SMAD1|ILMN\_1670540 SMAD1|ILMN\_1670540 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.95044No detectable trend: [<=60] p = 0.52381No detectable trend: 16 16 [>60] p = 0.30006[>60] p = 0.012792 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.26899[AII] p = 0.746894 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 ER-/HER2-: N = 335ER-/HER2+: N = 139SMAD1|ILMN\_1670540 SMAD1|ILMN\_1670540 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.01595[<=60] p = 0.40989No detectable trend: No detectable trend: 16 16 [>60] p = 0.51443 [>60] p = 0.35897|FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.68919[AII] p = 0.082084 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω  $\infty$ 

9

20

40

60

Age at diagnosis

80

100

ER+/HER2+: N = 110

ER+/HER2-: N = 1408

20

40

60

Age at diagnosis

80

100