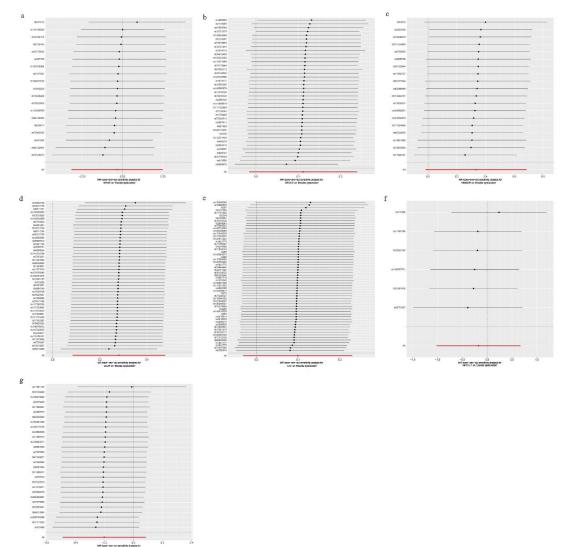


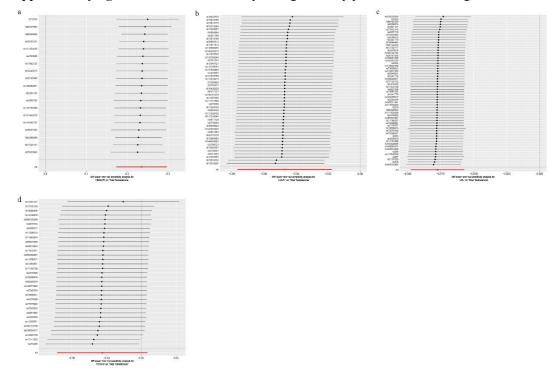
0.0 MT base-one-tod sensibility analysis for POLIKY on Erectle systemator

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

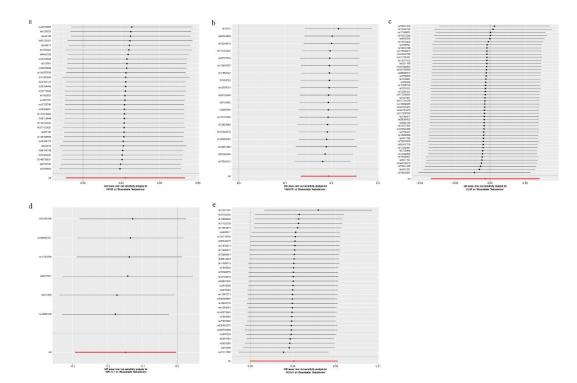


-0.2 0.0 MT laser one tool sensitivity analysis for PCDOF on Theodie spelarother

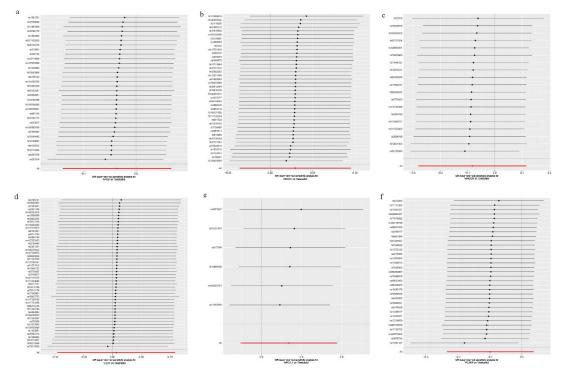
Supplementary figure 2. Leave-one-out analysis of genetically proxied inhibitors / agonists on ED(ebi).



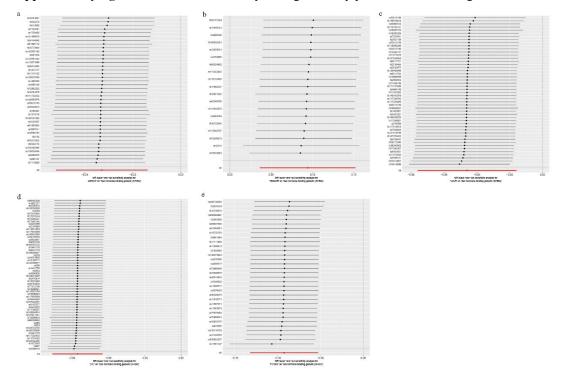
Supplementary figure 3. Leave-one-out analysis of genetically proxied inhibitors / agonists on TT.



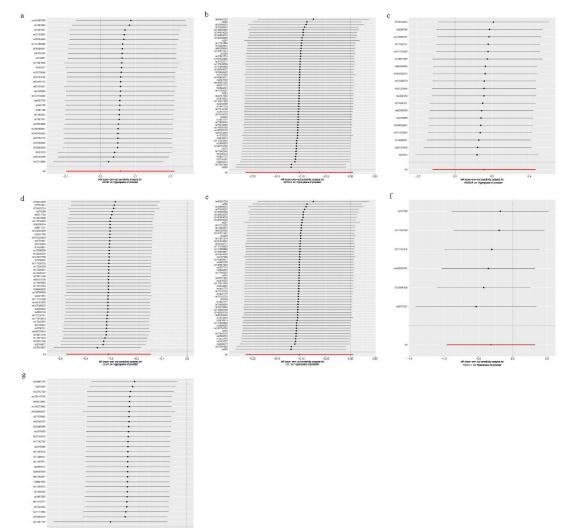
Supplementary figure 4. Leave-one-out analysis of genetically proxied inhibitors / agonists on BT.



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

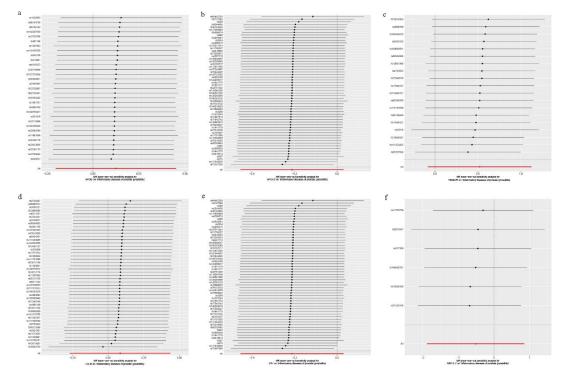


Supplementary figure 6. Leave-one-out analysis of genetically proxied inhibitors / agonists on SHBG.

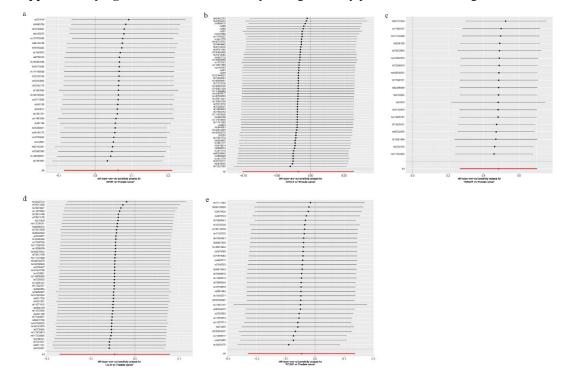


-0.3 MT laser me-tai sensitivity analysis for VCSAD on Hyperplasia of probabil

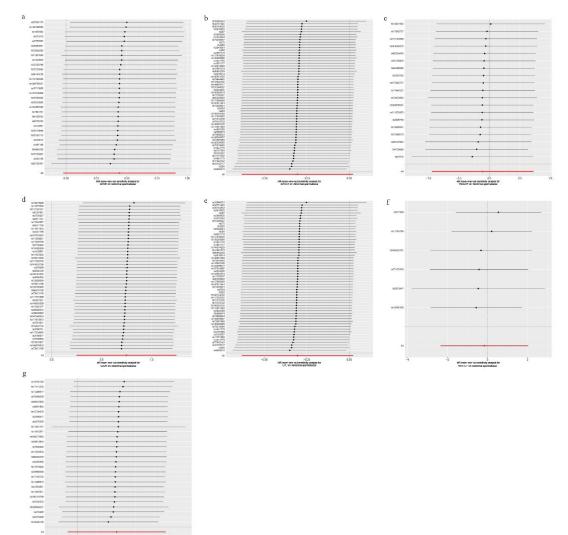
Supplementary figure 7. Leave-one-out analysis of genetically proxied inhibitors / agonists on PH.



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

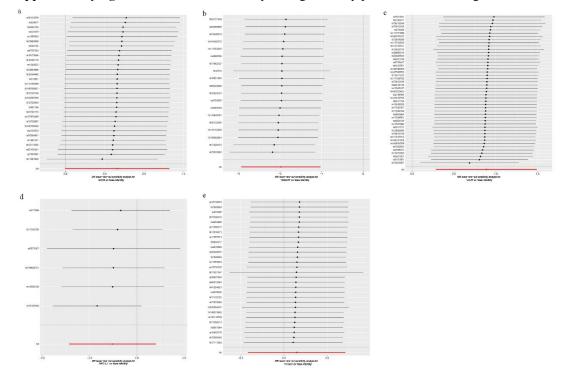


Supplementary figure 9. Leave-one-out analysis of genetically proxied inhibitors / agonists on PCa.



0.4 MR leave-one-cut sensibility analysis f PCDKP on Abnormal spermatecoal

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.

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	н	0.7904 (0.7288 - 0.8521)
		Weighted median	19	<0.001	Here I	0.8104 (0.7318 - 0.8891)
		Weighted mode	19	<0.001	Her .	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	(m)	0.8237 (0.7638 - 0.8836)
		Weighted median	19	<0.001	Her	0.8436 (0.7636 - 0.9236)
		Weighted mode	19	<0.001	H#4	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	H	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 12. MR analysis of association between drug targets and sex hormones (TT and BT).

Outcome	Target	method	nsnp	pval		OR (95% CI)
E2	LDLR	Inverse variance weighted	48	0.8978	+++	0.9933 (0.8909 - 1.0957)
		Weighted median	48	0.9051	H H	0.9912 (0.8466 - 1.1359)
		Weighted mode	48	0.9992	Here -	1.0001 (0.8450 - 1.1552)
	HMGCR	Inverse variance weighted	19	0.4158		1.0856 (0.8877 - 1.2835)
		Weighted median	19	0.3485	H	1.1339 (0.8712 - 1.3967)
		Weighted mode	19	0.4645		1.1107 (0.8354 - 1.3860)
	NPC1L1	Inverse variance weighted	6	0.2652	· • · · ·	0.7607 (0.2795 - 1.2418)
		Weighted median	6	0.5664	· • • • • •	0.8472 (0.2805 - 1.4140)
		Weighted mode	6	0.7309	· · · · · · · · · · · · · · · · · · ·	0.8824 (0.2084 - 1.5564)
	PCSK9	Inverse variance weighted	33	0.1522	÷•··	1.1038 (0.9686 - 1.2390)
		Weighted median	33	0.7671	H	0.9708 (0.7744 - 1.1671)
		Weighted mode	33	0.9946	⊢∔ −1	0.9993 (0.7986 - 1.2000)
	APOB	Inverse variance weighted	32	0.4942	H-1	1.0365 (0.9338 - 1.1392)
		Weighted median	32	0.5779	i i i i i i i i i i i i i i i i i i i	1.0429 (0.8949 - 1.1910)
		Weighted mode	32	0.5284		1.0496 (0.9009 - 1.1983)
	APOC3	Inverse variance weighted	40	0.3791		0.9709 (0.9051 - 1.0367)
		Weighted median	40	0.4539	H	0.9653 (0.8728 - 1.0578)
		Weighted mode	40	0.3712		0.9597 (0.8705 - 1.0488)
SHBG	LDLR	Inverse variance weighted	48	0.0027		1.0470 (1.0170 - 1.0771)
		Weighted median	48	0.0304	-	1.0493 (1.0057 - 1.0929)
		Weighted mode	48	0.0632	-	1.0492 (0.9997 - 1.0986)
	HMGCR	Inverse variance weighted	19	0.0014	i e i	0.9102 (0.8524 - 0.9680)
		Weighted median	19	0.0079	H=4	0.8993 (0.8210 - 0.9776)
		Weighted mode	19	0.0165	Heri	0.8962 (0.8150 - 0.9775)
	PCSK9	Inverse variance weighted	33	<0.001	H	1.0968 (1.0570 - 1.1366)
		Weighted median	33	0.0278		1.0691 (1.0096 - 1.1286)
		Weighted mode	33	0.0274	}=1	1.0729 (1.0132 - 1.1326)
	APOC3	Inverse variance weighted	40	<0.001	i i	1.0334 (1.0144 - 1.0525)
		Weighted median	40	0.0252	•	1.0296 (1.0041 - 1.0552)
		Weighted mode	40	0.0183	M	1.0310 (1.0067 - 1.0552)
	LPL	Inverse variance weighted	58	<0.001	н	1.0890 (1.0683 - 1.1097)
		Weighted median	58	<0.001	H	1.0873 (1.0563 - 1.1183)
		Weighted mode	58	<0.001	H	1.0868 (1.0551 - 1.1185)
				C	1 2	3

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

Outcome	Target	method	nsnp	pval		OR (95% CI)
PH	LDLR	Inverse variance weighted	46	<0.001	, + ••1	1.3616 (1.1960 - 1.5273)
		Weighted median	46	0.0018	· 	1.4844 (1.2361 - 1.7327)
		Weighted mode	46	0.0071		1.4498 (1.1915 - 1.7081)
	HMGCR	Inverse variance weighted	19	0.2690	⊢ •+•	0.8554 (0.5785 - 1.1323)
		Weighted median	19	0.2880		0.8158 (0.4400 - 1.1916)
		Weighted mode	19	0.4690		0.8665 (0.4872 - 1.2459)
	NPC1L1	Inverse variance weighted	6	0.3334		1.3746 (0.7299 - 2.0193)
		Weighted median	6	0.7129	· · · · · · · · · · · · · · · · · · ·	1.1590 (0.3732 - 1.9448)
		Weighted mode	6	0.8356		1.1077 (0.1910 - 2.0243)
	PCSK9	Inverse variance weighted	29	0.0061	⊢ •→	1.2610 (1.0952 - 1.4268)
		Weighted median	29	0.1368		1.1850 (0.9614 - 1.4087)
		Weighted mode	29	0.0612) 	1.2144 (1.0192 - 1.4097)
	APOB	Inverse variance weighted	31	0.4706		0.9448 (0.7906 - 1.0990)
		Weighted median	31	0.7347		0.9621 (0.7388 - 1.1855)
		Weighted mode	31	0.6616		0.9478 (0.7099 - 1.1856)
	APOC3	Inverse variance weighted	57	0.0623		1.1097 (1.0002 - 1.2192)
		Weighted median	57	0.0972		1.1479 (0.9849 - 1.3108)
		Weighted mode	57	0.1584		1.1286 (0.9627 - 1.2945)
	LPL	Inverse variance weighted	57	0.0623	++	1.1097 (1.0002 - 1.2192)
		Weighted median	57	0.1030		1.1479 (0.9820 - 1.3138)
		Weighted mode	57	0.1820		1.1286 (0.9532 - 1.3040)
PI	LDLR	Inverse variance weighted	46	0.6372		0.9188 (0.5669 - 1.2707)
		Weighted median	46	0.2172		0.7186 (0.1935 - 1.2436)
		Weighted mode	46	0.2546		0.7035 (0.1060 - 1.3009)
	HMGCR	Inverse variance weighted		0.0909	<	0.5940 (-0.0099 - 1.1978)
		Weighted median	19	0.2280	<	0.6044 (-0.2142 - 1.4230)
		Weighted mode	19	0.3120	<	0.6604 (-0.1215 - 1.4424)
	NPC1L1	Inverse variance weighted		0.4603	⊢ – →	1.6739 (0.3063 - 3.0415)
		Weighted median	6	0.4922	→ →	1.7882 (0.1297 - 3.4466)
		Weighted mode	6	0.5452		1.7601 (0.0515 - 3.4688)
	APOB	Inverse variance weighted		0.4556	⊢ •	0.8829 (0.5557 - 1.2101)
		Weighted median	31	0.4226		0.8350 (0.3944 - 1.2756)
		Weighted mode	31	0.4079	⊢ ∎.	0.8190 (0.3526 - 1.2853)
	APOC3	Inverse variance weighted		0.0874		1.2353 (0.9930 - 1.4777)
		Weighted median	57	0.2788		1.2171 (0.8615 - 1.5726)
		Weighted mode	57	0.3200		1.2062 (0.8400 - 1.5723)
	LPL	Inverse variance weighted	57	0.0874	i i i i i i i i i i i i i i i i i i i	1.2353 (0.9930 - 1.4777)
		Weighted median	57	0.2890	·	1.2171 (0.8538 - 1.5804)
		Weighted mode	57	0.3500	+ + + + +	1.2062 (0.8165 - 1.5958)
PCa	LDLR	Inverse variance weighted	48	0.4685		1.0472 (0.9225 - 1.1718)
		Weighted median	48	0.3102	H	1.0987 (0.9169 - 1.2806)
		Weighted mode	48	0.1652		1.1517 (0.9554 - 1.3480)
	HMGCR	Inverse variance weighted	19	< 0.001	⊢ •1	0.6162 (0.3991 - 0.8333)
		Weighted median	19	0.0011	⊢ •−+	0.6231 (0.3399 - 0.9064)
		Weighted mode	19	0.0034		0.6168 (0.3360 - 0.8977)
	NPC1L1	Inverse variance weighted		0.0116		0.4268 (-0.2347 - 1.0883)
		Weighted median	6	0.0098	<	0.3670 (-0.3934 - 1.1274)
		Weighted mode	6	0.0628	<	0.3184 (-0.6225 - 1.2592)
	PCSK9	Inverse variance weighted		0.6210		1.0473 (0.8641 - 1.2306)
		Weighted median	33	0.7637		1.0375 (0.7973 - 1.2778)
		Weighted mode	33	0.7891	· • •	1.0324 (0.8008 - 1.2640)
	APOB	Inverse variance weighted		0.4052	Hat.	0.9391 (0.7910 - 1.0871)
		Weighted median	31	0.5311	⊨∎¦ i	0.9396 (0.7448 - 1.1345)
		Weighted mode	31	0.6595	La La	0.9518 (0.7340 - 1.1695)
					0 1 2 3	

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

Outcome	Target	method	nsnp	pval		OR (95% CI)
AS	LDLR	Inverse variance weighted	46	0.0034		0.4730 (-0.0283 - 0.9743)
		Weighted median	46	0.0186	<	0.4303 (-0.2716 - 1.1323)
		Weighted mode	46	0.0195	<	0.4105 (-0.3099 - 1.1309)
	HMGCR	Inverse variance weighted	19	0.7960	· · · · · · · · · · · · · · · · · · ·	1.1161 (0.2838 - 1.9485)
		Weighted median	19	0.8960		0.9294 (-0.1640 - 2.0229)
		Weighted mode	19	0.8700	← -	0.9041 (-0.2824 - 2.0907)
	NPC1L1	Inverse variance weighted	6	0.8889	<→	1.1695 (-1.0263 - 3.3653)
		Weighted median	6	0.7682	\leftarrow	0.6921 (-1.7553 - 3.1395)
		Weighted mode	6	0.6426	\leftarrow	0.5040 (-2.2181 - 3.2260)
	PCSK9	Inverse variance weighted	29	0.1177		0.6652 (0.1546 - 1.1759)
		Weighted median	29	0.1813	<	0.6353 (-0.0299 - 1.3005)
		Weighted mode	29	0.1279	<	0.6082 (-0.0130 - 1.2294)
	APOB	Inverse variance weighted	31	0.0631		0.6446 (0.1816 - 1.1076)
		Weighted median	31	0.2042		0.6643 (0.0329 - 1.2957)
		Weighted mode	31	0.2907		0.7040 (0.0645 - 1.3436)
	APOC3	Inverse variance weighted	57	0.0678		1.3571 (1.0294 - 1.6848)
		Weighted median	57	0.0511		1.5951 (1.1260 - 2.0642)
		Weighted mode	57	0.0990		1.4877 (1.0236 - 1.9518)
	LPL	Inverse variance weighted	57	0.0678		1.3571 (1.0294 - 1.6848)
		Weighted median	57	0.0488		1.5951 (1.1306 - 2.0596)
		Weighted mode	57	0.0902		1.4877 (1.0361 - 1.9392)
MI	LDLR	Inverse variance weighted	46	0.0039		0.4116 (-0.1919 - 1.0151)
		Weighted median	46	0.1190		0.5145 (-0.3211 - 1.3500)
		Weighted mode	46	0.1544	<	0.5114 (-0.3962 - 1.4189)
	HMGCR	Inverse variance weighted	19	<0.001		7.2391 (6.2856 - 8.1926)
		Weighted median	19	0.0028		7.9172 (6.5608 - 9.2736)
		Weighted mode	19	0.0071		8.0886 (6.7384 - 9.4387)
	NPC1L1	Inverse variance weighted	6	0.2710	¦ ⊢→	3.6279 (1.3333 - 5.9226)
		Weighted median	6	0.3027	\mapsto	4.0221 (1.3755 - 6.6687)
		Weighted mode	6	0.3709	\mapsto	4.4871 (1.4928 - 7.4813)
	PCSK9	Inverse variance weighted	29	0.6055		0.8623 (0.3000 - 1.4246)
		Weighted median	29	0.6660		0.8490 (0.1053 - 1.5926)
		Weighted mode	29	0.6789		0.8679 (0.2040 - 1.5317)
	APOB	Inverse variance weighted	31	0.0516		0.5904 (0.0599 - 1.1209)
		Weighted median	31	0.1322	<	0.5688 (-0.1656 - 1.3033)
		Weighted mode	31	0.3300	<	0.6212 (-0.3213 - 1.5636)
					0 1 2 3	3

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