

	pvalue	Hazard ratio
TMPRSS11A	0.006	1.289(1.077-1.542)
VASH2	0.035	0.734(0.550-0.978)
CSE	<0.001	0.834(0.753-0.924)
BCAS1	0.025	0.879(0.785-0.984)
MFAP3L	0.007	0.757(0.619-0.925)
PMEPA1	0.015	1.175(1.031-1.339)
SCNN1G	0.008	0.864(0.775-0.963)
TEKT5	0.028	0.700(0.509-0.962)
NO	0.011	0.742(0.632-0.881)
PTPRR	<0.001	1.219(1.026-1.448)
GFR12	0.024	0.869(0.766-0.985)
TAP1	0.029	0.855(0.763-0.958)
FABP6	0.007	1.264(1.054-1.515)
ANXA2	0.011	1.193(1.077-1.320)
FN1	<0.001	1.266(1.134-1.413)
ANXA1	<0.001	1.656(1.235-2.221)
ADCY7	<0.001	0.739(0.559-0.978)
ZBP1	0.034	1.296(1.091-1.540)
COL5A3	0.003	1.295(1.094-1.526)
EFEMP1	<0.001	0.793(0.629-0.999)
PF10A	0.049	1.108(1.003-1.224)
KRT1	0.044	0.930(0.871-0.994)
HMGCS2	0.032	0.740(0.601-0.911)
ACOXL	0.004	0.700(0.565-0.866)
ATP1A4	0.001	0.804(0.705-0.918)
CYP4F12	0.001	1.252(1.083-1.447)
ADAMTSL4	0.002	1.328(1.123-1.570)
CYP26B1	<0.001	0.598(0.407-0.878)
PACRG	0.009	1.180(1.052-1.323)
SERPINE2	0.005	0.760(0.706-0.816)
TRIP11	0.012	0.768(0.648-0.905)
GNLY	0.002	0.847(0.751-0.955)
TOX3	0.007	0.792(0.683-0.918)
PFFIBP2	0.002	0.795(0.643-0.984)
PAN2	0.035	1.212(1.067-1.378)
DSC2	0.003	0.875(0.767-0.999)
TFE2	0.048	0.801(0.722-0.888)
FER1L4	<0.001	0.866(0.765-0.981)
GZMB	0.023	0.749(0.665-0.846)
ST3GAL5	<0.001	0.930(0.880-0.984)
SPINK1	<0.001	1.182(1.044-1.340)
TUBB8	0.009	1.290(1.086-1.532)
CDK6	0.004	0.808(0.672-0.971)
PIK3C2B	0.023	0.745(0.616-0.901)
ATOH8	0.002	1.154(1.012-1.316)
MALL	0.032	1.221(1.037-1.438)
PTPRZ1	0.016	0.924(0.866-0.987)
DHRS2	0.018	1.163(1.010-1.338)
MPD3	0.033	0.869(0.760-0.996)
ZNF486	0.030	1.091(0.911-1.307)
KLK6	0.029	0.893(0.809-0.986)
FOXO1	0.025	0.814(0.679-0.976)
LEAP2	0.027	1.214(1.061-1.388)
MFAP5	0.005	0.870(0.760-0.997)
GATA2	0.045	0.850(0.724-0.997)
RHBG	0.046	1.279(1.114-1.469)
EGFR	<0.001	1.151(1.000-1.324)
SPHK1	0.043	1.191(1.020-1.381)
GPRP8	0.012	1.126(1.001-1.266)
CAV1	0.048	0.815(0.697-0.953)
KCNIG1	0.048	1.572(1.266-1.950)
DEGS2	0.010	0.749(0.616-0.911)
GPR37	<0.001	0.909(0.839-0.984)
LYPD6	0.004	1.199(1.022-1.407)
SNCG	0.018	1.310(1.139-1.506)
SLC16A3	0.026	0.868(0.776-0.967)
ECM1	<0.001	1.007(0.733-1.353)
AIM2	0.010	1.212(1.038-1.416)
AGL14	0.007	1.105(1.026-1.189)
IGF12	0.015	1.182(1.003-1.394)
SPRR2A	0.008	0.886(0.811-0.968)
WNT7A	0.046	1.282(1.118-1.470)
BTBD16	0.008	0.932(0.879-0.987)
SCEL	<0.001	0.792(0.662-0.948)
PSCA	0.017	0.732(0.549-0.976)
LAC3	0.011	0.847(0.738-0.972)
ZNF682	0.034	0.803(0.717-0.900)
ITGA3	0.012	0.804(0.650-0.996)
ITGB1	0.032	1.222(1.001-1.491)
S100A5	0.046	0.791(0.692-0.905)
CCBE1	0.049	1.448(1.045-2.006)
ITBX1	<0.001	0.730(0.592-0.901)
IPPK	0.026	0.614(0.451-0.837)
FAM118A	0.003	1.518(1.123-2.052)
CYP4Z2P	0.002	1.166(1.041-1.306)
SLC2A12	0.007	0.829(0.696-0.977)
BBP1	0.008	1.217(1.036-1.436)
TRAK1	0.026	0.883(0.788-0.990)
PCSK9	0.020	0.891(0.806-0.983)
CXCL11	0.034	1.419(1.089-1.849)
EMO9P	0.022	1.347(1.084-1.673)
PRR16	0.009	1.248(1.066-1.460)
ATP12A	0.007	0.770(0.597-0.992)
LOX	0.006	1.261(1.051-1.513)
CNTN3	0.044	1.266(1.047-1.531)
CCNA1	0.013	1.253(1.087-1.451)
TFAD4	0.015	0.701(0.509-0.966)
DCBLD2	0.003	0.689(0.552-0.860)
TTFY14	<0.001	0.852(0.767-0.948)
OVGP1	<0.001	1.367(1.170-1.597)
ITBX3	<0.001	1.138(1.026-1.262)
CD109	<0.001	1.141(1.008-1.292)
TGFB1	0.014	0.892(0.814-0.977)
DSP	0.037	0.829(0.719-0.957)
BHMT	0.014	1.161(1.012-1.333)
GPR160	0.011	1.606(1.197-2.155)
PKR8	0.034	1.089(0.911-1.194)
FOIIR3G	0.002	1.522(1.165-1.988)
SPRR2D	0.027	0.862(0.780-0.952)
RNF217	0.002	0.833(0.718-0.967)
CBTAC1	0.003	0.771(0.640-0.930)
SP6	0.016	0.862(0.757-0.981)
ATF7IP2	0.006	0.638(0.460-0.885)
CAPN5	0.025	1.239(1.033-1.484)
IFNG	0.007	1.195(1.019-1.402)
PBP	0.021	1.244(1.088-1.405)
PLK2	0.029	1.265(1.006-1.592)
SRPK	0.002	0.867(0.780-0.963)
CYP22A3	0.008	0.690(0.482-0.988)
PLA2G2F	0.043	1.396(1.140-1.708)
KEL	0.001	1.154(1.026-1.298)
FOXC2	0.001	1.186(1.019-1.380)
SULF2	0.017	1.191(1.008-1.242)
CDH2	0.027	1.242(1.023-1.508)
MT1X	0.036	0.865(0.764-0.979)
ARHGEF4	0.029	1.201(1.054-1.305)
GOLT1A	0.021	1.244(1.088-1.405)
HMGAA2	0.001	1.161(1.003-1.343)
BARX2	0.001	0.818(0.740-0.905)
FBP1	<0.001	0.764(0.615-0.950)
SIGLEC15	0.015	1.317(1.018-1.704)
IGSF21	0.036	0.611(0.447-0.834)
C19orf18	0.002	1.301(1.015-1.666)
ARSI	0.038	0.864(0.770-0.968)
CYP4F8	0.012	1.358(1.113-1.656)
ELOVL4	0.003	0.617(0.433-0.869)
HSPA4L	0.024	0.824(0.693-0.980)
HACNA1D	0.004	1.217(1.042-1.421)
BATF2	0.029	1.267(1.093-1.469)
WNT5B	0.013	0.778(0.666-0.910)
SERPINB7	0.002	1.272(1.086-1.490)
CASQ1	0.002	1.102(1.013-1.198)
DEGS1	0.003	1.456(1.069-1.982)
DSG3	0.023	0.870(0.777-0.974)
KATNAL1	0.017	1.109(1.031-1.184)
PPARG	<0.001	1.248(1.031-1.524)
CBIN1	0.016	1.132(1.033-1.241)
SIARD4	0.026	1.117(1.019-1.224)
RHCG	0.008	0.663(0.505-0.872)
DSC3	0.018	0.774(0.613-0.978)
AOC2	0.003	1.387(1.109-1.733)
ADRB2	0.032	1.173(1.038-1.325)
NUDT11	0.004	1.071(1.000-1.146)
S100A10	0.010	0.936(0.745-0.974)
KRT6B	0.049	1.232(1.044-1.453)
SLC38A4	0.018	0.883(0.803-0.971)
GPC2	0.013	1.321(1.042-1.675)
WNT11	0.013	1.189(1.083-1.305)
GATA3	0.010	
CLEC4G	0.021	
SERPINE2	<0.001	

