Mdm2|ILMN_1814208 Mdm2|ILMN_1814208 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.49255No detectable trend: [<=60] p = 0.76106No detectable trend: 16 16 [>60] p = 0.0025743 [>60] p = 0.80552 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.080331[AII] p = 0.539494 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 = 335ER-/HER2+: N = 139Mdm2|ILMN_1814208 Mdm2|ILMN_1814208 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.64461No detectable trend: [<=60] p = 0.97533No detectable trend: 16 16 [>60] p = 0.74944|FC|<1.25 or adjPval>0.01 [>60] p = 0.54599 |FC|<1.25 or adjPval>0.01 [AII] p = 0.10298[AII] p = 0.794914 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω 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