iClust 1: N = 140 iClust 2: N = 72 WHSC1/MMSET|ILMN_1663502 (non-ER binding WHSC1/MMSET|ILMN_1663502 (non-ER binding [<=60] p = 0.87404No detectable trend: [<=60] p = 0.72374No detectable trend: 16 16 [>60] p = 0.49834[>60] p = 0.2452 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.9122[All] p = 0.481354 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 4: N = 344 iClust 3: N = 294 WHSC1/MMSET|ILMN_1663502 (non-ER binding WHSC1/MMSET|ILMN_1663502 (non-ER binding [<=60] p = 0.89058No detectable trend: [<=60] p = 0.83959No detectable trend: 16 16 [>60] p = 0.24922[>60] p = 0.14514 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [All] p = 0.74739[All] p = 0.163274 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 WHSC1/MMSET|ILMN_1663502 (non-ER binding WHSC1/MMSET|ILMN_1663502 (non-ER binding [<=60] p = 0.15987No detectable trend: [<=60] p = 0.070938No detectable trend: 16 16 [>60] p = 0.39661 |FC|<1.25 or adjPval>0.01 [>60] p = 0.31535 |FC|<1.25 or adjPval>0.01 [AII] p = 0.16585[AII] p = 0.690374 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 7: N = 193 iClust 8: N = 300 WHSC1/MMSET|ILMN_1663502 (non-ER binding WHSC1/MMSET|ILMN_1663502 (non-ER binding [<=60] p = 0.35079No detectable trend: [<=60] p = 0.93938No detectable trend: 16 16 [>60] p = 0.34742[>60] p = 0.19082 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [All] p = 0.74751[AII] p = 0.326784 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω 9 9 20 40 60 80 100 20 40 60 80 100 Age at diagnosis Age at diagnosis

iClust 9: N = 146 WHSC1/MMSET|ILMN_1663502 (non-ER binding

iClust 10: N = 226 WHSC1/MMSET|ILMN_1663502 (non-ER binding

