PAM50 LumA: N = 721 PAM50 LumB: N = 492 RING1A|ILMN_1666399 (non-ER binding) RING1A|ILMN_1666399 (non-ER binding) [<=60] p = 0.314No detectable trend: [<=60] p = 0.24811No detectable trend: 16 16 [>60] p = 0.19093[>60] p = 0.77571 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [All] p = 0.11721[AII] p = 0.513724 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 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** RING1A|ILMN_1666399 (non-ER binding) RING1A|ILMN_1666399 (non-ER binding) [<=60] p = 0.013898No detectable trend: [<=60] p = 0.79865No detectable trend: 16 16 [>60] p = 0.8148|FC|<2 or adjPval>0.01 [>60] p = 0.6413 |FC|<2 or adjPval>0.01 [AII] p = 0.58369[AII] p = 0.450074 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 Normal: N = 202 RING1A|ILMN_1666399 (non-ER binding)

