



Supplementary Material

Mutation Profiling of PI3K/AKT1/MTOR Pathway Genes in Breast Cancer Patients of Pakistan

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Supplementary Table I. Allred score for estrogen and progesterone receptor evaluation.

Proportion score	Positive cells, %	Intensity	Intensity score
0	0	None	0
1	<1	Weak	1
2	1 to 10	Intermediate	2
3	11 to 33	Strong	3
4	34 to 66		
5	≥67		

Supplementary Table II. Results of HER2 Testing by Immunohistochemistry (IHC).

Result	Criteria
Negative (Score 0)	No staining observed or Membrane staining that is incomplete and is faint/barely perceptible and within ≤10% of tumor cells
Negative (Score 1+)	Incomplete membrane staining that is faint/barely perceptible and within >10% of tumor cells
Equivocal (Score 2+)	Weak to moderate complete membrane staining in >10% of tumor cells or Circumferential membrane staining that is intense but within ≤10% of tumor cells
Positive (Score 3+)	Circumferential membrane staining that is complete and >10% of tumor cells

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