PAM50 LumA: N = 721 PAM50 LumB: N = 492 NCOA6/ASC2|ILMN_1695797 (non-ER binding) NCOA6/ASC2|ILMN_1695797 (non-ER binding [<=60] p = 0.019797No detectable trend: [<=60] p = 0.85488No detectable trend: 16 16 [>60] p = 0.025742 [>60] p = 0.76972 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.044921[AII] p = 0.657564 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 PAM50 Her2: N = 240 **PAM50 Basal: N = 331** NCOA6/ASC2|ILMN_1695797 (non-ER binding) NCOA6/ASC2|ILMN_1695797 (non-ER binding [<=60] p = 0.23979[<=60] p = 0.94272No detectable trend: No detectable trend: 16 16 [>60] p = 0.9096[>60] p = 0.34123 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.7084[AII] p = 0.907664 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 NCOA6/ASC2|ILMN_1695797 (non-ER binding)

