iClust 1: N = 140 iClust 2: N = 72 MYBPC1|ILMN_1752075 (ER binding) MYBPC1|ILMN_1752075 (ER binding) [<=60] p = 0.34926No detectable trend: [<=60] p = 0.83758No detectable trend: 16 16 [>60] p = 0.74185 [>60] p = 0.23931 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.64621[AII] p = 0.25574 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 MYBPC1|ILMN_1752075 (ER binding) MYBPC1|ILMN_1752075 (ER binding) [<=60] p = 0.00014555 No detectable trend: [<=60] p = 0.16791No detectable trend: 16 16 [>60] p = 0.00077381 |FC|<1.25 or adjPval>0.01 [>60] p = 0.74456|FC|<1.25 or adjPval>0.01 [AII] p = 0.0033003[AII] p = 8.2026e - 134 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 19 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 MYBPC1|ILMN_1752075 (ER binding) MYBPC1|ILMN_1752075 (ER binding) [<=60] p = 0.79548No detectable trend: [<=60] p = 0.22323No detectable trend: 16 16 [>60] p = 0.73731 [>60] p = 0.15027 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.025165[AII] p = 0.0847424 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 MYBPC1|ILMN_1752075 (ER binding) MYBPC1|ILMN_1752075 (ER binding) [<=60] p = 0.0004784No detectable trend: [<=60] p = 0.00038223 No detectable trend: 16 16 [>60] p = 0.96833|FC|<1.25 or adjPval>0.01 [>60] p = 0.49403|FC|<1.25 or adjPval>0.01 [AII] p = 5.3808e - 13[All] p = 0.00561144 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 MYBPC1|ILMN_1752075 (ER binding)

iClust 10: N = 226 MYBPC1|ILMN_1752075 (ER binding)

