ER+/HER2-: N = 1408ER+/HER2+: N = 110SCMH1|ILMN\_2276504 SCMH1|ILMN\_2276504 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.12784No detectable trend: [<=60] p = 0.29779No detectable trend: 16 16 [>60] p = 0.0030215 |FC|<1.25 or adjPval>0.01 [>60] p = 0.13848 |FC|<1.25 or adjPval>0.01 [AII] p = 0.16796[AII] p = 0.819884 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 = 139ER-/HER2-: N = 335SCMH1|ILMN\_2276504 SCMH1|ILMN\_2276504 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.90702No detectable trend: [<=60] p = 0.56191No detectable trend: 16 16 [>60] p = 0.49161 |FC|<1.25 or adjPval>0.01 [>60] p = 0.13139 |FC|<1.25 or adjPval>0.01 [All] p = 0.71621[AII] p = 0.970864 4

