PAM50 LumA: N = 721 PAM50 LumB: N = 492 WHSC1/MMSET|ILMN_1663502 (non-ER binding WHSC1/MMSET|ILMN_1663502 (non-ER binding [<=60] p = 0.348No detectable trend: [<=60] p = 0.018723No detectable trend: 16 16 [>60] p = 0.01389 [>60] p = 0.74263 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.8404[All] p = 0.542624 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_1663502 (non-ER binding WHSC1/MMSET|ILMN_1663502 (non-ER binding [<=60] p = 0.42831 No detectable trend: [<=60] p = 0.47636No detectable trend: 16 16 [>60] p = 0.94953|FC|<4 or adjPval>0.01 [>60] p = 0.85714 |FC|<4 or adjPval>0.01 [All] p = 0.19728[All] p = 0.113554 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_1663502 (non-ER bindin

