JAK2|ILMN_1683178 JAK2|ILMN_1683178 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.61359[<=60] p = 1.9917e-06 Age-dependent trend: No detectable trend: 16 16 [>60] p = 0.23008[>60] p = 0.47965|FC|>1.25 and adjPval<0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 2.4821e - 12[AII] p = 0.0373514 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 = 139JAK2|ILMN_1683178 JAK2|ILMN_1683178 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.8195No detectable trend: [<=60] p = 0.27835No detectable trend: 16 16 [>60] p = 0.80747|FC|<1.25 or adjPval>0.01 [>60] p = 0.15233 |FC|<1.25 or adjPval>0.01 [AII] p = 0.98857[All] p = 0.637554 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω

9

20

40

60

Age at diagnosis

80

100

ER+/HER2+: N = 110

ER+/HER2-: N = 1408

20

40

60

Age at diagnosis

80

100