PAM50 LumA: N = 721 PAM50 LumB: N = 492 SCMH1|ILMN_2375557 SCMH1|ILMN_2375557 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.59827No detectable trend: [<=60] p = 0.14023No detectable trend: 16 16 [>60] p = 0.91222 |FC|<1.25 or adjPval>0.01 [>60] p = 0.77624 |FC|<1.25 or adjPval>0.01 [AII] p = 0.35127[AII] p = 0.190164 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** SCMH1|ILMN_2375557 SCMH1|ILMN_2375557 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.79648No detectable trend: [<=60] p = 0.92639No detectable trend: 16 16 [>60] p = 0.043264|FC|<1.25 or adjPval>0.01 [>60] p = 0.44164 |FC|<1.25 or adjPval>0.01 [All] p = 0.95233[All] p = 0.465194 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ∞ ∞ 9 9

20

40

60

Age at diagnosis

80

100

20

40

60

Age at diagnosis

80

100

PAM50 Normal: N = 202 SCMH1|ILMN_2375557

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

