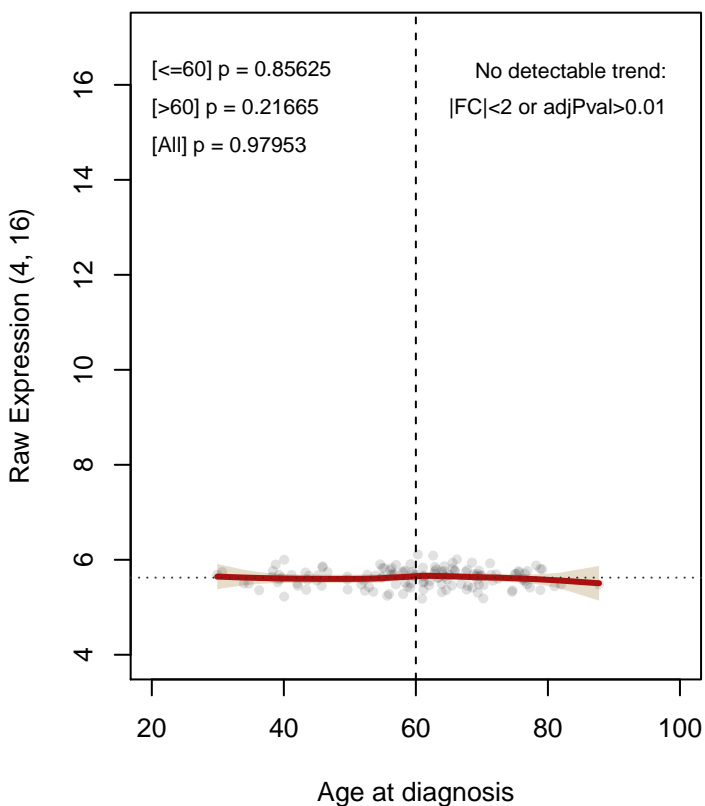**iClust 1: N = 140**
RAD51B|ILMN_1727831 (non−ER binding)

[<=60] p = 0.85625
[>60] p = 0.21665
[All] p = 0.97953

No detectable trend:
|FC|<2 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis

iClust 2: N = 72
RAD51B|ILMN_1727831 (non−ER binding)

[<=60] p = 0.51345
[>60] p = 0.93711
[All] p = 0.64959
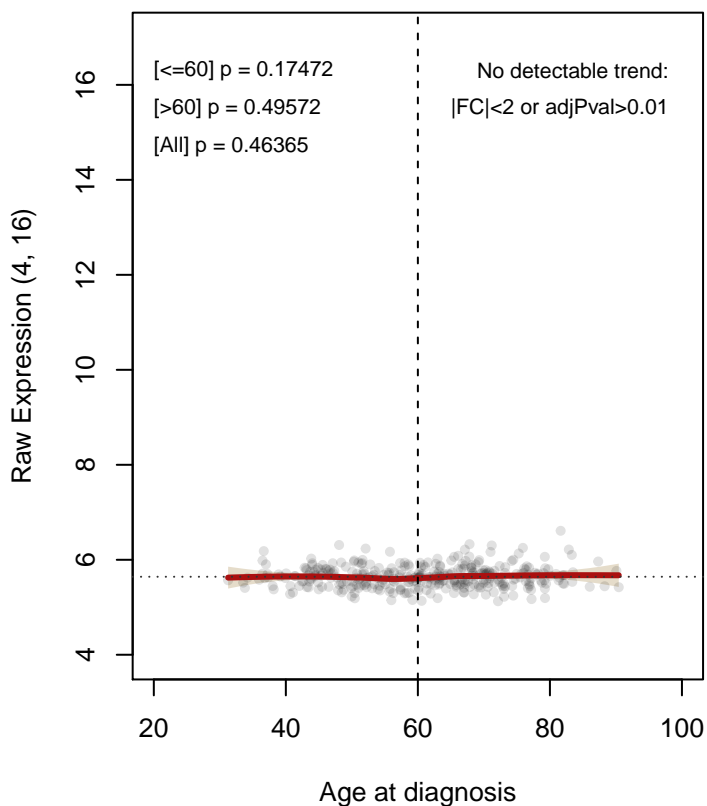
No detectable trend:
|FC|<2 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis
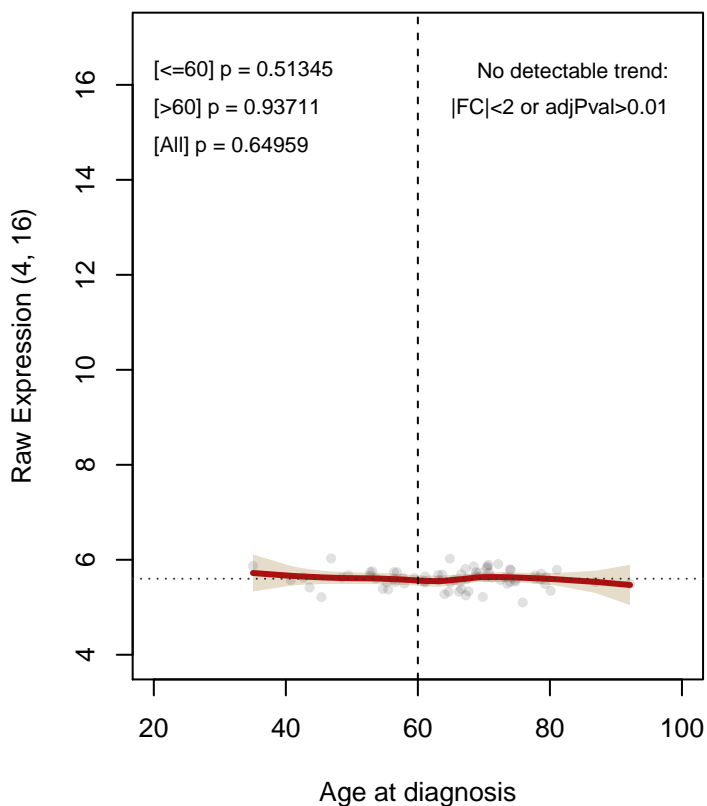
iClust 3: N = 294
RAD51B|ILMN_1727831 (non−ER binding)

[<=60] p = 0.56813
[>60] p = 0.10121
[All] p = 0.62969

No detectable trend:
|FC|<2 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis
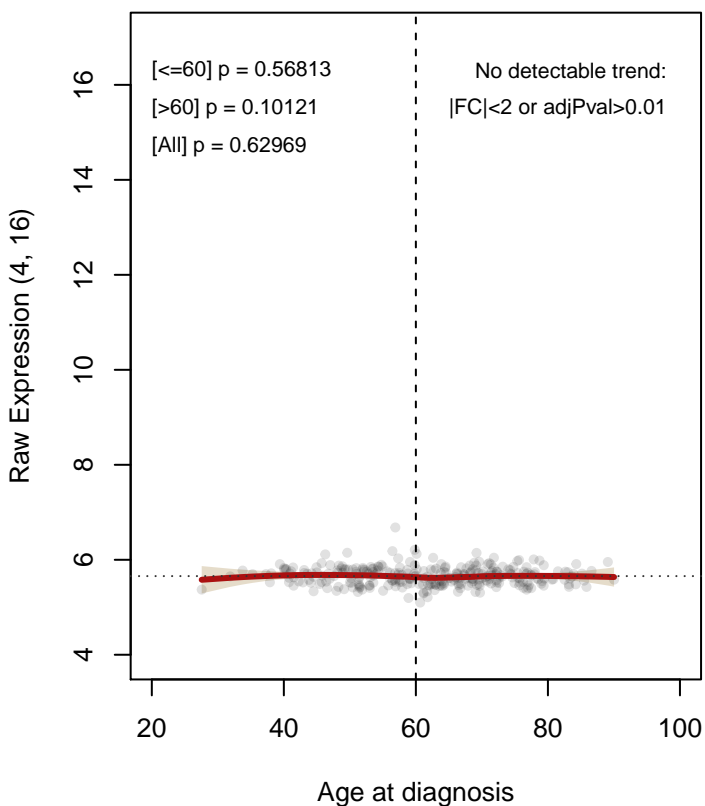
iClust 4: N = 344
RAD51B|ILMN_1727831 (non−ER binding)

[<=60] p = 0.17472
[>60] p = 0.49572
[All] p = 0.46365

No detectable trend:
|FC|<2 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis

iClust 5: N = 191
RAD51B|ILMN_1727831 (non−ER binding)

Raw Expression (4, 16)

[<=60] p = 0.50324
[>60] p = 0.068399
[All] p = 0.47523

No detectable trend:
|FC|<2 or adjPval>0.01

Age at diagnosis
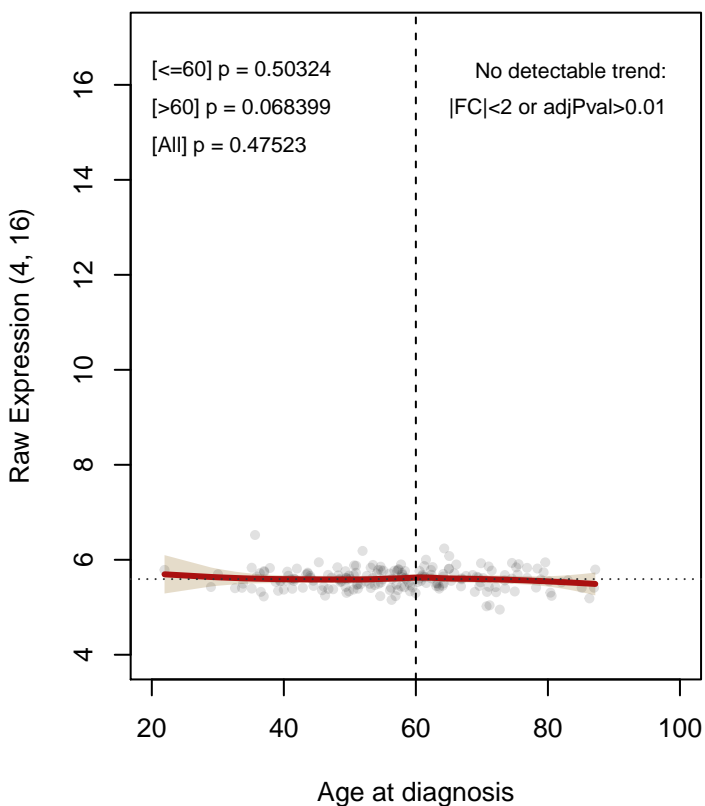
iClust 6: N = 86
RAD51B|ILMN_1727831 (non−ER binding)

Raw Expression (4, 16)

[<=60] p = 0.56292
[>60] p = 0.25342
[All] p = 0.15973

No detectable trend:
|FC|<2 or adjPval>0.01

Age at diagnosis
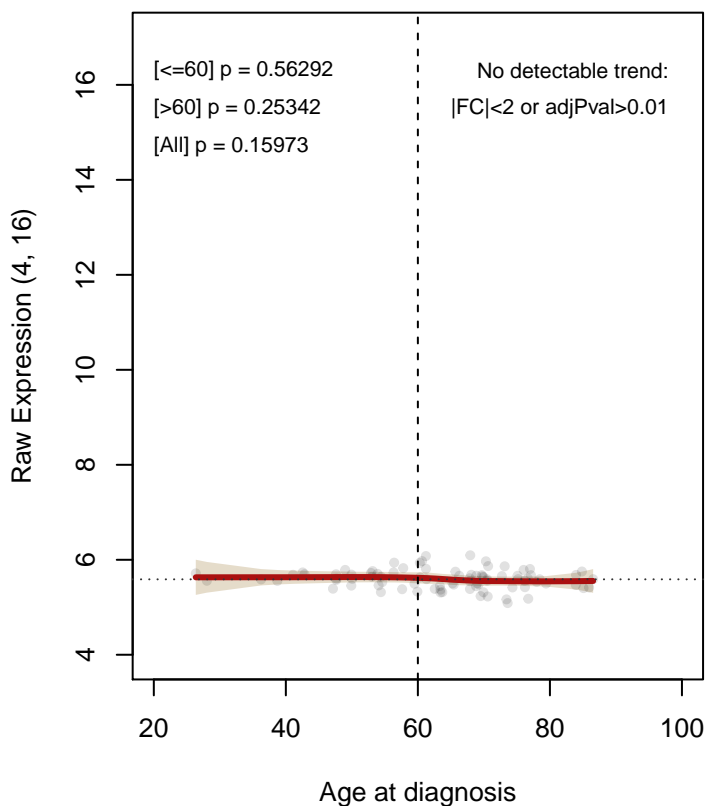
iClust 7: N = 193
RAD51B|ILMN_1727831 (non−ER binding)

Raw Expression (4, 16)

[<=60] p = 0.22337
[>60] p = 0.20087
[All] p = 0.92903

No detectable trend:
|FC|<2 or adjPval>0.01

Age at diagnosis
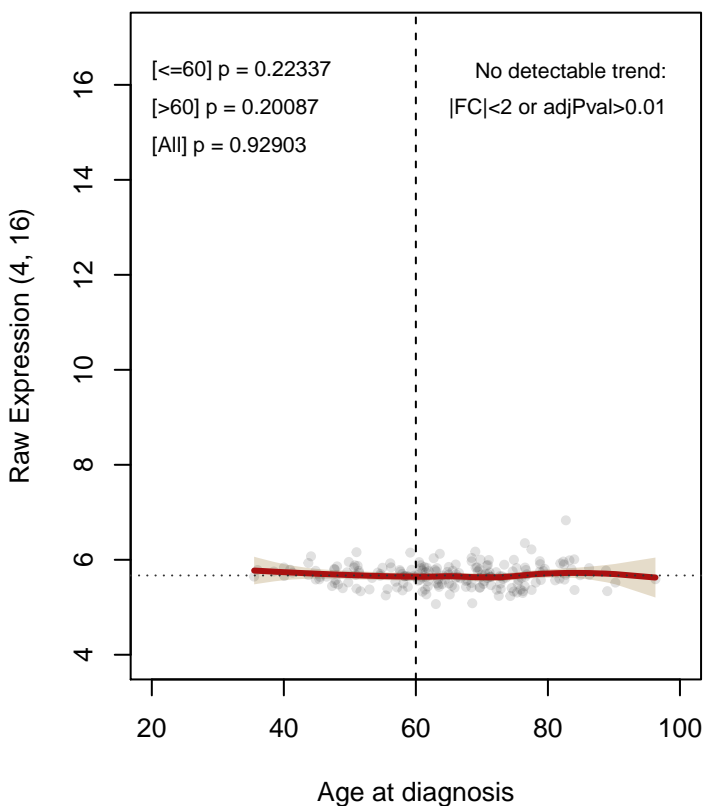
iClust 8: N = 300
RAD51B|ILMN_1727831 (non−ER binding)

Raw Expression (4, 16)

[<=60] p = 0.12361
[>60] p = 0.78789
[All] p = 0.25994

No detectable trend:
|FC|<2 or adjPval>0.01

Age at diagnosis
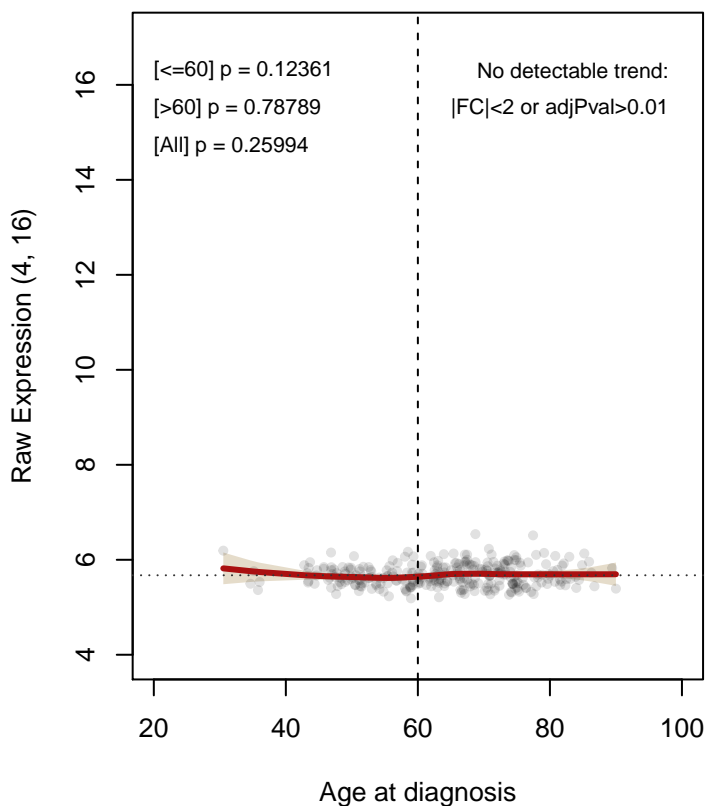
iClust 9: N = 146
RAD51B|ILMN_1727831 (non−ER binding)

[<=60] p = 0.68274
[>60] p = 0.084044
[All] p = 0.3899

No detectable trend:
|FC|<2 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis
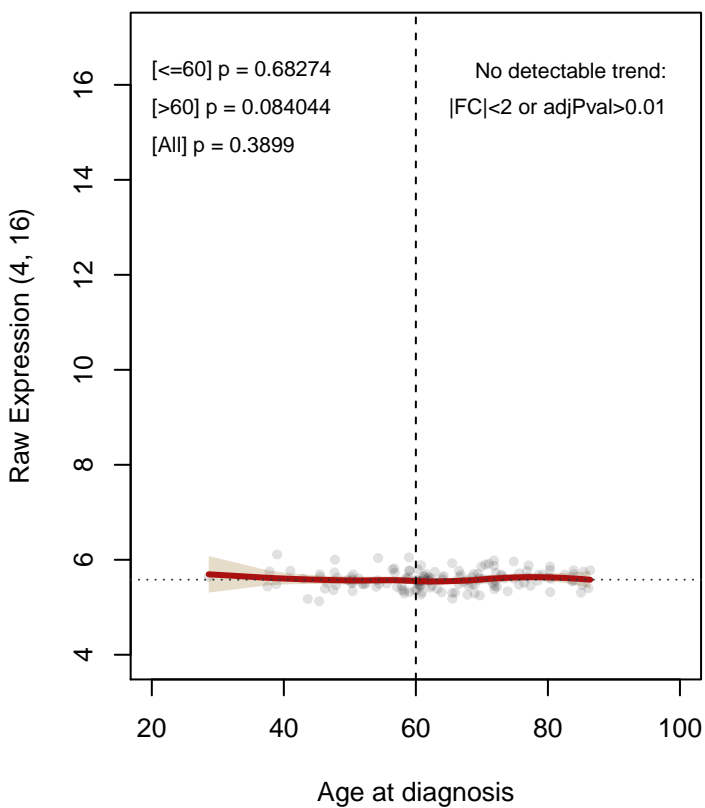
iClust 10: N = 226
RAD51B|ILMN_1727831 (non−ER binding)

[<=60] p = 0.06068
[>60] p = 0.078304
[All] p = 0.16737

No detectable trend:
|FC|<2 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis