HEY1|ILMN_2407308 HEY1|ILMN_2407308 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.78763[<=60] p = 0.74772No detectable trend: No detectable trend: 16 16 [>60] p = 0.77864 |FC|<1.25 or adjPval>0.01 [>60] p = 0.68546 |FC|<1.25 or adjPval>0.01 [AII] p = 0.81565[AII] p = 0.331484 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 = 335ER-/HER2+: N = 139HEY1|ILMN_2407308 HEY1|ILMN_2407308 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.94037No detectable trend: [<=60] p = 0.75324No detectable trend: 16 16 [>60] p = 0.42882[>60] p = 0.9856 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.67856[All] p = 0.176694 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ∞ ∞ 9 9

ER+/HER2+: N = 110

ER+/HER2-: N = 1408

20

40

60

Age at diagnosis

80

100

20

40

60

Age at diagnosis

80

100