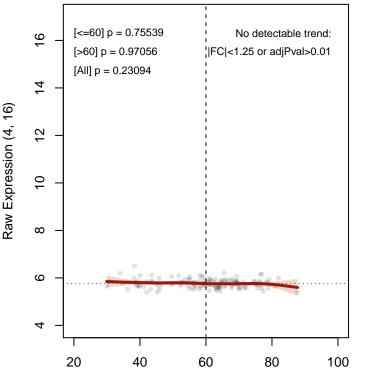
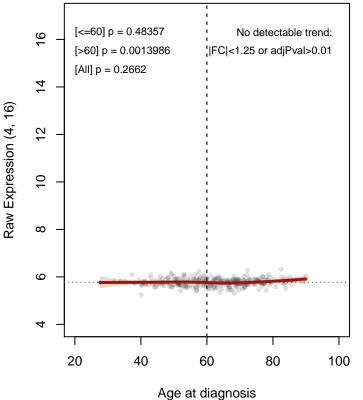
iClust 1: N = 140 SMAD1|ILMN\_1670540 NKI Tier 1: ER binding; Tier 2: ER binding



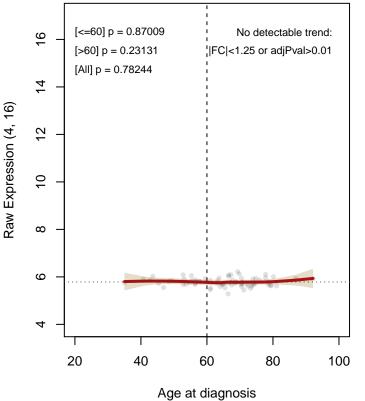
iClust 3: N = 294 SMAD1|ILMN\_1670540 NKI Tier 1: ER binding; Tier 2: ER binding

Age at diagnosis

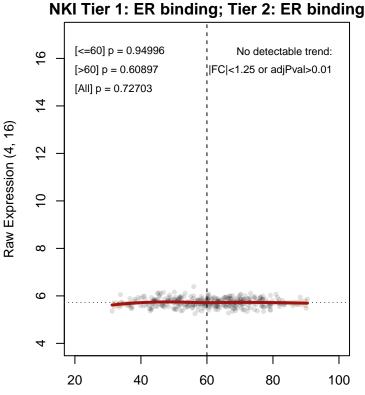


iClust 2: N = 72 SMAD1|ILMN\_1670540





iClust 4: N = 344 SMAD1|ILMN\_1670540



Age at diagnosis

SMAD1|ILMN\_1670540 SMAD1|ILMN\_1670540 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.94514No detectable trend: [<=60] p = 0.9830416 16 [>60] p = 0.012689 [>60] p = 0.45043|FC|<1.25 or adjPval>0.01 [AII] p = 0.16232[AII] p = 0.274294 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10  $\infty$  $\infty$ 9 9 20 40 60 80 100 20 40 Age at diagnosis

iClust 5: N = 191

Age at diagnosis

60 80 100 Age at diagnosis iClust 8: N = 300 iClust 7: N = 193SMAD1|ILMN\_1670540 SMAD1|ILMN\_1670540 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.88913No detectable trend: [<=60] p = 0.49641No detectable trend: 16 16 [>60] p = 0.56824[>60] p = 0.82029 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.75092[AII] p = 0.371714 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω  $\infty$ 9 20 40 60 80 100 20 40 60 80 100

iClust 6: N = 86

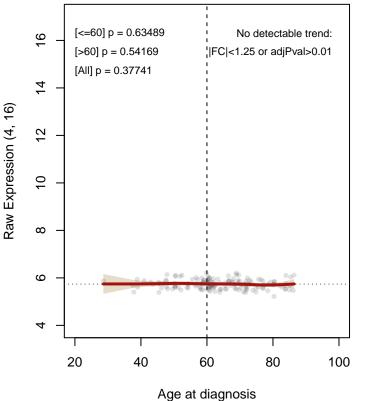
Age at diagnosis

No detectable trend:

|FC|<1.25 or adjPval>0.01

iClust 9: N = 146 SMAD1|ILMN\_1670540

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



iClust 10: N = 226 SMAD1|ILMN\_1670540

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

