

Table SI. Copy number variations of immune cells in non-small cell lung cancer.

A, Lung adenocarcinoma		
Type of immune cell	CNA level	P-value
B cell	Deep deletion	0.435281638
B cell	Arm-level deletion	0.001181159
B cell	Diploid/normal	1
B cell	Arm-level gain	0.516882202
B cell	High amplication	6.95×10^{-6}
CD8+ T cell	Deep deletion	0.224640775
CD8+ T cell	Arm-level deletion	0.042860185
CD8+ T cell	Diploid/normal	1
CD8+ T cell	Arm-level gain	0.002082
CD8+ T cell	High amplication	0.10807474
CD4+ T cell	Deep deletion	0.521130783
CD4+ T cell	Arm-level deletion	0.000205873
CD4+ T cell	Diploid/normal	1
CD4+ T cell	Arm-level gain	0.238851826
CD4+ T cell	High amplication	0.162160859
Macrophage	Deep deletion	0.798331692
Macrophage	Arm-level deletion	0.003623419
Macrophage	Diploid/normal	1
Macrophage	Arm-level gain	0.008307923
Macrophage	High amplication	0.71346368
Neutrophil	Deep deletion	0.98432366
Neutrophil	Arm-level deletion	0.00037364
Neutrophil	Diploid/normal	1
Neutrophil	Arm-level gain	0.004700196
Neutrophil	High amplication	0.306122487
Dendritic cell	Deep deletion	0.679631101

Dendritic cell	Arm-level deletion	1.65x10 ⁻⁵
Dendritic cell	Diploid/normal	1
Dendritic cell	Arm-level gain	0.542457582
Dendritic cell	High amplication	0.671808277
B, Lung squamous cell carcinoma		
Type of immune cell	CNA level	P-value
B cell	Deep deletion	0.08662873
B cell	Arm-level deletion	0.024108808
B cell	Diploid/normal	1
B cell	Arm-level gain	0.533142842
CD8+ T cell	Deep deletion	0.475370531
CD8+ T cell	Arm-level deletion	0.00051388
CD8+ T cell	Diploid/normal	1
CD8+ T cell	Arm-level gain	0.105189845
CD4+ T cell	Deep deletion	0.1866275
CD4+ T cell	Arm-level deletion	0.034500601
CD4+ T cell	Diploid/normal	1
CD4+ T cell	Arm-level gain	0.177679715
Macrophage	Deep deletion	0.793474217
Macrophage	Arm-level deletion	0.279346789
Macrophage	Diploid/normal	1
Macrophage	Arm-level gain	0.649491549
Neutrophil	Deep deletion	0.311862919
Neutrophil	Arm-level deletion	0.001065056
Neutrophil	Diploid/normal	1
Neutrophil	Arm-level gain	0.225959785
Dendritic cell	Deep deletion	0.29768738
Dendritic cell	Arm-level deletion	0.000255532
Dendritic cell	Diploid/normal	1

Dendritic cell	Arm-level gain	0.561104127
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P-values refer to comparison with Diploid/Normal.CNA, copy-number alteration.