PAM50 LumA: N = 721 PAM50 LumB: N = 492 PCL2/MTF2|ILMN_1733615 (non-ER binding) PCL2/MTF2|ILMN_1733615 (non-ER binding) [<=60] p = 0.22339No detectable trend: [<=60] p = 0.84407No detectable trend: 16 16 [>60] p = 0.82315 [>60] p = 0.42666 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.094942[AII] p = 0.134334 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** PCL2/MTF2|ILMN_1733615 (non-ER binding) PCL2/MTF2|ILMN_1733615 (non-ER binding) [<=60] p = 0.018218[<=60] p = 0.85211No detectable trend: No detectable trend: 16 16 [>60] p = 0.52783 |FC|<2 or adjPval>0.01 [>60] p = 0.77139 |FC|<2 or adjPval>0.01 [AII] p = 0.42039[All] p = 0.198564 4 Raw Expression (4, 16) 12 12 10 10 ∞ ∞ 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 PCL2/MTF2|ILMN_1733615 (non-ER binding)

