

S5 Table. Correlation analysis among RPPA, mRNA-seq, mRNA mic, methylation, CNA lin, and CNA non

Group	RPPA		mRNA-seq		mRNA mic		Methylation		CNA lin		CNA non	
	Coefficient ^{a)}	P-value	Coefficient ^{a)}	P-value	Coefficient ^{a)}	P-value	Coefficient ^{a)}	P-value	Coefficient ^{a)}	P-value	Coefficient ^{a)}	P-value
RPPA												
All			0.737	<0.001	0.835	<0.001	-0.682	<0.001	0.338	<0.001	0.339	<0.001
Luminal A			0.684	<0.001	0.777	<0.001	-0.547	<0.001	0.357	<0.001	0.351	<0.001
Luminal B			0.694	<0.001	0.813	<0.001	-0.713	<0.001	0.456	<0.001	0.418	<0.001
HER2			0.742	<0.001	0.850	<0.001	-0.488	0.034	0.481	0.002	0.521	0.001
TN			0.746	<0.001	0.814	<0.001	-0.584	<0.001	0.299	0.001	0.365	<0.001
mRNA-seq												
All	0.737	<0.001			0.818	<0.001	-0.648	<0.001	0.450	<0.001	0.390	<0.001
Luminal A	0.684	<0.001			0.805	<0.001	-0.551	<0.001	0.502	<0.001	0.414	<0.001
Luminal B	0.694	<0.001			0.856	<0.001	-0.587	<0.001	0.572	<0.001	0.511	<0.001
HER2	0.742	<0.001			0.822	<0.001	-0.581	0.009	0.382	0.016	0.506	0.001
TN	0.746	<0.001			0.812	<0.001	-0.661	<0.001	0.291	<0.001	0.341	<0.001
mRNA mic												
All	0.835	<0.001	0.818	<0.001			-0.741	<0.001	0.337	<0.001	0.336	<0.001
Luminal A	0.777	<0.001	0.805	<0.001			-0.590	<0.001	0.360	<0.001	0.343	<0.001
Luminal B	0.813	<0.001	0.856	<0.001			-0.742	<0.001	0.492	<0.001	0.493	<0.001
HER2	0.850	<0.001	0.822	<0.001			0.995	0.065	0.591	0.003	0.554	0.006
TN	0.814	<0.001	0.812	<0.001			-0.796	<0.001	0.362	0.002	0.426	<0.001
Methylation												
All	-0.682	<0.001	-0.648	<0.001	-0.741	<0.001			-0.186	<0.001	-0.221	<0.001
Luminal A	-0.547	<0.001	-0.551	<0.001	-0.590	<0.001			-0.184	<0.001	-0.224	<0.001
Luminal B	-0.713	<0.001	-0.587	<0.001	-0.742	<0.001			-0.269	0.008	-0.281	0.006
HER2	-0.488	0.034	-0.581	0.009	0.995	0.065			-0.547	0.015	-0.580	0.009
TN	-0.584	<0.001	-0.661	<0.001	-0.796	<0.001			-0.104	0.268	-0.206	0.027
CNA lin												
All	0.338	<0.001	0.450	<0.001	0.337	<0.001	-0.186	<0.001			0.837	<0.001
Luminal A	0.357	<0.001	0.502	<0.001	0.360	<0.001	-0.184	<0.001			0.809	<0.001
Luminal B	0.456	<0.001	0.572	<0.001	0.492	<0.001	-0.269	0.008			0.909	<0.001
HER2	0.481	0.002	0.382	0.016	0.591	0.003	-0.547	0.015			0.809	<0.001
TN	0.299	0.001	0.291	<0.001	0.362	0.002	-0.104	0.268			0.857	<0.001
CNA non												
All	0.339	<0.001	0.390	<0.001	0.336	<0.001	-0.221	<0.001	0.837	<0.001		
Luminal A	0.351	<0.001	0.414	<0.001	0.343	<0.001	-0.224	<0.001	0.809	<0.001		
Luminal B	0.418	<0.001	0.511	<0.001	0.493	<0.001	-0.281	0.006	0.909	<0.001		
HER2	0.521	0.001	0.506	0.001	0.554	0.006	-0.580	0.009	0.809	<0.001		
TN	0.365	<0.001	0.341	<0.001	0.426	<0.001	-0.206	0.027	0.857	<0.001		

RPPA, reverse phase protein array; mRNA-seq, mRNA sequencing; mRNA mic, mRNA microarray; CNA lin, copy number alteration linear; CNA non, copy number alteration nonlinear; HER2, human epidermal growth factor receptor 2; TN, triple negative. ^{a)}Pearson's correlation coefficient.