High *PTEN* gene expression is a negative prognostic marker in human primary breast cancers with preserved p53 function

Breast Cancer Research and Treatment

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Online Resource 5

a-b Forest plot for the association between tumor protein staining by immunohistochemistry (IHC) and recurrence-free (**a**) or disease-free survival (**b**) in patients with locally advanced breast cancer. Results are presented as individual hazard ratios (HRs) with corresponding 95% confidence intervals (CIs), based on tissue microarray staining and survival data from Study 3 (epirubicin/paclitaxel trial). HR>1 indicates that the survival of patients with protein staining is shorter than that of patients without protein staining in the tumors, while HR<1 indicates the opposite. Number of samples analyzed per protein vary due to technical issues during tissue microarray staining. *One case censored before the earliest event in a stratum. RFS: recurrence-free survival, DSS: disease-specific survival, wt: wildtype, mut: mutated, ER: estrogen receptor, pAkt: phosphorylated Akt (Ser 473), pS6K (Ser 371): phosphorylated S6 kinase (Ser 371), pS6K (Thr 389): phosphorylated S6 kinase (Thr 389), p4EBP1: phosphorylated 4EBP1 (Thr 70), c: cytoplasmic staining, n: nuclear staining





b





a