iClust 1: N = 140 iClust 2: N = 72 HIF1alpha|ILMN_1763260 (non-ER binding) HIF1alpha|ILMN_1763260 (non-ER binding) [<=60] p = 0.50317 No detectable trend: [<=60] p = 0.48681No detectable trend: 16 16 [>60] p = 0.71447[>60] p = 0.12407 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.27722[AII] p = 0.00383124 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 iClust 3: N = 294 iClust 4: N = 344 HIF1alpha|ILMN_1763260 (non-ER binding) HIF1alpha|ILMN_1763260 (non-ER binding) [<=60] p = 0.018774[<=60] p = 0.74337No detectable trend: No detectable trend: 16 16 [>60] p = 0.54155 |FC|<2 or adjPval>0.01 [>60] p = 0.34835|FC|<2 or adjPval>0.01 [AII] p = 0.088343[AII] p = 0.569214 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ∞ 9 9 20 40 60 80 100 20 40 60 80 100

Age at diagnosis

Age at diagnosis

iClust 5: N = 191 iClust 6: N = 86 HIF1alpha|ILMN_1763260 (non-ER binding) HIF1alpha|ILMN_1763260 (non-ER binding) [<=60] p = 0.60231 No detectable trend: [<=60] p = 0.072716No detectable trend: 16 16 [>60] p = 0.13449[>60] p = 0.46763|FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.31149[AII] p = 0.82014 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ∞ ∞ 9 9 20 20 40 60 80 100 40 60 80 100 Age at diagnosis Age at diagnosis iClust 7: N = 193 iClust 8: N = 300 HIF1alpha|ILMN_1763260 (non-ER binding) HIF1alpha|ILMN_1763260 (non-ER binding) [<=60] p = 0.15193[<=60] p = 0.46123No detectable trend: No detectable trend: 16 16 [>60] p = 0.36094|FC|<2 or adjPval>0.01 [>60] p = 0.4092|FC|<2 or adjPval>0.01 [AII] p = 0.0006254[All] p = 0.648114 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ∞ 9 9 20 40 60 80 100 20 40 60 80 100 Age at diagnosis Age at diagnosis

iClust 9: N = 146 HIF1alpha|ILMN_1763260 (non-ER binding)

iClust 10: N = 226 HIF1alpha|ILMN_1763260 (non-ER binding)

