iClust 1: N = 140 iClust 2: N = 72 NCOA6/ASC2|ILMN_1695797 (non-ER binding) NCOA6/ASC2|ILMN_1695797 (non-ER binding [<=60] p = 0.22098No detectable trend: [<=60] p = 0.26964No detectable trend: 16 16 [>60] p = 0.97585 [>60] p = 0.075007 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.88328[AII] p = 0.906464 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω 9 9 20 40 60 80 20 40 60 80 100 100 Age at diagnosis Age at diagnosis iClust 3: N = 294 iClust 4: N = 344 NCOA6/ASC2|ILMN_1695797 (non-ER binding) NCOA6/ASC2|ILMN_1695797 (non-ER binding [<=60] p = 0.064517No detectable trend: [<=60] p = 0.27422No detectable trend: 16 16 [>60] p = 0.097307 [>60] p = 0.090963|FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [All] p = 0.74119[AII] p = 0.230264 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 NCOA6/ASC2|ILMN_1695797 (non-ER binding) NCOA6/ASC2|ILMN_1695797 (non-ER binding [<=60] p = 0.026746No detectable trend: [<=60] p = 0.75453No detectable trend: 16 16 [>60] p = 0.88298 |FC|<1.25 or adjPval>0.01 [>60] p = 0.46947 |FC|<1.25 or adjPval>0.01 [AII] p = 0.65051[AII] p = 0.0248294 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ∞ 9 9 20 40 60 80 20 40 60 80 100 100 Age at diagnosis Age at diagnosis iClust 7: N = 193 iClust 8: N = 300 NCOA6/ASC2|ILMN_1695797 (non-ER binding) NCOA6/ASC2|ILMN_1695797 (non-ER binding [<=60] p = 0.90482[<=60] p = 0.39452No detectable trend: No detectable trend: 16 16 [>60] p = 0.060402 [>60] p = 0.58377|FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [All] p = 0.59493[AII] p = 0.892024 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 NCOA6/ASC2|ILMN_1695797 (non-ER binding)

iClust 10: N = 226 NCOA6/ASC2|ILMN_1695797 (non-ER binding

