**PAM50 LumA: N = 721 PAM50 LumB: N = 492** AW340642|ILMN\_1876898 (non-ER binding) AW340642|ILMN\_1876898 (non-ER binding) [<=60] p = 5.6879e-05 No detectable trend: [<=60] p = 0.0053776No detectable trend: 16 16 [>60] p = 0.21001 [>60] p = 0.0017041 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 7.8284e - 17[AII] p = 1.9831e-104 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω  $\infty$ 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** AW340642|ILMN\_1876898 (non-ER binding) AW340642|ILMN\_1876898 (non-ER binding) [<=60] p = 0.56013No detectable trend: [<=60] p = 0.71553No detectable trend: 16 16 [>60] p = 0.87379 |FC|<2 or adjPval>0.01 [>60] p = 0.6212 |FC|<2 or adjPval>0.01 [AII] p = 0.78477[AII] p = 0.769364 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω  $\infty$ 9 9 20 40 60 80 100 20 40 60 80 100

Age at diagnosis

Age at diagnosis

## PAM50 Normal: N = 202 AW340642|ILMN\_1876898 (non-ER binding)

