PAM50 LumA: N = 721 PAM50 LumB: N = 492 PCL1/PHF1|ILMN_1746968 (non-ER binding) PCL1/PHF1|ILMN_1746968 (non-ER binding) [<=60] p = 0.24029No detectable trend: [<=60] p = 0.033645No detectable trend: 16 16 [>60] p = 0.017534 [>60] p = 0.75909|FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.00024265[AII] p = 0.0165594 4 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** PCL1/PHF1|ILMN_1746968 (non-ER binding) PCL1/PHF1|ILMN_1746968 (non-ER binding) [<=60] p = 0.040617No detectable trend: [<=60] p = 0.42581No detectable trend: 16 16 [>60] p = 0.43588|FC|<2 or adjPval>0.01 [>60] p = 0.20963 |FC|<2 or adjPval>0.01 [AII] p = 0.26773[AII] p = 0.294814 4 Raw Expression (4, 16) 12 12 10 10 ω ∞ 9 9

Raw Expression (4, 16)

Raw Expression (4, 16)

20

40

60

Age at diagnosis

80

100

20

40

60

Age at diagnosis

80

100

PAM50 Normal: N = 202 PCL1/PHF1|ILMN_1746968 (non-ER binding)

