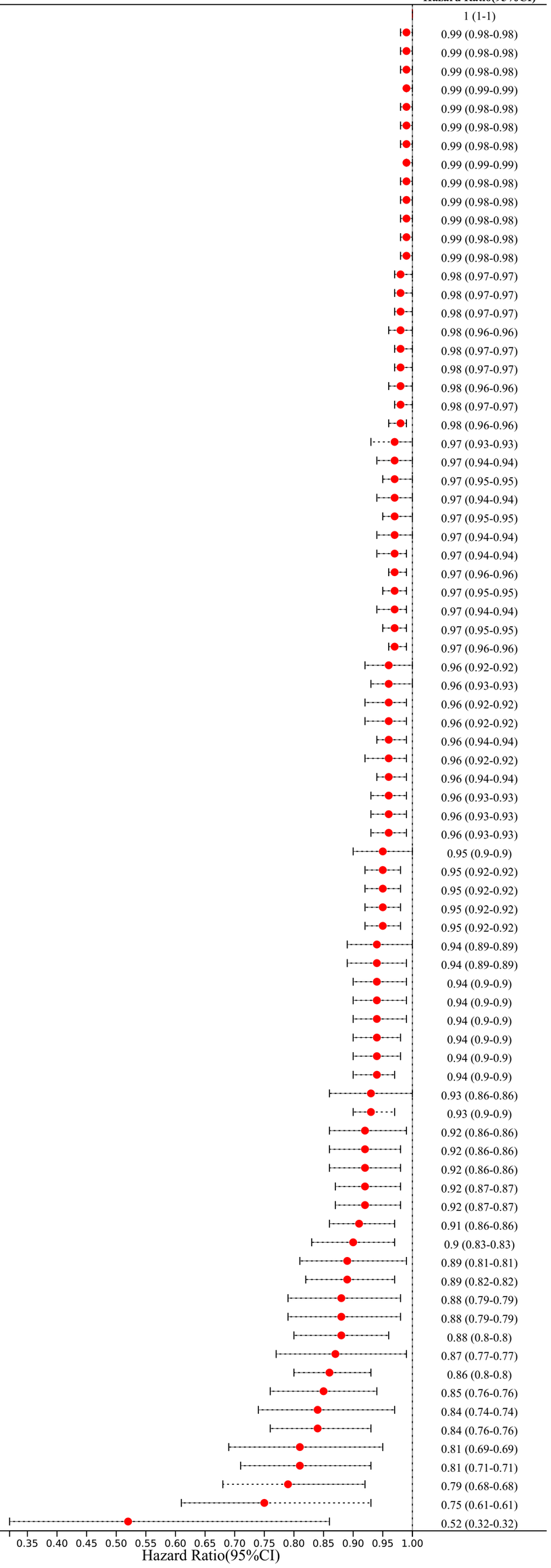
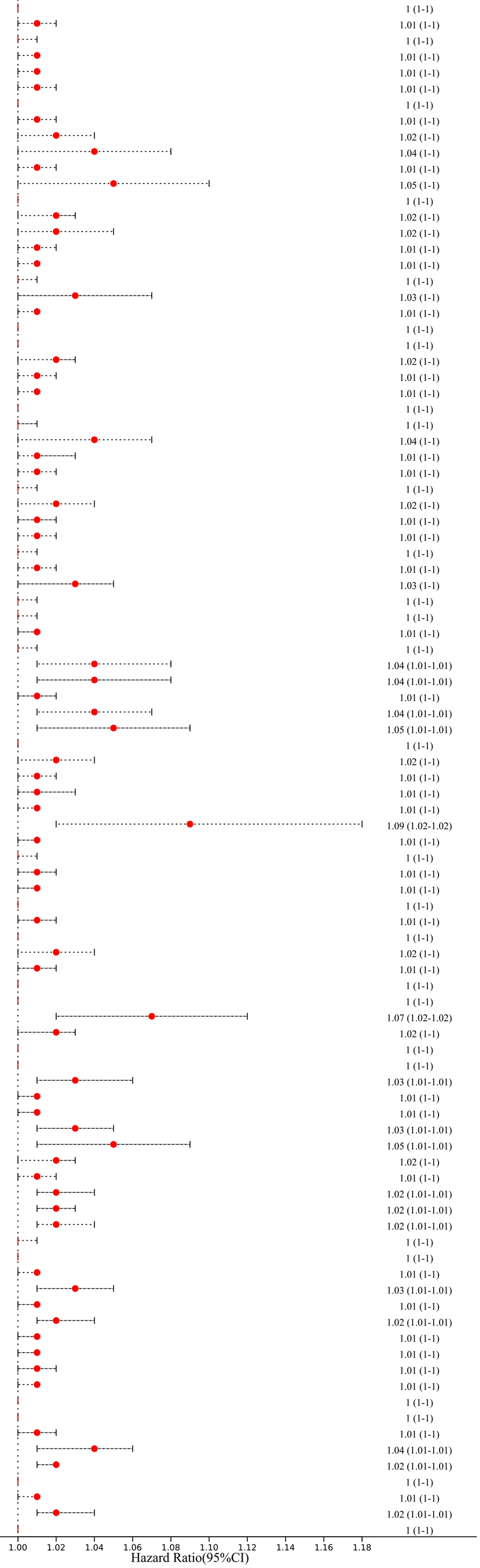
A

genename	pvalue	Hazard Ratio(95%CI)
CD53	0.040757	1 (1-1)
GZMA	0.038729	0.99 (0.98-0.98)
NKG7	0.023852	0.99 (0.98-0.98)
CD48	0.023442	0.99 (0.98-0.98)
CD3D	0.021338	0.99 (0.99-0.99)
CD3E	0.016678	0.99 (0.98-0.98)
LY86	0.013343	0.99 (0.98-0.98)
SASH3	0.012941	0.99 (0.98-0.98)
GIMAP4	0.012522	0.99 (0.99-0.99)
CD2	0.011792	0.99 (0.98-0.98)
MPEG1	0.010946	0.99 (0.98-0.98)
NAPSB	0.009939	0.99 (0.98-0.98)
RASSF2	0.009766	0.99 (0.98-0.98)
GIMAP7	0.004596	0.99 (0.98-0.98)
KLRB1	0.039313	0.98 (0.97-0.97)
RCSD1	0.026123	0.98 (0.97-0.97)
ITGAL	0.024983	0.98 (0.97-0.97)
GIMAP8	0.022881	0.98 (0.96-0.96)
CD1C	0.020415	0.98 (0.97-0.97)
CD8A	0.017537	0.98 (0.97-0.97)
GZMK	0.017531	0.98 (0.96-0.96)
GIMAP6	0.012314	0.98 (0.97-0.97)
SLAMF6	0.005125	0.98 (0.96-0.96)
CD247	0.044509	0.97 (0.93-0.93)
GPR171	0.04034	0.97 (0.94-0.94)
CCR5	0.03791	0.97 (0.95-0.95)
ST8SIA4	0.034211	0.97 (0.94-0.94)
IL2RB	0.023804	0.97 (0.95-0.95)
SIT1	0.020586	0.97 (0.94-0.94)
PCED1B-AS1	0.019399	0.97 (0.94-0.94)
CLEC10A	0.009395	0.97 (0.96-0.96)
CD7	0.006603	0.97 (0.95-0.95)
CD5	0.003529	0.97 (0.94-0.94)
CELF2	0.003048	0.97 (0.95-0.95)
FAM53B	7.06E-05	0.97 (0.96-0.96)
P2RY10	0.03604	0.96 (0.92-0.92)
CD6	0.025967	0.96 (0.93-0.93)
SCIMP	0.025929	0.96 (0.92-0.92)
CCR2	0.023403	0.96 (0.92-0.92)
IKZF1	0.017793	0.96 (0.94-0.94)
GZMM	0.014205	0.96 (0.92-0.92)
P2RY8	0.006942	0.96 (0.94-0.94)
EBI3	0.006669	0.96 (0.93-0.93)
SPN	0.005889	0.96 (0.93-0.93)
PPP1R16B	0.002504	0.96 (0.93-0.93)
TNFSF8	0.047036	0.95 (0.9-0.9)
BCL2	0.004061	0.95 (0.92-0.92)
FAM78A	0.003893	0.95 (0.92-0.92)
CD1D	0.002372	0.95 (0.92-0.92)
TRBV20-1	0.001276	0.95 (0.92-0.92)
TIGIT	0.043094	0.94 (0.89-0.89)
GAB3	0.019595	0.94 (0.89-0.89)
RHOH	0.015255	0.94 (0.9-0.9)
SH2D1A	0.013959	0.94 (0.9-0.9)
CD3G	0.010295	0.94 (0.9-0.9)
SNX20	0.007929	0.94 (0.9-0.9)
LYL1	0.001906	0.94 (0.9-0.9)
GIMAP1	0.001463	0.94 (0.9-0.9)
CD40LG	0.044161	0.93 (0.86-0.86)
PPM1K	0.000219	0.93 (0.9-0.9)
TESPA1	0.032519	0.92 (0.86-0.86)
PYHIN1	0.014355	0.92 (0.86-0.86)
SLAMF1	0.009861	0.92 (0.86-0.86)
GAPT	0.004785	0.92 (0.87-0.87)
GPR65	0.004511	0.92 (0.87-0.87)
LINC00324	0.002555	0.91 (0.86-0.86)
DBH-AS1	0.009257	0.9 (0.83-0.83)
KLRG1	0.026836	0.89 (0.81-0.81)
IPCEF1	0.010082	0.89 (0.82-0.82)
PRKCQ-AS1	0.025029	0.88 (0.79-0.79)
AL365361.1	0.01837	0.88 (0.79-0.79)
IGFLR1	0.002866	0.88 (0.8-0.8)
LINC00861	0.029209	0.87 (0.77-0.77)
PLD4	5.10E-05	0.86 (0.8-0.8)
CASP17P	0.00233	0.85 (0.76-0.76)
XCR1	0.014002	0.84 (0.74-0.74)
GRAP2	0.000683	0.84 (0.76-0.76)
ZNF831	0.008045	0.81 (0.69-0.69)
AC004847.1	0.003079	0.81 (0.71-0.71)
SCML4	0.002934	0.79 (0.68-0.68)
LINC00494	0.008167	0.75 (0.61-0.61)
SATB1-AS1	0.009799	0.52 (0.32-0.32)



B

genename	pvalue	Hazard Ratio(95%CI)
SDHAP1	0.04743	1 (1-1)
NDUFA9P1	0.046886	1.01 (1-1)
SUMO1P3	0.04618	1 (1-1)
AC024451.2	0.045736	1.01 (1-1)
AC034102.1	0.045034	1.01 (1-1)
AC011611.5	0.045018	1.01 (1-1)
MORF4L1P1	0.044271	1 (1-1)
TAF9BP1	0.043541	1.01 (1-1)
RGPD3	0.042169	1.02 (1-1)
AL359263.1	0.040266	1.04 (1-1)
EIF4EP1	0.040062	1.01 (1-1)
RGPD4	0.039387	1.05 (1-1)
TMSB4XP2	0.038921	1 (1-1)
AC113155.1	0.038725	1.02 (1-1)
RBMXP2	0.036567	1.02 (1-1)
AL138752.1	0.033466	1.01 (1-1)
AC138951.1	0.033301	1.01 (1-1)
AC125807.1	0.032498	1 (1-1)
ADAM21	0.032014	1.03 (1-1)
CALM2P3	0.031942	1.01 (1-1)
MIR554	0.031927	1 (1-1)
SCARNA21	0.031661	1 (1-1)
RPL7P21	0.030794	1.02 (1-1)
ACTBP7	0.030256	1.01 (1-1)
AC133435.1	0.028012	1.01 (1-1)
AL732366.1	0.02731	1 (1-1)
C1orf195	0.025256	1 (1-1)
AC110373.1	0.023967	1.04 (1-1)
AC130689.1	0.02313	1.01 (1-1)
AL449212.1	0.022619	1.01 (1-1)
ASPM	0.022538	1 (1-1)
AC034105.3	0.022311	1.02 (1-1)
AC104619.3	0.022138	1.01 (1-1)
PTPN2P1	0.021953	1.01 (1-1)
HMGA1P2	0.021632	1 (1-1)
POLQ	0.021324	1.01 (1-1)
TRPV1	0.020612	1.03 (1-1)
AL354733.3	0.020573	1 (1-1)
EEF1A1P4	0.020263	1 (1-1)
ANXA2P1	0.018094	1.01 (1-1)
CALM2P2	0.017752	1 (1-1)
OTUD4P1	0.017692	1.04 (1.01-1.01)
TLK2P1	0.017351	1.04 (1.01-1.01)
GJA1P1	0.016915	1.01 (1-1)
IGF2BP2-AS1	0.016907	1.04 (1.01-1.01)
AC090971.5	0.015981	1.05 (1.01-1.01)
AC104046.1	0.015853	1 (1-1)
AL365217.1	0.015435	1.02 (1-1)
ETF1P2	0.015416	1.01 (1-1)
HMGB1P14	0.015334	1.01 (1-1)
FTH1P3	0.015161	1.01 (1-1)
AC007161.1	0.015134	1.09 (1.02-1.02)
FAM86HP	0.014231	1.01 (1-1)
FTH1P4	0.013775	1 (1-1)
GPR52	0.013499	1.01 (1-1)
PRR13P2	0.012916	1.01 (1-1)
SNORA12	0.012521	1 (1-1)
ZC3H11B	0.012032	1.01 (1-1)
SNORD89	0.011596	1 (1-1)
SDHDP6	0.011092	1.02 (1-1)
ANKRD61	0.009674	1.01 (1-1)
ANKRD36C	0.009367	1 (1-1)
PLEC	0.009161	1 (1-1)
AL591135.1	0.008762	1.07 (1.02-1.02)
AC018797.2	0.007966	1.02 (1-1)
AHNAK2	0.007455	1 (1-1)
CHMP4BP1	0.007399	1 (1-1)
GLIPR1L1	0.007265	1.03 (1.01-1.01)
FAM157A	0.007261	1.01 (1-1)
KRT8P33	0.007203	1.01 (1-1)
AC087257.2	0.007203	1.03 (1.01-1.01)
DCST1	0.007033	1.05 (1.01-1.01)
SEC63P1	0.00655	1.02 (1-1)
AL118556.2	0.006529	1.01 (1-1)
KRT18P7	0.00633	1.02 (1.01-1.01)
MORF4	0.006249	1.02 (1.01-1.01)
AL365440.1	0.006112	1.02 (1.01-1.01)
SMG1P3	0.005859	1 (1-1)
SCARNA7	0.005836	1 (1-1)
PRDX3P1	0.005491	1.01 (1-1)
SMARCE1P1	0.004561	1.03 (1.01-1.01)
FTH1P12	0.004335	1.01 (1-1)
AL132777.1	0.004211	1.02 (1.01-1.01)
RPL12P42	0.004107	1.01 (1-1)
AL139174.1	0.003961	1.01 (1-1)
SCARNA18	0.003776	1.01 (1-1)
AL627402.1	0.003731	1.01 (1-1)
SCARNA9	0.003115	1 (1-1)
XDH	0.002826	1 (1-1)
MPRIPP1	0.002441	1.01 (1-1)
WASHC5-AS1	0.00121	1.04 (1.01-1.01)
CEP295NL	0.00098	1.02 (1.01-1.01)
MALAT1	0.000929	1 (1-1)
AK3P5	0.000344	1.01 (1-1)
AL158201.1	0.000203	1.02 (1.01-1.01)
ITGB4	4.26E-05	1 (1-1)