ER+/HER2-: N = 1408ER+/HER2+: N = 110CBX1|ILMN\_1770244 CBX1|ILMN\_1770244 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.58388No detectable trend: [<=60] p = 0.98509No detectable trend: 16 16 [>60] p = 0.41123 [>60] p = 0.013939 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.12703[AII] p = 0.76684 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 = 335ER-/HER2+: N = 139CBX1|ILMN\_1770244 CBX1|ILMN\_1770244 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.098755No detectable trend: [<=60] p = 0.79394No detectable trend: 16 16 [>60] p = 0.18886 |FC|<1.25 or adjPval>0.01 [>60] p = 0.24153 |FC|<1.25 or adjPval>0.01 [AII] p = 0.066222[All] p = 0.765574 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω 9 9

20

40

60

Age at diagnosis

80

100

20

40

60

Age at diagnosis

80

100