

Table S6. Correlation analysis of the expression of 10 DEGs with the infiltration level of six immune cell types in HCC.

Genes	B Cells		CD8+ T Cells		CD4+ T Cells		Macrophages		Neutrophils		Dendritic Cells	
	<i>p</i> -Value	Partial Correlation	<i>p</i> -Value	Partial Correlation	<i>p</i> -Value	Partial Correlation	<i>p</i> -Value	Partial Correlation	<i>p</i> -Value	Partial Correlation	<i>p</i> -Value	Partial Correlation
<i>ADH4</i>	2.82e-08	-0.294	1.52e-04	-0.203	1.72e-04	-0.201	1.43e-08	-0.301	2.30e-05	-0.226	1.91e-05	-0.230
<i>ANGPTL6</i>	1.35e-04	-0.204	0.024	-0.122	0.902	0.007	0.119	-0.085	0.496	-0.037	0.114	-0.086
<i>CLEC4G</i>	0.477	0.038	0.110	0.086	0.009	0.142	8.78e-05	0.211	0.086	0.092	0.174	0.074
<i>CLEC4M</i>	0.702	0.021	0.538	0.033	0.129	0.082	0.345	0.051	0.869	0.009	0.804	-0.013
<i>CYP2C9</i>	3.31e-04	-0.192	0.009	-0.141	7.48e-04	-0.181	2.52e-07	-0.275	0.004	-0.154	0.002	-0.166
<i>GYS2</i>	7.78e-09	-0.305	1.21e-05	-0.234	2.95e-04	-0.194	1.10e-07	-0.283	0.011	-0.136	3.30e-07	-0.273
<i>MBL2</i>	1.86e-04	-0.200	4.72e-05	-0.218	0.291	-0.057	1.81e-04	-0.201	0.011	-0.137	7.13e-04	-0.183
<i>PHYHD1</i>	5.79e-06	-0.242	0.064	-0.100	0.025	-0.121	6.52e-05	-0.215	0.078	-0.095	0.009	-0.142
<i>SLC27A5</i>	2.72e-12	-0.365	1.59e-07	-0.279	4.04e-12	-0.362	2.16e-20	-0.473	8.48e-12	-0.357	6.15e-11	-0.345
<i>TTC36</i>	3.99e-12	-0.363	3.10e-04	-0.194	3.83e-07	-0.270	3.00e-12	-0.366	6.80e-06	-0.240	1.29e-07	-0.282

$p < 0.05$ and partial correlations < -0.3 or > 0.3 were considered to be statistically significant correlations.