PAM50 LumA: N = 721 PAM50 LumB: N = 492 PELP1|ILMN_1728684 (non-ER binding) PELP1|ILMN_1728684 (non-ER binding) [<=60] p = 0.01434No detectable trend: [<=60] p = 0.14972No detectable trend: 16 16 [>60] p = 0.1394[>60] p = 0.008393|FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 9.9588e - 08[AII] p = 0.00200514 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** PELP1|ILMN_1728684 (non-ER binding) PELP1|ILMN_1728684 (non-ER binding) [<=60] p = 0.54094No detectable trend: [<=60] p = 0.028623No detectable trend: 16 16 [>60] p = 0.73862|FC|<2 or adjPval>0.01 [>60] p = 0.99031|FC|<2 or adjPval>0.01 [AII] p = 0.15348[AII] p = 0.833794 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 PELP1|ILMN_1728684 (non-ER binding)

