**PAM50 LumA: N = 721**
**PCYOX1|ILMN_1679725 (non−ER binding)**

[<=60] p = 0.42266
[>60] p = 5.5828e−09
[All] p = 9.5759e−16

No detectable trend:
|FC|<1.25 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis

**PAM50 LumB: N = 492**
**PCYOX1|ILMN_1679725 (non−ER binding)**

[<=60] p = 0.0044194
[>60] p = 5.8501e−05
[All] p = 8.3251e−14

No detectable trend:
|FC|<1.25 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis

**PAM50 Her2: N = 240**
**PCYOX1|ILMN_1679725 (non−ER binding)**

[<=60] p = 0.19036
[>60] p = 0.38043
[All] p = 0.1353

No detectable trend:
|FC|<1.25 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis

**PAM50 Basal: N = 331**
**PCYOX1|ILMN_1679725 (non−ER binding)**

[<=60] p = 0.92339
[>60] p = 0.01088
[All] p = 0.12758

No detectable trend:
|FC|<1.25 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis

**PAM50 Normal: N = 202**
**PCYOX1|ILMN_1679725 (non−ER binding)**



[<=60] p = 0.60766

[>60] p = 0.046387

[All] p = 0.89182

No detectable trend:

|FC|<1.25 or adjPval>0.01

Raw Expression (4, 16)

Age at diagnosis