

**Table 1. Clinical Demographics for 105 Microarray Breast Tumor Set**

|                                | All cases      | PTEN IHC-      | PTEN IHC+      | P-value |
|--------------------------------|----------------|----------------|----------------|---------|
| N                              | 105            | 35             | 70             |         |
| Estrogen receptor positive     | 45 (43%)       | 13 (37%)       | 32 (46%)       | 0.40    |
| Progesterone receptor positive | 42 (40%)       | 12 (34%)       | 30 (43%)       | 0.40    |
| Lymph node metastasis positive | 65 (62%)       | 19 (54%)       | 46 (66%)       | 0.26    |
| Pre-menopausal                 | 28 (27%)       | 9 (26%)        | 19 (27%)       | 0.88    |
| Median age (range)             | 61 (26-77)     | 60 (42-77)     | 61 (26-75)     | 0.83    |
| Median tumor size, mm (range)  | 27 (2-50)      | 25 (8-50)      | 28 (2-50)      | 0.79    |
| Median followup, years (range) | 6.7 (0.1-12.2) | 6.3 (1.1-10.9) | 6.9 (0.1-12.2) | 0.79    |

Note: For the comparison between PTEN IHC- and PTEN IHC+ groups, the P-values were calculated using Pearson's Chi-squared test for categorical variables and the Mann-Whitney test for continuous variables.