PAM50 LumA: N = 721 PAM50 LumB: N = 492 WHSC1/MMSET|ILMN_2334112 (non-ER binding WHSC1/MMSET|ILMN_2334112 (non-ER binding [<=60] p = 0.16042No detectable trend: [<=60] p = 0.47587No detectable trend: 16 16 [>60] p = 0.31254 [>60] p = 0.79853|FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.46967[All] p = 0.475414 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** WHSC1/MMSET|ILMN_2334112 (non-ER binding WHSC1/MMSET|ILMN_2334112 (non-ER binding [<=60] p = 0.63477No detectable trend: [<=60] p = 0.84784No detectable trend: 16 16 [>60] p = 0.87449[>60] p = 0.51808 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [All] p = 0.67539[All] p = 0.358634 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 Normal: N = 202 WHSC1/MMSET|ILMN_2334112 (non-ER bindin

