PAM50 LumA: N = 721 PAM50 LumB: N = 492 NTN3|ILMN_1680274 (non-ER binding) NTN3|ILMN_1680274 (non-ER binding) [<=60] p = 0.17968No detectable trend: [<=60] p = 0.88097No detectable trend: 16 16 [>60] p = 0.33249[>60] p = 0.21977 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.28087[AII] p = 1.8318e - 084 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** NTN3|ILMN_1680274 (non-ER binding) NTN3|ILMN_1680274 (non-ER binding) [<=60] p = 0.38453[<=60] p = 0.73903No detectable trend: No detectable trend: 16 16 |FC|<2 or adjPval>0.01 [>60] p = 0.69442|FC|<2 or adjPval>0.01 [>60] p = 0.19651 [AII] p = 0.37741[AII] p = 0.00427264 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 NTN3|ILMN_1680274 (non-ER binding)

