

Supplementary Table 1. Analysis of distribution of AREG, TGF α and TACE among breast tumor subtypes

		Basal			ERRB2			LuminalA			Luminal B			Normal			n
AREG	UQ	1/46	2.2%	P < 0.0001	13/49	26.5%	ns	23/88	26.1%	P < 0.05	20/81	24.7%	ns	17/31	54.8%	P < 0.001	74
	IQR	17/46	37.0%		24/49	49.0%		54/88	61.4%		42/81	51.9%		10/31	32.3%		147
	LQ	28/46	60.9%		12/49	24.5%		11/88	12.5%		19/81	23.5%		4/31	12.9%		74
TGF α	UQ	31/46	67.4%	P < 0.0001	13/49	26.5%	ns	13/88	14.8%	P < 0.05	10/81	12.3%	P < 0.05	7/31	22.6%	ns	74
	IQR	13/46	28.3%		28/49	57.1%		39/88	44.3%		46/81	56.8%		21/31	67.7%		147
	LQ	2/46	4.3%		8/49	16.3%		36/88	40.9%		25/81	30.9%		3/31	9.7%		74
Adam 17	UQ	26/46	56.5%	P < 0.0001	14/49	28.6%	ns	15/88	17.0%	P < 0.05	14/81	17.3%	ns	5/31	16.1%	ns	74
	IQR	17/46	37.0%		26/49	53.1%		42/88	47.7%		47/81	58.0%		15/31	48.4%		147
	LQ	3/46	6.5%		9/49	18.4%		31/88	35.2%		20/81	24.7%		11/31	35.5%		74