ER+/HER2-: N = 1408ER+/HER2+: N = 110HIF3alpha|ILMN\_2265623 HIF3alpha|ILMN\_2265623 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.20659[<=60] p = 0.15239No detectable trend: No detectable trend: 16 16 [>60] p = 0.95704 [>60] p = 0.88243|FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.36491[AII] p = 0.382414 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 = 139HIF3alpha|ILMN\_2265623 HIF3alpha|ILMN\_2265623 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.067019[<=60] p = 0.096134No detectable trend: No detectable trend: 16 16 [>60] p = 0.10121 [>60] p = 0.75772|FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.10741[AII] p = 0.462414 4

