ER+/HER2-: N = 1408ER+/HER2+: N = 110PHD2|ILMN_1749892 PHD2|ILMN_1749892 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.012715 [<=60] p = 0.45893No detectable trend: No detectable trend: 16 16 [>60] p = 0.27245 |FC|<4 or adjPval>0.01 [>60] p = 0.084224 |FC|<4 or adjPval>0.01 [AII] p = 0.0007891[AII] p = 0.908684 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω 9 20 40 60 80 100 20 40 60 80 100 Age at diagnosis Age at diagnosis ER-/HER2+: N = 139ER-/HER2-: N = 335PHD2|ILMN_1749892 PHD2|ILMN_1749892 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.57237No detectable trend: [<=60] p = 0.1729No detectable trend: 16 16 [>60] p = 0.047888 [>60] p = 0.24388 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.39946[AII] p = 0.0376654 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ∞ ∞ 9 9

20

40

60

Age at diagnosis

80

100

20

40

60

Age at diagnosis

80

100