ER+/HER2-: N = 1408ER+/HER2+: N = 110DIO2|ILMN\_1737650 DIO2|ILMN\_1737650 NKI Tier 1: non-ER binding; Tier 2: non-ER bindi NKI Tier 1: non-ER binding; Tier 2: non-ER bindi [<=60] p = 0.021998 [<=60] p = 3.5187e-09 No detectable trend: No detectable trend: 16 16 [>60] p = 0.1579 [>60] p = 4.5316e-06 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 3.7696e - 49[AII] p = 0.00301174 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 = 335DIO2|ILMN\_1737650 DIO2|ILMN\_1737650 NKI Tier 1: non-ER binding; Tier 2: non-ER bindi NKI Tier 1: non-ER binding; Tier 2: non-ER bindi [<=60] p = 0.042542No detectable trend: [<=60] p = 0.71116No detectable trend: 16 9 [>60] p = 0.043995 |FC|<4 or adjPval>0.01 [>60] p = 0.16444 |FC|<4 or adjPval>0.01 [AII] p = 0.28242[All] p = 0.147394 4

