

Supplementary Table 4. The relationship between adaptive immune resistance pathway genes and ICGs in EC tissues.

	CD8A_cor	CD68_cor	GZMB_cor	NOS2_cor	CD8A_corP	CD68_corP	GZMB_corP	NOS2_corP
TNFRSF18	0.024508195	0.092705761	0.049385124	0.036973425	0.576741858	0.034385362	0.260497685	0.399678767
TNFRSF4	0.431698527	0.412209402	0.380313547	0.069620288	4.59E-25	8.65E-23	2.25E-19	0.112462352
TNFRSF14	0.477396407	0.28266388	0.277174491	0.254448726	5.16E-31	5.00E-11	1.21E-10	3.83E-09
TNFRSF25	0.058416885	0.004305586	0.012506425	0.005350553	0.183082207	0.921899548	0.77580508	0.903028765
TNFRSF9	0.715021879	0.252897023	0.376841563	0.148380255	1.01E-82	4.80E-09	5.03E-19	0.000679965
TNFRSF8	0.209466295	0.170492682	0.219337331	0.004574085	1.41E-06	9.20E-05	4.28E-07	0.917046182
VTCN1	-0.102147737	0.000384812	-0.102757137	-0.032320474	0.019697105	0.993008712	0.018973313	0.461640069
CD160	0.062842968	-0.005019849	0.00867619	0.041455219	0.152032762	0.908995461	0.843384817	0.344982538
CD48	0.756262111	0.606017374	0.563062773	0.100379093	1.10E-97	1.51E-53	6.57E-45	0.021935527
CD244	0.854266361	0.4428357	0.537919957	0.282371149	1.40E-149	1.97E-26	2.06E-40	5.25E-11
TNFSF18	0.098955769	0.036571254	0.054753608	0.132550314	0.023894037	0.404828884	0.212137773	0.002432312
TNFSF4	0.071861062	0.059676481	0.042230498	0.002304044	0.101330296	0.173804084	0.336028	0.958158558
CD28	0.524601285	0.250444121	0.277200437	0.046694165	3.53E-38	6.82E-09	1.21E-10	0.287403669
CTLA4	0.547898643	0.302546207	0.479223484	0.104228422	3.76E-42	1.72E-12	2.86E-31	0.017320686
ICOS	0.775104678	0.307636796	0.413363095	0.184488464	1.47E-105	6.98E-13	6.41E-23	2.26E-05
PDCD1	0.861997544	0.524208583	0.685019708	0.199897632	2.94E-155	4.09E-38	2.07E-73	4.26E-06
HHLA2	-0.011471527	-0.010853193	-0.045943781	0.046134656	0.793921195	0.804799112	0.295228617	0.293224818
CD200	0.066168249	-0.075420432	-0.064593542	-0.028908832	0.131466481	0.085465408	0.140920542	0.510275298
BTLA	0.530456486	0.250357202	0.327785489	0.134816962	3.79E-39	6.90E-09	1.63E-14	0.002042694
CD200R1	0.596510714	0.147858117	0.23365301	0.120666348	1.60E-51	0.000710633	6.84E-08	0.005820458
TIGIT	0.912122396	0.487411317	0.588115976	0.265559242	3.75E-203	1.93E-32	8.63E-50	7.37E-10
CD80	0.420846473	0.279833315	0.214913803	0.02667123	8.85E-24	7.91E-11	7.36E-07	0.54356692
CD86	0.621854364	0.478325584	0.439589343	0.048657956	4.46E-57	3.82E-31	4.99E-26	0.267590855
HAVCR2	0.837876527	0.568336964	0.585946326	0.159557516	1.46E-138	6.67E-46	2.38E-49	0.00025551
IDO1	0.401433964	0.10267899	0.197063979	0.417707913	1.36E-21	0.019064813	5.85E-06	2.04E-23
IDO2	0.031888295	0.000308607	0.015747821	-0.013826013	0.467654675	0.994393176	0.719887175	0.752881871
CD274	0.538039915	0.257186538	0.311429187	0.339618569	1.97E-40	2.57E-09	3.51E-13	1.57E-15
TNFSF15	0.066137578	-0.037809495	-0.033604282	0.10797318	0.131645816	0.389098777	0.444029901	0.013669747
NRP1	0.091210188	0.009409516	-0.024042618	-0.037718406	0.037410972	0.830340347	0.584005056	0.390243141
CD44	0.105868843	0.138785654	0.069620283	0.050457972	0.015627773	0.001495199	0.112462379	0.250271259
CD27	0.759005964	0.649177197	0.669807531	0.111594942	8.73E-99	1.15E-63	4.16E-69	0.010801674
LAG3	0.841066245	0.698516245	0.726408154	0.188674205	1.32E-140	1.87E-77	1.41E-86	1.46E-05
CD276	-0.139356511	-0.107366503	-0.116958595	0.00891636	0.001428625	0.014210775	0.007531199	0.839107757
LGALS9	0.227468476	0.105572178	0.11531322	0.168648756	1.53E-07	0.015922725	0.008425017	0.000109744
TMIGD2	0.365543851	0.181129218	0.224595226	0.082785597	6.47E-18	3.20E-05	2.21E-07	0.058982987
TNFSF9	0.292541259	0.179501018	0.24503206	0.205611834	9.70E-12	3.77E-05	1.46E-08	2.22E-06

CD70	0.484833006	0.28758628	0.386339774	0.101225577	4.54E-32	2.23E-11	5.43E-20	0.020838067
TNFSF14	0.108659044	-0.034457418	0.002660625	0.028741907	0.01308002	0.432542008	0.951690417	0.512721633
LAIR1	0.603226219	0.474489502	0.489124671	0.040113275	6.03E-53	1.31E-30	1.09E-32	0.360837096
KIR3DL1	0.059540573	0.023940614	0.063261107	0.025357677	0.174787987	0.585602014	0.149319881	0.563600115
CD40	0.333467892	0.273046228	0.234830173	0.194138373	5.36E-15	2.32E-10	5.85E-08	8.08E-06
ICOSLG	0.020172574	0.068887923	0.023330296	0.005648767	0.645955303	0.116302215	0.595199008	0.897652934
ADORA2A	0.177341149	0.082878158	0.132915209	0.021886256	4.69E-05	0.05869931	0.002365327	0.618186
CD40LG	0.386902313	0.086009635	0.140727986	0.053342867	4.75E-20	0.049747555	0.001279666	0.224169868
