**PAM50 LumA: N = 721 PAM50 LumB: N = 492** DQ894283|ILMN\_1653934 (non-ER binding) DQ894283|ILMN\_1653934 (non-ER binding) [<=60] p = 0.0088714 No detectable trend: [<=60] p = 0.65585No detectable trend: 16 16 [>60] p = 2.4321e-06 [>60] p = 0.5714 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 9.5058e - 20[AII] p = 0.277284 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** DQ894283|ILMN\_1653934 (non-ER binding) DQ894283|ILMN\_1653934 (non-ER binding) [<=60] p = 0.75589No detectable trend: [<=60] p = 0.071495No detectable trend: 16 16 [>60] p = 0.0031086 |FC|<1.25 or adjPval>0.01 [>60] p = 0.17015 |FC|<1.25 or adjPval>0.01 [All] p = 0.035197[AII] p = 0.420414 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10  $\infty$  $\infty$ 9 9 20

20

40

60

Age at diagnosis

80

100

40

60

Age at diagnosis

80

100

## PAM50 Normal: N = 202 DQ894283|ILMN\_1653934 (non-ER binding)

