ER+/HER2-: N = 1408ER+/HER2+: N = 110CREB1|ILMN\_2334243 (non-ER binding) CREB1|ILMN\_2334243 (non-ER binding) [<=60] p = 0.024121 Age-dependent trend: [<=60] p = 0.25984No detectable trend: 16 16 [>60] p = 0.75113 [>60] p = 0.31805 |FC|>1.25 and adjPval<0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.00050562[AII] p = 0.00929984 4 Raw Expression (4, 16) 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 = 335CREB1|ILMN\_2334243 (non-ER binding) CREB1|ILMN\_2334243 (non-ER binding) [<=60] p = 0.10391No detectable trend: [<=60] p = 0.029043No detectable trend: 16 16 [>60] p = 0.040895[>60] p = 0.75864|FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [All] p = 0.24788[AII] p = 0.301474 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω 9 9 20 40 60 80 20 40 60 80 100 100

Age at diagnosis

Age at diagnosis