**PAM50 LumA: N = 721 PAM50 LumB: N = 492** WHSC1/MMSET|ILMN\_2296335 (non-ER binding WHSC1/MMSET|ILMN\_2296335 (non-ER binding [<=60] p = 0.44555No detectable trend: [<=60] p = 0.39445No detectable trend: 16 16 [>60] p = 0.0051898 |FC|<1.25 or adjPval>0.01 [>60] p = 0.56274|FC|<1.25 or adjPval>0.01 [AII] p = 0.92587[AII] p = 0.998424 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω  $\infty$ 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\_2296335 (non-ER binding WHSC1/MMSET|ILMN\_2296335 (non-ER binding [<=60] p = 0.21481 [<=60] p = 0.93175No detectable trend: No detectable trend: 16 16 [>60] p = 0.48514 [>60] p = 0.92504|FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.27496[All] p = 0.589154 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω  $\infty$ 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\_2296335 (non-ER bindin

