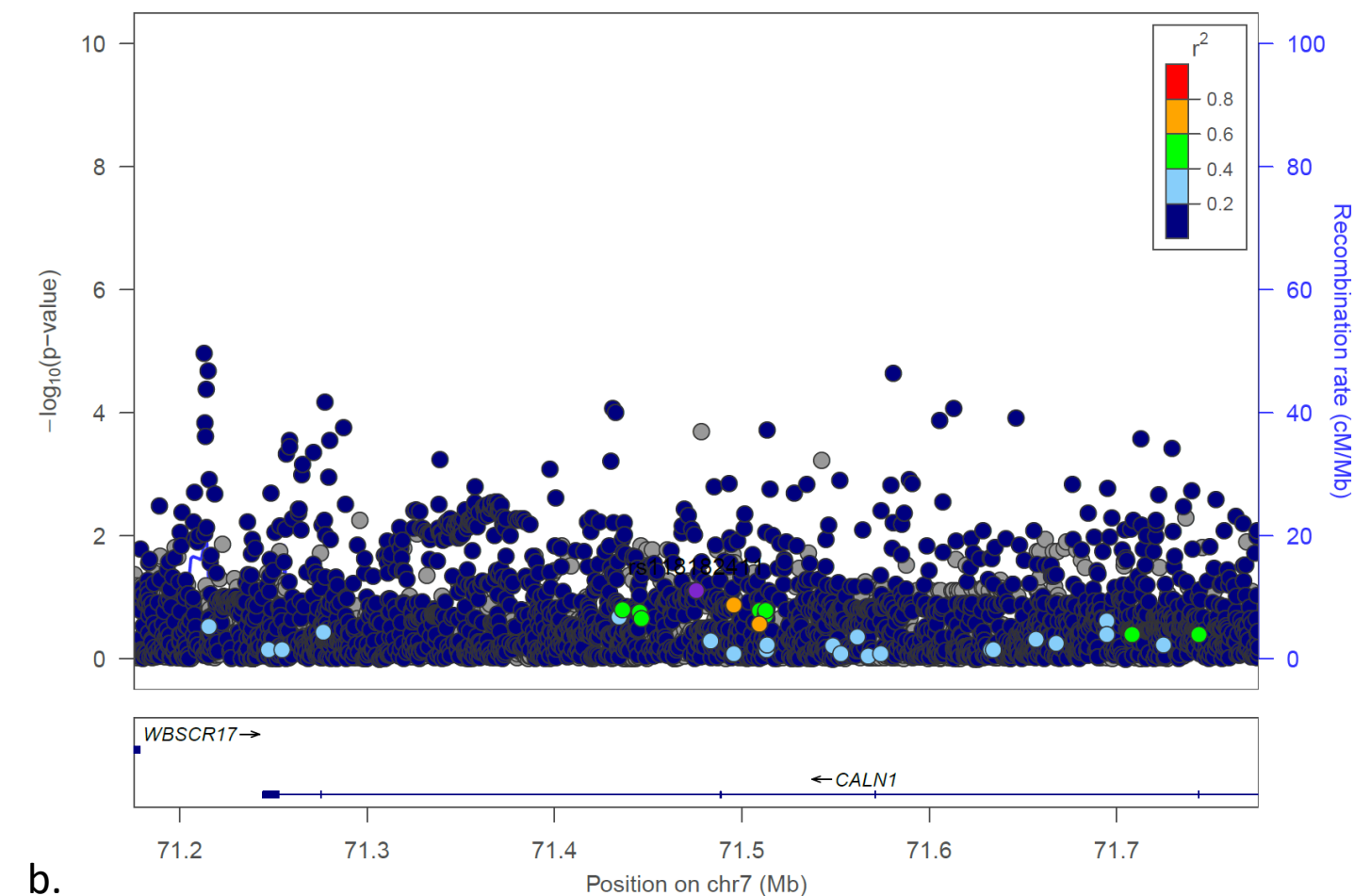
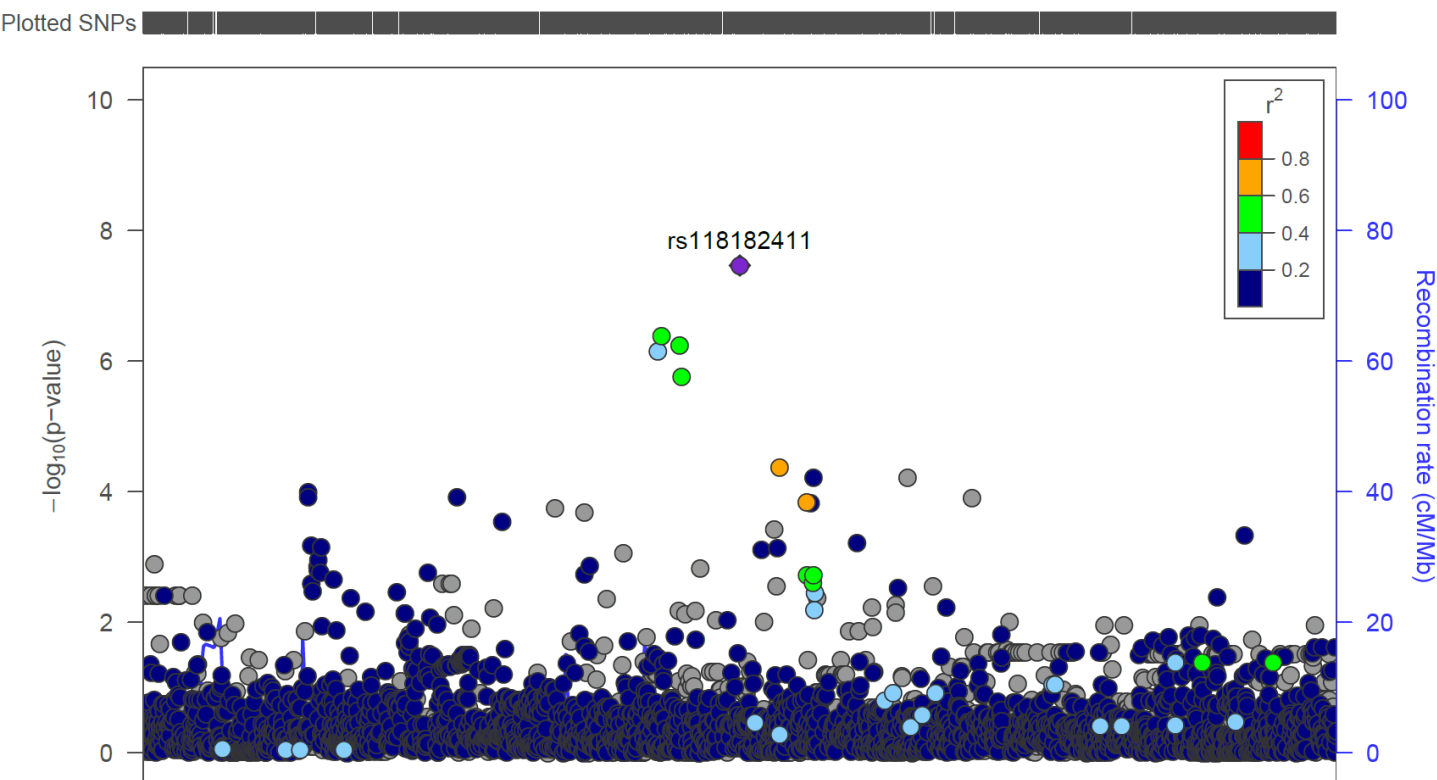
Supplementary Figure 12. The LocusZoom plots for the *LINC02432/IL15* locus (rs72615939). (a) The plot of the association tests of T1D patients with low T1D PRS compared to controls with low T1D PRS; (b) The plot of the association tests of all T1D patients compared to all controls.



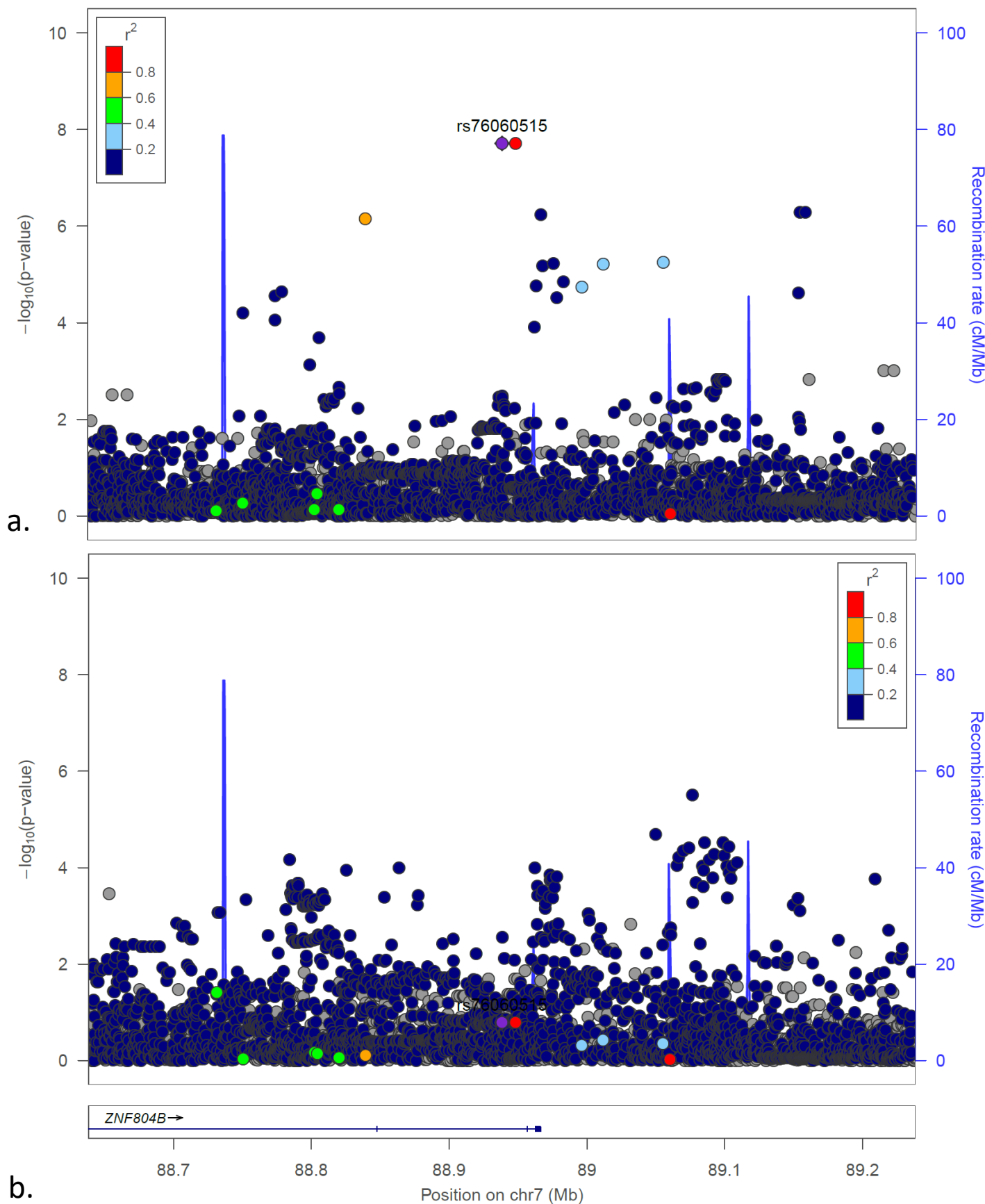
Supplementary Figure 13. The LocusZoom plots for the *LINC01845/LINC01847* locus (rs117952033). (a) The plot of the association tests of T1D patients with low T1D PRS compared to controls with low T1D PRS; (b) The plot of the association tests of all T1D patients compared to all controls.



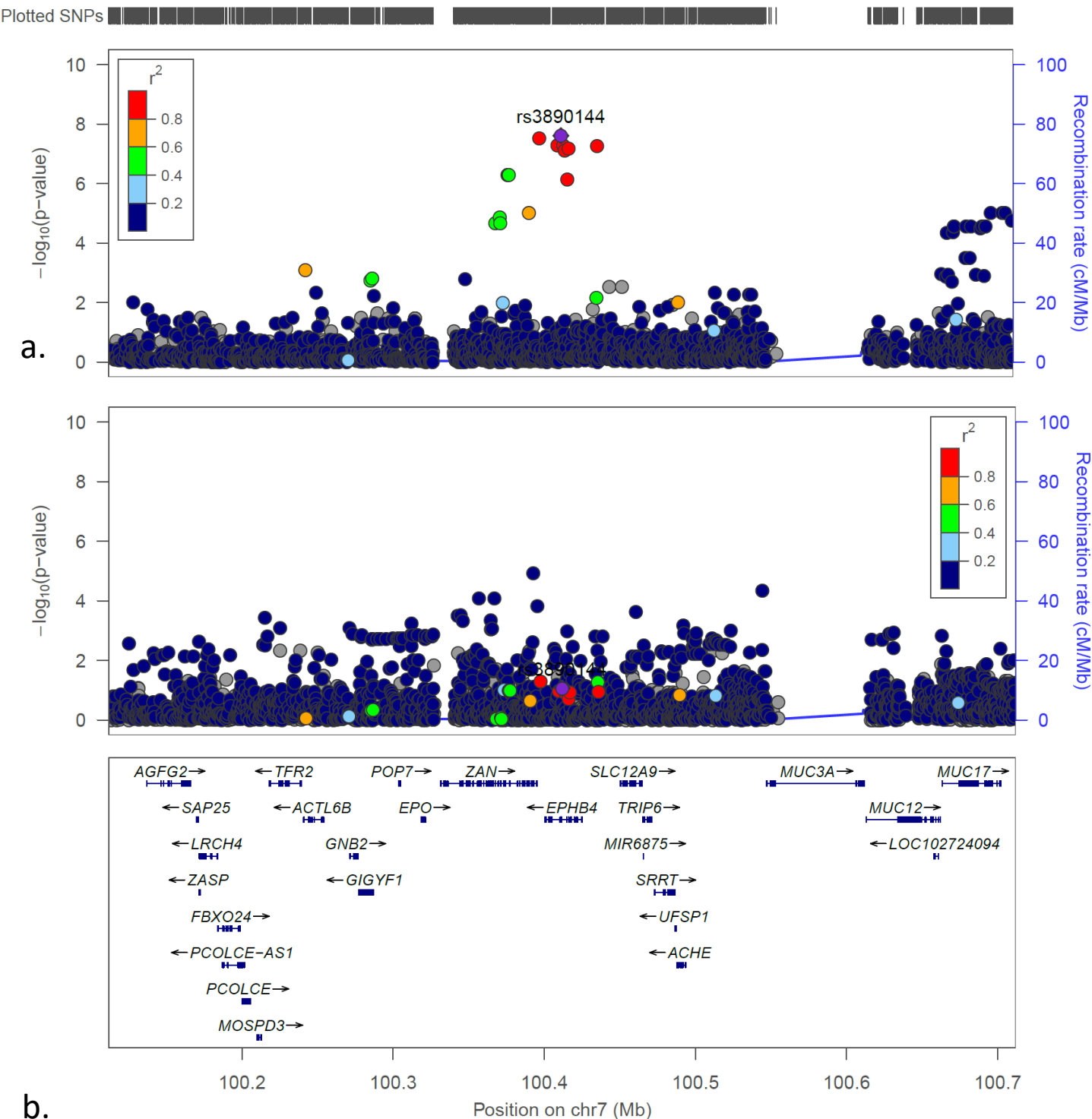
Supplementary Figure 14. The LocusZoom plots for the *DLL1* locus (rs3734776). (a) The plot of the association tests of T1D patients with low T1D PRS compared to controls with low T1D PRS; (b) The plot of the association tests of all T1D patients compared to all controls.



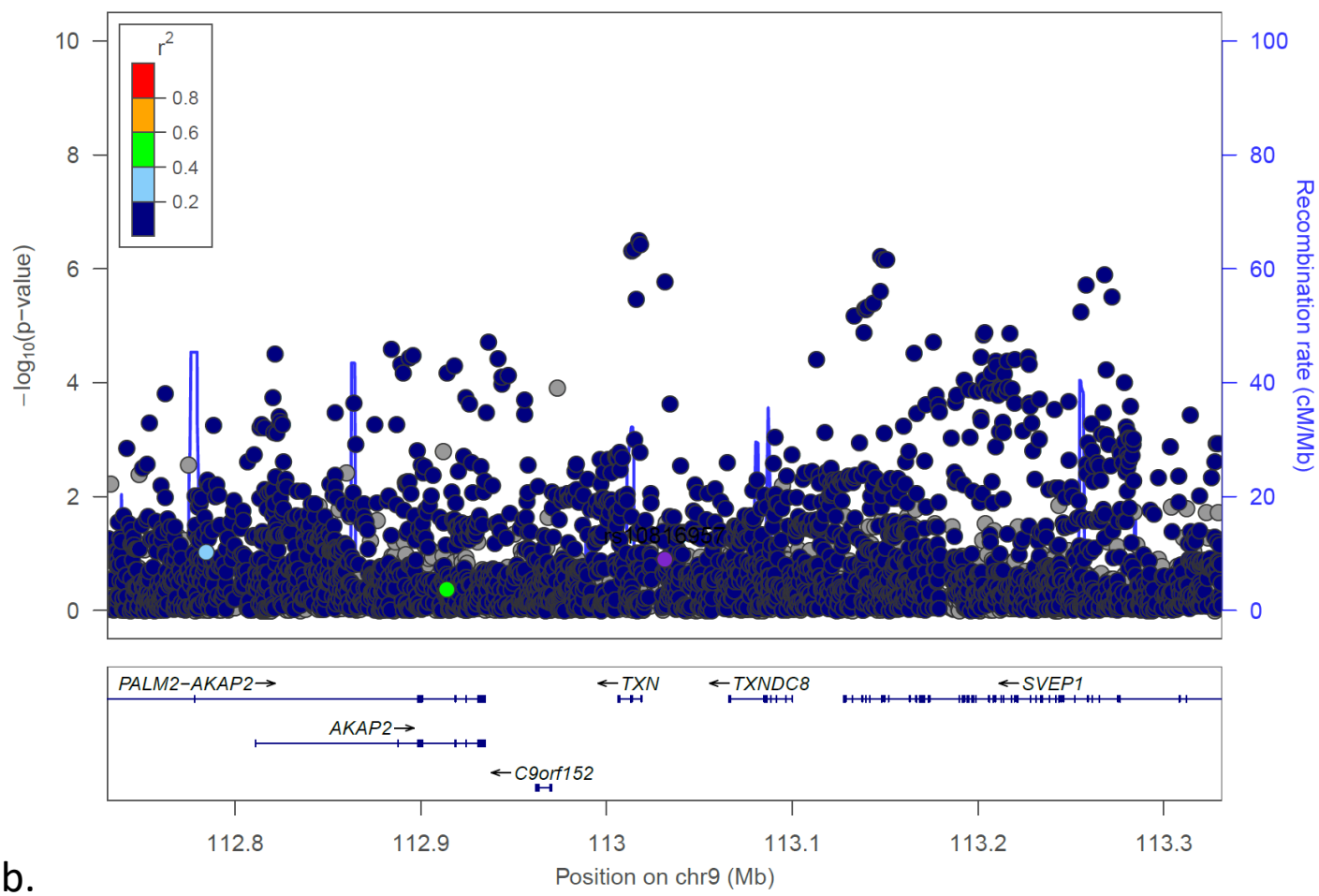
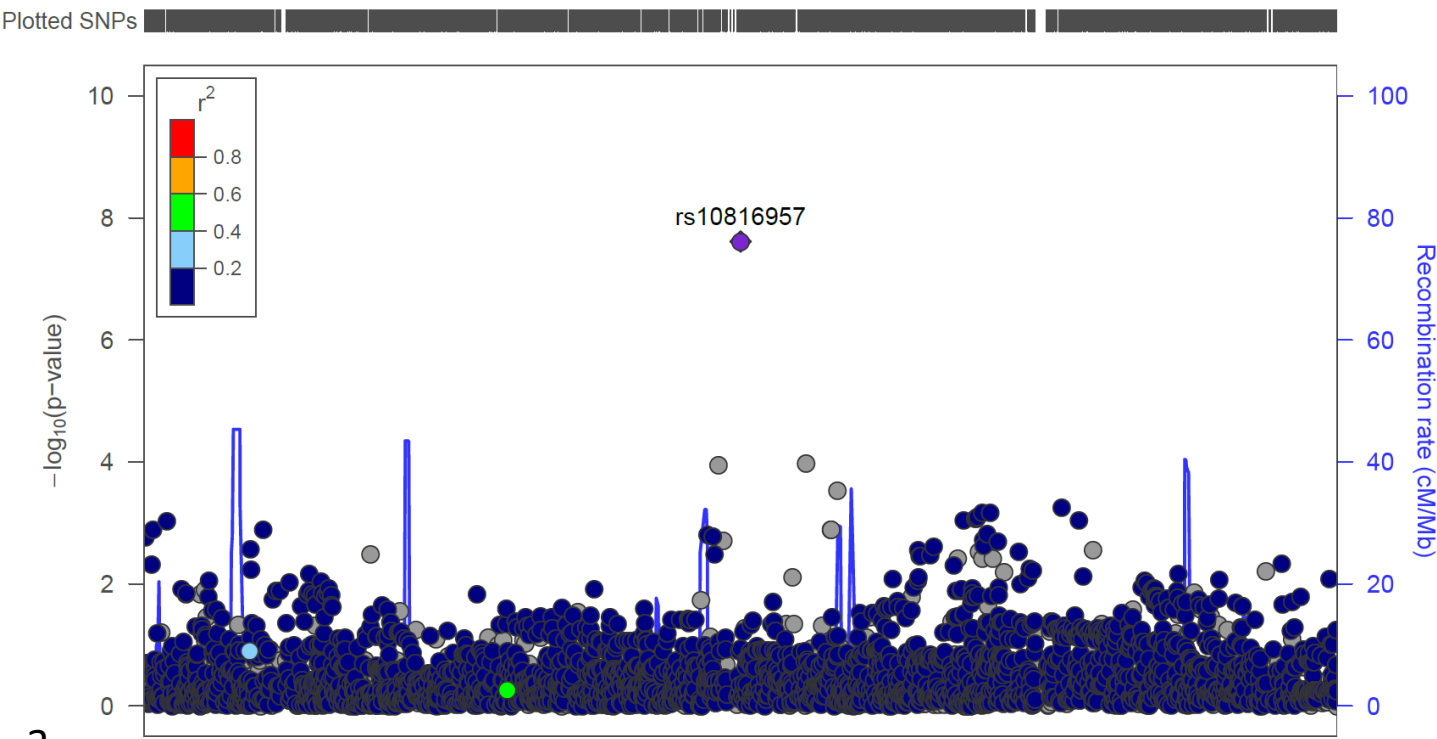
Supplementary Figure 15. The LocusZoom plots for the *CALN1* locus (rs118182411). (a) The plot of the association tests of T1D patients with low T1D PRS compared to controls with low T1D PRS; (b) The plot of the association tests of all T1D patients compared to all controls.



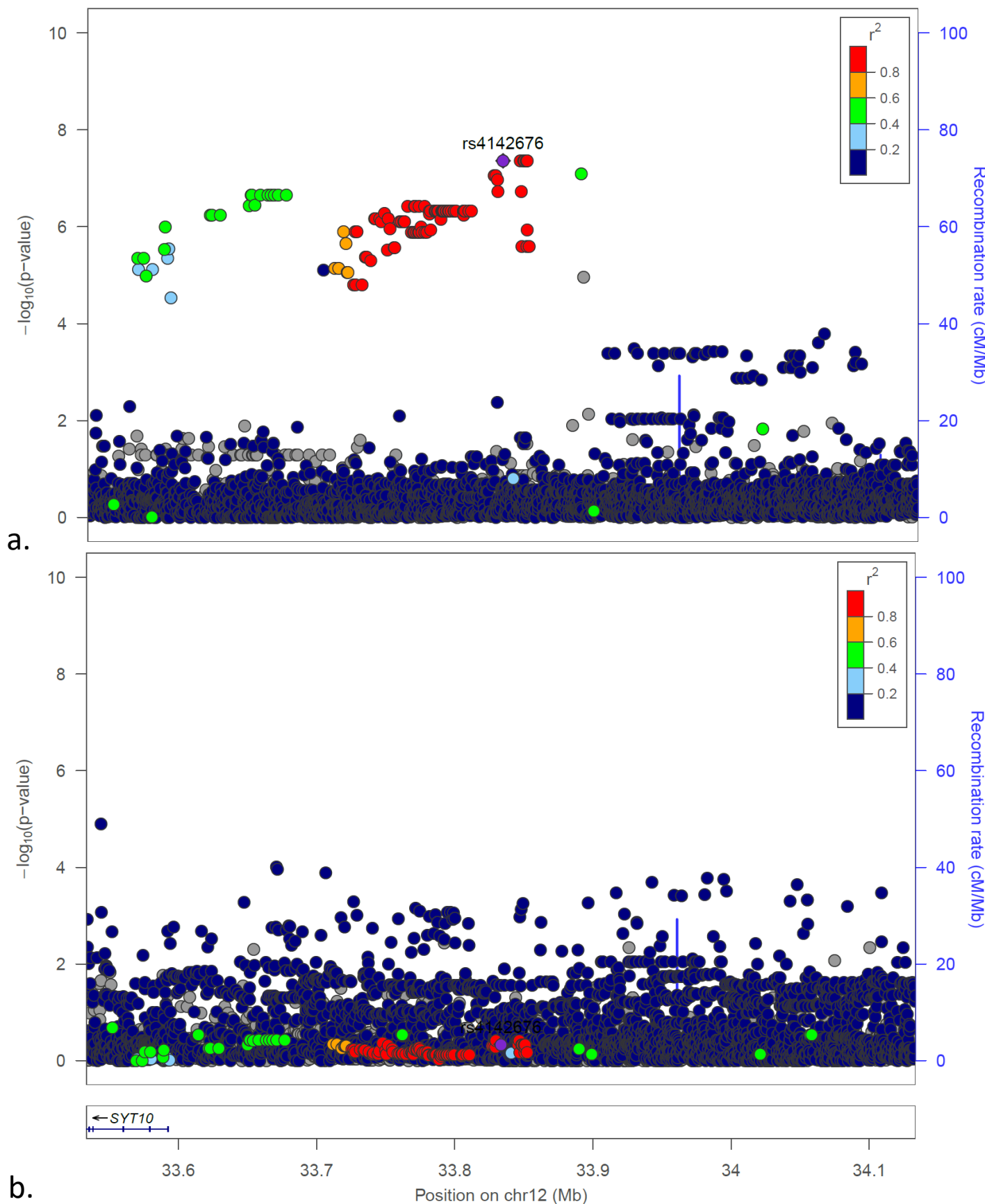
Supplementary Figure 16. The LocusZoom plots for the *ZNF804B* locus (rs76060515). (a) The plot of the association tests of T1D patients with low T1D PRS compared to controls with low T1D PRS; (b) The plot of the association tests of all T1D patients compared to all controls.



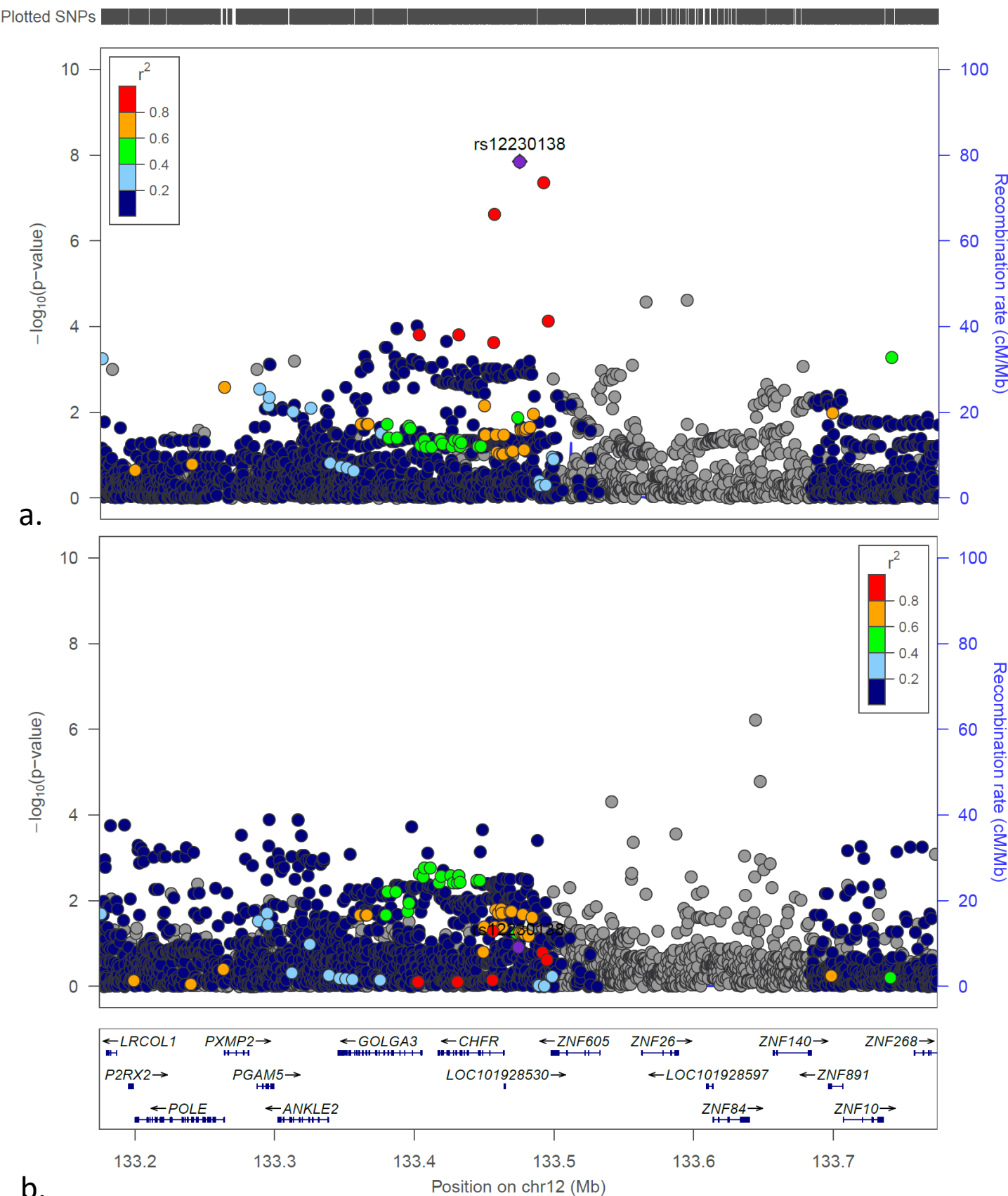
Supplementary Figure 17. The LocusZoom plots for the *EPHB4* locus (rs3890144). (a) The plot of the association tests of T1D patients with low T1D PRS compared to controls with low T1D PRS; (b) The plot of the association tests of all T1D patients compared to all controls.



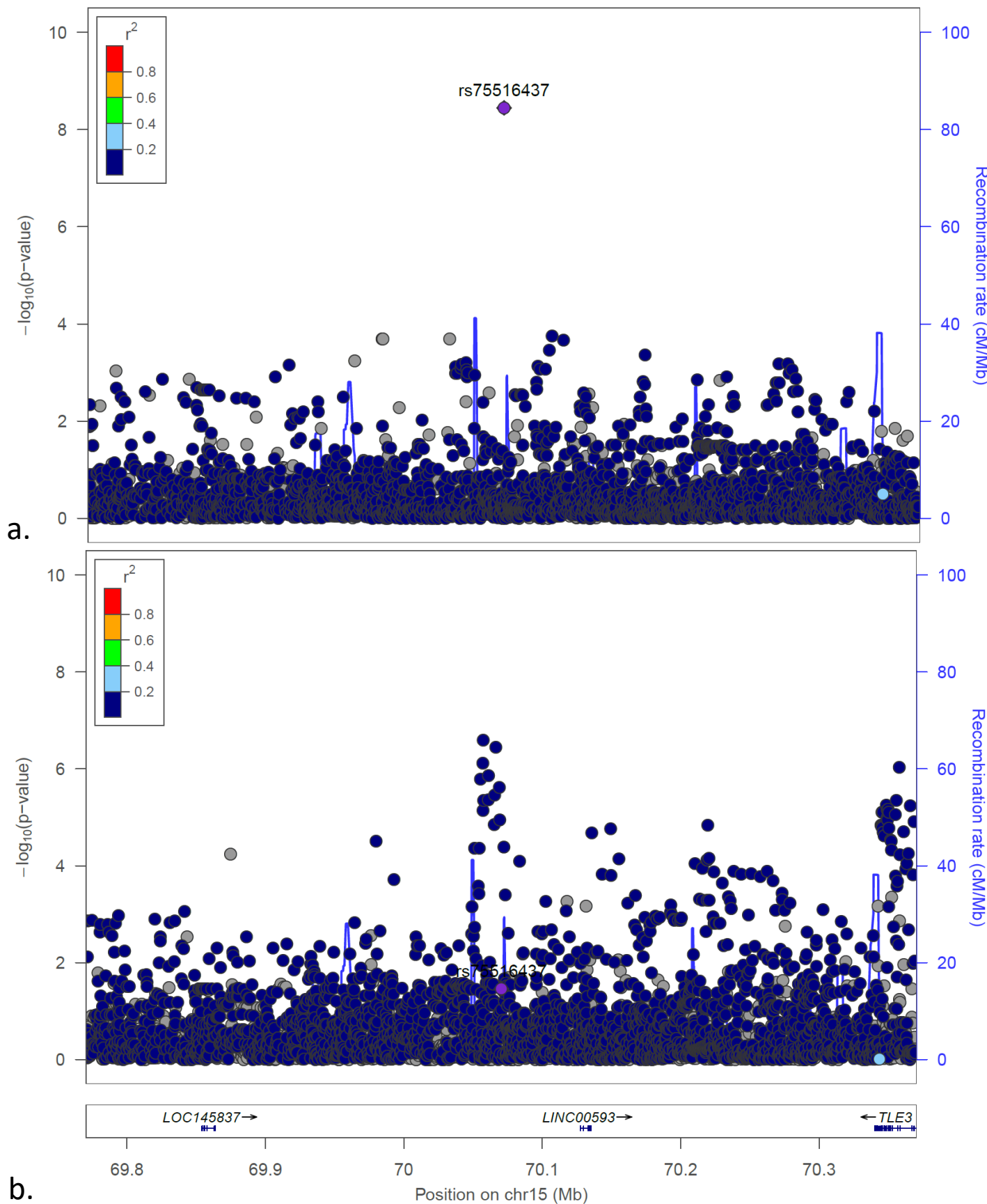
Supplementary Figure 18. The LocusZoom plots for the *TXN/TXNDC8* locus (rs10816957). (a) The plot of the association tests of T1D patients with low T1D PRS compared to controls with low T1D PRS; (b) The plot of the association tests of all T1D patients compared to all controls.



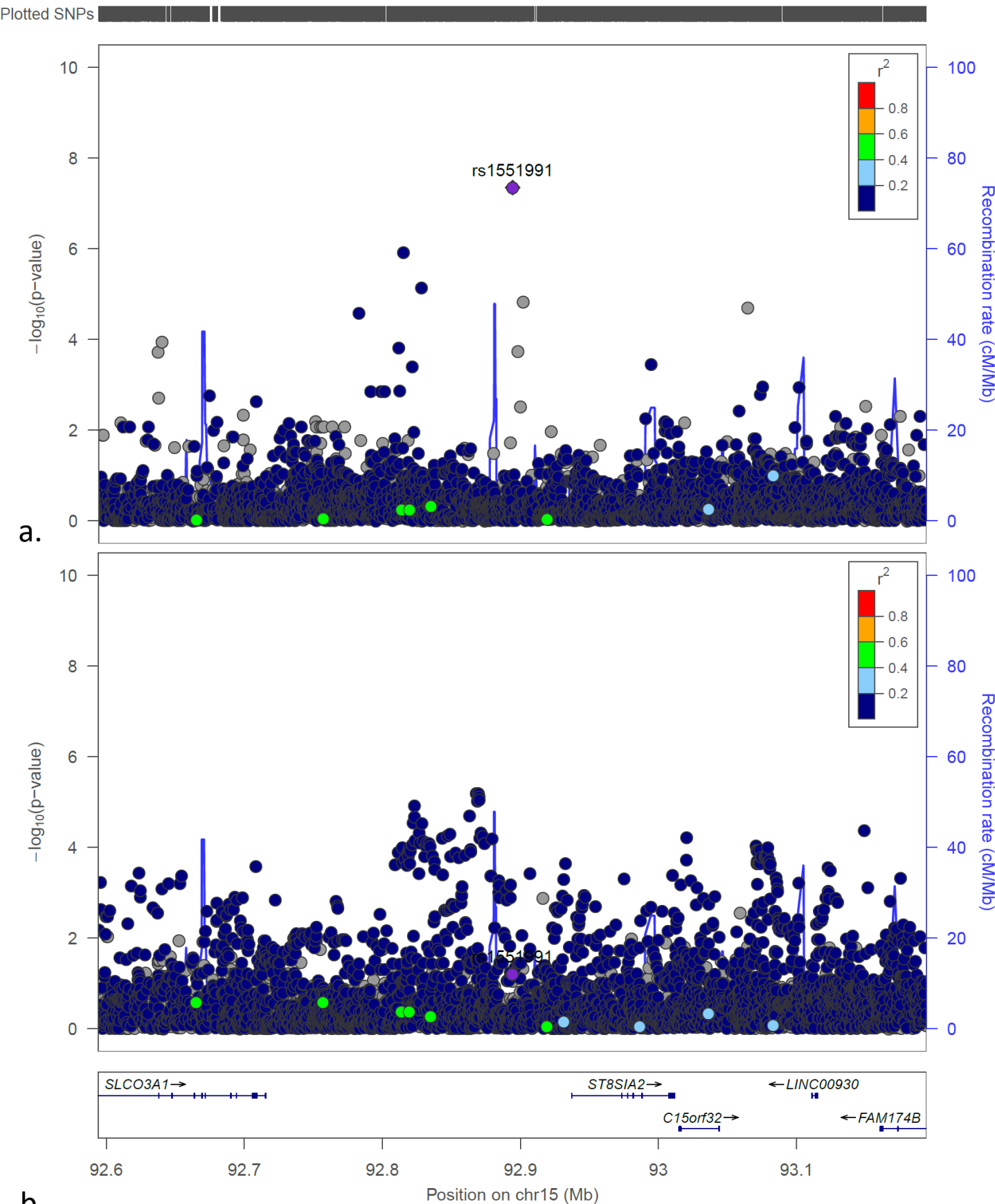
Supplementary Figure 19. The LocusZoom plots for the *SYT10/ALG10* locus (rs4142676). (a) The plot of the association tests of T1D patients with low T1D PRS compared to controls with low T1D PRS; (b) The plot of the association tests of all T1D patients compared to all controls.



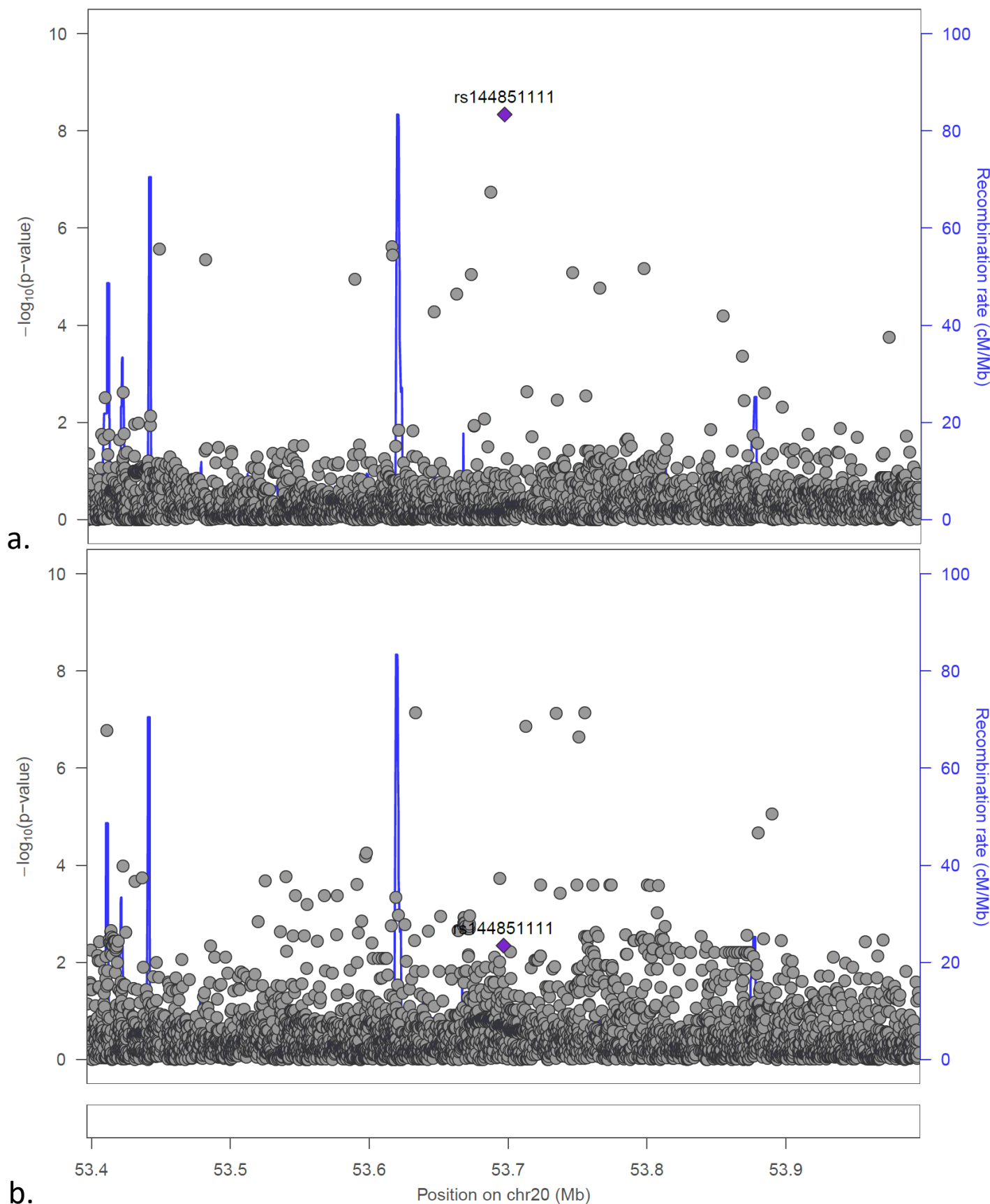
Supplementary Figure 20. The LocusZoom plots for the *LOC101928530/ZNF605* locus (rs12230138). (a) The plot of the association tests of T1D patients with low T1D PRS compared to controls with low T1D PRS; (b) The plot of the association tests of all T1D patients compared to all controls.



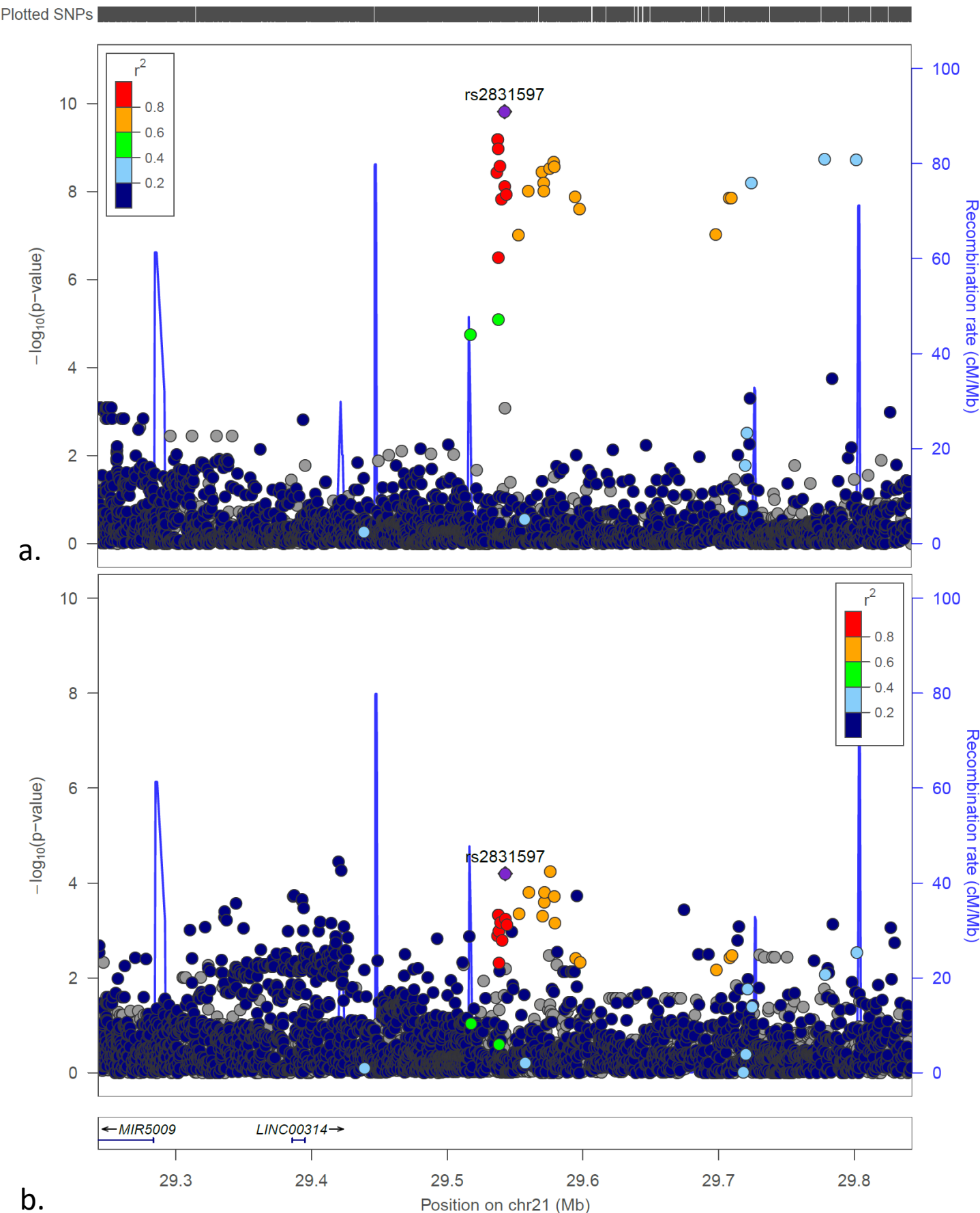
Supplementary Figure 21. The LocusZoom plots for the *PCAT29/LINC00593* locus (rs75516437). (a) The plot of the association tests of T1D patients with low T1D PRS compared to controls with low T1D PRS; (b) The plot of the association tests of all T1D patients compared to all controls.



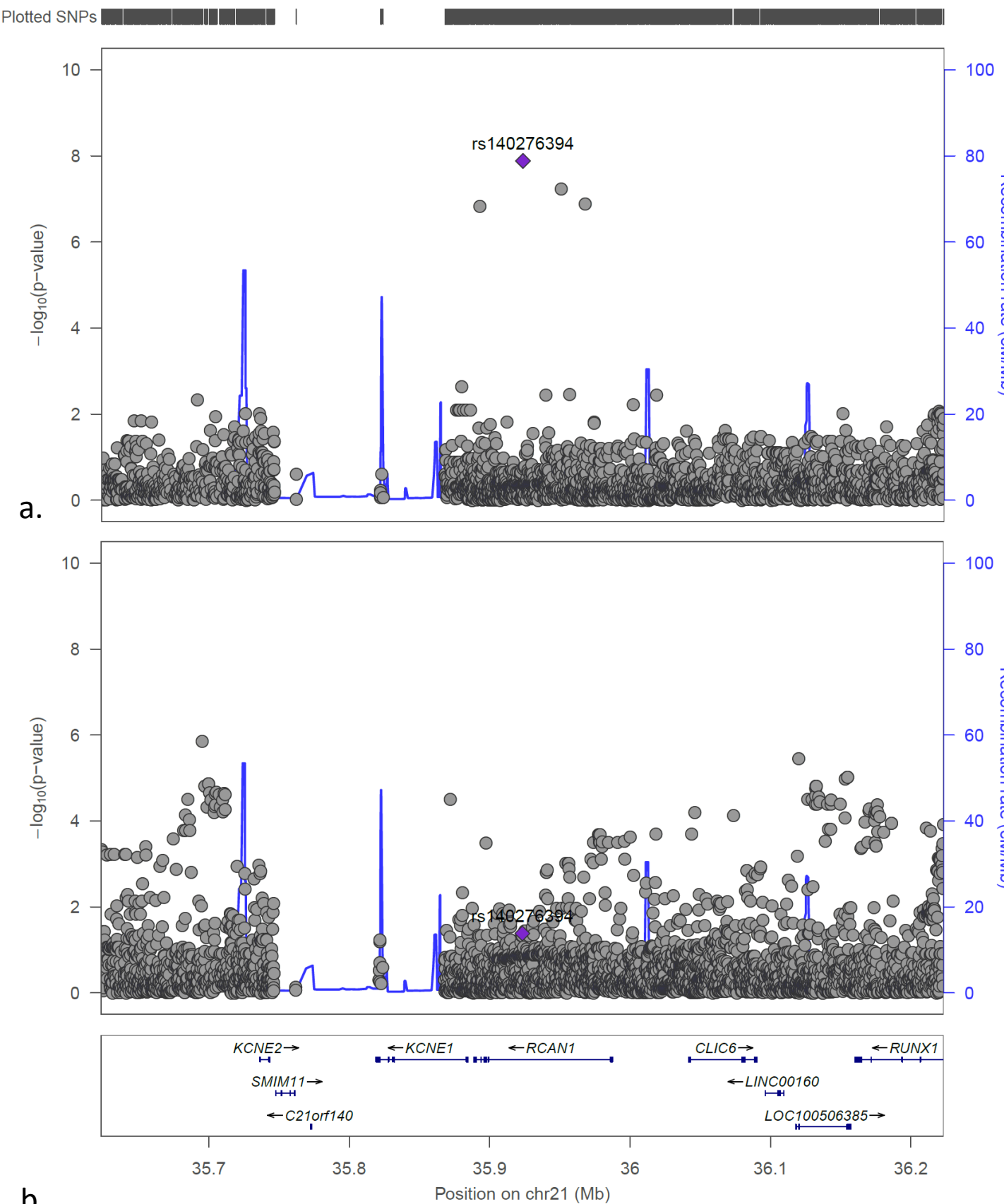
b. **Supplementary Figure 22.** The LocusZoom plots for the *SLCO3A1/ST8SIA2* locus (rs1551991). (a) The plot of the association tests of T1D patients with low T1D PRS compared to controls with low T1D PRS; (b) The plot of the association tests of all T1D patients compared to all controls.



Supplementary Figure 23. The LocusZoom plots for the *DOK5/LINC01441* locus (rs144851111). (a) The plot of the association tests of T1D patients with low T1D PRS compared to controls with low T1D PRS; (b) The plot of the association tests of all T1D patients compared to all controls.



b. **Supplementary Figure 24.** The LocusZoom plots for the *LINC01695* locus (rs2831597). (a) The plot of the association tests of T1D patients with low T1D PRS compared to controls with low T1D PRS; (b) The plot of the association tests of all T1D patients compared to all controls.



Supplementary Figure 25. The LocusZoom plots for the *RCAN1* locus (rs140276394). (a) The plot of the association tests of T1D patients with low T1D PRS compared to controls with low T1D PRS; (b) The plot of the association tests of all T1D patients compared to all controls.