ER+/HER2-: N = 1408ER+/HER2+: N = 110PCDH18|ILMN_2229877 (non-ER binding) PCDH18|ILMN_2229877 (non-ER binding) [<=60] p = 0.0047341 No detectable trend: [<=60] p = 0.083615No detectable trend: 16 16 [>60] p = 3.7629e-10 [>60] p = 0.30635|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 6.4493e - 43[AII] p = 1.7878e - 054 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω 9 9 20 40 60 80 100 20 40 60 80 100 Age at diagnosis Age at diagnosis ER-/HER2+: N = 139ER-/HER2-: N = 335PCDH18|ILMN_2229877 (non-ER binding) PCDH18|ILMN_2229877 (non-ER binding) [<=60] p = 0.0064082No detectable trend: [<=60] p = 0.23068No detectable trend: 16 16 [>60] p = 0.5828 |FC|<4 or adjPval>0.01 [>60] p = 0.85419 |FC|<4 or adjPval>0.01 [AII] p = 0.0013348[AII] p = 0.120024 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 19 10 ω 9 9

20

40

60

Age at diagnosis

80

100

20

40

60

Age at diagnosis

80

100