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Frequent Mutational Activation of the PI3K-AKT Pathway in Trastuzumab-Resistant Breast Cancer
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Clinicopathologic Features of V600E and V600K Melanoma—Letter
Rosalyn Jewell, Philip Chambers, Mark Harland, Jon Laye, Caroline Conway, Angana Mitra, Faye Elliott, Martin G. Cook, Andy Boon, and Julia Newton-Bishop

Clinicopathologic Features of V600E and V600K Melanoma—Response
Alexander M. Menzies and Georgina V. Long

The photomicrograph is of a metastatic, trastuzumab-refractory, HER2-amplified breast cancer with loss of PTEN expression by immunohistochemistry. The normal stromal cells interspersed in the tumor display strong PTEN staining (brown), whereas the cancer cells show complete absence of stain. The primary tumor (pretrastuzumab treatment) from this patient showed equivalent PTEN staining in the stromal cells and cancer cells. For details, see the article by Chandarlapaty and colleagues on page 6784 of this issue.