

Supplementary Table 4: Correlation between the 6 Gene Proliferation Score (6GPS) and Oncotype Dx signature (22), PCNA signature (23), Stathmin signature (24) and Ki-67 expression in METABRIC Discovery and Validation cohorts. with their respective corresponding Spearmann correlation coefficients (ρ). * = $p < 0.001$

Discovery cohort				
Signatures				
Subtype	Oncotype Dx	PCNA score	Stathmin score	Ki-67
Luminal A				
6GPS	$\rho=0.793^*$	$\rho=0.937^*$	$\rho=0.464^*$	$\rho=0.610^*$
Luminal B				
6GPS	$\rho=0.755^*$	$\rho=0.880^*$	$\rho=0.694^*$	$\rho=0.469^*$
HER2				
6GPS	$\rho=0.707^*$	$\rho=0.901^*$	$\rho=0.487^*$	$\rho=0.371^*$
TNBC				
6GPS	$\rho=0.849^*$	$\rho=0.875^*$	$\rho=0.667^*$	$\rho=0.475^*$
Validation cohort				
Signatures				
Subtype	Oncotype Dx	PCNA score	Stathmin score	Ki-67
Luminal A				
6GPS	$\rho=0.726^*$	$\rho=0.917^*$	$\rho=0.473^*$	$\rho=0.592^*$
Luminal B				
6GPS	$\rho=0.829^*$	$\rho=0.923^*$	$\rho=0.651^*$	$\rho=0.534^*$
HER2				
6GPS	$\rho=0.698^*$	$\rho=0.878^*$	$\rho=0.468^*$	$\rho=0.550^*$
TNBC				
6GPS	$\rho=0.879^*$	$\rho=0.941^*$	$\rho=0.691^*$	$\rho=0.627^*$