PAM50 LumB: N = 492 PAM50 LumA: N = 721 DVL|ILMN_1783444 DVL|ILMN_1783444 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.81434 [<=60] p = 0.0079437 No detectable trend: No detectable trend: 16 16 [>60] p = 0.010616 |FC|<2 or adjPval>0.01 [>60] p = 0.1412 |FC|<2 or adjPval>0.01 [AII] p = 0.80846[AII] p = 0.283984 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** DVL|ILMN_1783444 DVL|ILMN_1783444 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.2106No detectable trend: [<=60] p = 0.41831No detectable trend: 16 16 [>60] p = 0.63594|FC|<2 or adjPval>0.01 [>60] p = 0.6231 |FC|<2 or adjPval>0.01 [AII] p = 0.4235[AII] p = 0.011714 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ∞ 9

20

40

60

Age at diagnosis

80

100

20

40

60

Age at diagnosis

80

100

PAM50 Normal: N = 202 DVL|ILMN_1783444

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

