ER+/HER2-: N = 1408ER+/HER2+: N = 110HIF2alpha|ILMN_1704753 (non-ER binding) HIF2alpha|ILMN_1704753 (non-ER binding) [<=60] p = 0.26682No detectable trend: [<=60] p = 0.7672416 16 [>60] p = 0.97525 [>60] p = 0.090472|FC|<2 or adjPval>0.01 [AII] p = 0.010887[AII] p = 0.890254 4 Raw Expression (4, 16) 12 12 10 10 ω ∞ 9 9

No detectable trend: |FC|<2 or adjPval>0.01 Raw Expression (4, 16) 20 40 60 80 100 20 40 60 80 100 Age at diagnosis Age at diagnosis ER-/HER2+: N = 139ER-/HER2-: N = 335HIF2alpha|ILMN_1704753 (non-ER binding) [<=60] p = 0.091788[<=60] p = 0.14841No detectable trend: No detectable trend: 16 16 [>60] p = 0.6961|FC|<2 or adjPval>0.01 [>60] p = 0.76797 |FC|<2 or adjPval>0.01 [AII] p = 0.3551[AII] p = 0.210194 4

