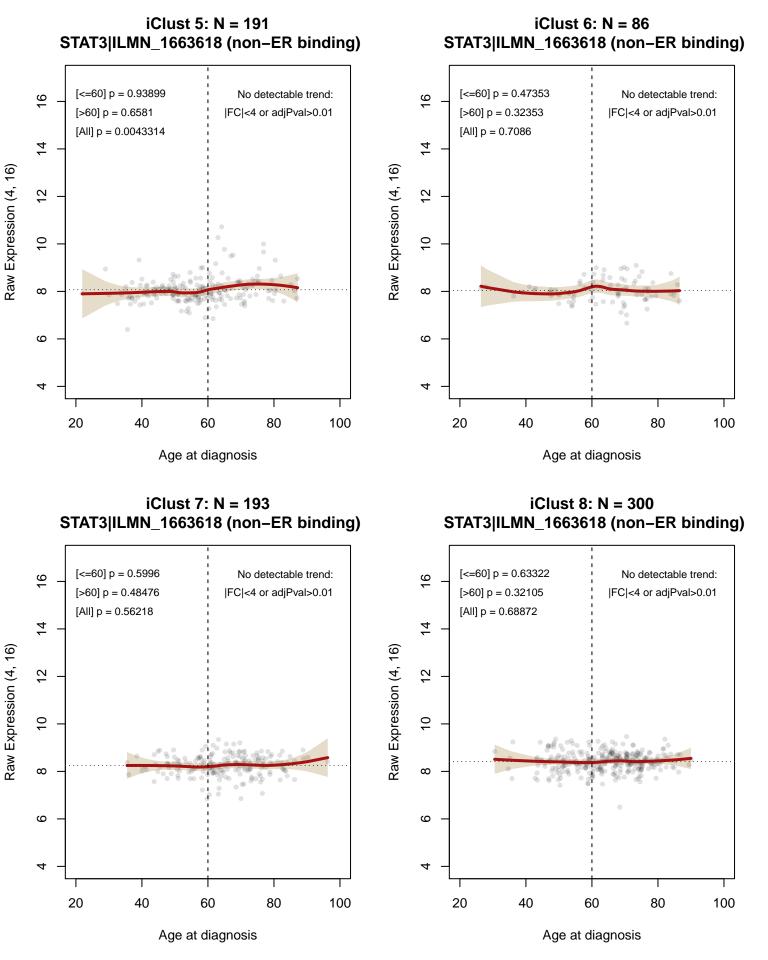
iClust 1: N = 140 iClust 2: N = 72 STAT3|ILMN\_1663618 (non-ER binding) STAT3|ILMN\_1663618 (non-ER binding) [<=60] p = 0.027536No detectable trend: [<=60] p = 0.56298No detectable trend: 16 16 [>60] p = 0.10085 [>60] p = 0.3542 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.00015199[AII] p = 0.650854 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10  $\infty$ 9 9 20 40 60 80 100 20 40 60 80 100 Age at diagnosis Age at diagnosis iClust 3: N = 294 iClust 4: N = 344 STAT3|ILMN\_1663618 (non-ER binding) STAT3|ILMN\_1663618 (non-ER binding) [<=60] p = 0.86798No detectable trend: [<=60] p = 0.57045No detectable trend: 16 16 [>60] p = 0.62333 |FC|<4 or adjPval>0.01 [>60] p = 0.071664 |FC|<4 or adjPval>0.01 [AII] p = 0.98926[AII] p = 0.0252994 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10  $\infty$ 9 9 20 40 60 80 100 20 40 60 80 100 Age at diagnosis Age at diagnosis



iClust 9: N = 146 STAT3|ILMN\_1663618 (non-ER binding)

iClust 10: N = 226 STAT3|ILMN\_1663618 (non-ER binding)

