**PAM50 LumA: N = 721 PAM50 LumB: N = 492** HIF3alpha|ILMN\_2287061 (non-ER binding) HIF3alpha|ILMN\_2287061 (non-ER binding) [<=60] p = 0.079815No detectable trend: [<=60] p = 0.46726No detectable trend: 16 16 [>60] p = 0.076722 [>60] p = 0.12357 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.23603[AII] p = 0.128244 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** HIF3alpha|ILMN\_2287061 (non-ER binding) HIF3alpha|ILMN\_2287061 (non-ER binding) [<=60] p = 0.93494[<=60] p = 0.52092No detectable trend: No detectable trend: 16 16 [>60] p = 0.35296|FC|<2 or adjPval>0.01 [>60] p = 0.44906|FC|<2 or adjPval>0.01 [All] p = 0.74563[AII] p = 0.339294 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω  $\infty$ 9 9

20

40

60

Age at diagnosis

80

100

20

40

60

Age at diagnosis

80

100

## PAM50 Normal: N = 202 HIF3alpha|ILMN\_2287061 (non-ER binding)

