ER+/HER2-: N = 1408ER+/HER2+: N = 110AR|ILMN_1792540 AR|ILMN_1792540 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.030211 No detectable trend: [<=60] p = 0.11101No detectable trend: 16 16 [>60] p = 0.64519 |FC|<1.25 or adjPval>0.01 [>60] p = 0.79596 |FC|<1.25 or adjPval>0.01 [AII] p = 0.10899[All] p = 0.164634 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω 9 9 20 40 60 80 100 20 40 60 80 100 Age at diagnosis Age at diagnosis ER-/HER2+: N = 139ER-/HER2-: N = 335AR|ILMN_1792540 AR|ILMN_1792540 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.57523No detectable trend: [<=60] p = 0.0020093 No detectable trend: 16 16 [>60] p = 0.00038677 |FC|<1.25 or adjPval>0.01 [>60] p = 0.34126 |FC|<1.25 or adjPval>0.01 [AII] p = 1.3815e-05[AII] p = 0.0226324 4 12 12

