



D

TCGA		CN / ploidy		CN		CN / 17p	
		HER2A (n=106) n (%)	Non-HER2A n (%)	HER2A (n=118) n (%)	Non-HER2A n (%)	HER2A (n=200) n (%)	Non-HER2A n (%)
RNA expression	o/e	83 (78)	7 (0.9)	81 (69)	9 (1.2)	85 (42)	5 (0.8)
	Non-o/e	23 (22)	751 (99)	37 (31)	737 (99)	115 (58)	659 (99)
Protein level	High	38 (78)	10 (3.1)	38 (70)	10 (3.2)	41 (49)	7 (2.5)
	Low	11 (22)	308 (97)	16 (30)	303 (97)	42 (51)	277 (98)
Phospho-HER2 level	High	35 (71)	10 (3.1)	34 (63)	11 (3.5)	36 (43)	9 (3.2)
	Low	14 (29)	308 (97)	20 (37)	302 (96)	47 (57)	275 (97)
Clinical status	Positive	80 (91)	27 (4.5)	80 (85)	27 (4.6)	88 (55)	19 (3.6)
	Negative	8 (9)	568 (95)	14 (15)	562 (95)	72 (45)	504 (96)
PAM50 subtype	HER2E	48 (45)	25 (3.3)	48 (41)	25 (3.3)	50 (25)	23 (3.5)
	Lum A	19 (18)	404 (53)	23 (19)	400 (54)	71 (35)	352 (53)
	Lum B	32 (30)	182 (24)	39 (33)	175 (23)	66 (33)	148 (22)
	Basal	7 (7)	147 (19)	8 (6.8)	146 (20)	13 (6.5)	141 (21)

F

Metabric		CN / ploidy		CN		CN / 17p	
		HER2A (n=133) n (%)	Non-HER2A n (%)	HER2A (n=131) n (%)	Non-HER2A n (%)	HER2A (n=203) n (%)	Non-HER2A n (%)
RNA expression	o/e	120 (90)	13 (1.3)	105 (80)	28 (2.9)	117 (58)	16 (1.8)
	Non-o/e	13 (10)	961 (99)	26 (20)	948 (97)	86 (42)	888 (98)
Clinical status	Positive	50 (89)	21 (5.2)	42 (81)	29 (7.1)	51 (61)	20 (5.3)
	Negative	6 (11)	382 (95)	10 (19)	378 (93)	33 (39)	355 (95)
PAM50 subtype	HER2E	71 (53)	64 (6.6)	60 (46)	75 (7.7)	71 (35)	64 (7.1)
	Lum A	14 (11)	504 (52)	21 (16)	497 (51)	47 (23)	471 (52)
	Lum B	27 (20)	260 (27)	31 (24)	256 (26)	61 (30)	226 (25)
	Basal	21 (16)	146 (15)	19 (14)	148 (15)	24 (12)	143 (16)

G

USO1062

Density

HER2 expression (normalized log₁₀ counts)

1.02

H

USO1062		CN	
		HER2A (n=79) n (%)	Non-HER2A n (%)
RNA expression	o/e	58 (73)	11 (1.2)
	Non-o/e	21 (27)	897 (99)
Clinical status	Positive	67 (87)	56 (6.2)
	Negative	10 (13)	849 (94)
PAM50 subtype	HER2E	30 (38)	40 (4.4)
	Lum A	26 (33)	464 (51)
	Lum B	17 (21)	109 (12)
	Basal	6 (8)	295 (32)