**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      | ρ=0.793*  | ρ=0.937*  | ρ=0.464*  | ρ=0.610*  |
| Luminal B        | 6GPS      | ρ=0.755*  | ρ=0.880*  | ρ=0.694*  | ρ=0.469*  |
| HER2             | 6GPS      | ρ=0.707*  | ρ=0.901*  | ρ=0.487*  | ρ=0.371*  |
| TNBC             | 6GPS      | ρ=0.849*  | ρ=0.875*  | ρ=0.667*  | ρ=0.475*  |

| Validation cohort | Signatures | | | |
|-------------------|-----------|-----------|-----------|---|
| **Subtype**       | **Oncotype Dx** | **PCNA score** | **Stathmin score** | **Ki-67** |
| Luminal A         | 6GPS      | ρ=0.726*  | ρ=0.917*  | ρ=0.473*  | ρ=0.592*  |
| Luminal B         | 6GPS      | ρ=0.829*  | ρ=0.923*  | ρ=0.651*  | ρ=0.534*  |
| HER2              | 6GPS      | ρ=0.698*  | ρ=0.878*  | ρ=0.468*  | ρ=0.550*  |
| TNBC              | 6GPS      | ρ=0.879*  | ρ=0.941*  | ρ=0.691*  | ρ=0.627*  |