ER+/HER2-: N = 1408ER+/HER2+: N = 110HIF3alpha|ILMN_1687481 HIF3alpha|ILMN_1687481 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.0047163 No detectable trend: [<=60] p = 0.1343No detectable trend: 16 16 [>60] p = 0.0041747 [>60] p = 0.11652 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 6.1428e - 05[AII] p = 0.282814 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 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 = 335HIF3alpha|ILMN_1687481 HIF3alpha|ILMN_1687481 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.17728 [<=60] p = 0.51372No detectable trend: No detectable trend: 16 16 [>60] p = 0.26892|FC|<2 or adjPval>0.01 [>60] p = 0.31029 |FC|<2 or adjPval>0.01 [AII] p = 0.69759[All] p = 0.779734 4

