PAM50 LumA: N = 721 PAM50 LumB: N = 492 LGALS7B|ILMN_1658569 (non-ER binding) LGALS7B|ILMN_1658569 (non-ER binding) [<=60] p = 0.023257No detectable trend: [<=60] p = 0.72932No detectable trend: 16 16 [>60] p = 6.9343e-06 [>60] p = 0.75243 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 1.7588e - 17[AII] p = 0.144994 4 Raw Expression (4, 16) 12 12 10 10 ω ∞ 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** LGALS7B|ILMN_1658569 (non-ER binding) LGALS7B|ILMN_1658569 (non-ER binding) [<=60] p = 0.036519No detectable trend: [<=60] p = 0.95831No detectable trend: 16 16 [>60] p = 0.50666|FC|<1.25 or adjPval>0.01 [>60] p = 0.42824|FC|<1.25 or adjPval>0.01 [AII] p = 0.0019971[All] p = 0.317484 4 Raw Expression (4, 16) 12 12 10 10 ∞ ∞

9

20

40

60

Age at diagnosis

80

100

Raw Expression (4, 16)

Raw Expression (4, 16)

9

20

40

60

Age at diagnosis

80

100

PAM50 Normal: N = 202 LGALS7B|ILMN_1658569 (non-ER binding)

