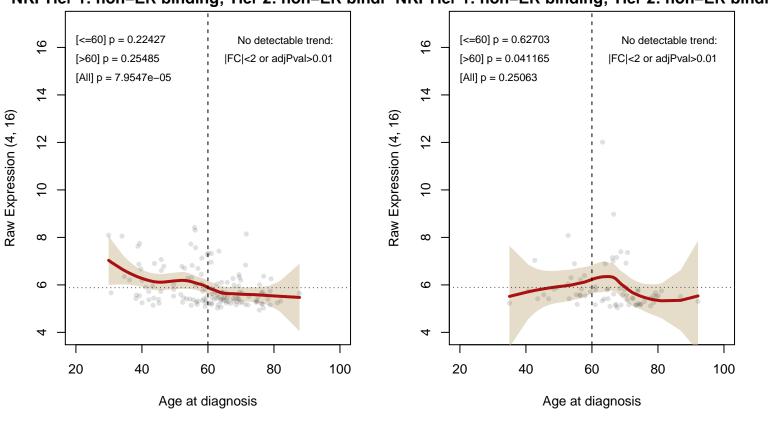
iClust 1: N = 140CK5|ILMN\_1801632 CK5|ILMN\_1801632 NKI Tier 1: non-ER binding; Tier 2: non-ER bindi NKI Tier 1: non-ER binding; Tier 2: non-ER bindi

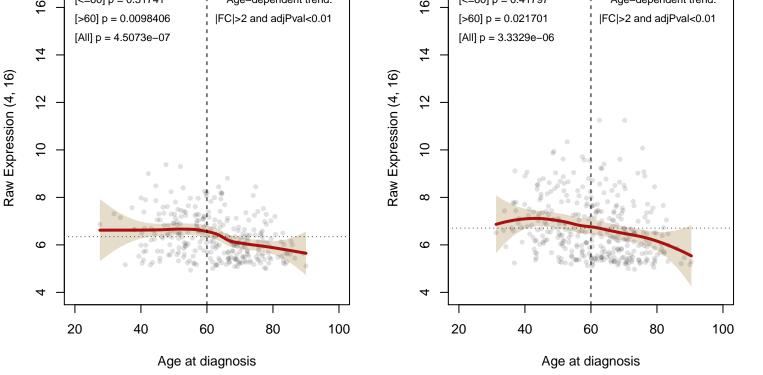
iClust 3: N = 294



iClust 2: N = 72

iClust 4: N = 344

CK5|ILMN\_1801632 CK5|ILMN\_1801632 NKI Tier 1: non-ER binding; Tier 2: non-ER bindi NKI Tier 1: non-ER binding; Tier 2: non-ER bindi [<=60] p = 0.41797[<=60] p = 0.51741Age-dependent trend: Age-dependent trend: 16 9



iClust 5: N = 191 iClust 6: N = 86CK5|ILMN\_1801632 CK5|ILMN\_1801632 NKI Tier 1: non-ER binding; Tier 2: non-ER bindi NKI Tier 1: non-ER binding; Tier 2: non-ER bindi [<=60] p = 0.35781 [<=60] p = 0.085029No detectable trend: No detectable trend: 16 16 [>60] p = 0.82687 |FC|<2 or adjPval>0.01 [>60] p = 0.3311 |FC|<2 or adjPval>0.01 [AII] p = 0.06058[AII] p = 0.0562854 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 = 193iClust 8: N = 300CK5|ILMN\_1801632 CK5|ILMN\_1801632 NKI Tier 1: non-ER binding; Tier 2: non-ER bindi NKI Tier 1: non-ER binding; Tier 2: non-ER bindi [<=60] p = 0.096042Age-dependent trend: No detectable trend: [<=60] p = 0.03175616 9 [>60] p = 0.54799 |FC|<2 or adjPval>0.01 [>60] p = 2.6683e-06 |FC|>2 and adjPval<0.01 [All] p = 0.021751[All] p = 1.3847e - 114 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10  $\infty$  $\infty$ 9 9

20

40

60

Age at diagnosis

80

100

20

40

60

Age at diagnosis

80

100

iClust 9: N = 146 CK5|ILMN\_1801632 iClust 10: N = 226 CK5|ILMN\_1801632

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

