iClust 1: N = 140 iClust 2: N = 72 FLT3|ILMN_1766363 (ER binding) FLT3|ILMN_1766363 (ER binding) [<=60] p = 0.98727No detectable trend: [<=60] p = 0.78962No detectable trend: 16 16 [>60] p = 0.15614 [>60] p = 0.58194 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.62102[AII] p = 0.172084 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 3: N = 294 iClust 4: N = 344 FLT3|ILMN_1766363 (ER binding) FLT3|ILMN_1766363 (ER binding) [<=60] p = 0.019925[<=60] p = 0.0021293 No detectable trend: No detectable trend: 16 16 [>60] p = 0.053874|FC|<4 or adjPval>0.01 [>60] p = 0.77644 |FC|<4 or adjPval>0.01 [AII] p = 1.3447e - 09[AII] p = 0.00404444 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ∞ 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 FLT3|ILMN_1766363 (ER binding) FLT3|ILMN_1766363 (ER binding) [<=60] p = 0.013821No detectable trend: [<=60] p = 0.62323No detectable trend: 16 16 [>60] p = 0.24283 [>60] p = 0.239 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.59748[AII] p = 0.00362374 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 FLT3|ILMN_1766363 (ER binding) FLT3|ILMN_1766363 (ER binding) [<=60] p = 0.63475[<=60] p = 0.017198No detectable trend: No detectable trend: 16 16 [>60] p = 0.085698|FC|<4 or adjPval>0.01 [>60] p = 0.91158 |FC|<4 or adjPval>0.01 [AII] p = 9.2697e - 05[All] p = 0.0135854 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 9: N = 146 FLT3|ILMN_1766363 (ER binding)

iClust 10: N = 226 FLT3|ILMN_1766363 (ER binding)

