Provided immunohistochemical stains show the invasive carcinoma cells to be

- Estrogen receptor: (□%) NEGATIVE  FOCAL/WEAK  POSITIVE
- Progesterone receptor: (□%) NEGATIVE  FOCAL/WEAK  POSITIVE
- HER-2/neu:  (0), (1+), (2+), (3+)
  NEGATIVE  EQUIVOCAL  POSITIVE

for overexpression. Controls are appropriate.

Per report, HER-2/neu FISH analysis was

NEGATIVE  EQUIVOCAL  POSITIVE

for HER-2 gene amplification (HER-2/CEP-17 ratio=□; average HER-2 signals/cell=□).