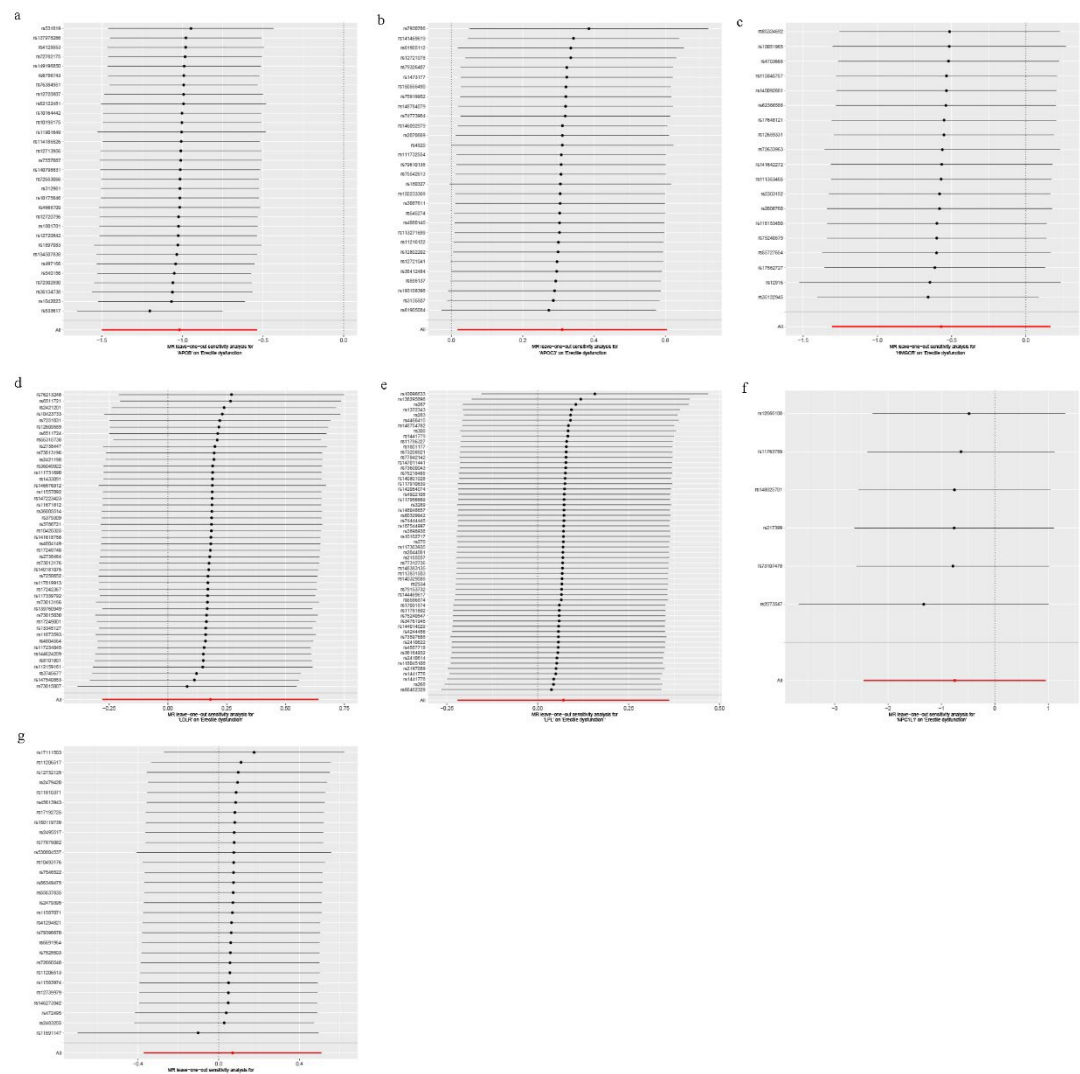
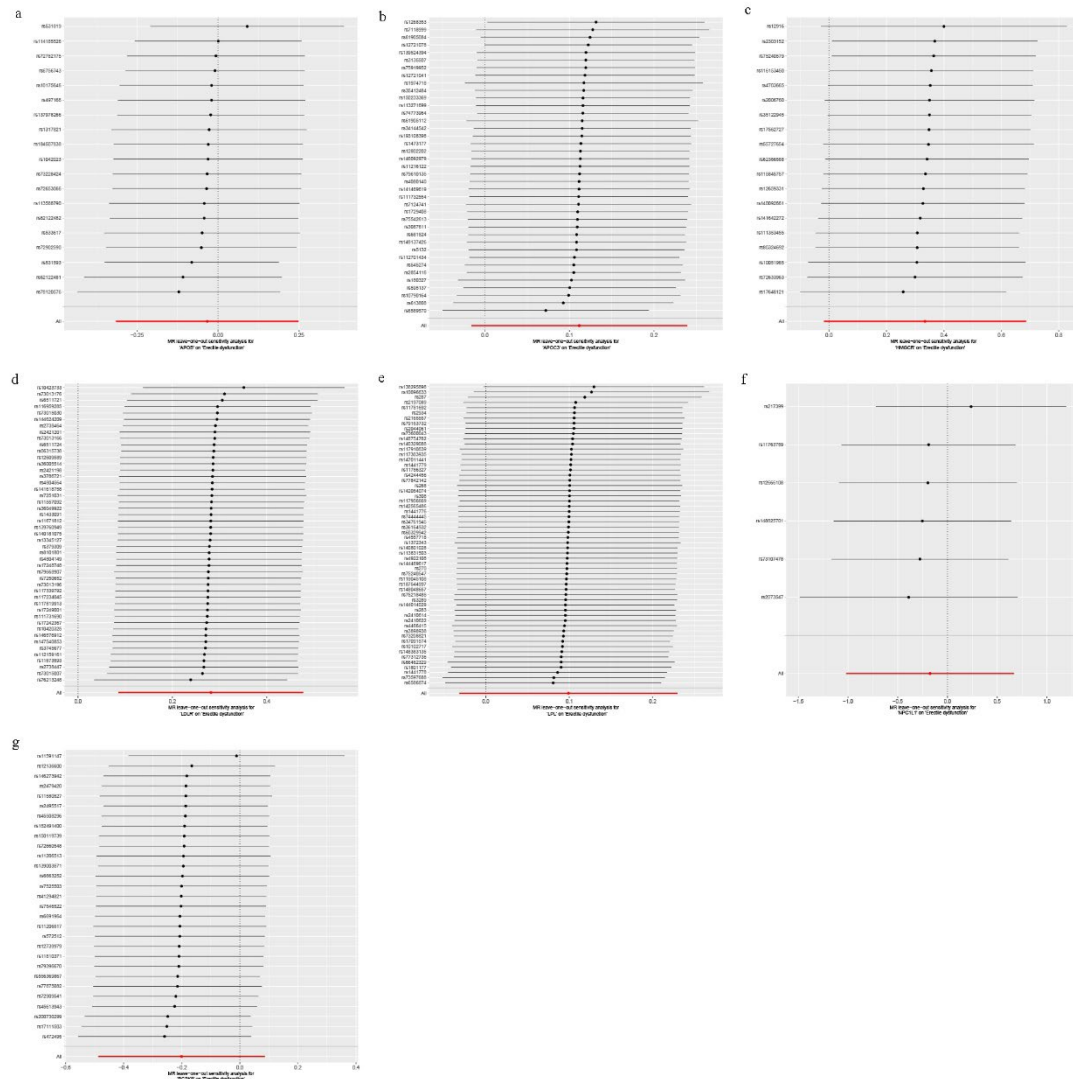


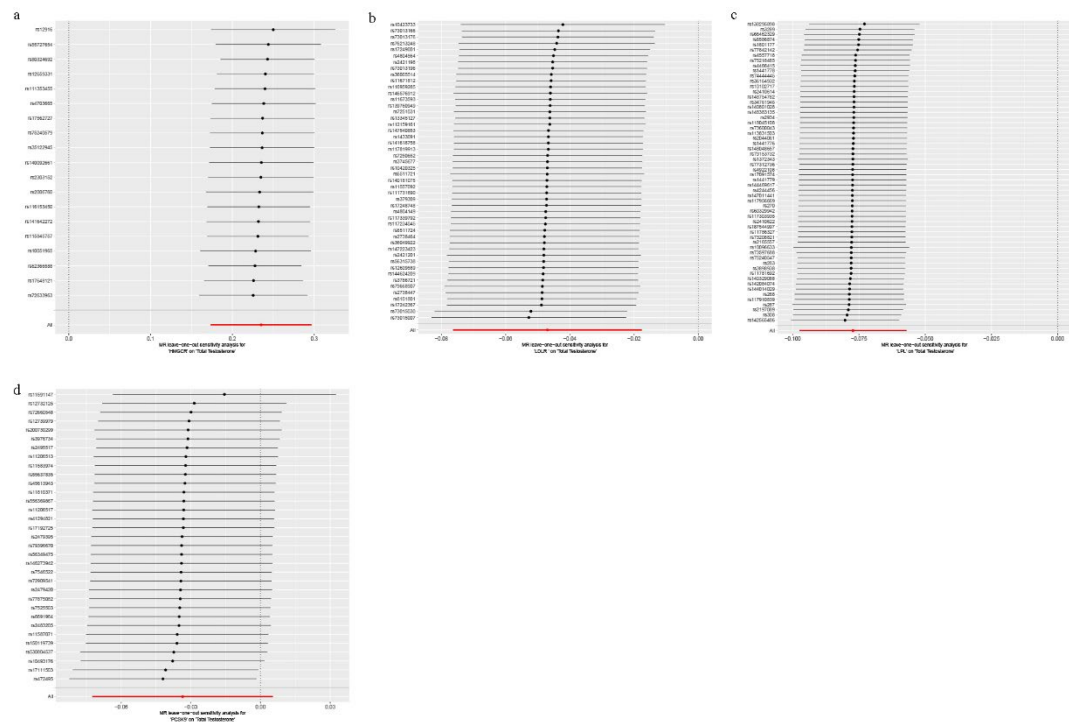
Supplementary figure 1. Leave-one-out analysis of genetically proxied inhibitors / agonists on ED(FinnGen).



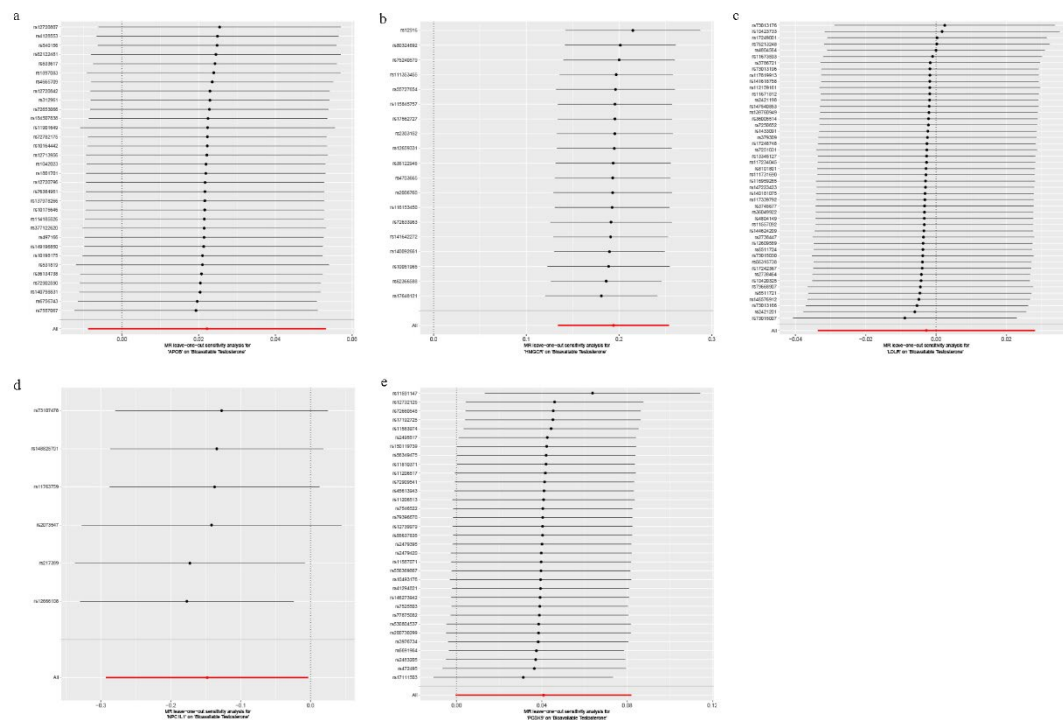
Supplementary figure 2. Leave-one-out analysis of genetically proxied inhibitors / agonists on ED(ebi).



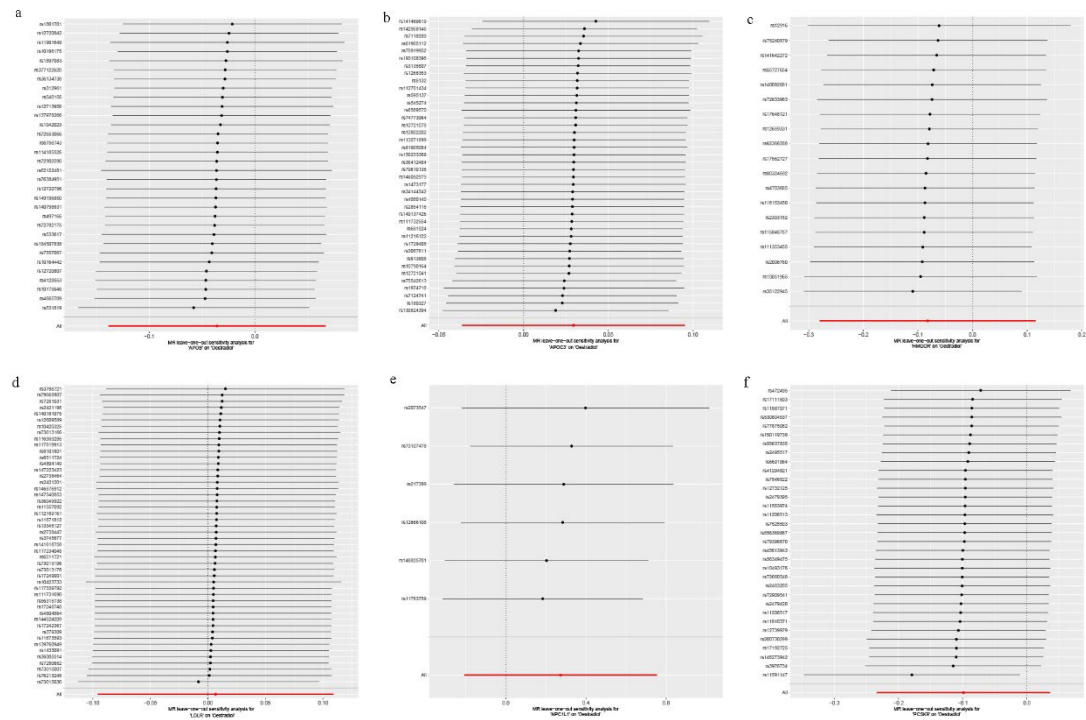
Supplementary figure 3. Leave-one-out analysis of genetically proxied inhibitors / agonists on TT.



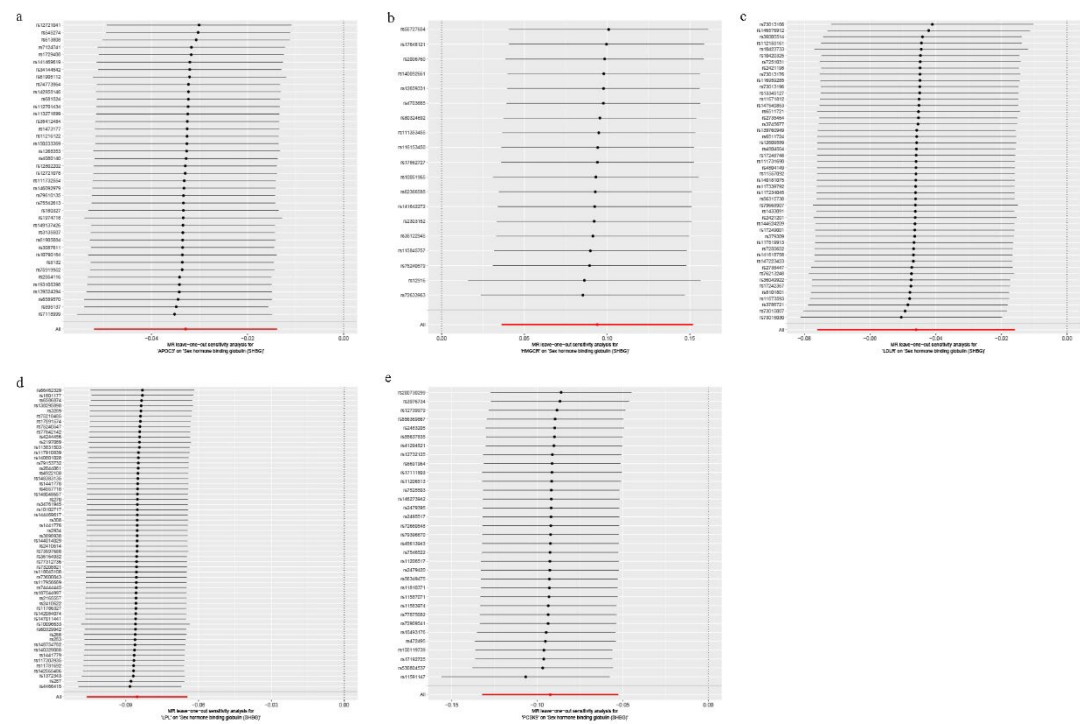
Supplementary figure 4. Leave-one-out analysis of genetically proxied inhibitors / agonists on BT.



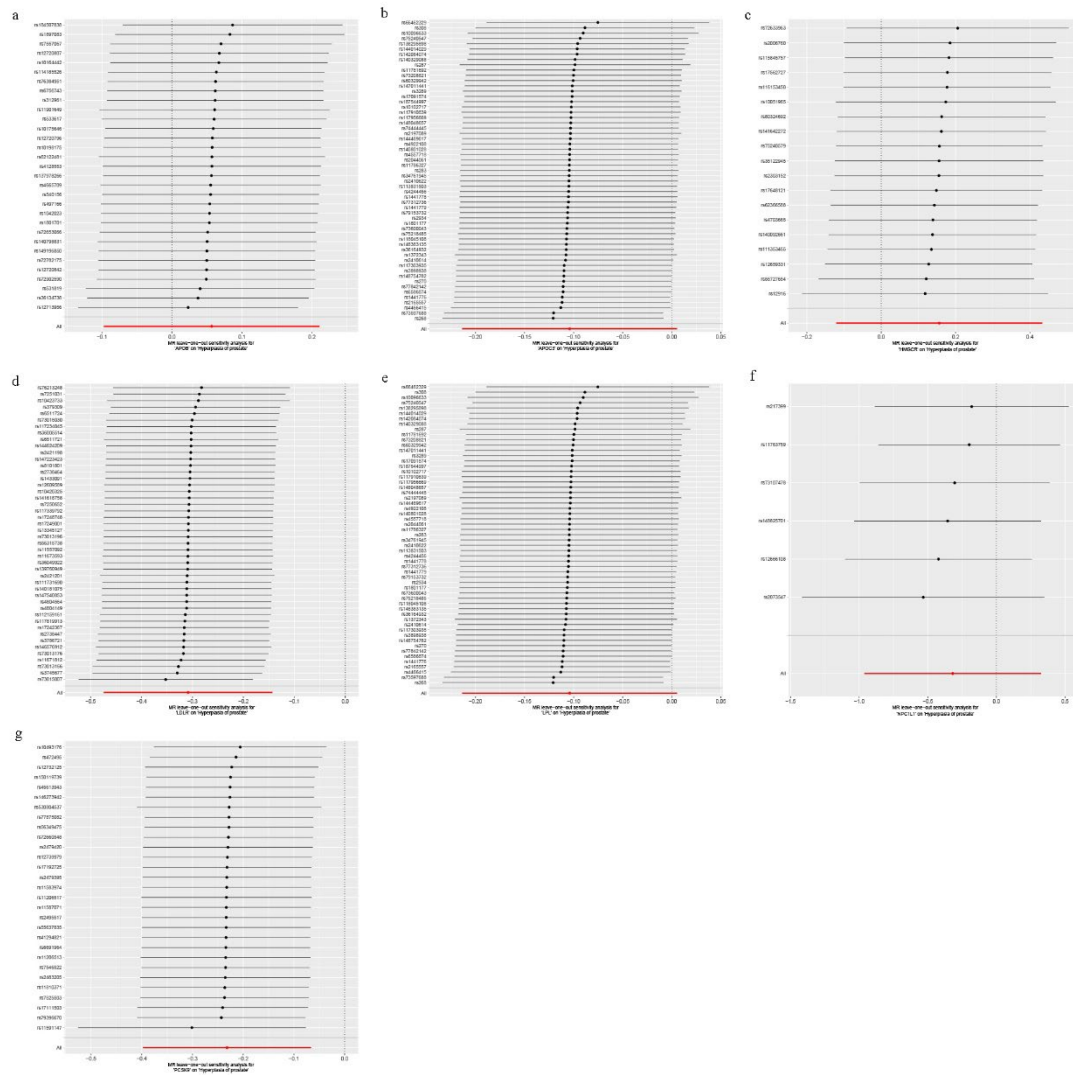
Supplementary figure 5. Leave-one-out analysis of genetically proxied inhibitors / agonists on E2.



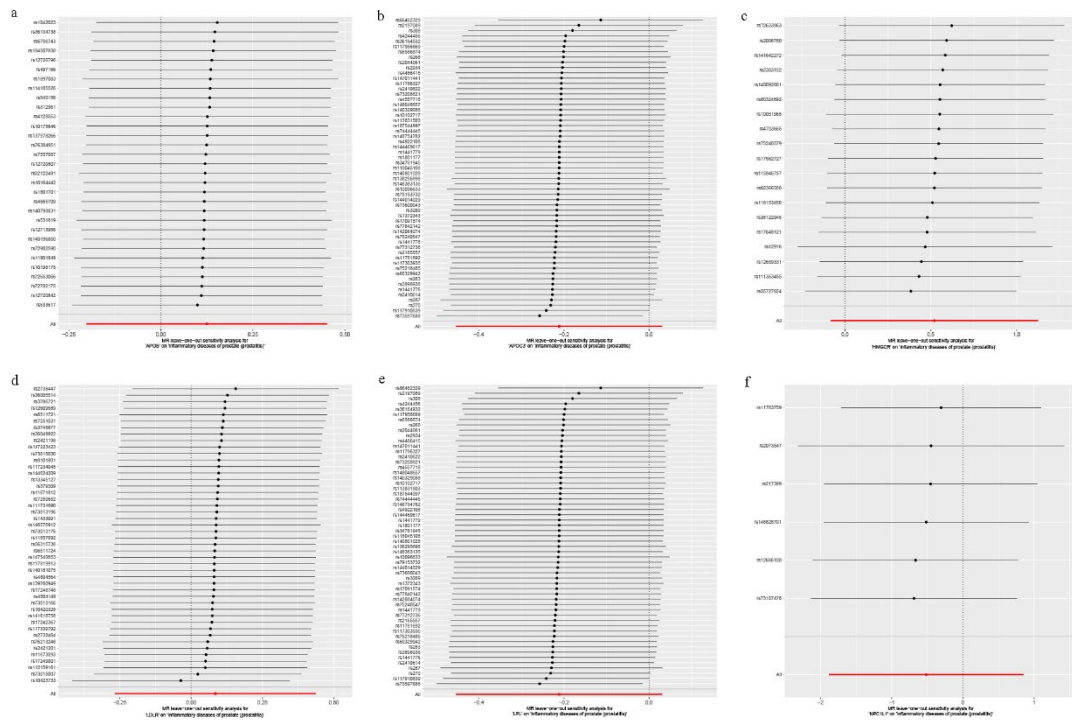
Supplementary figure 6. Leave-one-out analysis of genetically proxied inhibitors / agonists on SHBG.



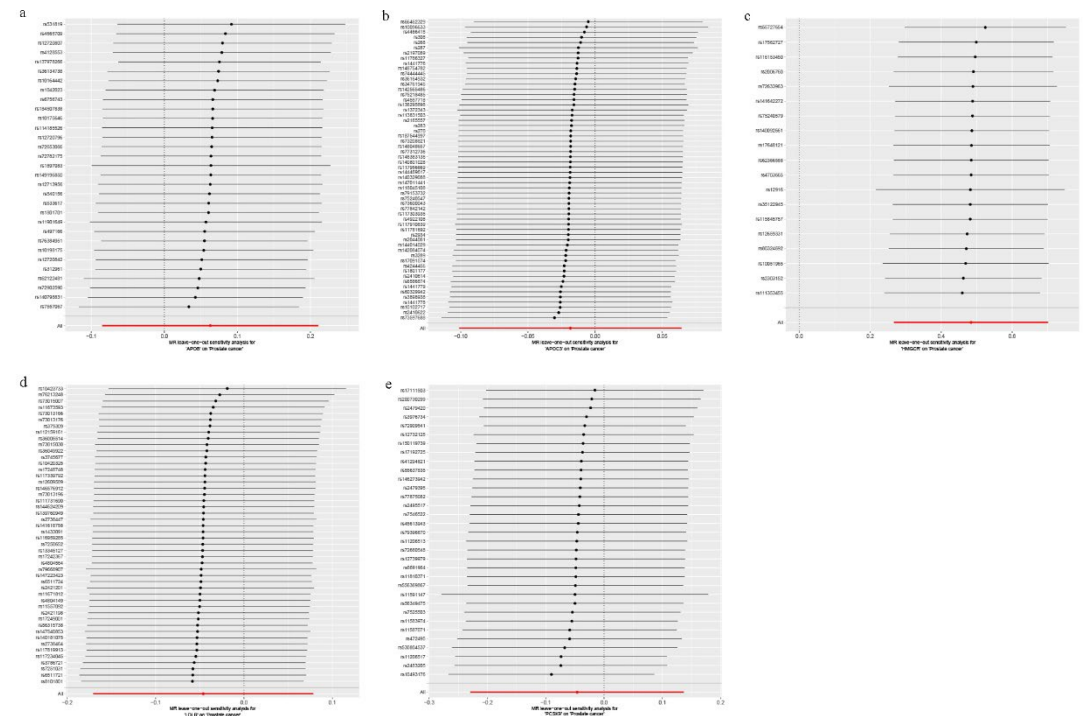
Supplementary figure 7. Leave-one-out analysis of genetically proxied inhibitors / agonists on PH.



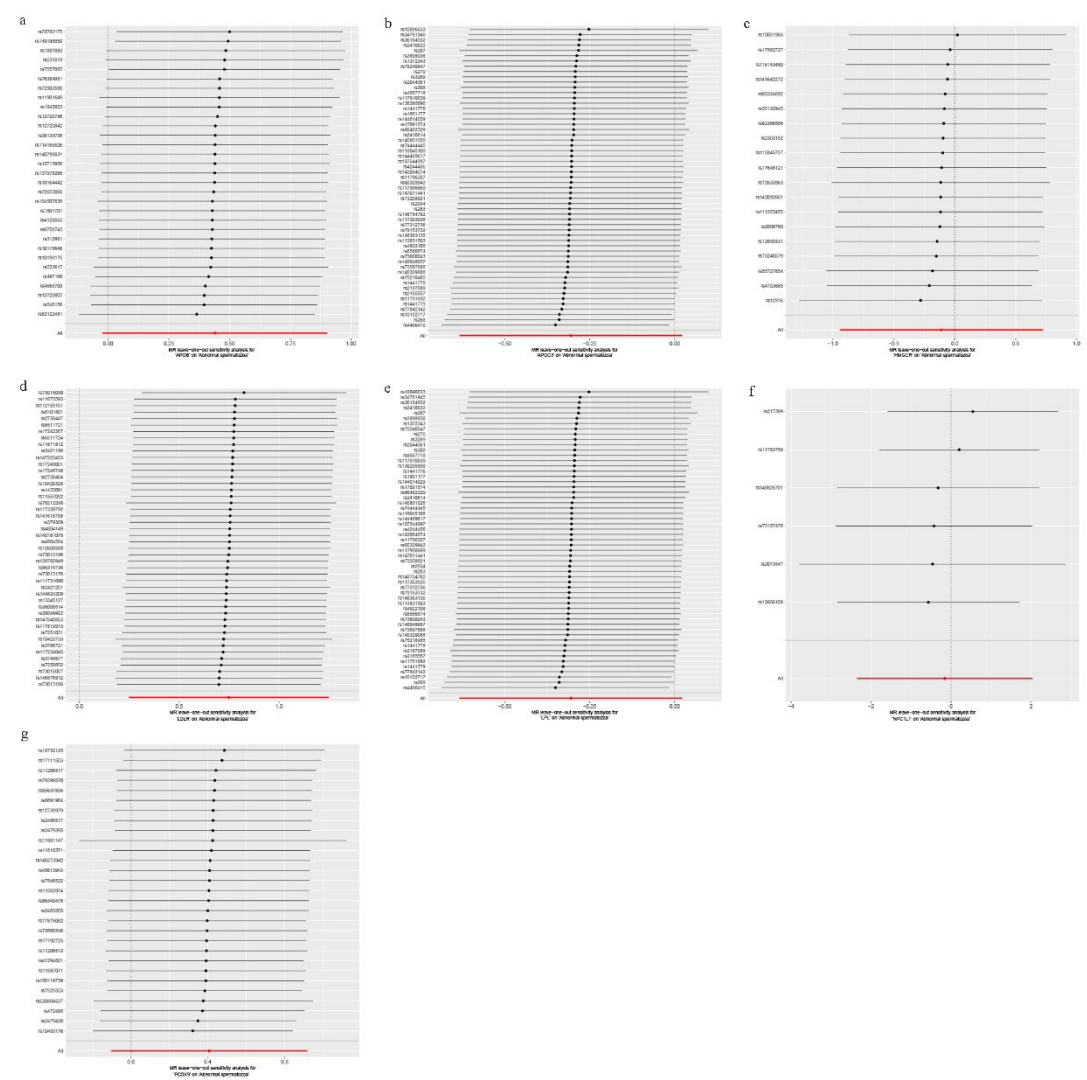
Supplementary figure 8. Leave-one-out analysis of genetically proxied inhibitors / agonists on PI.



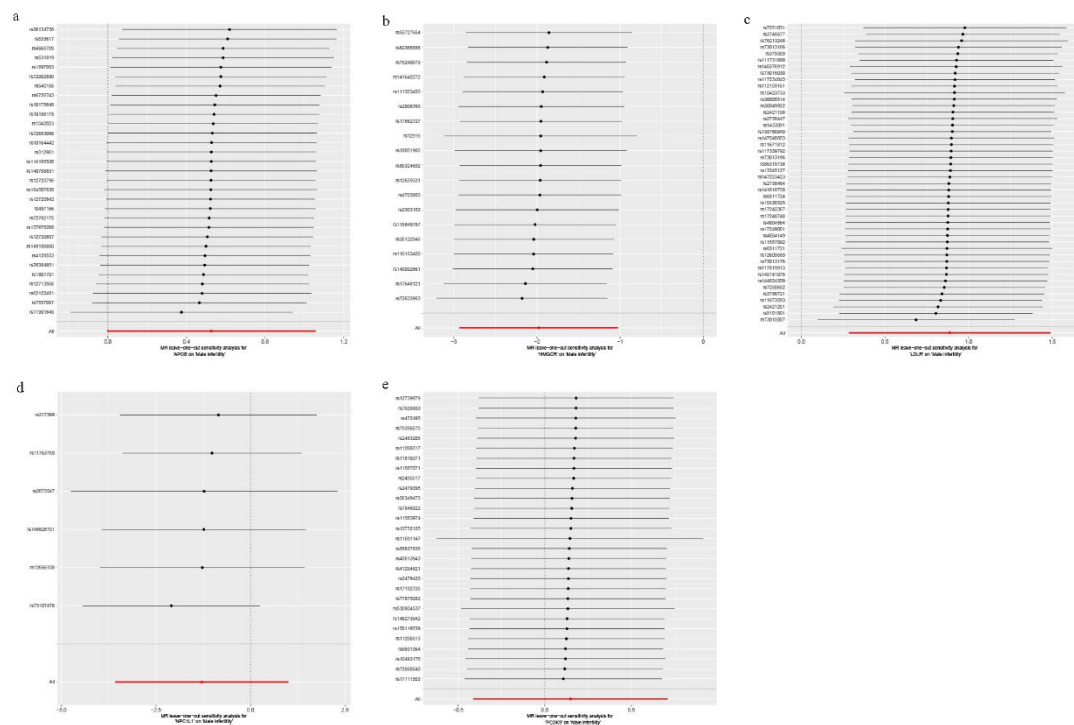
Supplementary figure 9. Leave-one-out analysis of genetically proxied inhibitors / agonists on PCa.



Supplementary figure 10. Leave-one-out analysis of genetically proxied inhibitors / agonists on AS.



Supplementary figure 11. Leave-one-out analysis of genetically proxied inhibitors / agonists on MI.

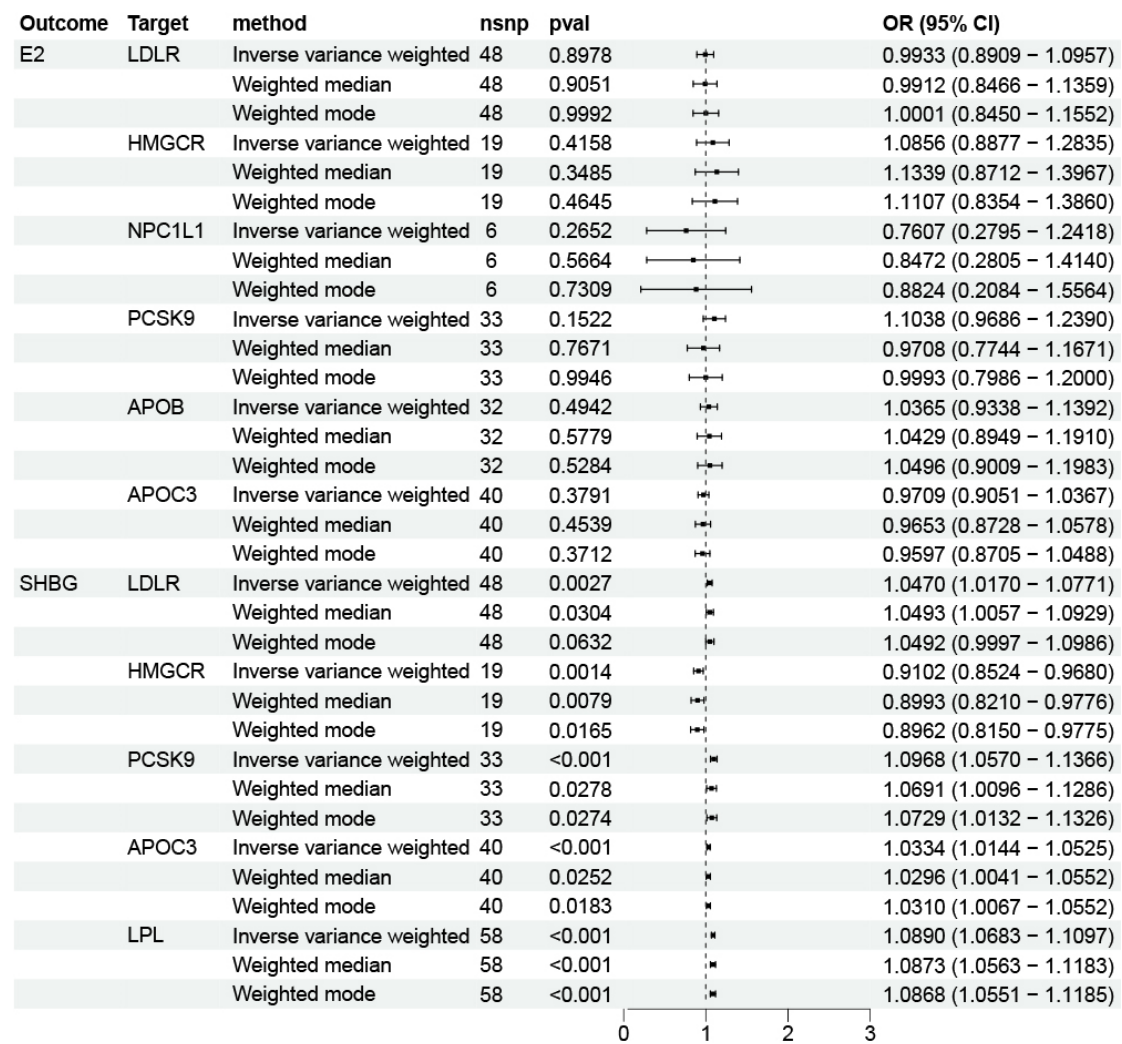


Supplementary figure 12. MR analysis of association between drug targets and sex hormones (TT and BT).

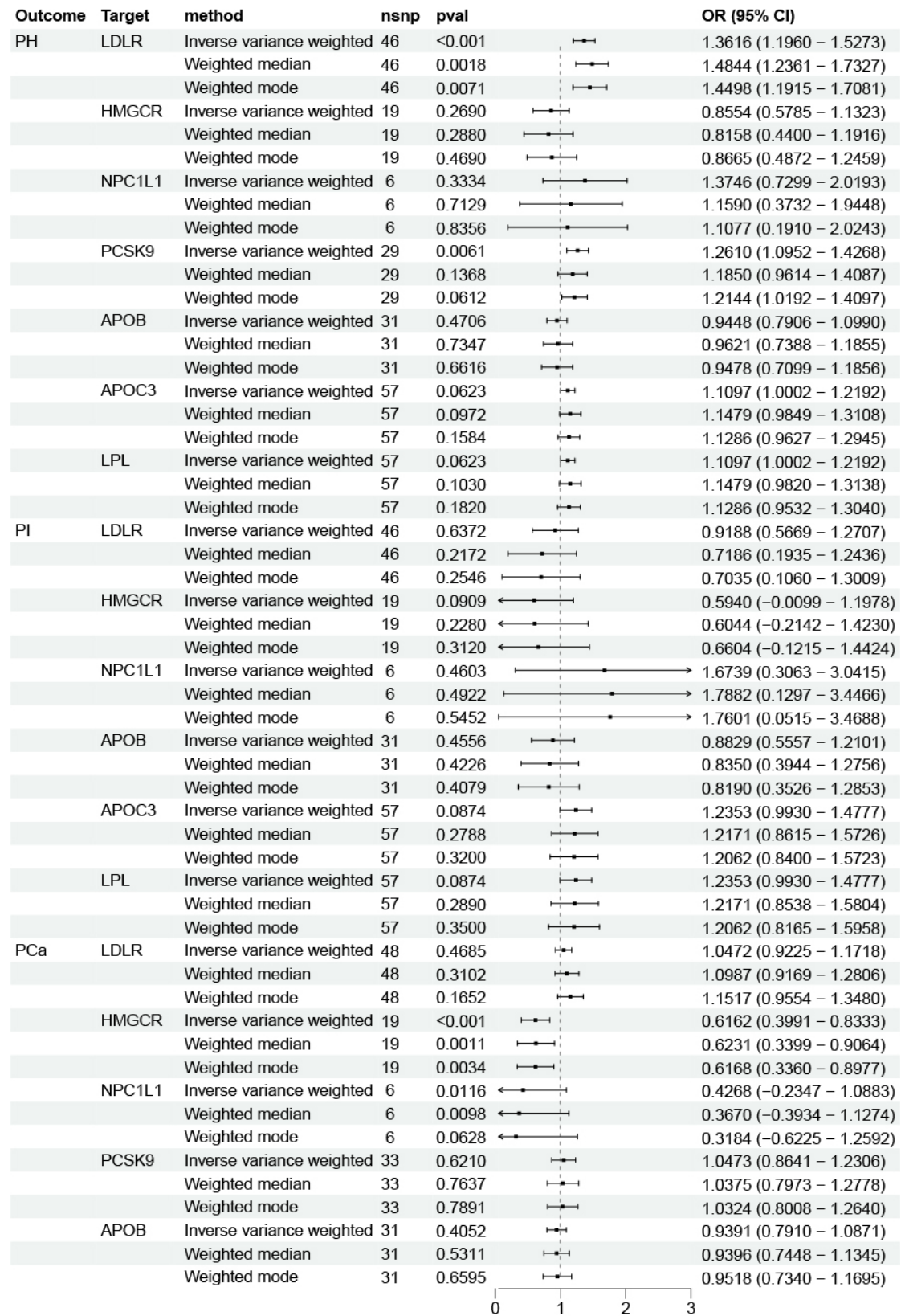
Outcome	Target	method	nsnp	pval		OR (95% CI)
TT	LDLR	Inverse variance weighted	48	0.0017		1.0481 (1.0187 - 1.0775)
		Weighted median	48	0.0025		1.0669 (1.0250 - 1.1089)
		Weighted mode	48	0.0222		1.0633 (1.0124 - 1.1142)
	HMGCR	Inverse variance weighted	19	<0.001		0.7904 (0.7288 - 0.8521)
		Weighted median	19	<0.001		0.8104 (0.7318 - 0.8891)
		Weighted mode	19	<0.001		0.7968 (0.7214 - 0.8722)
	PCSK9	Inverse variance weighted	33	0.0912		1.0341 (0.9952 - 1.0730)
		Weighted median	33	0.0229		1.0688 (1.0115 - 1.1262)
		Weighted mode	33	0.0872		1.0589 (0.9953 - 1.1225)
	LPL	Inverse variance weighted	58	<0.001		1.0803 (1.0601 - 1.1006)
		Weighted median	58	<0.001		1.0762 (1.0457 - 1.1067)
		Weighted mode	58	<0.001		1.0754 (1.0445 - 1.1063)
BT	LDLR	Inverse variance weighted	48	0.8606		1.0028 (0.9719 - 1.0337)
		Weighted median	48	0.4895		0.9844 (0.9397 - 1.0291)
		Weighted mode	48	0.7138		0.9905 (0.9396 - 1.0413)
	HMGCR	Inverse variance weighted	19	<0.001		0.8237 (0.7638 - 0.8836)
		Weighted median	19	<0.001		0.8436 (0.7636 - 0.9236)
		Weighted mode	19	<0.001		0.8342 (0.7537 - 0.9147)
	NPC1L1	Inverse variance weighted	6	0.0448		1.1595 (1.0150 - 1.3041)
		Weighted median	6	0.1008		1.1587 (0.9828 - 1.3347)
		Weighted mode	6	0.2435		1.1613 (0.9396 - 1.3831)
	PCSK9	Inverse variance weighted	6	0.0448		1.1595 (1.0150 - 1.3041)
		Weighted median	6	0.1008		1.1587 (0.9828 - 1.3347)
		Weighted mode	6	0.2435		1.1613 (0.9396 - 1.3831)
	APOB	Inverse variance weighted	32	0.1609		0.9781 (0.9471 - 1.0091)
		Weighted median	32	0.3349		0.9793 (0.9368 - 1.0218)
		Weighted mode	32	0.4154		0.9810 (0.9356 - 1.0265)

0 1 2 3

Supplementary figure 13. MR analysis of association between drug targets and sex hormones (E2 and SHBG).



Supplementary figure 14. MR analysis of association between drug targets and male diseases (PH, PI and PCa).



Supplementary figure 15. MR analysis of association between drug targets and male diseases (AS and MI).

