ER+/HER2-: N = 1408ER+/HER2+: N = 110MAP3K1|ILMN\_1723020 (non-ER binding) MAP3K1|ILMN\_1723020 (non-ER binding) [<=60] p = 0.0094119 No detectable trend: [<=60] p = 0.59722No detectable trend: 16 16 [>60] p = 0.18252 [>60] p = 0.94085|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.0003049[AII] p = 0.526714 4 Raw Expression (4, 16) 12 12 10 10 ω ω 9 9 20 40 60 80 20 40 60 80 100 100 Age at diagnosis Age at diagnosis ER-/HER2+: N = 139ER-/HER2-: N = 335MAP3K1|ILMN\_1723020 (non-ER binding) MAP3K1|ILMN\_1723020 (non-ER binding) [<=60] p = 0.20844No detectable trend: [<=60] p = 0.08626No detectable trend: 16 16 [>60] p = 0.12337 |FC|<4 or adjPval>0.01 [>60] p = 0.27277 |FC|<4 or adjPval>0.01 [AII] p = 0.52565[AII] p = 0.330244 4 Raw Expression (4, 16) 12 12 19 10 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