PAM50 LumA: N = 721 PAM50 LumB: N = 492 RPS27|ILMN_1755808 RPS27|ILMN_1755808 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.43514No detectable trend: [<=60] p = 0.047889No detectable trend: 16 16 [>60] p = 0.022902 [>60] p = 0.013185 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 1.2834e-05[AII] p = 3.0539e - 064 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω 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 RPS27|ILMN_1755808 RPS27|ILMN_1755808 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.32835No detectable trend: [<=60] p = 0.7178No detectable trend: 9 9 [>60] p = 0.36449[>60] p = 0.39153 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [All] p = 0.12585[All] p = 0.324944 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω

9

20

40

60

Age at diagnosis

80

100

9

20

40

60

Age at diagnosis

80

100

PAM50 Normal: N = 202 RPS27|ILMN_1755808

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

