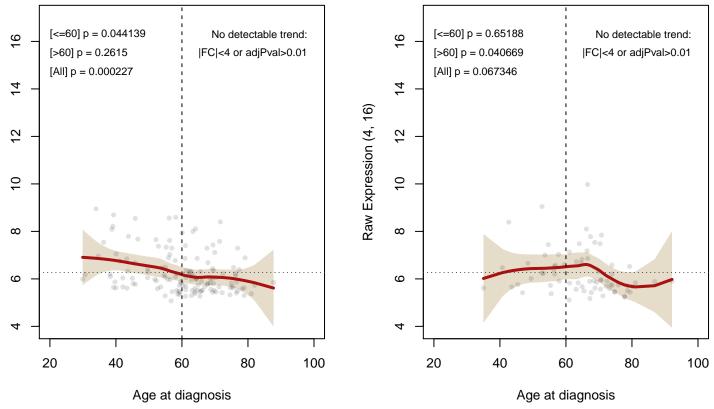
iClust 1: N = 140 COL17A1|ILMN\_1651282 (non-ER binding)

Raw Expression (4, 16)

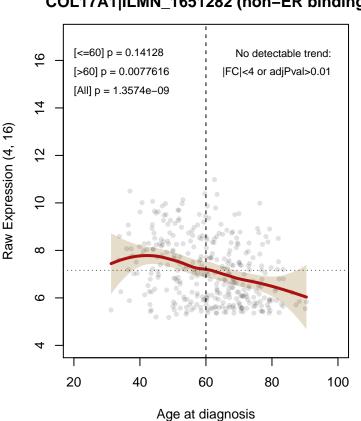
iClust 2: N = 72 COL17A1|ILMN\_1651282 (non-ER binding)



iClust 3: N = 294 COL17A1|ILMN\_1651282 (non-ER binding)

[<=60] p = 0.17721 No detectable trend: 16 [>60] p = 0.0067053 |FC|<4 or adjPval>0.01 [AII] p = 3.7831e-124 Raw Expression (4, 16) 12 10 ω 9 20 40 60 80 100 Age at diagnosis

iClust 4: N = 344 COL17A1|ILMN\_1651282 (non-ER binding)



iClust 5: N = 191 iClust 6: N = 86 COL17A1|ILMN\_1651282 (non-ER binding) COL17A1|ILMN\_1651282 (non-ER binding) [<=60] p = 0.097772No detectable trend: [<=60] p = 0.26392No detectable trend: 16 16 [>60] p = 0.3447[>60] p = 0.071127 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.0020609[AII] p = 0.00285364 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 7: N = 193 iClust 8: N = 300 COL17A1|ILMN\_1651282 (non-ER binding) COL17A1|ILMN\_1651282 (non-ER binding) [<=60] p = 0.086551No detectable trend: [<=60] p = 0.02196No detectable trend: 16 16 [>60] p = 0.078106|FC|<4 or adjPval>0.01 [>60] p = 8.4258e-08 |FC|<4 or adjPval>0.01 [AII] p = 8.1699e - 05[AII] p = 2.0757e - 184 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω 9 9

20

40

60

Age at diagnosis

80

100

20

40

60

Age at diagnosis

80

100

iClust 9: N = 146 COL17A1|ILMN\_1651282 (non-ER binding)

iClust 10: N = 226 COL17A1|ILMN\_1651282 (non-ER binding)

