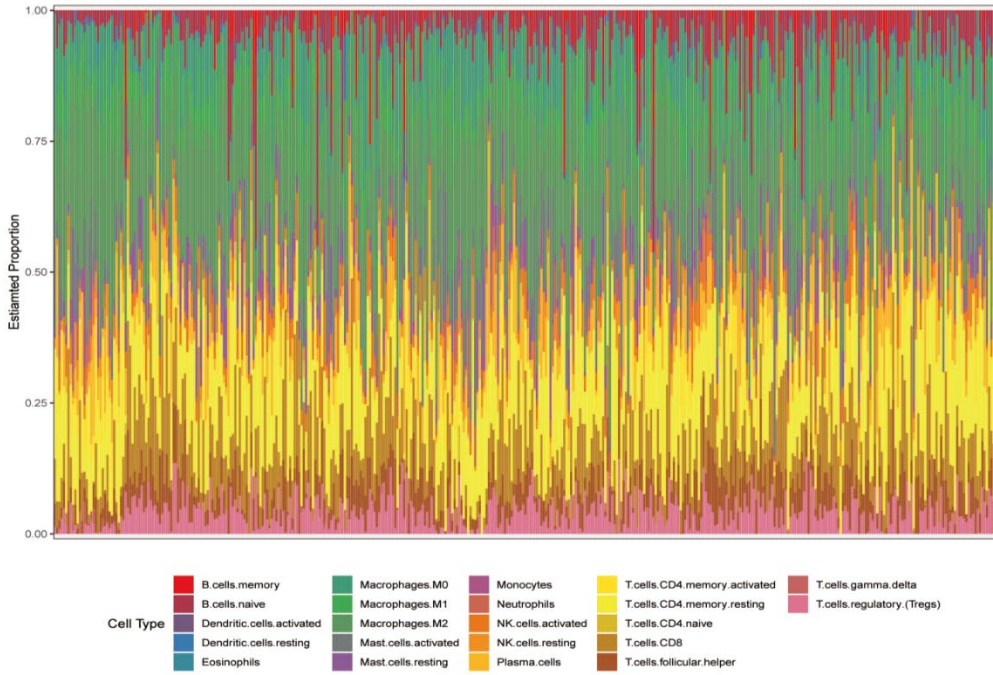
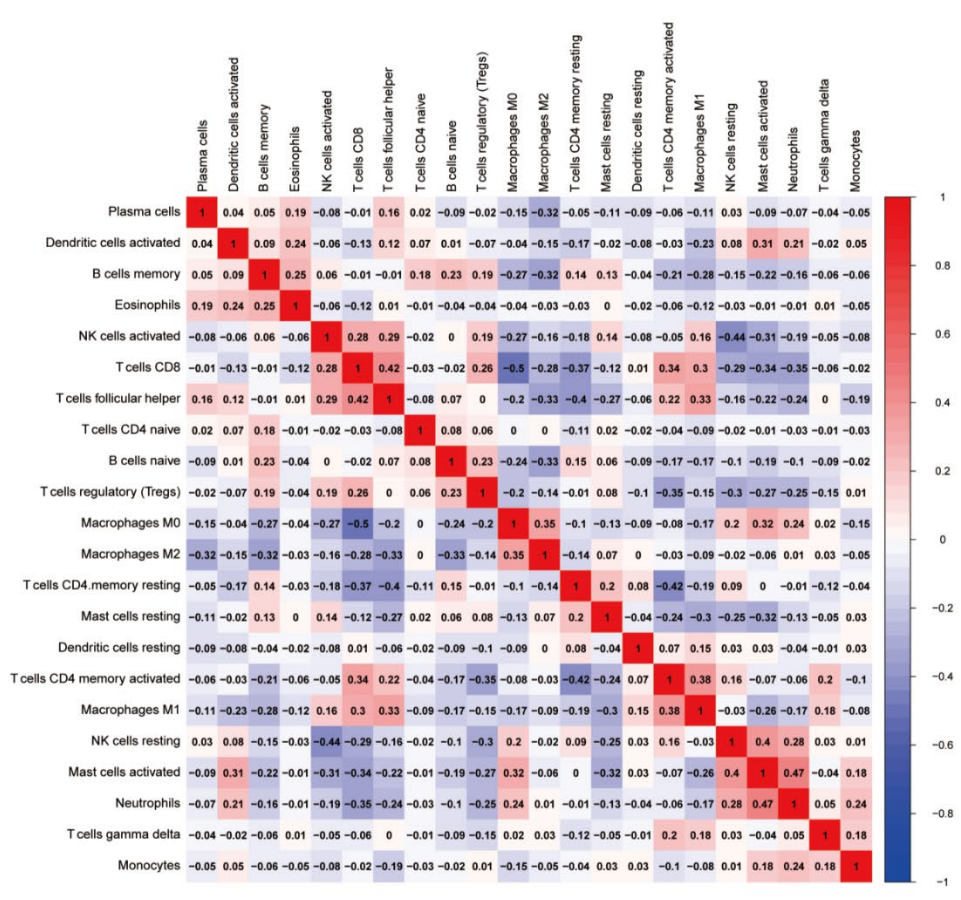
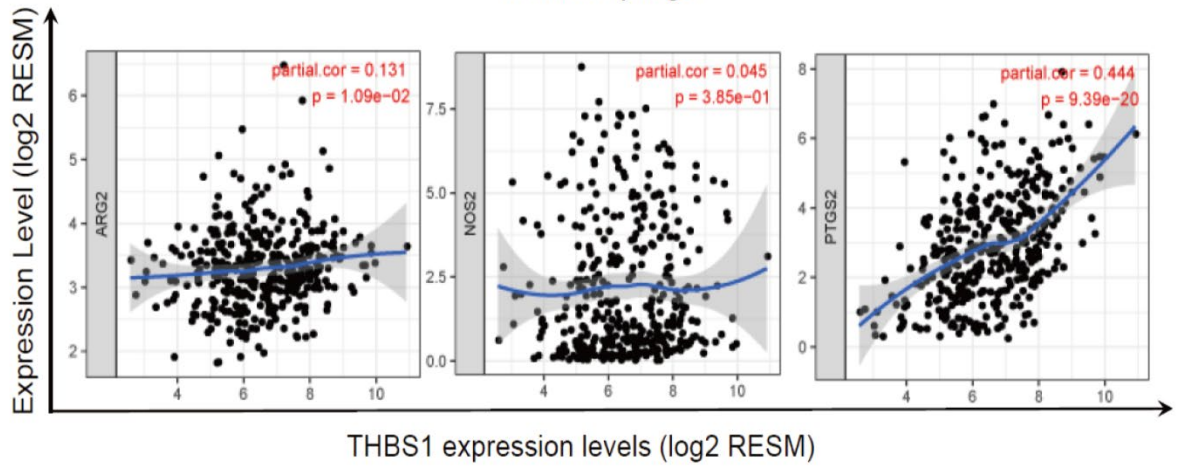
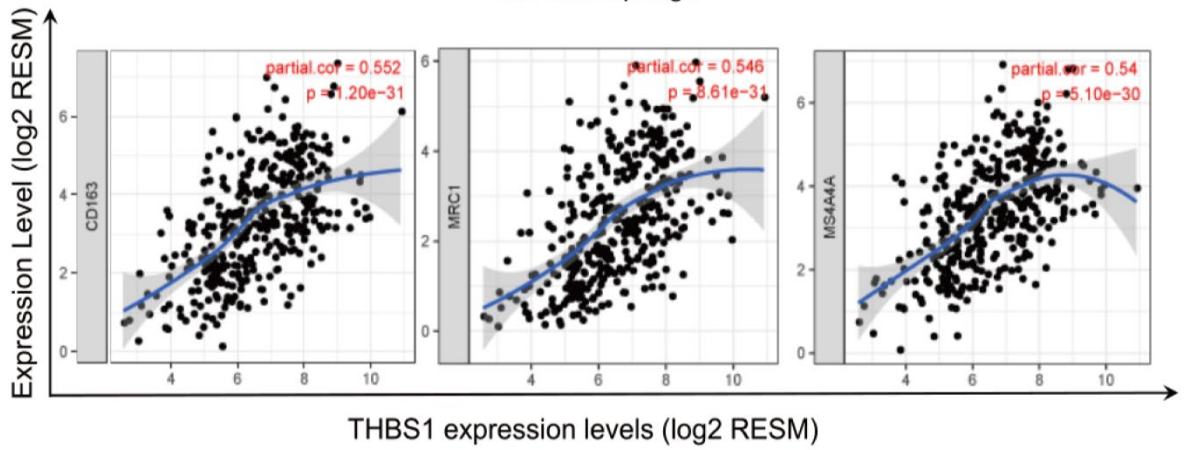
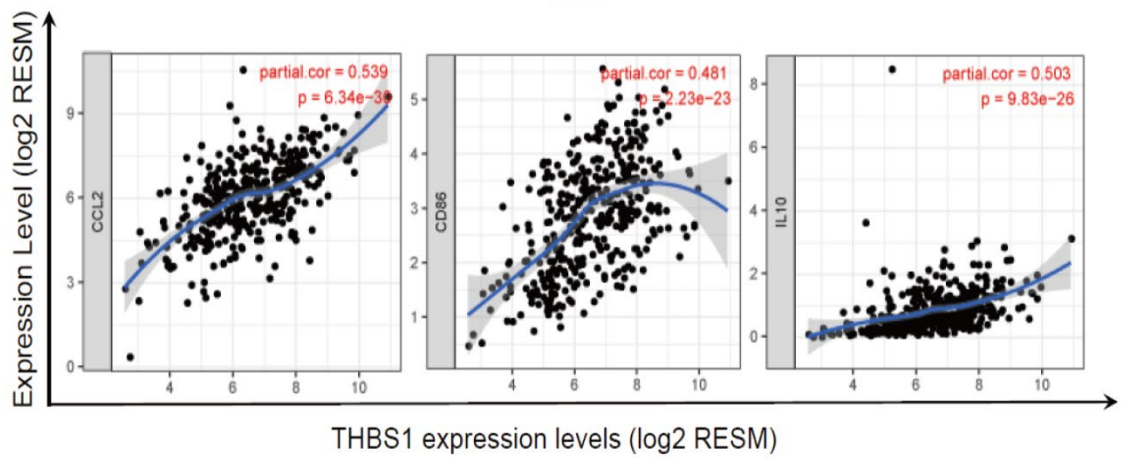


A



B



A**M1 Macrophage****B****M2 Macrophage****C****TAM**

Supplementary Table S1

Gene	Drug	correlation	pvalue
THBS1	Oxaliplatin	-0.5377	9.41E-06
THBS1	Tamoxifen	-0.50324	4.16E-05
THBS1	By-Product of CUDC-305	-0.49616	5.54E-05
THBS1	Everolimus	0.472319	0.000139
THBS1	Ixabepilone	-0.47176	0.000142
THBS1	Staurosporine	0.470288	0.00015
THBS1	Crizotinib	-0.42445	0.000725
THBS1	PX-316	-0.40395	0.001371
THBS1	Nilotinib	-0.39947	0.001567
THBS1	Erlotinib	0.395069	0.001784
THBS1	Palbociclib	-0.38756	0.002218
THBS1	Methotrexate	-0.38677	0.002268
THBS1	Homoharringtonine	-0.3842	0.002441
THBS1	Dolastatin 10	-0.37832	0.002879
THBS1	LDK-378	-0.37478	0.003175
THBS1	Vinblastine	-0.37288	0.003344
THBS1	Vinorelbine	-0.37168	0.003456
THBS1	Tanespimycin	-0.36771	0.003848
THBS1	Rapamycin	0.364174	0.00423
THBS1	Cyclophosphamide	-0.36277	0.00439
THBS1	Dromostanolone Propionate	-0.35961	0.004772
THBS1	Eribulin mesilate	-0.35815	0.004959
THBS1	Actinomycin D	-0.356	0.005244
THBS1	Dasatinib	0.346451	0.006694
THBS1	Bafetinib	-0.34602	0.006768
THBS1	Lenvatinib	0.338122	0.008234
THBS1	Imatinib	-0.3339	0.009127
THBS1	Acrichine	-0.32473	0.011358
THBS1	Raloxifene	-0.31977	0.012753
THBS1	Paclitaxel	-0.31877	0.013051
THBS1	Hypothemycin	-0.31839	0.013165
THBS1	Zoledronate	0.318022	0.013278
THBS1	Entinostat	-0.3126	0.015026
THBS1	Alvespimycin	-0.3121	0.015197
THBS1	Triciribine phosphate	0.311724	0.015327
THBS1	Belinostat	-0.31024	0.015849
THBS1	Dexrazoxane	-0.30986	0.015982
THBS1	geldanamycin analog	-0.3089	0.01633
THBS1	Simvastatin	0.303966	0.018219
THBS1	Bleomycin	0.3013	0.019314

THBS1	Ibrutinib	0.299991	0.019872
THBS1	Lapachone	-0.29885	0.020368
THBS1	8-Chloro-adenosine	-0.29309	0.023044
THBS1	Pipamperone	-0.29188	0.023645
THBS1	Cobimetinib (isomer 1)	-0.28558	0.02698
THBS1	Irofulven	0.285566	0.026985
THBS1	BN-2629	-0.28511	0.027243
THBS1	Dimethylaminoparthenolide	-0.28198	0.029053
THBS1	Lomustine	-0.28165	0.02925
THBS1	Vincristine	-0.28118	0.029531
THBS1	Fluorouracil	-0.27758	0.031773
THBS1	AT-13387	-0.2772	0.032017
THBS1	XK-469	-0.27188	0.035601
THBS1	Sunitinib	-0.26474	0.040939
THBS1	E-7820	-0.26292	0.042399
THBS1	7-Tert-butyltrimethylsilyl-10-hydroxycamptothecin	-0.26213	0.043044
THBS1	Ifosfamide	-0.2575	0.047004
THBS1	Amonafide	-0.25722	0.047252
THBS1	Afatinib	0.257109	0.047352
THBS1	O-6-Benzylguanine	0.256173	0.048192
THBS1	Daunorubicin	-0.25587	0.048469

Supplementary Figure Legends

Figure S1 Analysis of the proportion of tumor infiltrating immune cells in GC and their correlation with CIBERSORT. **(A)** Estimated proportion of 22 tumor infiltrating immune cells in GC. **(B)** Correlation of 22 tumor infiltrating immune cells.

Figure S2 Correlation of *THBS1* expression with markers of macrophage polarization in GC. Scatter plots of the correlation of *THBS1* expression with M1 macrophages **(A)**, M2 macrophages **(B)** and TAMS (tumor-associated macrophages) **(C)** are shown.

Supplementary Table

Table S1 Correlation of *THBS1* with anticancer drug sensitivity