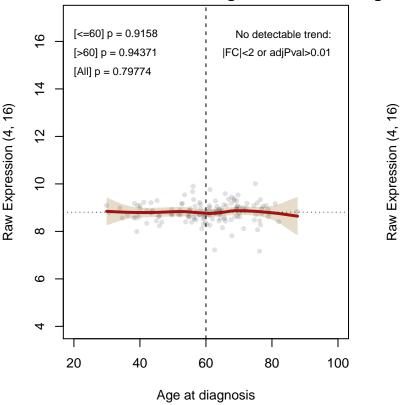
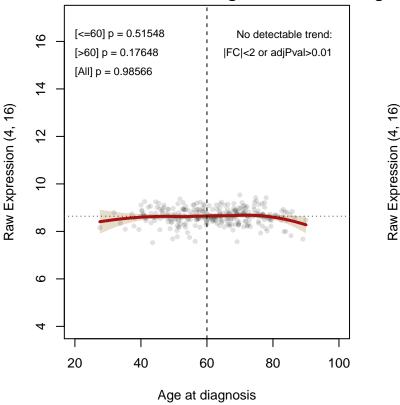
iClust 1: N = 140 AXIN1|ILMN\_1766185 NKI Tier 1: pop\_EP binding: Tier 2: I

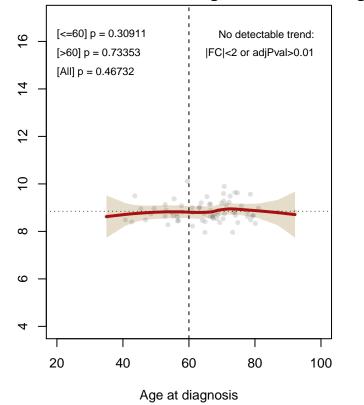




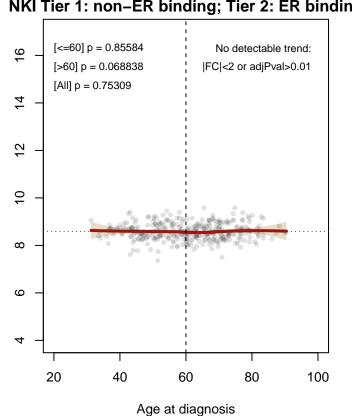
iClust 3: N = 294
AXIN1|ILMN\_1766185
NKI Tier 1: non-ER binding; Tier 2: ER binding



iClust 2: N = 72
AXIN1|ILMN\_1766185
NKI Tier 1: non-ER binding; Tier 2: ER binding



iClust 4: N = 344
AXIN1|ILMN\_1766185
NKI Tier 1: non-ER binding; Tier 2: ER binding



AXIN1|ILMN\_1766185 AXIN1|ILMN\_1766185 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.14419No detectable trend: [<=60] p = 0.17117No detectable trend: 16 16 [>60] p = 0.09561[>60] p = 0.70004|FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.2073[AII] p = 0.420614 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 Age at diagnosis Age at diagnosis

iClust 6: N = 86

Age at diagnosis

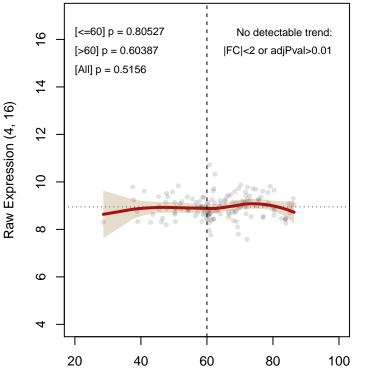
iClust 5: N = 191

Age at diagnosis

80 100 iClust 7: N = 193 iClust 8: N = 300 AXIN1|ILMN\_1766185 AXIN1|ILMN\_1766185 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.85892No detectable trend: [<=60] p = 0.80058No detectable trend: 16 16 [>60] p = 0.53795 |FC|<2 or adjPval>0.01 [>60] p = 0.49167 |FC|<2 or adjPval>0.01 [AII] p = 0.076295[AII] p = 0.459964 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω  $\infty$ 9 9 20 40 80 100 20 40 60 80 100 60

iClust 9: N = 146 AXIN1|ILMN\_1766185

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



Age at diagnosis

iClust 10: N = 226 AXIN1|ILMN\_1766185

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

