Mdm2|ILMN_1746493 Mdm2|ILMN_1746493 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.63082No detectable trend: [<=60] p = 0.3748No detectable trend: 16 16 [>60] p = 0.81339[>60] p = 0.079879 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.18934[AII] p = 0.00547794 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 PAM50 Her2: N = 240 **PAM50 Basal: N = 331** Mdm2|ILMN_1746493 Mdm2|ILMN_1746493 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.026208No detectable trend: [<=60] p = 0.46372No detectable trend: 16 16 [>60] p = 0.26731 [>60] p = 0.54134 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.15926[AII] p = 0.687494 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ∞

9

20

40

60

Age at diagnosis

80

100

PAM50 LumB: N = 492

PAM50 LumA: N = 721

9

20

40

60

Age at diagnosis

80

100

PAM50 Normal: N = 202 Mdm2|ILMN_1746493

NKI Tier 1: ER binding; Tier 2: ER binding

