ER+/HER2-: N = 1408ER+/HER2+: N = 110AKT2|ILMN\_1743347 AKT2|ILMN\_1743347 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.58174No detectable trend: [<=60] p = 0.49182No detectable trend: 16 16 [>60] p = 0.10901 [>60] p = 0.24555 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.10225[AII] p = 0.431494 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω 9 9 20 40 60 80 100 20 40 60 80 100 Age at diagnosis Age at diagnosis ER-/HER2+: N = 139ER-/HER2-: N = 335AKT2|ILMN\_1743347 AKT2|ILMN\_1743347 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.73676No detectable trend: [<=60] p = 0.89642No detectable trend: 16 16 [>60] p = 0.89236 |FC|<4 or adjPval>0.01 [>60] p = 0.10634 |FC|<4 or adjPval>0.01 [All] p = 0.33785[All] p = 0.815744 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω

9

20

40

60

Age at diagnosis

80

100

9

20

40

60

Age at diagnosis

80

100