ER+/HER2-: N = 1408ER+/HER2+: N = 110CBX7|ILMN\_1657361 CBX7|ILMN\_1657361 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.24023No detectable trend: [<=60] p = 0.23296No detectable trend: 16 16 [>60] p = 0.71985 |FC|<2 or adjPval>0.01 [>60] p = 0.079567 |FC|<2 or adjPval>0.01 [AII] p = 0.00089329[AII] p = 0.0146084 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 = 139CBX7|ILMN\_1657361 CBX7|ILMN\_1657361 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.53701 [<=60] p = 0.56584No detectable trend: No detectable trend: 16 16 [>60] p = 0.7482|FC|<2 or adjPval>0.01 [>60] p = 0.63086 |FC|<2 or adjPval>0.01 [AII] p = 0.56018[All] p = 0.131914 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω 9 9

20

40

80

60

Age at diagnosis

100

20

40

60

Age at diagnosis

80

100