ER+/HER2-: N = 1408 ER+/HER2+: N = 110IKK-beta/IKK2|ILMN\_2172588 (ER binding) IKK-beta/IKK2|ILMN\_2172588 (ER binding) [<=60] p = 0.82993No detectable trend: [<=60] p = 0.16359No detectable trend: 16 16 [>60] p = 0.78381 [>60] p = 0.022389 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.51656[AII] p = 0.120124 4 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 = 139ER-/HER2-: N = 335IKK-beta/IKK2|ILMN\_2172588 (ER binding) IKK-beta/IKK2|ILMN\_2172588 (ER binding) [<=60] p = 0.93628No detectable trend: [<=60] p = 0.39244No detectable trend: 16 16 [>60] p = 0.68127 |FC|<4 or adjPval>0.01 [>60] p = 0.65296|FC|<4 or adjPval>0.01 [AII] p = 0.052723[AII] p = 0.990724 4 Raw Expression (4, 16) 12 12 10 10 ω ω 9 9

Raw Expression (4, 16)

Raw Expression (4, 16)

20

40

60

Age at diagnosis

80

100

20

40

60

Age at diagnosis

80

100