

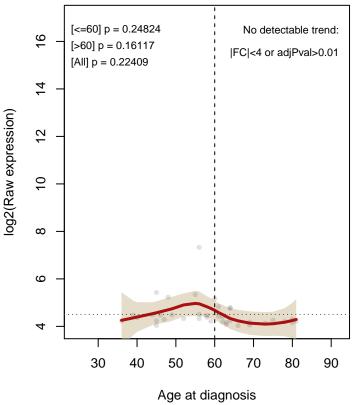
#### **ARNT (ER binding)** ASH2L (non-ER binding) [<=60] p = 0.17261 No detectable trend: [<=60] p = 0.71046No detectable trend: 16 16 [>60] p = 0.41408 [>60] p = 0.20504 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [All] p = 0.59643[All] p = 0.676664 4 log2(Raw expression) log2(Raw expression) 12 12 10 10 ω ω 9 9 30 40 50 60 70 80 90 30 40 50 60 70 80 90 Age at diagnosis Age at diagnosis **ASXL1** (non-ER binding) ASXL2 (non-ER binding) [<=60] p = 0.07011 No detectable trend: [<=60] p = 0.26916No detectable trend: 16 16 [>60] p = 0.60165 [>60] p = 0.09766 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.020406[All] p = 0.0322624 4 log2(Raw expression) log2(Raw expression) 12 12 19 10 ω ω 9 9 30 40 50 60 70 80 90 30 40 50 60 70 80 90

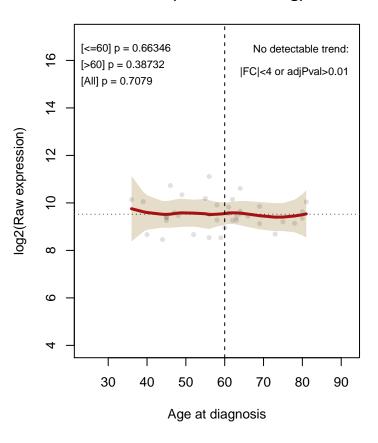
Age at diagnosis

Age at diagnosis



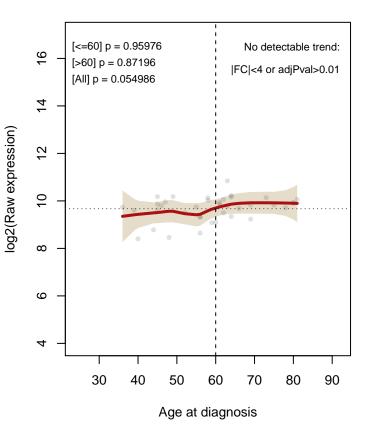
#### ATM (non-ER binding)

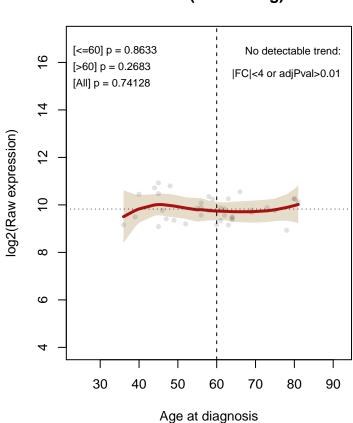




ATR (non-ER binding)

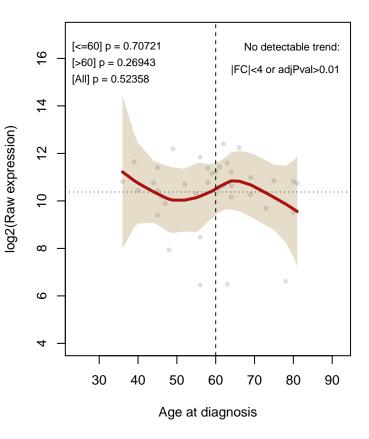
**AXIN1 (ER binding)** 

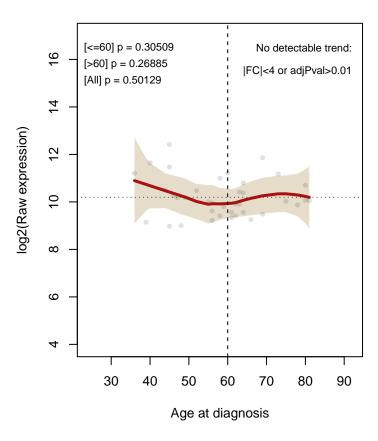






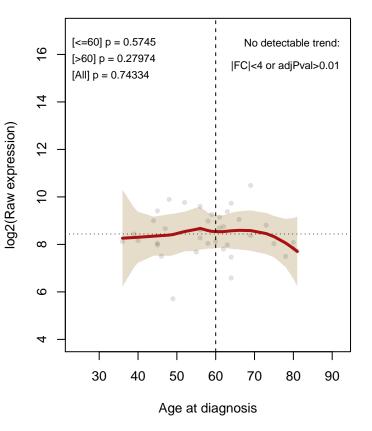
#### BCL3 (non-ER binding)

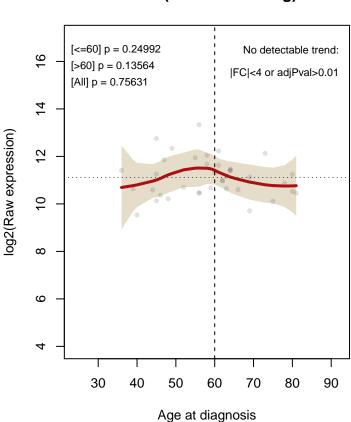




**BIRC5** (non-ER binding)

**BMI1 (non-ER binding)** 





#### BMX (non-ER binding) **BRCA1** (non-ER binding) [<=60] p = 0.49465No detectable trend: [<=60] p = 0.16945No detectable trend: 16 16 [>60] p = 0.19758 [>60] p = 0.04659 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.3589[All] p = 0.608774 4 log2(Raw expression) log2(Raw expression) 12 12 10 10 $\infty$ $\infty$ 9 9 30 40 50 60 70 80 90 30 40 50 60 70 80 90 Age at diagnosis Age at diagnosis CA9 (non-ER binding) **CBX1** (non-ER binding) [<=60] p = 0.33664No detectable trend: [<=60] p = 0.68954No detectable trend: 16 16 [>60] p = 0.1574 [>60] p = 0.31832 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.027046[AII] p = 0.97584 4 log2(Raw expression) log2(Raw expression) 12 12 10 10 ω $\infty$ 9 9

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Age at diagnosis

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Age at diagnosis

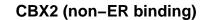
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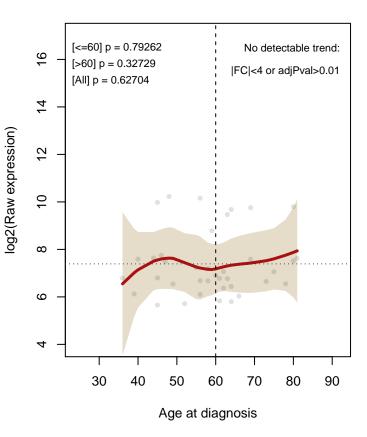
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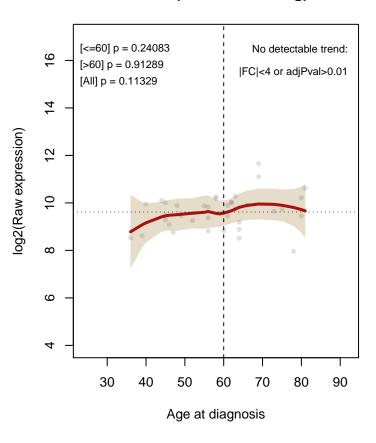
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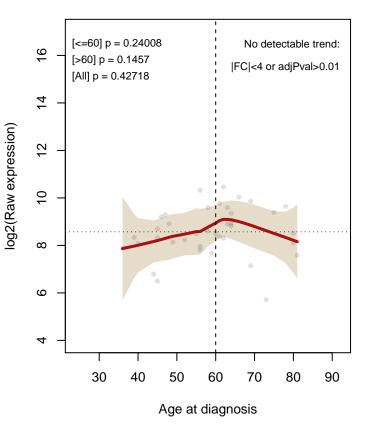
#### CBX4 (non-ER binding)

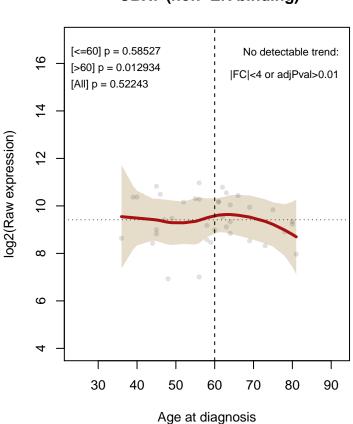




## **CBX6** (non-ER binding)

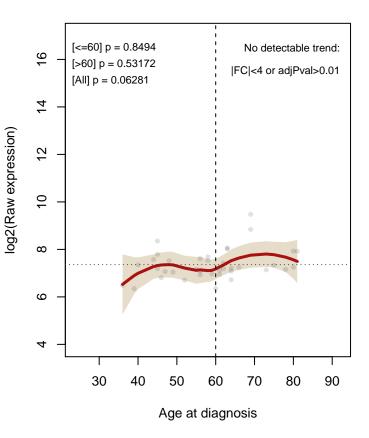
**CBX7 (non-ER binding)** 

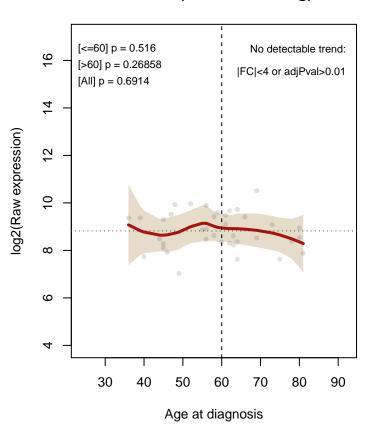






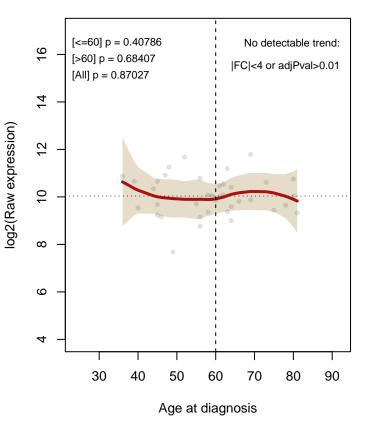
#### CCNA2 (non-ER binding)

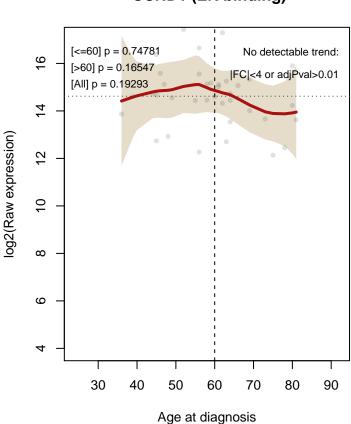


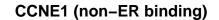


## CCNB1 (non-ER binding)

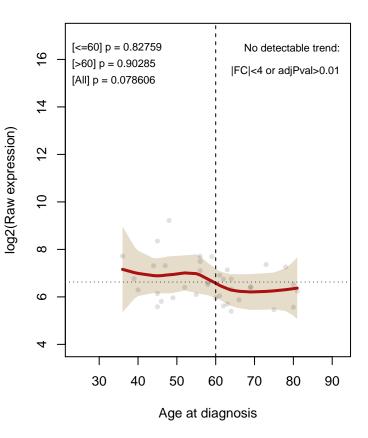
#### **CCND1 (ER binding)**

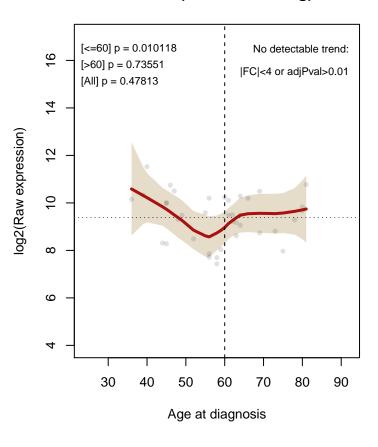






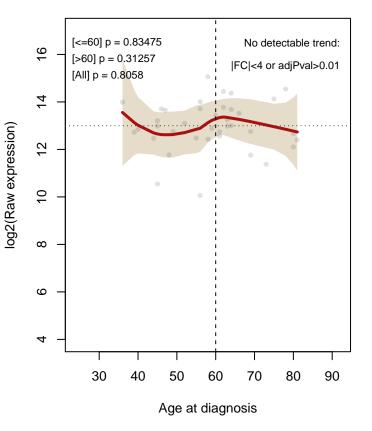
#### CD163 (non-ER binding)

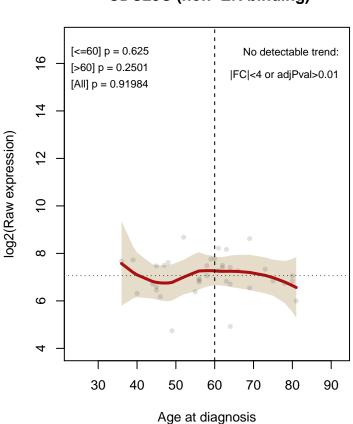




## CD44 (non-ER binding)

#### CDC25C (non-ER binding)





#### CDH1 (non-ER binding) CDH3 (ER binding) [<=60] p = 0.49491No detectable trend: [<=60] p = 0.28692No detectable trend: 16 16 [>60] p = 0.57918 [>60] p = 0.86282 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [All] p = 0.063768[All] p = 0.125564 4 log2(Raw expression) log2(Raw expression) 12 12 10 10 ω $\infty$ 9 9 30 40 50 60 70 80 90 30 40 50 60 70 80 90 Age at diagnosis Age at diagnosis CDK1 (non-ER binding) CDK2 (non-ER binding) [<=60] p = 0.4043No detectable trend: [<=60] p = 0.066856No detectable trend: 16 16 [>60] p = 0.045925 [>60] p = 0.14154 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [All] p = 0.6235[AII] p = 0.990064 4 log2(Raw expression) log2(Raw expression) 12 12 19 10 ω ω 9 9

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Age at diagnosis

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Age at diagnosis

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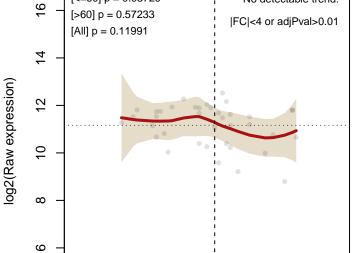
#### CDK4 (non-ER binding) CDK6 (ER binding) [<=60] p = 0.34724No detectable trend: [<=60] p = 0.41638No detectable trend: 16 16 [>60] p = 0.47007 [>60] p = 0.70347 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.10025[All] p = 0.475894 4 log2(Raw expression) log2(Raw expression) 12 12 10 10 $\infty$ $\infty$ 9 9 30 40 50 60 70 80 90 30 40 50 60 70 80 90 Age at diagnosis Age at diagnosis CDK7 (non-ER binding) CDKN1A (non-ER binding) [<=60] p = 0.048205No detectable trend: [<=60] p = 0.039124 No detectable trend: 16 16 [>60] p = 0.60933[>60] p = 0.82404 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.73768[All] p = 0.956434 4 log2(Raw expression) log2(Raw expression) 12 12 10 10 ω $\infty$ 9 9 30 40 50 60 70 80 90 30 40 50 60 70 80 90

Age at diagnosis

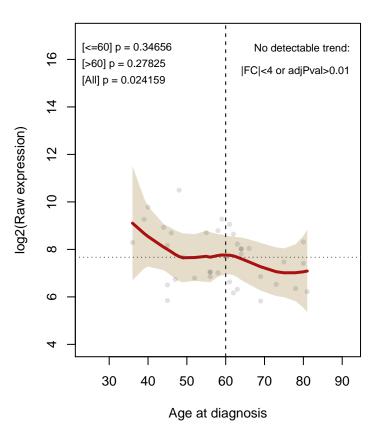
Age at diagnosis

#### CDKN1B (non-ER binding)

## [<=60] p = 0.93729 No detectable trend:



#### CDKN1C (non-ER binding)



#### CDKN2A (non-ER binding)

Age at diagnosis

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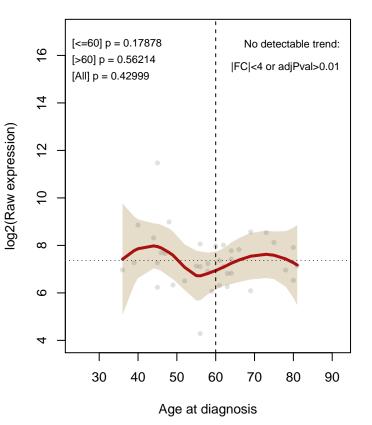
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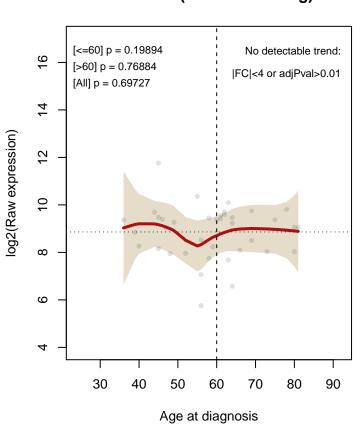
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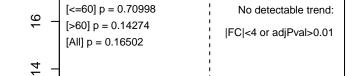
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## CDKN2B (non-ER binding)



#### CDKN2C (non-ER binding)

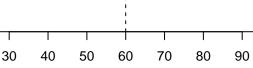




# $\infty$

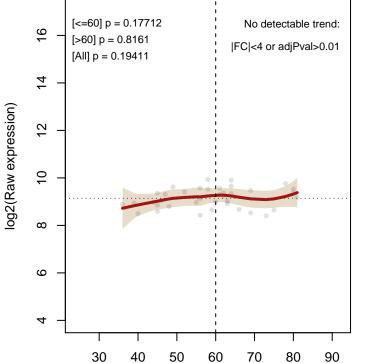
log2(Raw expression)

9



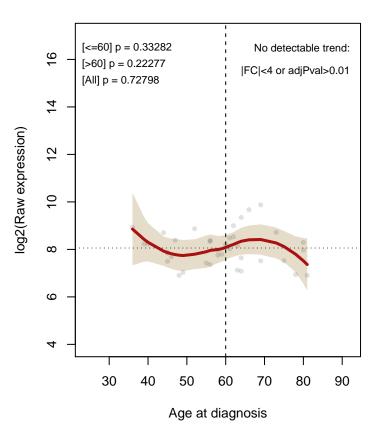
## CHUK (non-ER binding)

Age at diagnosis

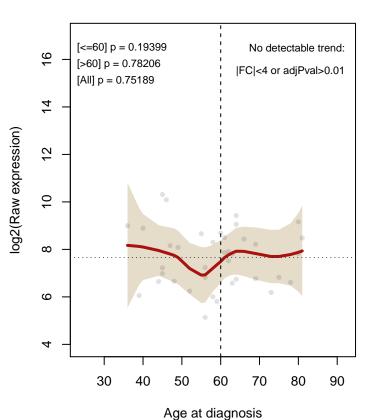


Age at diagnosis

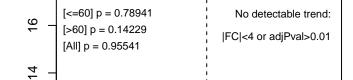
#### CDKN2D (non-ER binding)

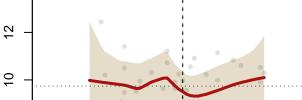


#### CIITA (non-ER binding)



#### CLDN3 (non-ER binding)

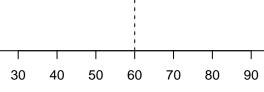




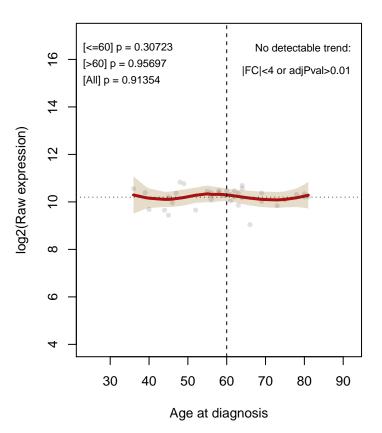
log2(Raw expression)

ω

9

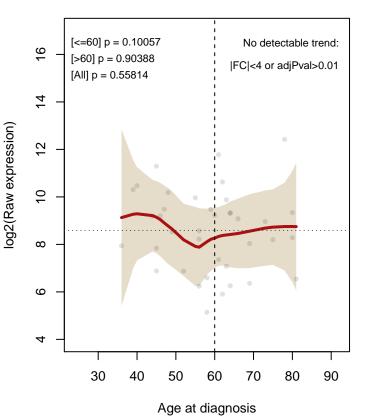


#### CREB1 (non-ER binding)

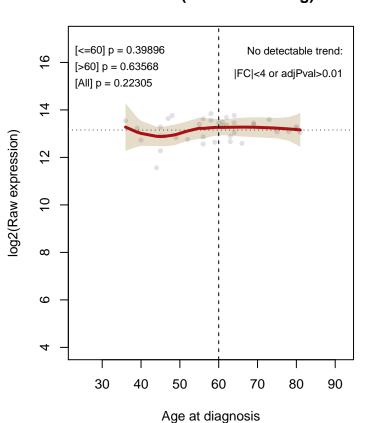


#### **CRYAB** (non-ER binding)

Age at diagnosis



## CTNNB1 (non-ER binding)



#### **DLC1 (ER binding)** DMAP1 (non-ER binding) [<=60] p = 0.72135No detectable trend: [<=60] p = 0.74909No detectable trend: 16 16 [>60] p = 0.22298 [>60] p = 0.18199 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.038881[All] p = 0.461554 4 log2(Raw expression) log2(Raw expression) 12 12 10 10 ω ω 9 9 30 40 50 60 70 80 90 30 40 50 60 70 80 90 Age at diagnosis Age at diagnosis **DNMT1** (non-ER binding) **DNMT3A (non-ER binding)** [<=60] p = 0.11788No detectable trend: [<=60] p = 0.67542No detectable trend: 16 16 [>60] p = 0.77413 [>60] p = 0.38655 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [All] p = 0.92136[AII] p = 0.566054 4 log2(Raw expression) log2(Raw expression) 12 12 10 10 ω ω 9 9

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Age at diagnosis

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Age at diagnosis

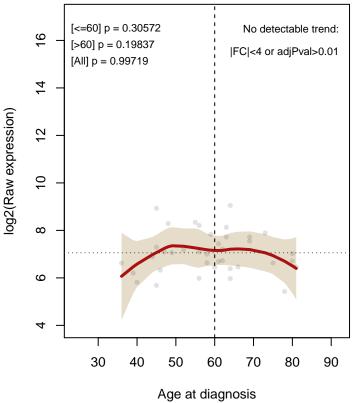
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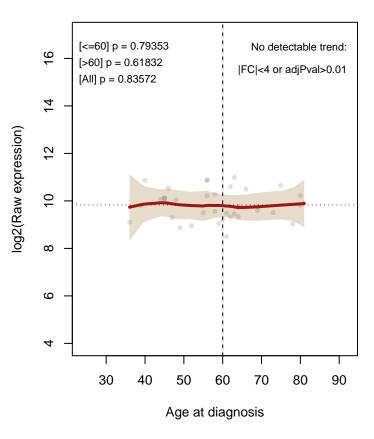
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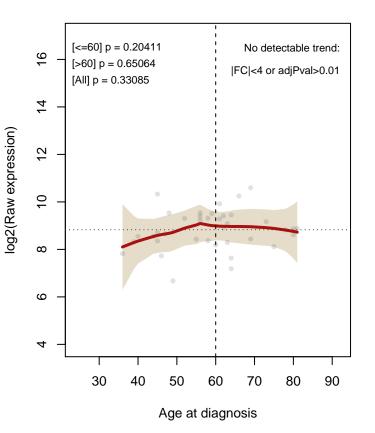
#### **DVL1 (non-ER binding)**

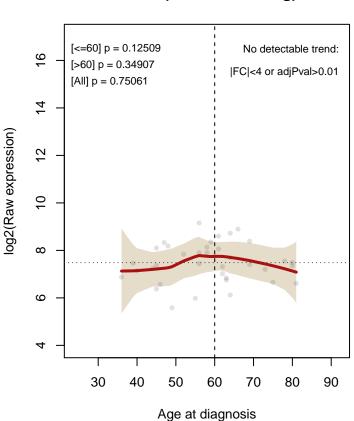


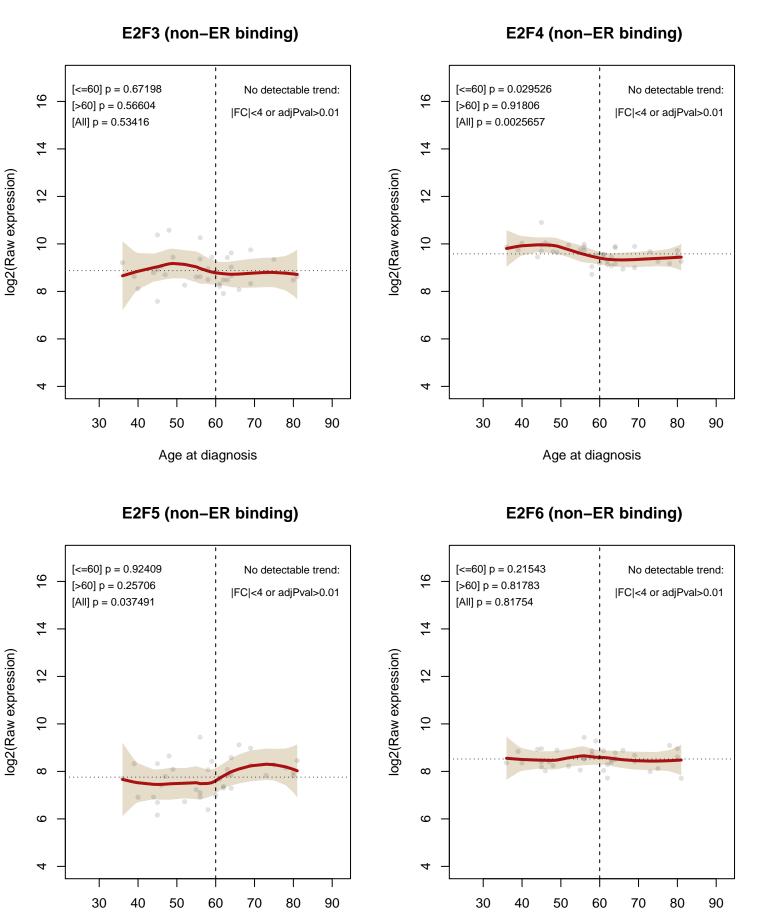


E2F1 (non-ER binding)

E2F2 (non-ER binding)

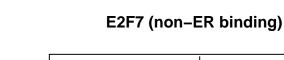




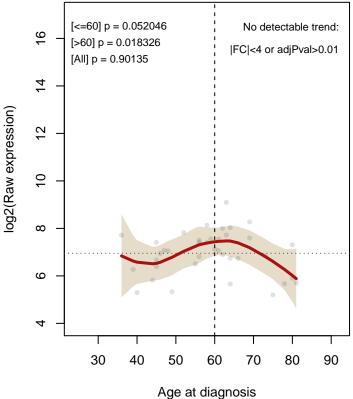


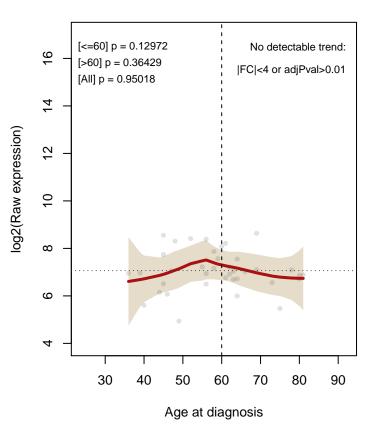
Age at diagnosis

Age at diagnosis



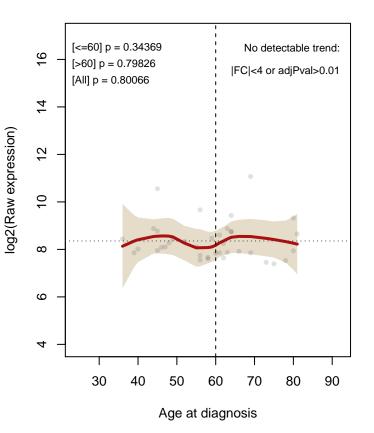
#### E2F8 (non-ER binding)

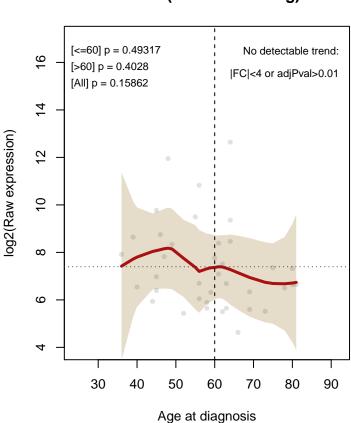


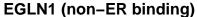


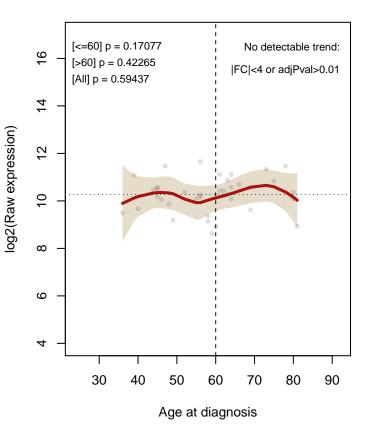
## EED (non-ER binding)

EGFR (non-ER binding)





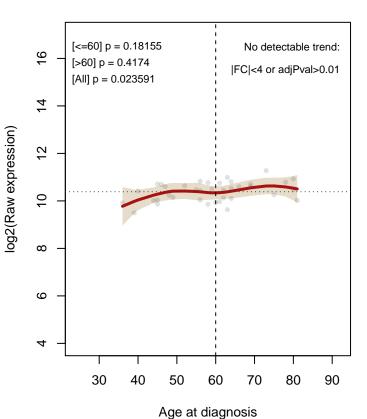




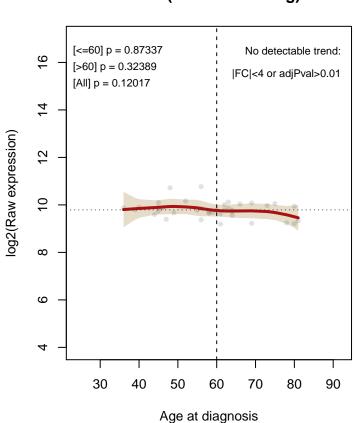
## [<=60] p = 0.64548No detectable trend: 16 [>60] p = 0.60783 |FC|<4 or adjPval>0.01 [All] p = 0.444994 log2(Raw expression) 12 10 $\infty$ 9 30 40 50 60 70 80 90 Age at diagnosis

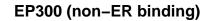
**EHMT2** (non-ER binding)

#### **ELAC2** (non-ER binding)

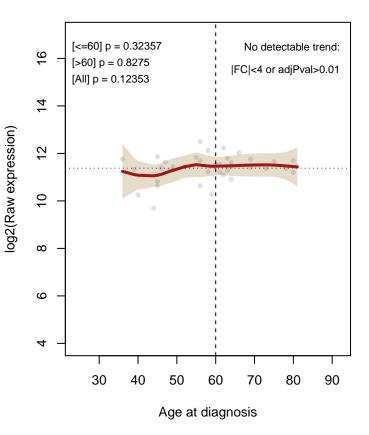


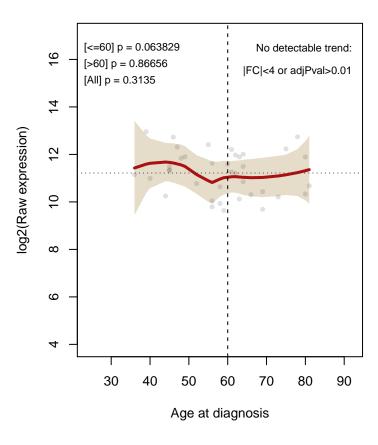
## **ELK1 (non-ER binding)**





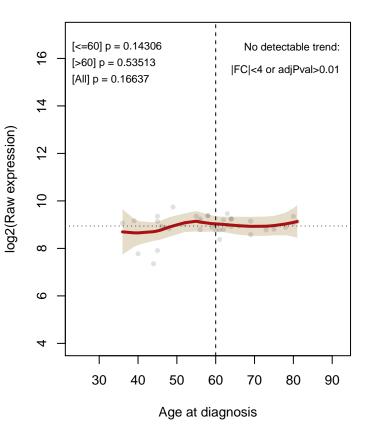
#### **EPAS1** (non-ER binding)

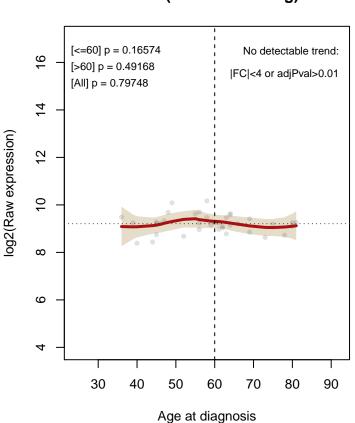




## **EPC1 (non-ER binding)**

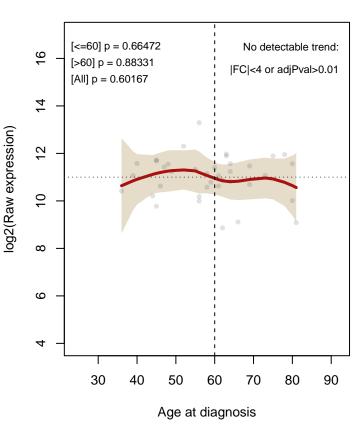
**EPC2** (non-ER binding)

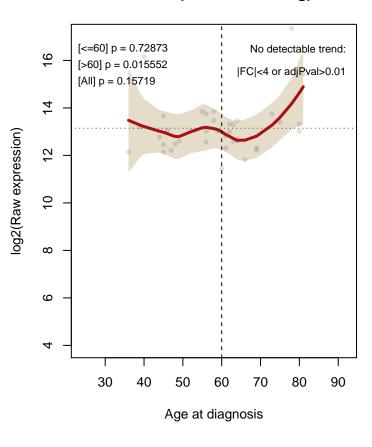






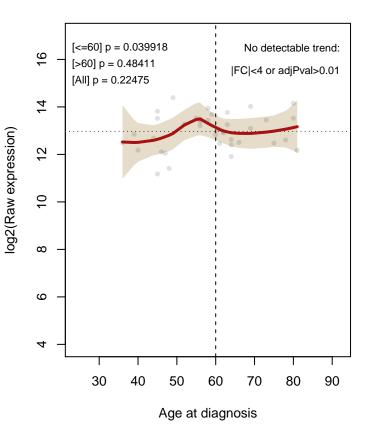
#### ERBB2 (non-ER binding)

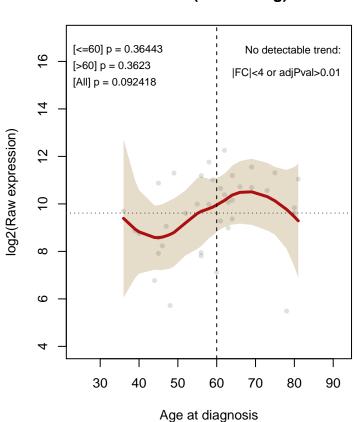


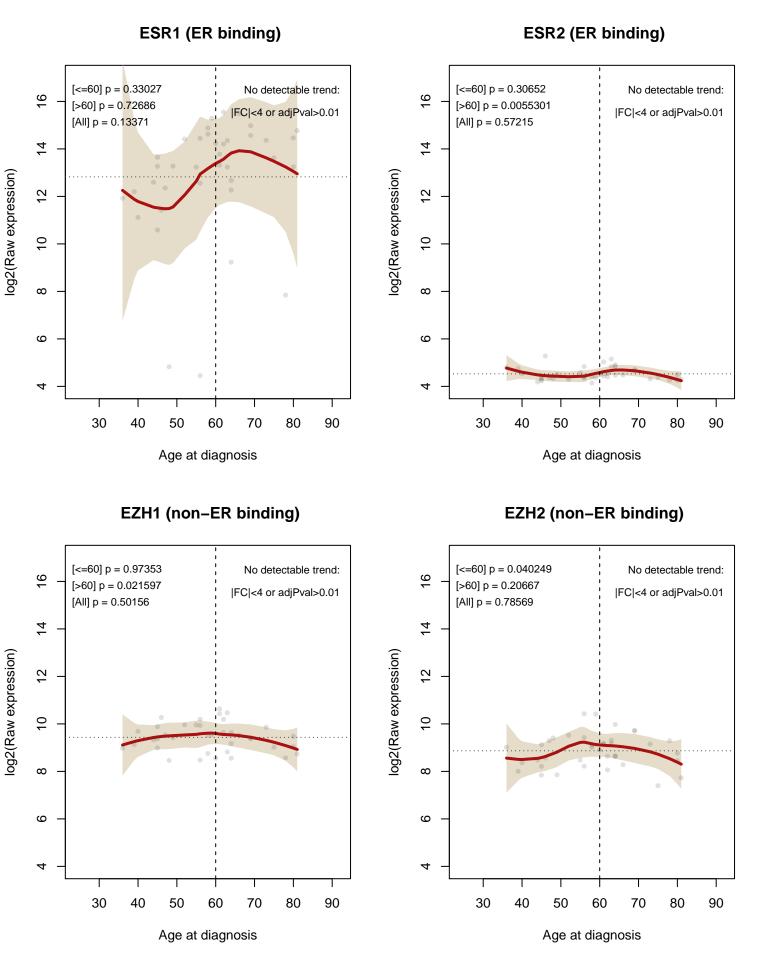


#### **ERBB3** (non-ER binding)

**ERBB4 (ER binding)** 

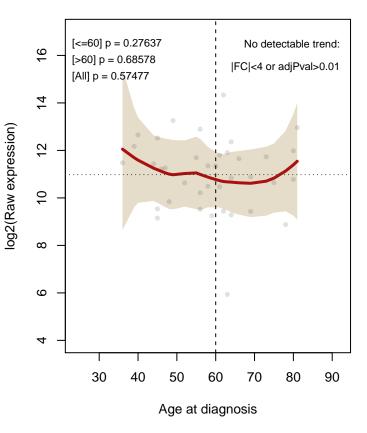


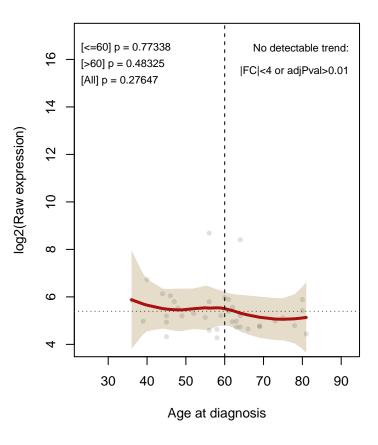






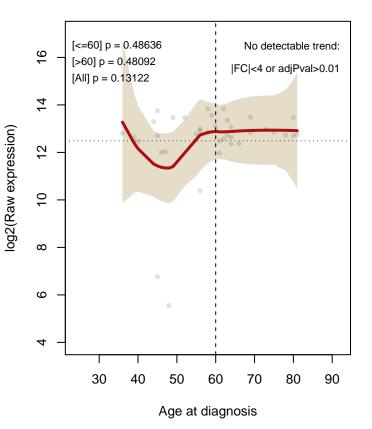
#### FOSL1 (non-ER binding)

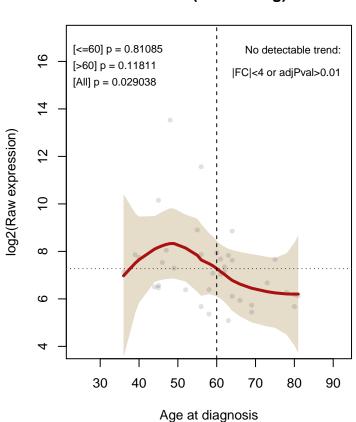




#### FOXA1 (ER binding)

FOXC1 (ER binding)





#### **GATA3** (non-ER binding) **GATA4 (ER binding)** [<=60] p = 0.65876No detectable trend: [<=60] p = 0.21257No detectable trend: 16 16 [>60] p = 0.29451[>60] p = 0.52632 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [All] p = 0.95272[All] p = 0.135674 4 log2(Raw expression) log2(Raw expression) 12 12 10 10 ω $\infty$ 9 9 30 40 50 60 70 80 90 30 40 50 60 70 80 90 Age at diagnosis Age at diagnosis GRB2 (non-ER binding) GSK3B (non-ER binding) [<=60] p = 0.85578No detectable trend: [<=60] p = 0.68119 No detectable trend: 16 16 [>60] p = 0.22908[>60] p = 0.75594 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [All] p = 0.64526[AII] p = 0.0300594 4 log2(Raw expression) log2(Raw expression) 12 12 10 10 ω $\infty$ 9 9

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Age at diagnosis

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Age at diagnosis

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#### H3F3A (non-ER binding) **HDAC1 (ER binding)** [<=60] p = 0.17458No detectable trend: [<=60] p = 0.8893No detectable trend: 16 16 [>60] p = 0.73867 [>60] p = 0.3475 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.26733[All] p = 0.154154 4 log2(Raw expression) log2(Raw expression) 12 12 10 10 ω $\infty$ 9 9 30 40 50 60 70 80 90 30 40 50 60 70 80 90 Age at diagnosis Age at diagnosis **HDAC2** (non-ER binding) **HES1 (non-ER binding)** [<=60] p = 0.5866No detectable trend: [<=60] p = 0.24749No detectable trend: 16 16 [>60] p = 0.42374 [>60] p = 0.098219 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [All] p = 0.70754[All] p = 0.138374 4 log2(Raw expression) log2(Raw expression) 12 12 10 10 ω $\infty$ 9 9

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Age at diagnosis

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Age at diagnosis

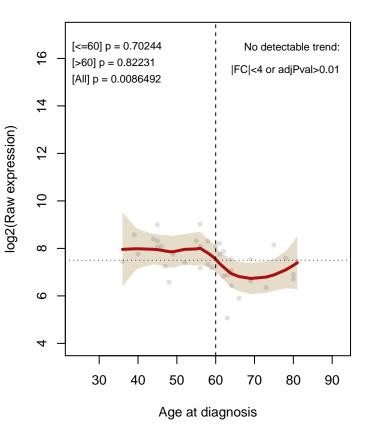
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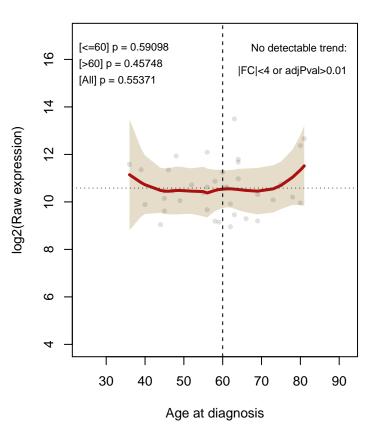
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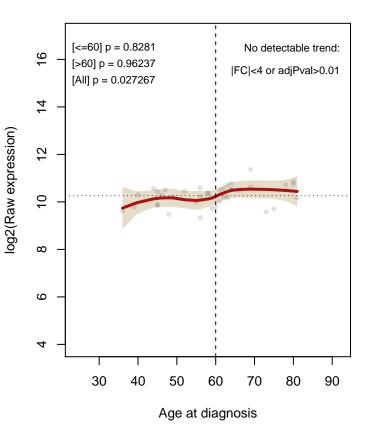
#### HIF1A (non-ER binding)

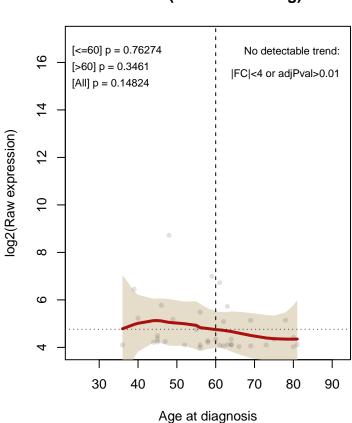




#### HIF1AN (non-ER binding)

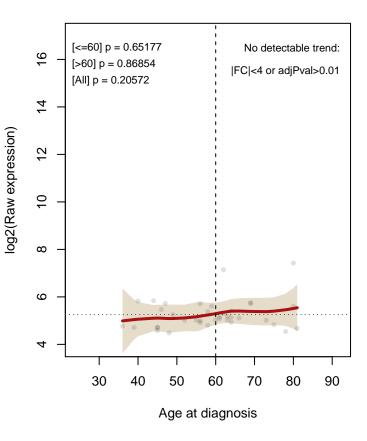
HIF3A (non-ER binding)

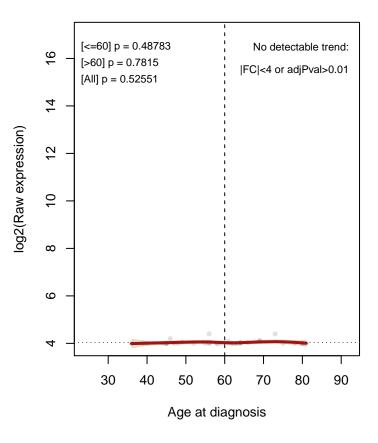




#### **HNF1A** (non-ER binding)

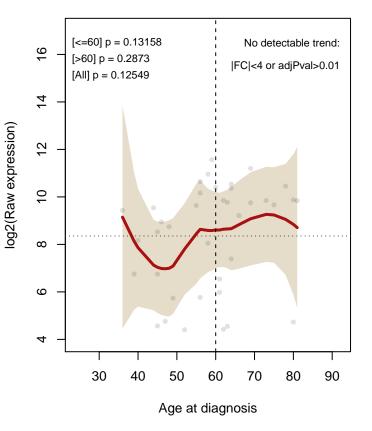
#### HNF1B (non-ER binding)

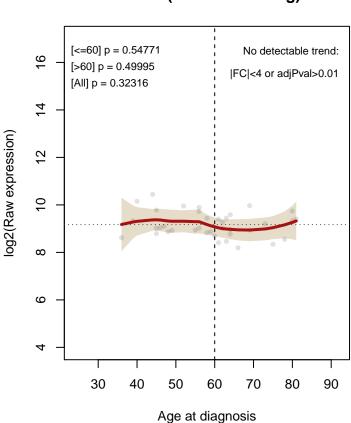


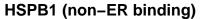


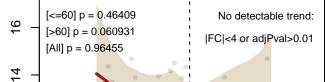
#### **HOXC10 (non-ER binding)**

HRAS (non-ER binding)











log2(Raw expression)

## ω 9

Age at diagnosis

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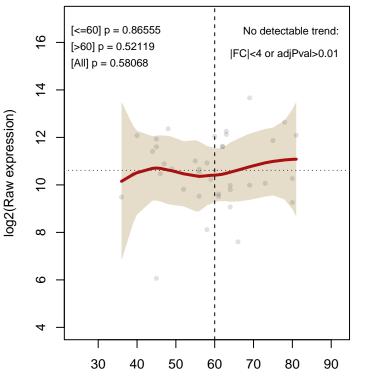
## IGFBP2 (non-ER binding)

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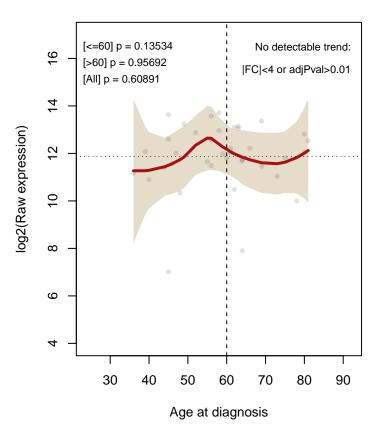
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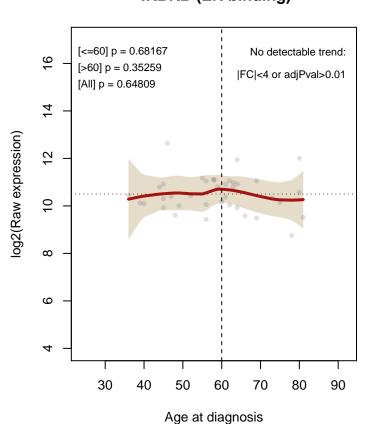


Age at diagnosis

#### IGF1R (ER binding)

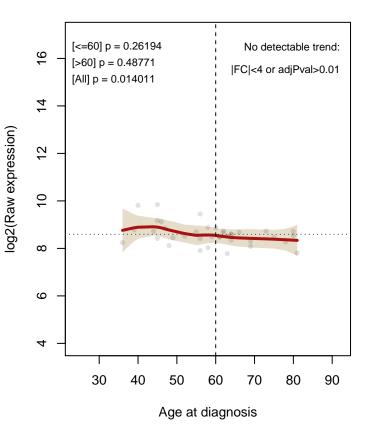


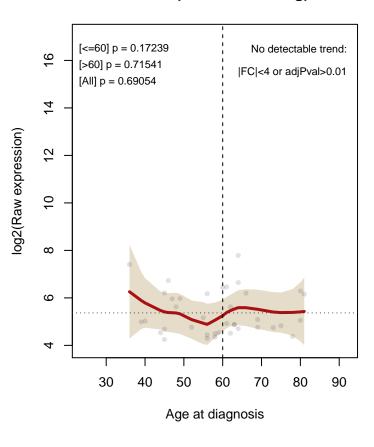
#### **IKBKB (ER binding)**





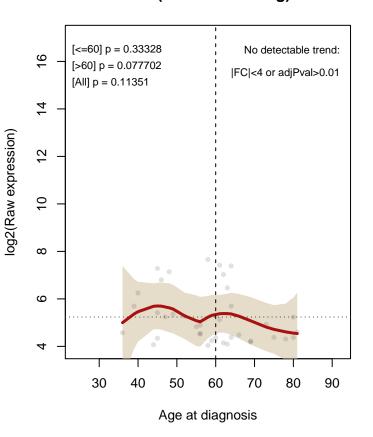
#### IL2RA (non-ER binding)

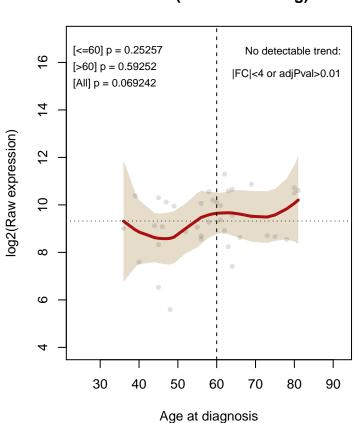


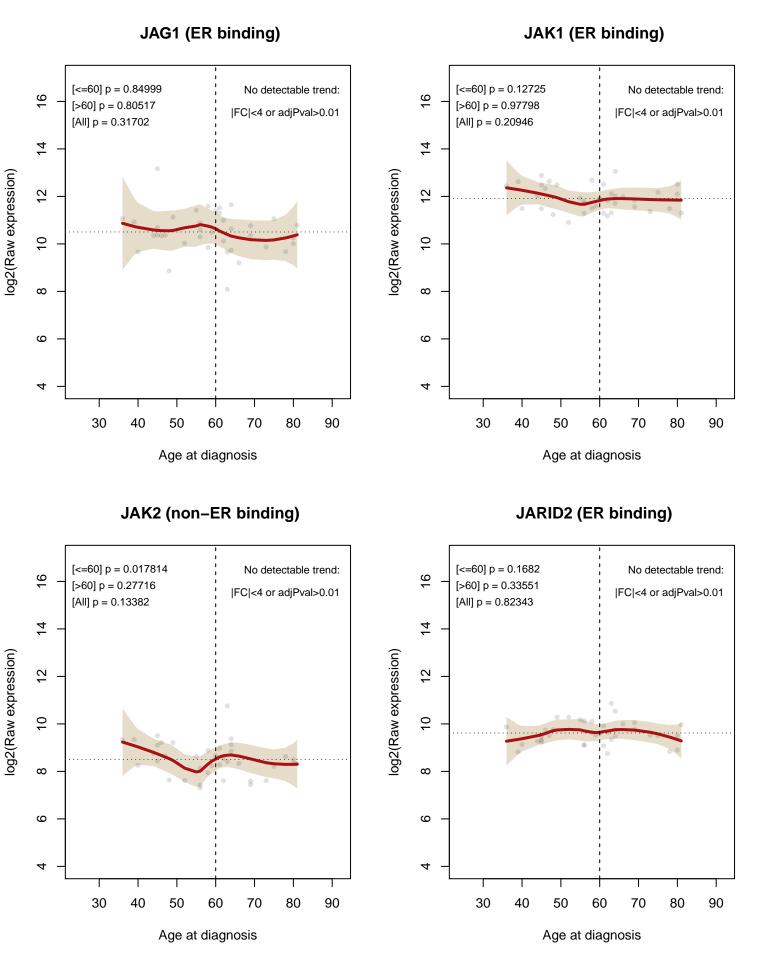


## IL6 (non-ER binding)

**INPP4B** (non-ER binding)

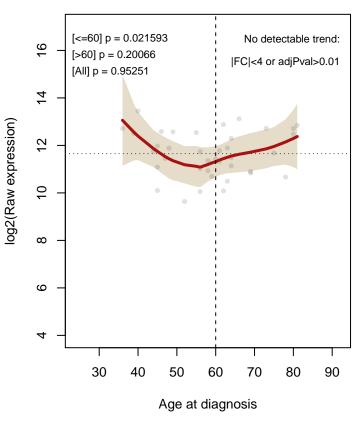


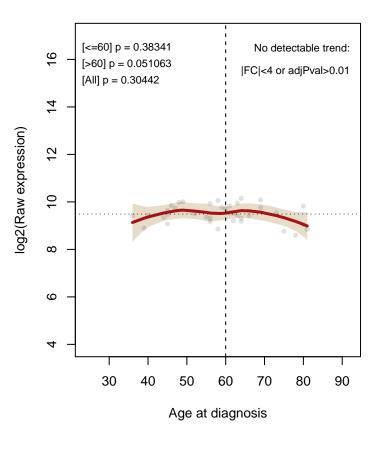






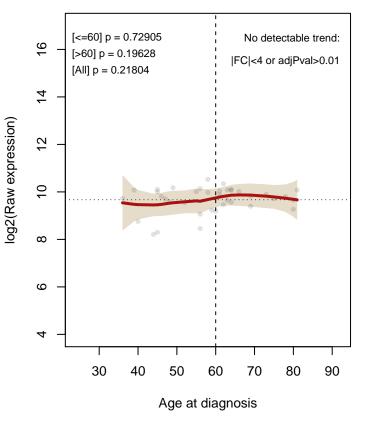
#### KDM2B (non-ER binding)

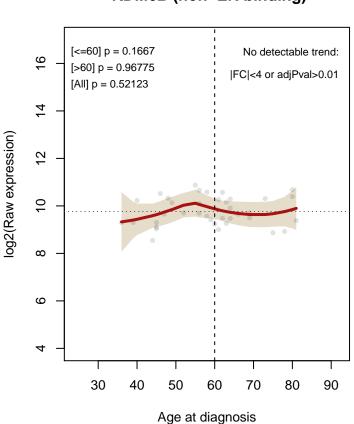




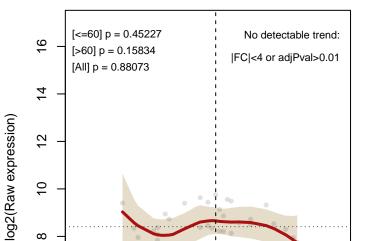
#### KDM6A (non-ER binding)

#### KDM6B (non-ER binding)



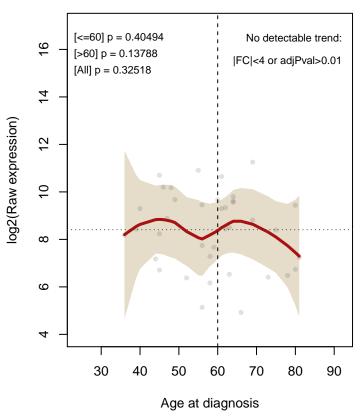






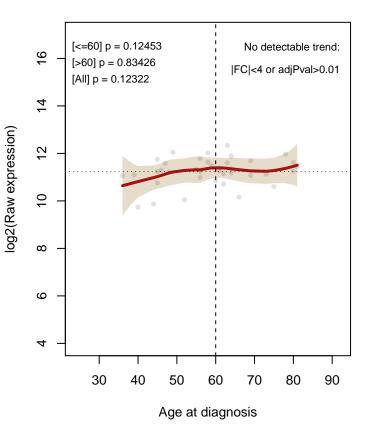
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KIT (non-ER binding)

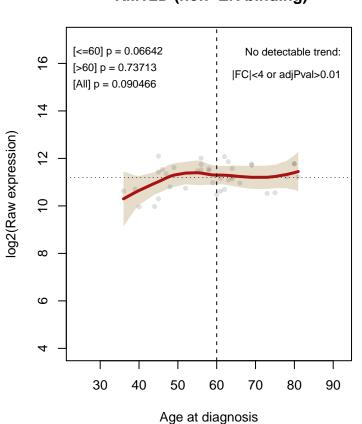


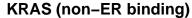
KMT2C (non-ER binding)

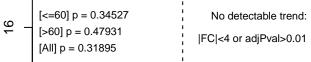
Age at diagnosis

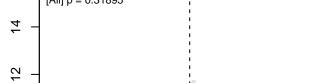


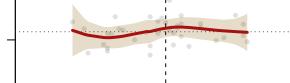
#### KMT2D (non-ER binding)



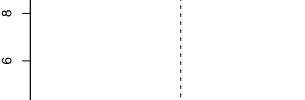






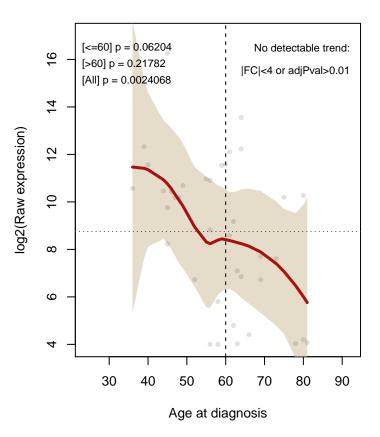


log2(Raw expression)

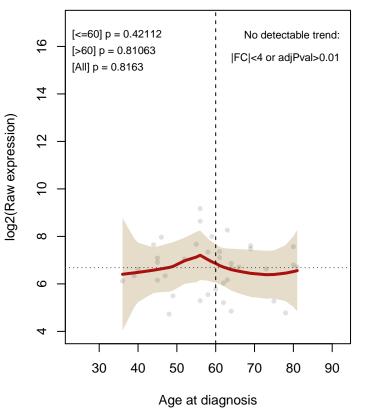


Age at diagnosis

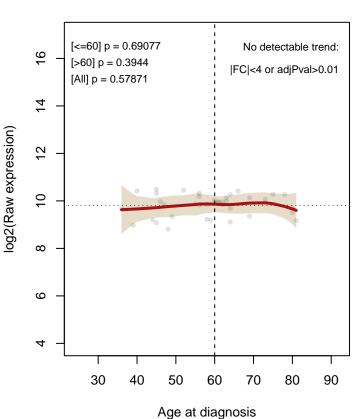
#### KRT5 (non-ER binding)



#### L3MBTL1 (non-ER binding)

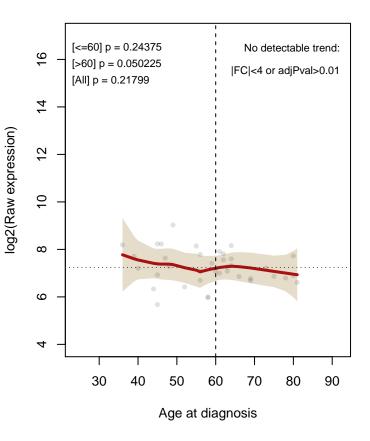


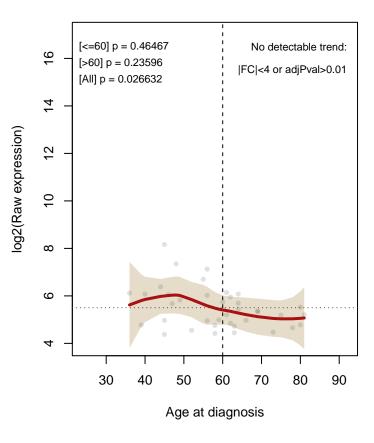
#### L3MBTL2 (non-ER binding)



#### L3MBTL3 (ER binding)

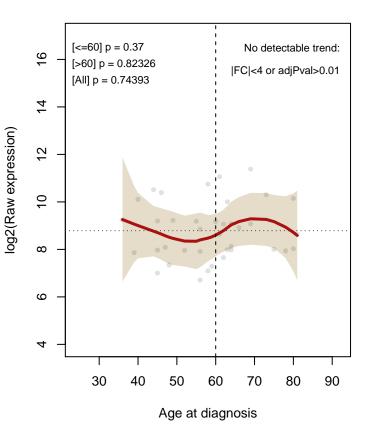
#### L3MBTL4 (non-ER binding)

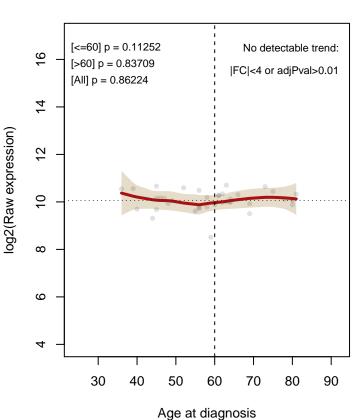




## LEF1 (non-ER binding)

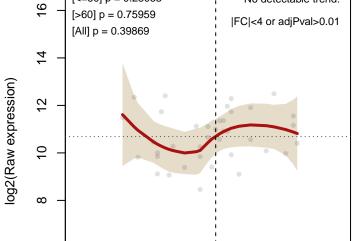
MAP2K1 (non-ER binding)





#### MAP3K1 (non-ER binding)

## [<=60] p = 0.28053 No detectable trend:



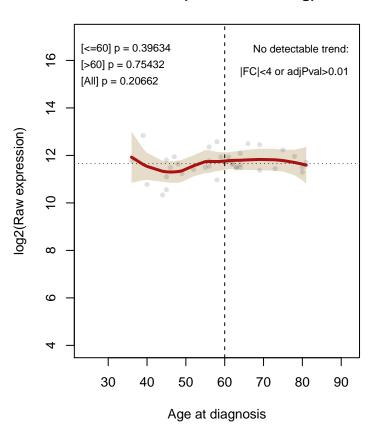
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#### MAPK1 (non-ER binding)



MAPK3 (non-ER binding)

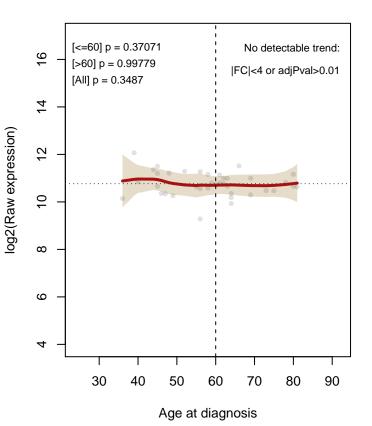
Age at diagnosis

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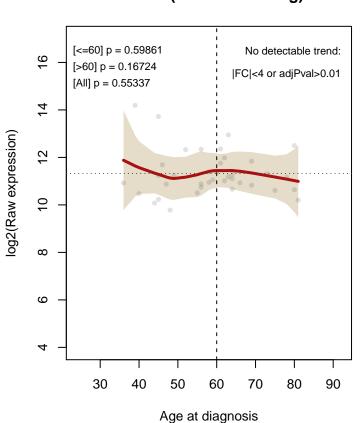
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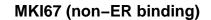
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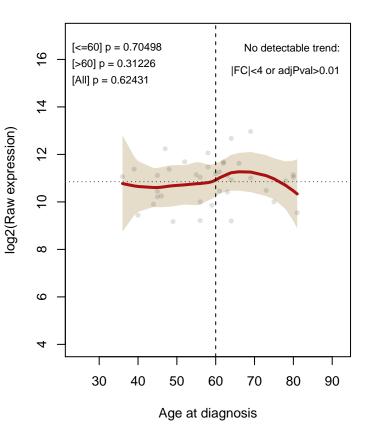


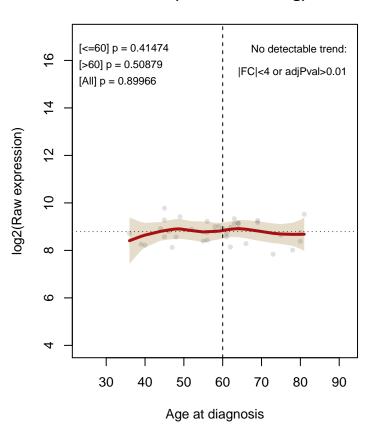
## MDM2 (non-ER binding)





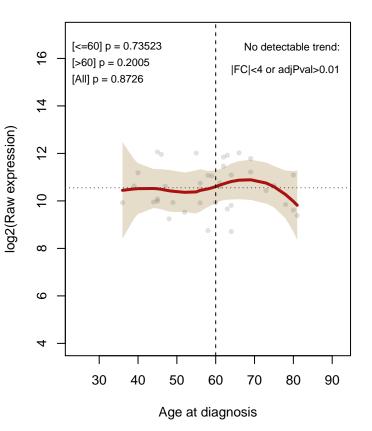
#### MTF2 (non-ER binding)

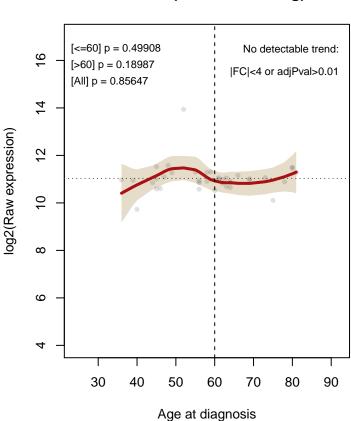


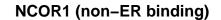


## MYC (non-ER binding)

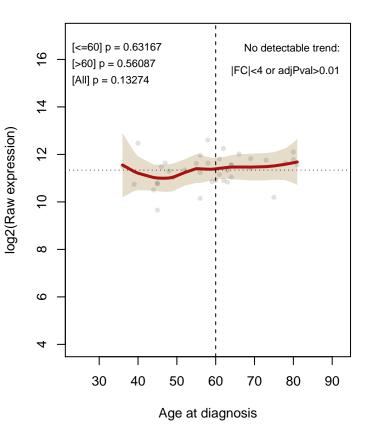
NCOA6 (non-ER binding)

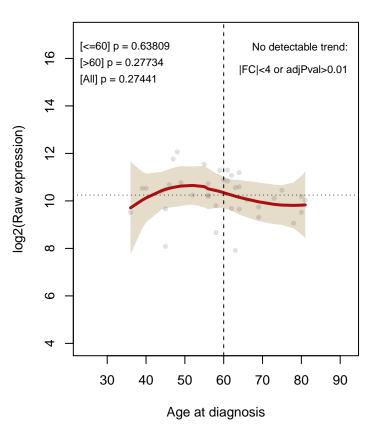






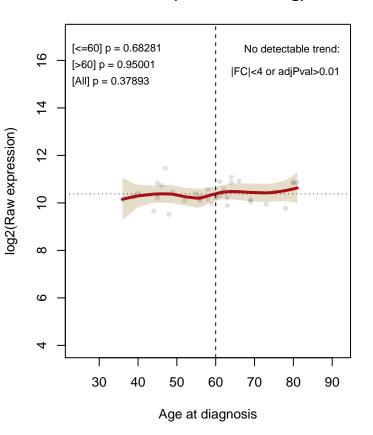
#### NES (non-ER binding)

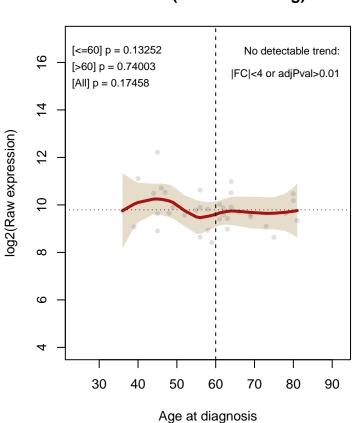




### NFKB1 (non-ER binding)

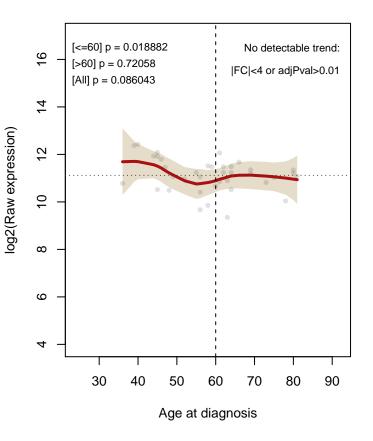
#### NFKB2 (non-ER binding)

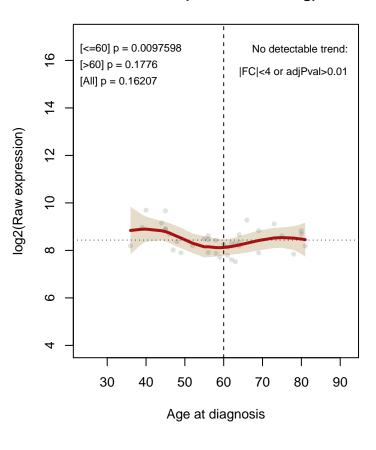




#### NFKBIA (non-ER binding)

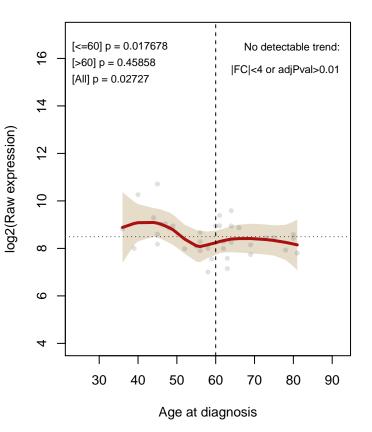
#### NFKBIB (non-ER binding)

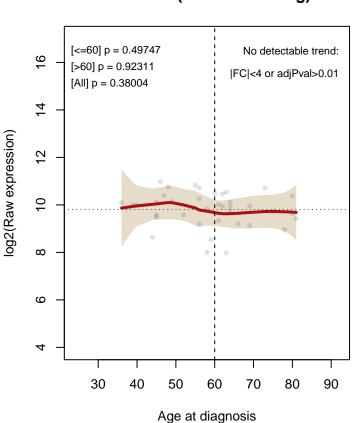




#### **NFKBIE** (non-ER binding)

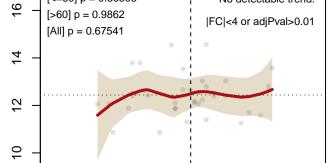
#### **NOTCH1** (non-ER binding)





#### NOTCH2 (non-ER binding)

## [<=60] p = 0.56598No detectable trend:



log2(Raw expression)

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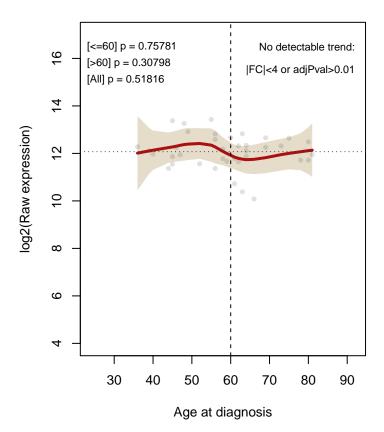
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#### NOTCH3 (non-ER binding)



NOTCH4 (non-ER binding)

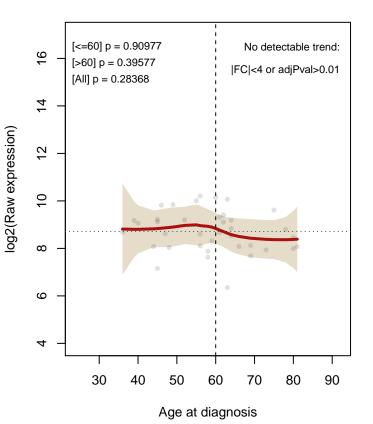
Age at diagnosis

60

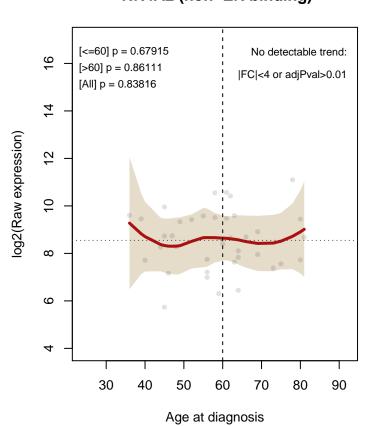
70

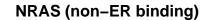
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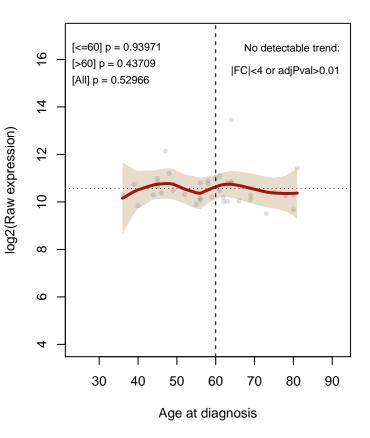


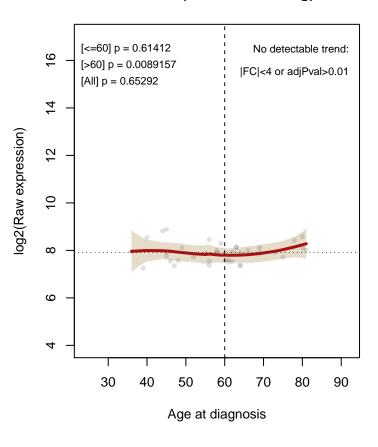
#### NR4A2 (non-ER binding)





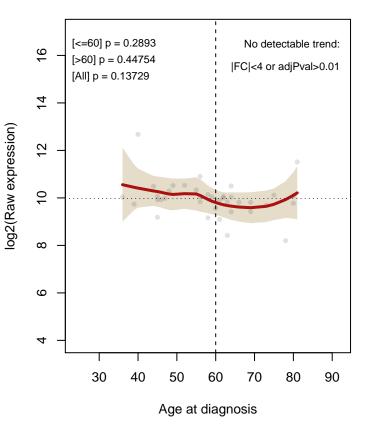
#### PCGF1 (non-ER binding)

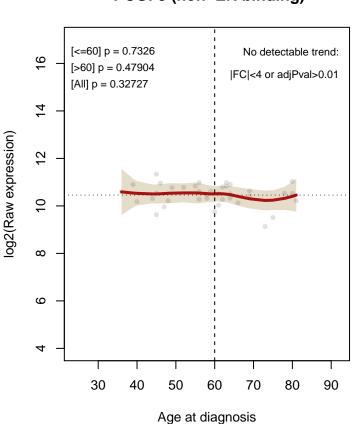




### PCGF2 (non-ER binding)

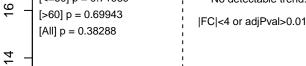
PCGF3 (non-ER binding)





#### PCGF5 (non-ER binding)

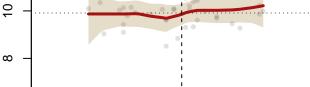
## [<=60] p = 0.71989No detectable trend:





log2(Raw expression)

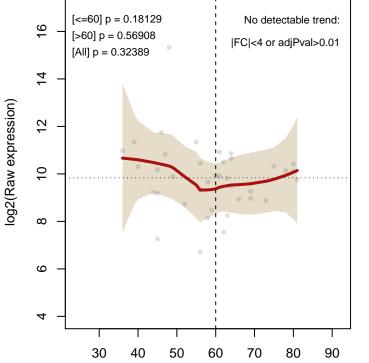
9



#### 30 40 50 60 70 80 90

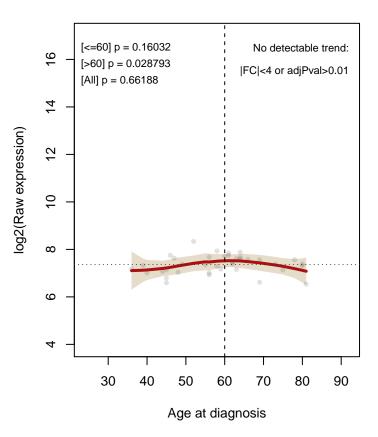
# PDGFRA (non-ER binding)

Age at diagnosis

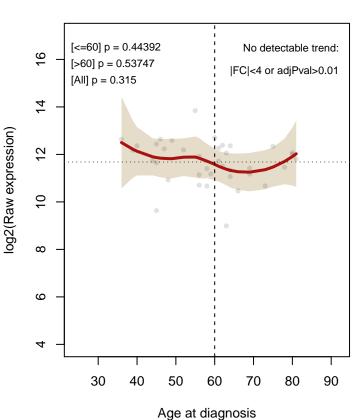


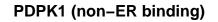
Age at diagnosis

#### PCGF6 (non-ER binding)

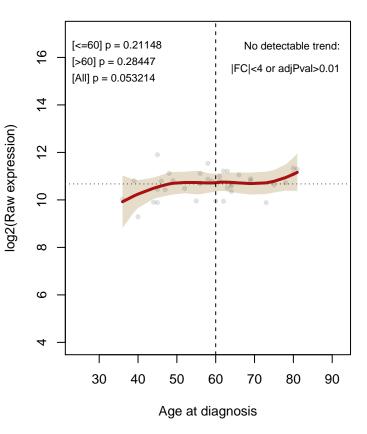


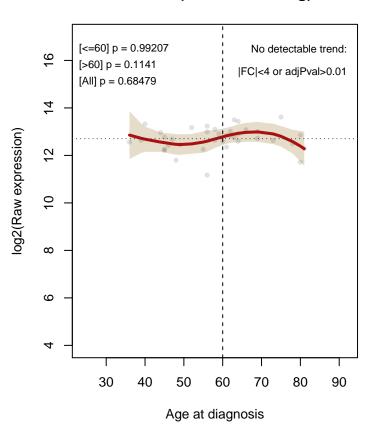
#### PDGFRB (non-ER binding)





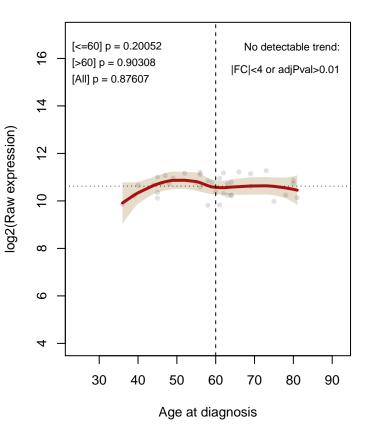
#### PEBP1 (non-ER binding)

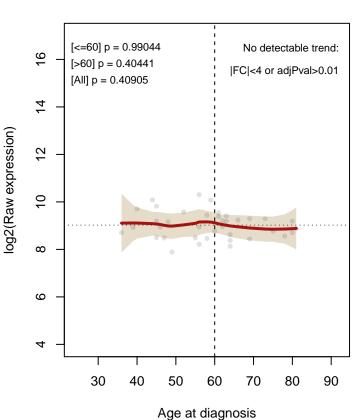


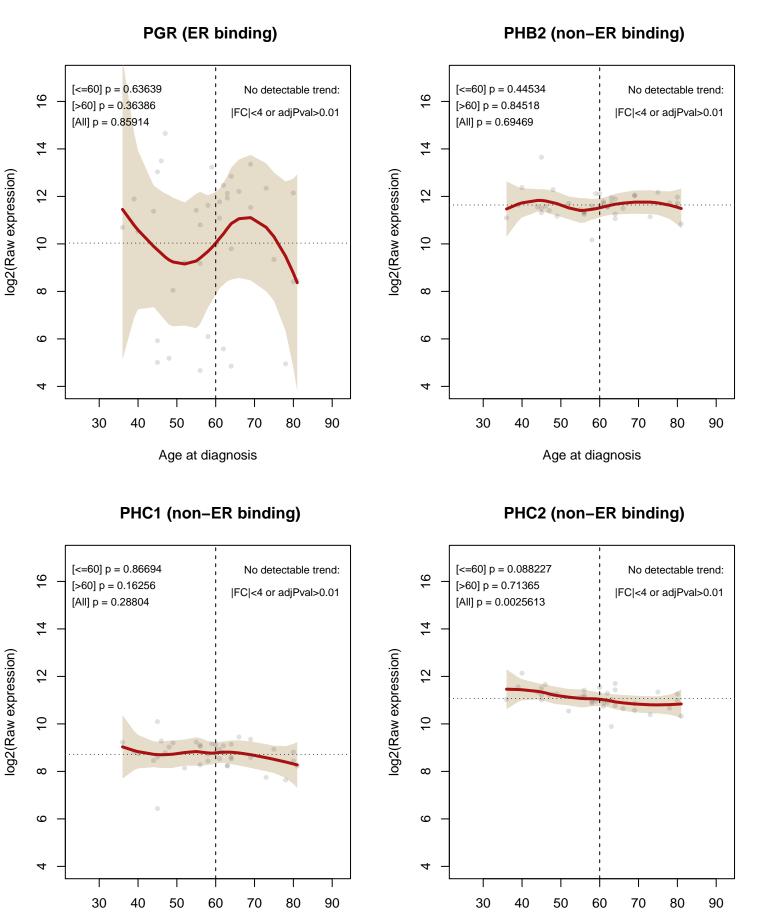


PELP1 (non-ER binding)

PGP (non-ER binding)







Age at diagnosis

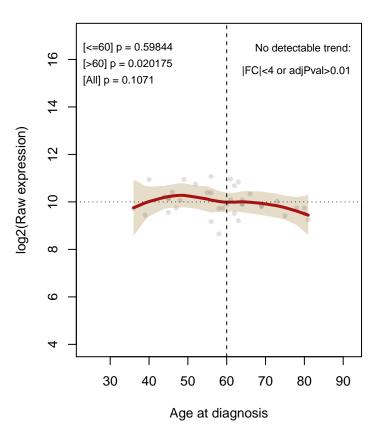
Age at diagnosis

## PHC3 (non-ER binding) [<=60] p = 0.31603No detectable trend: 16 [>60] p = 0.67805 |FC|<4 or adjPval>0.01 [All] p = 0.214094 log2(Raw expression) 12 10

ω

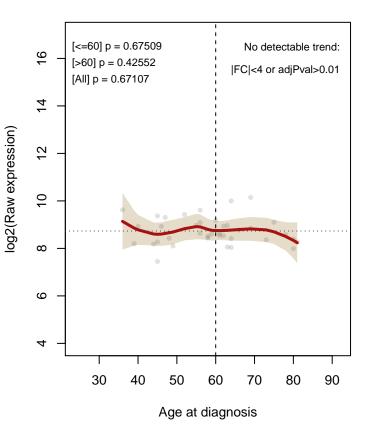
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#### PHF1 (non-ER binding)

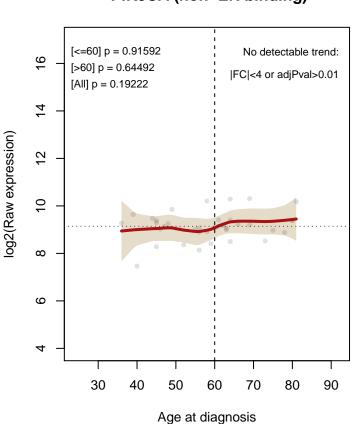


30 40 50 60 70 80 90 Age at diagnosis

#### PHF19 (non-ER binding)

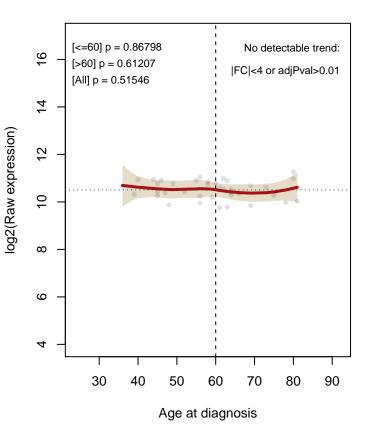


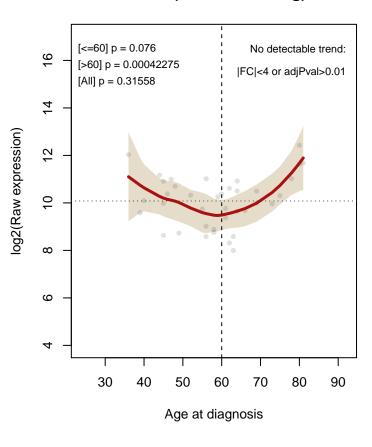
#### PIK3CA (non-ER binding)





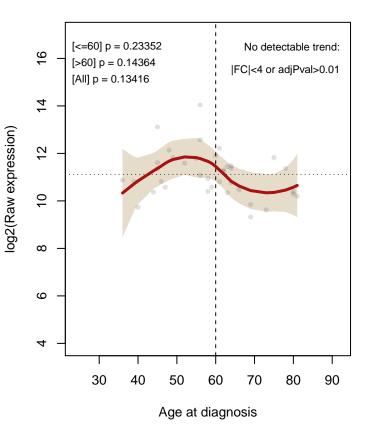
#### PLAU (non-ER binding)

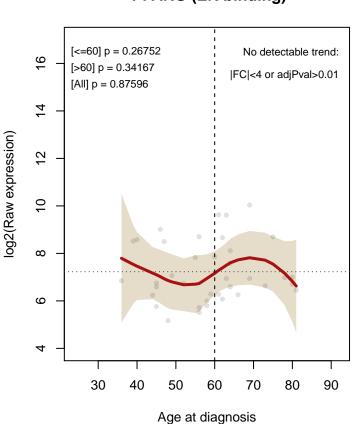


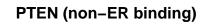


#### PODXL (non-ER binding)

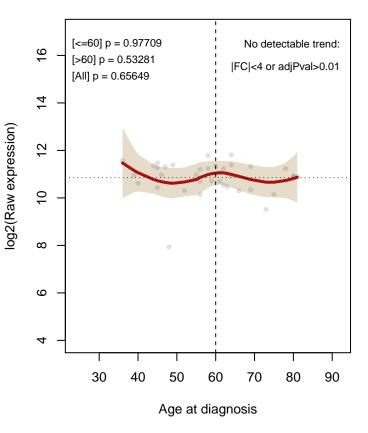
#### **PPARG (ER binding)**

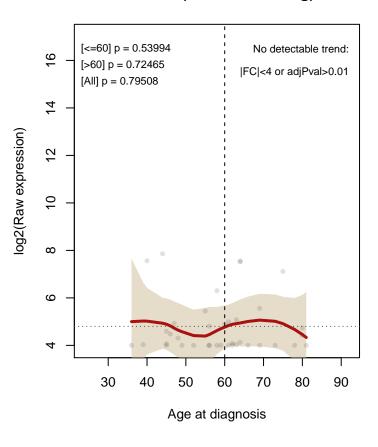






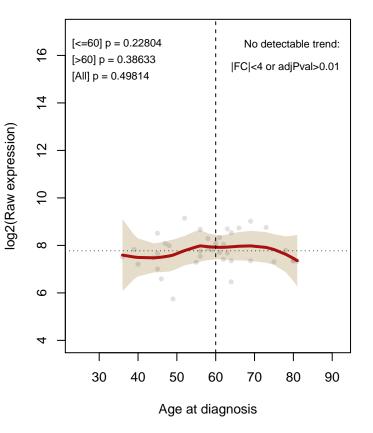
#### **PYDC1** (non-ER binding)

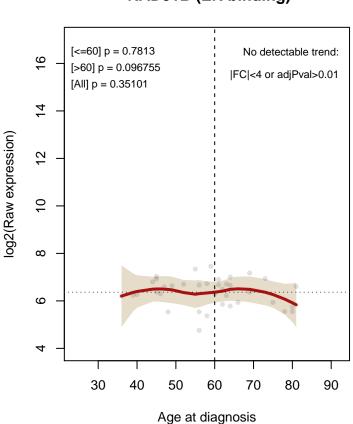




### RAD51 (non-ER binding)

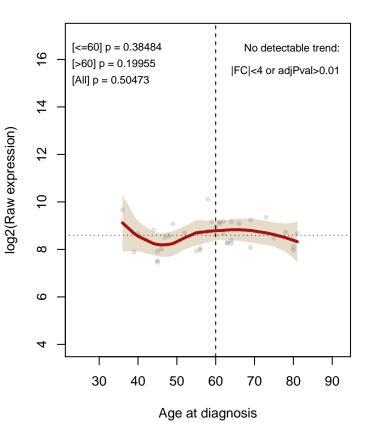
#### RAD51B (ER binding)

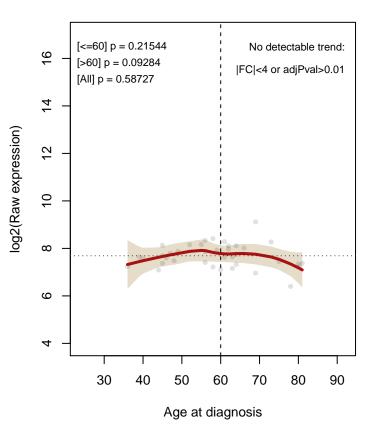




#### RAD51C (non-ER binding)

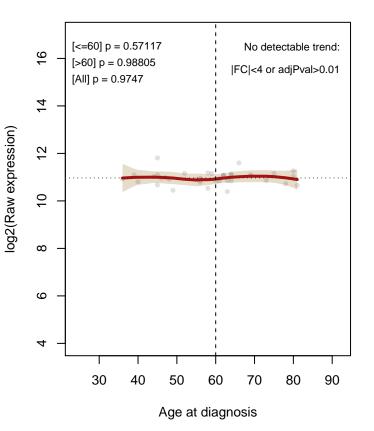
#### RAD51D (non-ER binding)

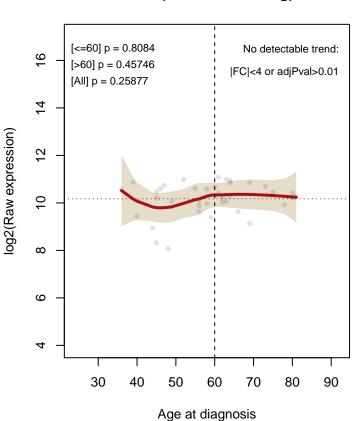


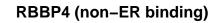


RAF1 (non-ER binding)

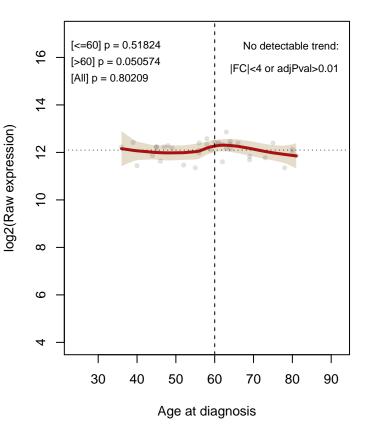
**RB1 (non-ER binding)** 

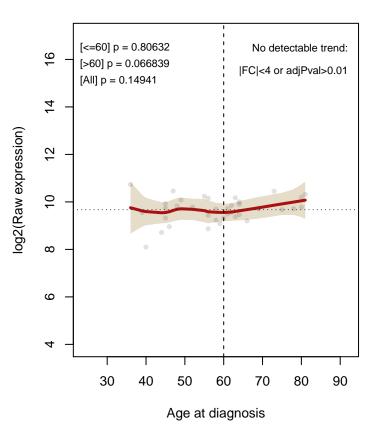






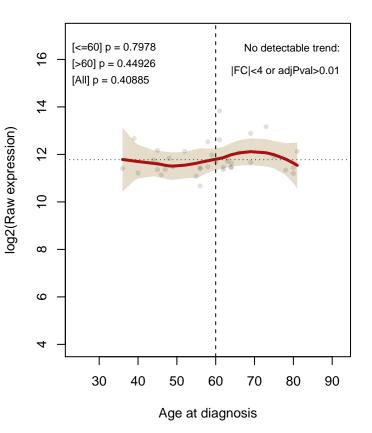
#### RBBP5 (non-ER binding)

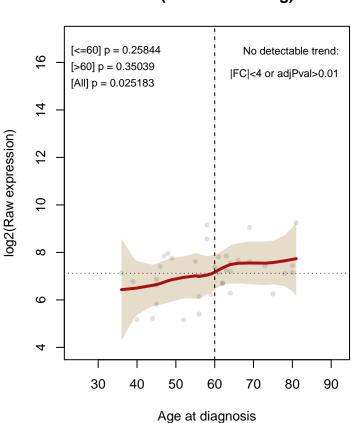


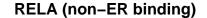


### RBBP7 (non-ER binding)

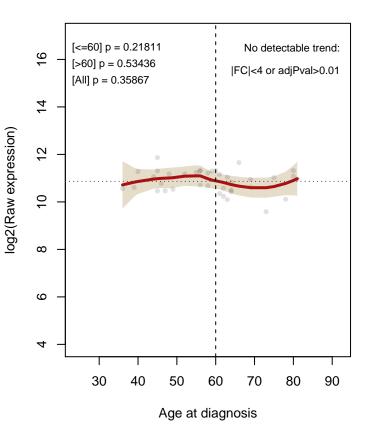
**REL** (non-ER binding)

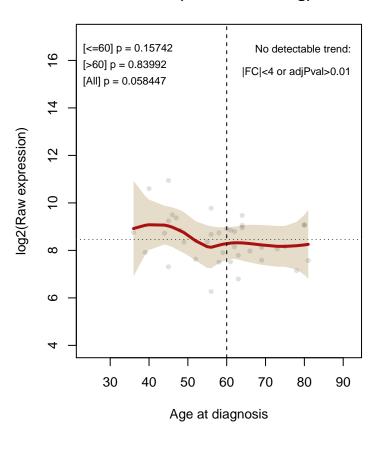






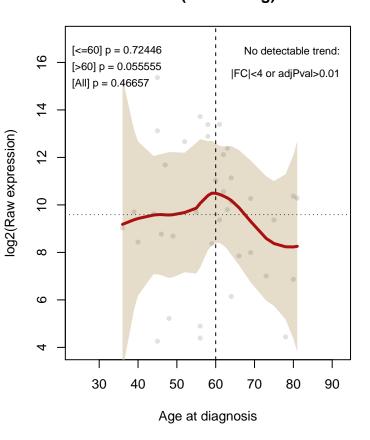
#### **RELB** (non-ER binding)

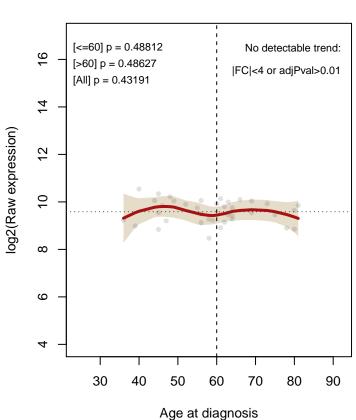




### **RET (ER binding)**

#### RING1 (non-ER binding)





#### RNF2 (non-ER binding) **RUNX1 (ER binding)** [<=60] p = 0.068123No detectable trend: [<=60] p = 0.28281No detectable trend: 16 16 [>60] p = 0.96183 [>60] p = 0.20316 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [All] p = 0.26354[All] p = 0.098554 4 log2(Raw expression) log2(Raw expression) 12 12 10 10 ω ω 9 9 30 40 50 60 70 80 90 30 40 50 60 70 80 90 Age at diagnosis Age at diagnosis **RUNX3 (non-ER binding)** RYBP (non-ER binding) [<=60] p = 0.15692No detectable trend: [<=60] p = 0.84939No detectable trend: 16 16 [>60] p = 0.16469 [>60] p = 0.71135 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [All] p = 0.23129[All] p = 0.673644 4 log2(Raw expression) log2(Raw expression) 12 12 10 10 ω ω 9 9

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Age at diagnosis

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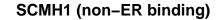
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Age at diagnosis

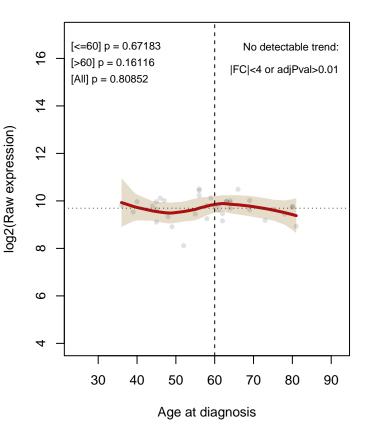
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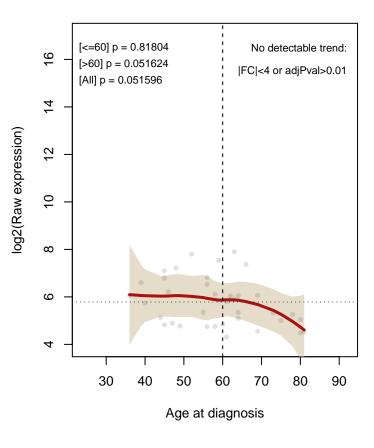
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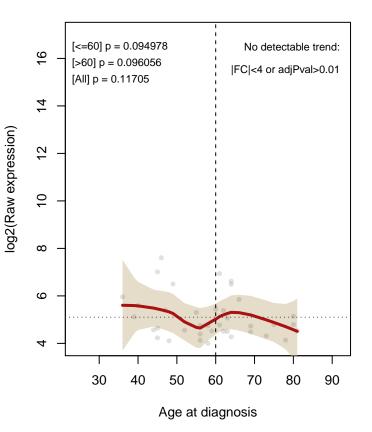
#### SCML2 (non-ER binding)

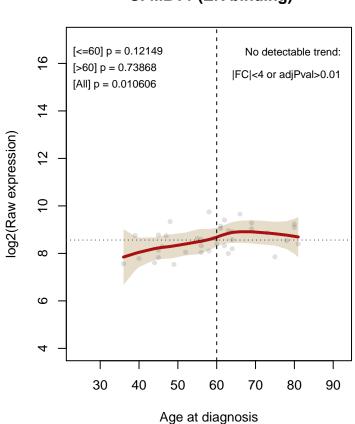




#### SCML4 (non-ER binding)

SFMBT1 (ER binding)





## SFMBT2 (ER binding) [<=60] p = 0.93185No detectable trend: 16 [>60] p = 0.25697 |FC|<4 or adjPval>0.01 [All] p = 0.481434 log2(Raw expression) 12 10

 $\infty$ 

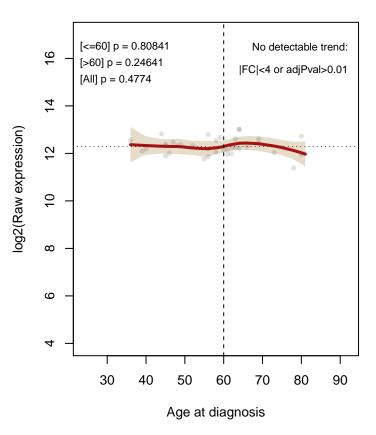
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#### SFPQ (non-ER binding)



SHC1 (non-ER binding)

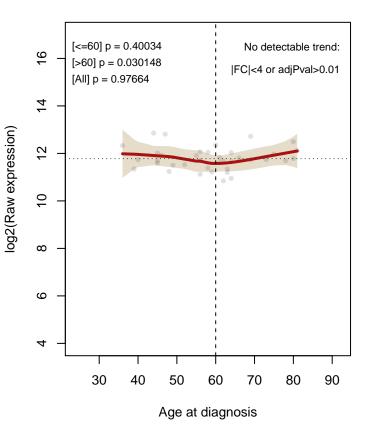
Age at diagnosis

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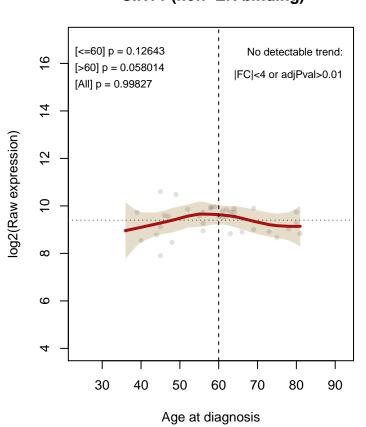
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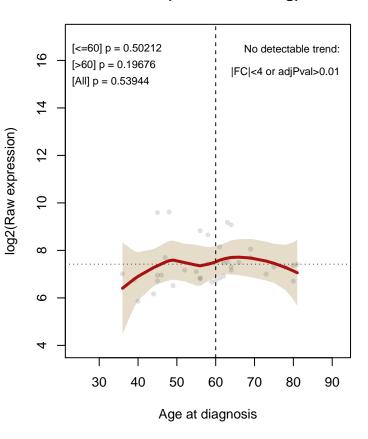


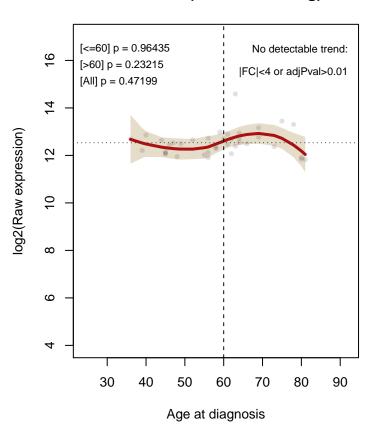
#### SIRT1 (non-ER binding)



#### SKP2 (non-ER binding)

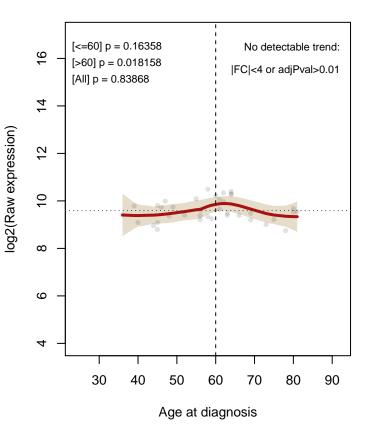
#### SLC25A3 (non-ER binding)

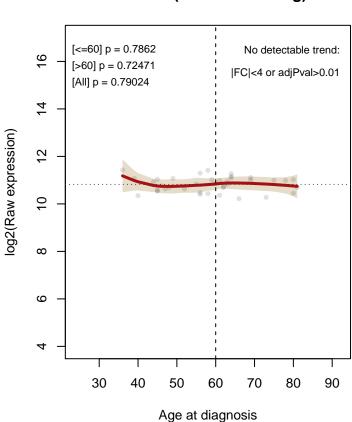




### **SMAD1** (non-ER binding)

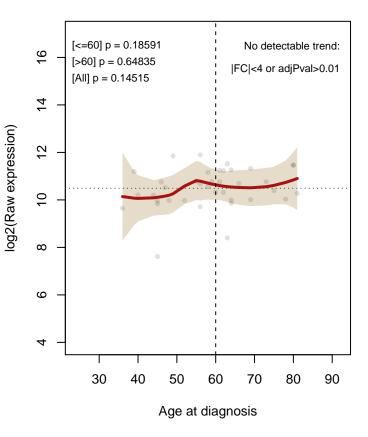
SMAD2 (non-ER binding)

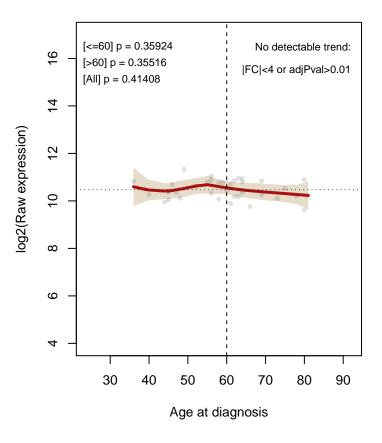






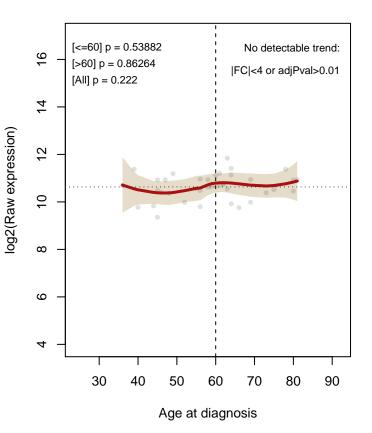
#### SMAD4 (non-ER binding)

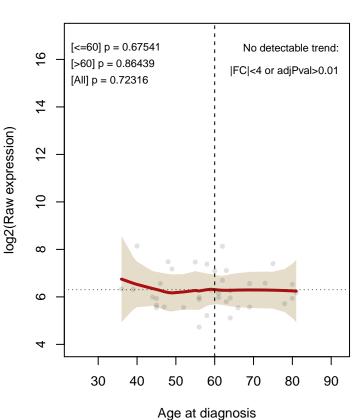


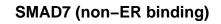


### **SMAD5** (non-ER binding)

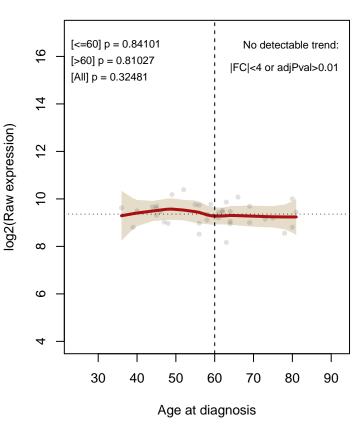
SMAD6 (non-ER binding)

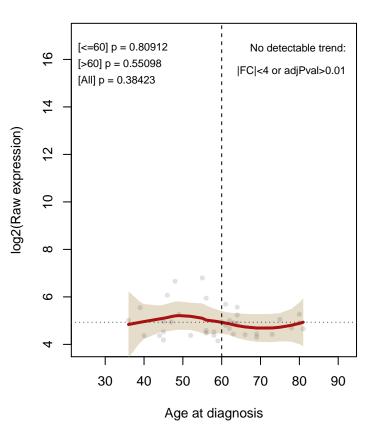






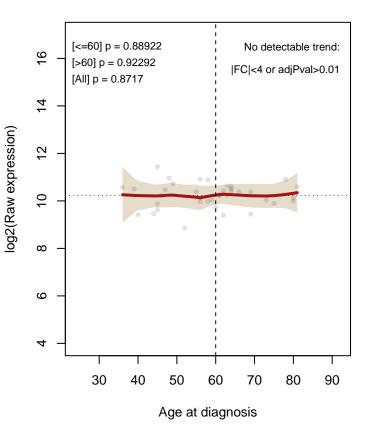
#### SMAD9 (non-ER binding)

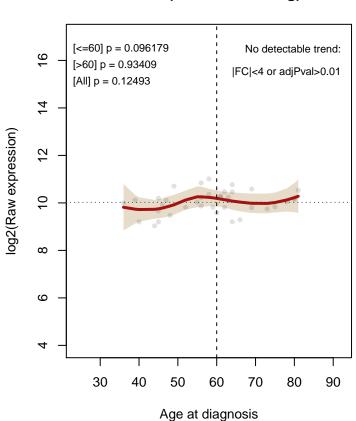




#### SOS1 (non-ER binding)

SOS2 (non-ER binding)

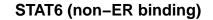




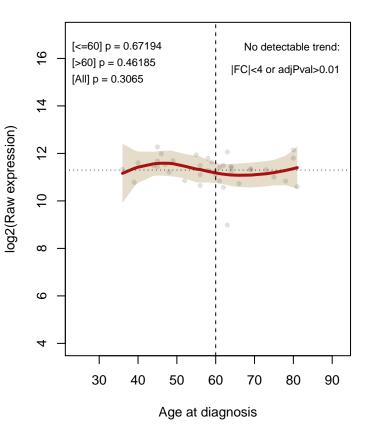
#### SP1 (non-ER binding) SRC (non-ER binding) [<=60] p = 0.30788No detectable trend: [<=60] p = 0.47197No detectable trend: 16 16 [>60] p = 0.35748 [>60] p = 0.92111 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [All] p = 0.074108[All] p = 0.0332534 4 log2(Raw expression) log2(Raw expression) 12 12 10 10 ω $\infty$ 9 9 30 40 50 60 70 80 90 30 40 50 60 70 80 90 Age at diagnosis Age at diagnosis STAT3 (non-ER binding) STAT1 (ER binding) [<=60] p = 0.43425No detectable trend: [<=60] p = 0.28091No detectable trend: 16 16 [>60] p = 0.9638 [>60] p = 0.56742 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [All] p = 0.95886[All] p = 0.137564 4 log2(Raw expression) log2(Raw expression) 12 12 10 10 ω $\infty$ 9 9 30 40 50 60 70 80 90 30 40 50 60 70 80 90

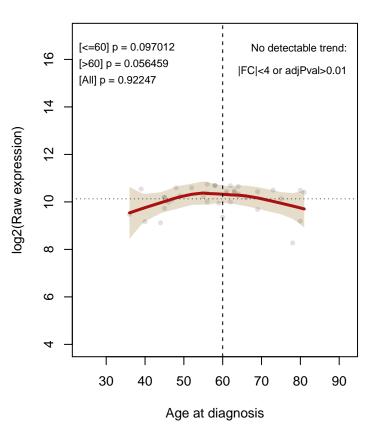
Age at diagnosis

Age at diagnosis



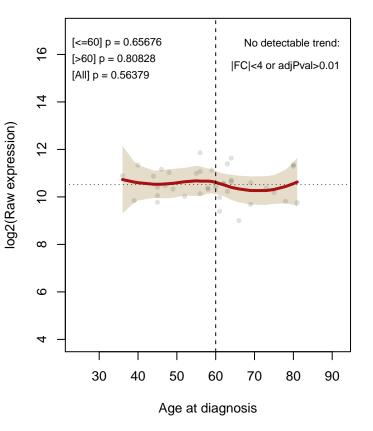
#### SUZ12 (non-ER binding)

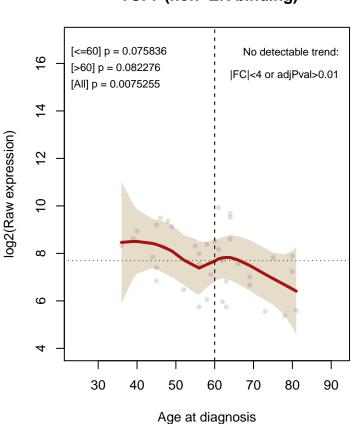




TCF3 (non-ER binding)

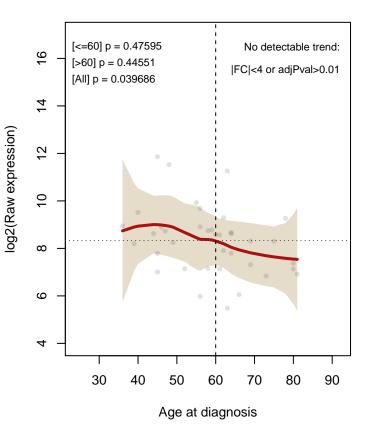
TCF7 (non-ER binding)

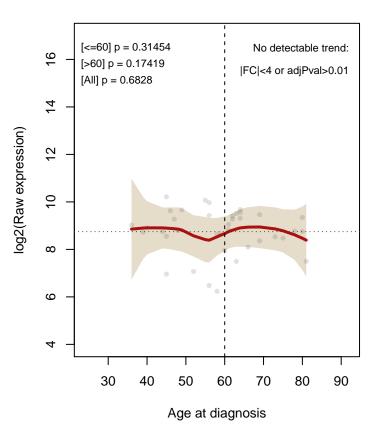






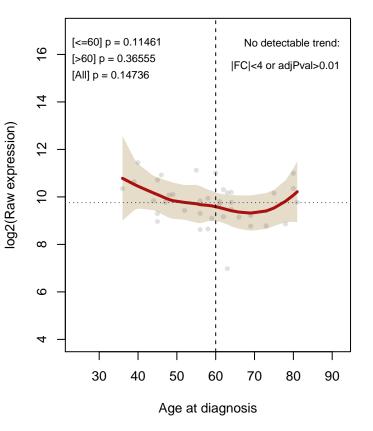
#### TCF7L2 (non-ER binding)

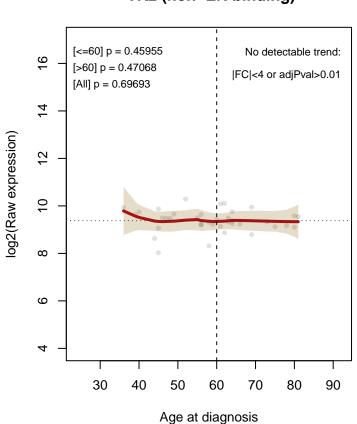


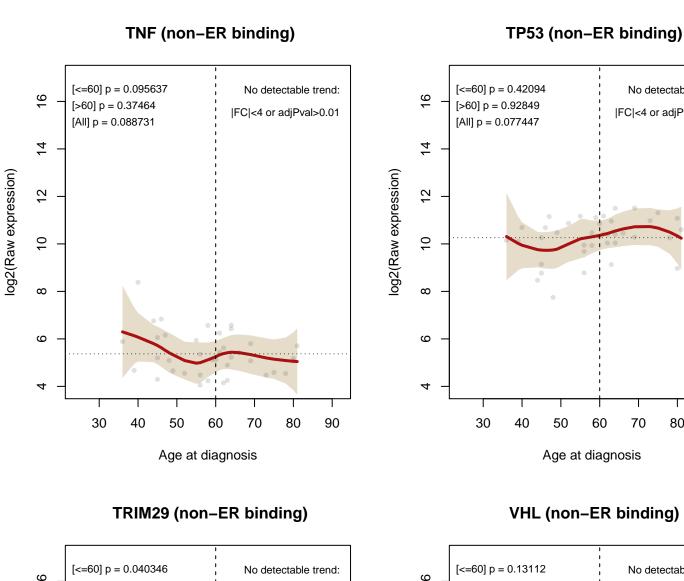


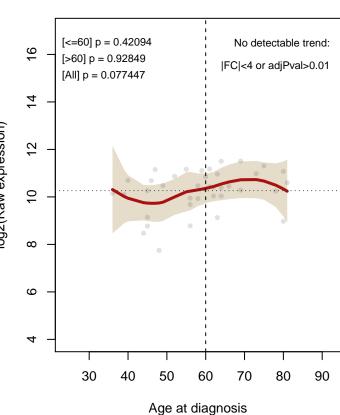
#### TGFB1 (non-ER binding)

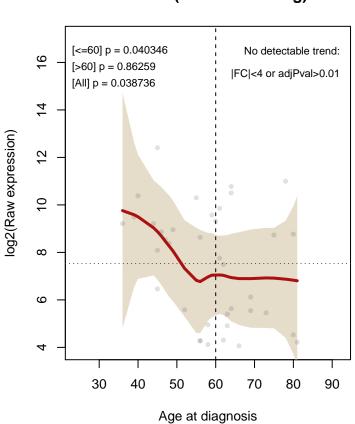
TK2 (non-ER binding)

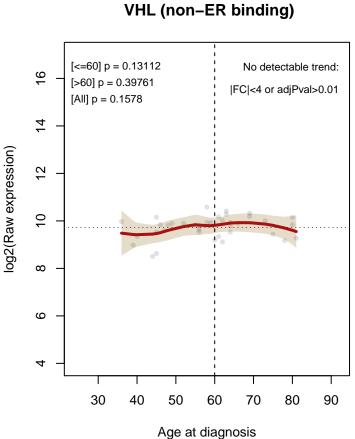


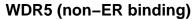




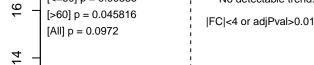


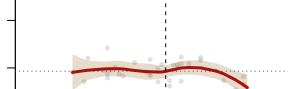






## [<=60] p = 0.90886No detectable trend:

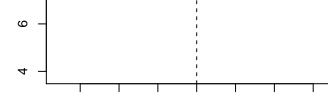




# 19 ω

log2(Raw expression)

12



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Age at diagnosis

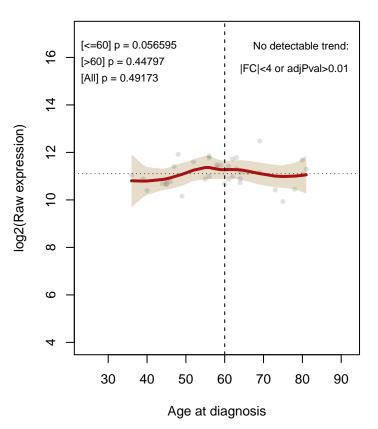
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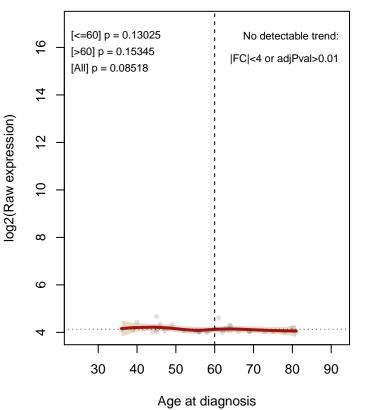
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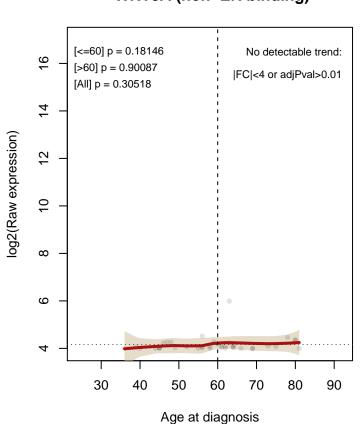
## WHSC1 (non-ER binding)



### WNT1 (non-ER binding)

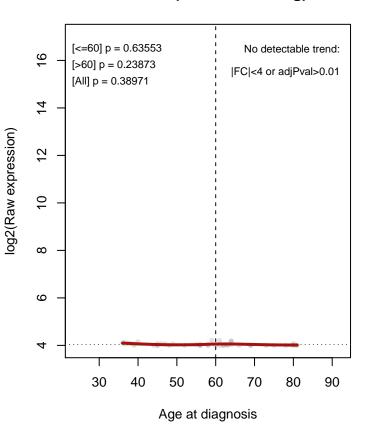


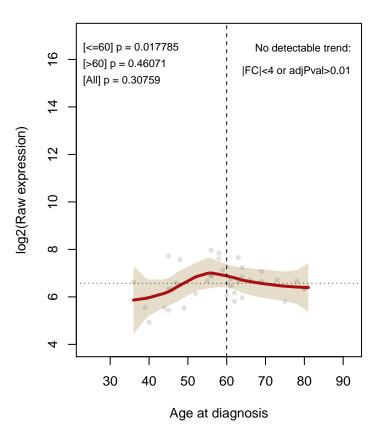
#### WNT3A (non-ER binding)



#### WNT7A (non-ER binding)

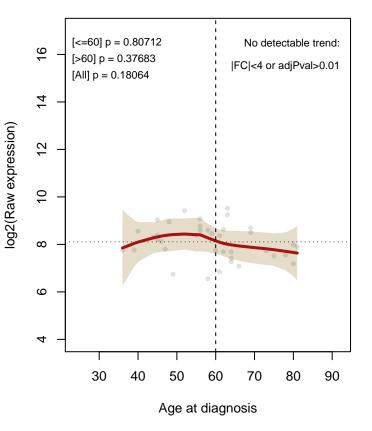
#### XRCC2 (non-ER binding)

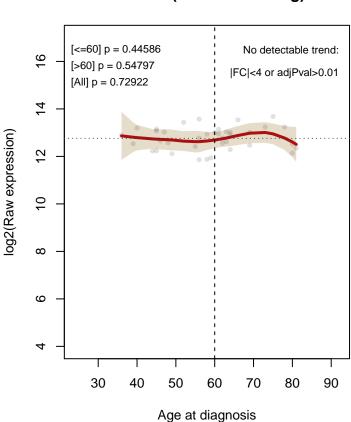




### XRCC3 (non-ER binding)

XRCC6 (non-ER binding)

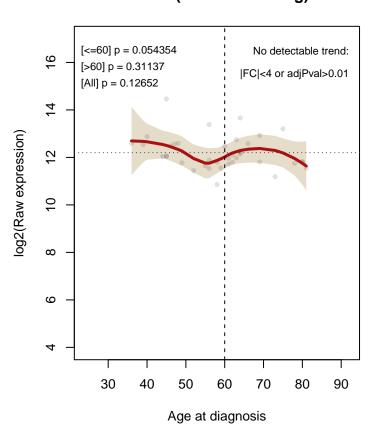




#### YAF2 (non-ER binding)

# 

### YBX1 (non-ER binding)



#### YY1 (non-ER binding)

Age at diagnosis

