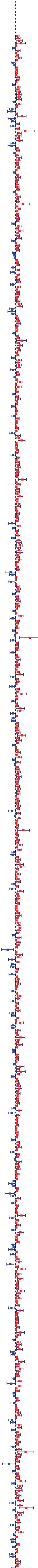
GSAP IMPA2 SYT12 TMC2 PDLIM4 EIF3L	pvalue 0.045 0.046 0.026 0.026 0.030 0.014	Hazard ratio 1.488(1.008-2.196) 1.677(1.009-2.788) 2.254(1.104-4.602) 3.263(1.153-9.235) 1.146(1.013-1.297) 0.666(0.482-0.921) 1.714(1.049-2.799) 1.151(1.039-1.275) 1.366(1.062-1.836)
LRP11 CTSZ XKR8 CLPTM1L LRRC25 TIGD1 TMCD1	0.031 0.007 0.017 0.003 0.042 0.012 0.010	2.298(1.320-4.002) 1.298(1.010-1.668) 0.557(0.353-0.878)
GAL3ST4 ECE1 GANAB ARL4C FLII EGFLAM IGHG3 UBA2 DHORTE2	0.038 0.036 0.024 0.022 0.003 0.040 0.012 0.035	0.783(0.651-0.943) 1.313(1.016-1.696) 1.221(1.013-1.472) 1.270(1.016-1.587) 1.172(1.021-1.344) 1.657(1.077-2.551) 1.783(1.210-2.628) 1.175(1.008-1.371) 0.662(0.479-0.915) 1.848(1.045-3.267) 1.509(1.015-2.245) 2.000(1.278-3.130) 2.221(1.204-4.100)
RHOBTB2 IRF2 MMP11 TRADD FCN3 NFKBIE IDI1 FAH	0.042 0.002 0.011 0.008 0.008 0.042 0.008	$\begin{array}{c} 1.848(1.045-3.267)\\ 1.509(1.015-2.245)\\ 2.000(1.278-3.130)\\ 2.221(1.204-4.100)\\ 1.921(1.185-3.116)\\ 2.148(1.216-3.794)\\ 0.651(0.430-0.986)\\ 2.037(1.204-3.444)\\ 1.232(1.032-1.470)\\ 0.479(0.240-0.957)\\ 0.383(0.159-0.923)\\ 1.239(1.029-1.491)\\ \end{array}$
NCDN KPNA5 NDUFS1 DUSP23 IL24 PRKCQ-AS1 SEPHS1 KCNAB2 ADO	0.021 0.037 0.032 0.023 0.004 0.007 0.024 0.045	4.175(1.590-10.958) 0.369(0.179-0.760) 0.581(0.363-0.930)
NELL1 TNIP3 FES PXN GZMK CD300LB DPH5	0.033 0.018 0.045 <0.001 0.003 0.026 0.030 0.027 0.026	$\begin{array}{c} 1.551(1.011-2.381)\\ 0.559(0.328-0.954)\\ 1.582(1.083-2.312)\\ 9.153(1.054-79.468)\\ 2.282(1.453-3.583)\\ 2.126(1.293-3.494)\\ 1.580(1.056-2.364)\\ 2.374(1.087-5.183)\\ 0.558(0.333-0.935)\\ 0.393(0.173-0.894)\\ 1.343(1.009-1.787)\\ 1.703(1.142-2.539)\end{array}$
ZNF639 H6PD MPZL2 MAGED2 ADAM8 DCSTAMP STARD13 CIF1	0.043	0.393(0.173-0.894) 1.343(1.009-1.787) 1.703(1.142-2.539) 0.795(0.640-0.987) 1.472(1.012-2.141) 2.030(1.132-3.641) 1.960(1.122-3.422) 1.504(1.108-2.043)
CDCP1 PTPRN TUBA1C ANKRD10 TMED9 EBF2 PTPRN2 PIM1	0.026 <0.001 0.034 0.012 0.002 0.048 0.001 0.040	$\begin{array}{c} 2.030(1.132-3.641)\\ 1.960(1.122-3.422)\\ 1.504(1.108-2.043)\\ 1.381(1.039-1.836)\\ 1.752(1.336-2.298)\\ 1.183(1.012-1.383)\\ 0.723(0.561-0.931)\\ 1.541(1.171-2.027)\\ 1.775(1.005-3.135)\\ 1.508(1.178-1.929)\\ 1.240(1.010-1.522)\\ 1.477(1.009-2.170)\\$
CD180 EHD4 MGAT1 ING4 NGFR VNN1 BCL3 ZDHHC12	0.047 0.043 0.013 0.039 0.036 0.022 0.001 0.002	1.477(1.006-2.170) 1.494(1.012-2.206) 1.706(1.118-2.604) 0.760(0.587-0.986) 1.188(1.012-1.394) 1.856(1.093-3.151) 1.471(1.162-1.863) 1.828(1.250-2.675)
OPN4 ST14 CD7 SLC2A10 OSCAR CCL5 DENND2D NRP1	0.047 0.032 <0.001 0.020 0.010 0.004 0.009 0.002	5.038(1.020-24.868) 1.332(1.024-1.731) 2.053(1.338-3.148) 1.341(1.047-1.718) 1.555(1.113-2.173) 1.445(1.123-1.859) 1.651(1.136-2.401) 1.650(1.197-2.193)
ADSL CMIP PDZK1IP1 DCLK3 CHSY1 TNIP1 NAGS MIIP	0.021 0.036 0.011 0.036 0.018 0.013 0.013 0.011 0.019	1.703(1.142-2.539) 0.795(0.640-0.987) 1.472(1.012-2.141) 2.030(1.132-3.641) 1.960(1.122-3.422) 1.504(1.108-2.043) 1.381(1.039-1.836) 1.752(1.336-2.298) 1.183(1.012-1.383) 0.723(0.561-0.931) 1.541(1.171-2.027) 1.775(1.005-3.155) 1.508(1.178-1.929) 1.240(1.010-1.522) 1.477(1.006-2.170) 1.494(1.012-2.206) 1.706(1.118-2.604) 0.760(0.587-0.986) 1.188(1.022-1.394) 1.856(1.093-3.151) 1.477(1.006-2.170) 1.494(1.022-2.675) 5.038(1.020-24.868) 1.332(1.024-1.731) 2.053(1.338-3.148) 1.332(1.024-1.731) 2.053(1.338-3.148) 1.341(1.047-1.718) 1.555(1.113-2.173) 1.445(1.123-1.859) 1.651(1.136-2.401) 1.620(1.197-2.193) 0.621(0.415-0.929) 1.903(1.042-3.477) 1.405(1.081-1.828) 2.417(1.059-5.514) 1.518(1.073-2.147) 1.665(1.094-2.534) 1.118(1.006-1.243) 1.665(1.094-2.534) 1.118(1.006-1.243) 1.665(1.094-2.534) 1.118(1.006-1.243) 1.665(1.094-2.534) 1.587(1.053-1.842) 1.665(1.094-2.534) 1.587(1.039-1.577) 1.435(1.137-1.810) 1.618(1.123-2.333) 0.702(0.494-0.999) 0.797(0.640-0.994) 0.842(0.712-0.996) 1.280(1.039-1.577) 1.435(1.137-1.810) 1.618(1.123-2.333) 0.567(0.347-0.926) 1.587(1.051-2.397) 0.499(0.306-0.813) 1.661(1.178-2.340) 1.854(1.123-2.328) 1.490(1.073-2.570) 1.201(1.030-1.399) 1.661(1.173-2.570) 1.201(1.030-1.399) 1.661(1.173-2.570) 1.220(1.013-1.392) 1.535(1.013-2.328) 1.490(1.074-2.066) 1.252(1.011-1.551) 1.854(1.224-2.742) 2.311(1.355-3.941) 2.456(1.322-4.562) 0.479(0.258-0.888) 0.401(0.164-0.9253) 0.587(0.358-0.964) 1.226(1.071-1.404) 1.557(1.193-2.032) 1.589(1.047-2.292) 1.894(1.122-3.200)
LDHA BCL7B PLBD2 IL32 ARL3 ALCAM ETV1 SLC2A3	0.039 0.017 0.020 0.008 0.049 0.044 0.045 0.020	$\begin{array}{c} 1.118(1.006-1.243)\\ 1.665(1.094-2.534)\\ 1.392(1.053-1.842)\\ 1.652(1.141-2.393)\\ 0.702(0.494-0.999)\\ 0.797(0.640-0.994)\\ 0.842(0.712-0.996)\\ 1.280(1.039-1.577)\end{array}$
ITGA5 RAP2B ZNF432 ING2 DNAAF2 DSE CD248 ADAMTSL4	0.002 0.010 0.024 0.028 0.005 0.023 0.019 0.004	$\begin{array}{c} 1.435(1.137-1.810)\\ 1.618(1.123-2.333)\\ 0.567(0.347-0.926)\\ 1.587(1.051-2.397)\\ 0.499(0.306-0.813)\\ 1.661(1.073-2.570)\\ 1.201(1.030-1.399)\\ 1.661(1.178-2.340)\\$
MGAT4B OGFOD1 IQSEC2 CLCF1 FGR DUSP3 KLHL26 TLR2	0.007 0.012 0.046 0.009 0.006 0.043 0.017 0.040	1.864(1.186-2.928) 0.504(0.296-0.859) 1.773(1.011-3.109) 1.329(1.073-1.646) 1.631(1.151-2.310) 1.535(1.013-2.328) 1.490(1.074-2.066) 1.252(1.011-1.551)
ISG20 GALNT11 SLC8B1 STXBP4 TMED6 RWDD2B PDIA4 CPQ	0.002 0.004 0.019 0.039 0.035 0.003 0.003	$\begin{array}{c} 1.854(1.254-2.742)\\ 2.311(1.355-3.941)\\ 2.456(1.322-4.562)\\ 0.479(0.258-0.888)\\ 0.401(0.169-0.953)\\ 0.587(0.358-0.964)\\ 1.226(1.071-1.404)\\ 1.557(1.193-2.032) \end{array}$
APÖBR NFKB2 EMILIN2 C1QTNF1 PLOD1 IGBP1 PLEK2 PTPRU	0.029 0.017 0.043 0.008 0.023 0.022 0.029 0.014	1.549(1.047-2.292) 1.894(1.122-3.200) 1.334(1.009-1.764) 1.209(1.050-1.392) 1.227(1.028-1.463) 0.639(0.436-0.937) 1.453(1.039-2.030) 1.613(1.103-2.359)
PDE6H MAP2K1 MPO CYTIP GUCA1A SERPINB1 LCK E2F5	0.021 0.038 0.003 0.011 <0.001 0.026 0.013 0.037	3.892(1.230-12.315) 1.536(1.023-2.307) 2.618(1.375-4.986) 1.614(1.115-2.337) 2.050(1.343-3.130) 1.247(1.026-1.514) 1.729(1.120-2.668) 0.611(0.385-0.971)
NUCB2 ACVRL1 FOLR3 SLAMF6 ZNF606 UPP1 TNFSF14 <u>CALCRL</u>	0.020 0.048 0.005 0.004 0.040 0.002 0.002 0.002 0.030	$\begin{array}{c} 2.101(1.124-3.929)\\ 1.633(1.004-2.655)\\ 2.118(1.255-3.574)\\ 2.052(1.257-3.349)\\ 0.532(0.291-0.973)\\ 1.562(1.173-2.079)\\ 1.779(1.233-2.565)\\ 0.801(0.655-0.979)\\ \end{array}$
IIGB2 SH3BP2 TAGLN2 KYNU RBP1 CLEC10A ACTL6A LBH	0.021 0.002 0.021 0.047 0.035 0.047 0.041 0.041	1.216(1.03) = 1.439) 2.730(1.433 = 5.201) 1.104(1.015 = 1.201) 1.893(1.009 = 3.550) 1.139(1.009 = 1.284) 1.436(1.004 = 2.053) 0.668(0.454 = 0.983) 1.473(1.117 = 1.943)
BNC2 FKBP9 ANPEP CDH15 HLA-E GNA12 TXNIP ASNSD1	0.042 0.004 0.037 0.035 0.044 0.011 0.028 0.049	1.749(1.019-2.999) 1.257(1.077-1.467) 1.289(1.015-1.637) 0.596(0.368-0.964) 1.103(1.003-1.213) 1.361(1.074-1.725) 1.141(1.014-1.283) 0.645(0.417-0.997)
PSMC2 COL5A1 DMTN CD151 ITGAM C5AR1 PDSS1 LY75	0.041 0.013 0.040 0.025 0.026 0.023 0.006 0.039	1.508(1.018-2.233) 1.207(1.040-1.400) 1.314(1.012-1.706) 1.164(1.019-1.329) 1.437(1.044-1.979) 1.488(1.024-1.377) 0.424(0.228-0.786) 1.743(1.028-2.956)
CXCR6 TRABD2A TNFRSF1B FPR3 FAM20C TMEM248 TWF2 RNF185	0.017 0.001 0.042 0.044 <0.001 0.008 0.047 0.037	1.946(1.125-3.373) 3.849(1.711-8.659) 1.196(1.006-1.420) 1.230(1.005-1.506) 1.212(1.086-1.353) 1.463(1.103-1.941) 1.448(1.005-2.087) 0.571(0.338-0.966)
STAT3 RDH10 RGS19 CYP4F11 ADCY3 CLEC7A DOK3 FAM50B	0.002 0.014 0.041 0.036 0.033 0.040 0.009 0.034	1.814(1.237-2.660) 1.200(1.038-1.388) 1.529(1.018-2.295) 1.598(1.031-2.477) 1.840(1.049-3.228) 1.433(1.017-2.020) 1.733(1.147-2.617) 1.390(1.024-1.885)
HSD11B1 KRT80 G0S2 CEP112 SCG5 CASP4 MUL1 CSF2RB	0.026 0.001 0.013 0.017 0.025 0.008 0.039 0.035	1.346(1.036-1.749) 4.683(1.846-11.883) 1.183(1.037-1.350) 1.904(1.120-3.238) 1.182(1.021-1.369) 1.657(1.141-2.407) 1.572(1.024-2.414) 1.503(1.030-2.194)
KCNJ15 ALOX5 SOCS1 HPCAL1 TMTC1 CTSB TNFAIP2 NCF1C	0.004 0.019 0.012 0.005 0.028 0.001 0.005 0.004	$\begin{array}{c} 2.681(1.365-5.264)\\ 1.367(1.052-1.778)\\ 1.375(1.074-1.761)\\ 2.015(1.231-3.300)\\ 1.792(1.064-3.019)\\ 1.158(1.059-1.267)\\ 1.376(1.099-1.723)\\ 1.723(1.190-2.495)\\ \end{array}$
MAP3K7CL SLC4A3 C1off162 GANC CD68 FSD1 EN2 OSMR	0.048 0.008 0.037 0.047 0.030 0.016 0.039 <0.001	1.331(1.003-1.765) 1.489(1.109-1.998) 1.348(1.018-1.785) 0.427(0.185-0.988) 1.857(1.063-3.243) 0.653(0.462-0.922) 1.374(1.016-1.858) 1.434(1.193-1.724)
ZBTB5 TMEM243 CD96 SDR16C5 RHCG HEXA CD244 PLAUC	0.038 0.027 0.023 0.016 0.009 0.049 0.028 0.028	0.4010.1230-0.9933 0.587(0.358-0.964) 1.226(1.071-1.404) 1.557(1.193-2.032) 1.597(1.193-2.032) 1.334(1.009-1.764) 1.207(1.028-1.433) 0.639(0.436-0.937) 1.453(1.039-2.030) 1.613(1.103-2.359) 3.892(1.230-12.315) 1.536(1.023-2.307) 2.618(1.375-4.986) 1.614(1.115-2.337) 2.050(1.343-3.130) 1.247(1.026-1.514) 1.779(1.250-3.749) 2.050(1.343-3.130) 1.247(1.026-1.514) 1.729(1.120-2.668) 0.611(0.385-0.9779) 1.218(1.031-1.439) 2.101(1.124-3.929) 1.633(1.004-2.655) 2.118(1.255-3.574) 2.052(1.257-3.349) 0.532(0.291-0.973) 1.562(1.173-2.079) 1.2730(1.433-5.50) 1.779(1.233-2.566) 0.668(0.454-0.983) 1.436(1.004-2.053) 0.668(0.454-0.983) 1.436(1.004-2.053) 0.668(0.454-0.983) 1.436(1.004-2.053) 0.668(0.417-0.9997) 1.287(1.017-1.467) 1.289(1.015-1.637) 0.596(0.368-0.964) 1.103(1.103-1.213) 1.361(1.074-1.725) 1.141(1.018-2.233) 0.645(0.417-0.997) 1.267(1.040-1.400) 1.139(1.009-1.284) 1.304(1.019-1.329) 1.277(1.041-1.725) 1.443(1.019-1.329) 1.277(1.044-1.725) 1.443(1.028-2.936) 1.207(1.040-1.400) 1.134(1.012-1.706) 1.212(1.086-1.353) 1.463(1.103-1.213) 1.361(1.074-1.725) 1.448(1.028-2.936) 1.200(1.038-1.388) 1.529(1.018-2.233) 1.463(1.036-1.749) 1.484(1.018-2.233) 1.463(1.037-1.350) 1.212(1.086-1.353) 1.463(1.037-1.350) 1.212(1.086-1.353) 1.463(1.036-1.749) 1.484(1.018-2.287) 1.598(1.038-2.086) 1.212(1.086-1.353) 1.463(1.030-2.194) 2.533(1.147-2.617) 1.390(1.024-1.365) 1.212(1.086-1.353) 1.463(1.030-2.194) 2.541(1.262-2.077) 1.390(1.024-1.365) 1.231(1.003-2.194) 2.541(1.262-2.077) 1.390(1.024-1.365) 1.231(1.003-2.194) 2.541(1.262-2.077) 1.390(1.024-1.365) 1.231(1.003-2.194) 2.541(1.262-2.077) 1.376(1.019-1.229) 1.331(1.003-2.194) 2.541(1.262-2.133) 1.654(1.109-1.229) 1.331(1.003-2.194) 2.541(1.262-2.133) 1.654(1.030-2.289) 1.554(1.030-2.289) 1.554(1.030-2.289) 1.554(1.030-2.289) 1.554(1.030-2.289) 1.554(1.030-2.289) 1.554(1.030-2.289) 1.554(1.030-2.289) 1.554(1.030-2.289) 1.554(1.030-2.289) 1.554(1.030-2.289) 1.554(1.030-2.289) 1.5
PLAUR TMCO4 P2RX4 IL4I1 RAB34 HEXB PTPN7 PDZD9	<0.001 0.012 0.027 0.003 0.036 0.012 0.004 0.039	$\begin{array}{c} 1.661(1.294-2.133)\\ 1.654(1.116-2.451)\\ 2.155(1.089-4.265)\\ 1.554(1.158-2.084)\\ 1.158(1.009-1.328)\\ 1.464(1.086-1.973)\\ 1.778(1.204-2.627)\\ 0.316(0.106-0.945)\\ \end{array}$
SMAD4 EHD2 S100A8 USP6NL CDKN1A FAM20A TOLLIP LTBR	0.043 0.028 0.019 0.003 0.024 0.002 0.019 0.010	$\begin{array}{c} 0.480(0.235-0.978)\\ 1.177(1.018-1.362)\\ 1.123(1.019-1.238)\\ 0.357(0.180-0.709)\\ 1.123(1.016-1.242)\\ 1.630(1.202-2.211)\\ 1.791(1.101-2.915)\\ 1.711(1.140-2.569)\\ \end{array}$
TSEN15 CST7 CD40 TNNC2 PTK2B SLC15A3 YWHAG HS3ST1	0.010 0.018 0.002 0.019 0.045 0.035 0.005 0.028	0.669(0.492-0.909) 1.477(1.069-2.041) 1.853(1.243-2.764) 1.766(1.099-2.839) 1.484(1.008-2.185) 1.535(1.030-2.289) 1.259(1.071-1.481) 0.707(0.519-0.962)
TMEM176A HAS1 CEP57 PTER ARHGAP30 DDIT4L TRAM2 LCAT	0.020 <0.001 0.029 0.046 0.027 0.012 0.050 0.049	0.681(0.466-0.998)
GDPD2 TIMP4 ABRA CDC73 CARD16 GSDMD PDAP1 RAI14	0.039 0.008 0.026 0.024 0.048 0.016 0.049	0.886(0.812-0.966) 26.426(2.365-295.336) 0.522(0.295-0.924)
ZNF551 ADAM12 HSD3B7 CCR2 ARPC1B SLC43A3 RBM47 PLIN2	0.024 0.046 0.034 0.015 0.004 <0.001 0.031 0.035	0.495(0.269-0.914) 1.277(1.004-1.623) 1.503(1.031-2.192) 1.784(1.121-2.838) 1.375(1.108-1.707) 1.778(1.270-2.489) 1.489(1.037-2.137) 1.185(1.012-1.387)
JMJD8 KCNC4 OSGEPL1 ANG RNF135 MDK TRMT5 ERP29	0.036 0.047 0.049 0.042 0.005 0.002 0.003 0.003 0.013	1.583(1.03) - 2.429) 2.464(1.012 - 5.999) 0.532(0.284 - 0.997) 1.363(1.011 - 1.837) 1.770(1.190 - 2.633) 1.186(1.065 - 1.320) 0.436(0.252 - 0.752) 1.624(1.106 - 2.383)
HAS1 CEP57 PTER ARHGAP30 DDIT4L TRAM2 LCAT GDPD2 TIMP4 ABRA CDC73 CARD16 GSDMD PDAP1 RAI14 ZNF551 ADAM12 HSD3B7 CCR2 ARPC1B SLC43A3 RBM47 PLIN2 JMJD8 KCNC4 CCR2 ARPC1B SLC43A3 RBM47 PLIN2 JMJD8 KCNC4 CNC4 FS15 SCARPC1B SLC43A3 RBM47 PLIN2 JMJD8 KCNC4 CNC4 FS15 SCARPC1B SLC43A3 RBM47 PLIN2 JMJD8 KCNC4 FS15 SCARPC1B SCC4 SGEPL1 ANG RNF135 FBP1 SMIM10 PHF6 FSTL1 INFRSF9 FBP1 SMIM10 PHF6 FSSL1 SBMP2 SMIM10 PHF6 FAS BMP2 IKZF5 LTBP2 CCR5 RAP16 AP2 SCARP3 SCARP3 SCA	0.009 0.030 0.011 0.029 0.031 0.009 0.034 0.038	$\begin{array}{c} 1.352(1.118-2.184)\\ 3.766(1.139-12.455)\\ 1.355(1.071-1.714)\\ 1.340(1.031-1.744)\\ 0.584(0.359-0.952)\\ 1.229(1.052-1.436)\\ 1.399(1.026-1.907)\\ 2.911(1.063-7.973)\\ 0.971(1.063-7.973)$
MANBA MFF FAS BMP2 IKZF5 LTBP2 CCR5 RAP1GAP2 STY16	0.003 0.016 0.045 0.004 0.042 0.005 0.025 0.025	0.524(0.310-0.885) 1.271(1.005-1.608) 0.598(0.421-0.848) 0.608(0.376-0.983) 1.504(1.135-1.994) 1.430(1.046-1.957) 1.483(1.011-2.176) 1.604(1.072-2.201)
STATA RPP25 NDEL1 PTPN6 TNFSF9 RETN CHST9 FABP5 FABP5	0.030 0.011 0.004 0.043 0.007 0.002 0.011 0.035	1.50212.2205) 3.938(1.540-10.071) 1.542(1.014-2.346) 2.217(1.243-3.954) 1.552(1.175-2.051) 0.669(0.491-0.912) 1.114(1.008-1.231) 1.337(1.015-1.762)
LPCAT1 ERLIN2 MSN HTRA4 STAG2 ALDH3B1 SOX2 FERMT3	0.039 0.035 0.001 0.032 0.040 0.013 0.009 0.030	1.337(1.015-1.762) 1.806(1.043-3.126) 1.227(1.082-1.392) 2.067(1.063-4.021) 0.674(0.462-0.982) 1.797(1.133-2.851) 0.866(0.778-0.965) 1.363(1.030-1.802) 4.563(1.030-1.802)
SLC 10A3 XCL2 LRPAP1 IL10RB ELK3 TMEM51 FAP ANKED29	0.039 0.023 0.021 0.007 0.012 0.032 0.030 0.037 0.037	1.837(1.086-3.105) 1.452(1.057-1.994) 2.104(1.229-3.604) 1.581(1.106-2.259) 1.369(1.027-1.825) 1.468(1.038-2.076) 1.584(1.029-2.439) 1.757(1.062-2.907)
MYO1G ABHD11 C1R LILRA5 CHAC1 MARVELD1 HUS1 MZB1	0.0201 0.009 0.016 0.018 0.033 0.001 0.049 0.026	1402(1.046-1.879) 1.390(1.064-1.815) 1.473(1.002-1.623) 1.503(1.037-2.137) 1.503(1.037-2.1387) 1.503(1.037-2.1387) 1.503(1.037-2.1387) 1.503(1.037-2.1387) 1.503(1.037-2.1387) 1.503(1.037-2.1387) 1.503(1.037-2.1387) 1.503(1.037-2.1387) 1.503(1.037-2.1387) 1.503(1.037-2.1387) 1.503(1.017-1.714) 1.503(1.017-1.714) 1.503(1.017-1.714) 1.503(1.017-1.714) 1.503(1.017-1.714) 1.503(1.017-1.714) 1.503(1.017-1.714) 1.503(1.017-1.714) 1.503(1.017-1.714) 1.503(1.017-1.714) 1.503(1.017-1.714) 1.503(1.017-1.714) 1.503(1.003-1.7450) 1.503(1.003-1.7450) 1.503(1.003-1.7450) 1.503(1.003-1.7450) 1.503(1.003-1.7450) 1.503(1.003-1.7450) 1.503(1.003-1.7450) 1.503(1.003-1.7450) 1.503(1.003-1.9671) 1.504(1.135-1.9647) 1.503(1.003-1.9671) 1.524(1.1045-3.1260) 1.503(1.003-1.9671) 1.524(1.1045-3.1260) 1.503(1.003-1.8051) 1.503(1.003-1.8051) 1.503(1.003-1.8051) 1.503(1.003-1.8051) 1.503(1.003-1.8051) 1.503(1.003-1.8051) 1.503(1.003-1.8051) 1.503(1.003-1.8051) 1.503(1.003-2.8051) 1.503(1.003-2.8051) 1.503(1.003-2.8051) 1.503(1.003-2.8051) 1.503(1.003-2.8051) 1.503(1.002-2.9071) 1.503(1.002-2.9071) 1.503(1.002-2.9071) 1.503(1.002-2.9071) 1.503(1.002-2.9071) 1.503(1.002-2.9071) 1.503(1.002-2.9071) 1.503(1.002-2.9071) 1.503(1.002-2.9071) 1.503(1.002-2.9071) 1.503(1.002-2.9071) 1.5
EXOSC7 TRIP4 GLUD1 ITPKA SDC1 WWTR1 HK3 GNS	0.0231 0.004 0.019 0.001 0.010 0.036 0.005 0.007	0.434(0.204-0.925) 1.908(1.231-2.955) 0.828(0.706-0.970) 2.091(1.337-3.268) 1.224(1.049-1.428) 1.186(1.012-1.391) 1.484(1.126-1.956) 1.391(1.095-1.768)
KLK10 DPYD SPAG4 HSPA5 MYD88 TMED4 SEMA4F CKAP4	0.013 0.019 0.006 0.003 <0.001 0.042 0.002 0.018	5.873(1.454-23.725) 1.227(1.035-1.456) 1.470(1.116-1.936) 1.234(1.074-1.418) 1.797(1.291-2.502) 1.358(1.011-1.825) 2.668(1.420-5.013) 1.322(1.048-1.666)
B3GNT8 USP54 DDHD1 PPL GATA3 SLC35F6 NHSL2 PYHIN1	0.001 0.044 0.023 0.022 0.038 0.014 0.028 0.007	2:397(1:401-4:100) 0.644(0:419-0.989) 0.501(0:275-0.910) 1:455(1:057-2:002) 1:728(1:032-2:893) 1:704(1:115-2:605) 2:567(1:109-5:944) 3:474(1:416-8:522)
PLBD1 GBP3 PTPN22 SERPINH1 CD3E CD1D KLHL13 PLOD3	0.008 0.041 0.042 0.015 0.019 0.002 0.019 0.006	1.406(1.091-1.810) 1.185(1.007-1.395) 1.787(1.022-3.127) 1.180(1.033-1.349) 1.551(1.074-2.240) 1.975(1.289-3.026) 0.619(0.415-0.924) 1.443(1.110-1.874)
ŻÑF431 EGR4 NKG7 CAST ADPRH LAMB1 SNX20 OLFM1	0.015 0.003 0.009 0.021 0.007 0.025 0.020 0.018	0.443(0.230-0.852) 2.963(1.434-6.120) 1.546(1.115-2.142) 1.663(1.078-2.566) 1.797(1.178-2.742) 1.195(1.023-1.396) 1.644(1.083-2.495) 1.200(1.031-1.396)
SLC39A14 ETNK2 RGS7 DOK1 ARHGAP18 DKK3 PRSS36 MAP2K3	0.038 0.002 0.038 0.040 0.042 0.008 0.025 0.001	1.193(1.010-1.409) 1.399(1.129-1.735) 1.545(1.025-2.330) 1.913(1.030-3.551) 1.345(1.011-1.788) 1.209(1.050-1.392) 1.727(1.072-2.782) 2.107(1.331-3.337)
GZMB AP2A2 G6PC3 SNHG1 CLDN7 CD44 DNAJA4 DRAM1	<0.001 0.024 0.008 0.015 0.035 0.025 0.016 0.009	2.717(1.753-4.211) 1.929(1.091-3.412) 1.767(1.159-2.692) 0.667(0.482-0.924) 1.906(1.048-3.466) 1.126(1.015-1.248) 1.918(1.129-3.259) 1.593(1.125-2.255)
SPI1 USP44 DIRAS3 ITGB7 MCTP1 ZNF562 HK1 STOX1 STOX1	0.036 0.009 0.021 0.008 0.044 0.027 0.011 0.013	1.225(1.014-1.480) 0.159(0.040-0.633) 1.178(1.025-1.355) 2.529(1.273-5.024) 1.867(1.016-3.430) 0.422(0.197-0.908) 1.566(1.106-2.216) 0.575(0.371-0.891) 0.572(0.960-0.421)
ZNF823 MAP3K6 SERPINA1 DAND5 TWSG1 TRPV4 TXLNB AQP3	0.031 0.022 0.005 0.023 0.010 0.047 0.044 0.047	0.522(0.289-0.943) 1.430(1.053-1.941) 1.228(1.065-1.414) 0.440(0.216-0.894) 1.309(1.067-1.606) 1.608(1.006-2.570) 1.411(1.009-1.971) 1.750(1.007-3.041)
GNB2 PLTP ZNF253 FNDC4 SLC9A7 PRKRIP1 EXOG LAIR1	0.039 0.004 0.013 <0.010 <0.001 0.041 0.045 0.022	1.265(1.012-1.581) 1.122(1.037-1.214) 0.562(0.356-0.887) 1.282(1.060-1.550) 2.464(1.451-4.185) 1.672(1.021-2.739) 0.519(0.273-0.986) 1.408(1.051-1.887)
RAC1 RAC1 SCN1B ABCB7 GOT2 CTSW EMP3 ZMIZ1-AS1	0.041 0.024 0.044 0.032 0.033 0.012 0.038 0.008	1.110(1.004-1.227) 1.444(1.049-1.988) 1.686(1.014-2.803) 0.495(0.261-0.940) 0.604(0.380-0.961) 1.751(1.133-2.705) 1.116(1.006-1.238) 2.717(1.306-5.654) 0.666(0.245-0.245-0.202)
BPN11 COMMD2 PTPN2 FOSB GSTK1 TRPC2 TRPM2 C2	0.015 0.006 0.033 0.042 0.011 0.033 0.023 0.026	0.505(0.340-0.893) 0.591(0.405-0.862) 1.848(1.052-3.246) 1.224(1.007-1.488) 1.523(1.101-2.107) 3.047(1.095-8.475) 1.662(1.071-2.579) 1.432(1.044-1.965)
SLAMF8 RBBP9 GDPD1 PTGER4 PLD3 PRKAR2B HSPB1	0.015 0.032 0.028 0.038 0.008 0.028 0.028 0.028	1.308(1.055-1.621) 0.667(0.460-0.966) 0.661(0.457-0.956) 1.480(1.022-2.143) 1.432(1.099-1.866) 1.418(1.038-1.937) 1.164(1.056-1.283) 0.782(0.636-0.061)
NODITT LINGO2 SLC16A3 LAX1 TNFAIP8 DPP10 IL13RA1 GABRD	0.020 0.024 0.001 0.022 0.035 0.022 0.004 0.028	0.762(0.636-0.961) 2.802(1.147-6.847) 1.696(1.227-2.344) 3.435(1.197-9.855) 1.599(1.034-2.471) 0.579(0.363-0.923) 1.301(1.090-1.552) 1.394(1.037-1.874) 1.674(1.400-2.520)
KCTD11 KLK5 LITAF SYT5 PTPN12 ACTG2 NCF2 TMEM214	0.016 0.040 0.002 0.019 0.019 0.003 0.005 0.024	1.846(1.120-3.044) 2.090(1.035-4.220) 1.604(1.194-2.154) 1.754(1.095-2.811) 1.521(1.071-2.159) 1.567(1.168-2.101) 1.451(1.117-1.885) 1.632(1.066-2.498)
CXCL16 ASXL3 ANKRD55 ZKSCAN3 RGS14 MAP1LC3A ITGA3 DUSP6	0.020 0.048 0.028 0.018 0.004 0.002 0.002 0.011 0.008	1.235(1.034-1.474) 0.644(0.416-0.997) 2.157(1.085-4.288) 0.396(0.184-0.850) 1.812(1.203-2.728) 1.407(1.132-1.747) 1.266(1.055-1.519) 1.244(1.059-1.462)
GUSB MRC2 IQGAP1 C1RL B4GALT1 POLR1E HLA-J	0.009 0.030 0.042 0.030 0.001 0.022 0.028 0.020	1.467(1.103-1.952) 1.161(1.015-1.328) 1.134(1.005-1.280) 1.355(1.031-1.782) 1.426(1.150-1.768) 1.313(1.040-1.657) 0.594(0.374-0.945) 1.594(1.075-2.364)
C7ort31 HDAC7 MXRA5 ZNF844 LILRB3 SHISA5 FHL1 ABTB1 ABTB1	0.016 0.002 0.002 0.007 0.003 0.004 0.042 0.042	1.672(1.101-2.540) 2.128(1.246-3.637) 1.340(1.113-1.615) 0.512(0.314-0.833) 1.770(1.211-2.586) 1.558(1.155-2.101) 0.864(0.750-0.995) 2.160(1.148-4.067) 4.005(1.005)
ACP2 ACP2 TIMP1 GPR1 FZD7 FUCA1 ZNF627 C110ff4	0.013 0.045 0.009 0.022 0.037 0.036 0.004 0.033	1.664(1.010-2.546) 1.801(1.155-2.807) 1.077(1.011-1.148) 1.513(1.025-2.234) 1.179(1.011-1.376) 1.365(1.105-1.686) 0.718(0.529-0.974) 0.439(0.205-0.974)
CCNB1IP1 FXYD5 SLC11A1 CYP2E1 PRMT3 PML RARRES2 SL C25A48	0.0013 0.004 0.007 0.017 0.018 0.028 0.005 0.018	0.643(0.454-0.909) 1.540(1.147-2.067) 1.367(1.088-1.719) 0.262(0.087-0.788) 0.544(0.329-0.900) 1.801(1.065-3.047) 1.156(1.046-1.278) 0.574(0.362-0.910)
CLECSA FUCA2 COL6A1 ALOX15B NAGPA MIER1 ST8SIA4 CP	0.0102 0.022 0.028 0.039 0.004 0.020 0.031 0.037	1.436(1.145-1.801) 1.322(1.040-1.680) 1.093(1.010-1.183) 1.266(1.012-1.583) 3.781(1.526-9.373) 0.479(0.258-0.889) 1.444(1.033-2.017) 1.171(1.009-1.358)
VIPI1 EMILIN1 CCDC28B TREML2 ACHE NPTX1 BCL2A1 DCK2	0.008 0.022 0.027 0.006 0.016 0.030 0.009 0.009	1.498(1.186-3.035) 1.186(1.025-1.372) 0.585(0.364-0.939) 3.003(1.376-6.552) 1.593(1.092-2.325) 1.212(1.018-1.442) 1.256(1.057-1.492) 1.589(1.118-2.259)
FGF17 ECI2 ZNF420 TMBIM1 RFPL3S DENND2A IL2RG RPS10P7	0.031 0.033 0.004 0.010 0.026 0.040 0.033 0.026	0.573(0.346-0.949) 0.659(0.449-0.966) 0.388(0.203-0.742) 1.227(1.049-1.435) 0.517(0.289-0.926) 1.180(1.007-1.383) 1.517(1.035-2.223) 2.157(1.095-4.250)
USP3 UNC93B1 MTMR14 FN1 CD28 CTSL HTR7 OR51E1	0.0204 0.030 0.006 0.001 0.048 0.010 0.001 0.039	0.297(0.130-0.679) 1.440(1.036-2.002) 3.842(1.472-10.031) 1.155(1.058-1.262) 1.872(1.006-3.482) 1.191(1.043-1.362) 2.887(1.531-5.443) 1.667(1.026-2.709)
FCGR2B LOXL1 SLC25A20 B4GALT7 SMIM15 MFSD1 SIRPG TEP1	0.004 <0.001 0.005 0.004 0.013 0.025 0.006 0.015	1.473(1.132–1.917) 1.573(1.255–1.972) 1.486(1.130–1.954) 3.299(1.468–7.414) 1.945(1.148–3.295) 1.461(1.048–2.037) 2.312(1.274–4.196) 1.206(1.037–1.401)
FZD1 SLC25A22 BMPR1A GREM2 PRKAR1B SMS CTSC FAM114A1	0.005 0.036 0.003 0.013 0.044 0.042 0.036 0.040	1.354(1.095-1.674) 1.632(1.031-2.582) 0.381(0.201-0.724) 2.629(1.225-5.642) 1.338(1.008-1.775) 1.224(1.007-1.486) 1.374(1.021-1.849) 1.385(1.015-1.890)
CNTNAP1 ZYX RUNX1 AEBP1 TRAT1 SPINT2 TAPBP BTBD3	0.039 0.044 0.006 0.002 0.026 0.018 0.026 0.044	1.373(1.016-1.857) 1.112(1.003-1.232) 1.625(1.147-2.304) 1.133(1.047-1.227) 2.929(1.135-7.555) 1.849(1.110-3.080) 1.322(1.034-1.690) 0.654(0.432-0.988)
PTPÑĬ8 NUB1 HS3ST2 TH EXTL2 ZNF22 MT1G <u>ÇS</u> TA	0.018 0.013 0.006 0.014 0.007 0.004 0.008 0.016	1.760(1.100-2.817) 2.047(1.165-3.594) 1.540(1.132-2.094) 2.395(1.192-4.812) 0.495(0.297-0.825) 0.524(0.337-0.816) 1.309(1.073-1.597) 1.370(1.059-1.774)
INSL3 TNFAIP3 FKBP1B ZNF394 BMP1 IL1R2 NCF1 ZNF804A	<0.001 0.006 0.039 0.043 0.006 0.006 0.049 0.042	3.695(1.797-7.597) 1.613(1.150-2.260) 1.505(1.021-2.218) 2.603(1.029-6.580) 1.815(1.184-2.782) 1.479(1.117-1.958) 1.512(1.001-2.282) 0.649(0.429-0.984)
ZNF540 SPINT1 HOXB2 VWA5A CNBP EIF4A2 TYMP SPATOC	0.002 0.050 0.002 0.049 0.044 0.035 0.016 0.012	2.308(1.367-4.103) 0.368(0.136-0.998) 2.374(1.356-4.158) 1.174(1.000-1.377) 1.532(1.012-2.318) 0.717(0.527-0.977) 0.736(0.572-0.946) 1.370(1.071-1.753)
SPAIS2L SOX21 TMEM176B LOX DCBLD2 HRH2 ZAP70 TGFBI	0.010 0.003 0.047 0.017 0.039 0.029 0.027 0.045	1.745(1.146-2.658) 0.700(0.553-0.885) 1.095(1.001-1.197) 1.179(1.029-1.351) 1.384(1.016-1.886) 1.778(1.061-2.978) 1.982(1.081-3.634) 1.107(1.002-1.223)
UPF2 ZNF320 ALG1 SIL1 SLC39A10 LYNX1 IKBIP SNHG11	0.023 0.043 0.035 0.001 0.028 0.008 0.002 0.019	0.430(0.207-0.892) 0.554(0.312-0.983) 2.103(1.052-4.203) 2.313(1.391-3.845) 0.601(0.381-0.947) 1.568(1.127-2.181) 1.936(1.283-2.920) 1.547(1.074-2.298)
IL2RB SECTM1 DESI1 AGBL4 MYO15A MAST4 LILRA6 CASE	0.023 0.003 0.002 0.037 0.017 0.020 0.039 0.039 0.003	1.949(1.043-1.744) 1.965(1.256-3.074) 1.453(1.141-1.850) 0.574(0.341-0.967) 2.158(1.145-4.066) 9.640(1.438-64.613) 1.936(1.034-3.623) 1.916(1.242-2.955) 1.962(4.014)
TNERSE14 PDE6C PRKCD ARHGAP4 HNRNPC FCGR2C PAK1 MYCCT	0.038 0.044 0.045 0.033 0.039 0.040 0.003 0.003 0.010	1.203(1.013-1.574) 1.568(1.012-2.431) 0.218(0.049-0.964) 1.403(1.029-1.913) 1.614(1.025-2.542) 0.694(0.490-0.984) 1.537(1.163-2.032) 1.604(1.138-2.561)
MYO1F KCNA4 GPR27 MICAL2 SUMF1 TSLP TRIP6 ANKH	0.032 0.042 0.024 0.024 0.023 0.023 0.034 0.028 0.004	1.2006 1.217 - 0.3240 1.207 - 0.3240 1.207 - 0.3240 1.207 - 0.3240 1.207 - 0.3250 1.207 - 0.3250 1.207 - 0.3250 1.207 - 0.3250 1.207 - 0.3250 1.207 - 0.207 - 0.207 1.207 - 0.207 1.207 - 0.207 - 0.207 1.207 - 0.20
SLA2 ZKSCAN4 GPR68 SH2D1B TOMM20 NLRP12 PLCH1 KIA40044	0.005 0.003 0.003 0.004 0.008 0.008 0.008	2.888(1.384-6.027) 2.888(1.384-6.027) 0.497(0.261-0.944) 2.721(1.390-5.329) 11.478(2.264-58.189) 0.690(0.524-0.907) 3.006(1.590-5.681) 2.078(1.207-3.578)
NIPAL2 PIGB FRY SERPINF2 ITGB5 TSPAN4 TCF12 CEPE2	0.037 0.020 0.045 0.024 0.048 0.007 <0.001 0.001	1.608(1.077-2.400) 1.844(1.014-3.354) 0.543(0.320-0.922) 1.593(1.005-2.526) 1.411(1.098-1.814) 3.402(1.778-6.511) 0.724(0.595-0.880)
MED28 STARD7 DCTD CCT3 TREM1 GRN TTC5	0.001 0.018 0.020 0.019 0.002 0.012 0.004 0.006 0.018 0.037	0.501(0.279-0.898) 0.590(0.380-0.917) 1.652(1.200-2.273)
CBX8 LMAN2 MBD2 SLC22A18 LILRB2 GNPAT CLDN16 ADAMTS2 MLKL	0.026 0.050 0.014 0.024 0.043 0.016 0.007 0.033	$\begin{array}{c} 0.654(0.469-0.912)\\ 1.319(1.090-1.596)\\ 1.290(1.076-1.547)\\ 0.472(0.253-0.881)\\ 0.503(0.263-0.959)\\ 1.328(1.035-1.704)\\ 1.765(1.001-3.111)\\ 1.778(1.121-2.820)\\ 1.491(1.054-2.108)\\ 0.601(0.368-0.984)\\ 53.451(2.076-1376.387)\\ 1.709(1.156-2.528)\\ 1.820(1.049-3.159)\\ \end{array}$
MLKL GPAA1 SAMD13 EOGT TOR4A	0.033 0.028 <0.001 0.034 0.047	1.820(1.049-3.159) 1.820(1.049-3.159) 1.461(1.041-2.052) 0.347(0.192-0.628) 1.802(1.045-3.108) 1.571(1.006-2.454)



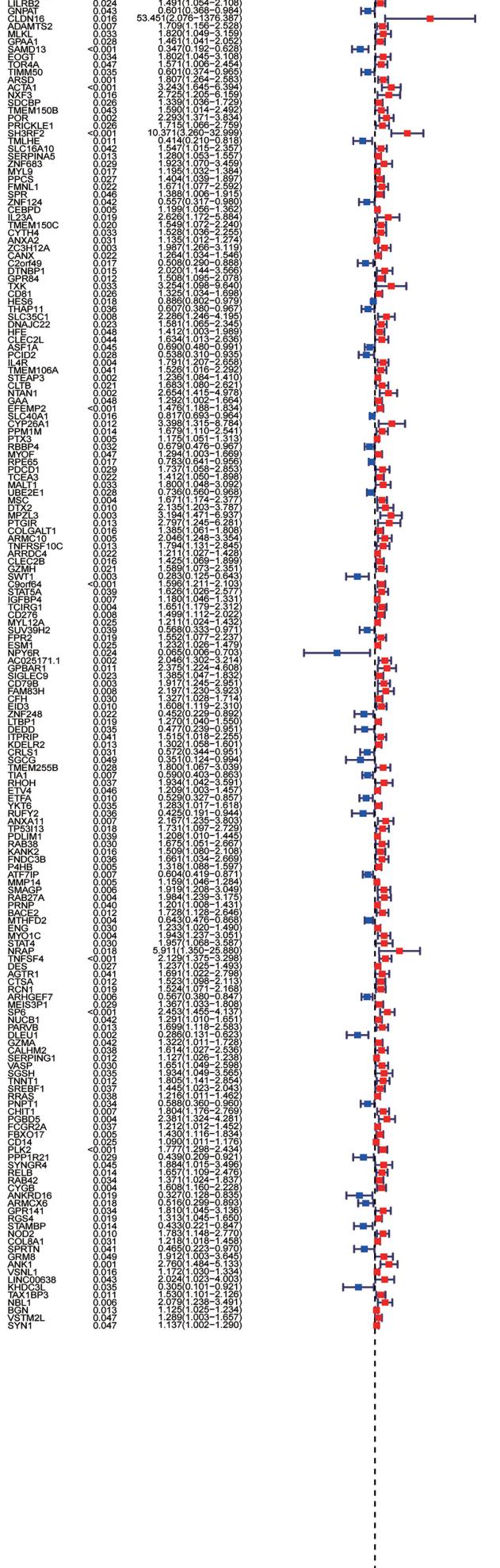


Figure S1 Forest plot of prognosis-related differential inflammatory genes.

0.1

0.001

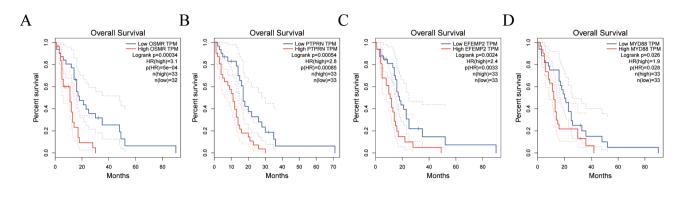
10

1

Hazard ratio

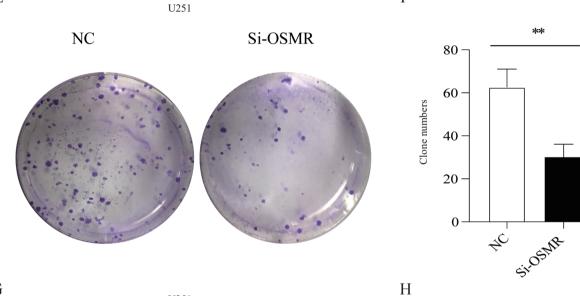
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10000



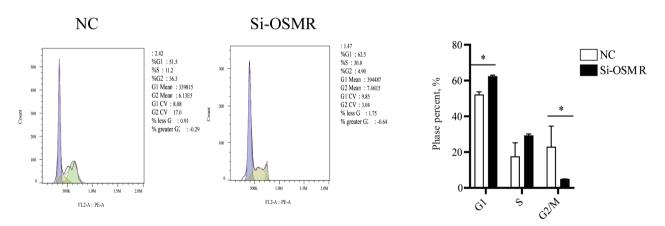
F





U251





**Figure S2** Interference of OSMR expression inhibits GBM cell proliferation and influences cell cycle. (A-D) the effect on the prognosis of the expression of OSMR, PTPRN, EFEMP2 and MYD88. (E) The images of colony formation assay in the U251 cells, stained with 1% crystal violet. (F) Statistical analysis of colony formation assay results after interference of OSMR in the U251 cells. (G) The effect of OSMR interference on the cell cycle of the U251 cells was detected by cell cycle assay. (H) Statistical analysis of cell cycle assay results after interference of OSMR in the U251 cells. \*P<0.05, \*\*P<0.01. GBM, glioblastoma.