

## SUPPLEMENTARY TABLE

Supplementary Table 1. Relationship between KIAA1429 expression and immune cell infiltration in six cancers.

CellType	HNSC	LIHC	LUAD	LUSC	THCA	THYM
	(P-value/Cor)	(P-value/Cor)	(P-value/Cor)	(P-value/Cor)	(P-value/Cor)	(P-value/Cor)
B cells memory	0.05	***0.21	-0.08	0.04	**0.11	*/-0.22
B cells naive	**/-0.14	-0.08	0.04	-0.02	**/-0.13	**/-0.27
Dendritic cells activated	-0.05	-0.06	-0.01	0.07	-0.07	0.02
Dendritic cells resting	0.08	0.06	*/-0.1	**/-0.12	0.03	*0.2
Eosinophils	-0.04	0.04	0.03	0.02	**0.12	-0.05
Macrophages M0	*0.1	***0.28	**0.13	***0.25	0.07	**/-0.28
Macrophages M1	0.08	-0.1	*0.09	-0.08	**/-0.13	***/-0.39
Macrophages M2	-0.01	**/-0.16	-0.07	-0.05	0.03	***/-0.39
Mast cells activated	0.08	0.02	0.02	*0.1	*/-0.1	**/-0.29
Mast cells resting	***/-0.15	-0.05	***/-0.21	-0.03	**0.13	**/-0.25
Monocytes	**/-0.12	***/-0.2	*/-0.09	-0.05	0.01	-0.05
Neutrophils	***/-0.15	-0.08	*/-0.09	*/-0.11	*/-0.11	0.15
NK cells activated	**0.13	0.08	*0.11	***0.15	0.06	*/-0.22
NK cells resting	***/-0.15	**/-0.15	0	*/-0.09	**0.13	0.05
Plasma cells	*/-0.09	0.04	0.03	*/-0.09	***/-0.17	**/-0.3
T cells CD4 memory activated	0	-0.02	0.04	***/-0.18	-0.07	***/-0.4
T cells CD4 memory resting	-0.06	**/-0.14	***/-0.2	**/-0.14	*/-0.1	***/-0.32
T cells CD4 naive	0.09	0	NA	*0.1	0.06	***0.48
T cells CD8	-0.04	-0.01	*0.1	*/-0.1	-0.06	0.09
T cells follicular helper	0.07	**0.15	***0.19	***0.17	0.07	***0.46
T cells gamma delta	0	0.06	-0.01	0	*0.09	NA
T cells regulatory (Tregs)	-0.07	***0.31	0.07	0.01	-0.03	0.17

\* $P < 0.05$ , \*\* $P < 0.01$ , and \*\*\* $P < 0.001$ .