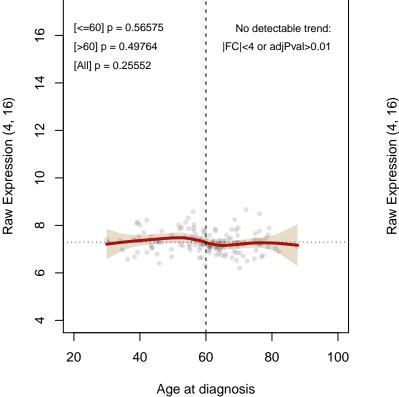
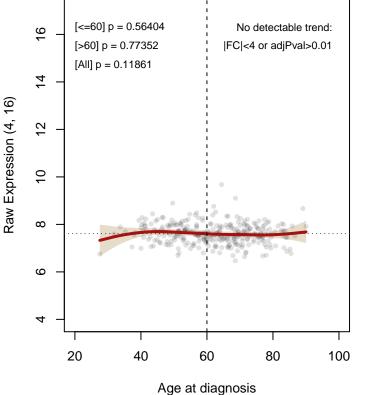
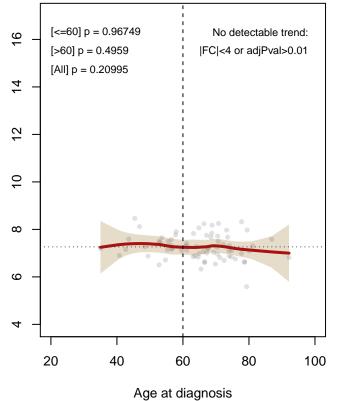
iClust 1: N = 140ATM|ILMN\_1779214 NKI Tier 1: non-ER binding; Tier 2: ER binding



iClust 3: N = 294 ATM|ILMN\_1779214 NKI Tier 1: non-ER binding; Tier 2: ER binding

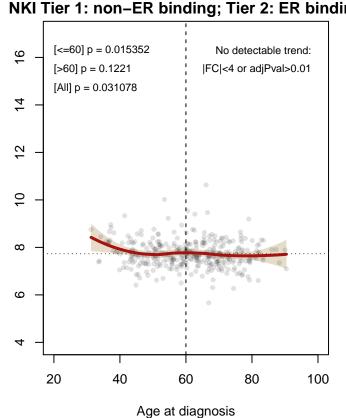


iClust 2: N = 72 ATM|ILMN\_1779214 NKI Tier 1: non-ER binding; Tier 2: ER binding



ATM|ILMN\_1779214 NKI Tier 1: non-ER binding; Tier 2: ER binding

iClust 4: N = 344



Raw Expression (4, 16)

ATM|ILMN\_1779214 ATM|ILMN\_1779214 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.41069No detectable trend: [<=60] p = 0.11709No detectable trend: 16 16 [>60] p = 0.0064729 [>60] p = 0.89845|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.084814[AII] p = 0.382344 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10  $\infty$  $\infty$ 9 9 20 40 60 80 100 20 40 60 80 Age at diagnosis Age at diagnosis

iClust 6: N = 86

Age at diagnosis

100

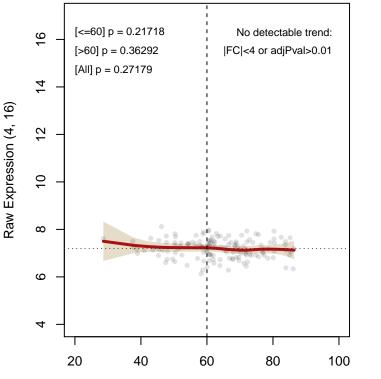
iClust 5: N = 191

Age at diagnosis

iClust 8: N = 300iClust 7: N = 193ATM|ILMN\_1779214 ATM|ILMN\_1779214 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.59532No detectable trend: [<=60] p = 0.16529No detectable trend: 16 16 [>60] p = 0.63172 [>60] p = 0.18971 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.88602[All] p = 0.544274 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

iClust 9: N = 146 ATM|ILMN\_1779214

NKI Tier 1: non-ER binding; Tier 2: ER binding



Age at diagnosis

iClust 10: N = 226 ATM|ILMN\_1779214

NKI Tier 1: non-ER binding; Tier 2: ER binding

