PAM50 LumA: N = 721 PAM50 LumB: N = 492 CDK1/CDC2|ILMN_1747911 (non-ER binding) CDK1/CDC2|ILMN_1747911 (non-ER binding) [<=60] p = 1.6703e-05 Age-dependent trend: [<=60] p = 0.016005No detectable trend: 16 16 [>60] p = 0.15225 |FC|>1.25 and adjPval<0.01 [>60] p = 0.064724 |FC|<1.25 or adjPval>0.01 [AII] p = 5.4442e - 07[AII] p = 0.000334364 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** CDK1/CDC2|ILMN_1747911 (non-ER binding) CDK1/CDC2|ILMN_1747911 (non-ER binding) [<=60] p = 0.031955[<=60] p = 0.67322No detectable trend: No detectable trend: 16 16 [>60] p = 0.90661[>60] p = 0.81654|FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.053309[AII] p = 0.00868794 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ∞ 9 9 20 40 60 80 100 20 40 60 80 100

Age at diagnosis

Age at diagnosis

PAM50 Normal: N = 202 CDK1/CDC2|ILMN_1747911 (non-ER binding)

