PAM50 LumA: N = 721 PAM50 LumB: N = 492 HIF1alpha|ILMN_1763260 (non-ER binding) HIF1alpha|ILMN_1763260 (non-ER binding) [<=60] p = 0.037613No detectable trend: [<=60] p = 0.46677No detectable trend: 16 16 [>60] p = 0.23668[>60] p = 0.84444|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.00022252[AII] p = 0.00380874 4 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** HIF1alpha|ILMN_1763260 (non-ER binding) HIF1alpha|ILMN_1763260 (non-ER binding) [<=60] p = 0.29424No detectable trend: [<=60] p = 0.34399No detectable trend: 16 16 [>60] p = 0.38774|FC|<4 or adjPval>0.01 [>60] p = 0.16605|FC|<4 or adjPval>0.01 [AII] p = 0.17683[AII] p = 0.662744 4 Raw Expression (4, 16) 12 12 10 10 ∞ ∞

9

20

40

60

Age at diagnosis

80

100

Raw Expression (4, 16)

Raw Expression (4, 16)

9

20

40

60

Age at diagnosis

80

100

PAM50 Normal: N = 202 HIF1alpha|ILMN_1763260 (non-ER binding)

