**PAM50 LumA: N = 721 PAM50 LumB: N = 492** FAM60A|ILMN\_1683664 (non-ER binding) FAM60A|ILMN\_1683664 (non-ER binding) [<=60] p = 3.1297e-06 No detectable trend: [<=60] p = 0.053018No detectable trend: 16 16 [>60] p = 0.00015163 [>60] p = 0.7553 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 8.5468e - 19[AII] p = 0.00684384 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω  $\infty$ 9 9 20 40 60 80 20 40 60 80 100 100 Age at diagnosis Age at diagnosis PAM50 Her2: N = 240 **PAM50 Basal: N = 331** FAM60A|ILMN\_1683664 (non-ER binding) FAM60A|ILMN\_1683664 (non-ER binding) [<=60] p = 0.19148No detectable trend: [<=60] p = 0.39798No detectable trend: 16 16 |FC|<4 or adjPval>0.01 [>60] p = 0.64494[>60] p = 0.31302|FC|<4 or adjPval>0.01 [AII] p = 0.0026535[AII] p = 0.141234 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 FAM60A|ILMN\_1683664 (non-ER binding)

