iClust 1: N = 140 iClust 2: N = 72 CPXM1|ILMN_1712046 (non-ER binding) CPXM1|ILMN_1712046 (non-ER binding) [<=60] p = 0.32536No detectable trend: [<=60] p = 0.98806No detectable trend: 16 16 [>60] p = 0.18704 [>60] p = 0.007292 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.078923[AII] p = 0.00368854 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 CPXM1|ILMN_1712046 (non-ER binding) CPXM1|ILMN_1712046 (non-ER binding) [<=60] p = 0.2877No detectable trend: [<=60] p = 0.79909No detectable trend: 16 16 [>60] p = 0.010245 |FC|<2 or adjPval>0.01 [>60] p = 0.0035198 |FC|<2 or adjPval>0.01 [AII] p = 3.2202e - 10[AII] p = 5.0109e-064 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 CPXM1|ILMN_1712046 (non-ER binding) CPXM1|ILMN_1712046 (non-ER binding) [<=60] p = 0.93255No detectable trend: [<=60] p = 0.875No detectable trend: 16 16 [>60] p = 0.78782[>60] p = 0.82762 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.0047385[AII] p = 0.00959734 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 7: N = 193 iClust 8: N = 300 CPXM1|ILMN_1712046 (non-ER binding) CPXM1|ILMN_1712046 (non-ER binding) [<=60] p = 0.77793 [<=60] p = 0.60452No detectable trend: No detectable trend: 16 16 [>60] p = 0.044357|FC|<2 or adjPval>0.01 [>60] p = 0.015015 |FC|<2 or adjPval>0.01 [AII] p = 0.017852[AII] p = 2.6673e - 074 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 CPXM1|ILMN_1712046 (non-ER binding)

iClust 10: N = 226 CPXM1|ILMN_1712046 (non-ER binding)

