**PAM50 LumA: N = 721 PAM50 LumB: N = 492** RPS27|ILMN\_1755808 (non-ER binding) RPS27|ILMN\_1755808 (non-ER binding) [<=60] p = 0.43514No detectable trend: [<=60] p = 0.047889No detectable trend: 16 16 [>60] p = 0.022902 [>60] p = 0.013185 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 1.2834e - 05[AII] p = 3.0539e - 064 4 Raw Expression (4, 16) 12 12 10 10 ω 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** RPS27|ILMN\_1755808 (non-ER binding) RPS27|ILMN\_1755808 (non-ER binding) [<=60] p = 0.32835No detectable trend: [<=60] p = 0.7178No detectable trend: 16 16 [>60] p = 0.36449|FC|<4 or adjPval>0.01 [>60] p = 0.39153 |FC|<4 or adjPval>0.01 [AII] p = 0.12585[AII] p = 0.324944 4 Raw Expression (4, 16) 12 12 10 10  $\infty$ ω

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 RPS27|ILMN\_1755808 (non-ER binding)

