PAM50 LumA: N = 721 PAM50 LumB: N = 492 p27KIP1|ILMN_1722811 (non-ER binding) p27KIP1|ILMN_1722811 (non-ER binding) [<=60] p = 0.0032988 No detectable trend: [<=60] p = 0.64459No detectable trend: 16 16 [>60] p = 0.27786[>60] p = 0.70918 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.052493[AII] p = 0.953184 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 Her2: N = 240 **PAM50 Basal: N = 331** p27KIP1|ILMN_1722811 (non-ER binding) p27KIP1|ILMN_1722811 (non-ER binding) [<=60] p = 0.88262No detectable trend: [<=60] p = 0.50905No detectable trend: 16 16 [>60] p = 0.57226|FC|<2 or adjPval>0.01 [>60] p = 0.86157 |FC|<2 or adjPval>0.01 [AII] p = 0.21674[AII] p = 0.0894894 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ∞ 9 9

20

40

60

Age at diagnosis

80

100

20

40

60

Age at diagnosis

80

100

PAM50 Normal: N = 202 p27KIP1|ILMN_1722811 (non-ER binding)

