iClust 1: N = 140 iClust 2: N = 72 ASXL1|ILMN\_1726025 (non-ER binding) ASXL1|ILMN\_1726025 (non-ER binding) [<=60] p = 0.056918No detectable trend: [<=60] p = 0.0082909 No detectable trend: 16 16 [>60] p = 0.24371 [>60] p = 0.49889|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.014001[AII] p = 0.616294 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 3: N = 294 iClust 4: N = 344 ASXL1|ILMN\_1726025 (non-ER binding) ASXL1|ILMN\_1726025 (non-ER binding) [<=60] p = 0.80384No detectable trend: [<=60] p = 0.82865No detectable trend: 16 16 [>60] p = 0.019552 |FC|<4 or adjPval>0.01 [>60] p = 0.19675|FC|<4 or adjPval>0.01 [AII] p = 0.35662[All] p = 0.286164 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 5: N = 191 iClust 6: N = 86 ASXL1|ILMN\_1726025 (non-ER binding) ASXL1|ILMN\_1726025 (non-ER binding) [<=60] p = 0.57855No detectable trend: [<=60] p = 0.77636No detectable trend: 16 16 [>60] p = 0.19929 [>60] p = 0.81078 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.31901[AII] p = 0.281894 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 7: N = 193 iClust 8: N = 300 ASXL1|ILMN\_1726025 (non-ER binding) ASXL1|ILMN\_1726025 (non-ER binding) [<=60] p = 0.39505No detectable trend: [<=60] p = 0.93585No detectable trend: 16 16 [>60] p = 0.076565|FC|<4 or adjPval>0.01 [>60] p = 0.20425 |FC|<4 or adjPval>0.01 [AII] p = 0.38477[All] p = 0.247524 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 ASXL1|ILMN\_1726025 (non-ER binding)

iClust 10: N = 226 ASXL1|ILMN\_1726025 (non-ER binding)

