PAM50 LumB: N = 492 PAM50 LumA: N = 721 NCOR1|ILMN_2186369 NCOR1|ILMN_2186369 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.40706[<=60] p = 0.2556No detectable trend: No detectable trend: 16 16 [>60] p = 0.061213 [>60] p = 0.14201 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 5.6951e - 05[AII] p = 0.00181664 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 PAM50 Her2: N = 240**PAM50** Basal: **N** = 331 NCOR1|ILMN_2186369 NCOR1|ILMN_2186369 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.94974No detectable trend: [<=60] p = 0.84889No detectable trend: 16 16 [>60] p = 0.74039|FC|<2 or adjPval>0.01 [>60] p = 0.98842 |FC|<2 or adjPval>0.01 [AII] p = 0.8053[All] p = 0.919744 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ∞ ω 9 9

20

40

60

Age at diagnosis

80

100

20

40

60

Age at diagnosis

80

100

PAM50 Normal: N = 202 NCOR1|ILMN_2186369

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

