PAM50 LumB: N = 492 CBX8|ILMN_1775183 CBX8|ILMN_1775183 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.3696No detectable trend: [<=60] p = 0.4856No detectable trend: 16 16 [>60] p = 0.71619 [>60] p = 0.76893 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.25681[AII] p = 0.315264 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ∞ ∞ 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** CBX8|ILMN_1775183 CBX8|ILMN_1775183 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.089248No detectable trend: [<=60] p = 0.1367No detectable trend: 16 16 [>60] p = 0.61434 [>60] p = 0.073794|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.65142[AII] p = 0.70344 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ∞ ∞ 9 9

PAM50 LumA: N = 721

20

40

60

Age at diagnosis

80

100

20

40

60

Age at diagnosis

80

100

PAM50 Normal: N = 202 CBX8|ILMN_1775183

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

