PAM50 LumA: N = 721 PAM50 LumB: N = 492 CYP4Z1|ILMN_1693594 (non-ER binding) CYP4Z1|ILMN_1693594 (non-ER binding) [<=60] p = 0.0015244No detectable trend: [<=60] p = 0.99328No detectable trend: 16 16 [>60] p = 0.48473[>60] p = 0.12539 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 5.6104e - 05[AII] p = 0.0323064 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ∞ ∞ 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** CYP4Z1|ILMN_1693594 (non-ER binding) CYP4Z1|ILMN_1693594 (non-ER binding) [<=60] p = 0.86918[<=60] p = 3.776e-05No detectable trend: No detectable trend: 16 16 [>60] p = 0.082252 |FC|<4 or adjPval>0.01 [>60] p = 0.49696|FC|<4 or adjPval>0.01 [AII] p = 0.010338[AII] p = 0.00364684 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ∞ 9 9 20 40 60 80 100 20 40 60 80 100

Age at diagnosis

Age at diagnosis

PAM50 Normal: N = 202 CYP4Z1|ILMN_1693594 (non-ER binding)

