**PAM50 LumA: N = 721 PAM50 LumB: N = 492** RbBp5|ILMN\_1696532 (non-ER binding) RbBp5|ILMN\_1696532 (non-ER binding) [<=60] p = 0.7815No detectable trend: [<=60] p = 0.83712No detectable trend: 16 16 [>60] p = 0.037336 [>60] p = 0.36018|FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.30879[AII] p = 0.616984 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10  $\infty$  $\infty$ 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** RbBp5|ILMN\_1696532 (non-ER binding) RbBp5|ILMN\_1696532 (non-ER binding) [<=60] p = 0.83805No detectable trend: [<=60] p = 0.80355No detectable trend: 16 16 [>60] p = 0.20856|FC|<1.25 or adjPval>0.01 [>60] p = 0.50882|FC|<1.25 or adjPval>0.01 [AII] p = 0.54002[AII] p = 0.774194 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω 9 9 20 20 40 60 80 100 40 60 80 100 Age at diagnosis Age at diagnosis

## PAM50 Normal: N = 202 RbBp5|ILMN\_1696532 (non-ER binding)

