iClust 1: N = 140 iClust 2: N = 72 CD44|ILMN_1803429 (non-ER binding) CD44|ILMN_1803429 (non-ER binding) [<=60] p = 0.37707No detectable trend: [<=60] p = 0.046774No detectable trend: 16 16 [>60] p = 0.66352 [>60] p = 0.47519 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.34371[AII] p = 0.0397354 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 3: N = 294 iClust 4: N = 344 CD44|ILMN_1803429 (non-ER binding) CD44|ILMN_1803429 (non-ER binding) [<=60] p = 0.38996No detectable trend: [<=60] p = 0.64868No detectable trend: 16 16 [>60] p = 0.58502[>60] p = 0.83026|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [All] p = 0.67838[AII] p = 0.829924 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 CD44|ILMN_1803429 (non-ER binding) CD44|ILMN_1803429 (non-ER binding) [<=60] p = 0.96336No detectable trend: [<=60] p = 0.72012No detectable trend: 16 16 [>60] p = 0.1428[>60] p = 0.9281 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.76759[AII] p = 0.225354 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 7: N = 193 iClust 8: N = 300 CD44|ILMN_1803429 (non-ER binding) CD44|ILMN_1803429 (non-ER binding) [<=60] p = 0.51081No detectable trend: [<=60] p = 0.29422No detectable trend: 16 16 [>60] p = 0.29911 [>60] p = 0.046155 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.92669[AII] p = 0.292074 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 CD44|ILMN_1803429 (non-ER binding)

iClust 10: N = 226 CD44|ILMN_1803429 (non-ER binding)

