PAM50 LumA: N = 721 PAM50 LumB: N = 492 PAF 15|ILMN_2412521 (non-ER binding) PAF 15|ILMN_2412521 (non-ER binding) [<=60] p = 0.012735 No detectable trend: [<=60] p = 0.045187No detectable trend: 16 16 [>60] p = 0.56941[>60] p = 0.37441|FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.01245[AII] p = 0.0685734 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** PAF 15|ILMN_2412521 (non-ER binding) PAF 15|ILMN_2412521 (non-ER binding) [<=60] p = 0.022021No detectable trend: [<=60] p = 0.14372No detectable trend: 16 16 [>60] p = 0.70563[>60] p = 0.7347|FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [All] p = 0.10103[All] p = 0.243344 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 PAF 15|ILMN_2412521 (non-ER binding)

