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 = 0.00065685 No detectable trend: [<=60] p = 7.9843e-05 Age-dependent trend: 16 16 [>60] p = 0.33837|FC|<1.25 or adjPval>0.01 [>60] p = 0.29951 |FC|>1.25 and adjPval<0.01 [AII] p = 4.7267e - 07[AII] p = 5.3544e - 064 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ∞ 9 9 20 40 60 80 100 20 40 60 80 100 Age at diagnosis Age at diagnosis PAM50 Her2: N = 240**PAM50 Basal: N = 331** 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 = 0.98043No detectable trend: [<=60] p = 0.30097No detectable trend: 16 16 [>60] p = 0.077074|FC|<1.25 or adjPval>0.01 [>60] p = 0.36578 |FC|<1.25 or adjPval>0.01 [AII] p = 0.43005[AII] p = 0.698464 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12

10

 ∞

9

20

40

60

Age at diagnosis

80

100

PAM50 LumB: N = 492

PAM50 LumA: N = 721

10

 ∞

20

40

80

60

Age at diagnosis

100

PAM50 Normal: N = 202 JAK2|ILMN_1683178

NKI Tier 1: ER binding; Tier 2: ER binding

