H3F3A|ILMN_2106331 H3F3A|ILMN_2106331 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.93105No detectable trend: [<=60] p = 0.13518No detectable trend: 16 16 [>60] p = 0.3057[>60] p = 0.51843 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.0055195[All] p = 0.0441874 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ∞ 9 9 20 40 60 80 20 40 60 80 100 100 Age at diagnosis Age at diagnosis PAM50 Her2: N = 240 **PAM50 Basal: N = 331** H3F3A|ILMN_2106331 H3F3A|ILMN_2106331 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.4562No detectable trend: [<=60] p = 0.99604No detectable trend: 16 16 [>60] p = 0.74474[>60] p = 0.75251 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.16819[All] p = 0.288564 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ∞

9

20

40

60

Age at diagnosis

80

100

PAM50 LumB: N = 492

PAM50 LumA: N = 721

9

20

40

80

60

Age at diagnosis

100

PAM50 Normal: N = 202 H3F3A|ILMN_2106331

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

