PAM50 LumA: N = 721 PAM50 LumB: N = 492 DQ895626|ILMN_1676822 (non-ER binding) DQ895626|ILMN_1676822 (non-ER binding) [<=60] p = 0.38775No detectable trend: [<=60] p = 0.029842No detectable trend: 16 16 [>60] p = 0.00015415 [>60] p = 0.31545 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 1.2969e - 16[AII] p = 0.00098564 4 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** DQ895626|ILMN_1676822 (non-ER binding) DQ895626|ILMN_1676822 (non-ER binding) [<=60] p = 0.60008No detectable trend: [<=60] p = 0.43991No detectable trend: 16 16 [>60] p = 0.6418 |FC|<2 or adjPval>0.01 [>60] p = 0.80833|FC|<2 or adjPval>0.01 [AII] p = 0.12711[AII] p = 0.0976524 4 Raw Expression (4, 16) 12 12 10 10 ω ∞ 9 9

Raw Expression (4, 16)

Raw Expression (4, 16)

20

40

60

Age at diagnosis

80

100

20

40

60

Age at diagnosis

80

100

PAM50 Normal: N = 202 DQ895626|ILMN_1676822 (non-ER binding)

