PAM50 LumA: N = 721 PAM50 LumB: N = 492 PgR/pr|ILMN_1811014 PgR/pr|ILMN_1811014 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.033428 [<=60] p = 0.011068Age-dependent trend: No detectable trend: 16 16 [>60] p = 0.94935[>60] p = 0.75673 |FC|>1.25 and adjPval<0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.0006841[AII] p = 0.0666714 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 PgR/pr|ILMN_1811014 PgR/pr|ILMN_1811014 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.68984[<=60] p = 0.76691No detectable trend: No detectable trend: 16 9 [>60] p = 0.65135 [>60] p = 0.12107 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.88723[All] p = 0.501534 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 PgR/pr|ILMN_1811014

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

