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Determining Efficacy of Breast Cancer Therapy by Pet Imaging of HER2 MRNA

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**Effectiveness of therapy can be better determined by PET-imaging measurements of genomic biomarkers targeted specifically, rather than by PET imaging of metabolic activity of a tumor. Cu-64-PNA PET-imaging provides a genetic tool for evaluation of therapeutic efficacy.**

**Conclusion:** Effectiveness of therapy can be better determined by PET-imaging measurements of genomic biomarkers targeted specifically, rather than by PET imaging of metabolic activity of a tumor. Cu-64-PNA PET-imaging provides a genetic tool for evaluation of therapeutic efficacy.

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