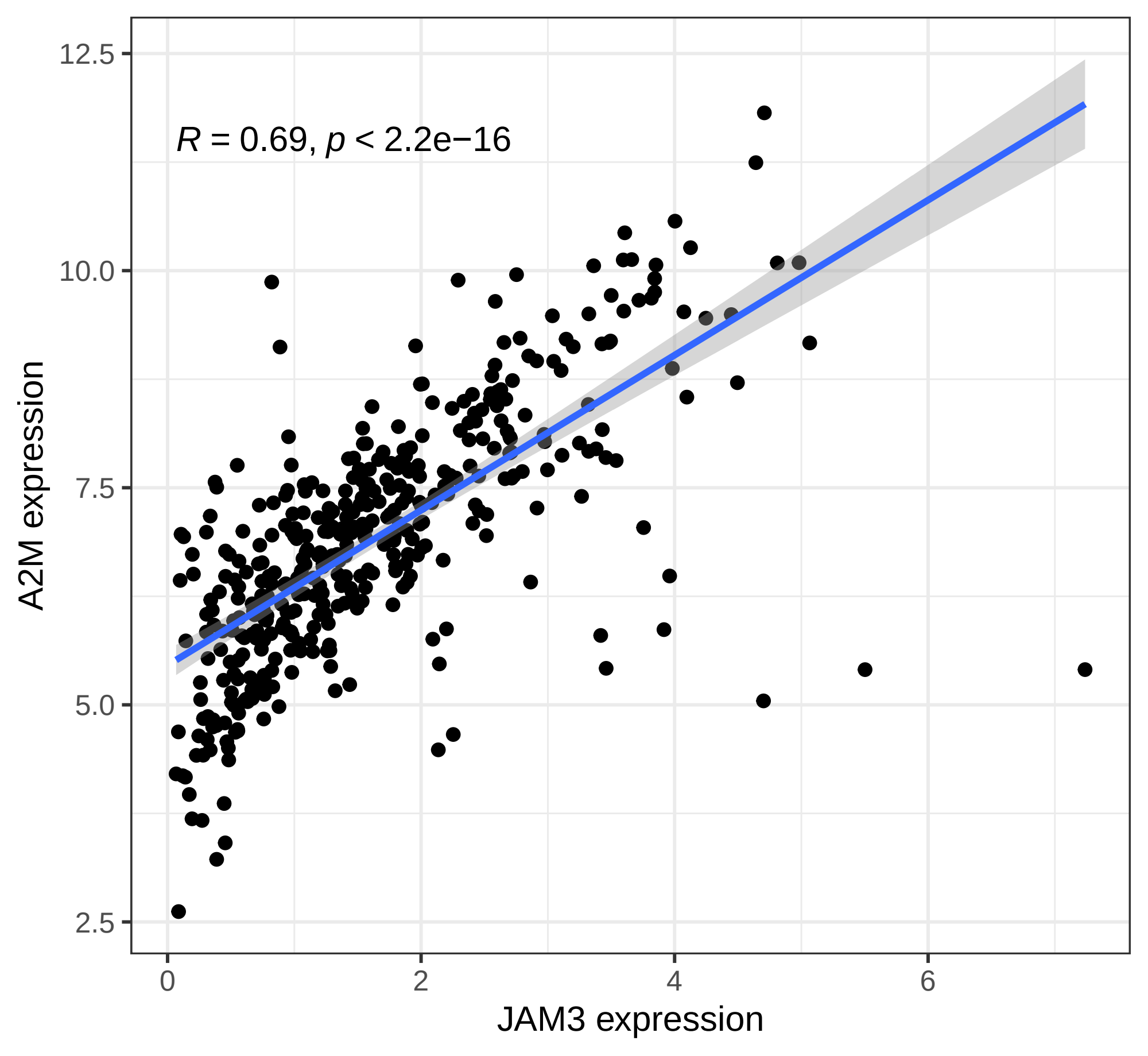
JAM3: A prognostic biomarker for bladder cancer via epithelial-mesenchymal transition regulation

SUPPLEMENTARY MATERIAL 5

275 genes which strongly correlated with JAM3


R = 0.69, p < 2.2e−16
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7.5
5.0
2.5
A2M expression
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4
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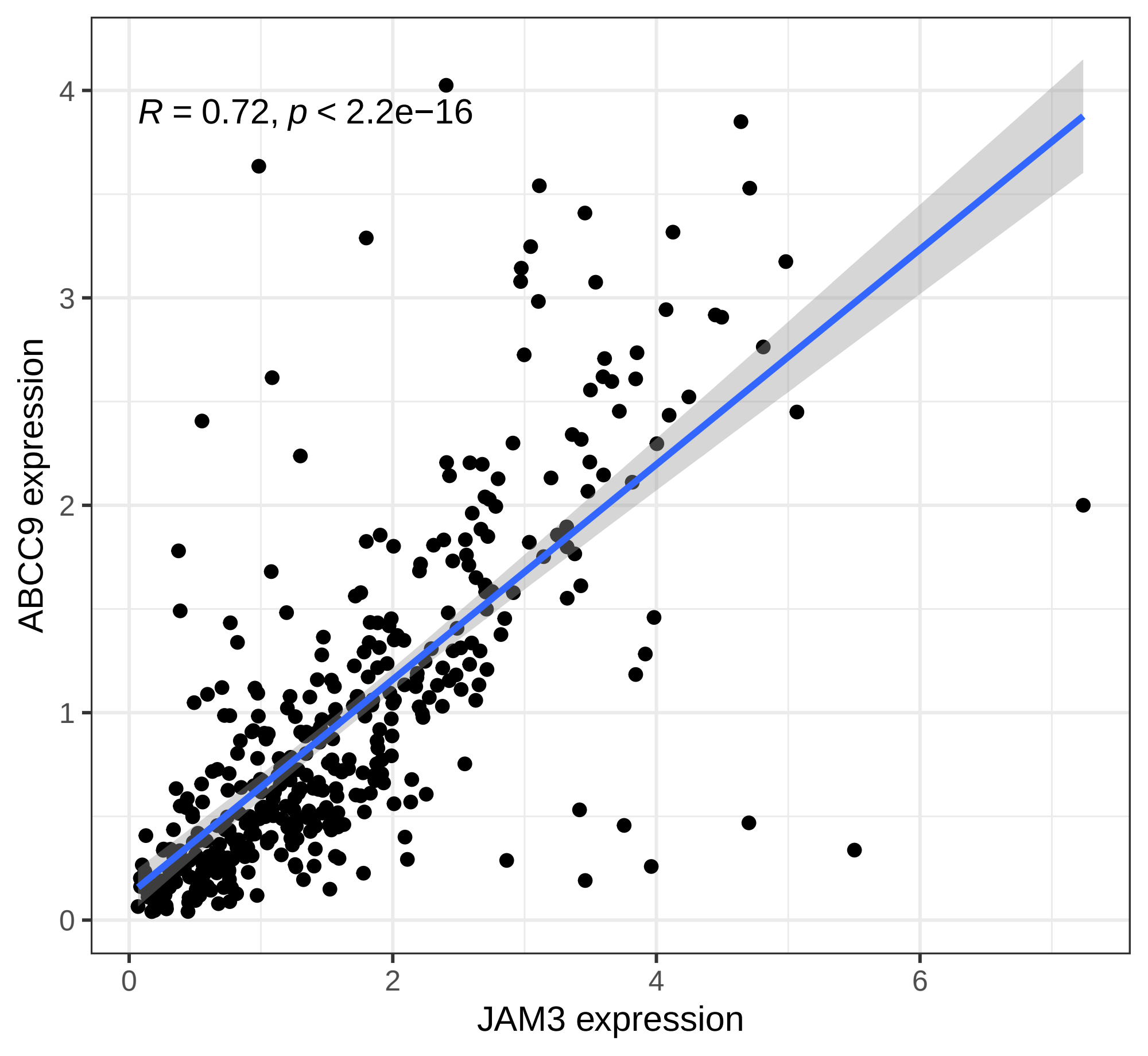
JAM3 expression


R = 0.72, p < 2.2e−16
ABCC9 expression
JAM3 expression
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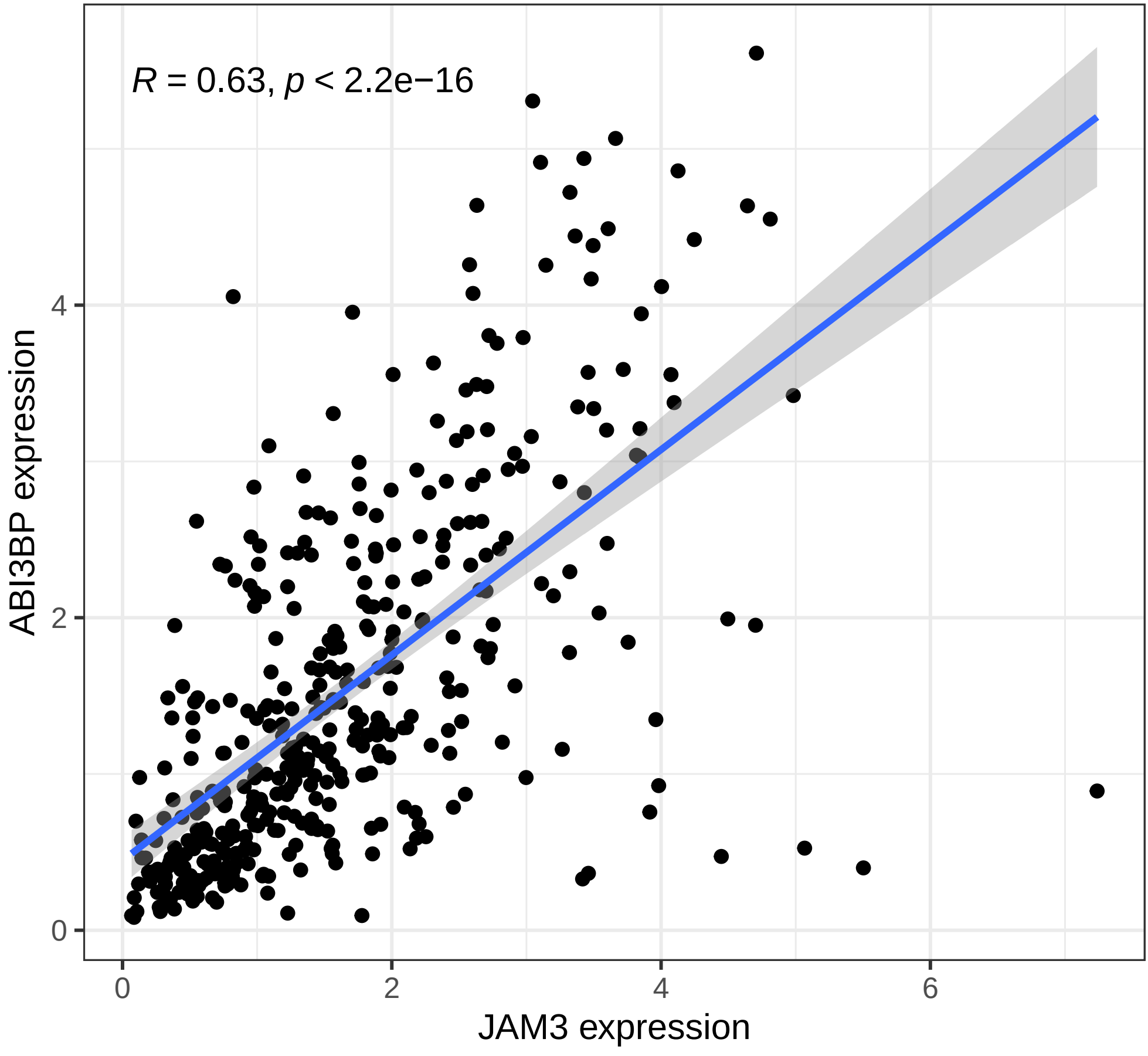
R = 0.63, p < 2.2e−16
ABI3BP expression
JAM3 expression
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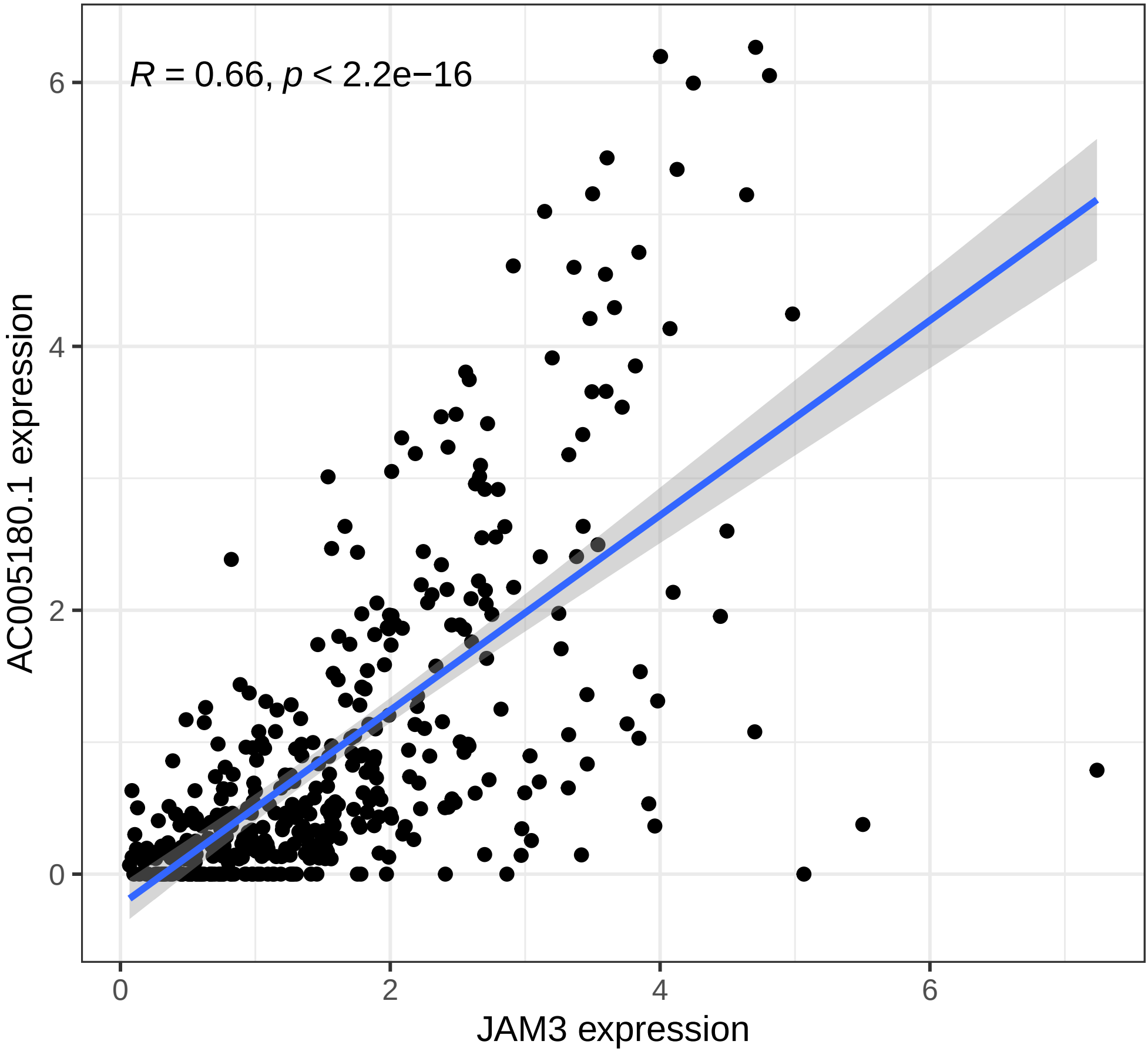
R = 0.66, p < 2.2e−16
AC005180.1 expression
JAM3 expression
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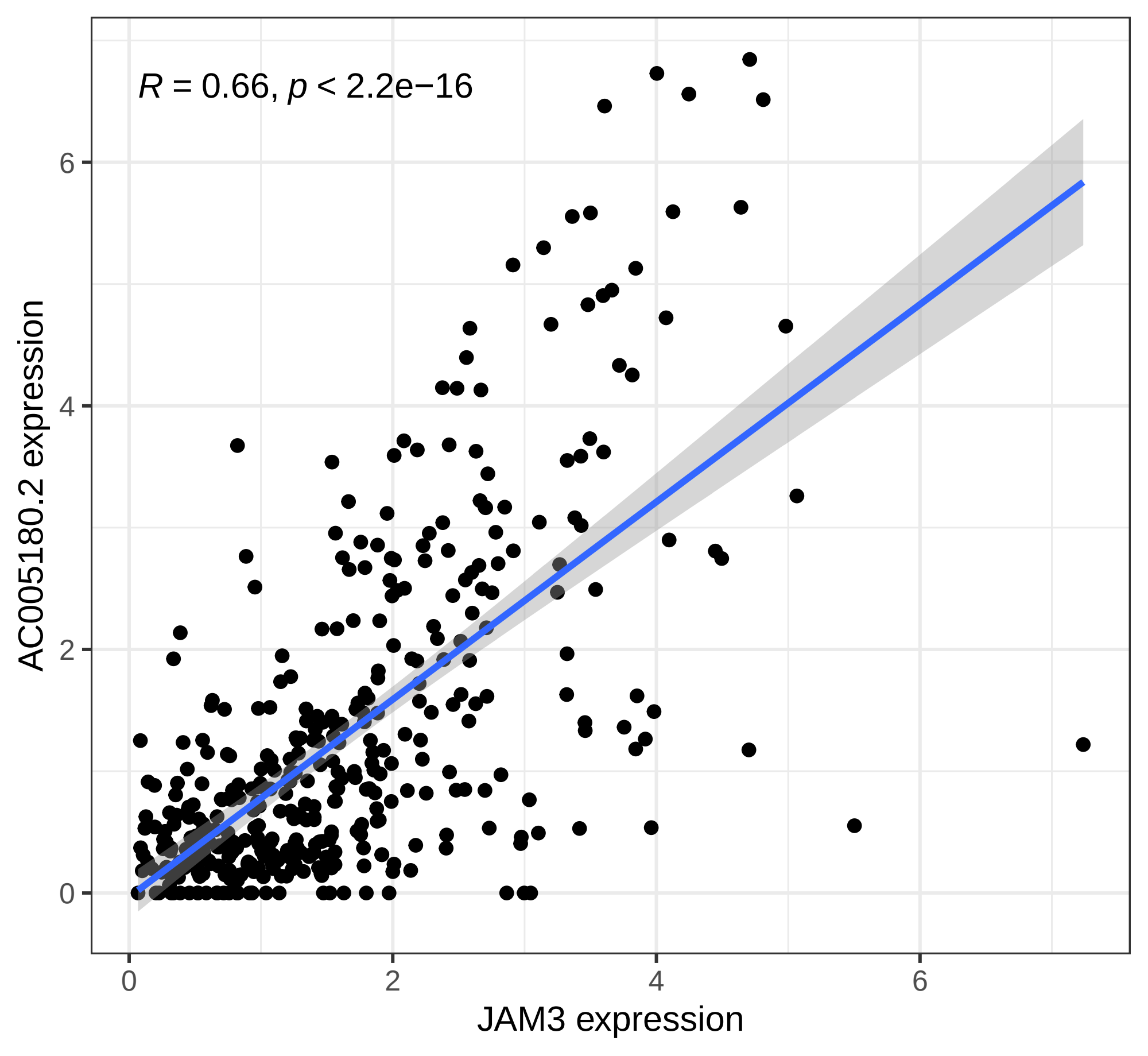
R = 0.66, p < 2.2e−16
AC005180.2 expression
JAM3 expression
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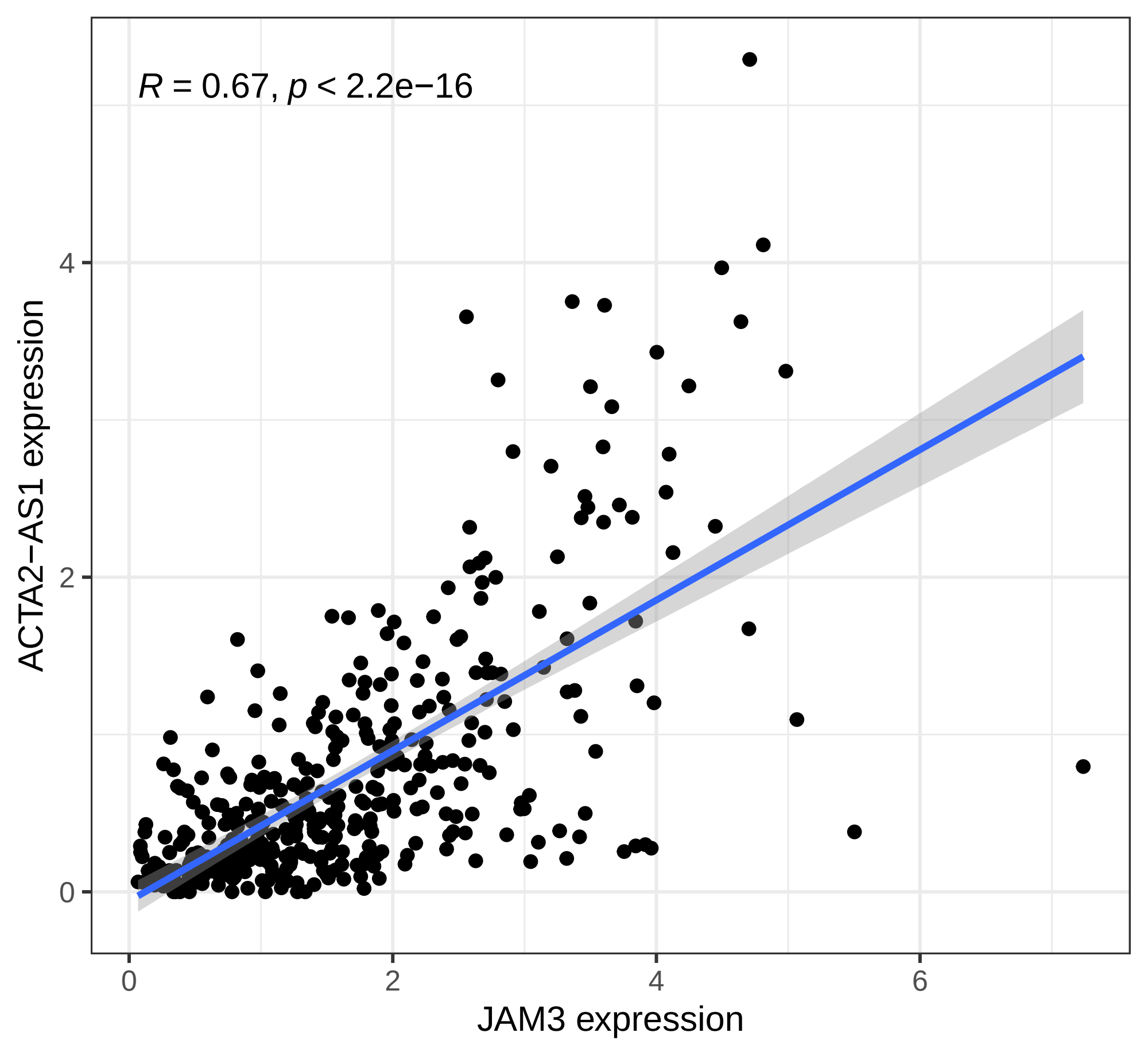
R = 0.67, p < 2.2e−16
ACTA2−AS1 expression
JAM3 expression
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2
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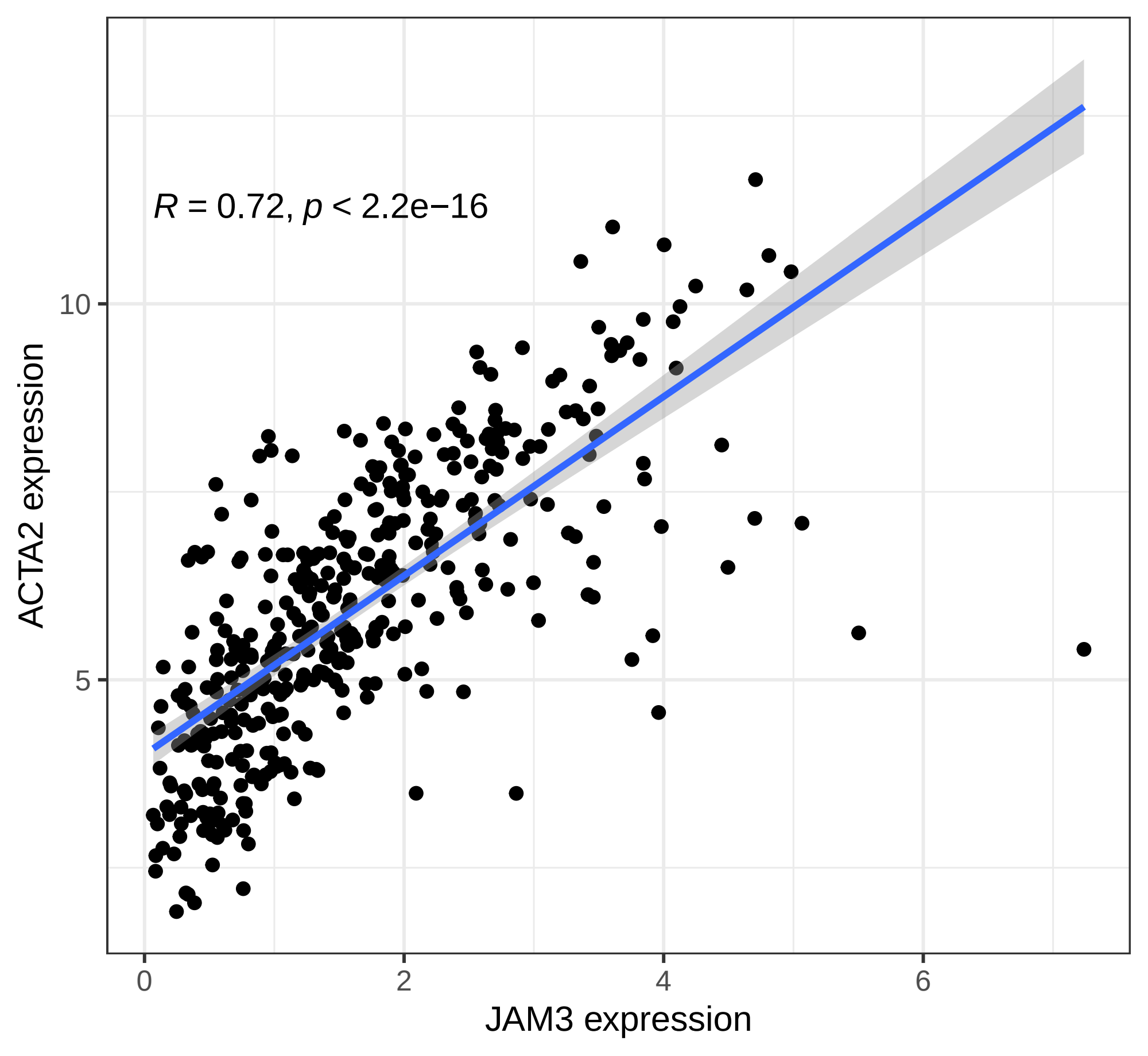
R = 0.72, p < 2.2e−16
ACTA2 expression
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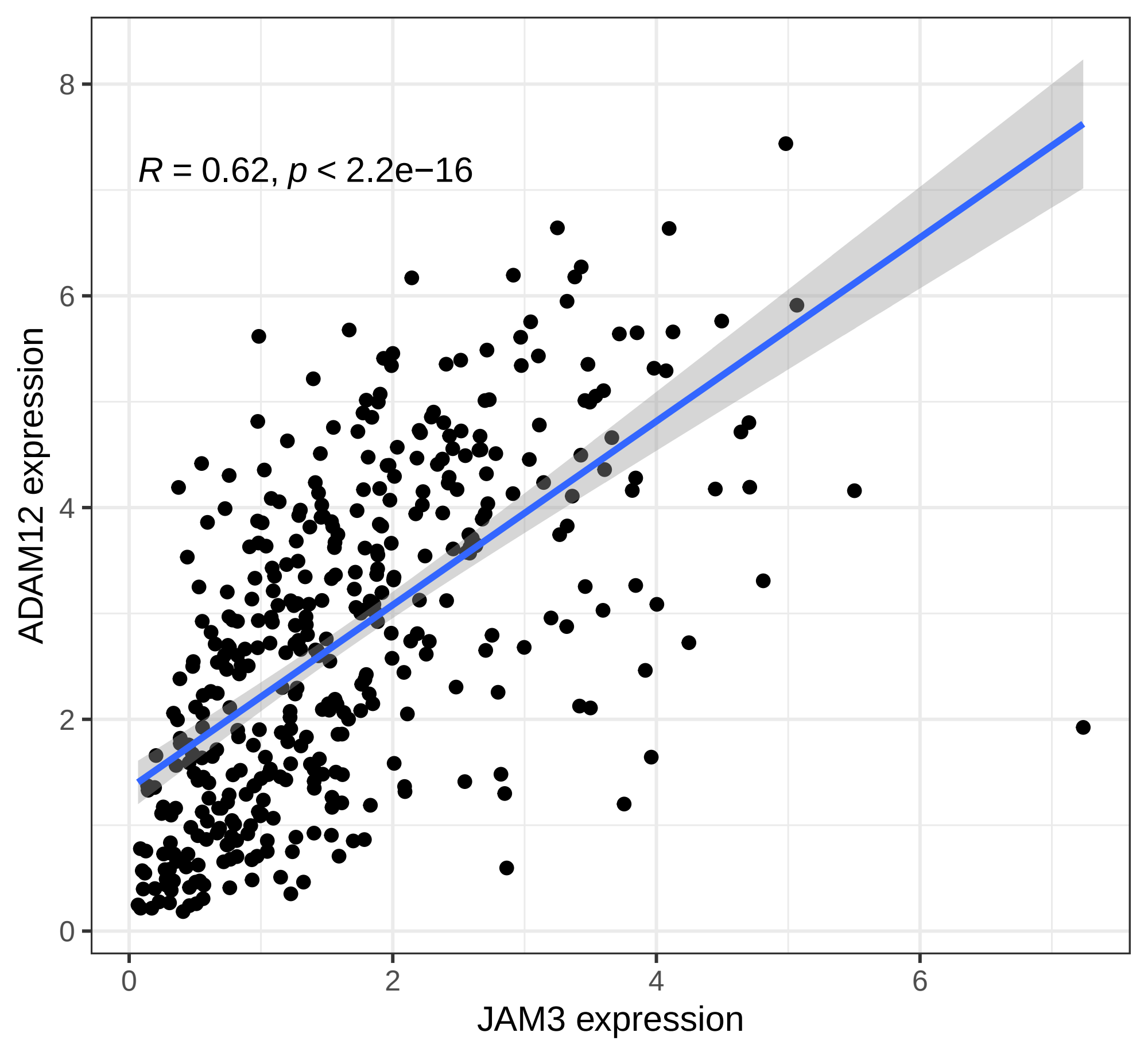
JAM3 expression


R = 0.62, p < 2.2e−16
ADAM12 expression
JAM3 expression
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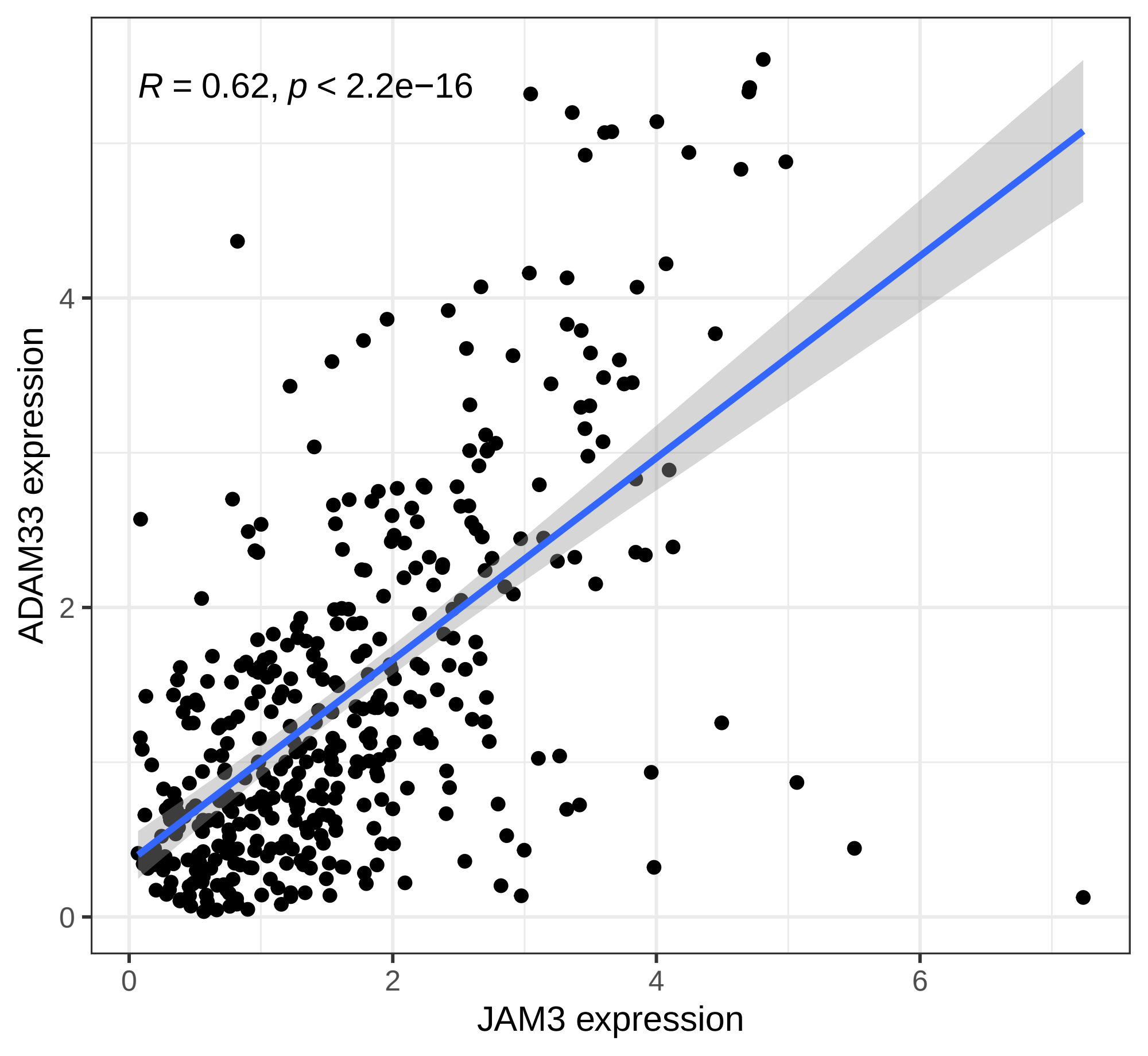
8


R = 0.62, p < 2.2e−16
ADAM33 expression
JAM3 expression
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0
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4
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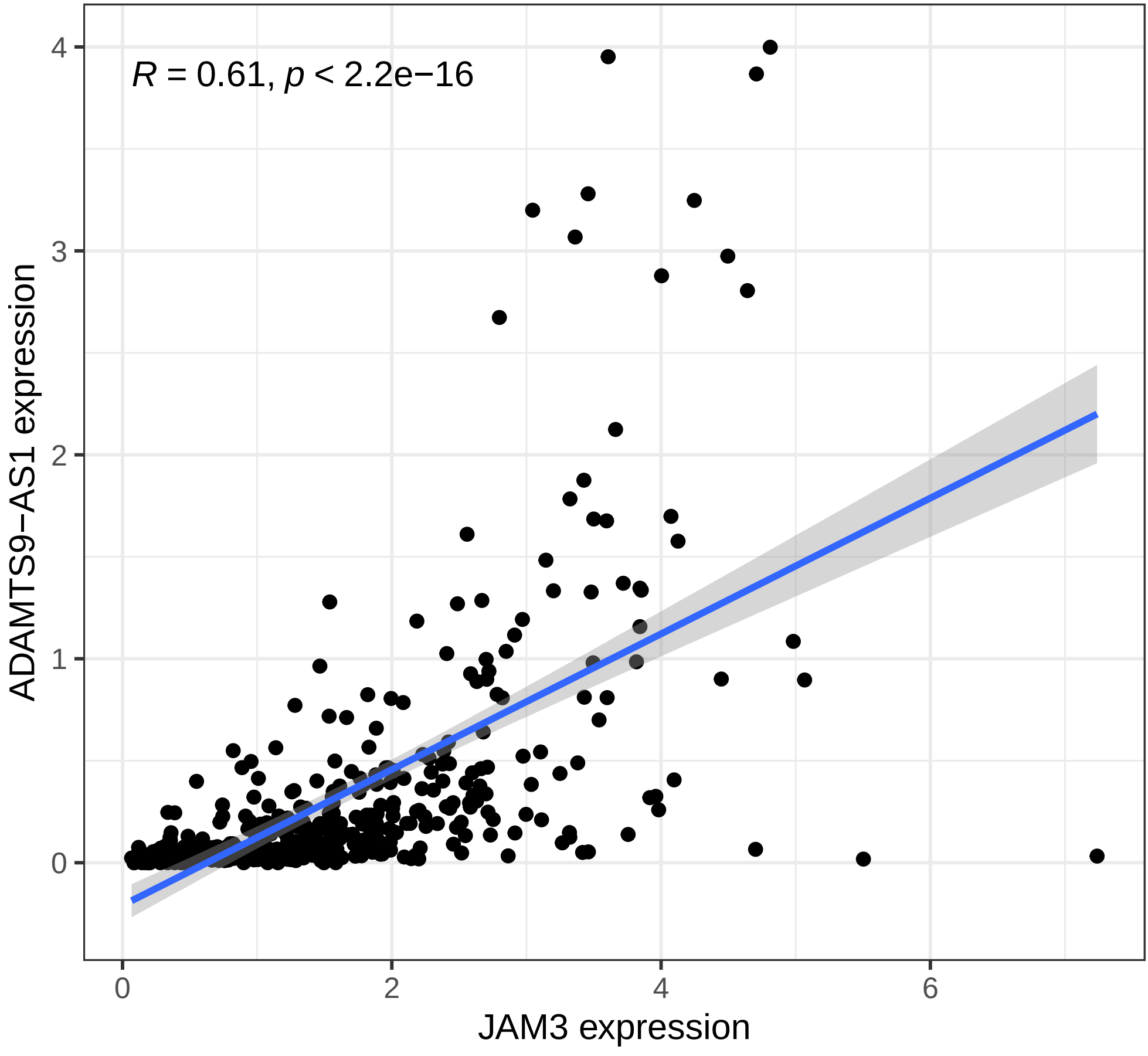
R = 0.61, p < 2.2e−16
ADAMTS9−AS1 expression
JAM3 expression
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0
2
4
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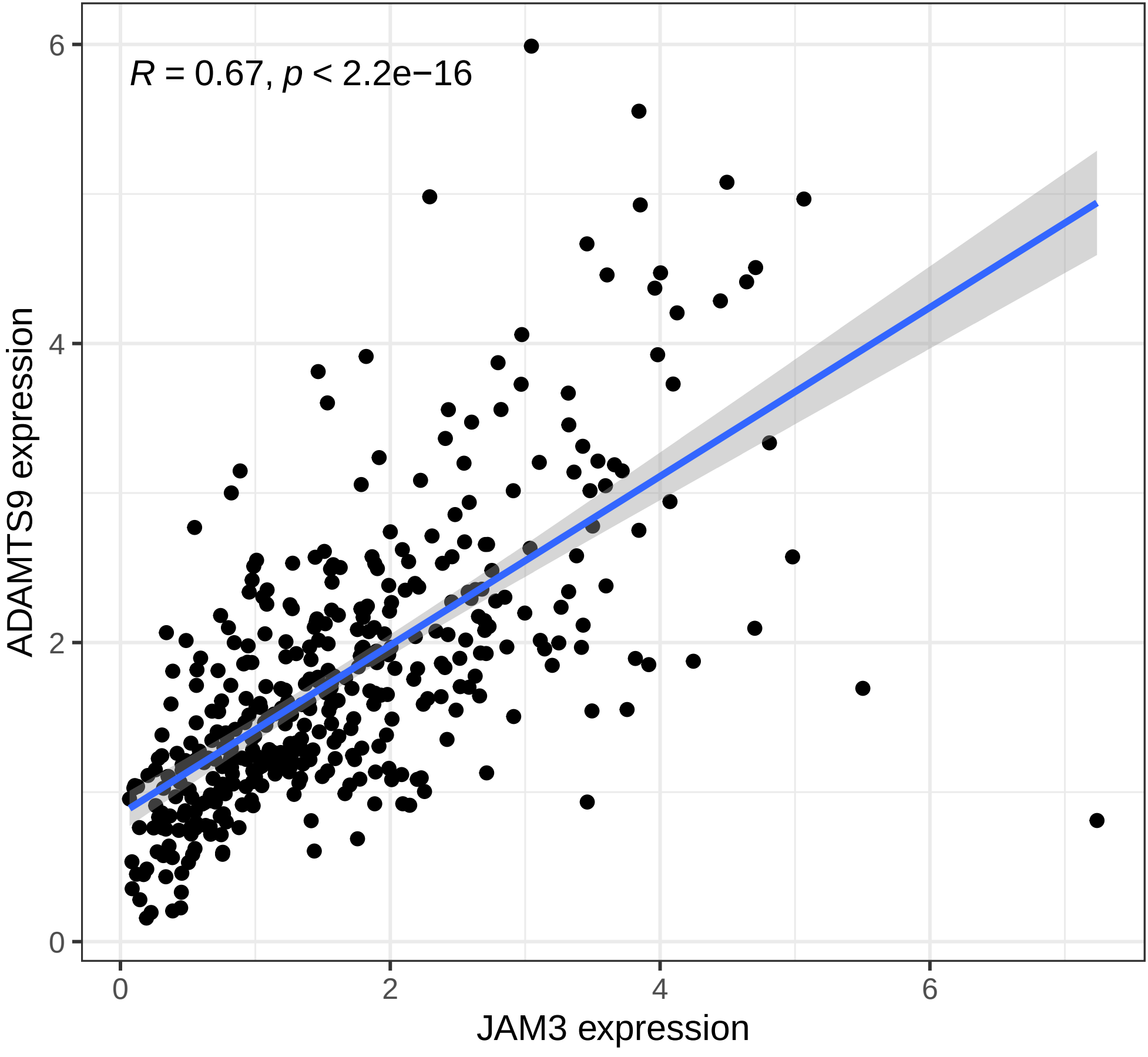
R = 0.67, p < 2.2e−16
ADAMTS9 expression
JAM3 expression
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4
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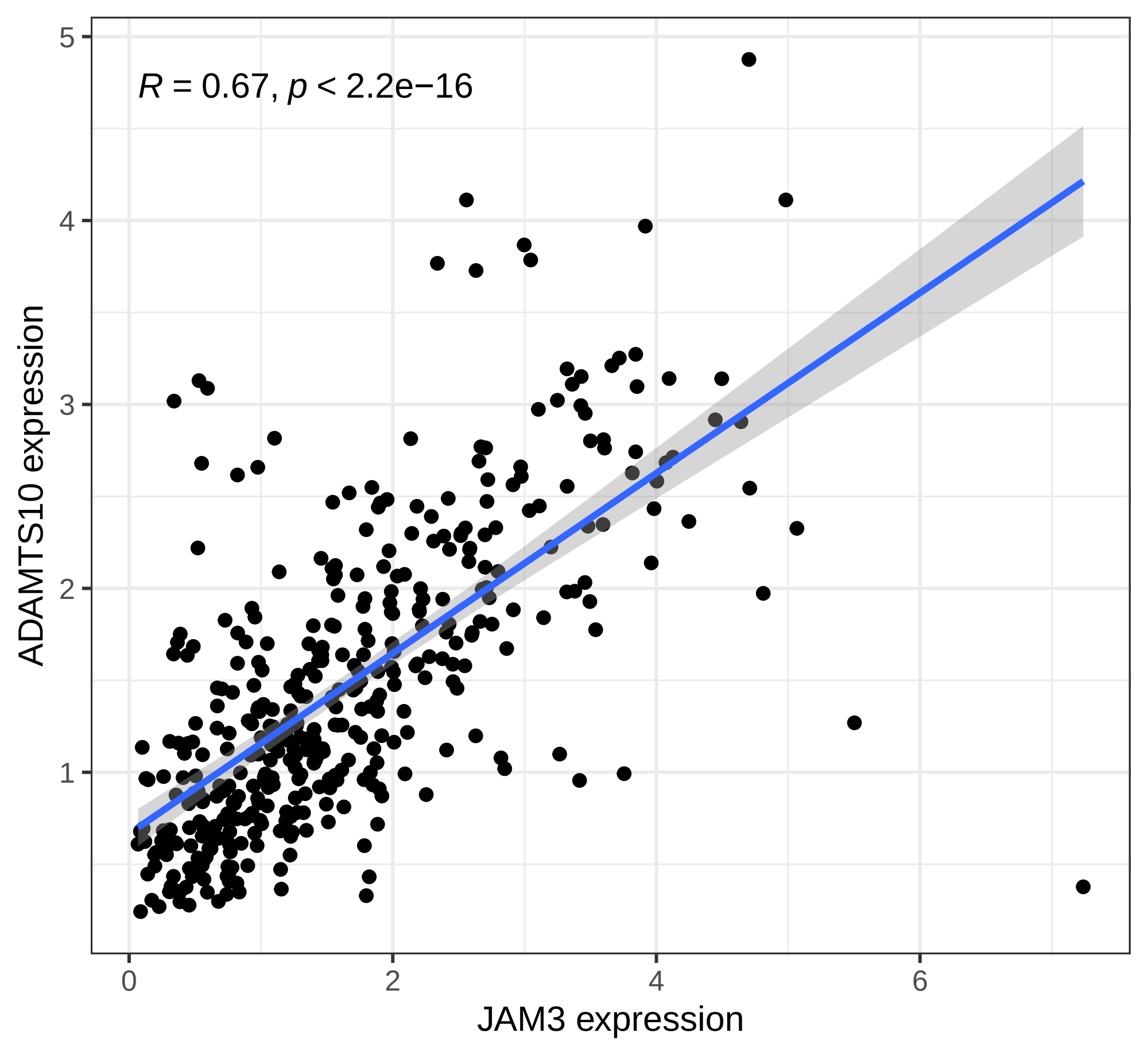
0
2
4
6


R = 0.67, p < 2.2e−16
ADAMTS10 expression
JAM3 expression
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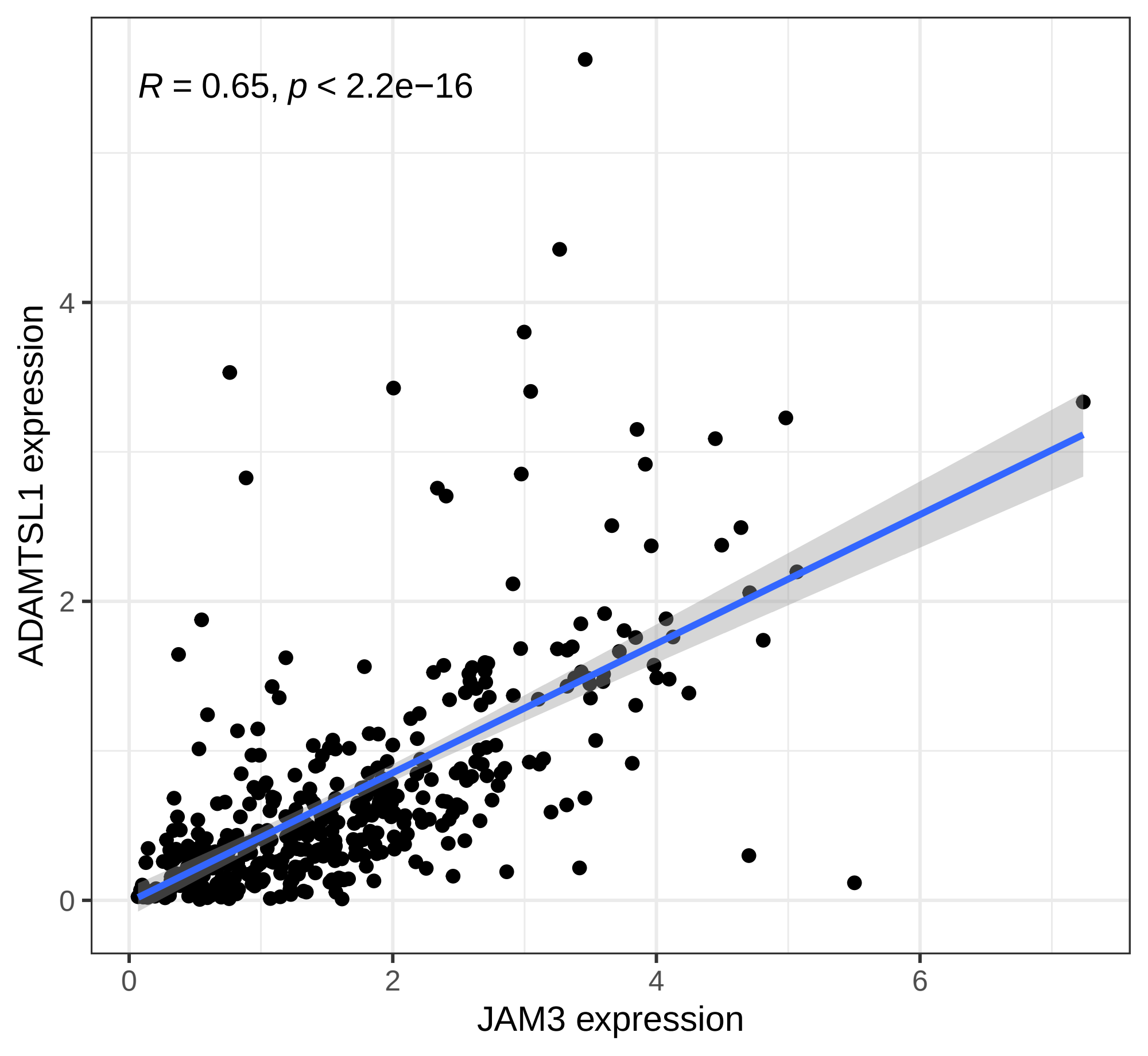
4
3
2
1
0
2
4
6


R = 0.65, p < 2.2e−16
ADAMTSL1 expression
JAM3 expression
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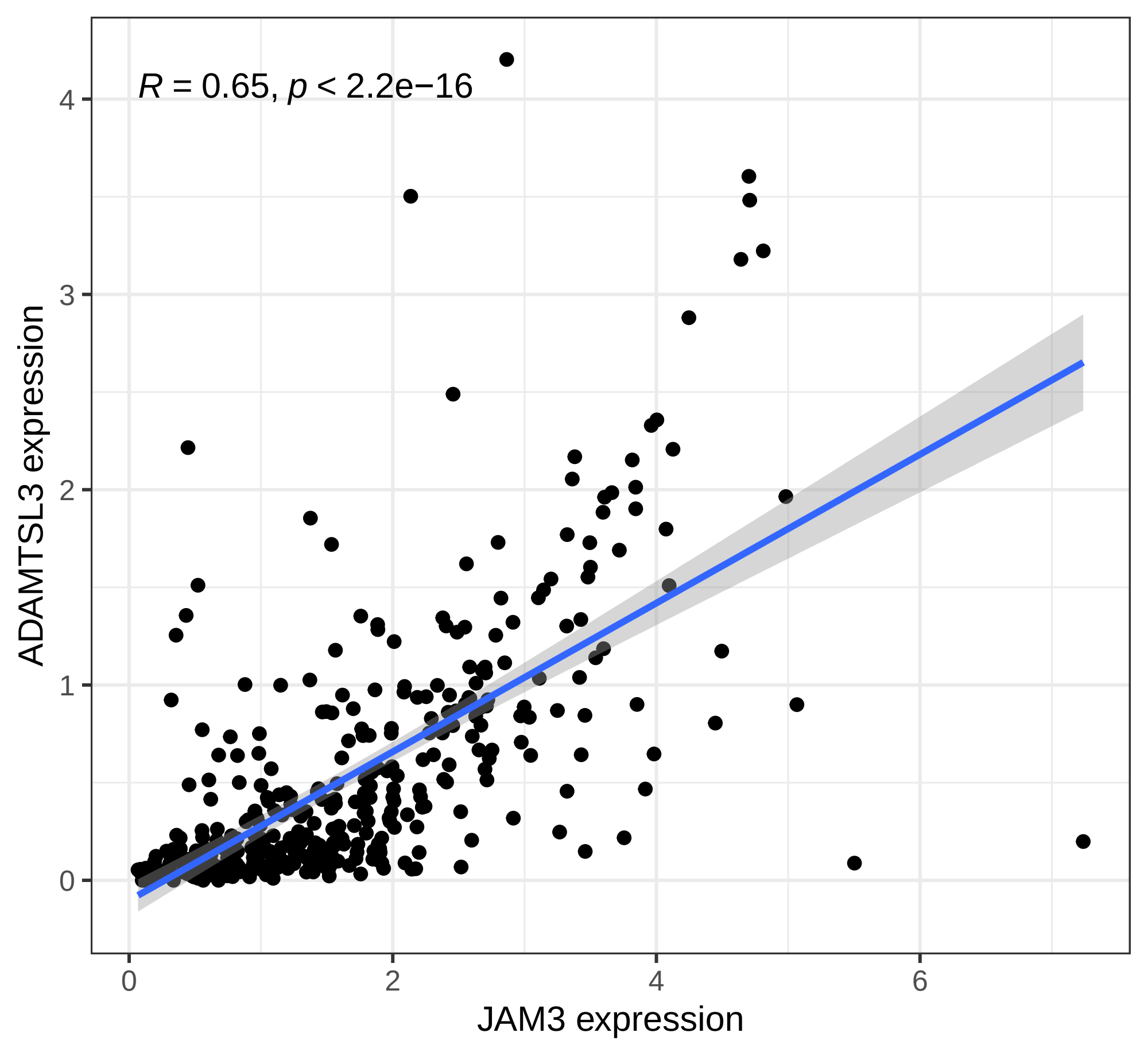
4
0
2
4
6


R = 0.65, p < 2.2e−16
ADAMTSL3 expression
JAM3 expression
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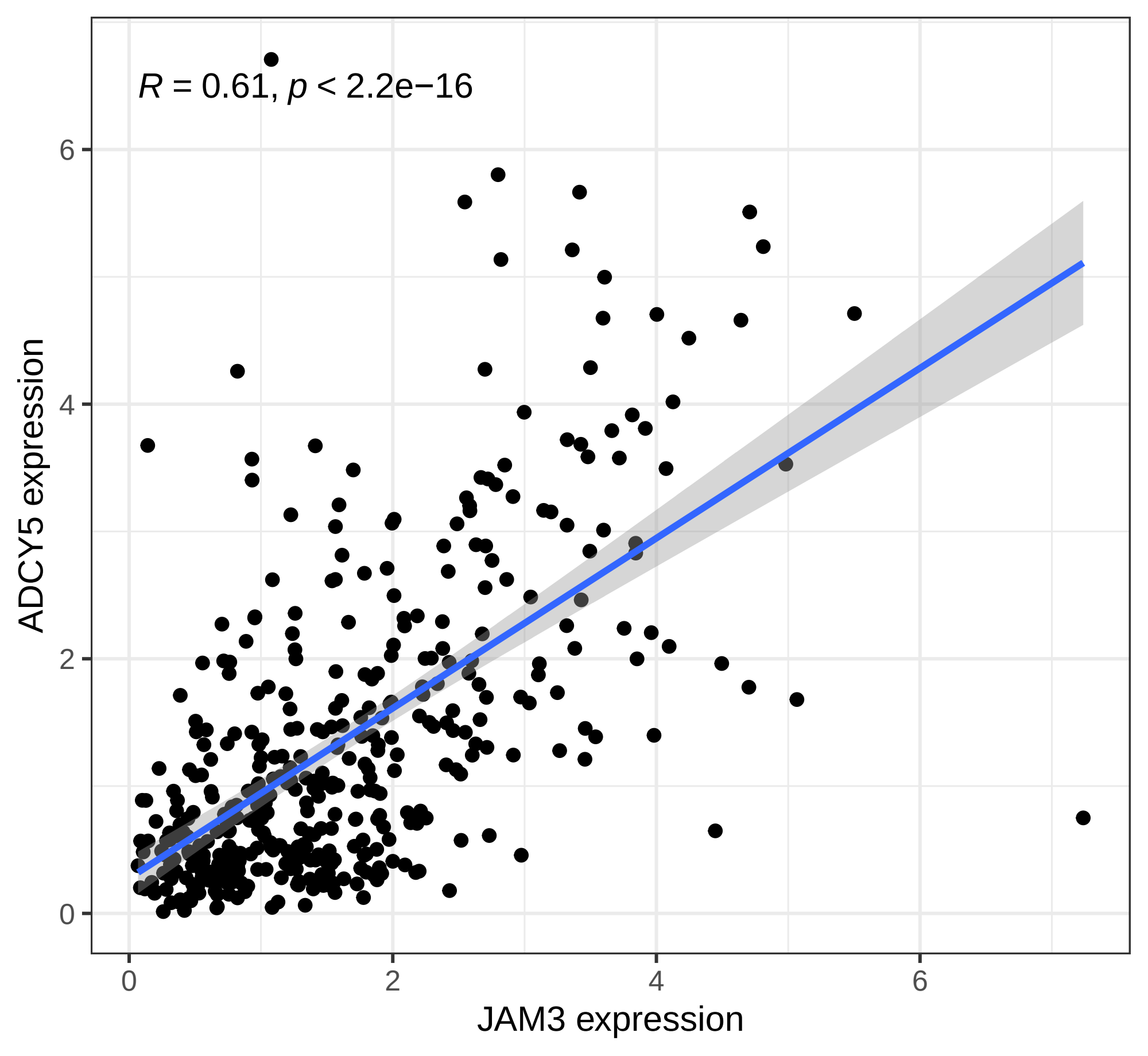
1
2
3
4
0
2
4
6


R = 0.61, p < 2.2e−16
ADCY5 expression
JAM3 expression
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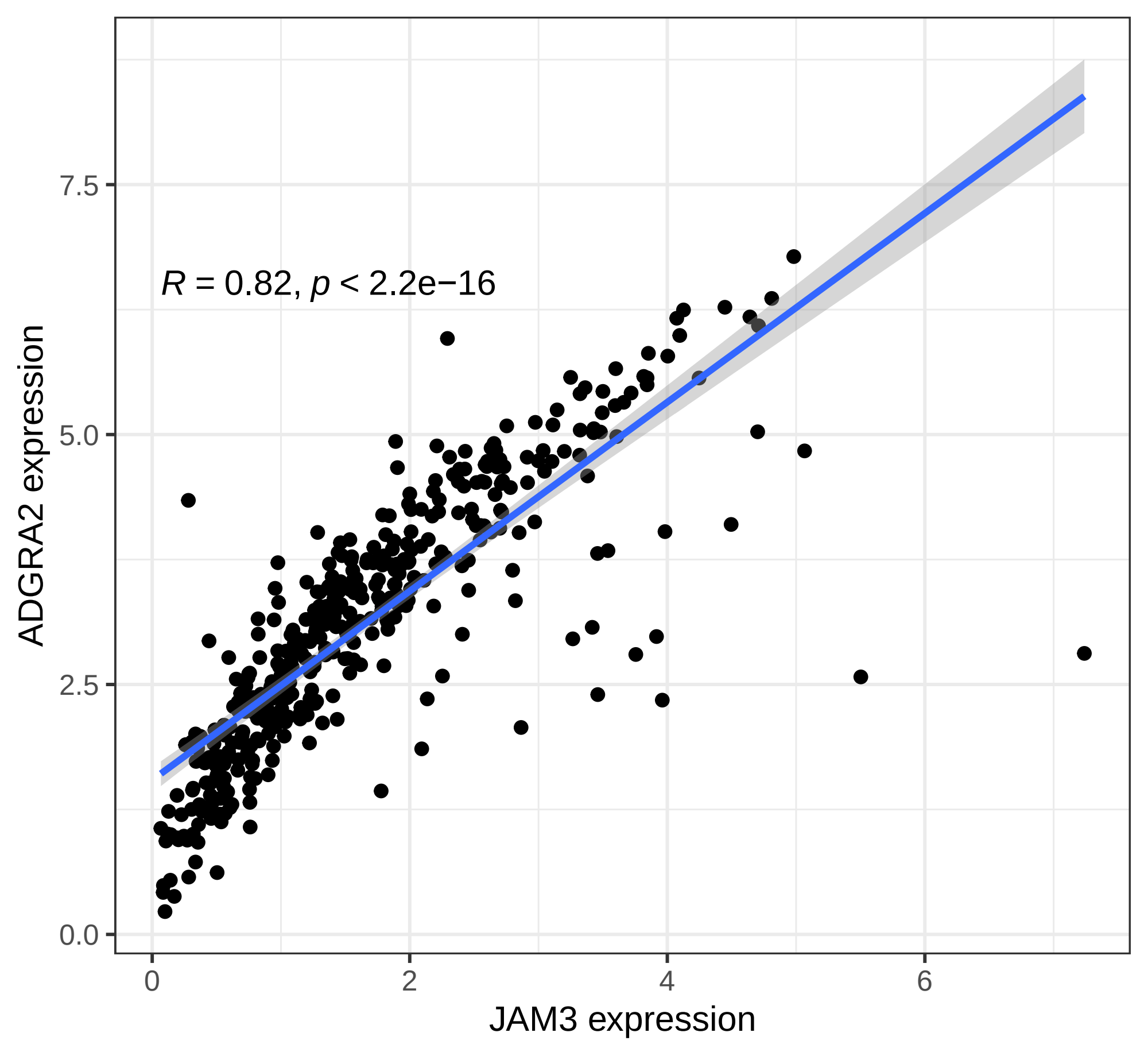
2
4
6
0
2
4
6


R = 0.82, p < 2.2e−16
ADGRA2 expression
JAM3 expression
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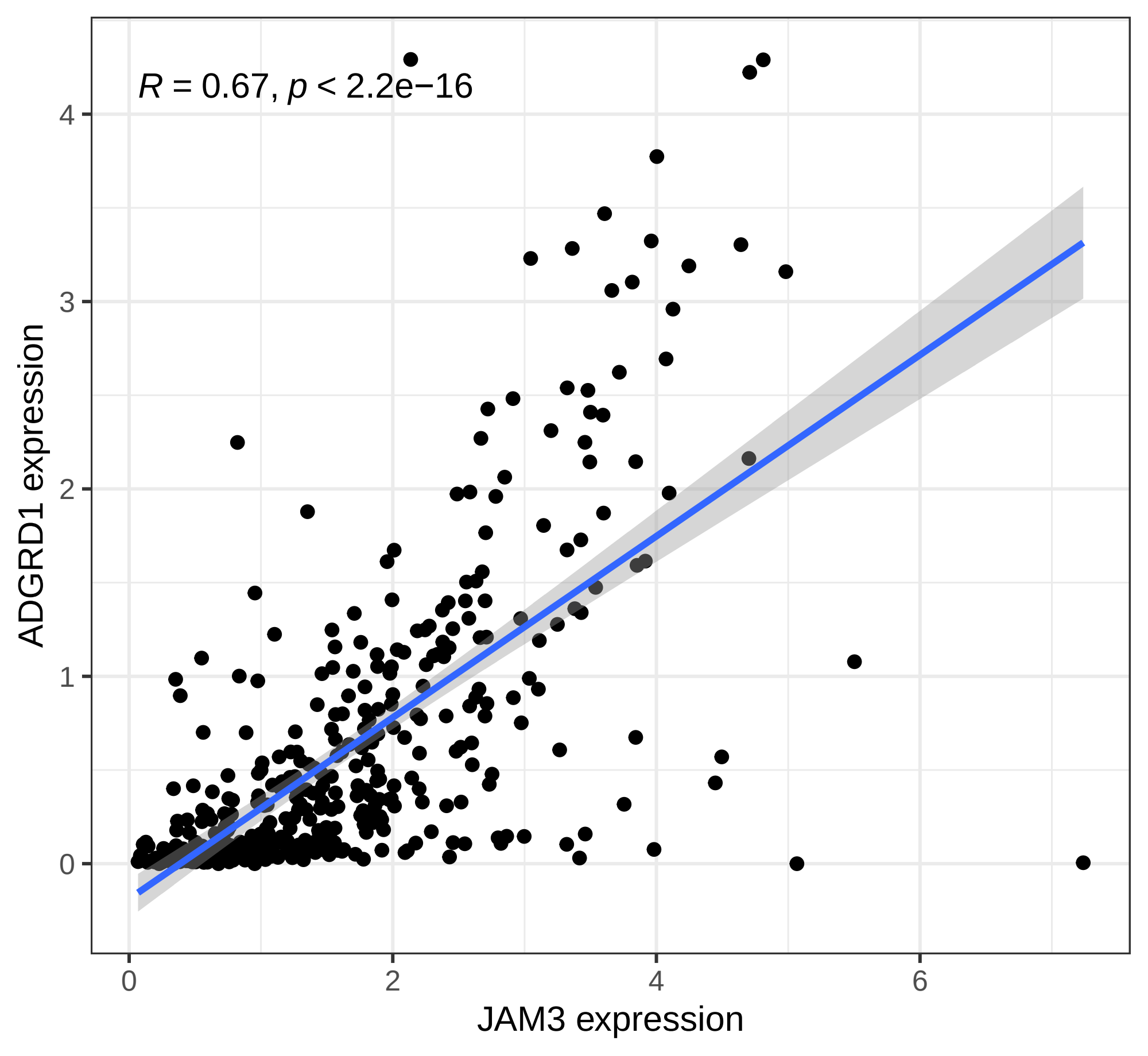
2.5
5.0
7.5
0
2
4
6


R = 0.67, p < 2.2e−16
ADGRD1 expression
JAM3 expression
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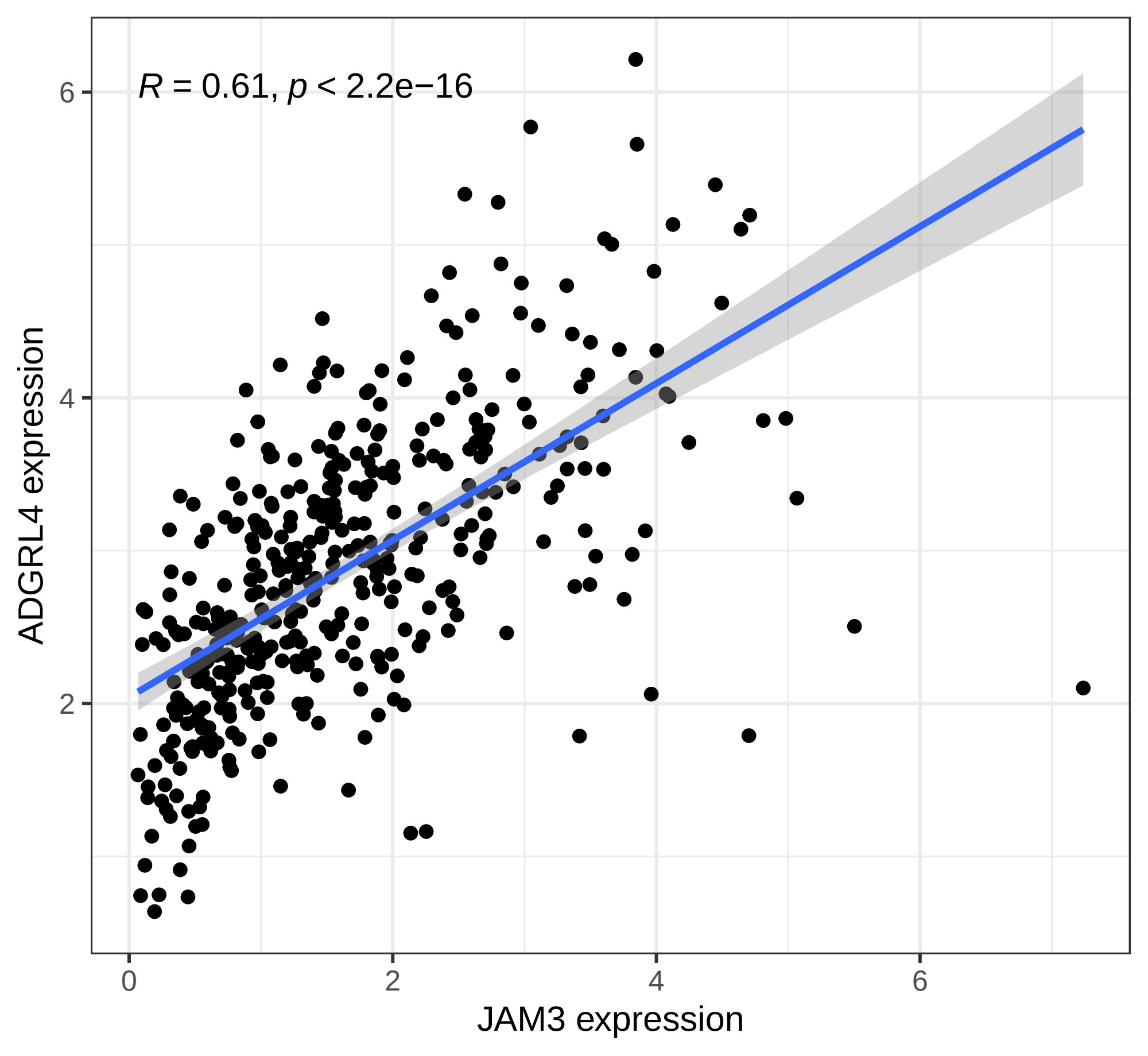
1
2
3
4
0
2
4
6


R = 0.61, p < 2.2e−16
ADGRL4 expression
JAM3 expression
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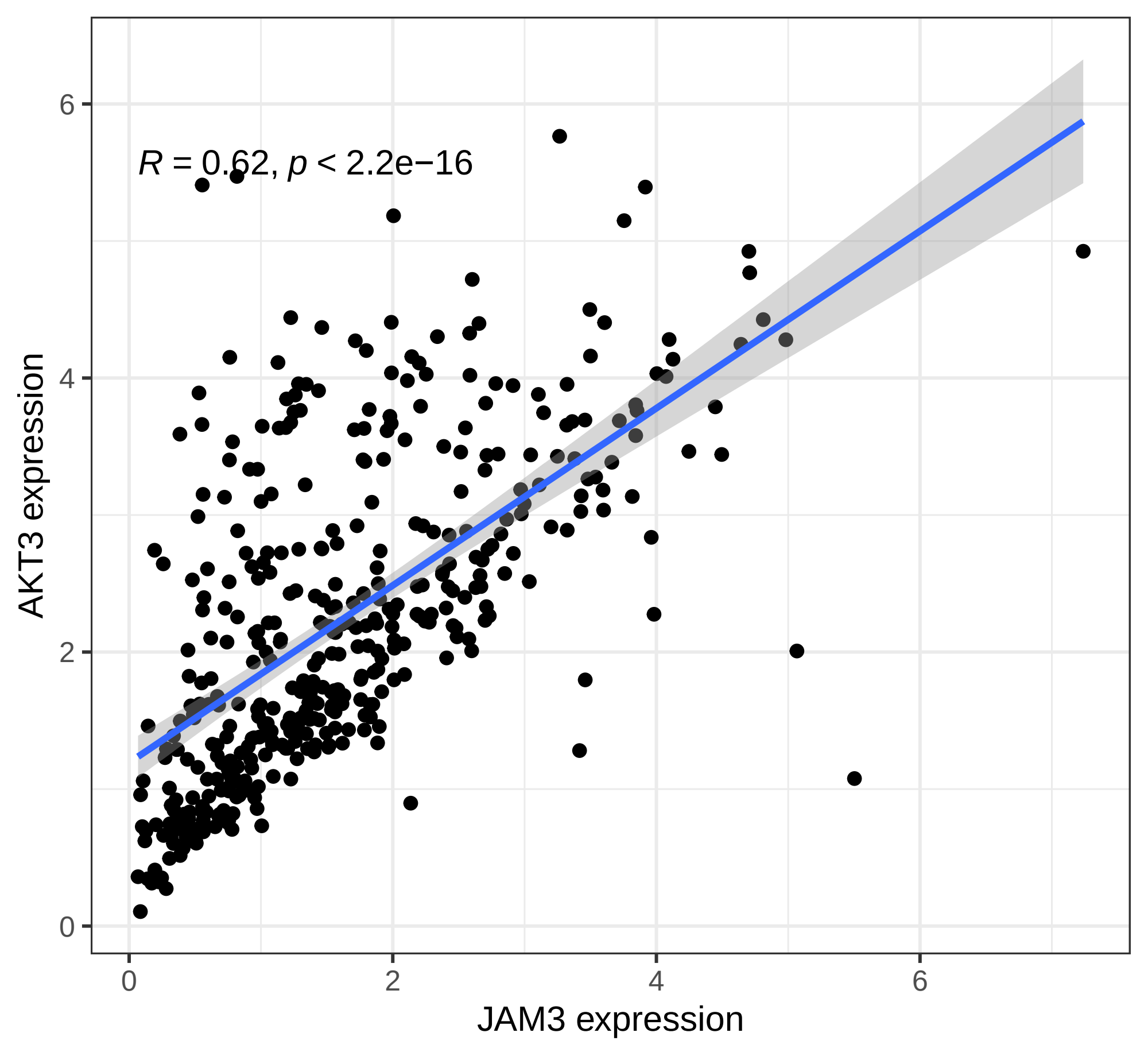
2
4
6
2
4
6


R = 0.62, p < 2.2e−16
AKT3 expression
JAM3 expression
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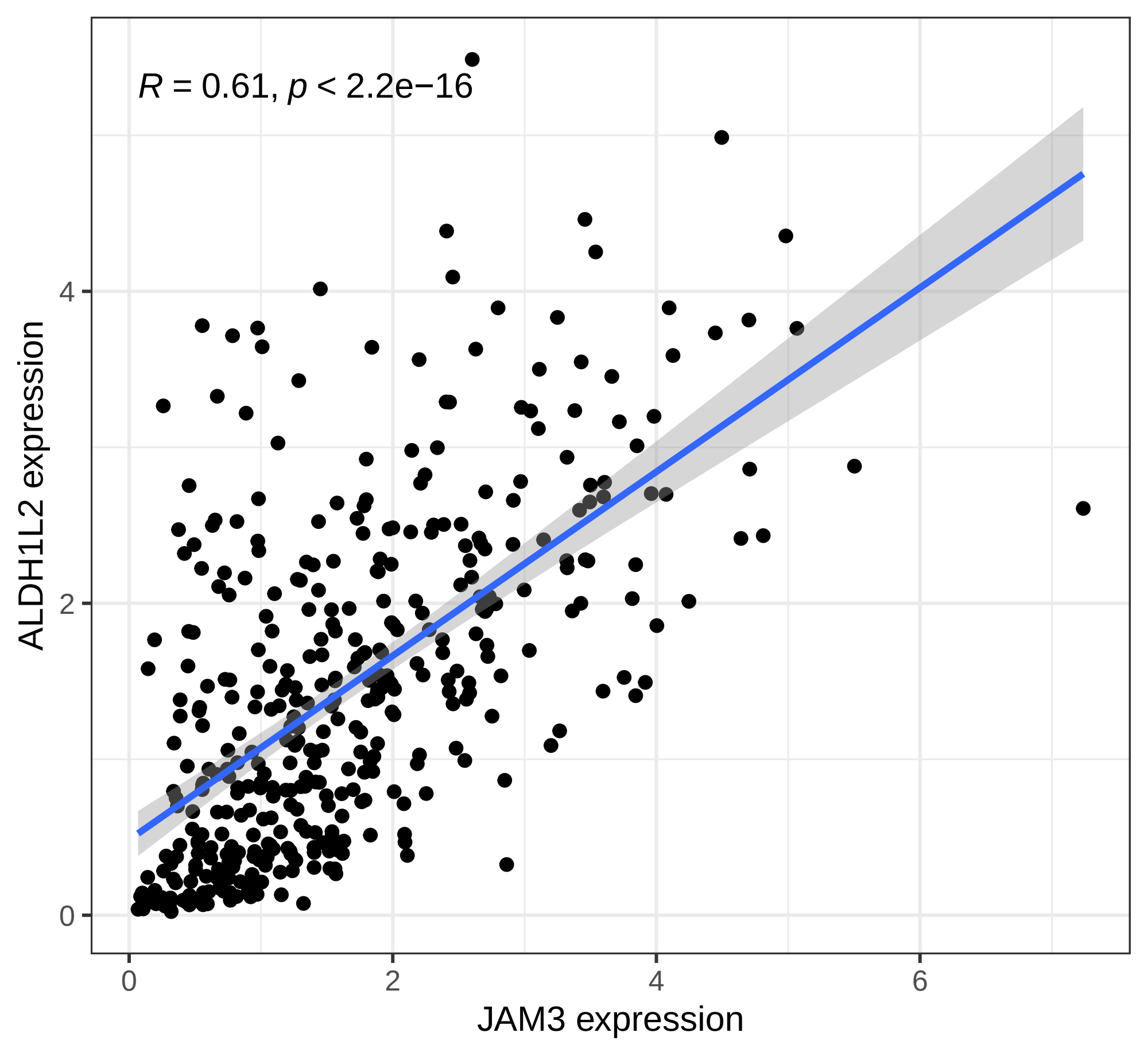
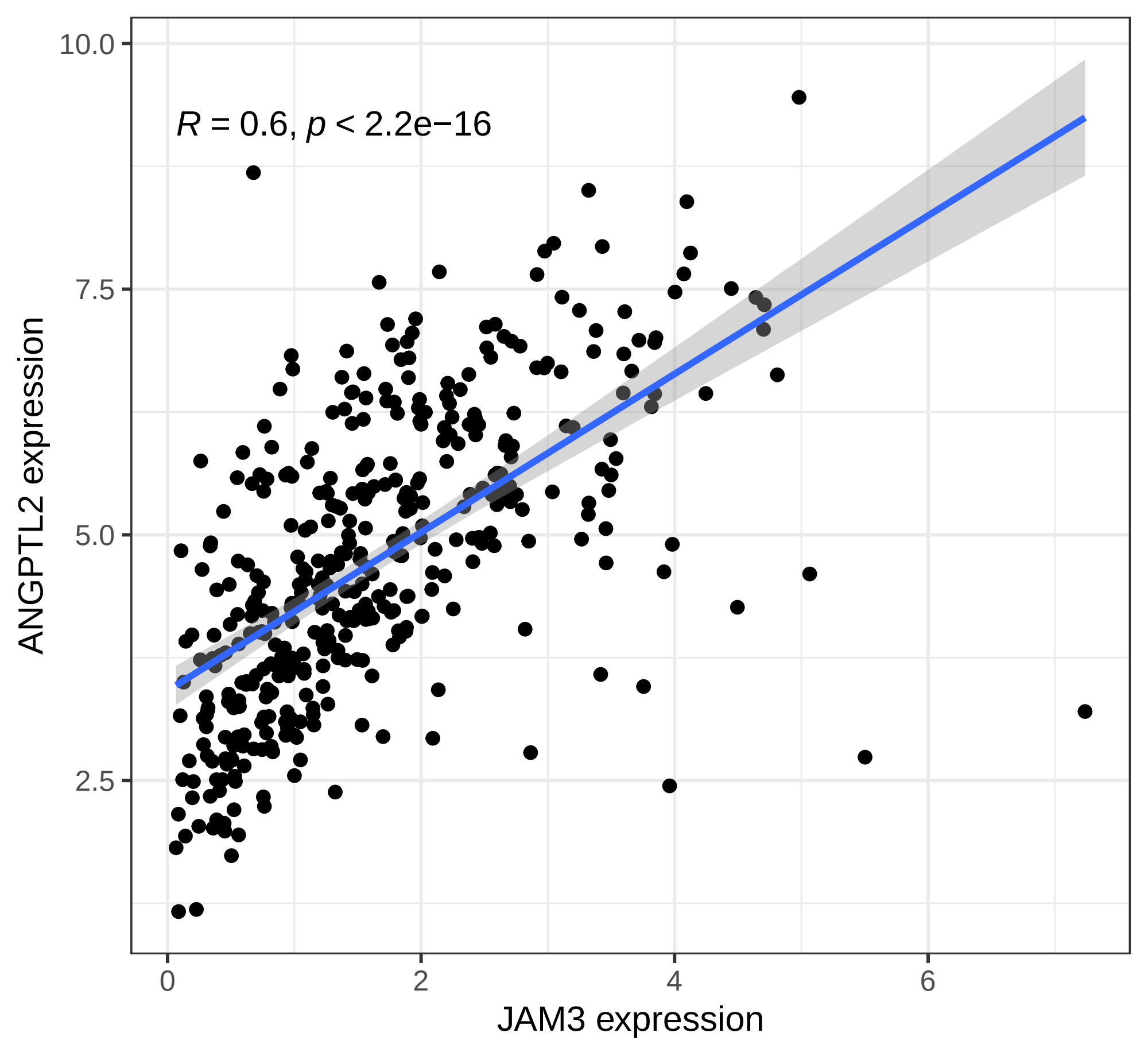
2
4
6
0
2
4
6


R = 0.61, p < 2.2e−16
ALDH1L2 expression
JAM3 expression
0
2
4
0
2
4
6


R = 0.6, p < 2.2e−16
ANGPTL2 expression
JAM3 expression
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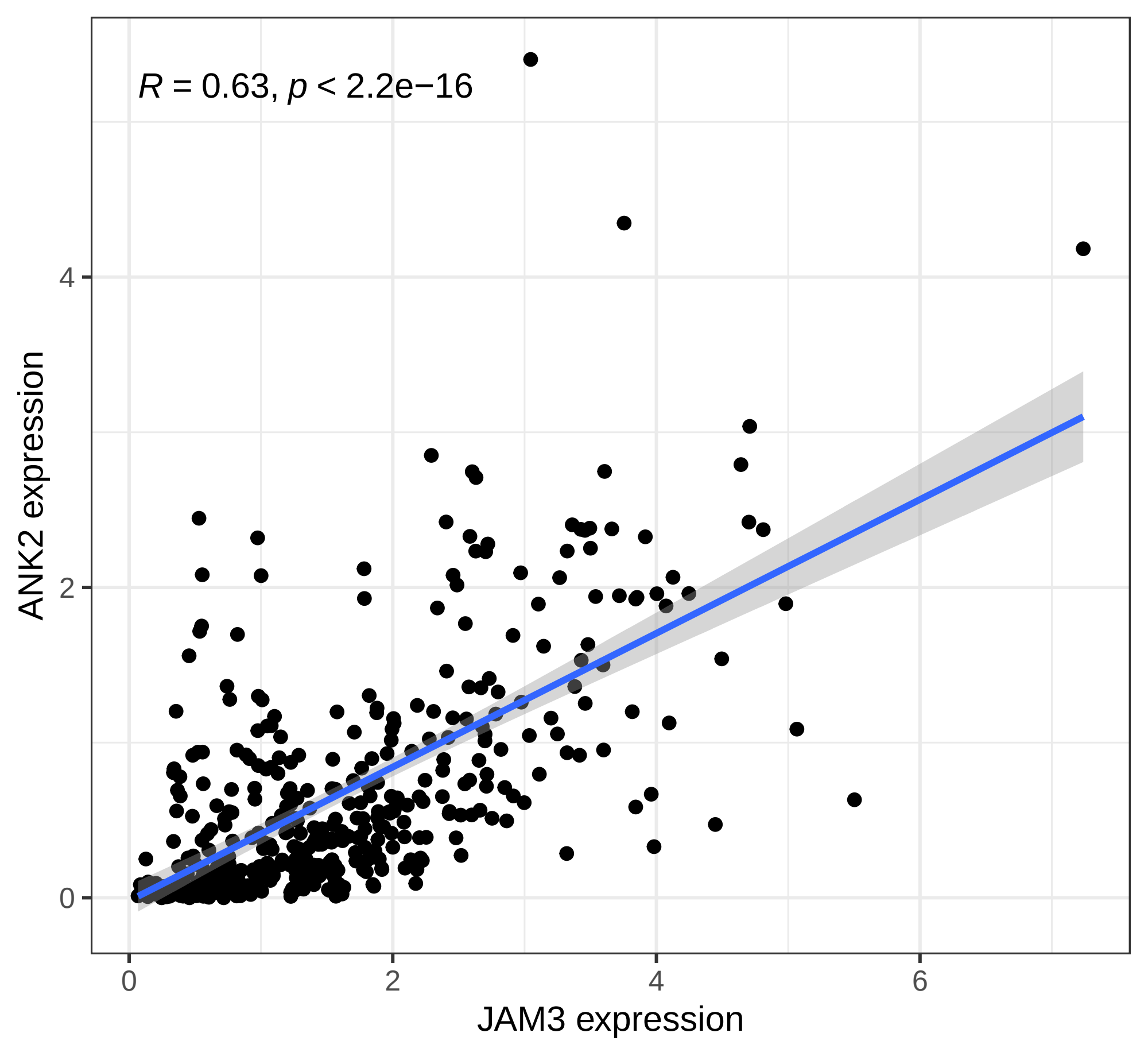
7.5
5.0
2.5
0
2
4
6


R = 0.63, p < 2.2e−16
ANK2 expression
JAM3 expression
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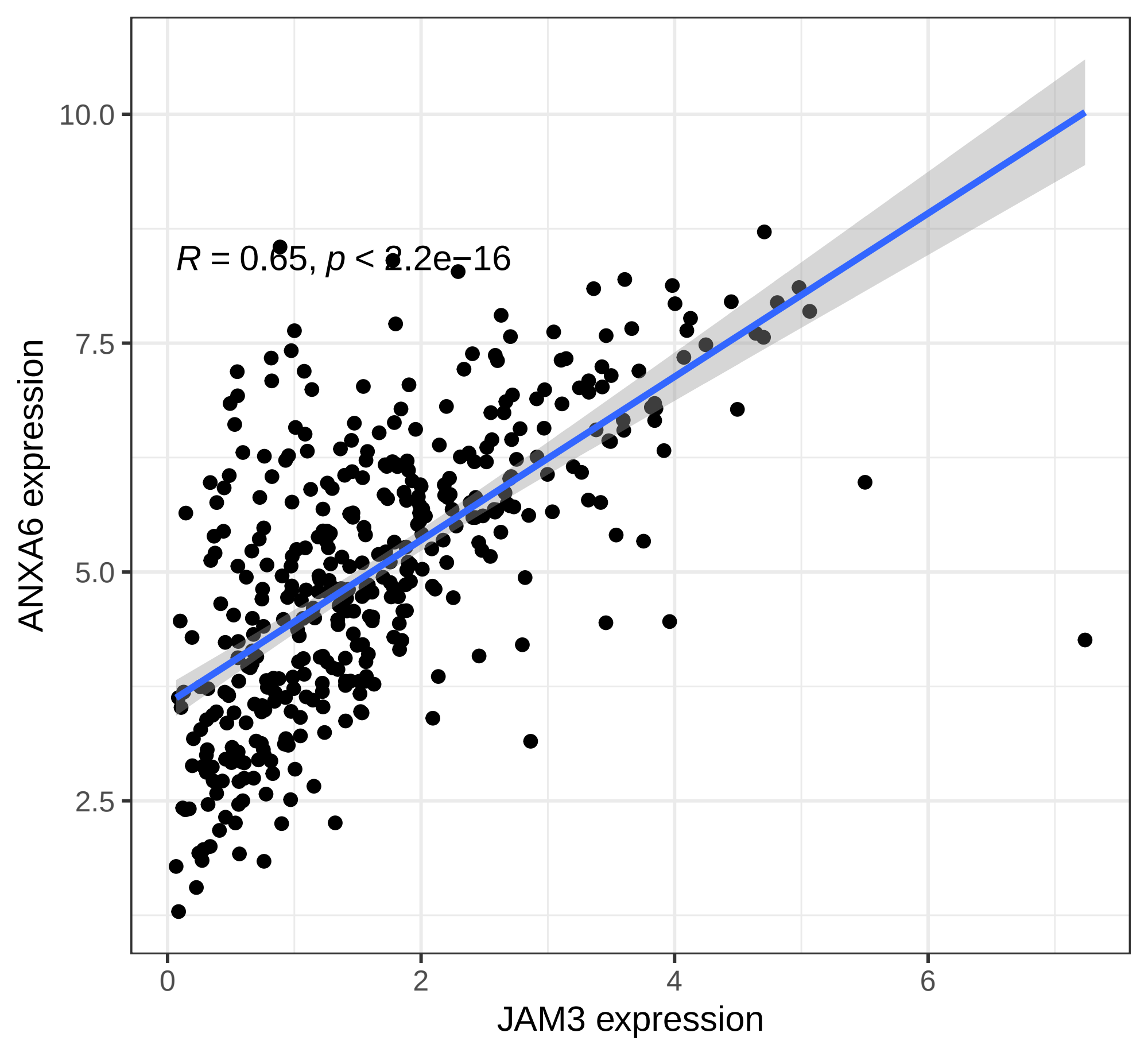
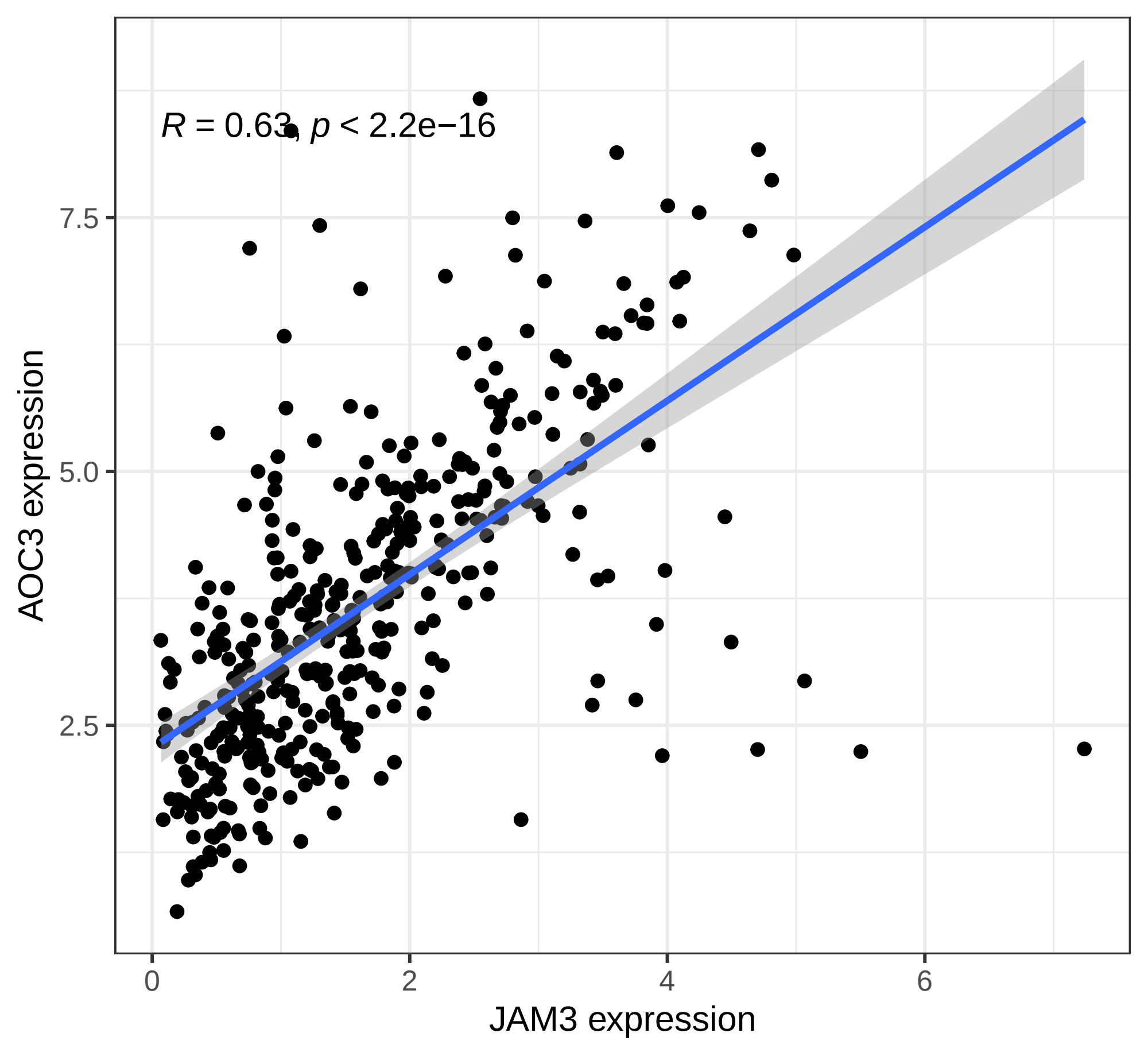
2
4
0
2
4
6


R = 0.65, p < 2.2e−16
ANXA6 expression
JAM3 expression
10.0
7.5
5.0
2.5
0
2
4
6


R = 0.63, p < 2.2e−16
AOC3 expression
7.5
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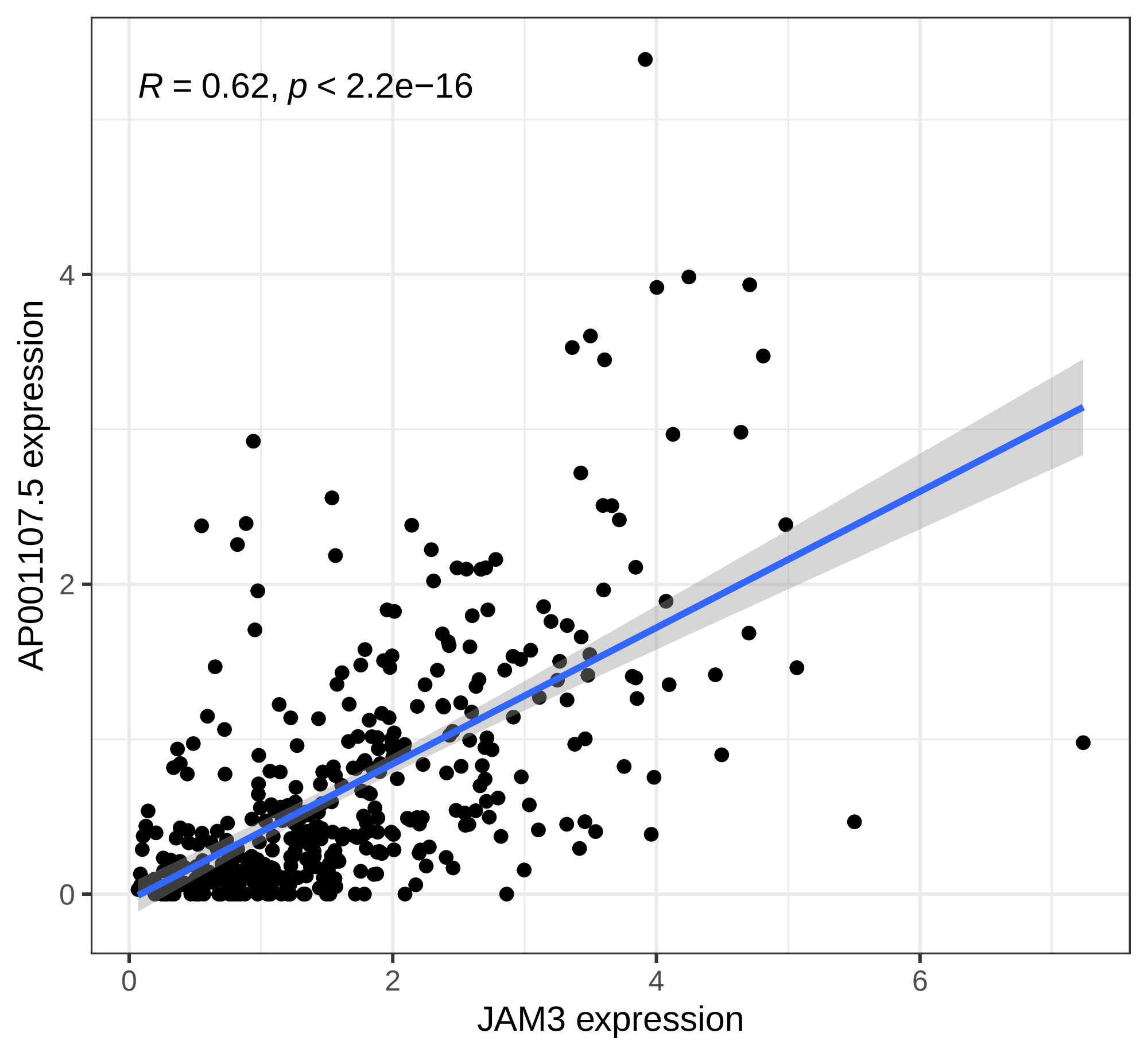
2.5
0
2
4
6
JAM3 expression


R = 0.62, p < 2.2e−16
AP001107.5 expression
JAM3 expression
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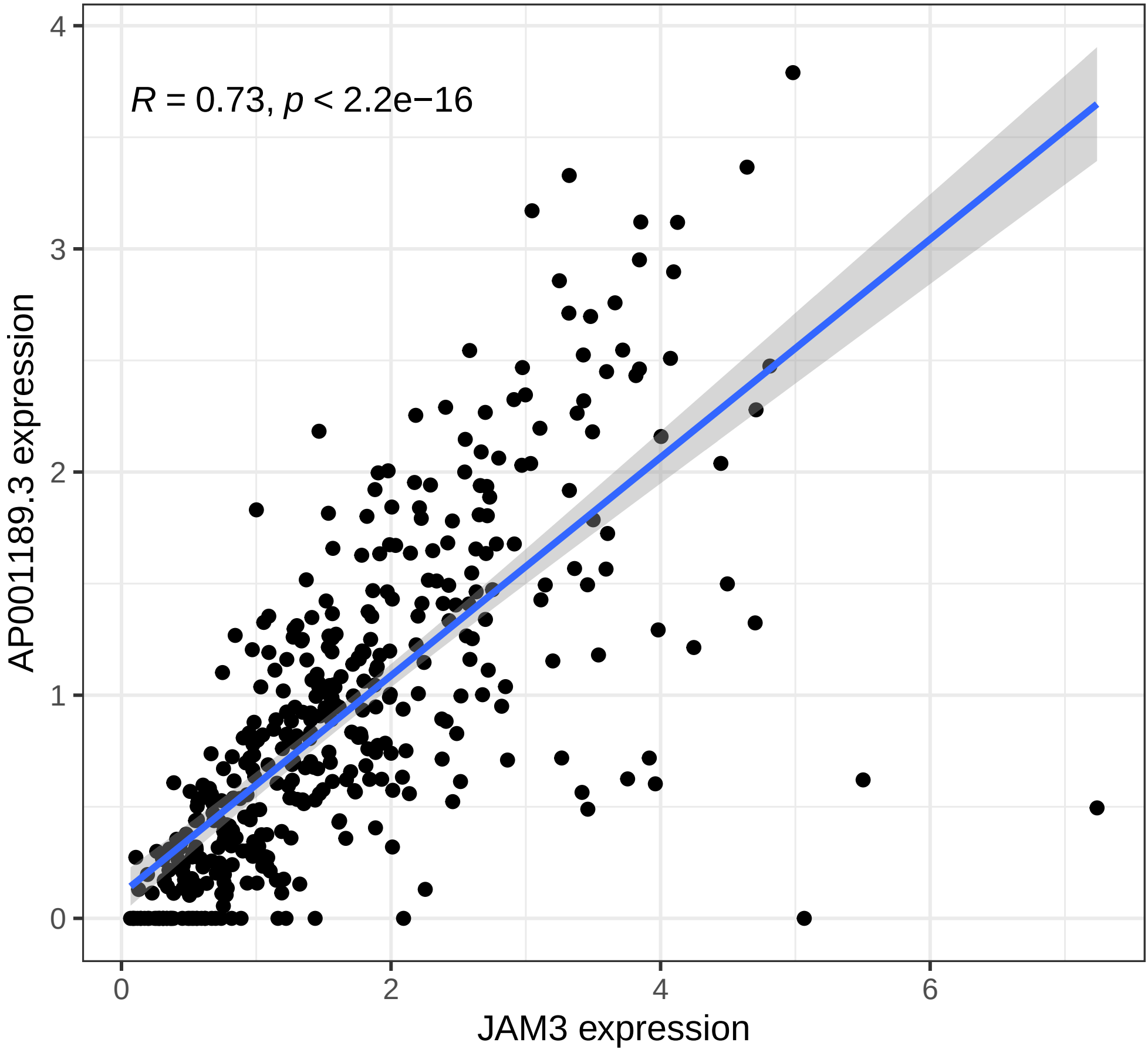
2
4
0
2
4
6


R = 0.73, p < 2.2e−16
AP001189.3 expression
JAM3 expression
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3
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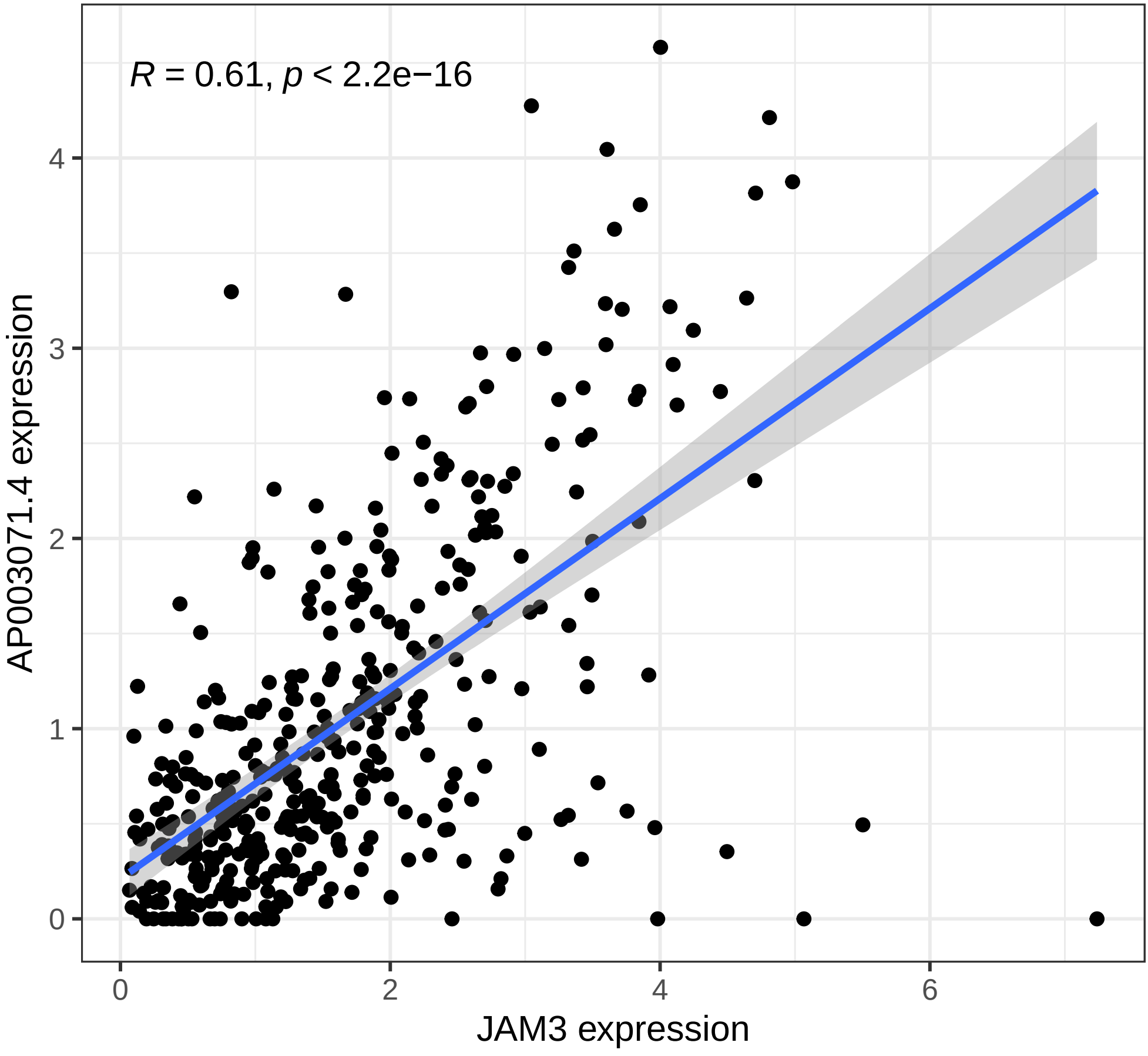
0
2
4
6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JAM3 expression
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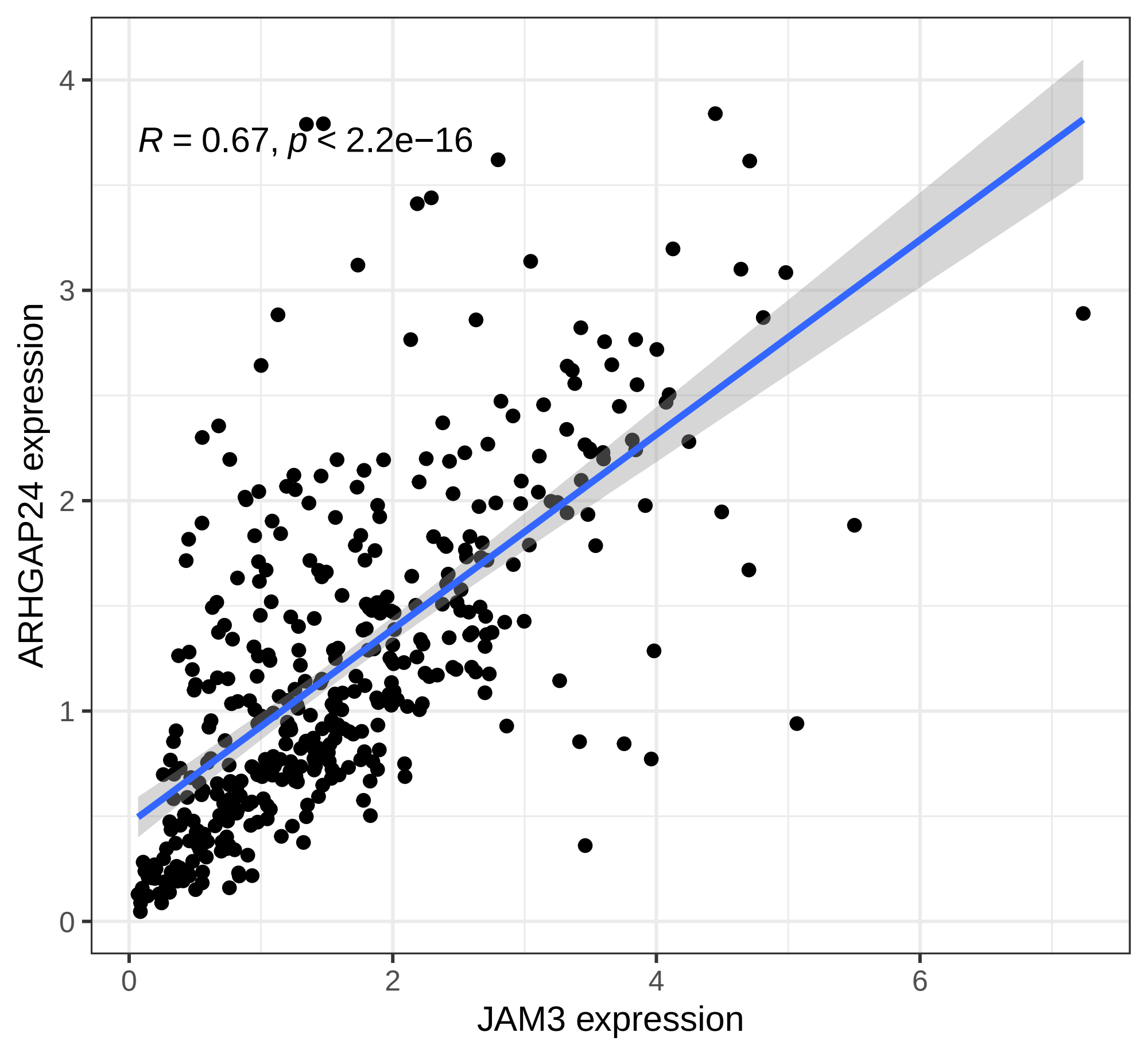
6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ARHGAP24 expression
JAM3 expression
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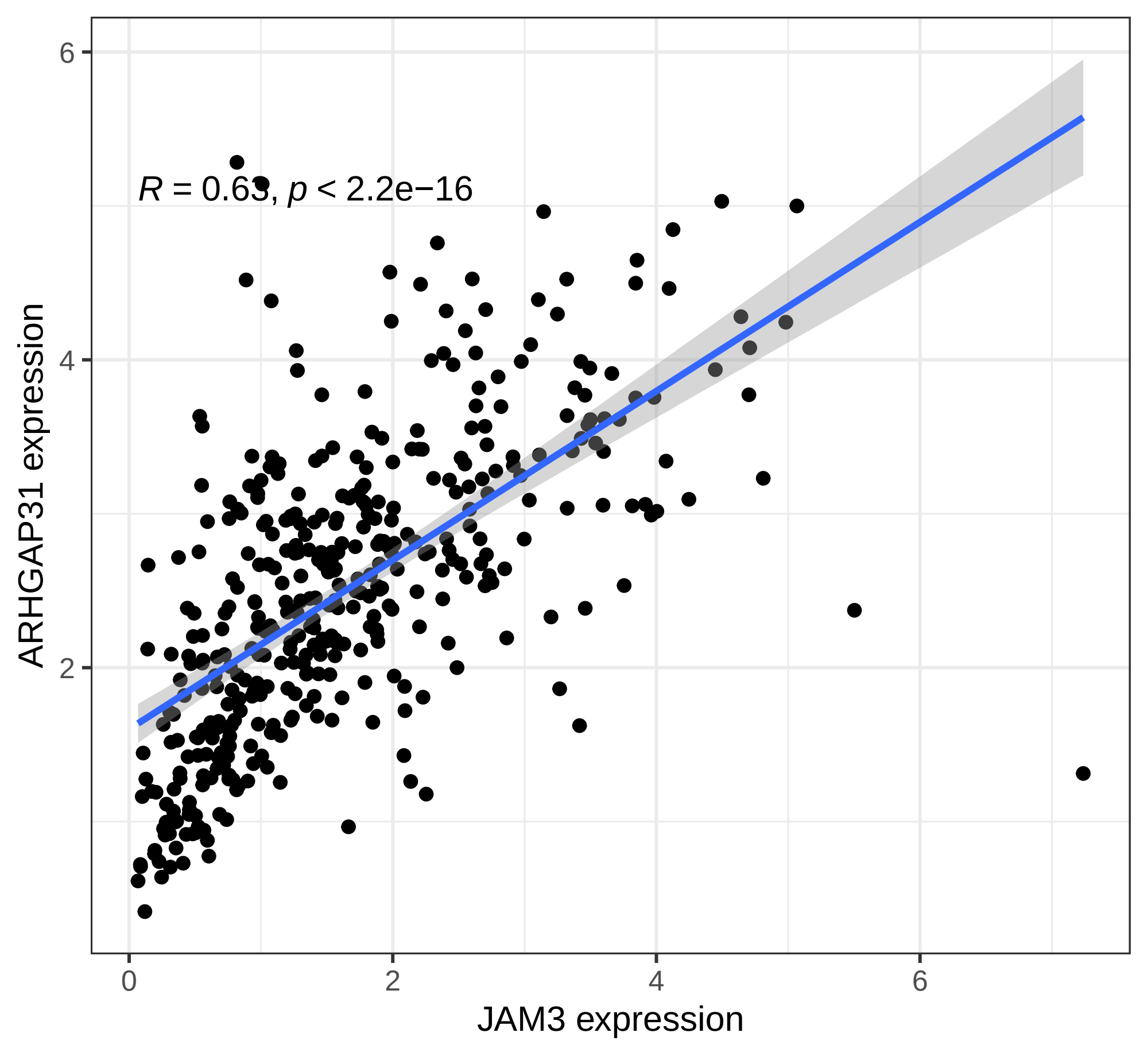
2
4
6


R = 0.63, p < 2.2e−16
ARHGAP31 expression
JAM3 expression
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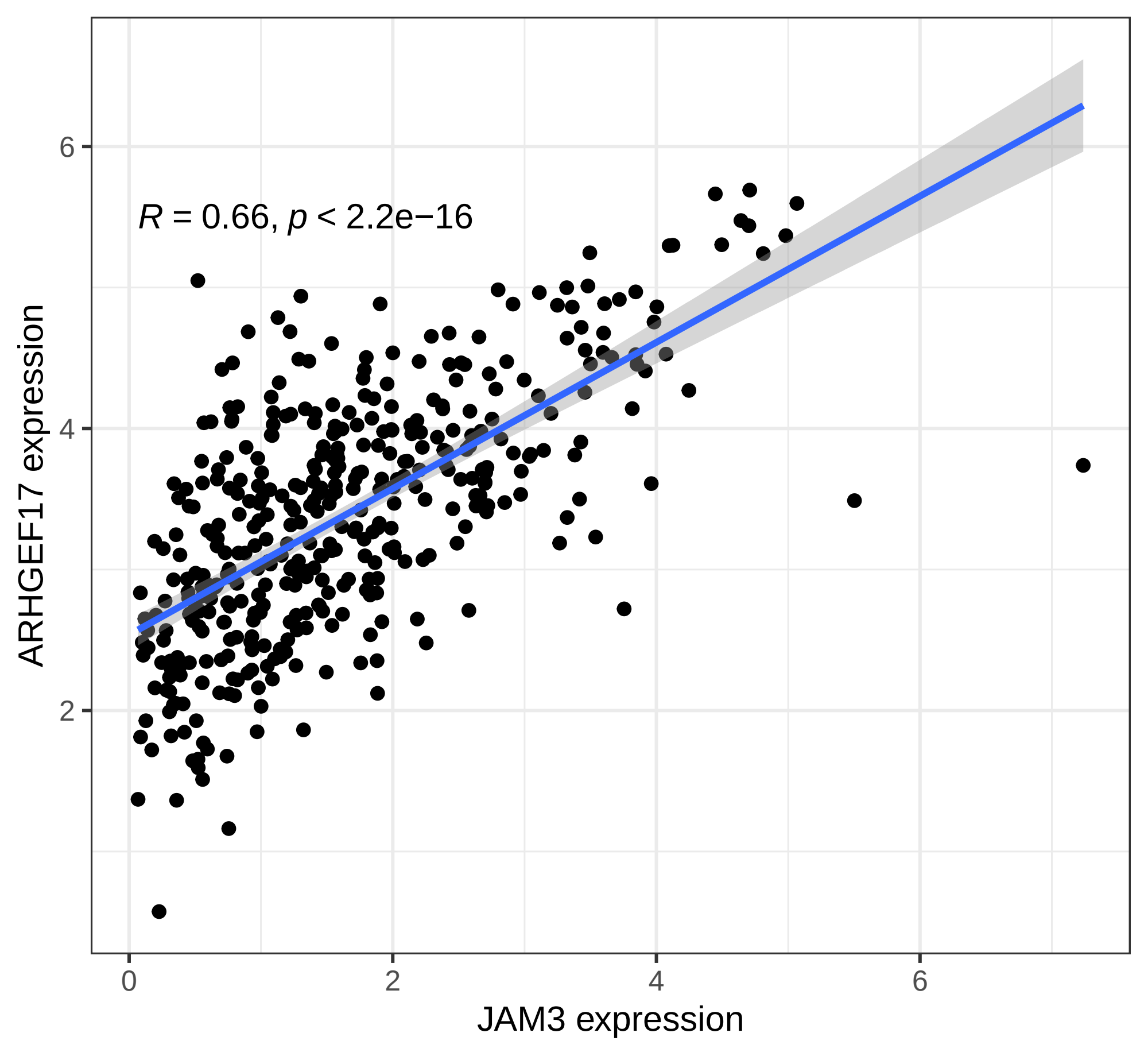
4
6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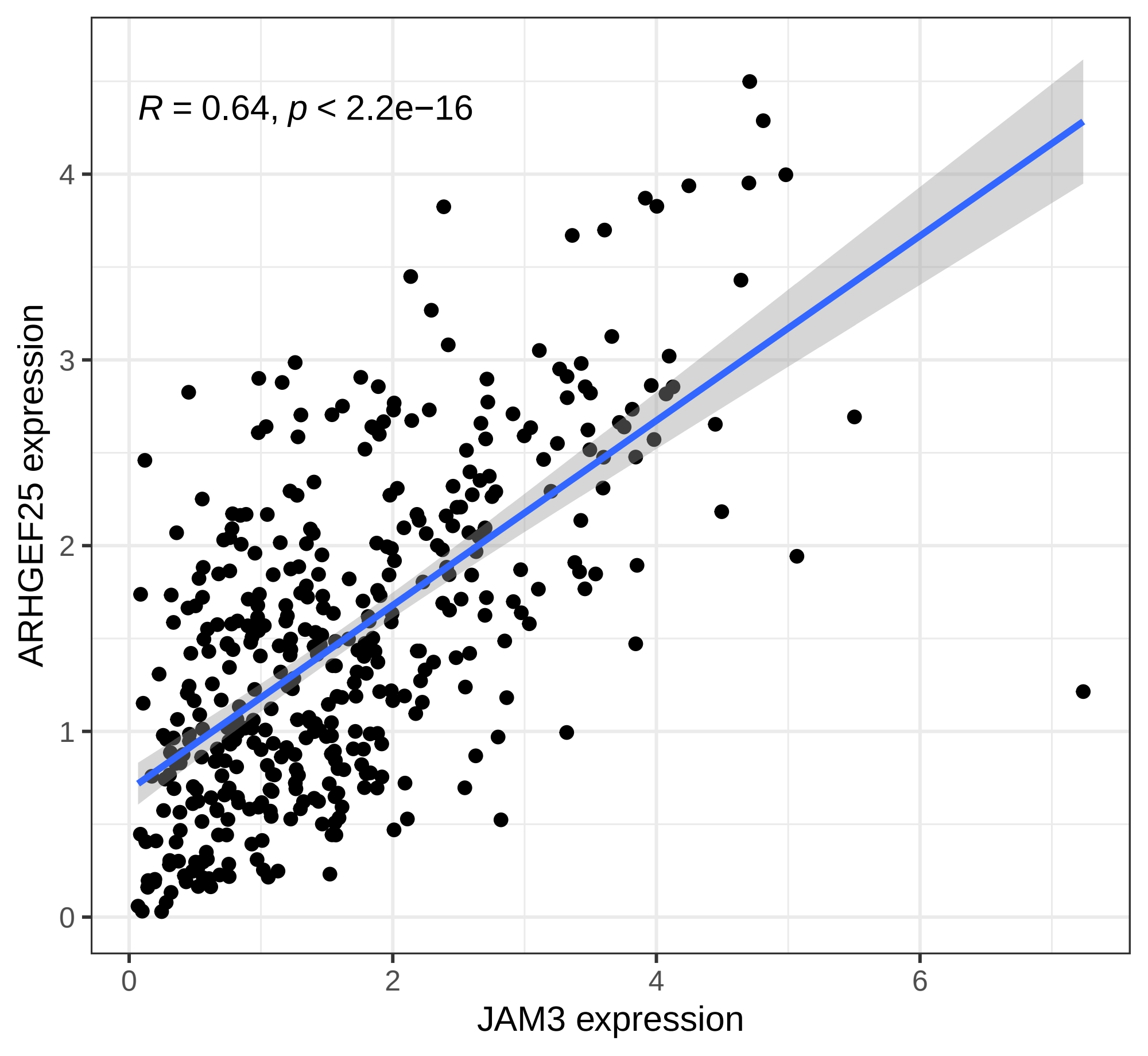
4
6


R = 0.64, p < 2.2e−16
ARHGEF25 expression
JAM3 expression
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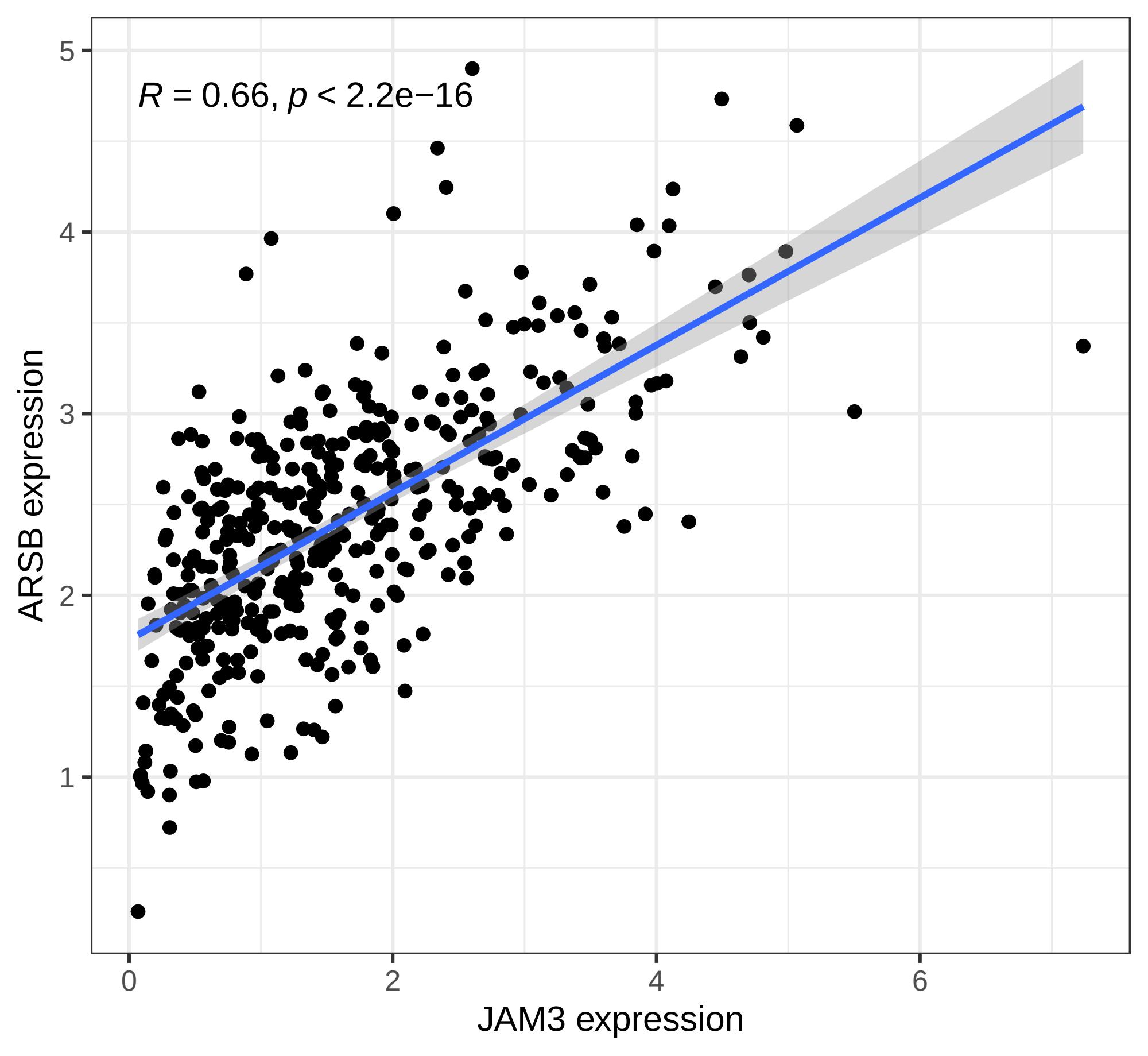
3
4
0
2
4
6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ARSB expression
JAM3 expression
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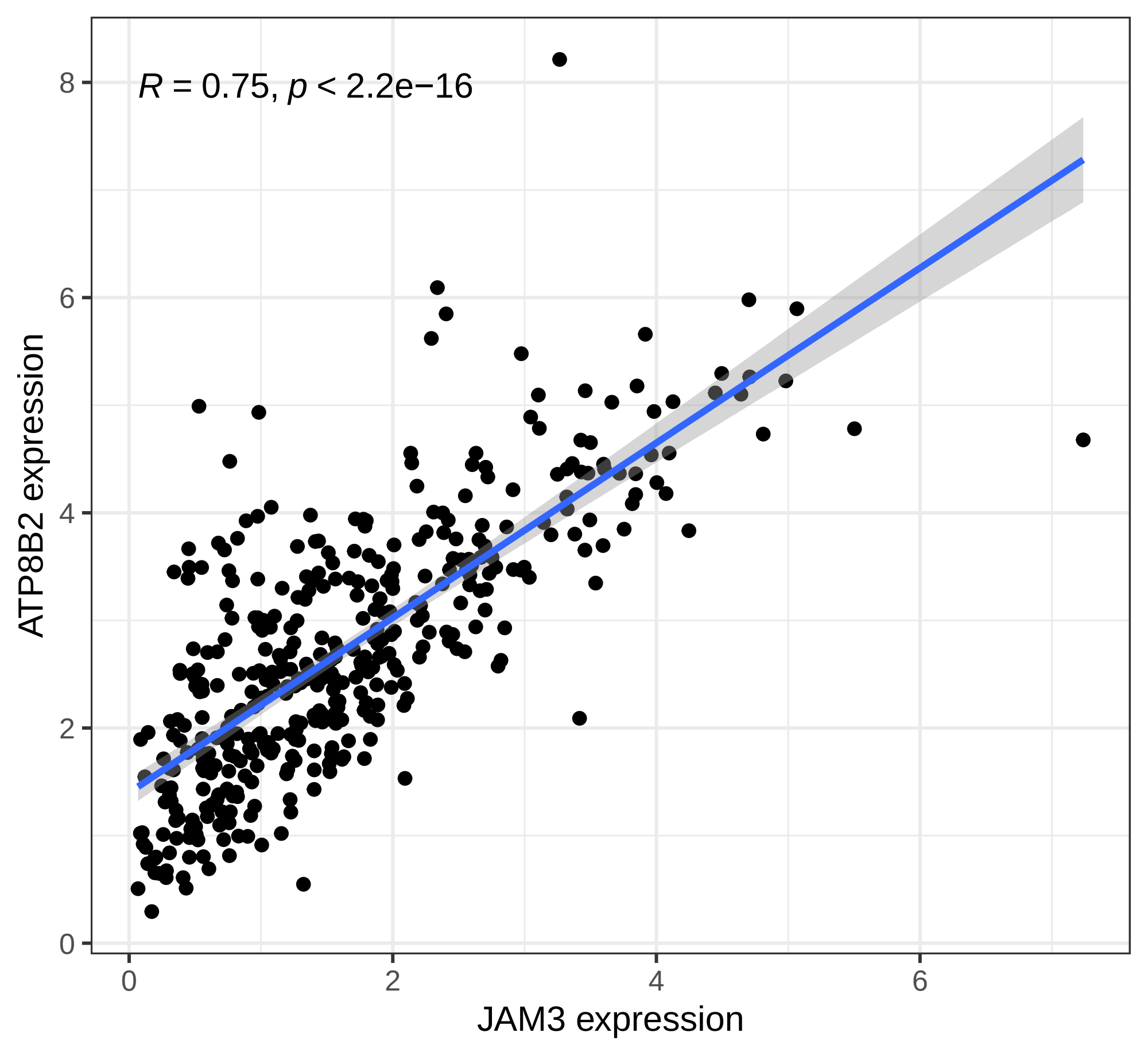
2
4
6


R = 0.75, p < 2.2e−16
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JAM3 expression
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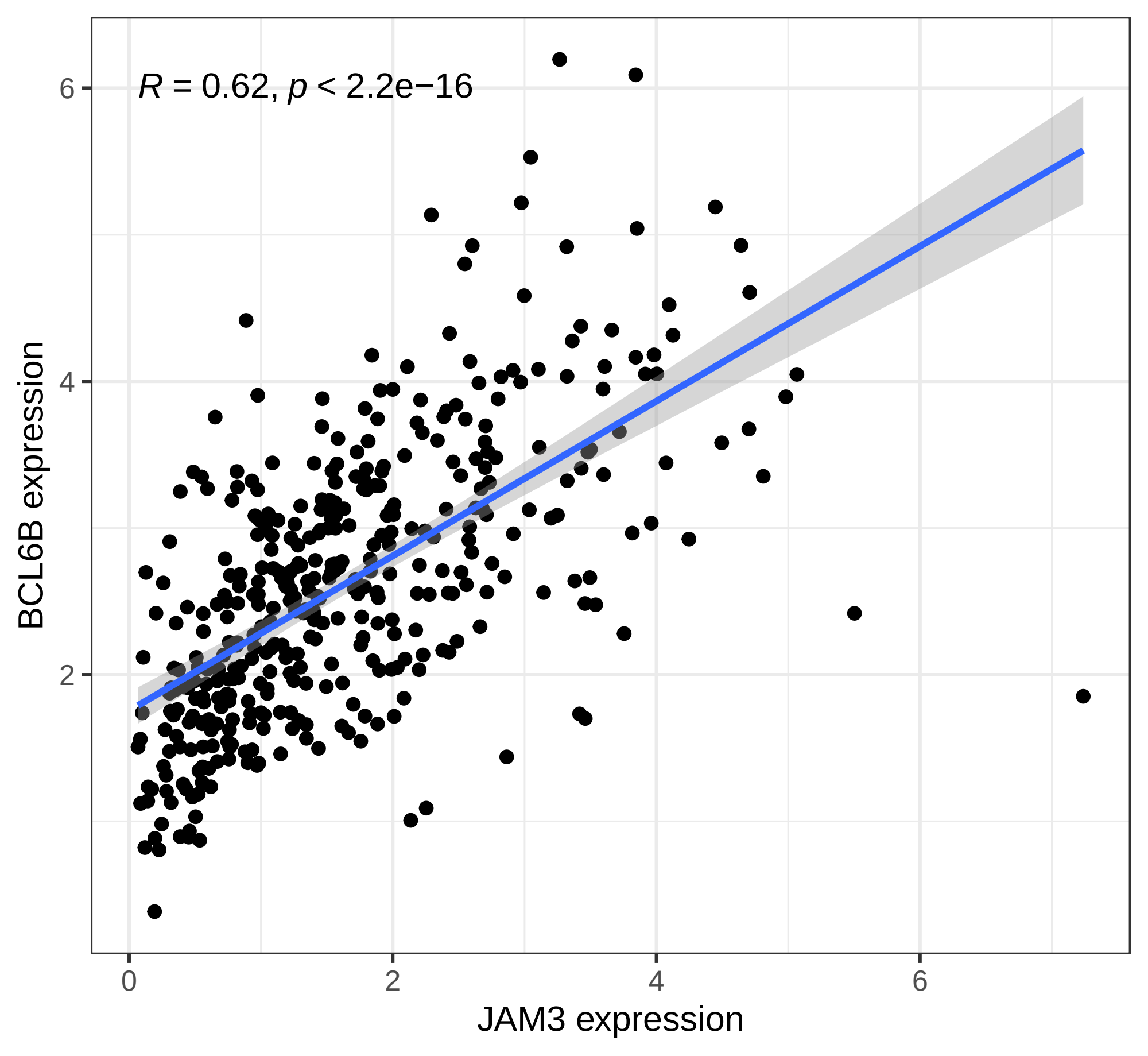
4
6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BCL6B expression
JAM3 expression
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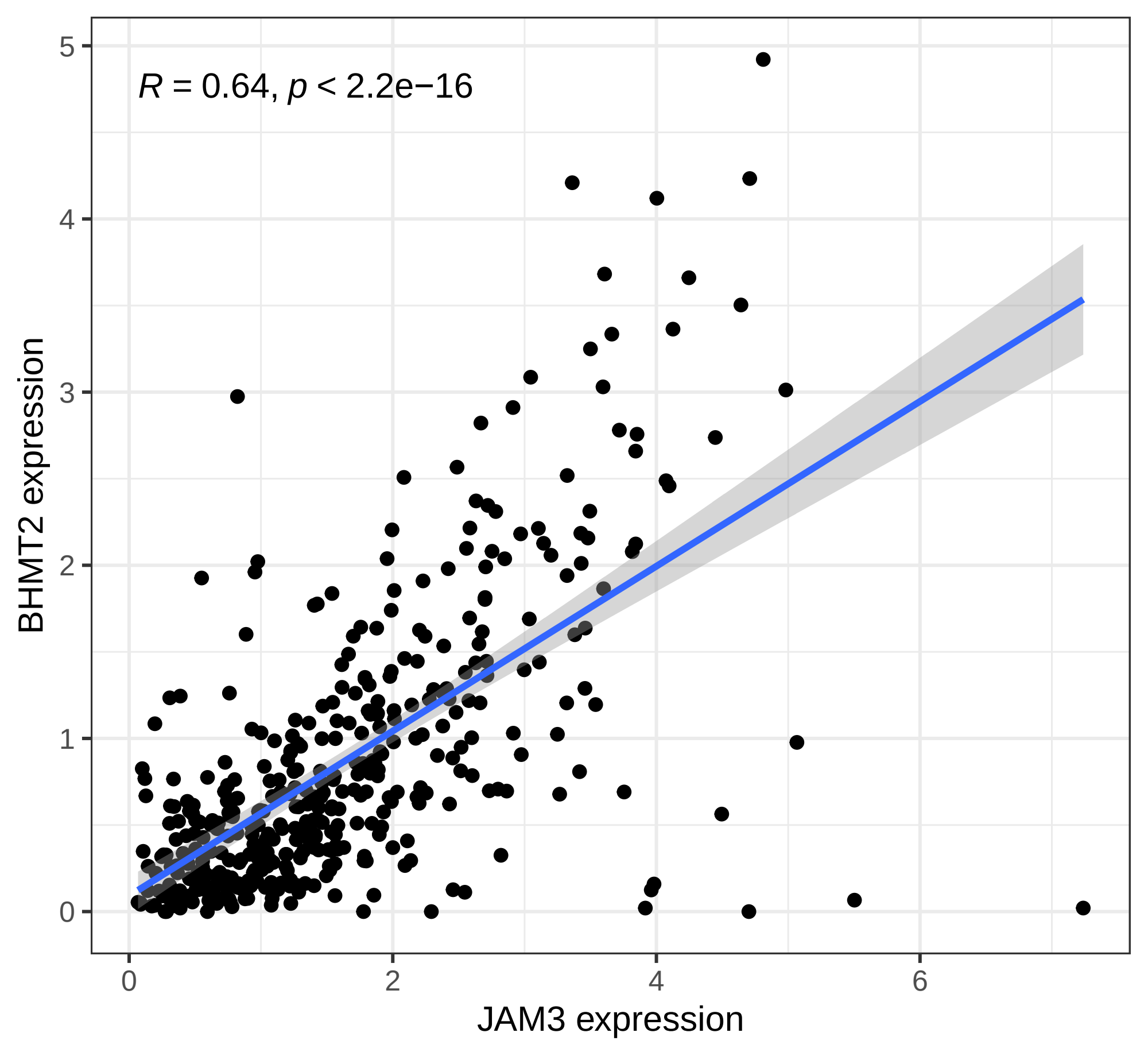
6
2
4
6


R = 0.64, p < 2.2e−16
BHMT2 expression
JAM3 expression
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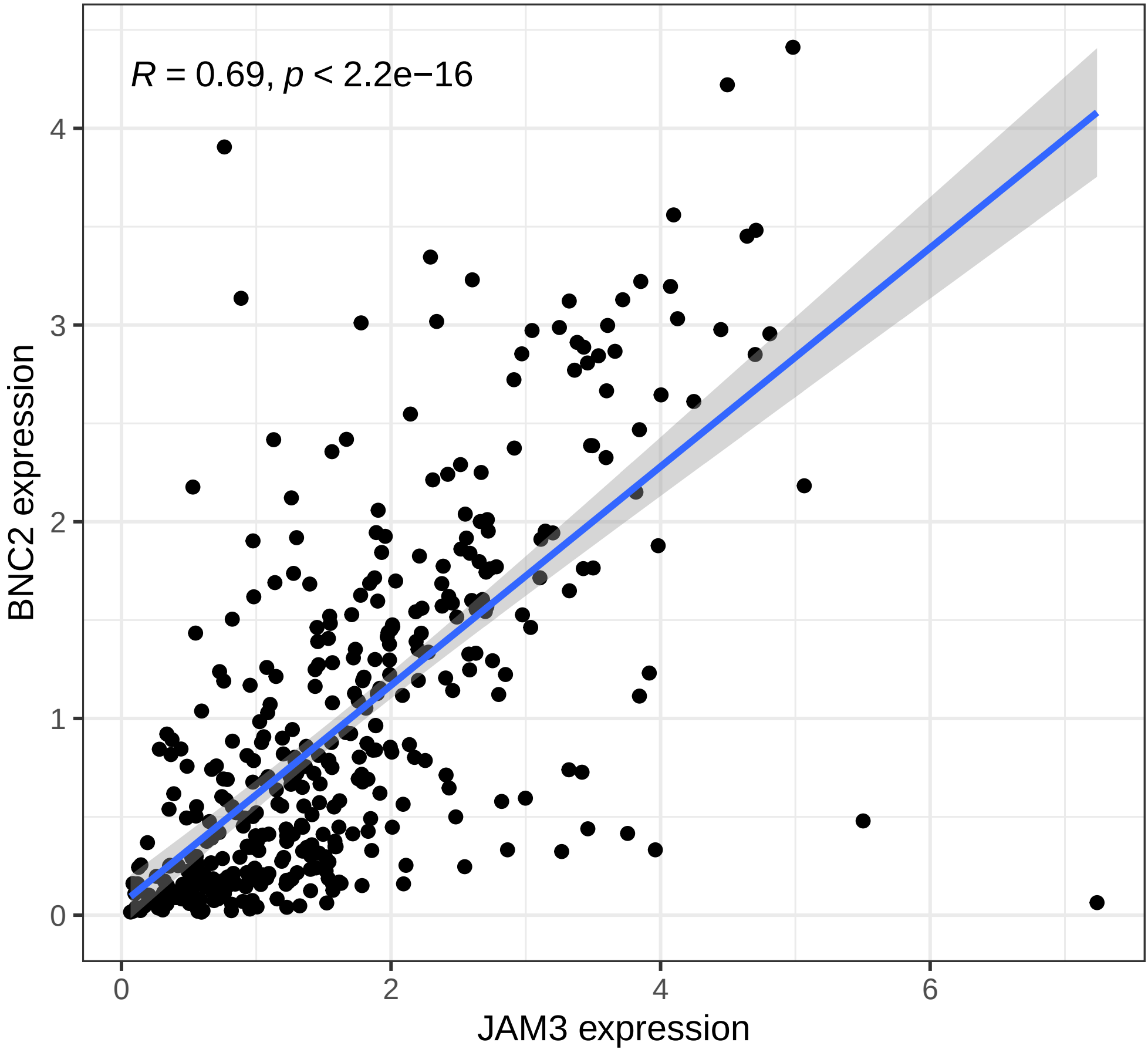
0
2
4
6


R = 0.69, p < 2.2e−16
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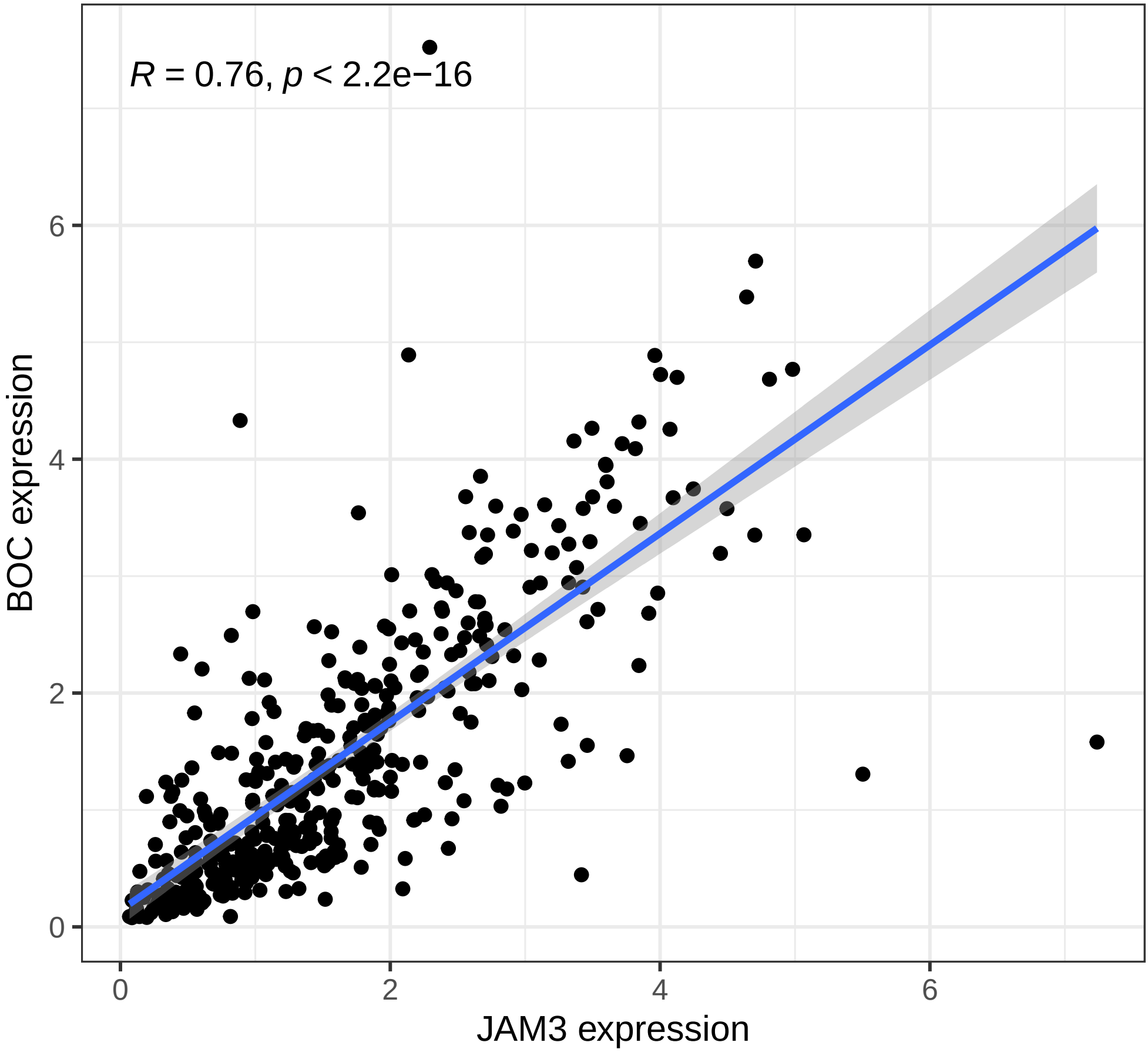
0
2
4
6


R = 0.76, p < 2.2e−16
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JAM3 expression
0
2
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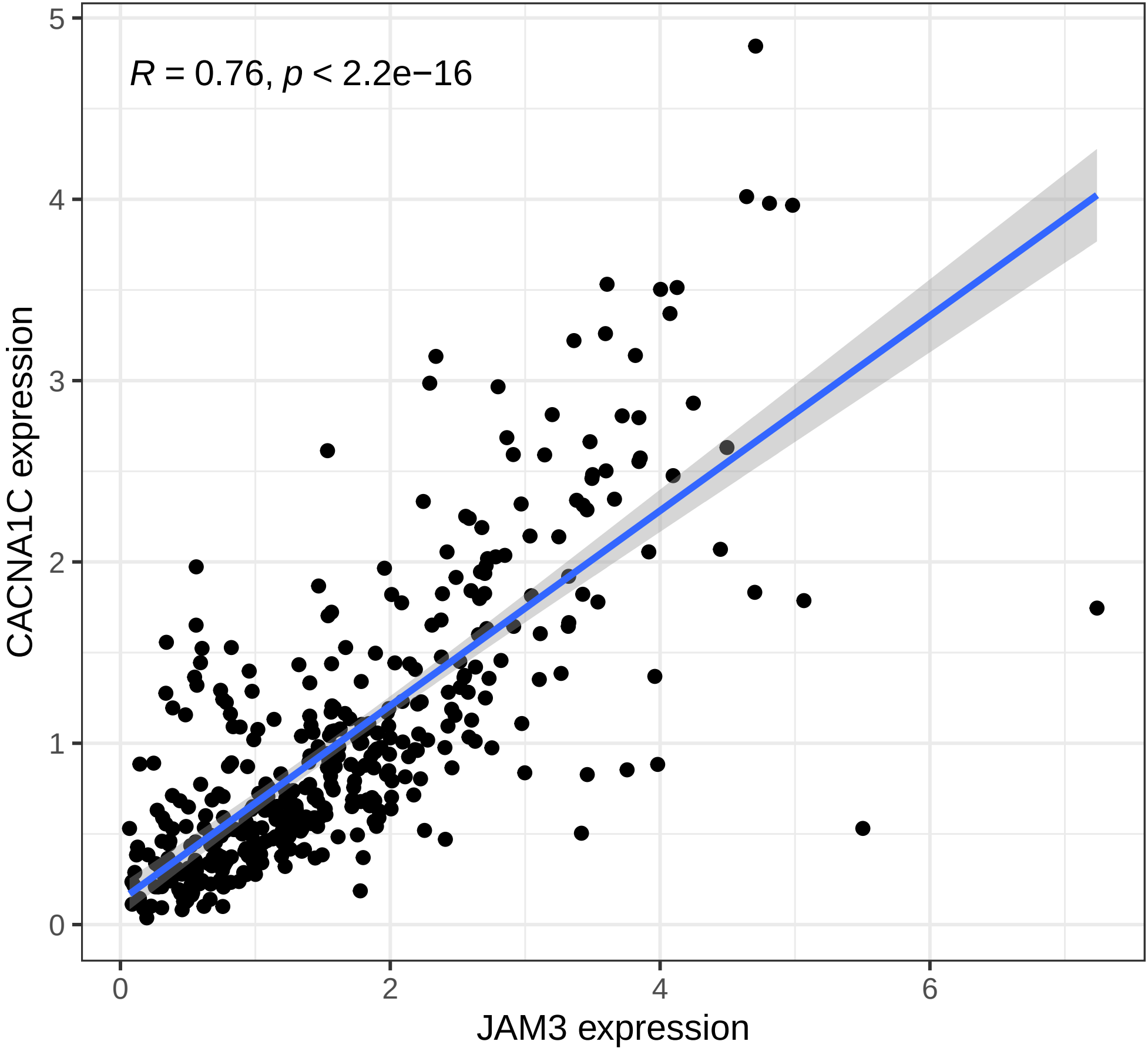
6
0
2
4
6


R = 0.76, p < 2.2e−16
CACNA1C expression
JAM3 expression
0
1
2
3
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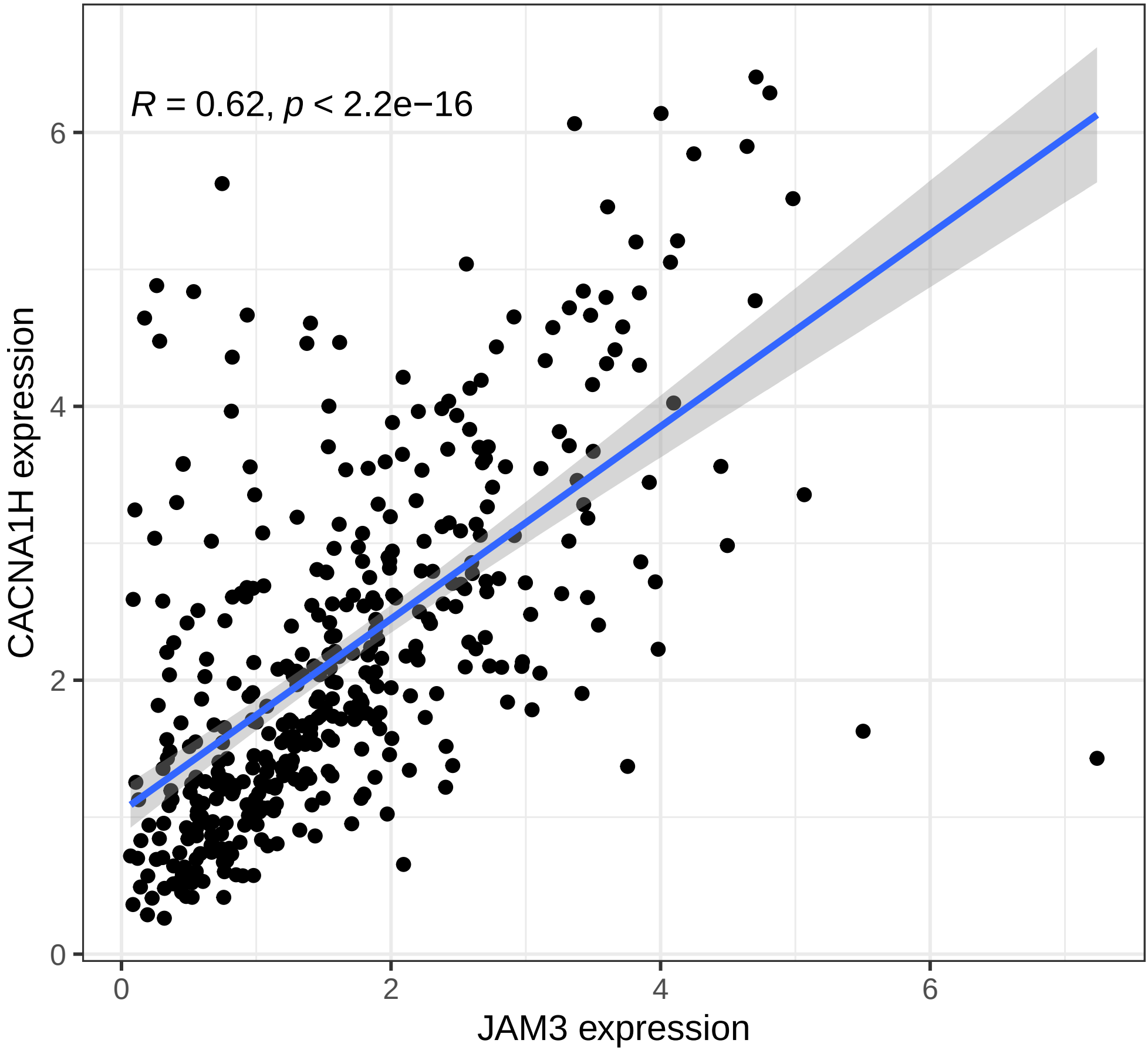
0
2
4
6


R = 0.62, p < 2.2e−16
CACNA1H expression
JAM3 expression
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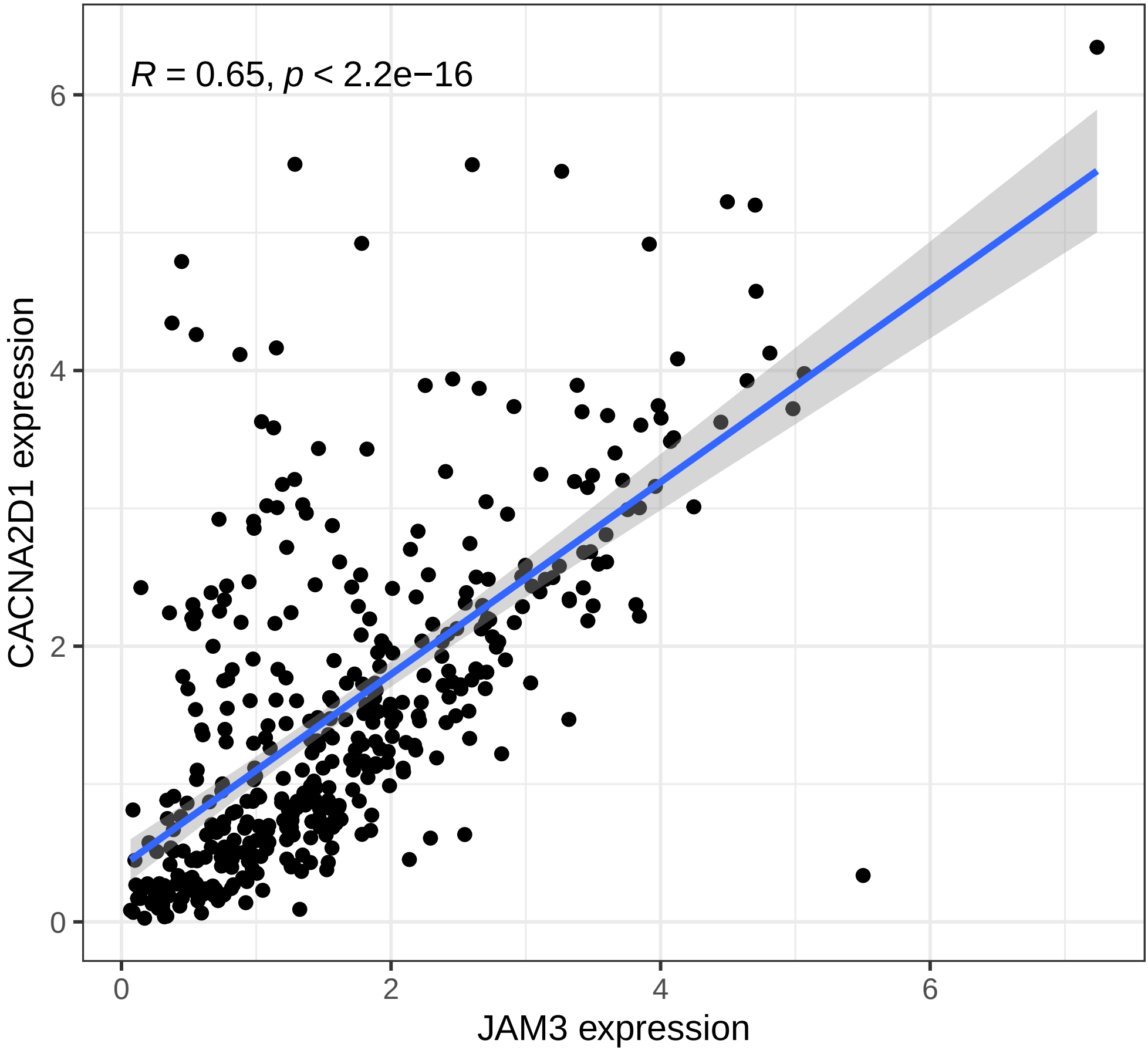
0
2
4
6


R = 0.65, p < 2.2e−16
CACNA2D1 expression
JAM3 expression
0
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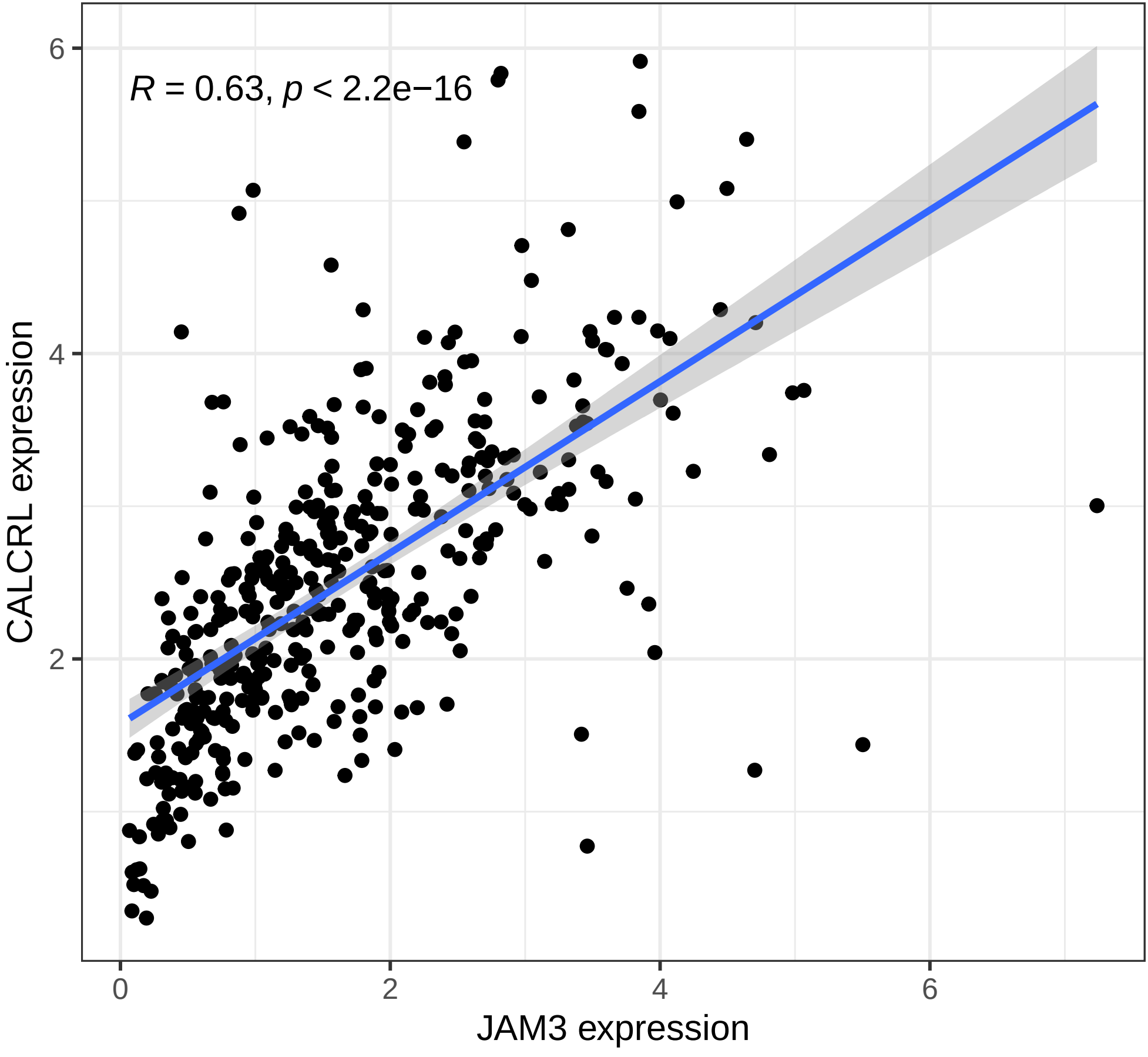
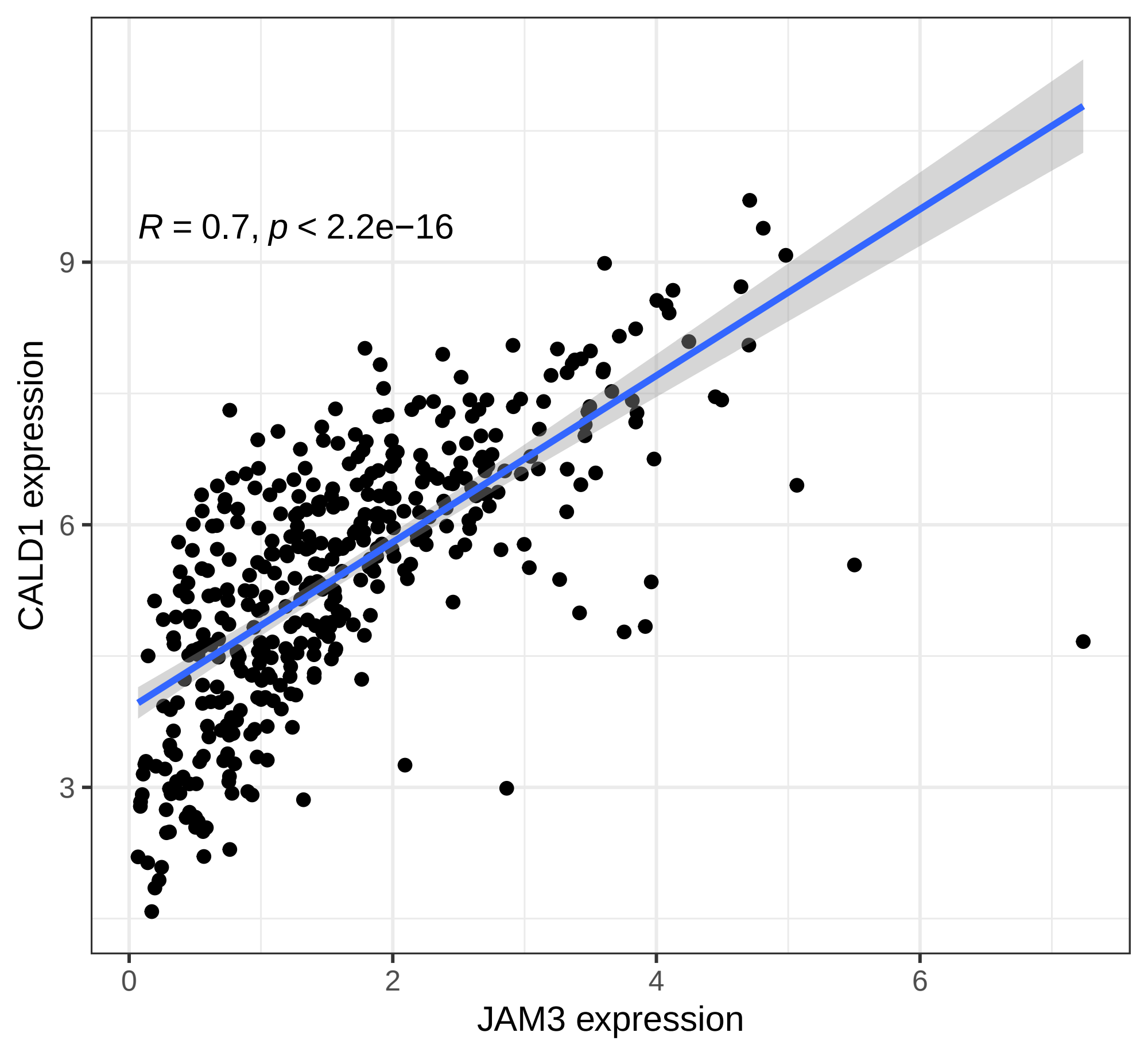
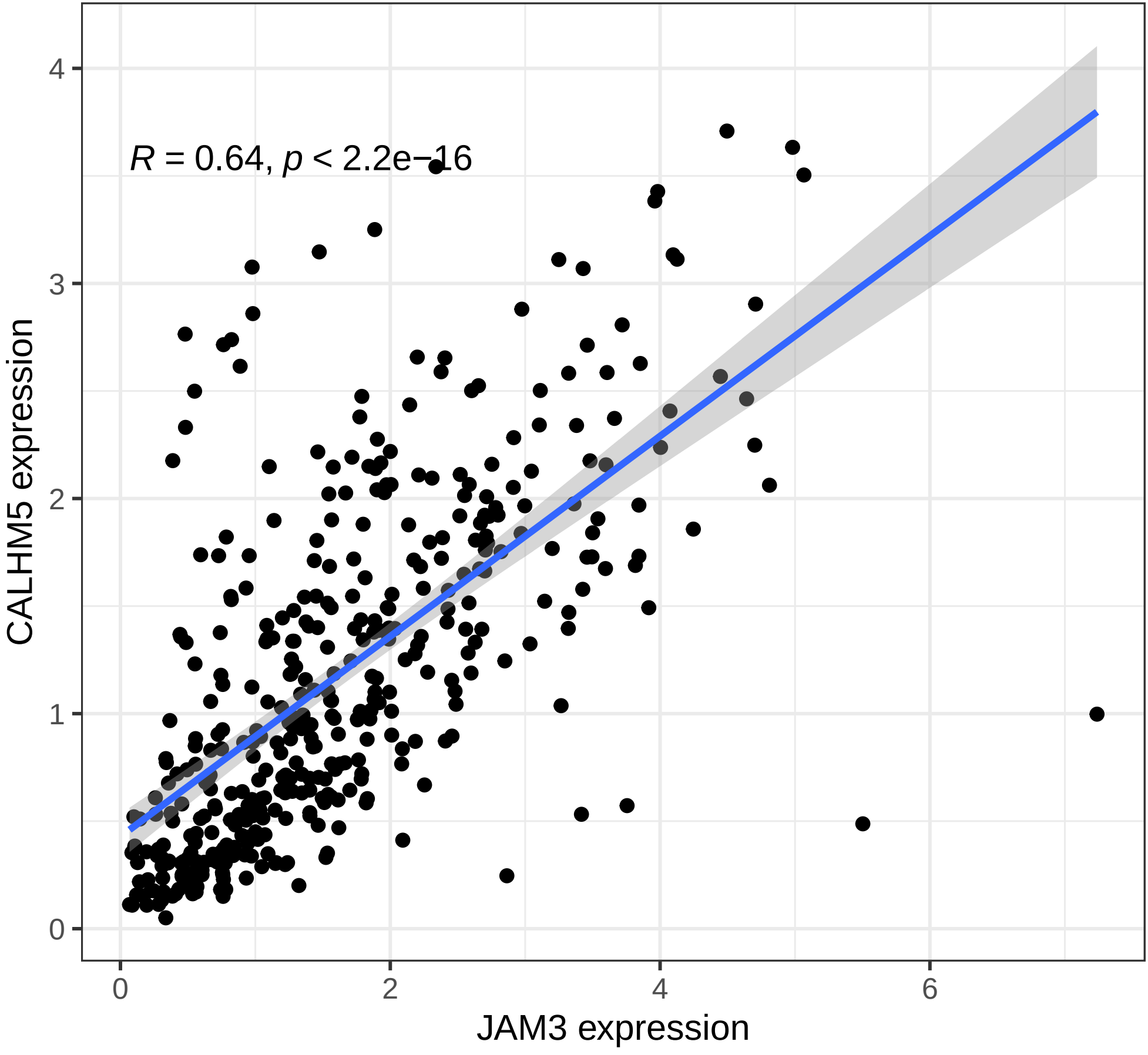
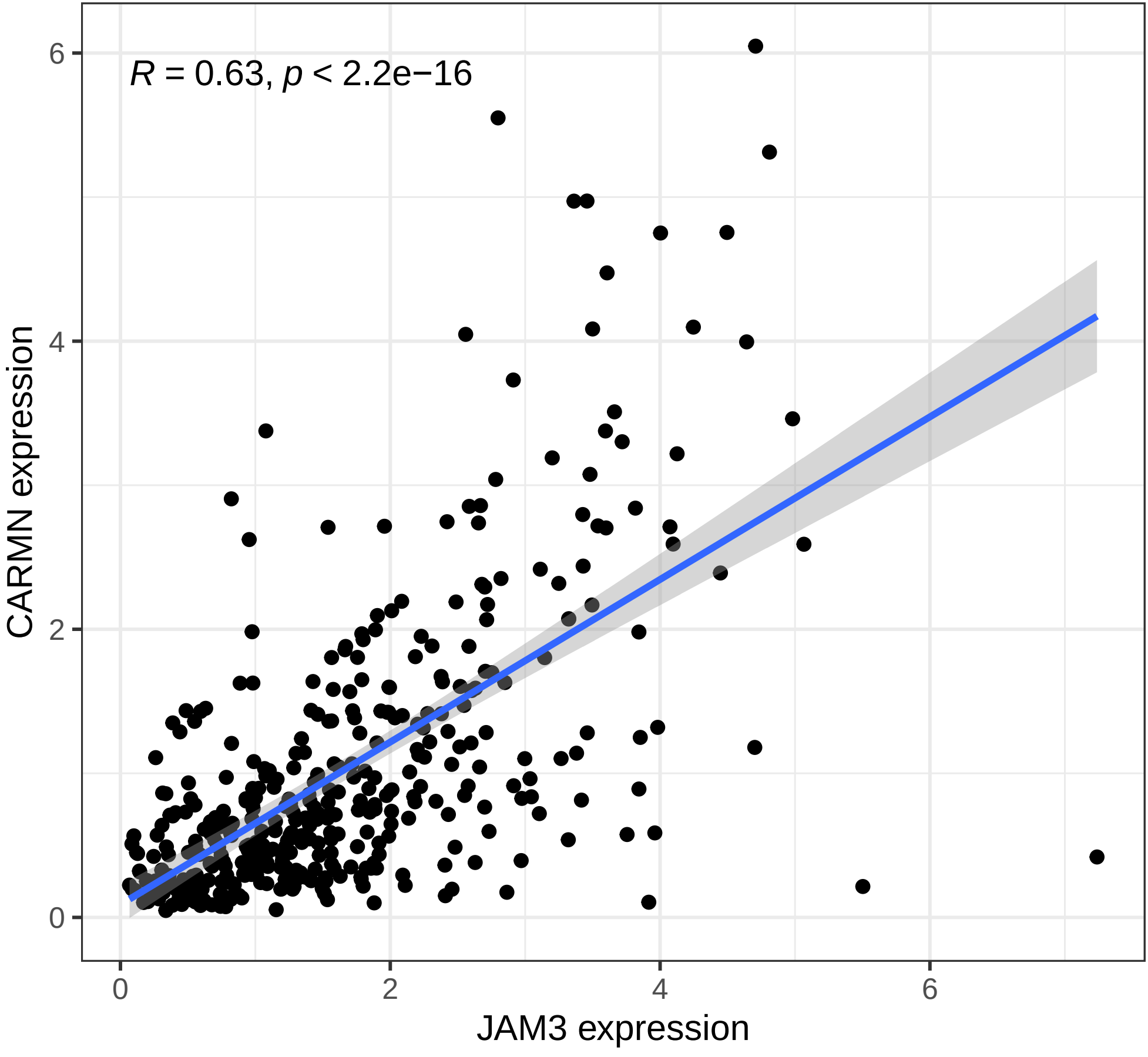
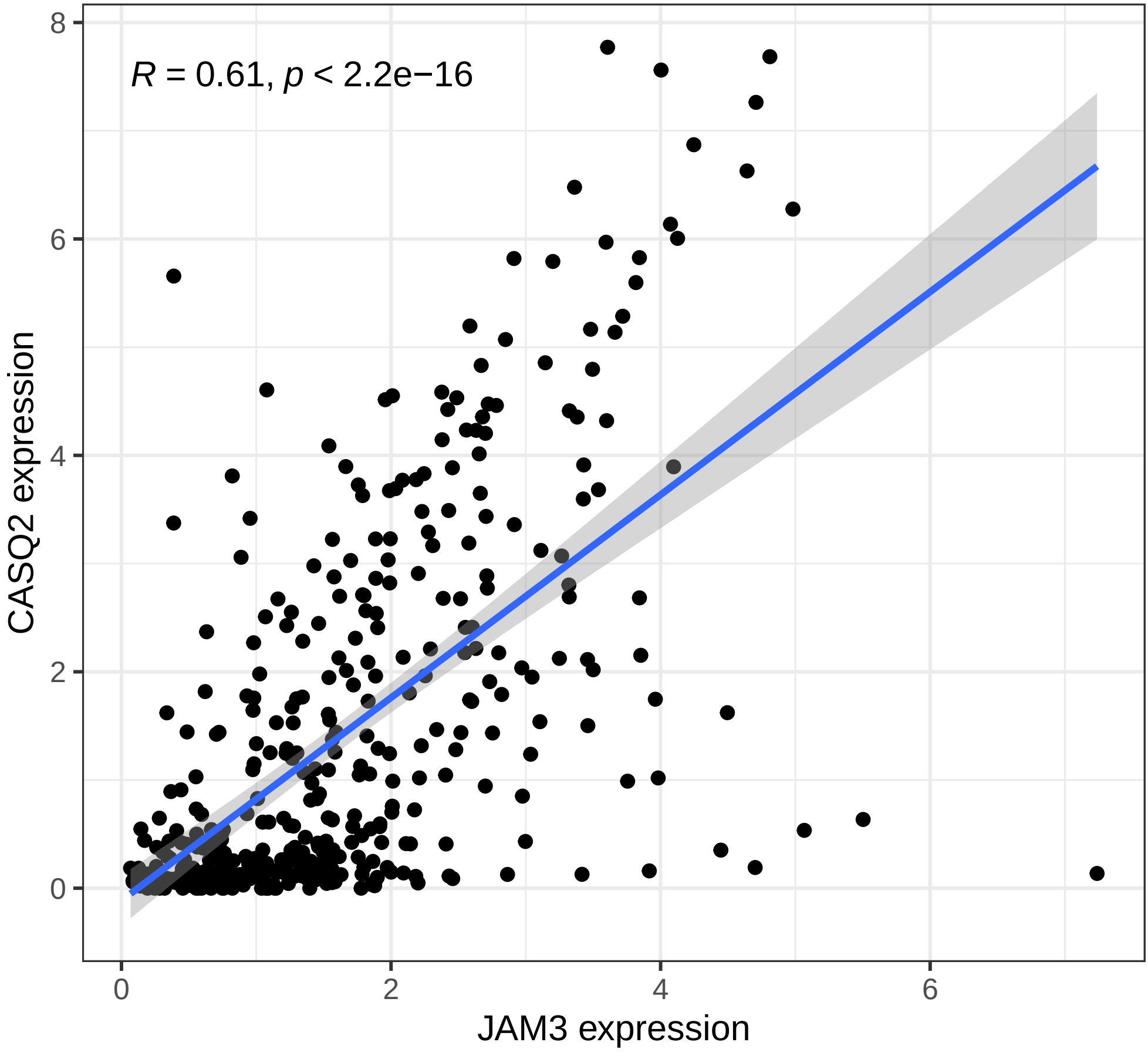
4
6
0
2
4
6

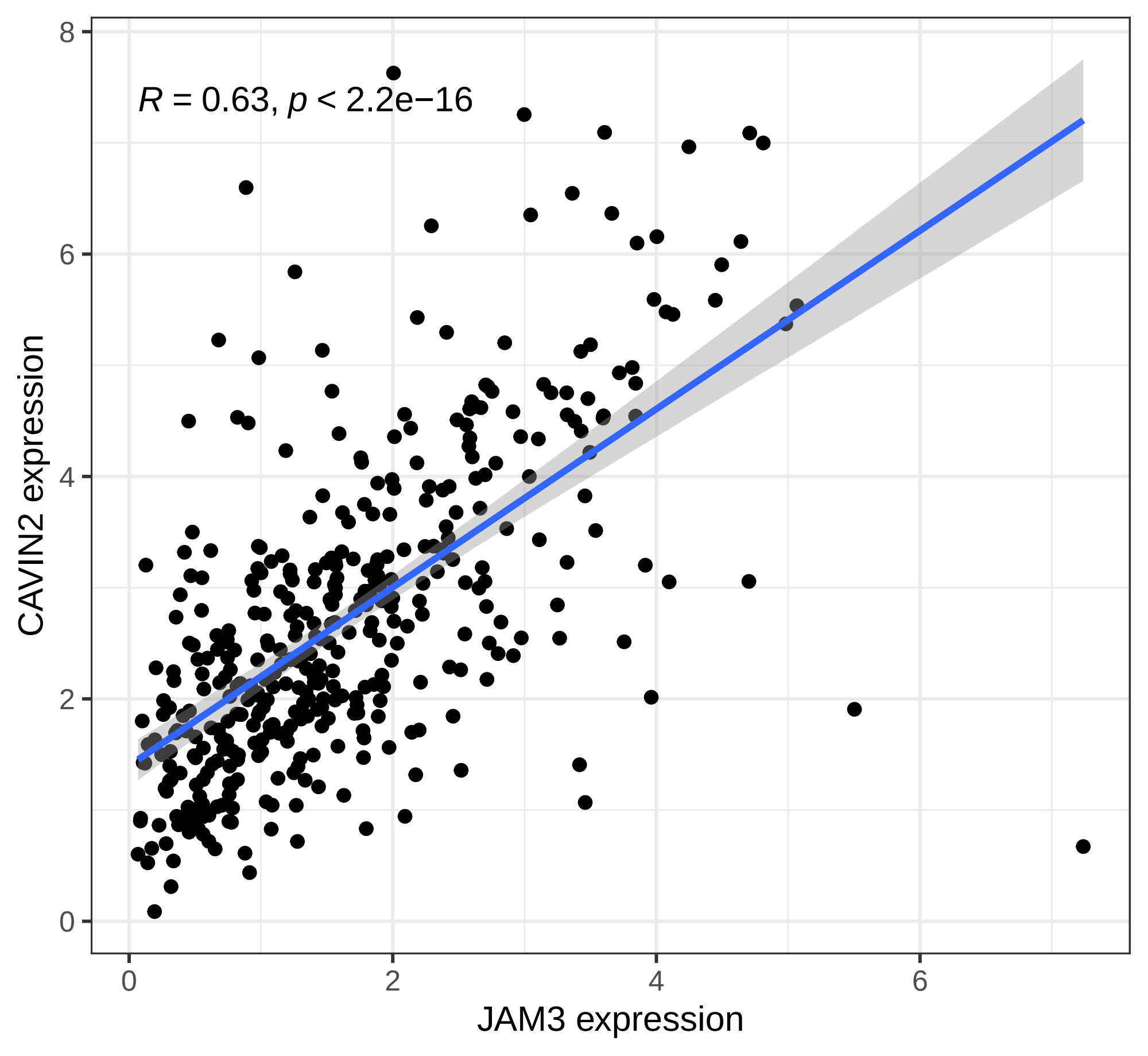

R = 0.63, p < 2.2e−16
CALCRL expression
JAM3 expression
6
4
2
0
2
4
6

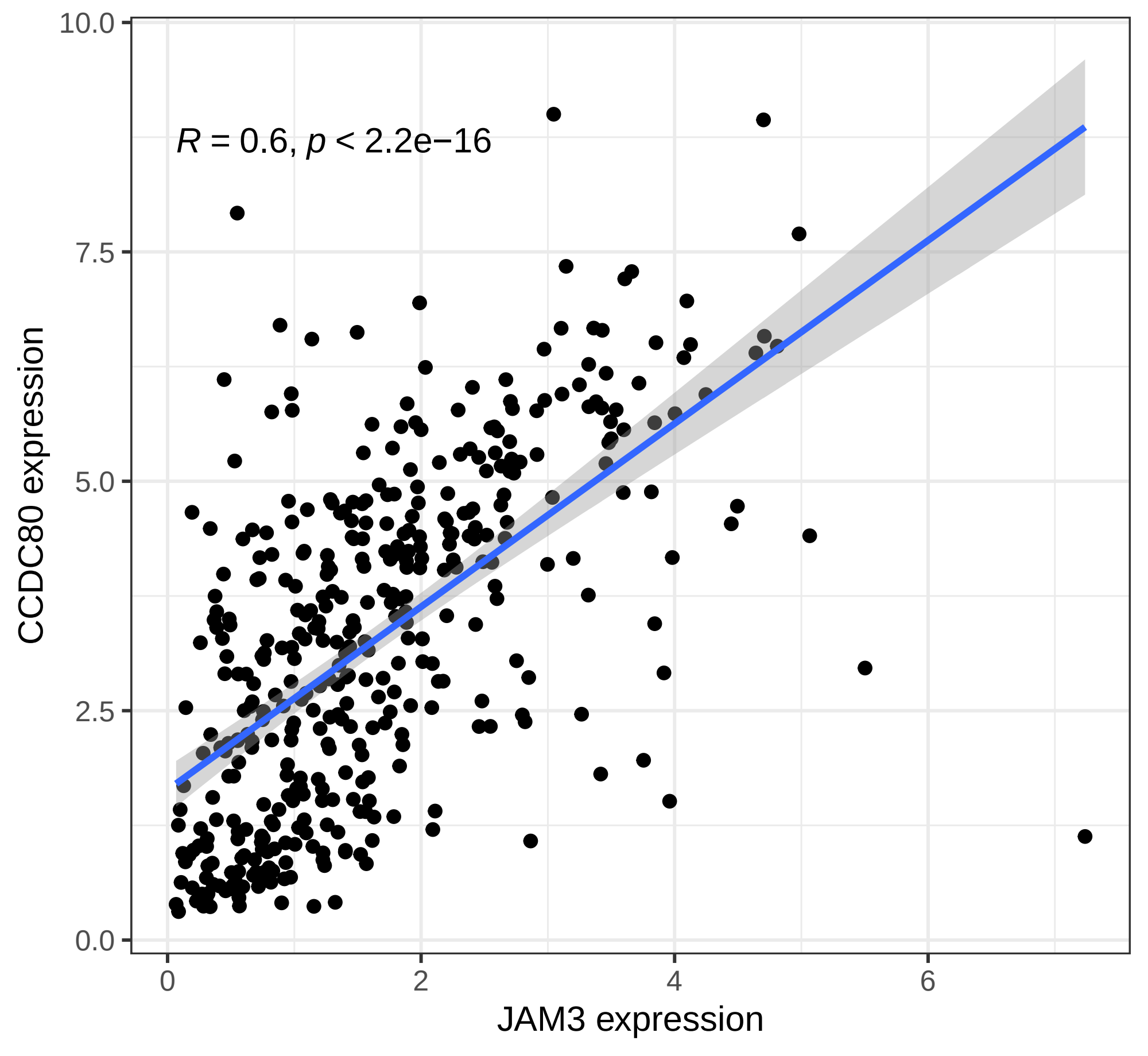

R = 0.7, p < 2.2e−16
CALD1 expression
9
6
3
0
2
4
6
JAM3 expression

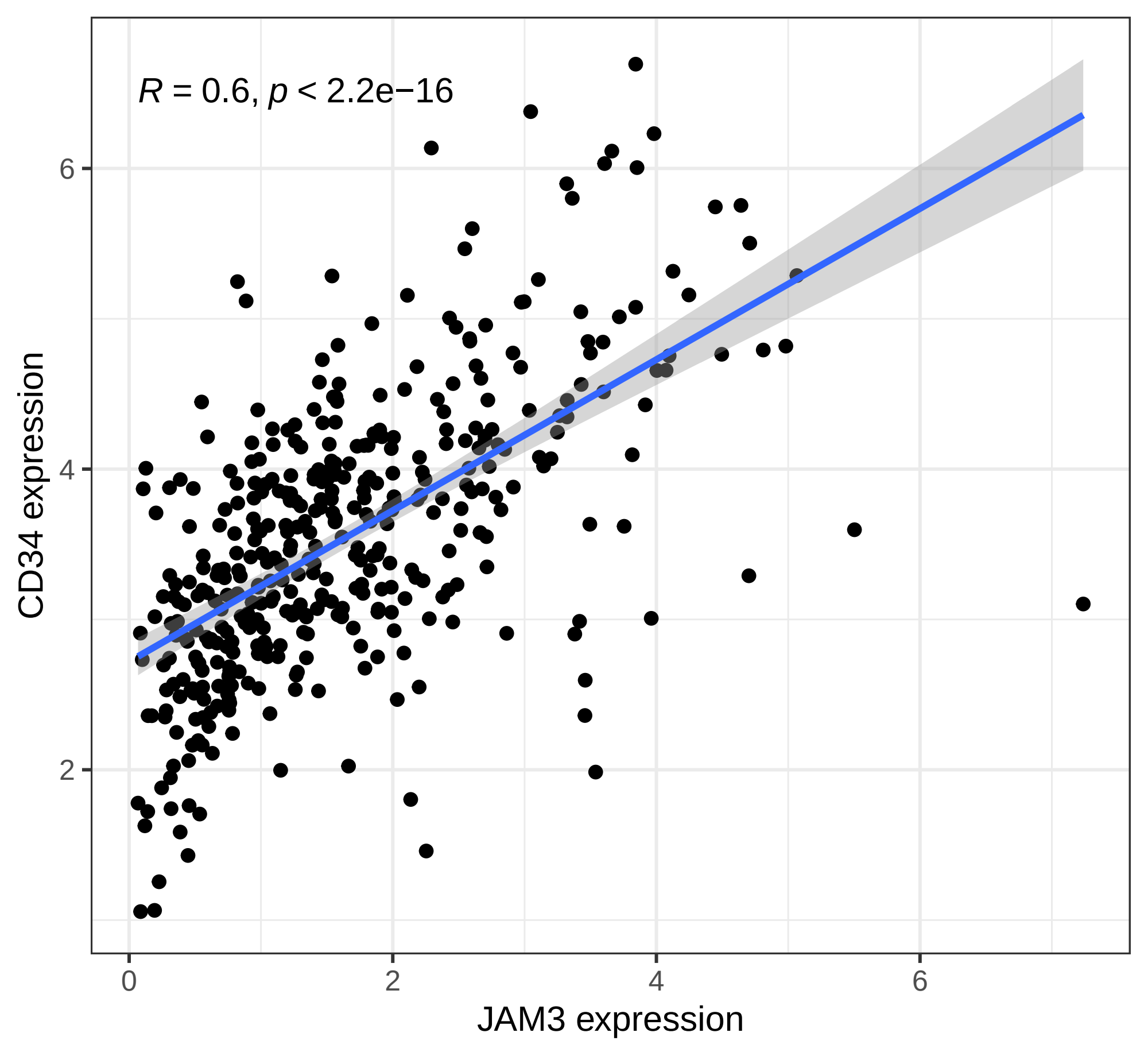

R = 0.64, p < 2.2e−16
CALHM5 expression
JAM3 expression
0
1
2
3
4
0
2
4
6

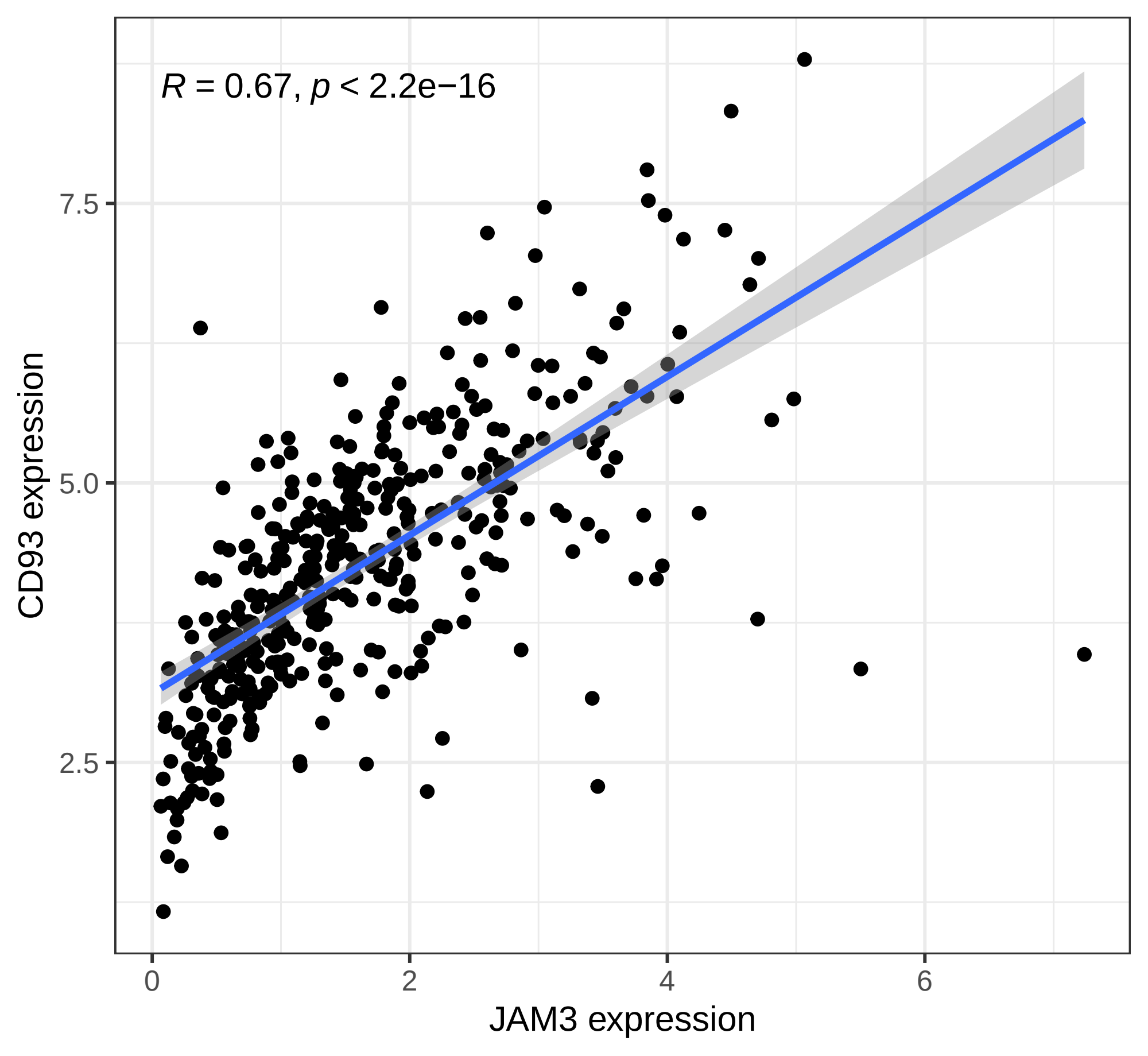

R = 0.63, p < 2.2e−16
CARMN expression
JAM3 expression
0
2
4
6
0
2
4
6

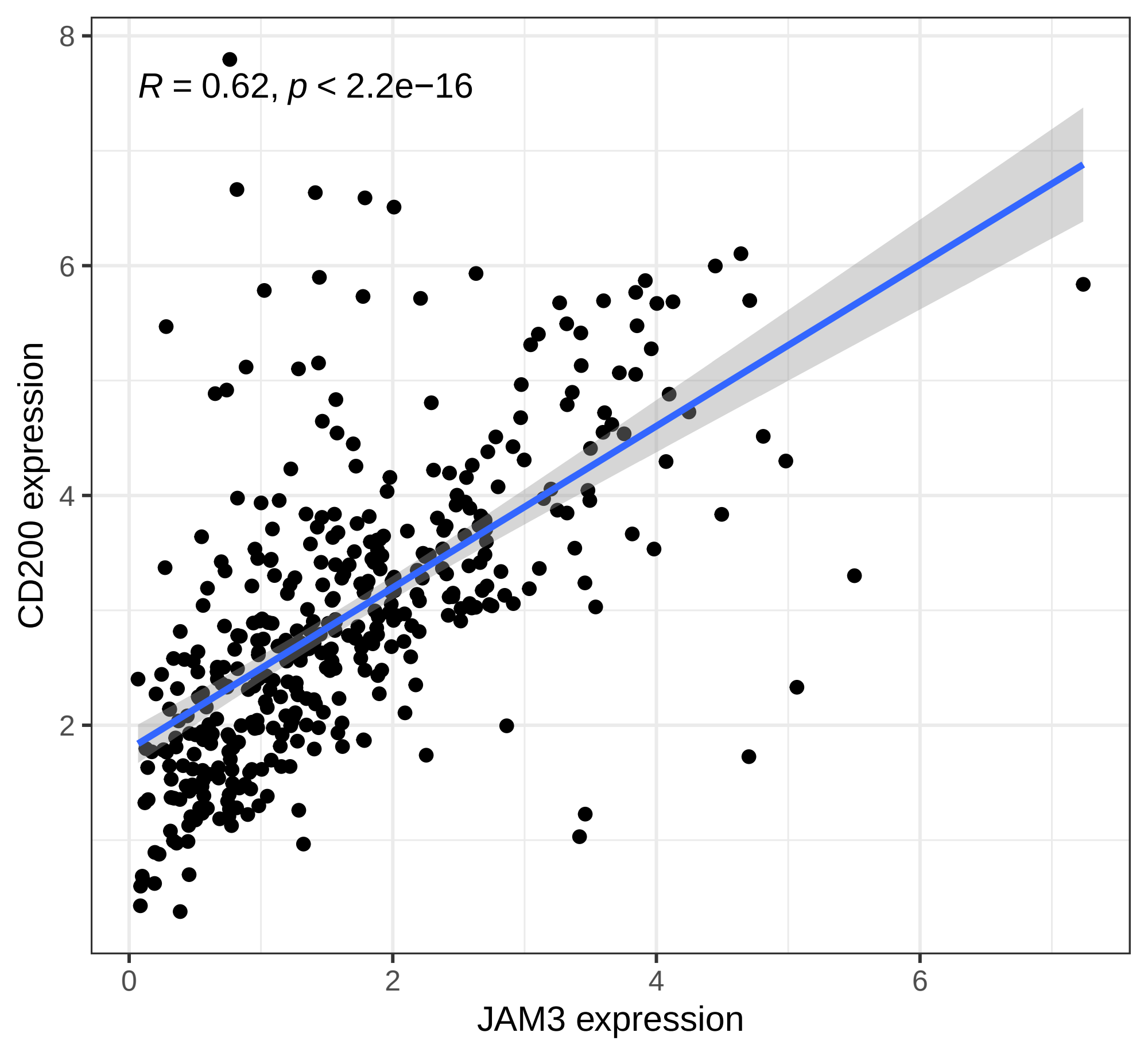

R = 0.61, p < 2.2e−16
CASQ2 expression
JAM3 expression
0
2
4
6
8

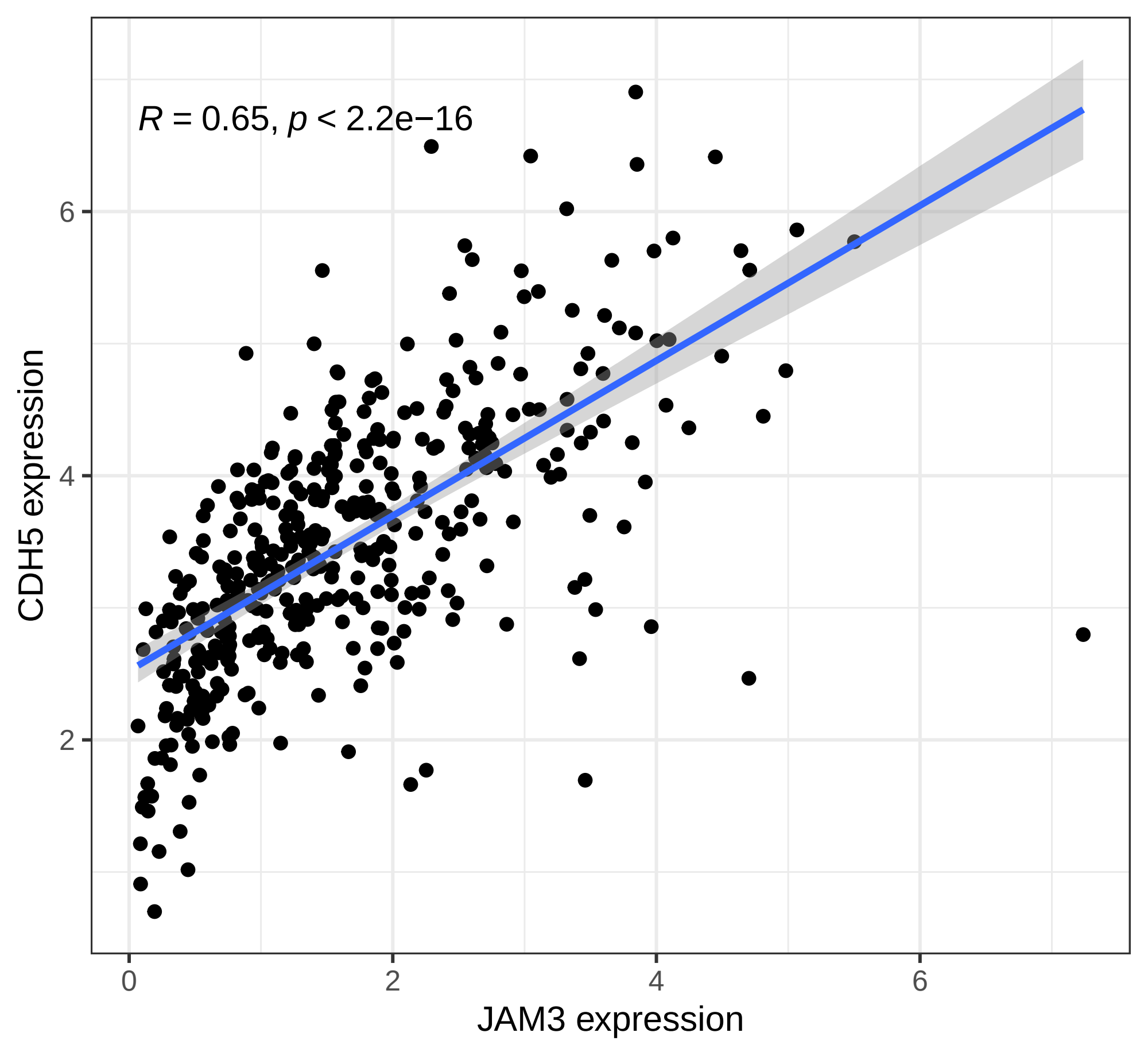

R = 0.63, p < 2.2e−16
CAVIN2 expression
JAM3 expression
0
2
4
6
8

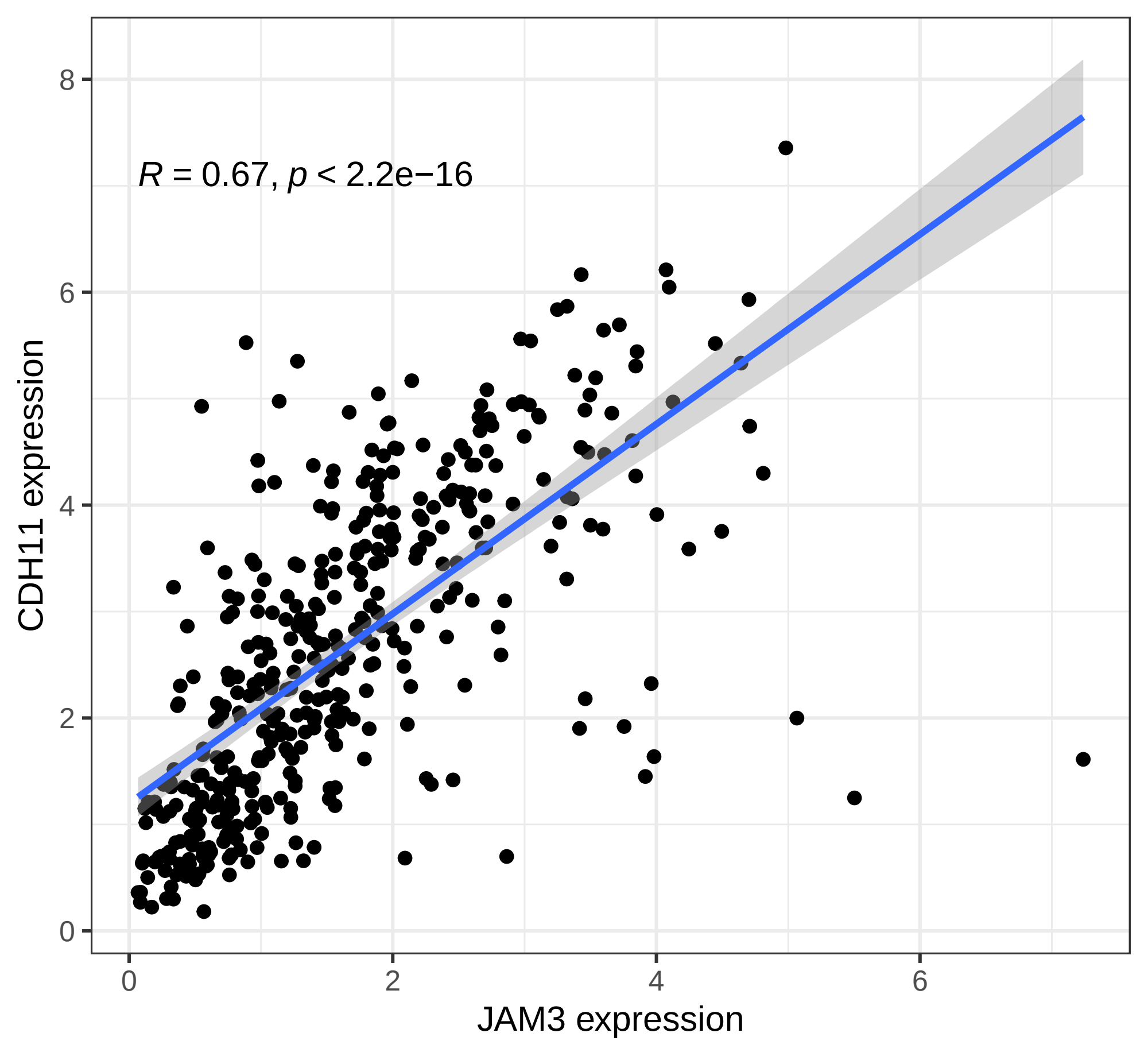

R = 0.6, p < 2.2e−16
CCDC80 expression
JAM3 expression
10.0
7.5
5.0
2.5
0.0
0
2
4
6

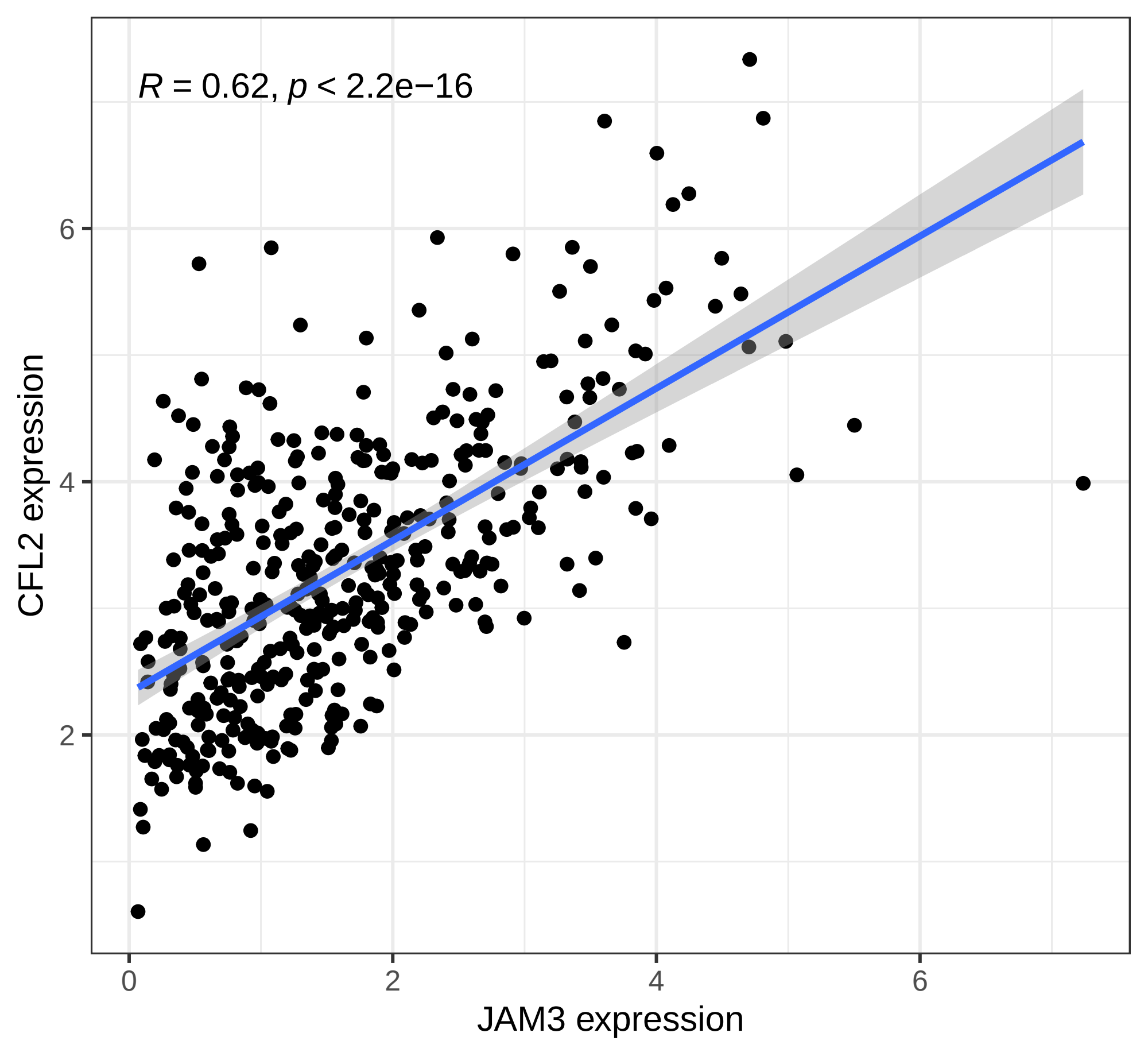

R = 0.6, p < 2.2e−16
CD34 expression
JAM3 expression
0
2
4
6
2
4
6

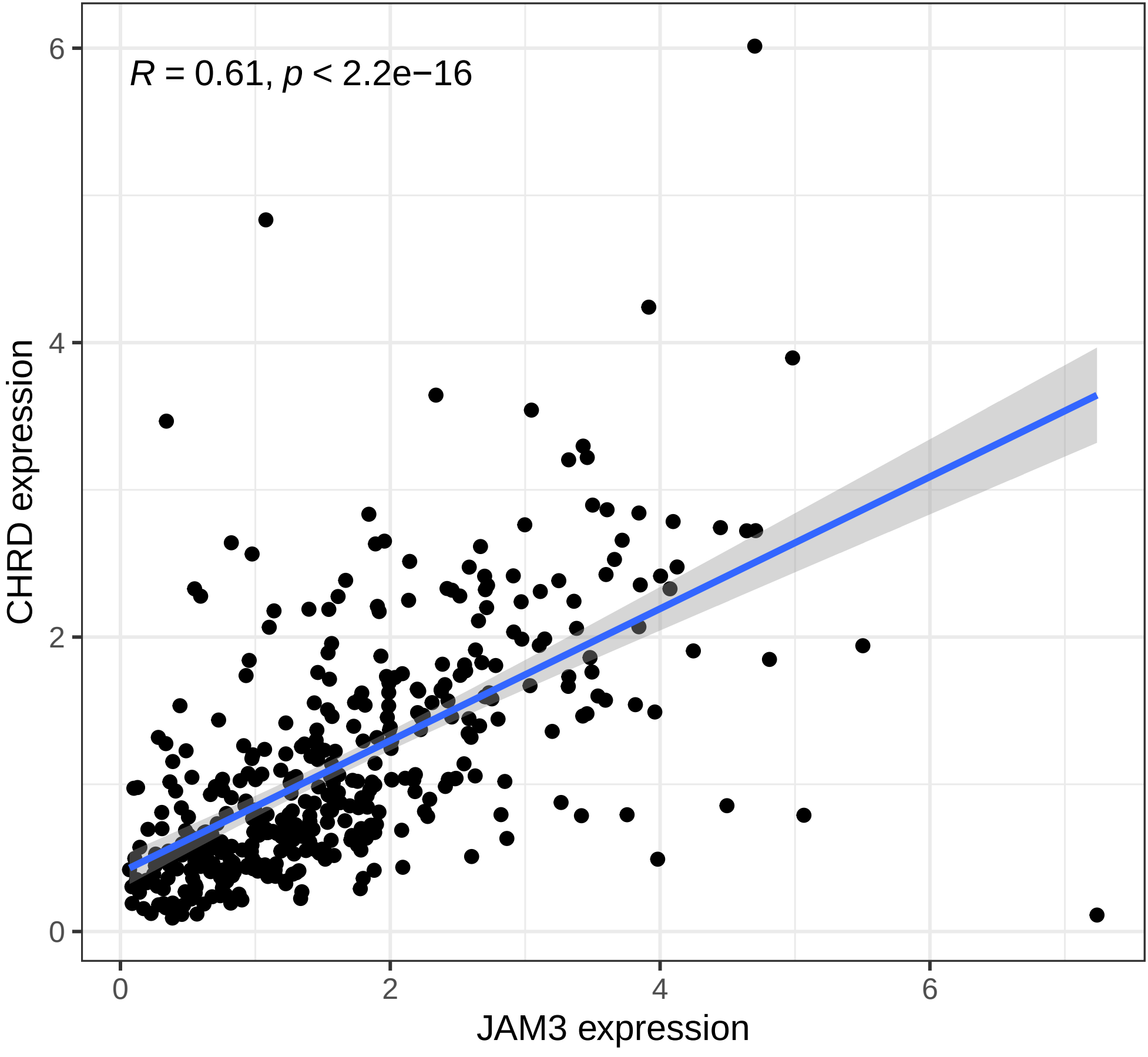

R = 0.67, p < 2.2e−16
CD93 expression
7.5
5.0
2.5
0
2
4
6
JAM3 expression

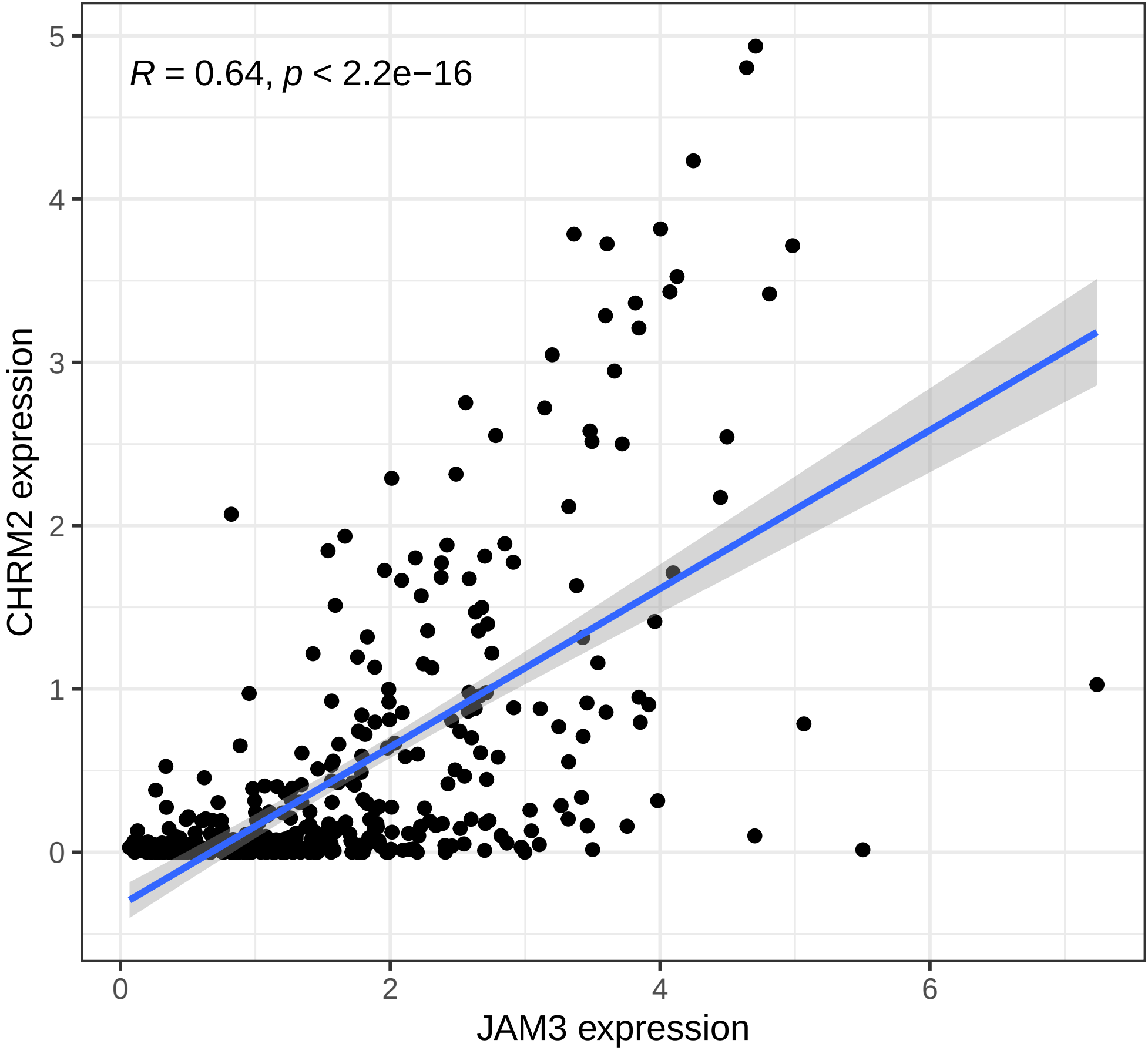

R = 0.62, p < 2.2e−16
CD200 expression
JAM3 expression
8
6
4
2
0
2
4
6

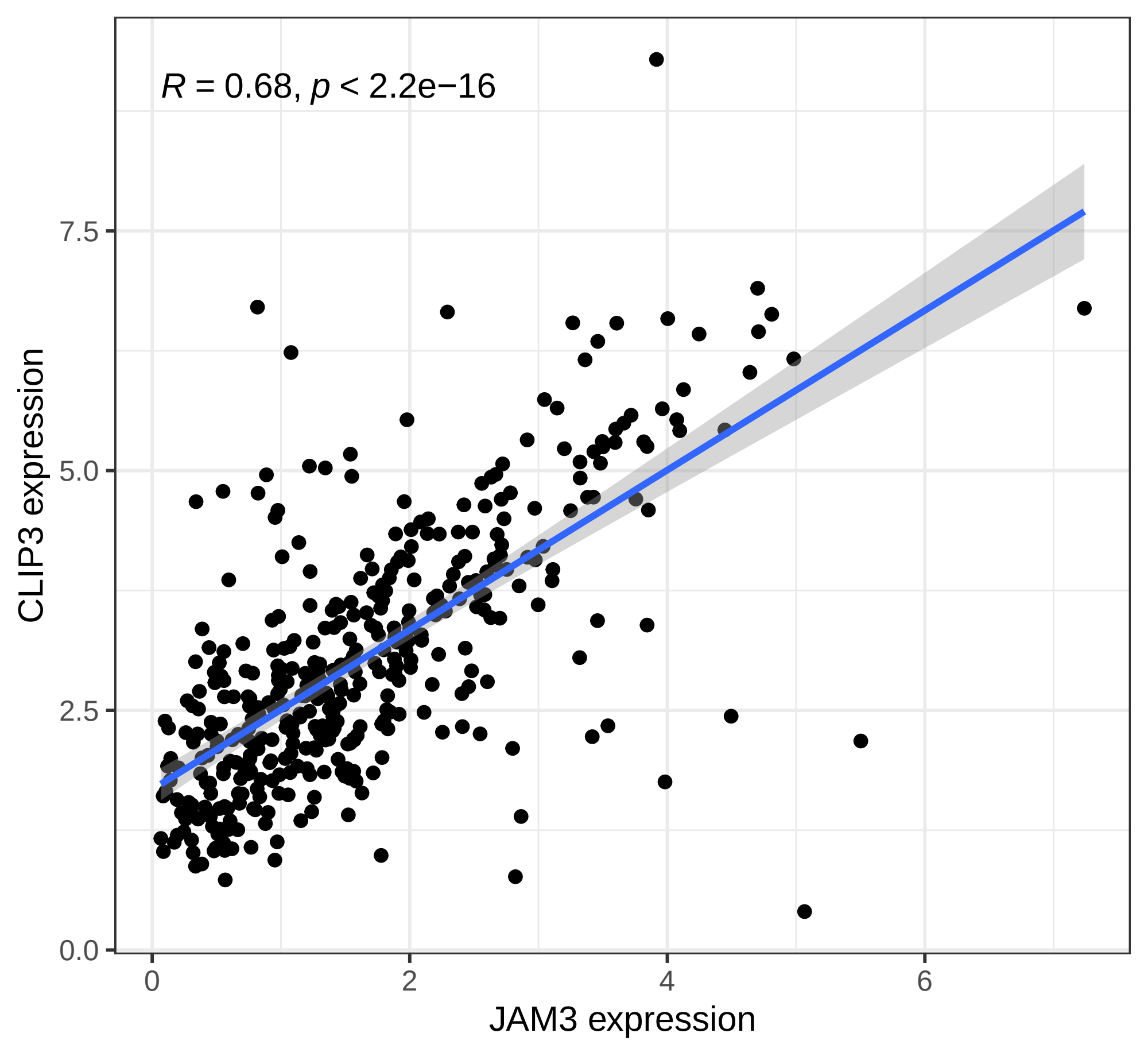

R = 0.65, p < 2.2e−16
CDH5 expression
JAM3 expression
0
2
4
6
2
4
6

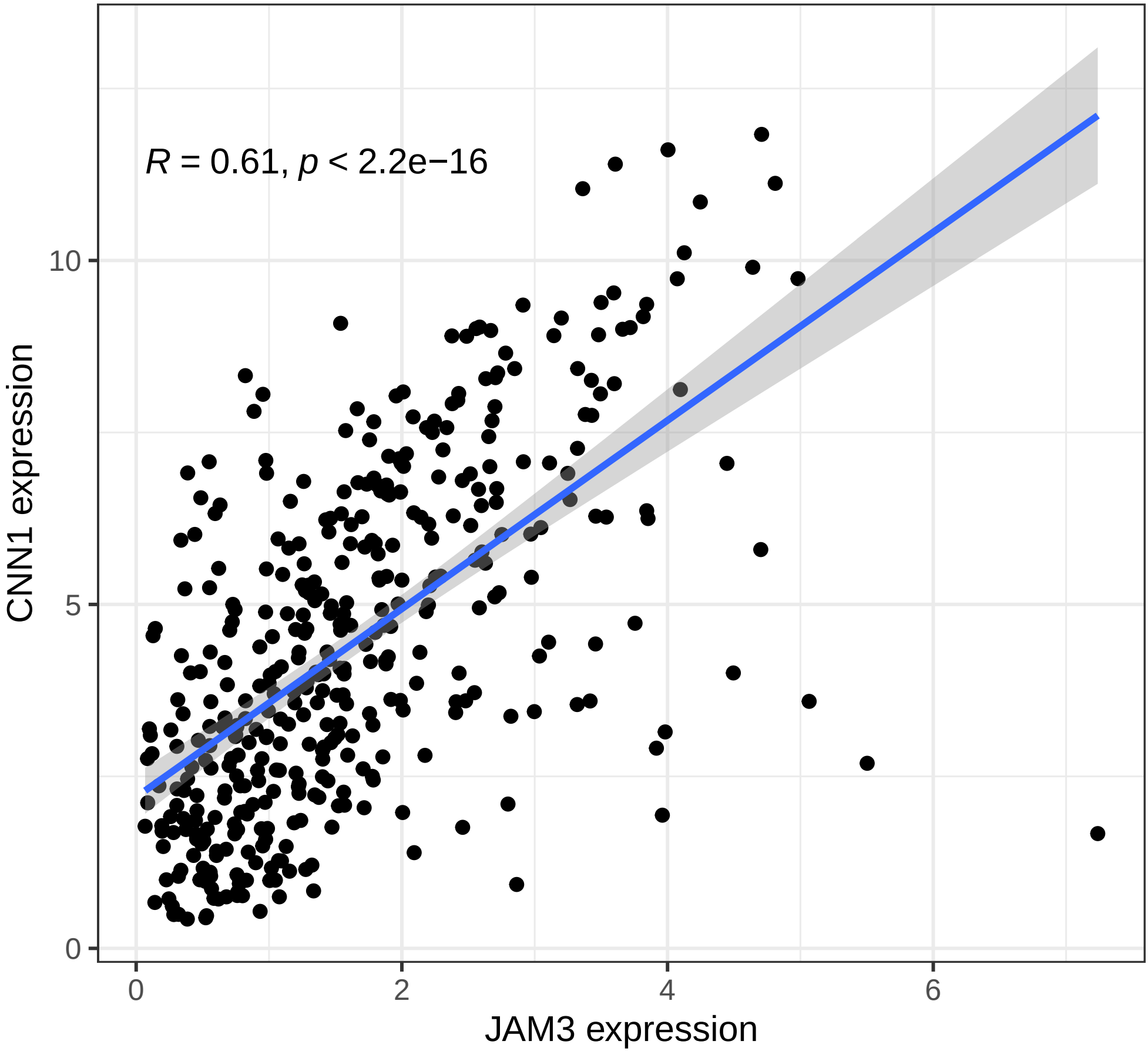

R = 0.67, p < 2.2e−16
CDH11 expression
JAM3 expression
0
2
4
6
8
0
2
4
6

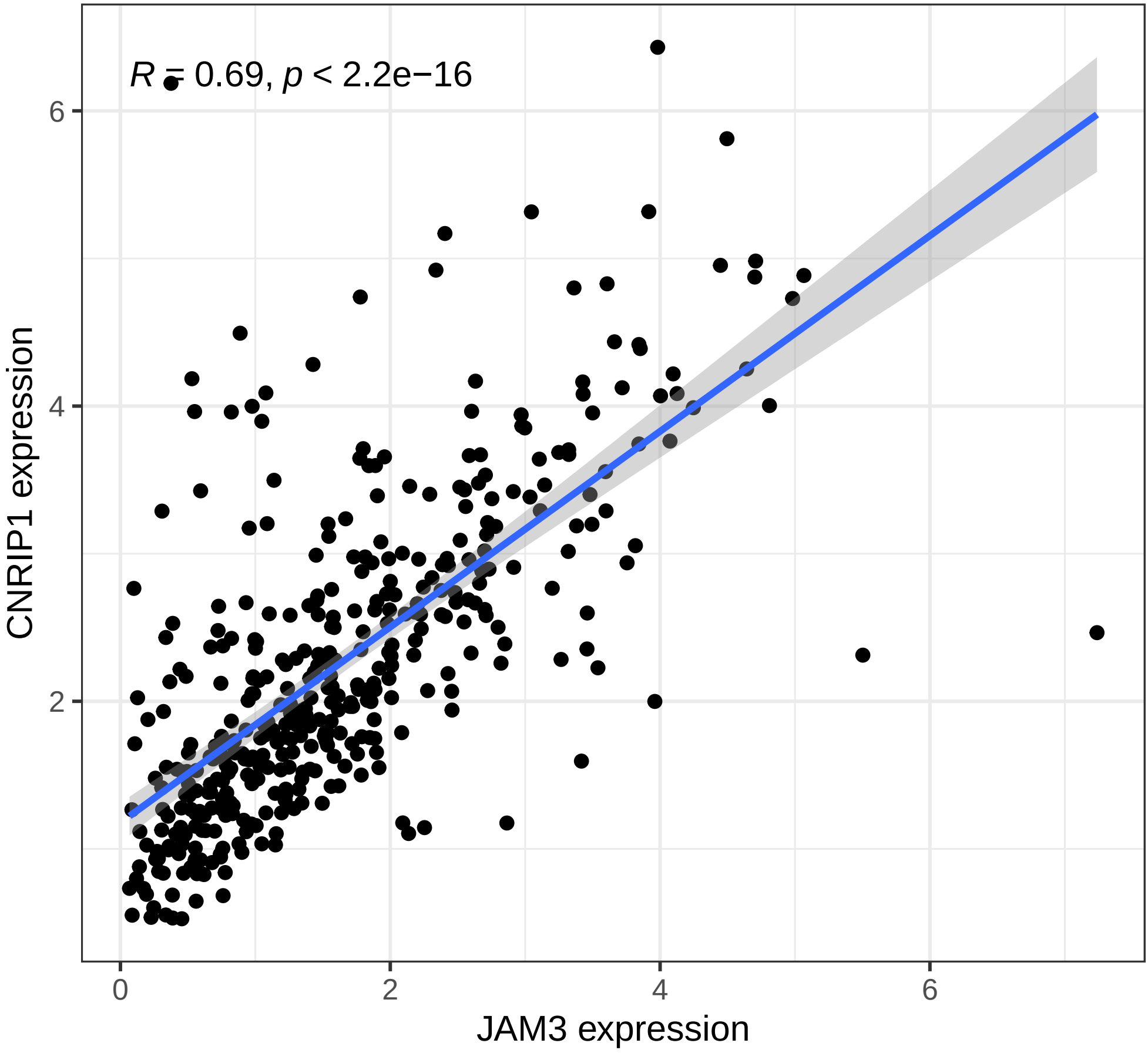

R = 0.62, p < 2.2e−16
CFL2 expression
JAM3 expression
2
4
6
0
2
4
6

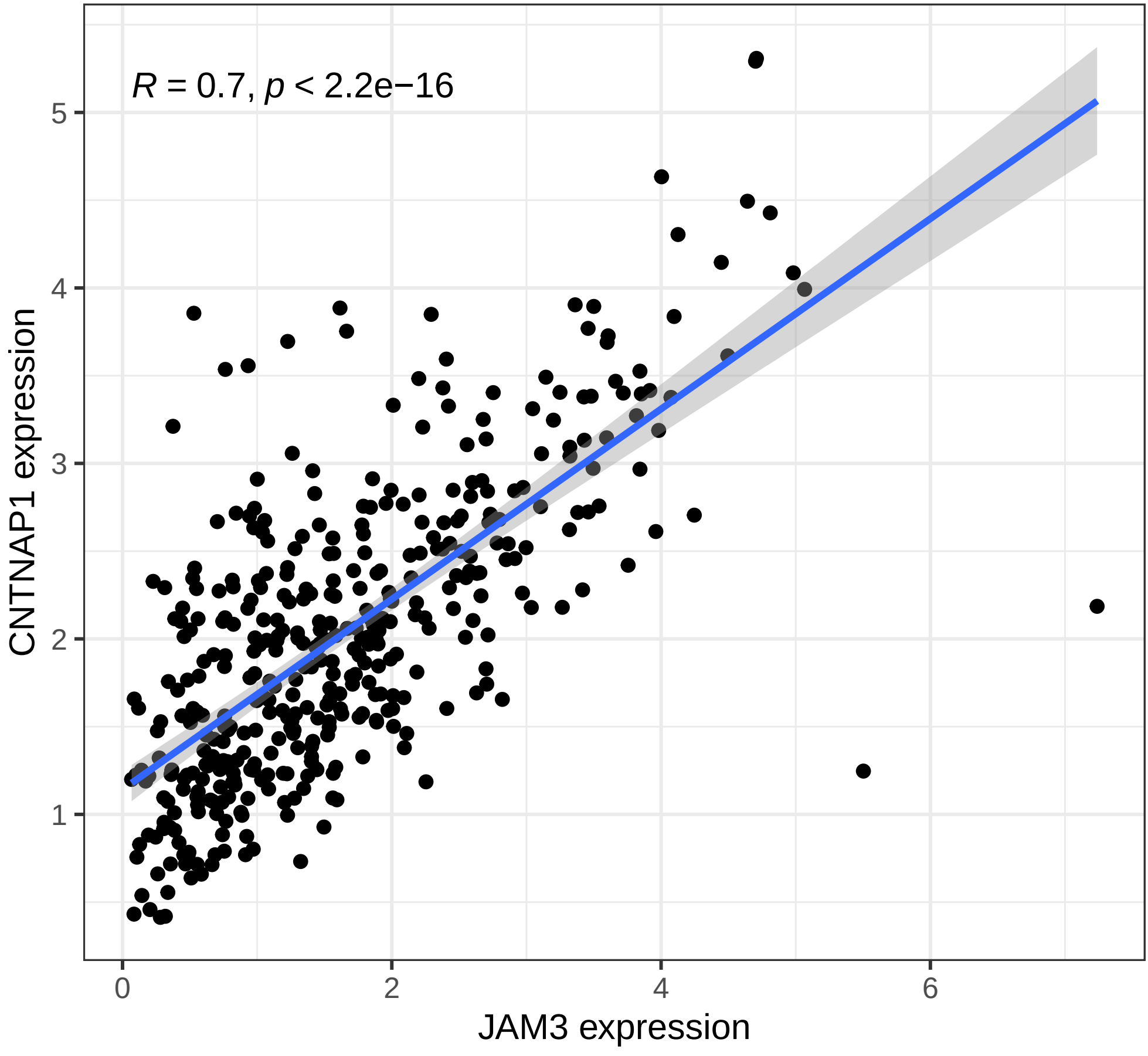

R = 0.61, p < 2.2e−16
CHRD expression
JAM3 expression
0
2
4
6
0
2
4
6

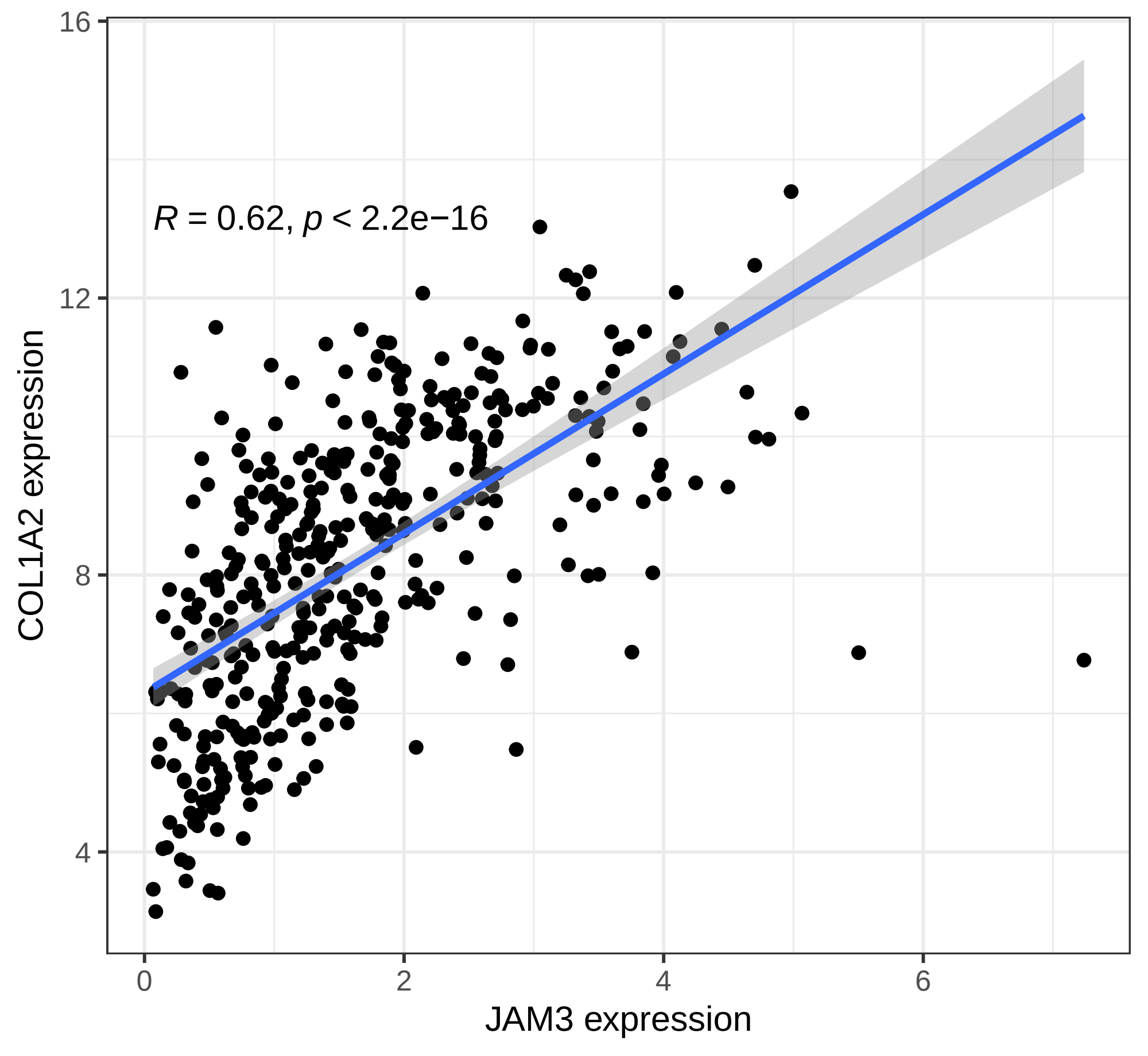

R = 0.64, p < 2.2e−16
CHRM2 expression
JAM3 expression
0
1
2
3
4
5
0
2
4
6

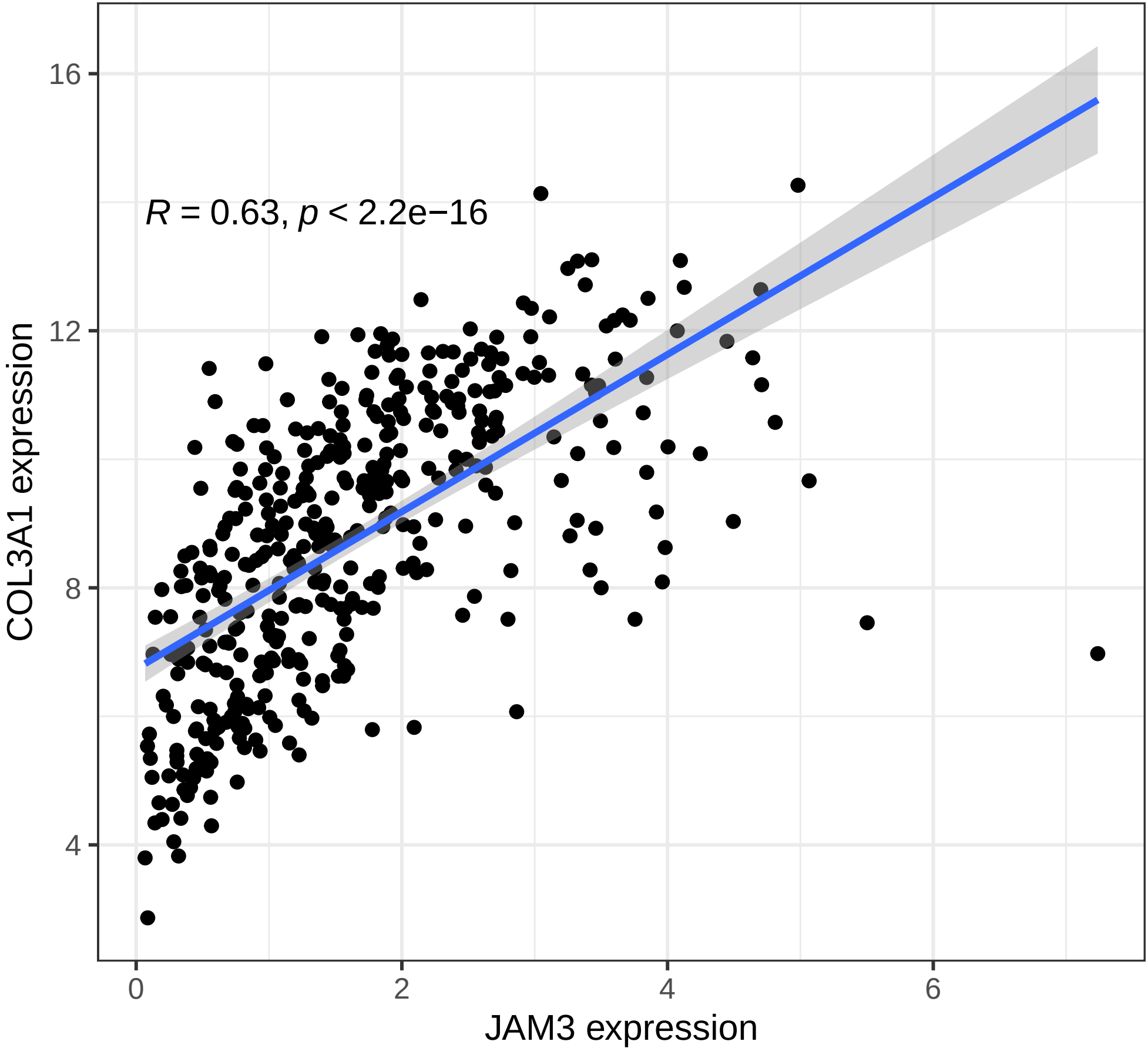

R = 0.68, p < 2.2e−16
CLIP3 expression
JAM3 expression
0.0
2.5
5.0
7.5
0
2
4
6

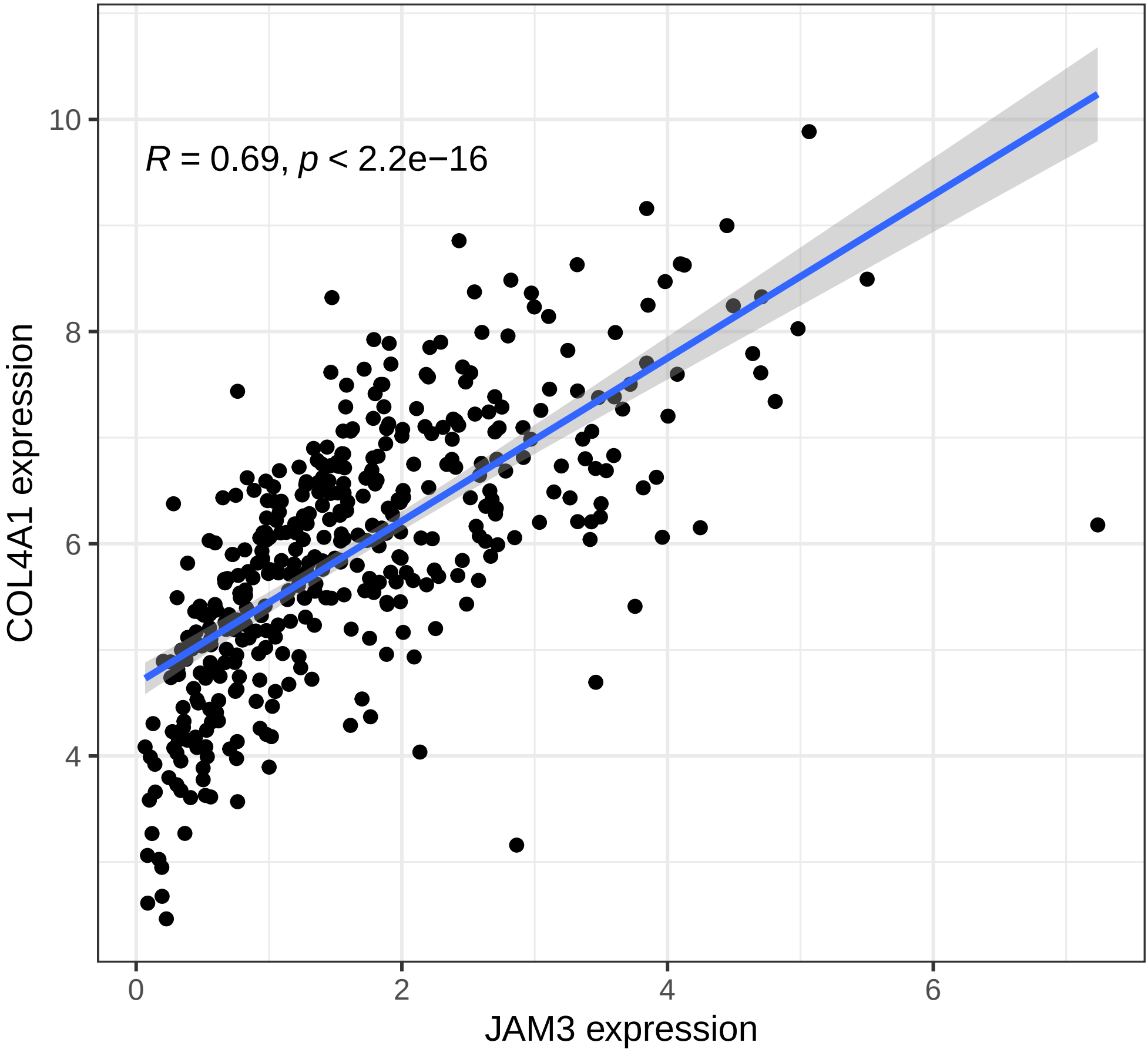

R = 0.61, p < 2.2e−16
CNN1 expression
JAM3 expression
0
5
10
0
2
4
6

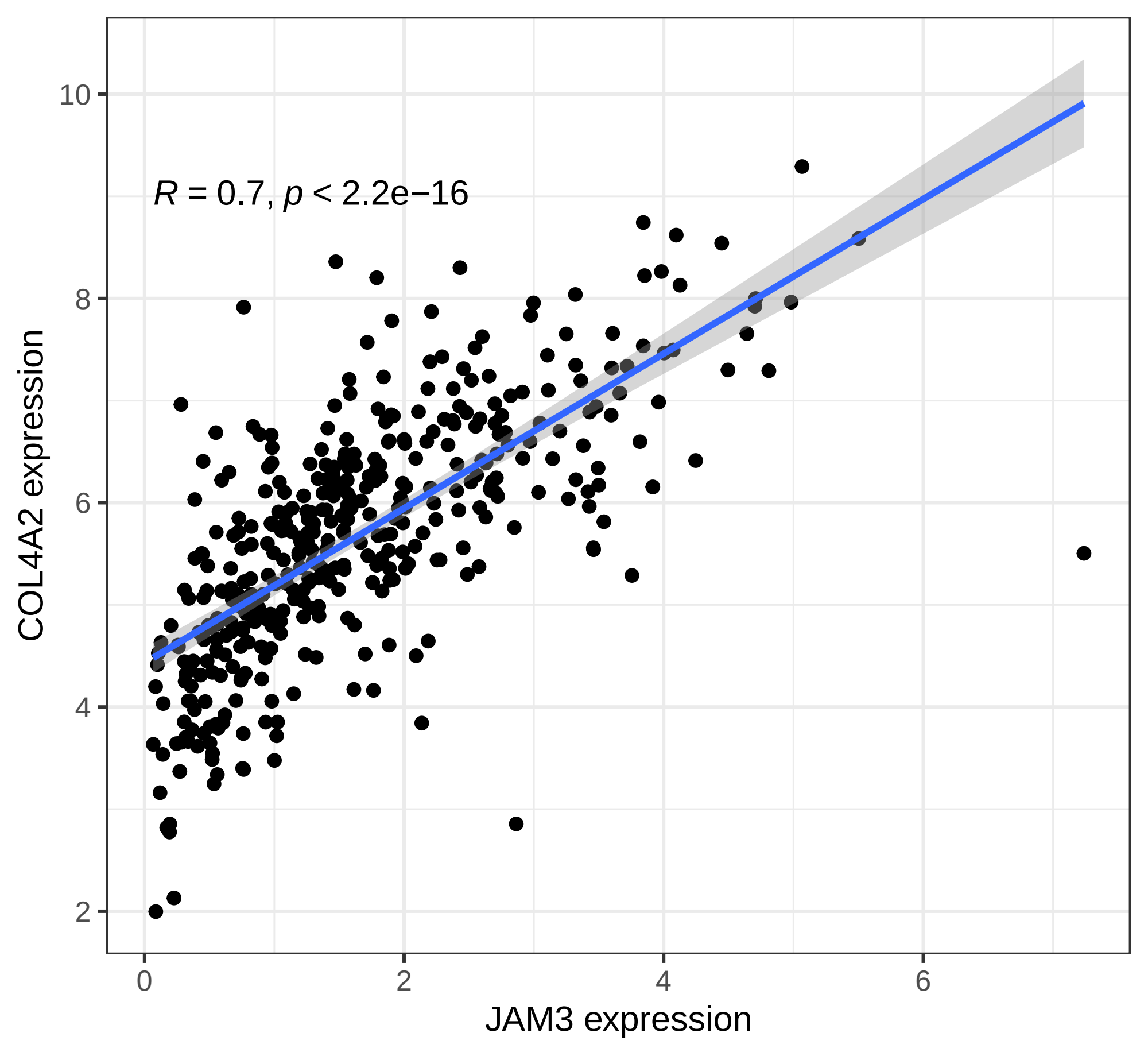

R = 0.69, p < 2.2e−16
CNRIP1 expression
JAM3 expression
0
2
4
6
2
4
6

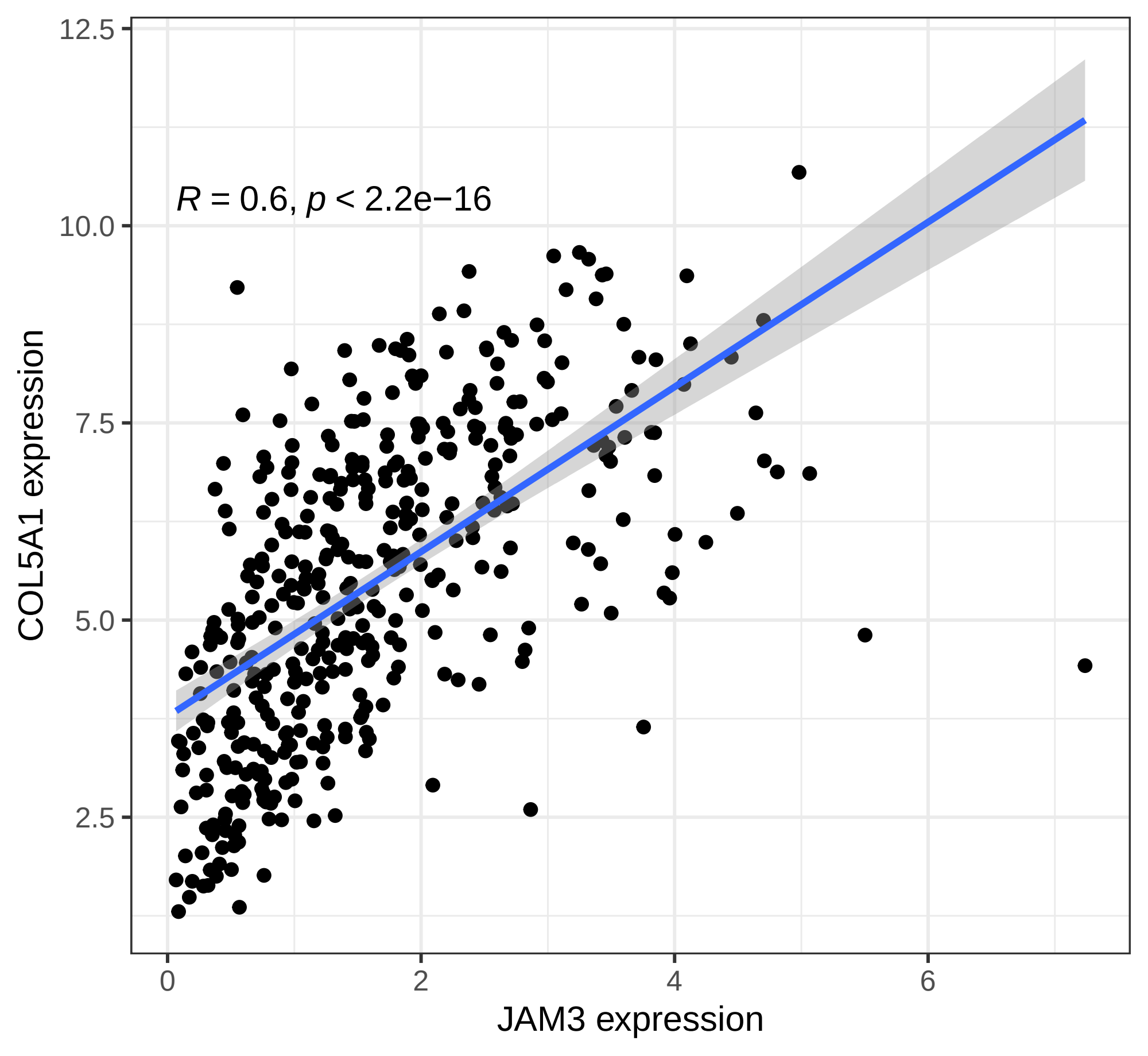

R = 0.7, p < 2.2e−16
CNTNAP1 expression
JAM3 expression
0
2
4
6
1
2
3
4
5

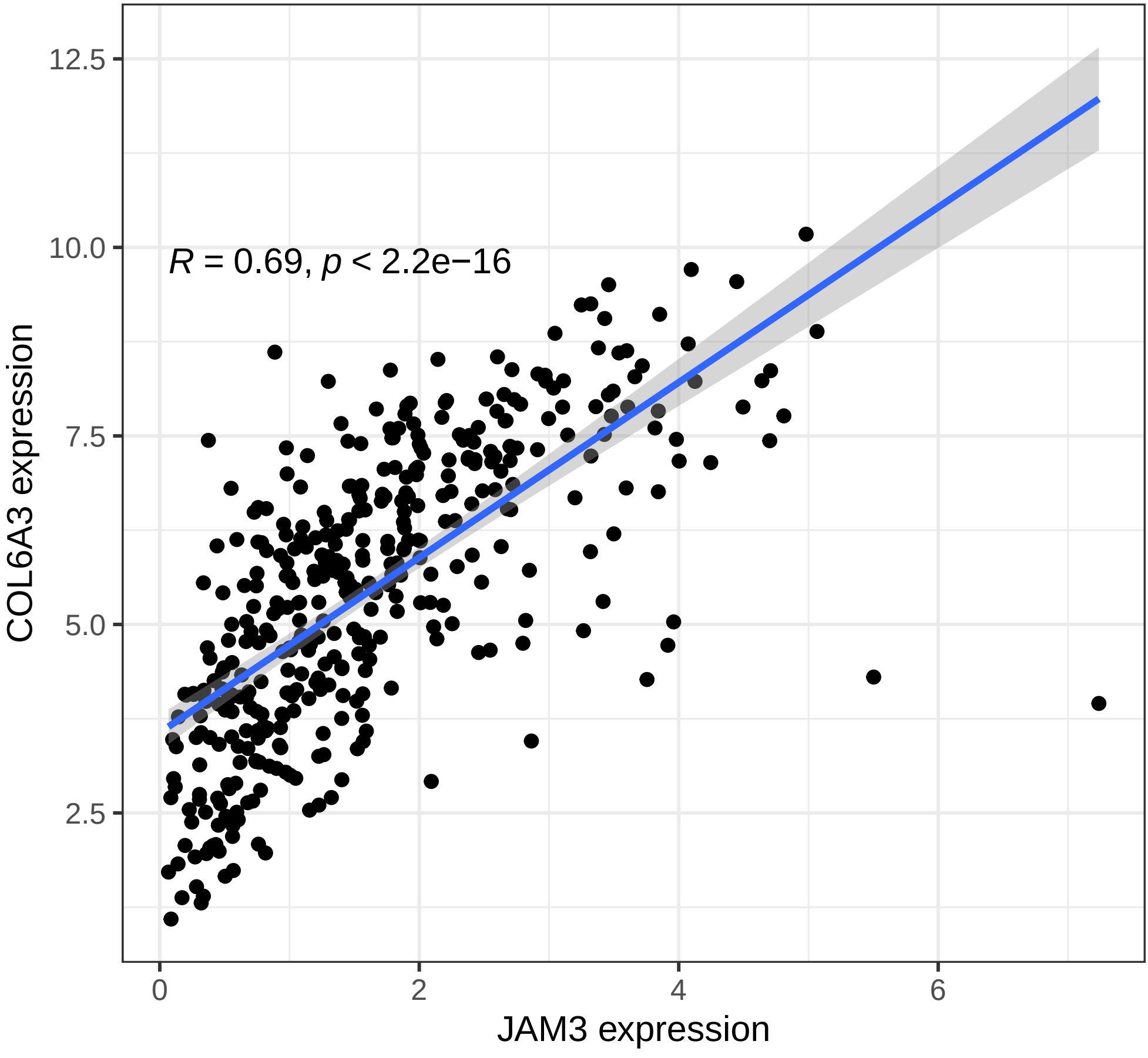

16
12
8
4
0
2
4
6
COL1A2 expression
JAM3 expression
R = 0.62, p < 2.2e−16

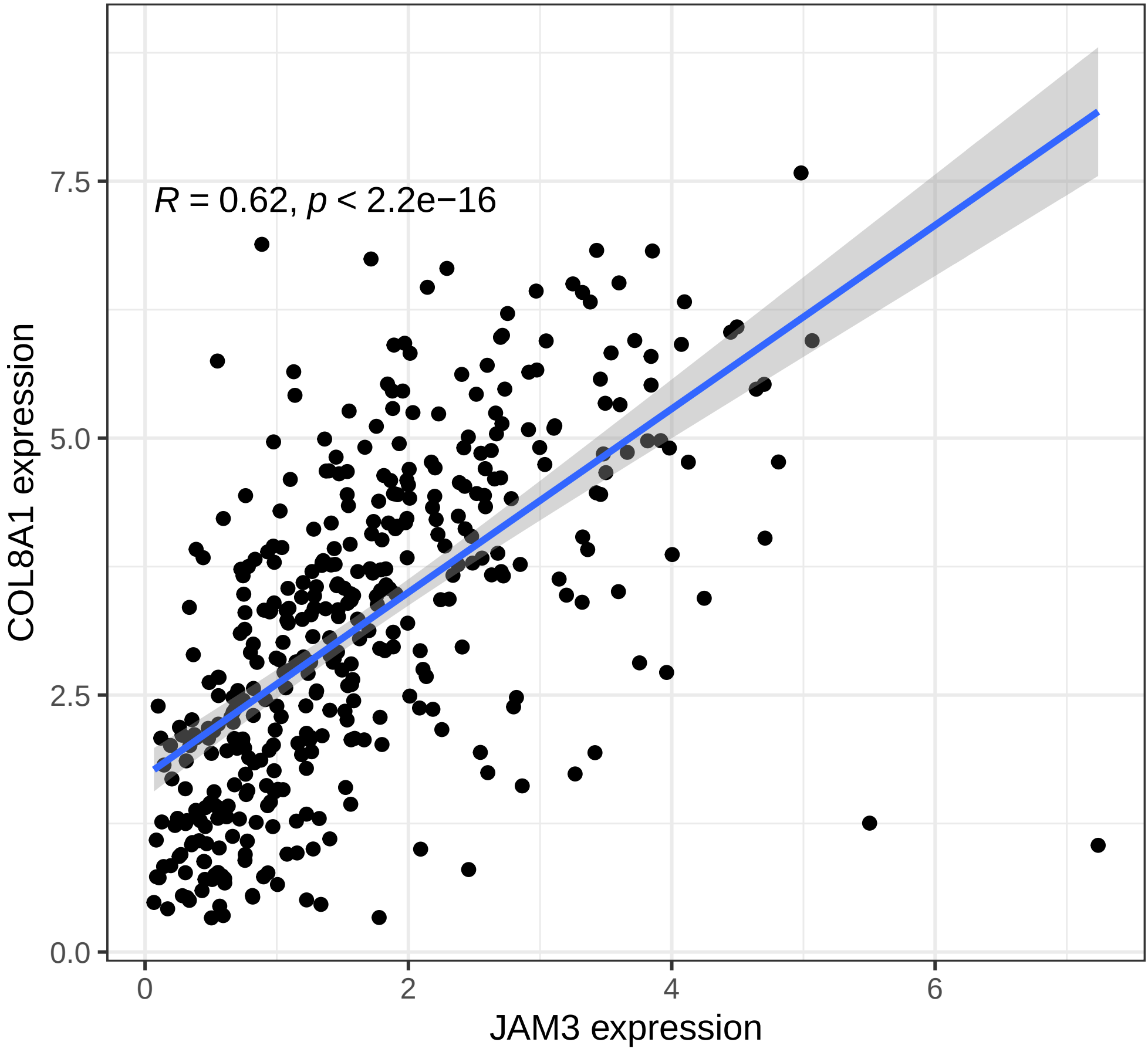

R = 0.63, p < 2.2e−16
COL3A1 expression
16
12
8
4
0
2
4
6
JAM3 expression

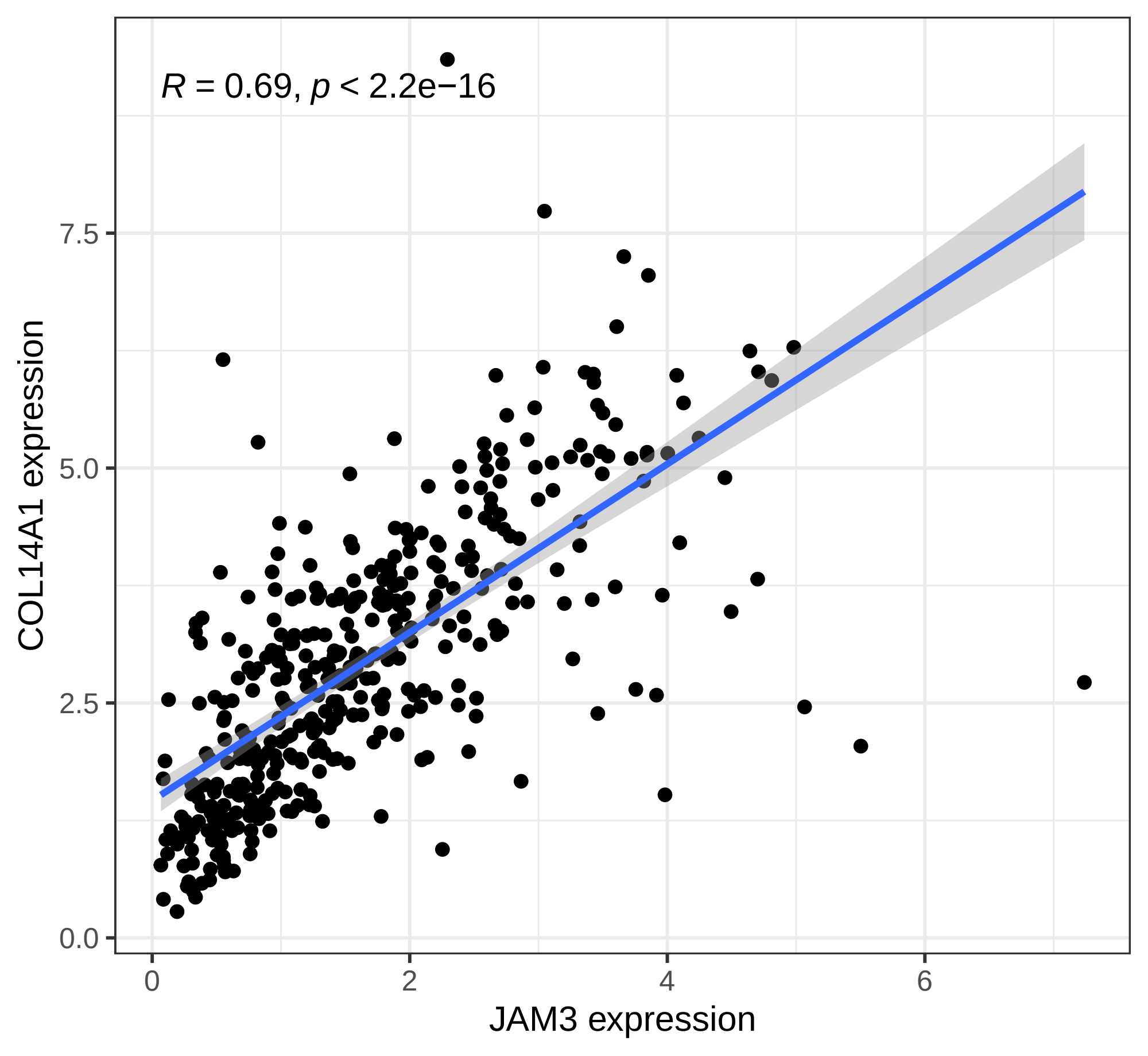

R = 0.69, p < 2.2e−16
COL4A1 expression
JAM3 expression
10
8
6
4
0
2
4
6

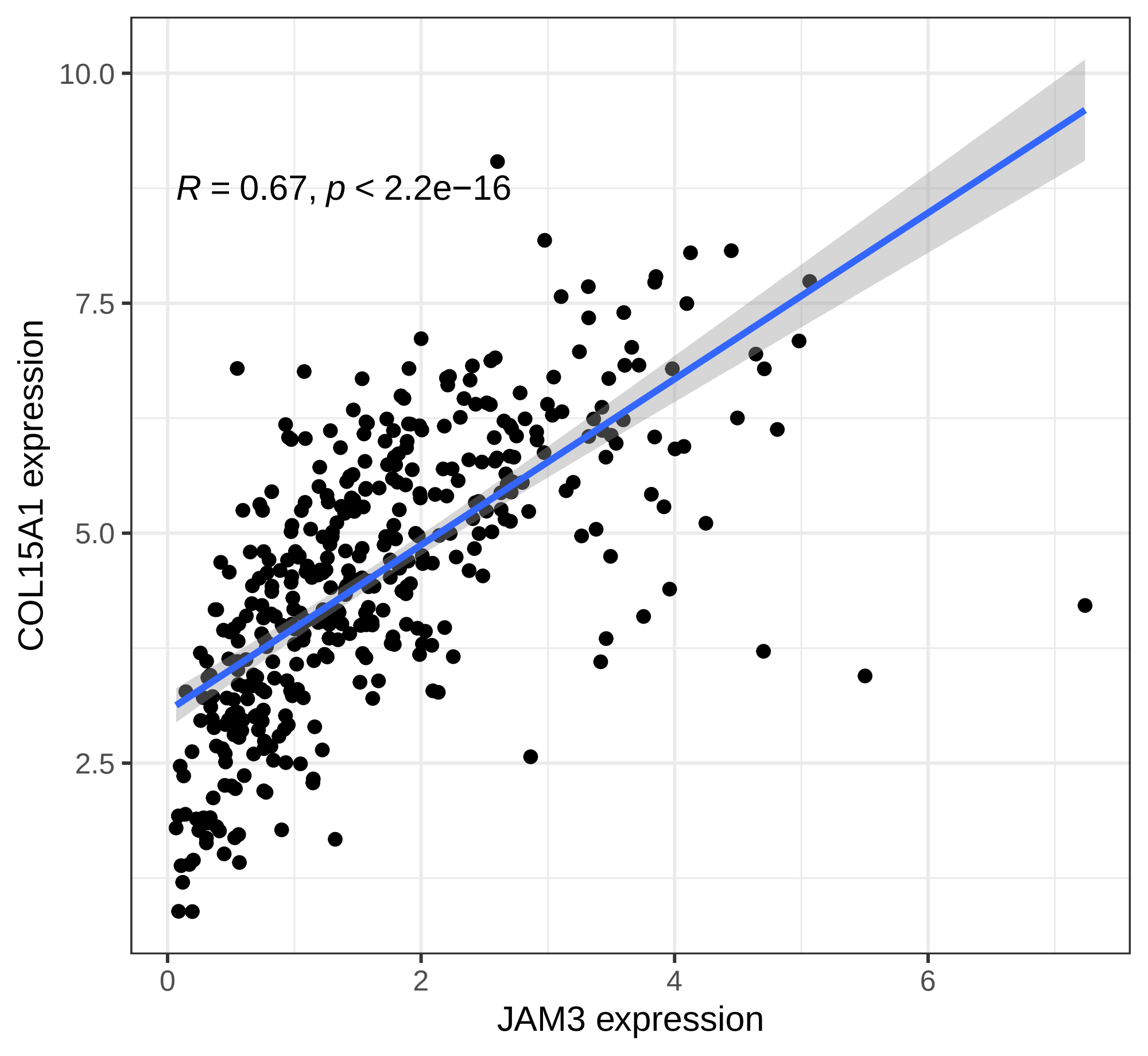

R = 0.7, p < 2.2e−16
COL4A2 expression
JAM3 expression
10
8
6
4
2
0
2
4
6

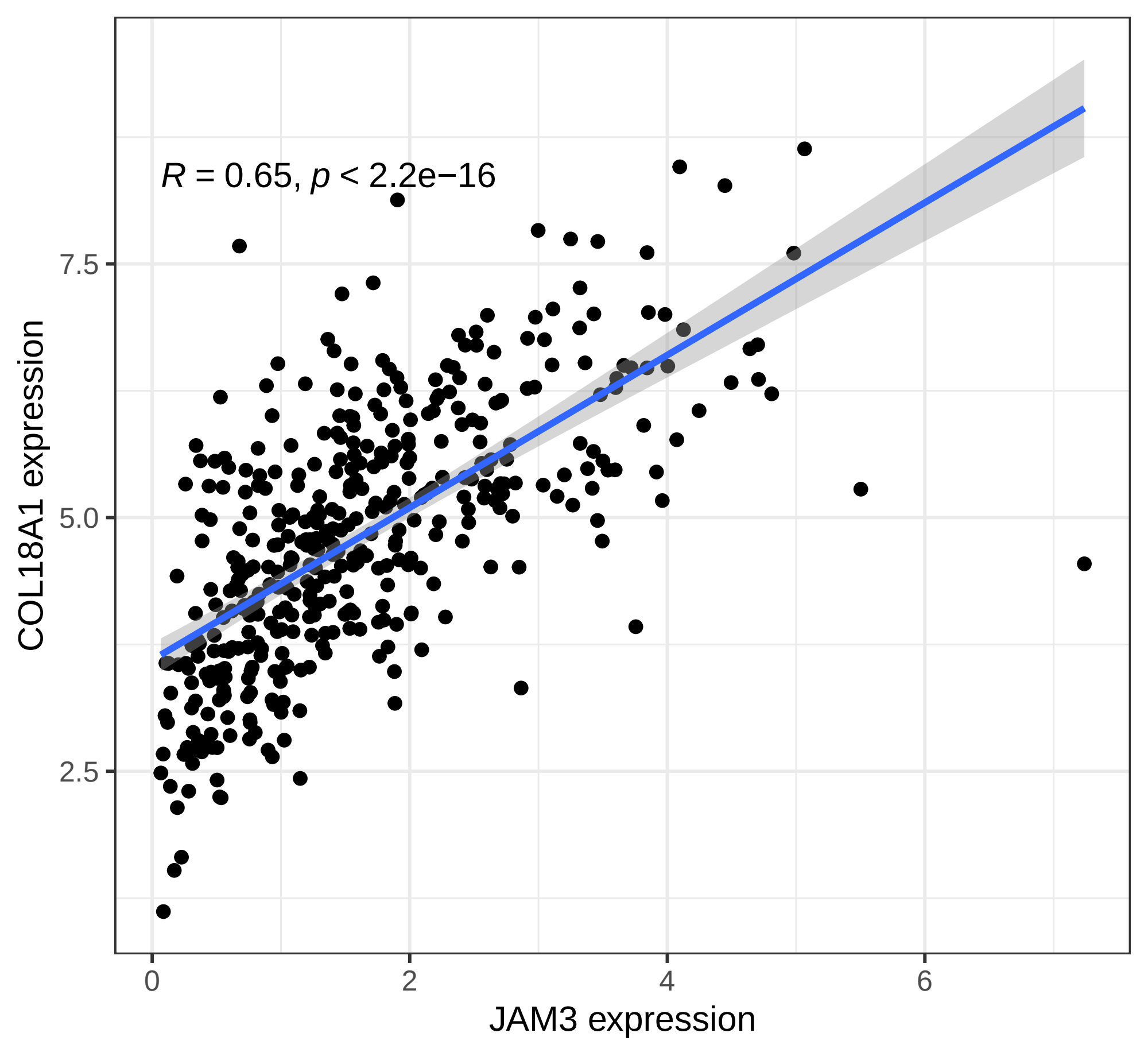

R = 0.6, p < 2.2e−16
COL5A1 expression
JAM3 expression
12.5
10.0
7.5
5.0
2.5
0
2
4
6

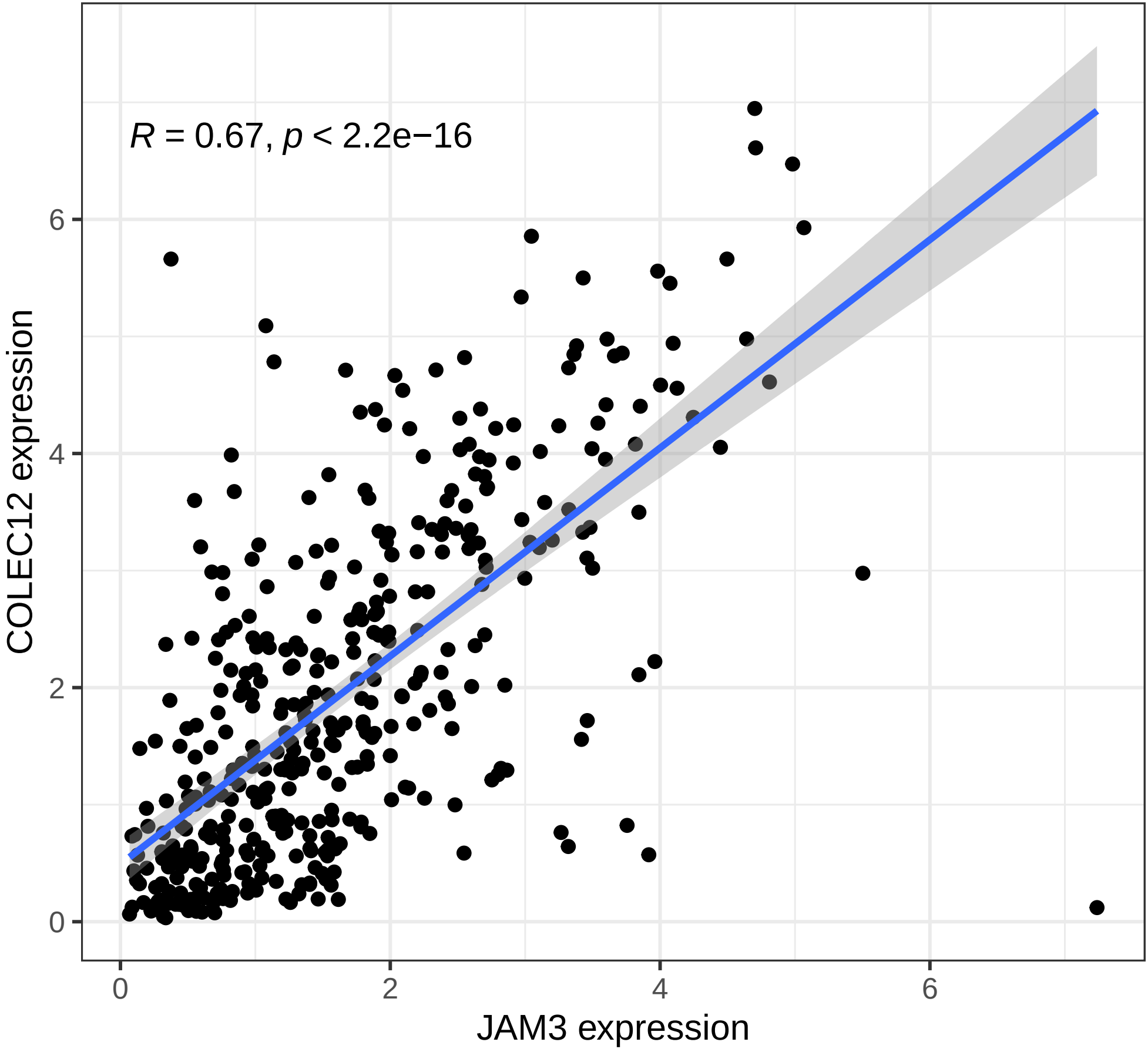

12.5
10.0
7.5
5.0
2.5
COL6A3 expression
R = 0.69, p < 2.2e−16
0
2
4
6
JAM3 expression

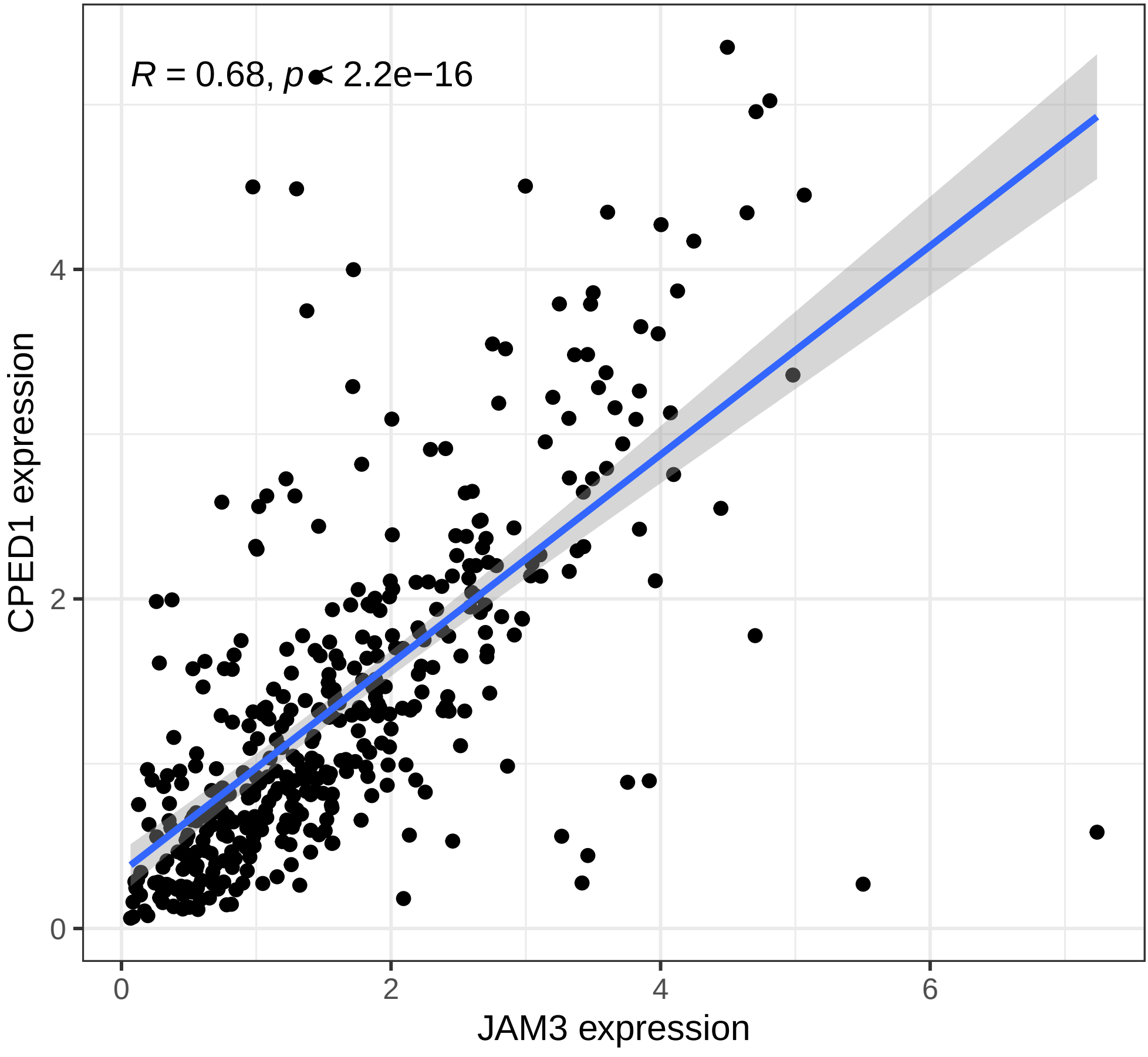

R = 0.62, p < 2.2e−16
COL8A1 expression
JAM3 expression
0.0
2.5
5.0
7.5
0
2
4
6

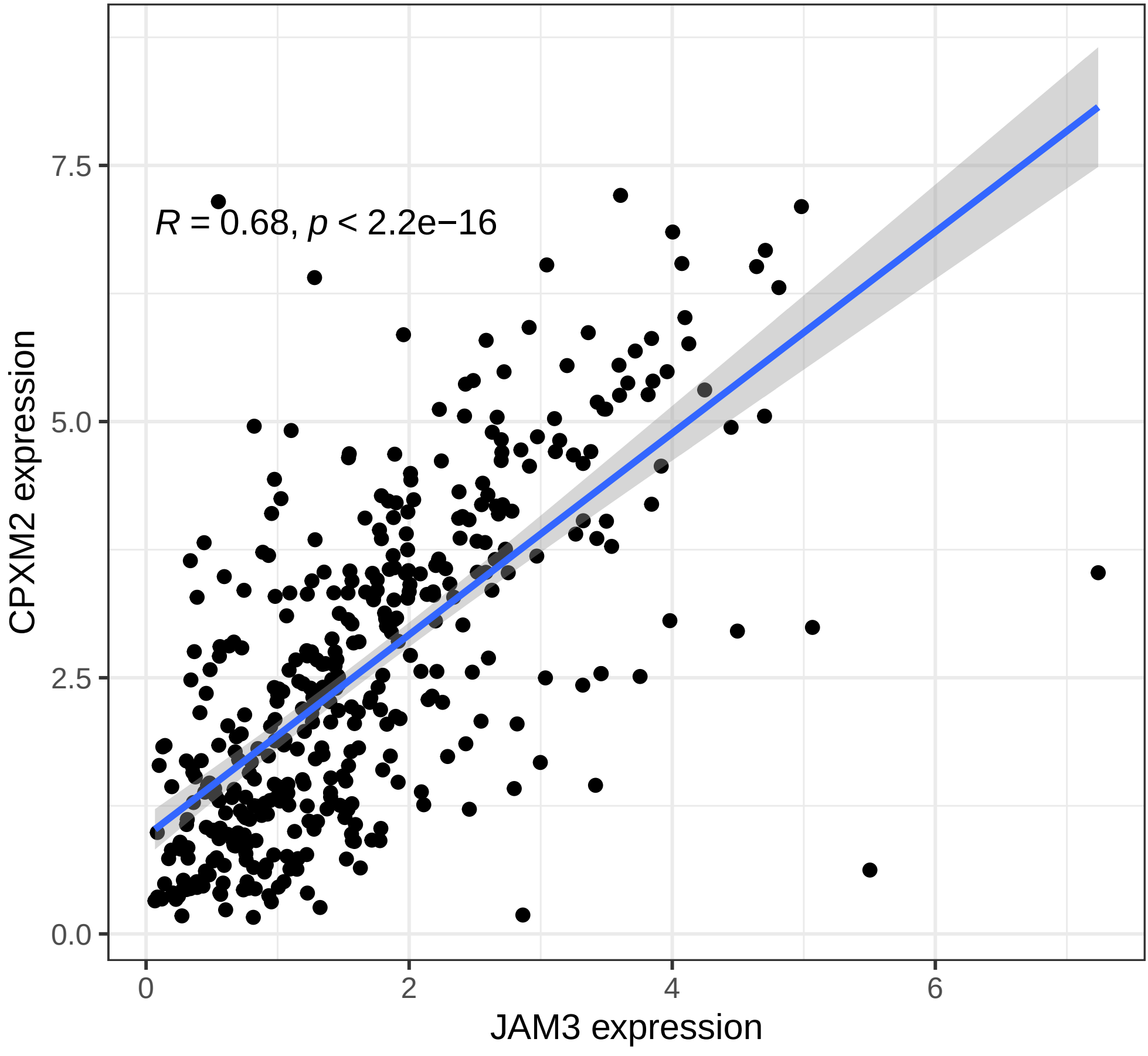

R = 0.69, p < 2.2e−16
COL14A1 expression
7.5
5.0
2.5
0.0
0
2
4
6
JAM3 expression

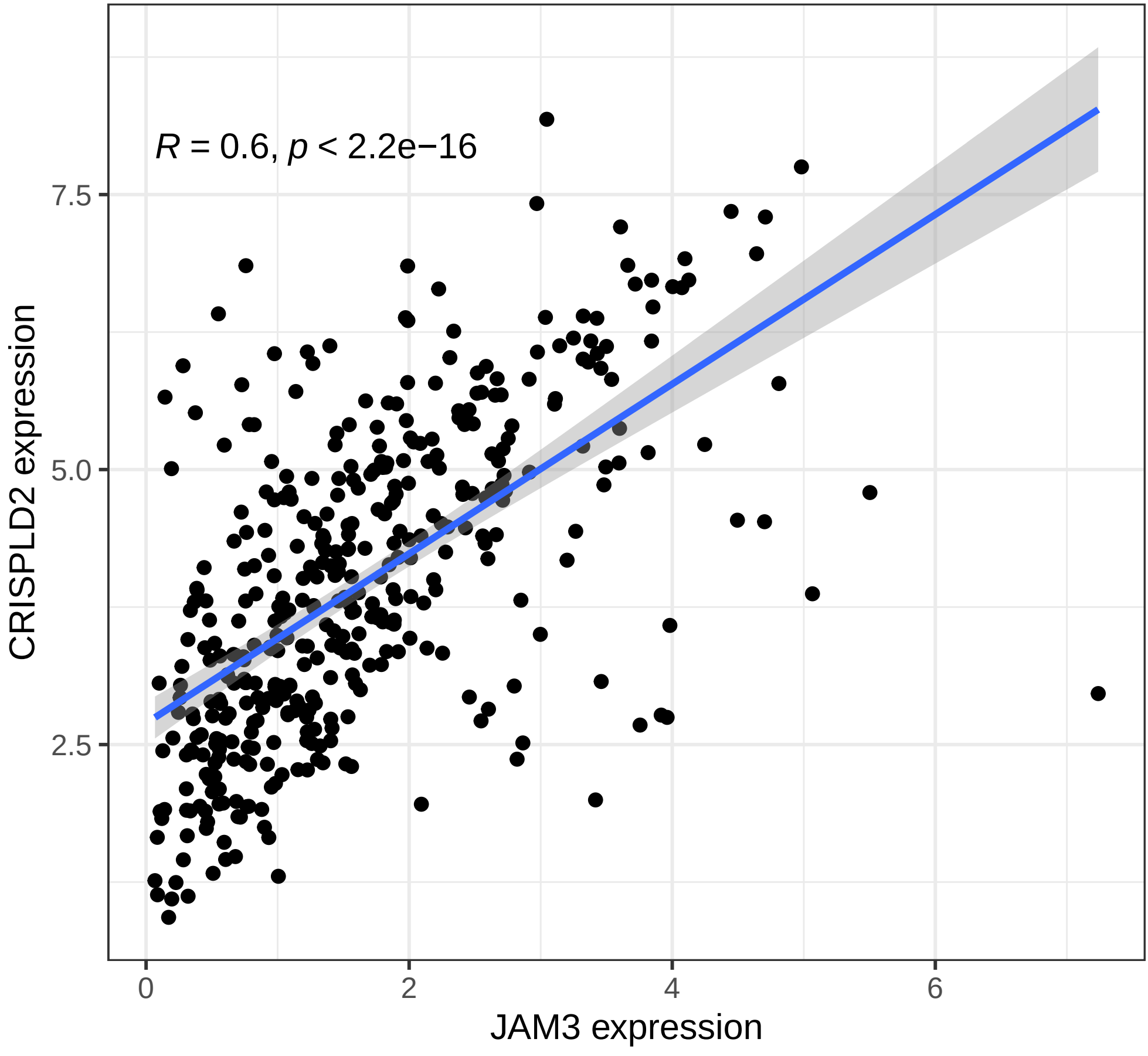

R = 0.67, p < 2.2e−16
COL15A1 expression
JAM3 expression
10.0
7.5
5.0
2.5
0
2
4
6

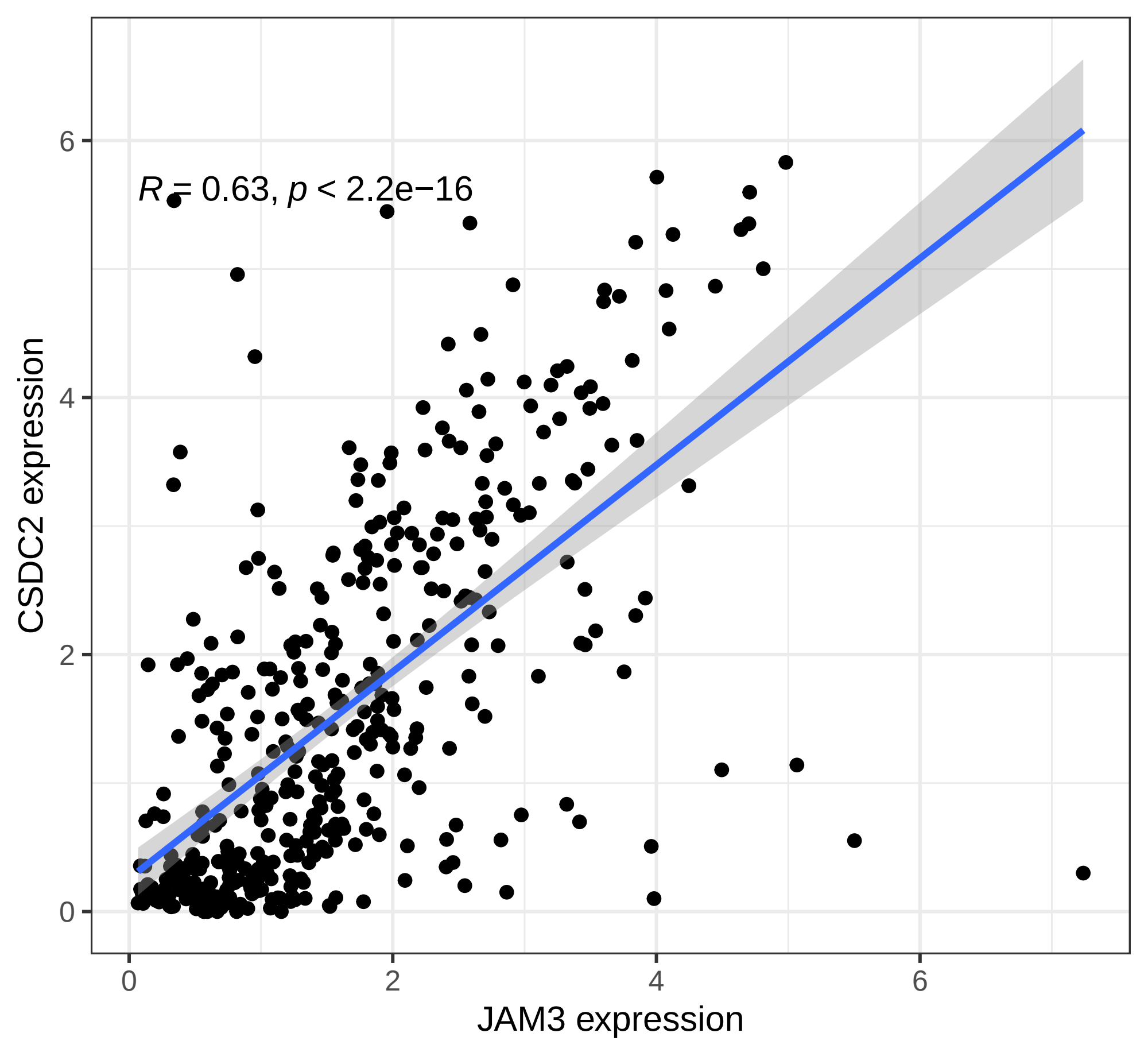

R = 0.65, p < 2.2e−16
COL18A1 expression
7.5
5.0
2.5
0
2
4
6
JAM3 expression

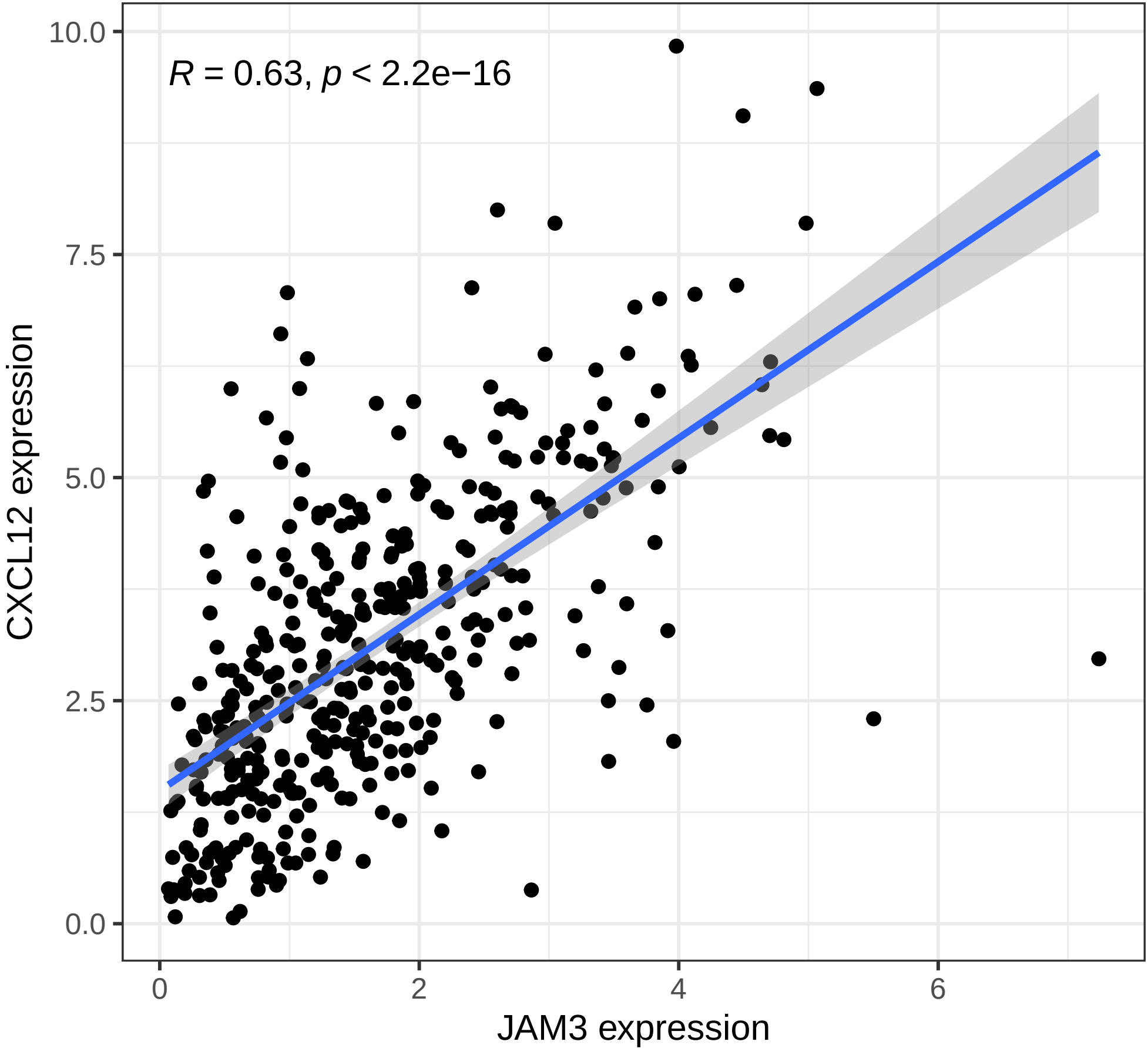

R = 0.67, p < 2.2e−16
COLEC12 expression
JAM3 expression
0
2
4
6
0
2
4
6

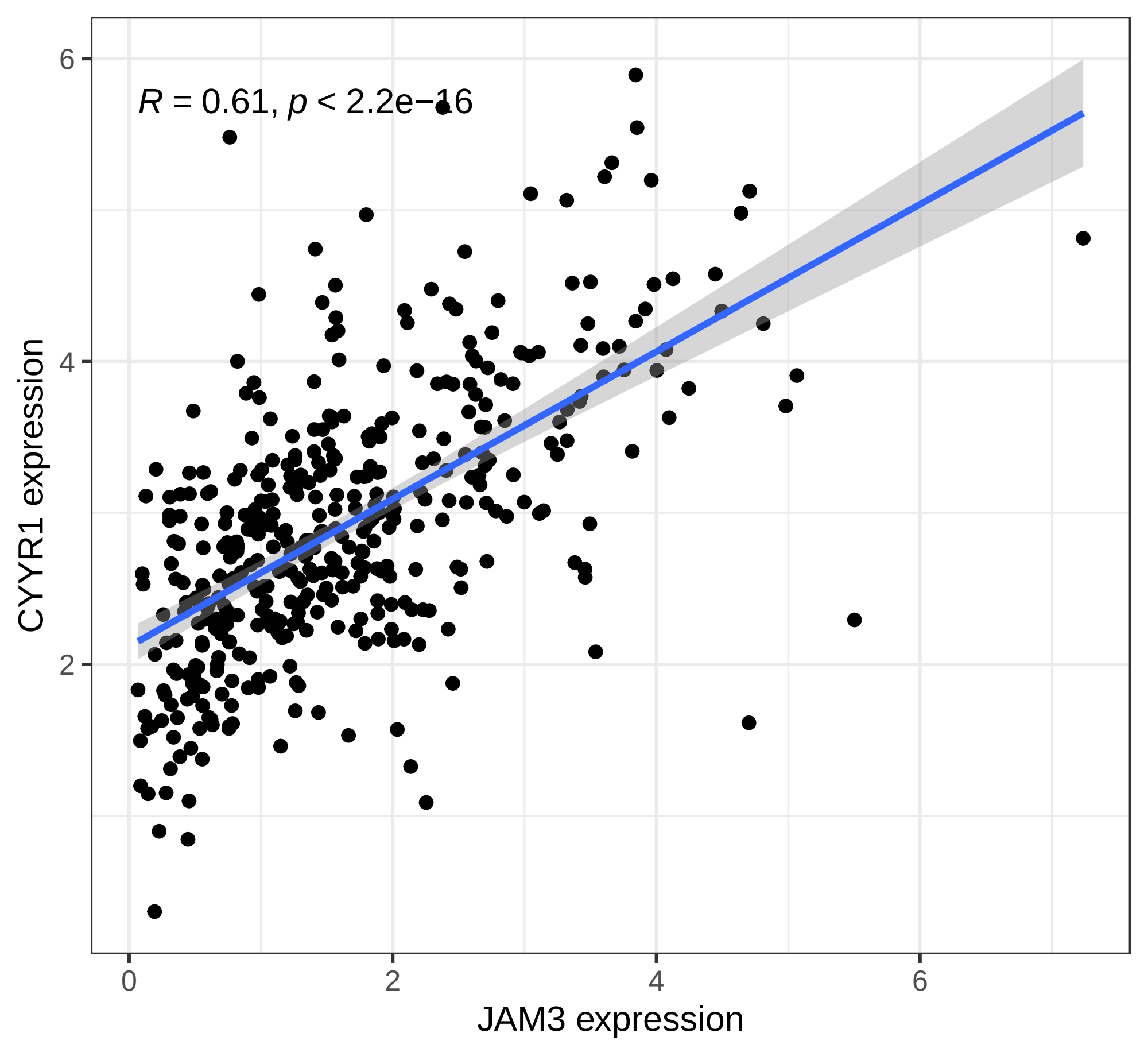

R = 0.68, p < 2.2e−16
CPED1 expression
JAM3 expression
0
2
4
0
2
4
6

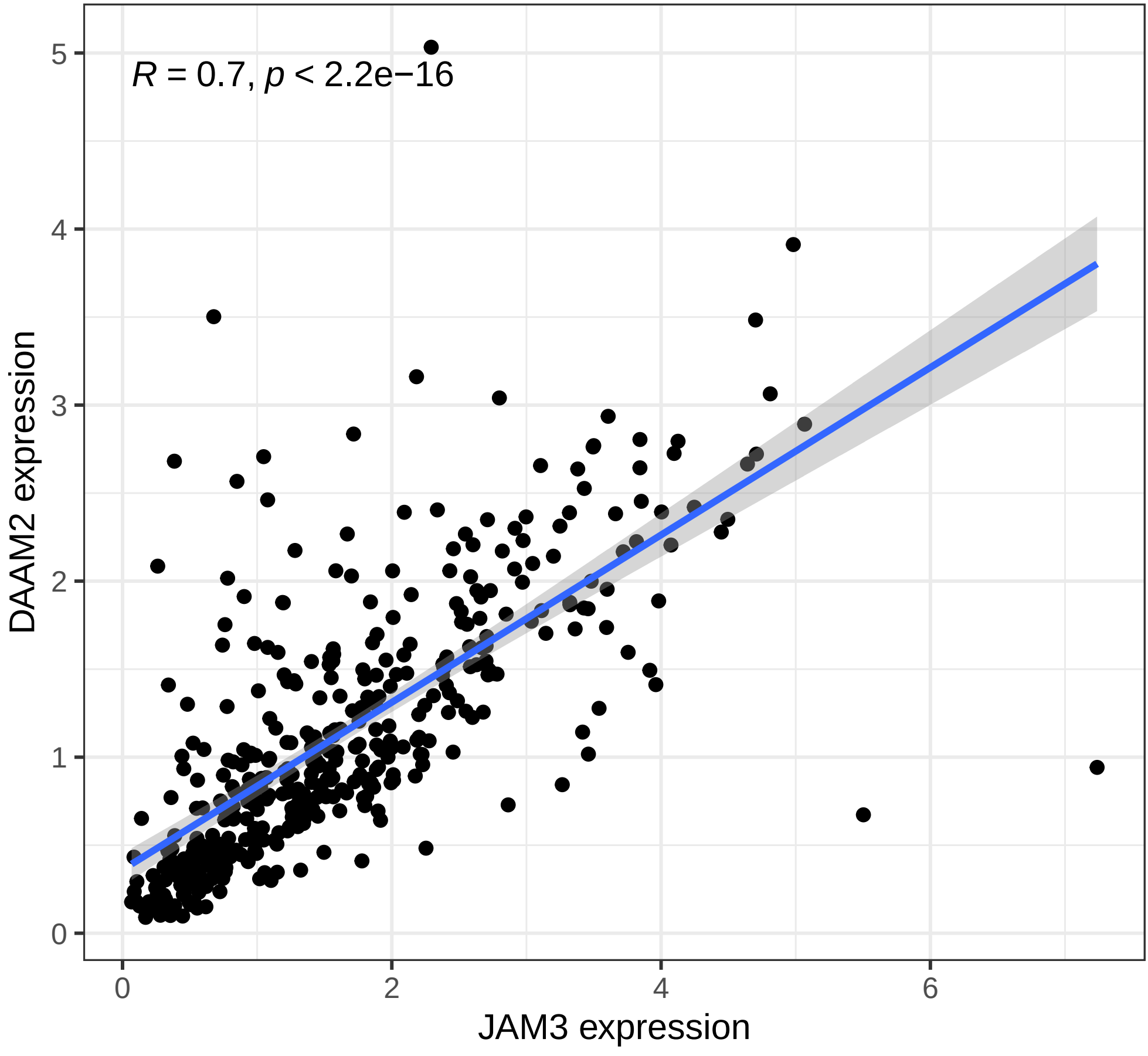

R = 0.68, p < 2.2e−16
CPXM2 expression
JAM3 expression
0.0
2.5
5.0
7.5
0
2
4
6

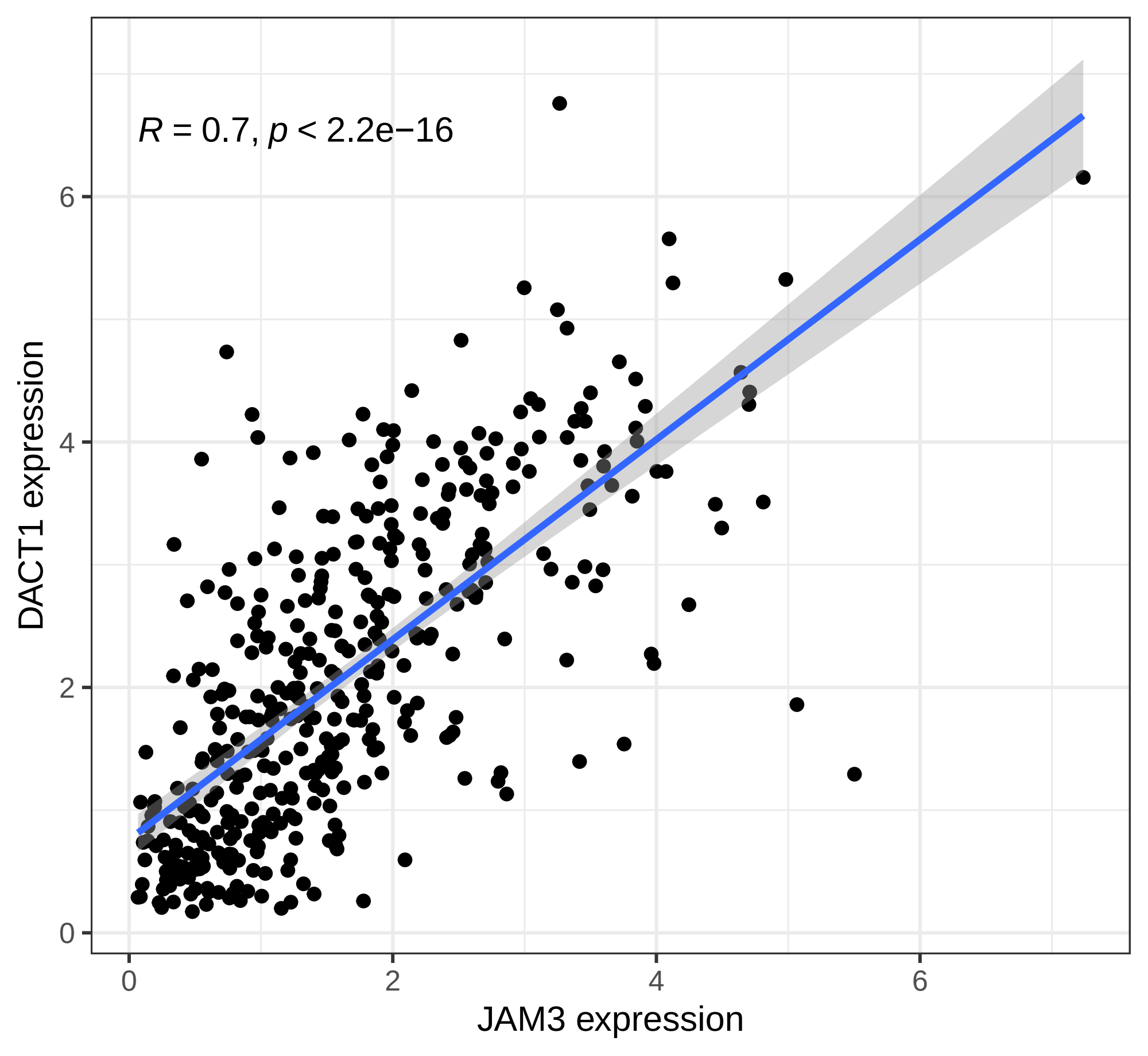

R = 0.6, p < 2.2e−16
7.5
5.0
2.5
CRISPLD2 expression
0
2
4
6
JAM3 expression

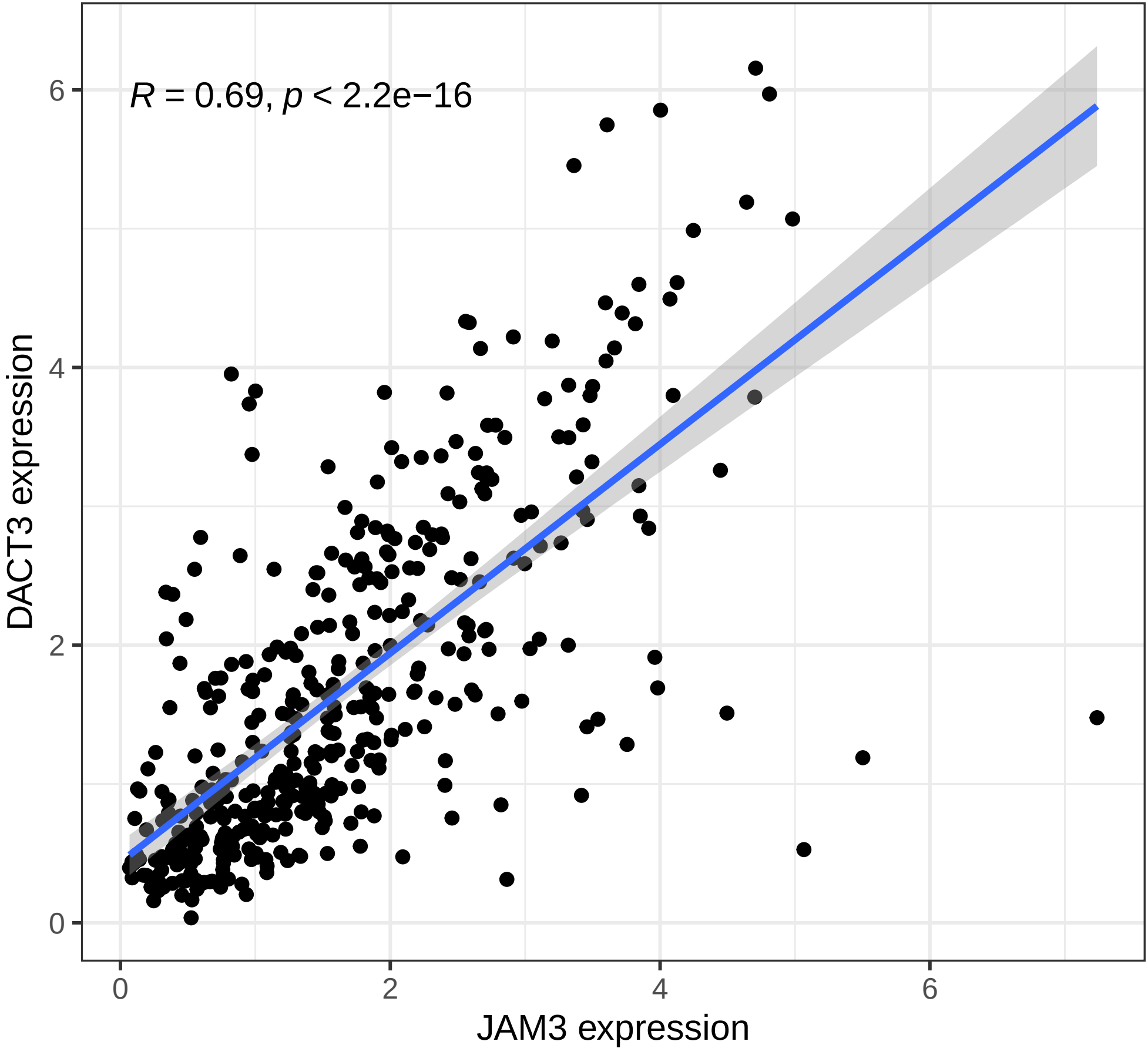

R = 0.63, p < 2.2e−16
CSDC2 expression
JAM3 expression
0
2
4
6
0
2
4
6

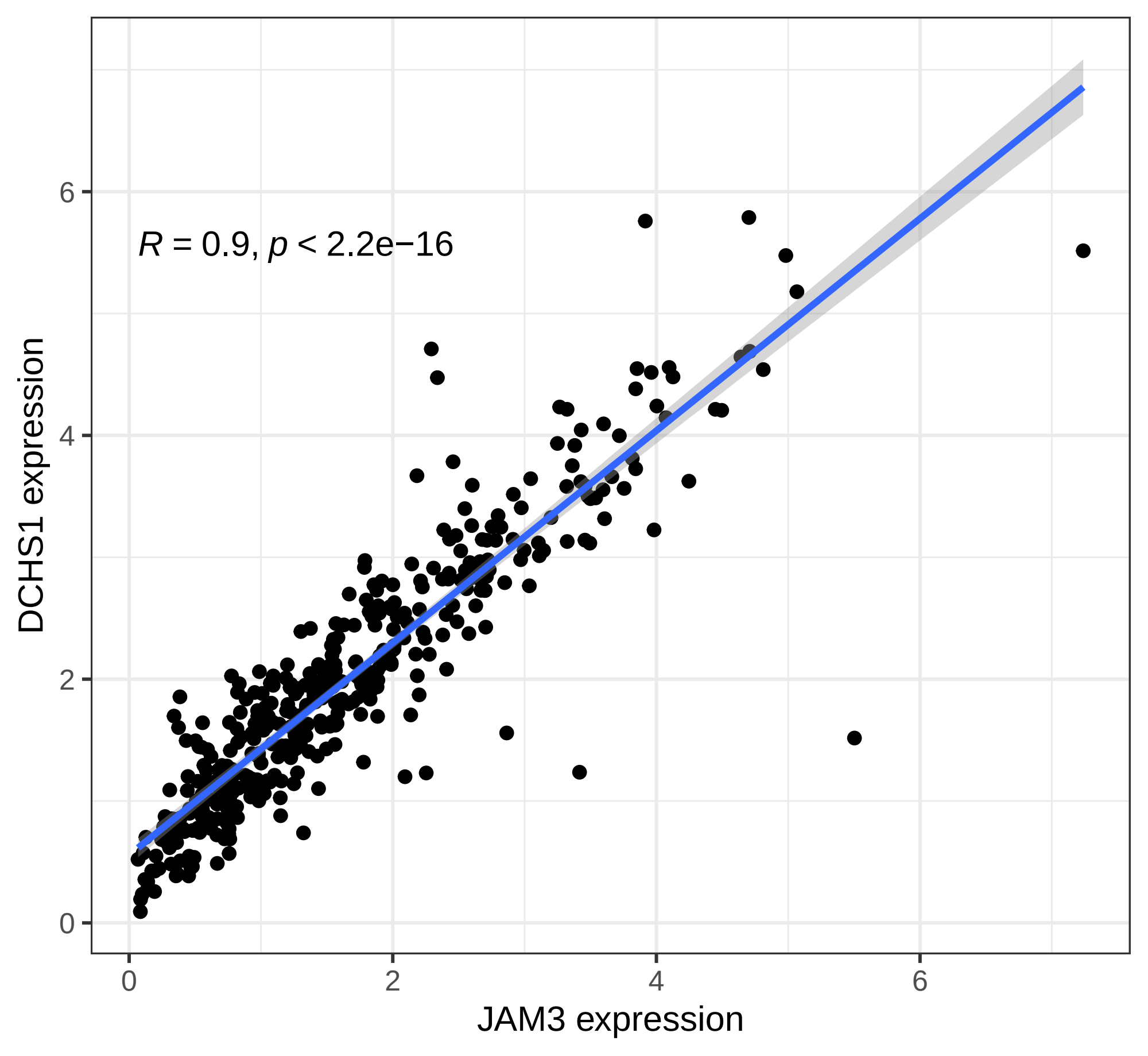

R = 0.63, p < 2.2e−16
CXCL12 expression
JAM3 expression
10.0
7.5
5.0
2.5
0.0
0
2
4
6

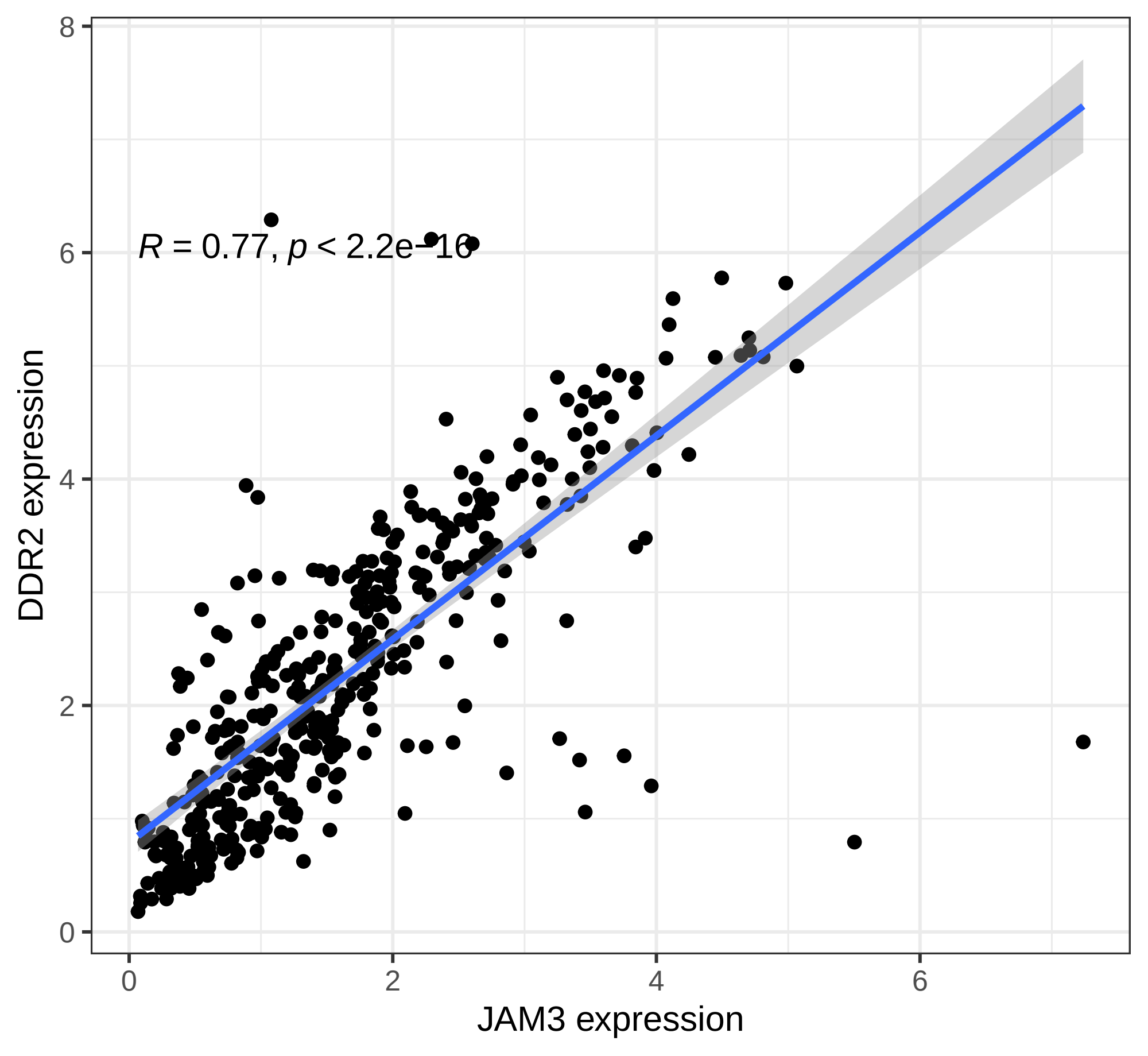

R = 0.61, p < 2.2e−16
CYYR1 expression
JAM3 expression
6
4
2
0
2
4
6

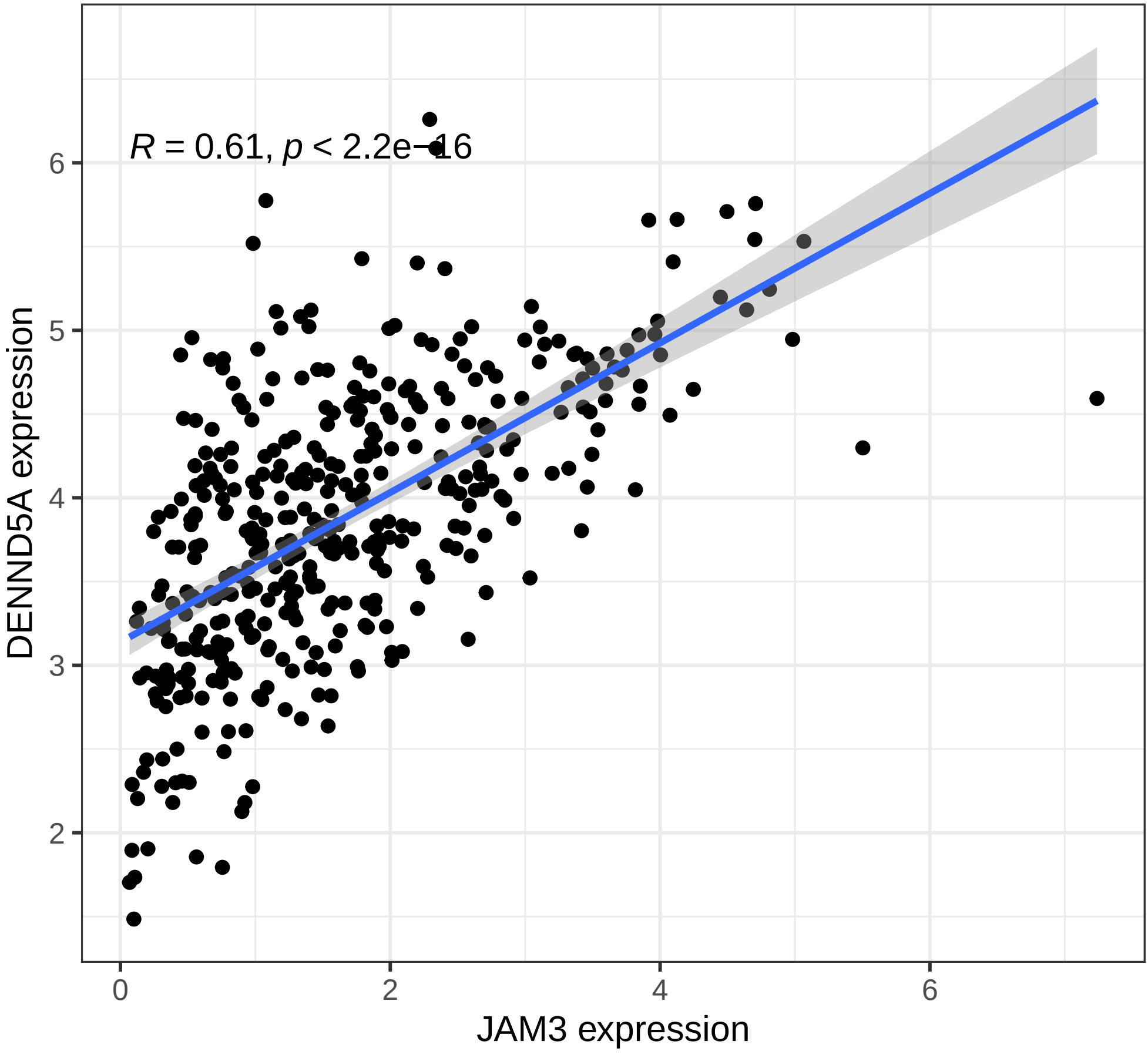

R = 0.7, p < 2.2e−16
DAAM2 expression
JAM3 expression
0
1
2
3
4
5
0
2
4
6

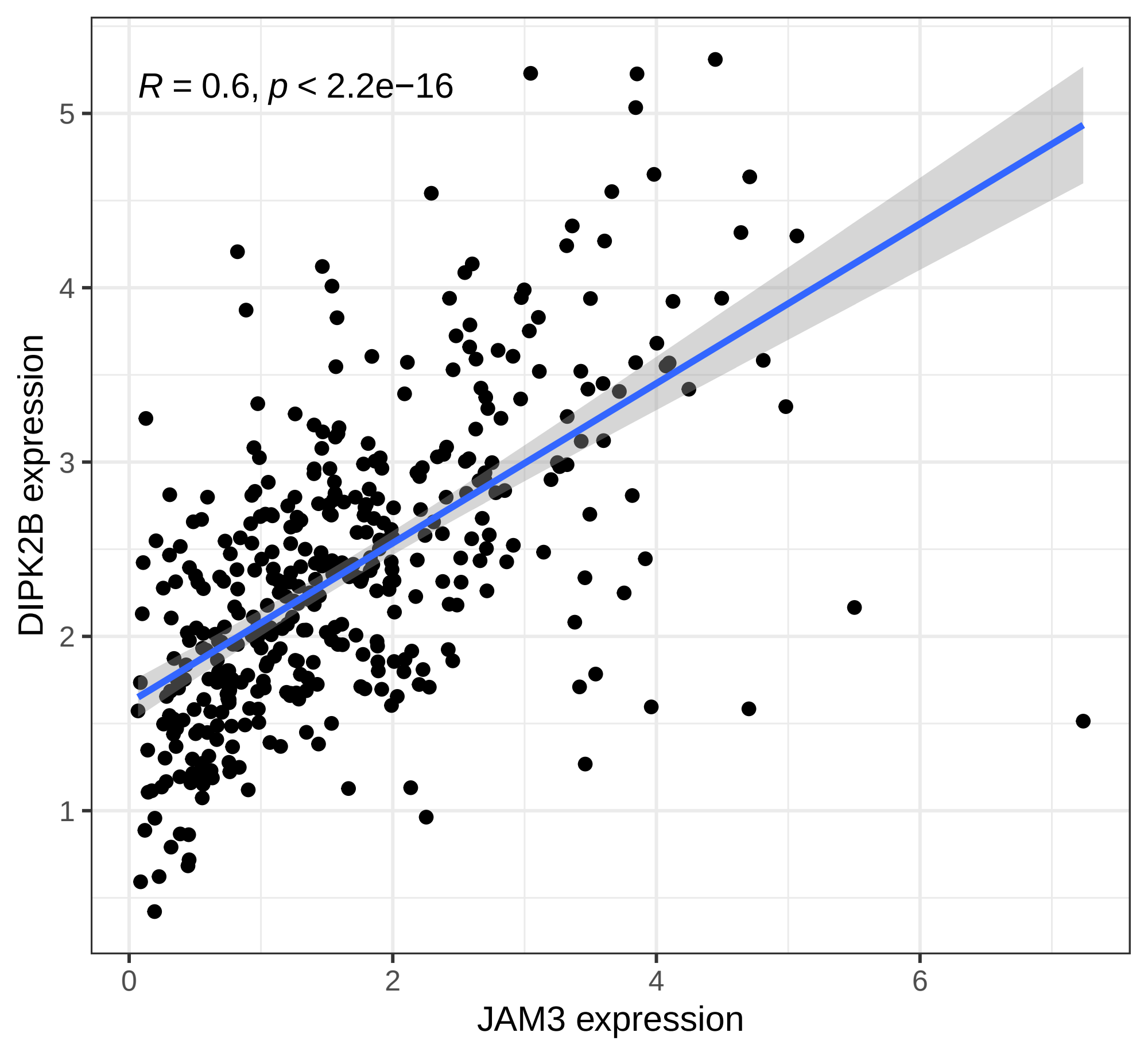

R = 0.7, p < 2.2e−16
DACT1 expression
JAM3 expression
0
2
4
6
0
2
4
6

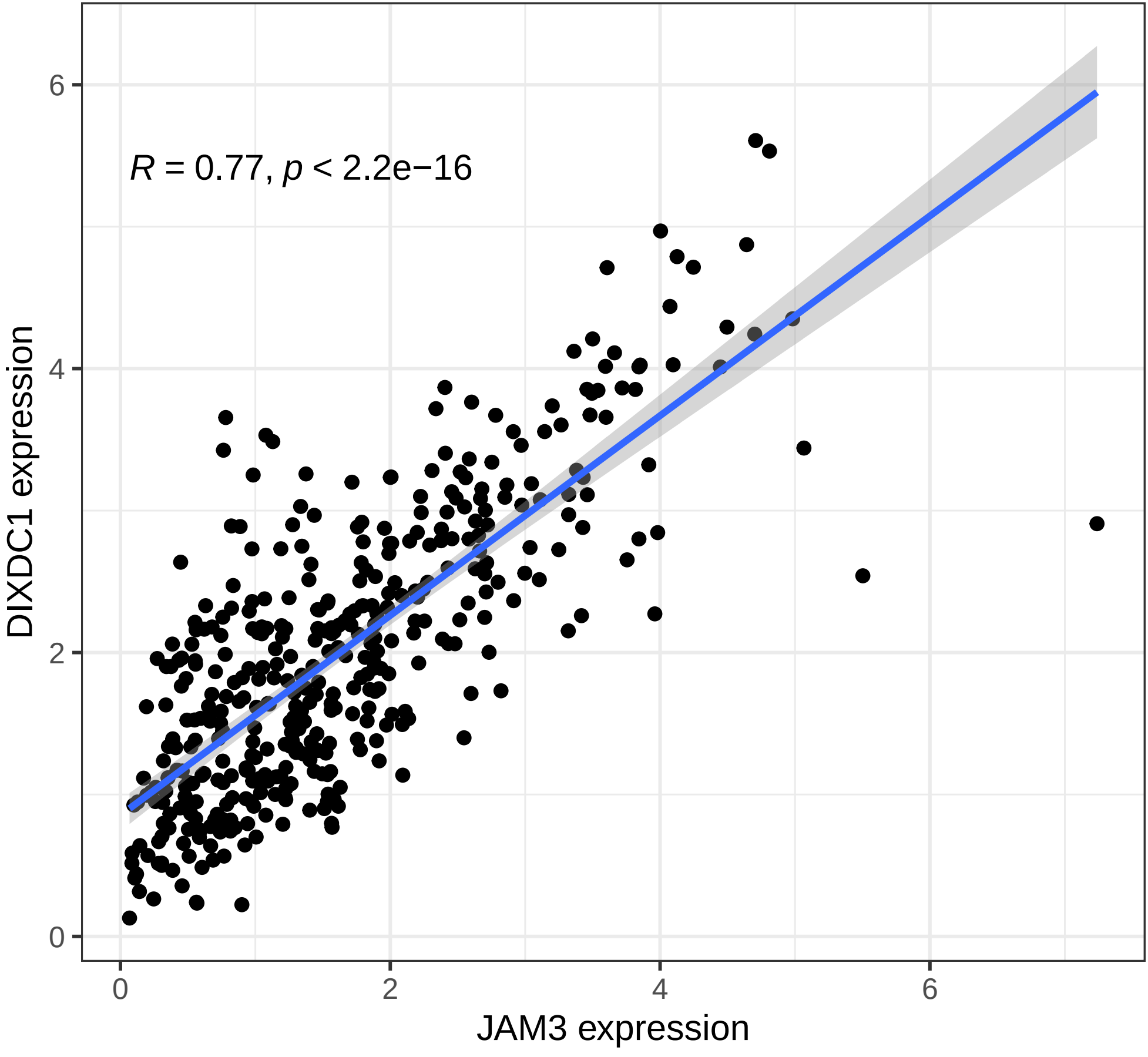

R = 0.69, p < 2.2e−16
DACT3 expression
JAM3 expression
0
2
4
6
0
2
4
6

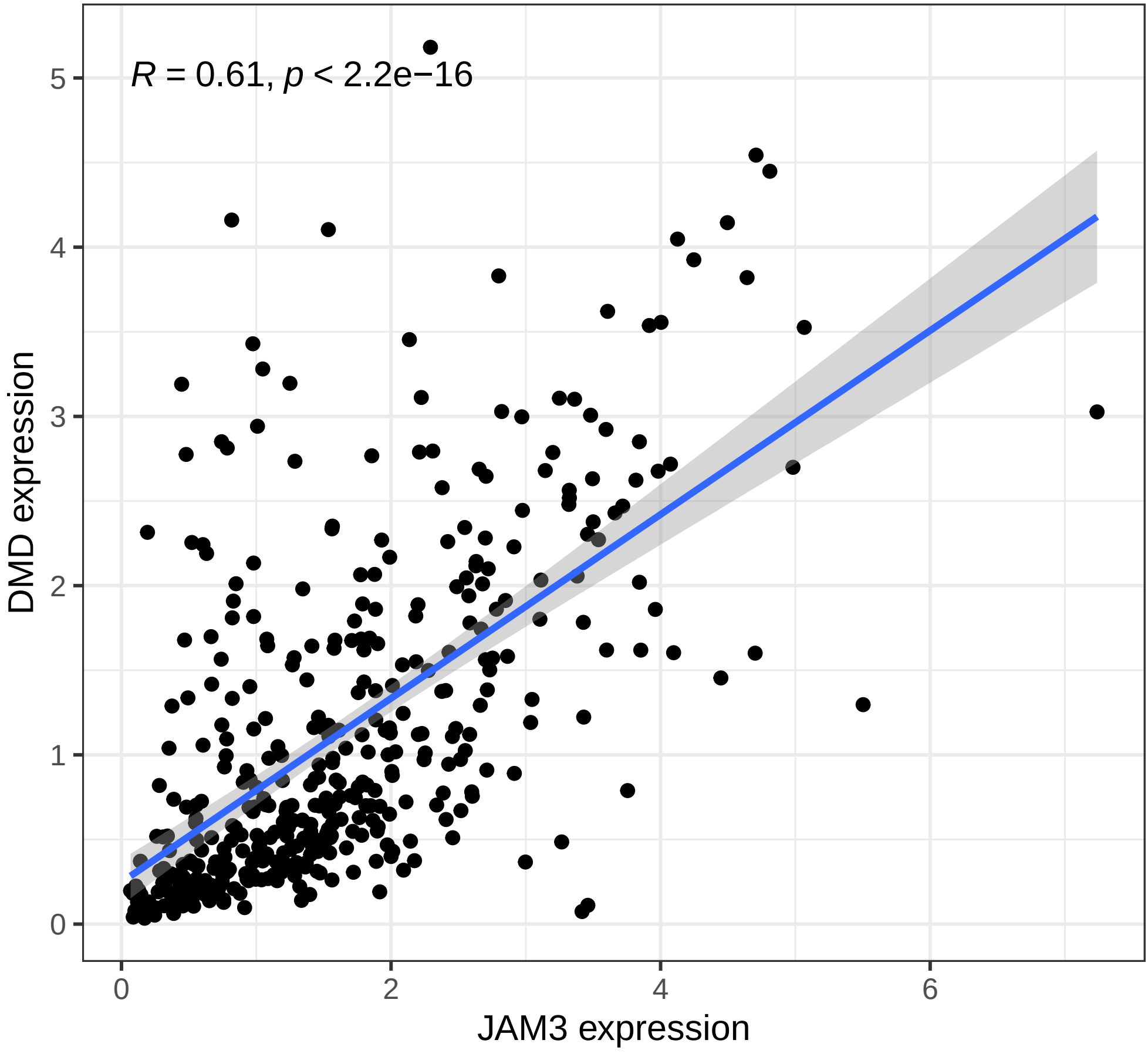

R = 0.9, p < 2.2e−16
DCHS1 expression
JAM3 expression
0
2
4
6
0
2
4
6

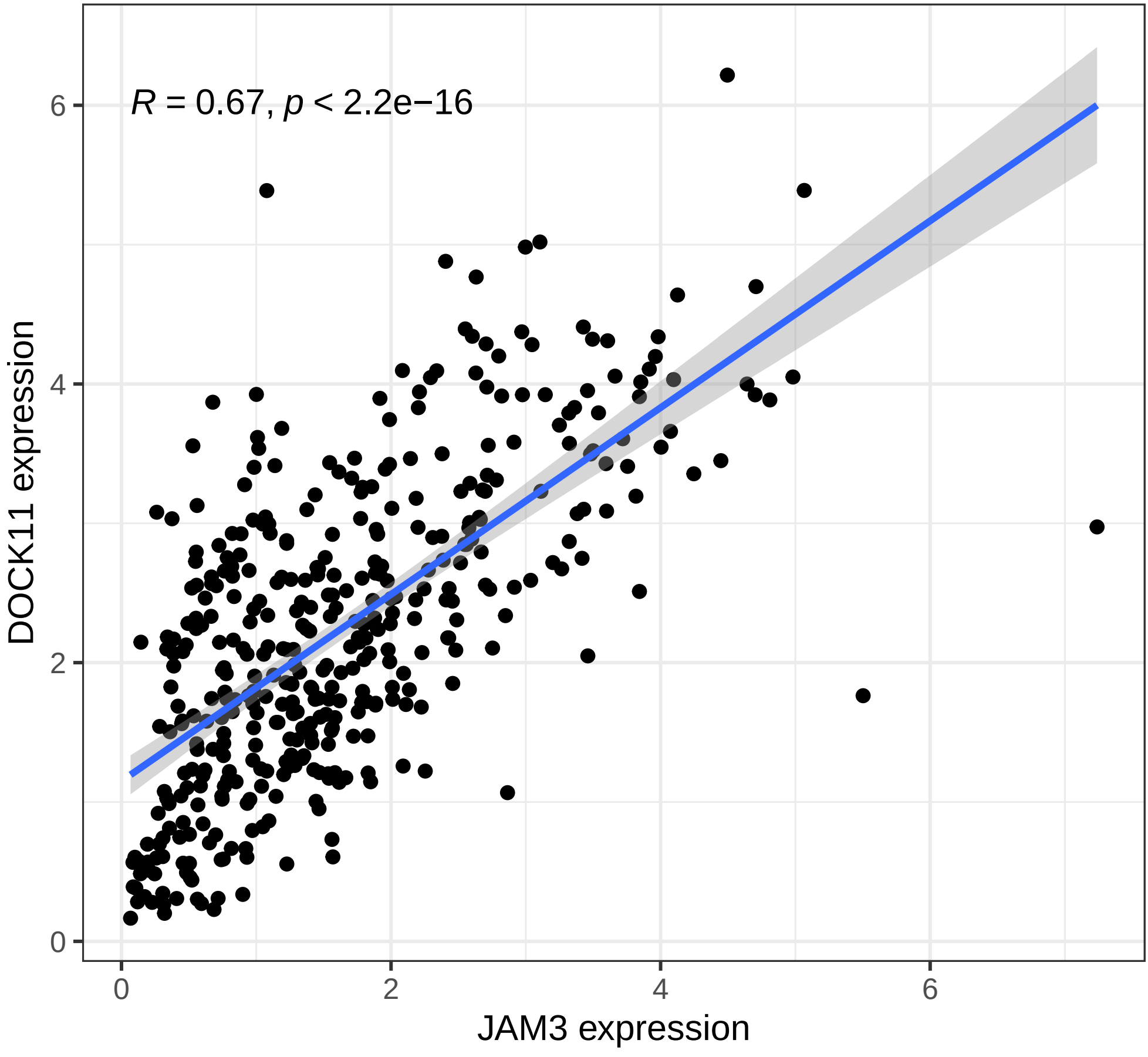

R = 0.77, p < 2.2e−16
DDR2 expression
JAM3 expression
0
2
4
6
8

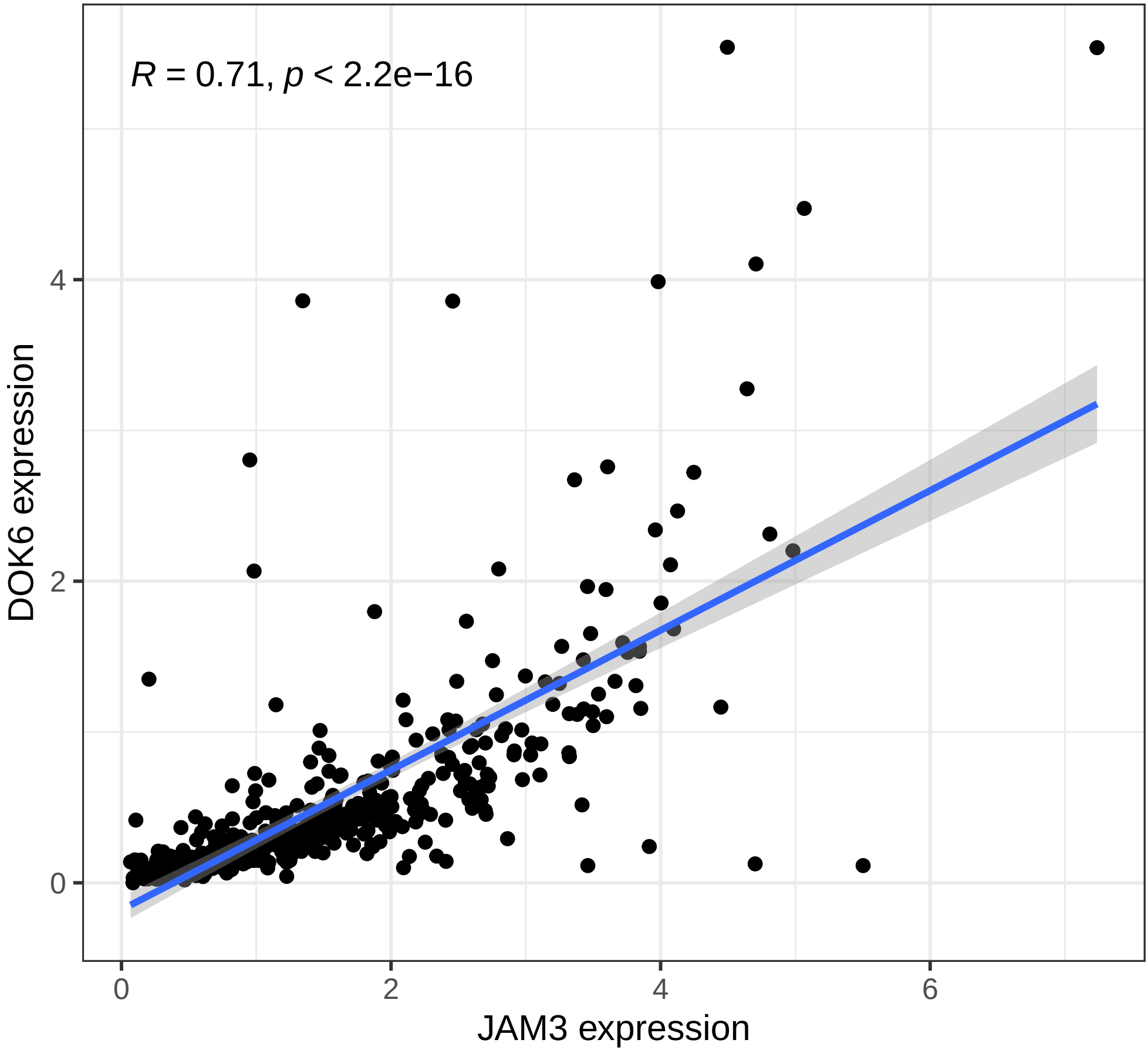

R = 0.61, p < 2.2e−16
DENND5A expression
JAM3 expression
6
5
4
3
2
0
2
4
6

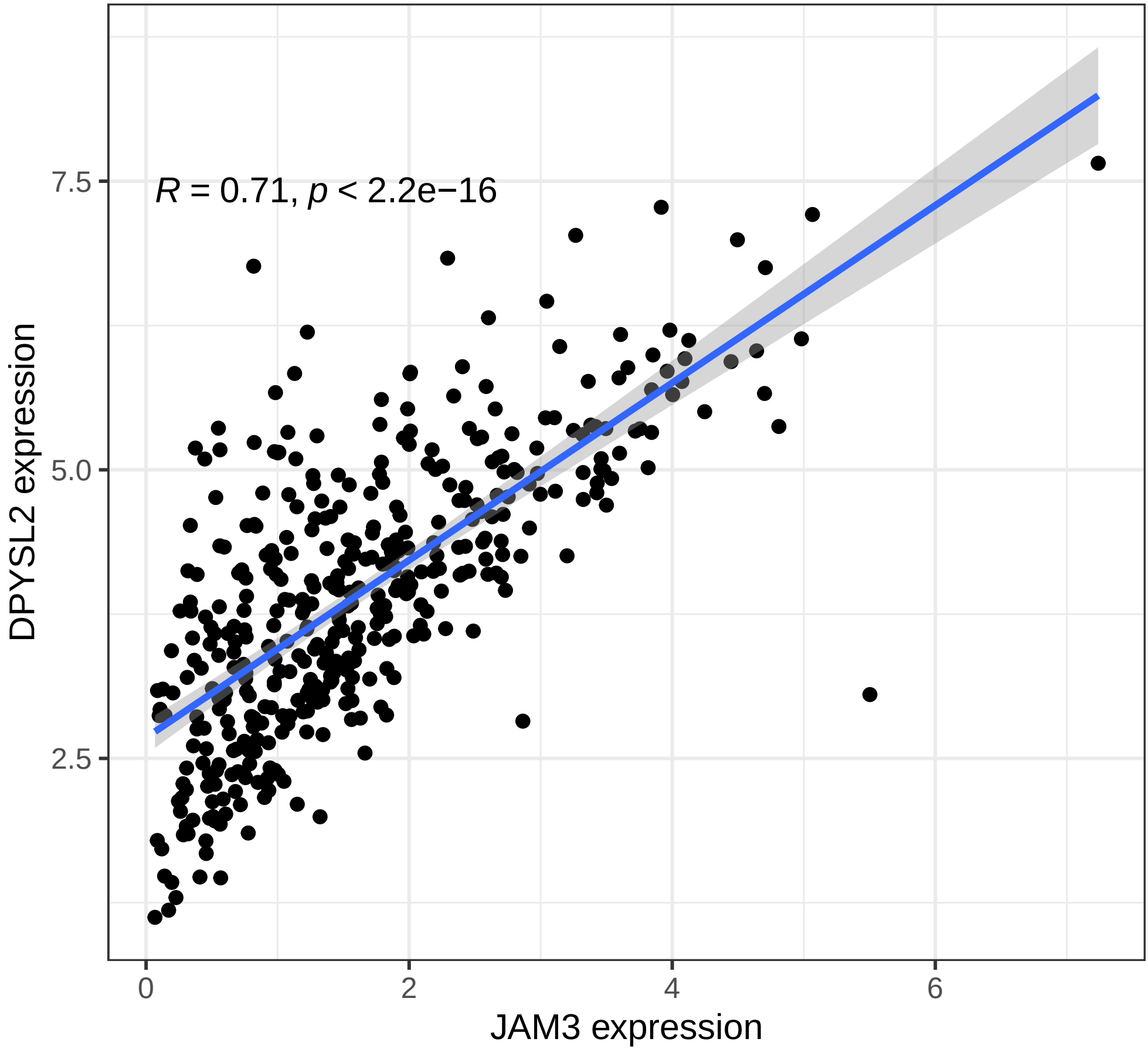

R = 0.6, p < 2.2e−16
DIPK2B expression
JAM3 expression
0
2
4
6
1
2
3
4
5

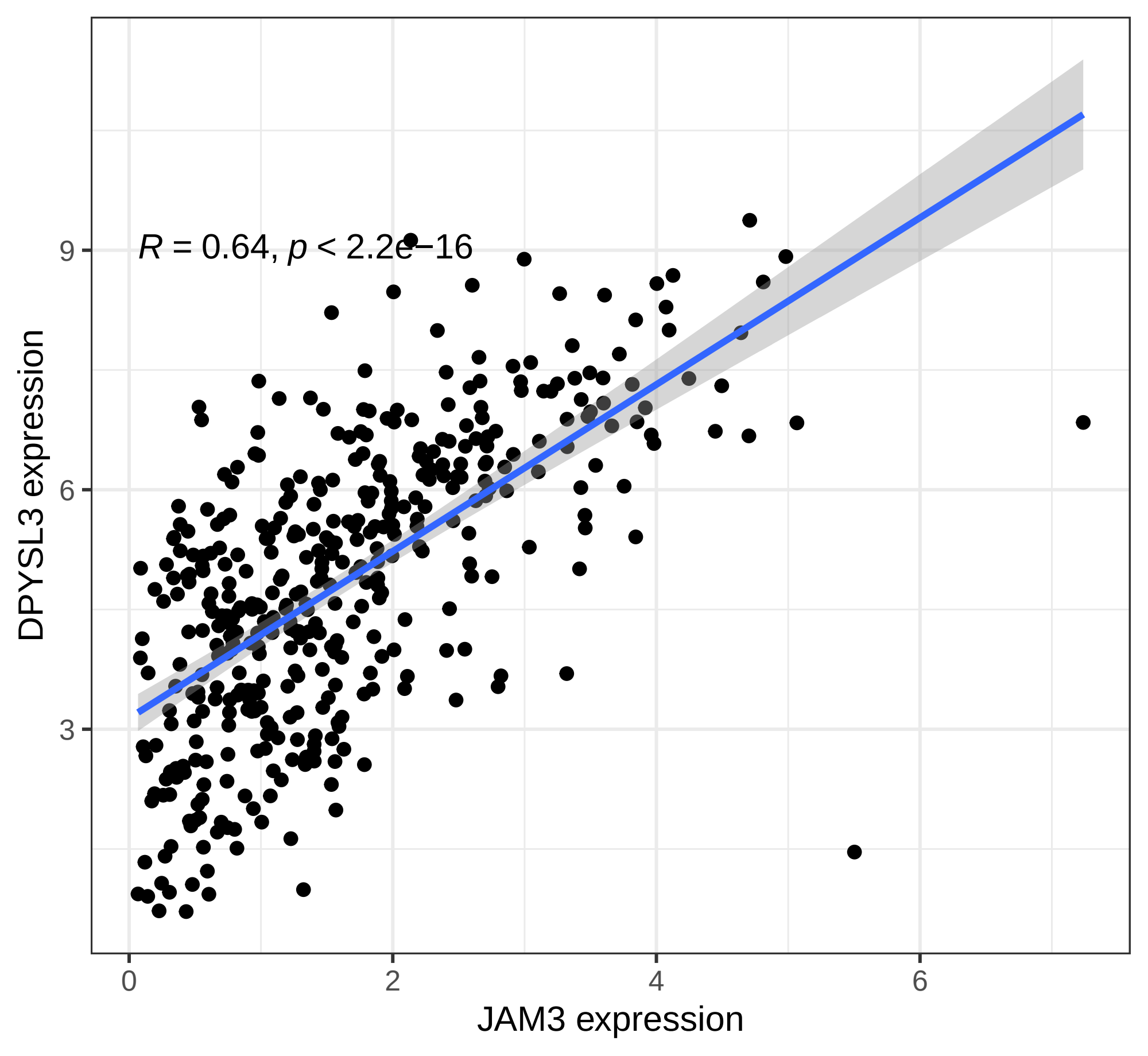

R = 0.77, p < 2.2e−16
DIXDC1 expression
JAM3 expression
0
2
4
6
0
2
4
6

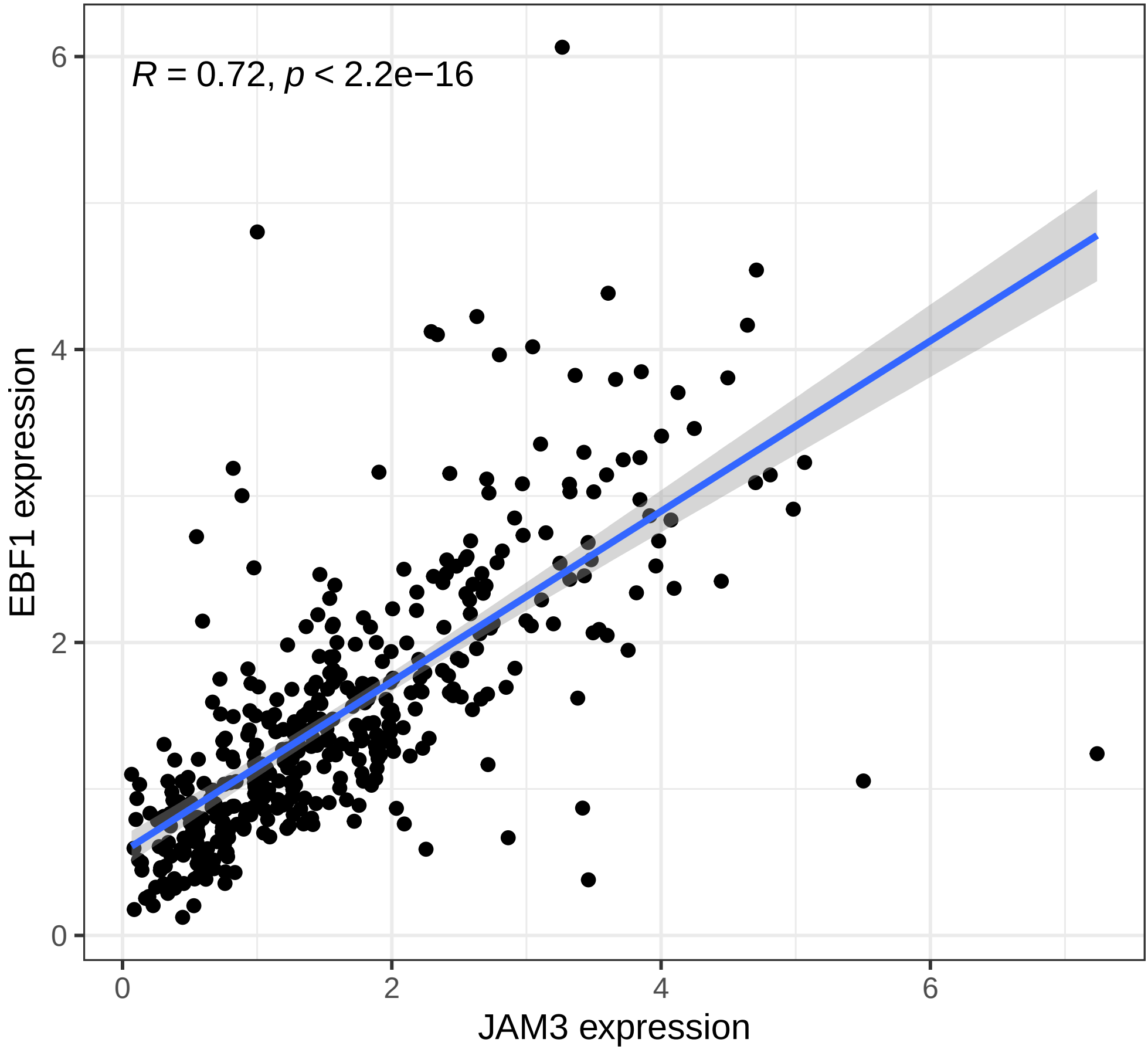

R = 0.61, p < 2.2e−16
DMD expression
JAM3 expression
0
1
2
3
4
5
0
2
4
6

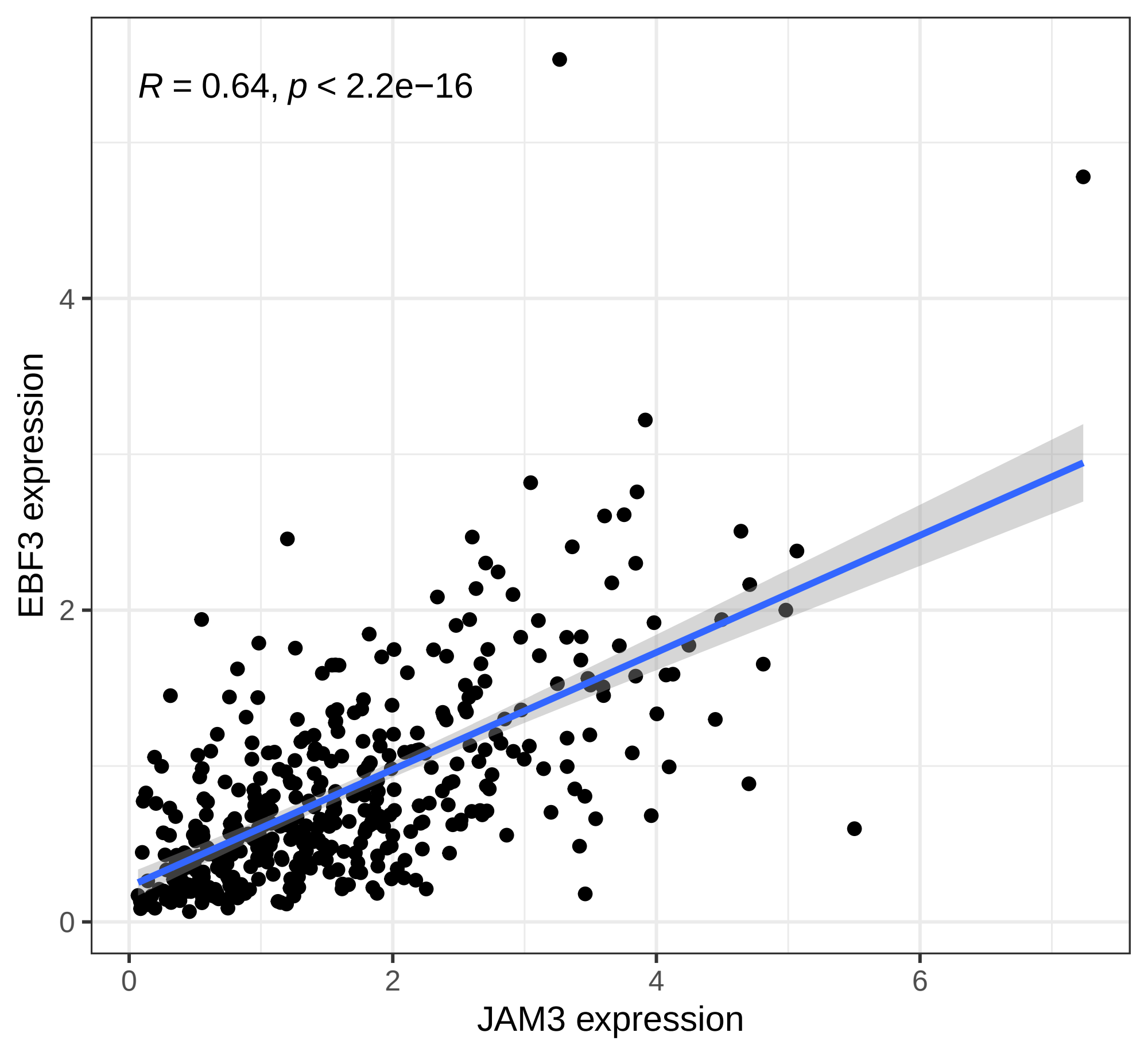

R = 0.67, p < 2.2e−16
DOCK11 expression
JAM3 expression
0
2
4
6
0
2
4
6

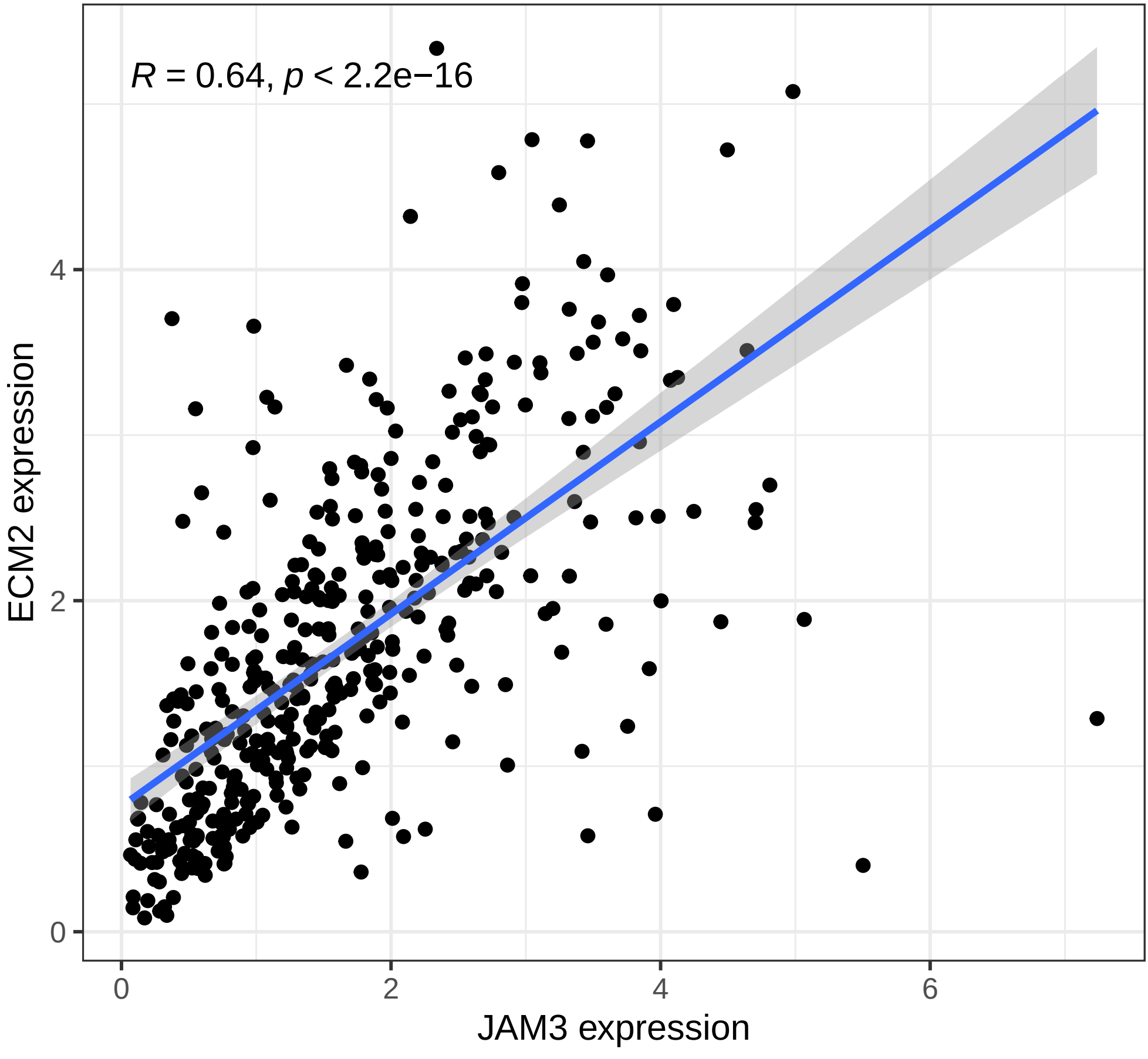

R = 0.71, p < 2.2e−16
DOK6 expression
JAM3 expression
0
2
4
0
2
4
6

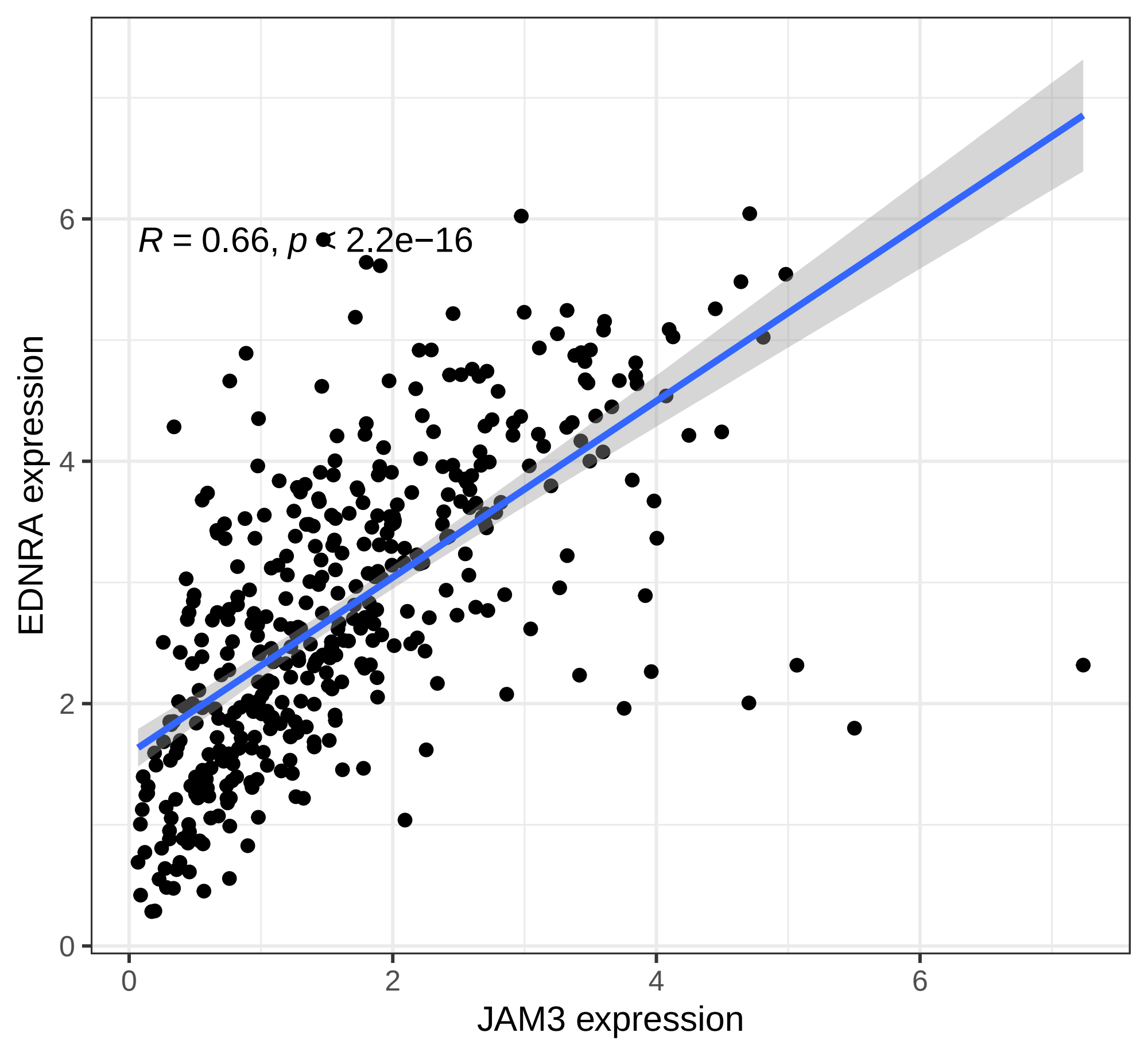

R = 0.71, p < 2.2e−16
DPYSL2 expression
JAM3 expression
7.5
5.0
2.5
0
2
4
6

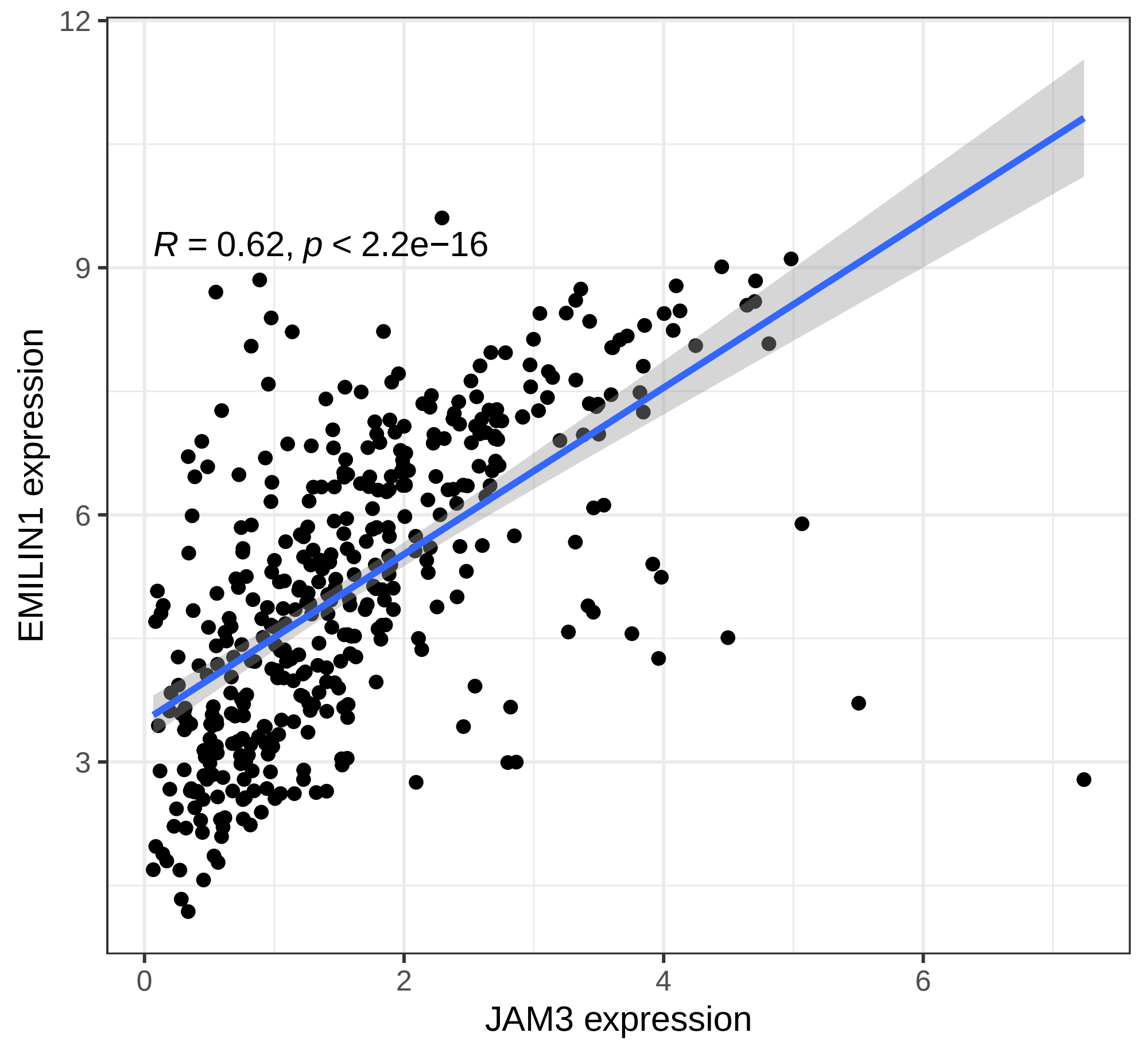

R = 0.64, p < 2.2e−16
DPYSL3 expression
JAM3 expression
9
6
3
0
2
4
6

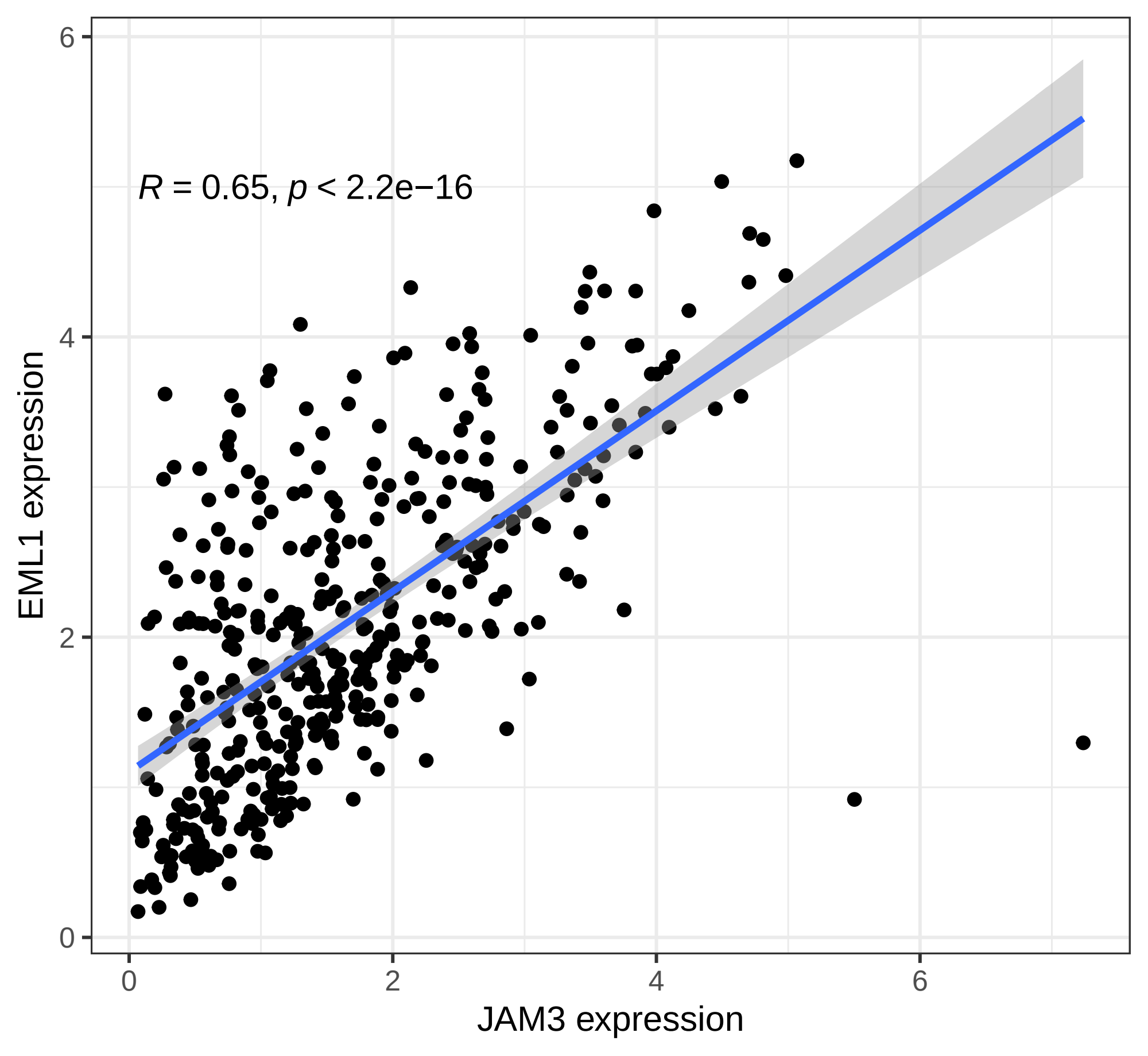

R = 0.72, p < 2.2e−16
EBF1 expression
JAM3 expression
0
2
4
6
0
2
4
6

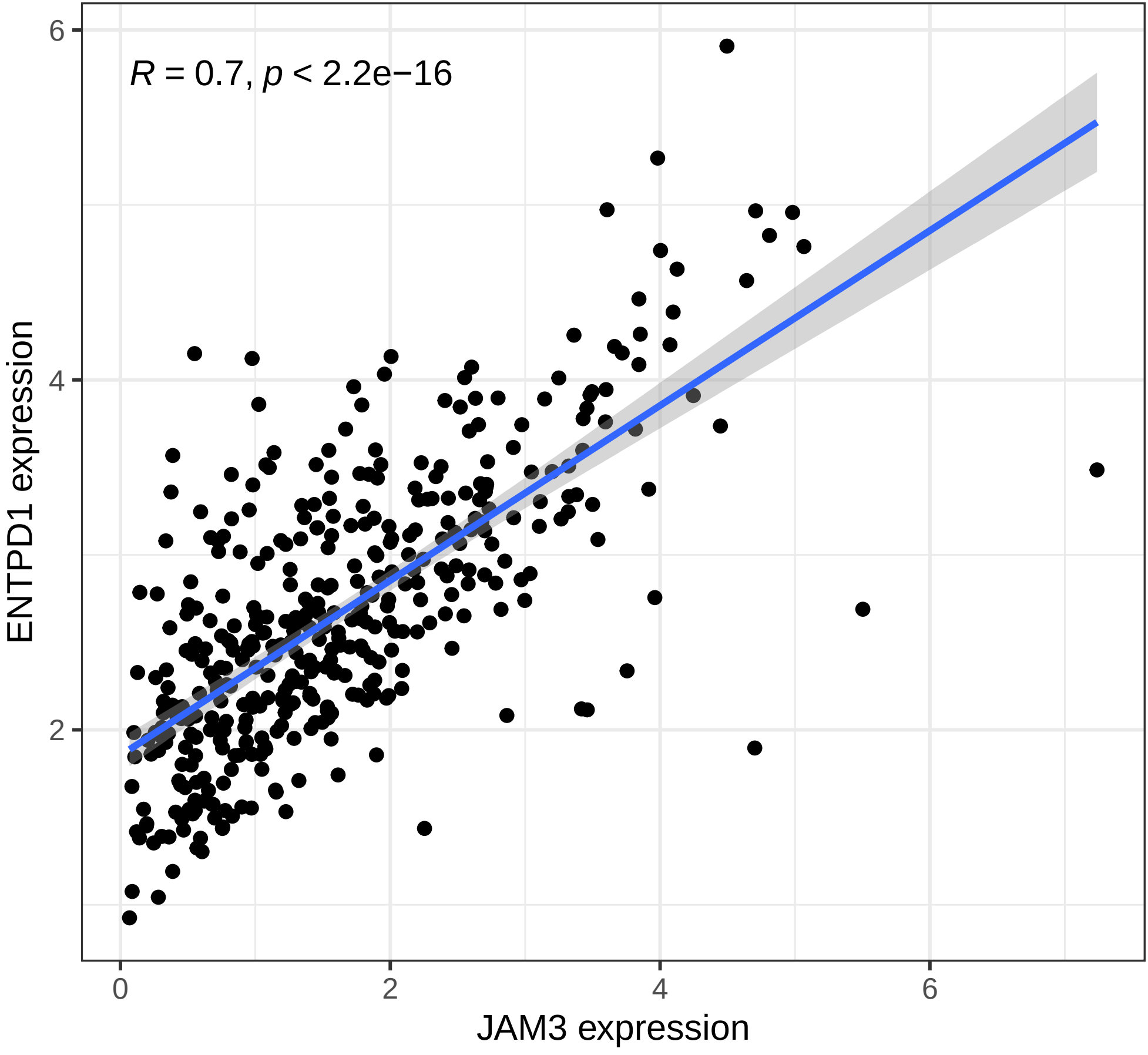

R = 0.64, p < 2.2e−16
EBF3 expression
JAM3 expression
0
2
4
0
2
4
6

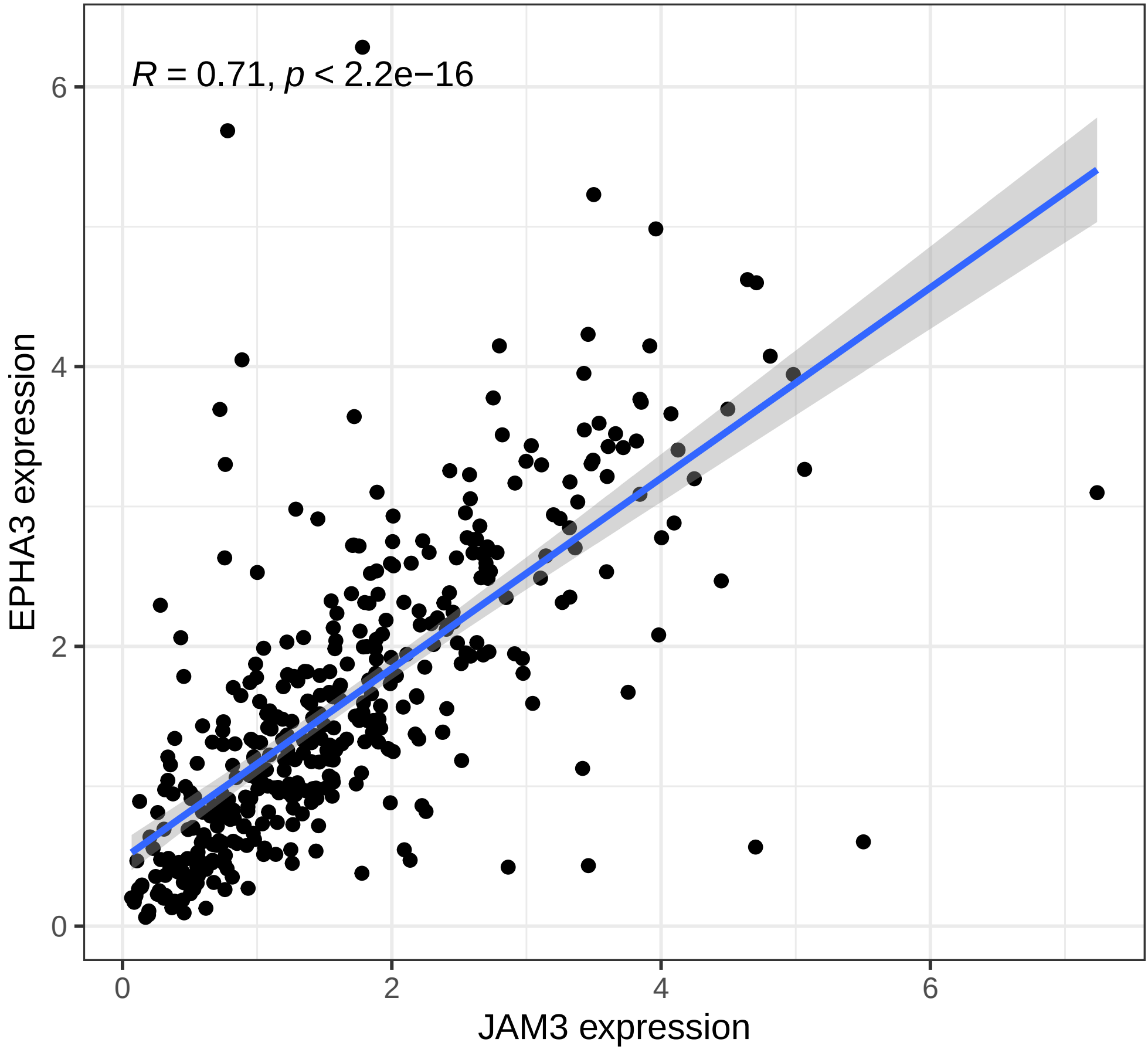

R = 0.64, p < 2.2e−16
ECM2 expression
JAM3 expression
0
2
4
0
2
4
6

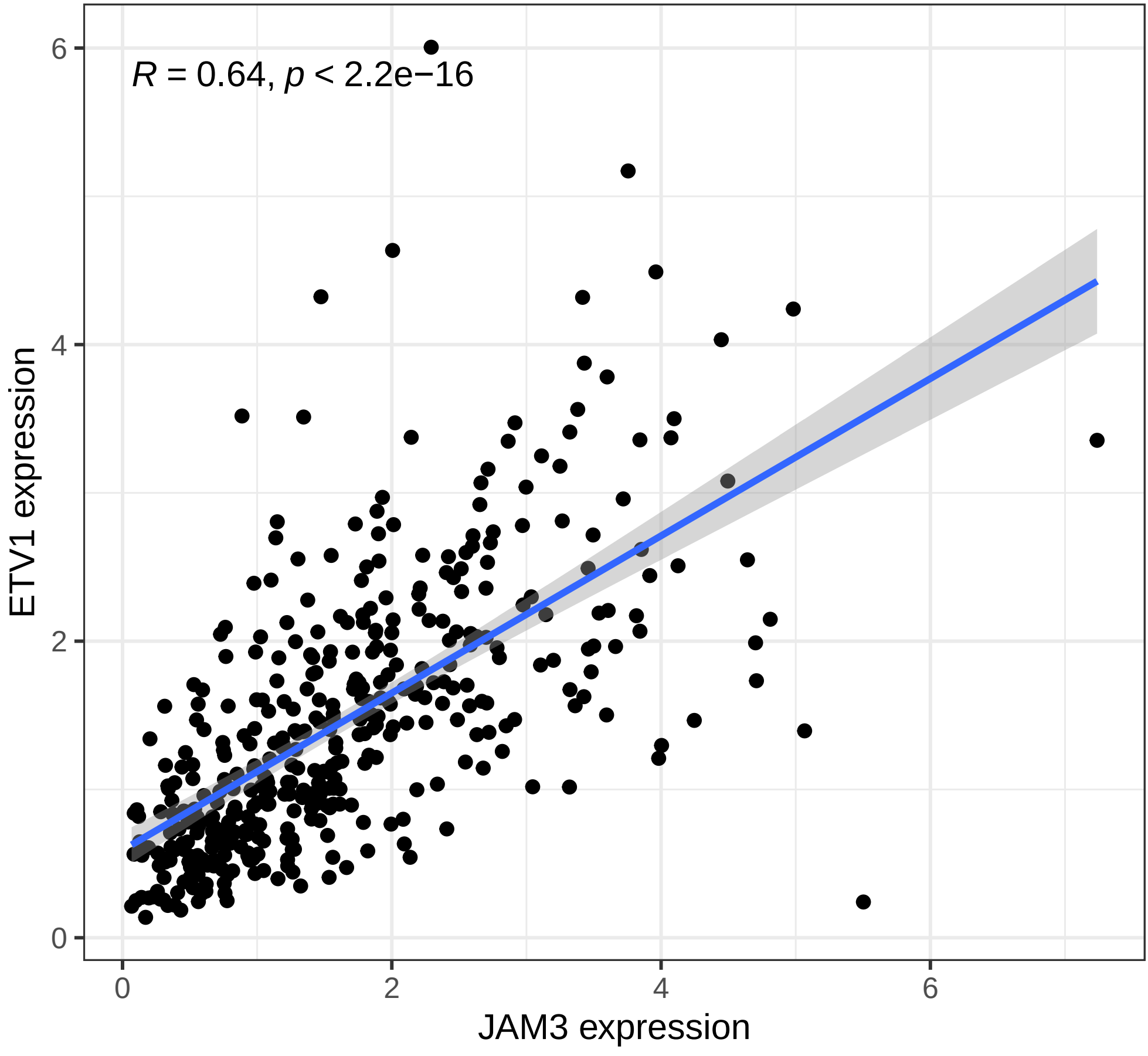

R = 0.66, p < 2.2e−16
EDNRA expression
JAM3 expression
0
2
4
6
0
2
4
6

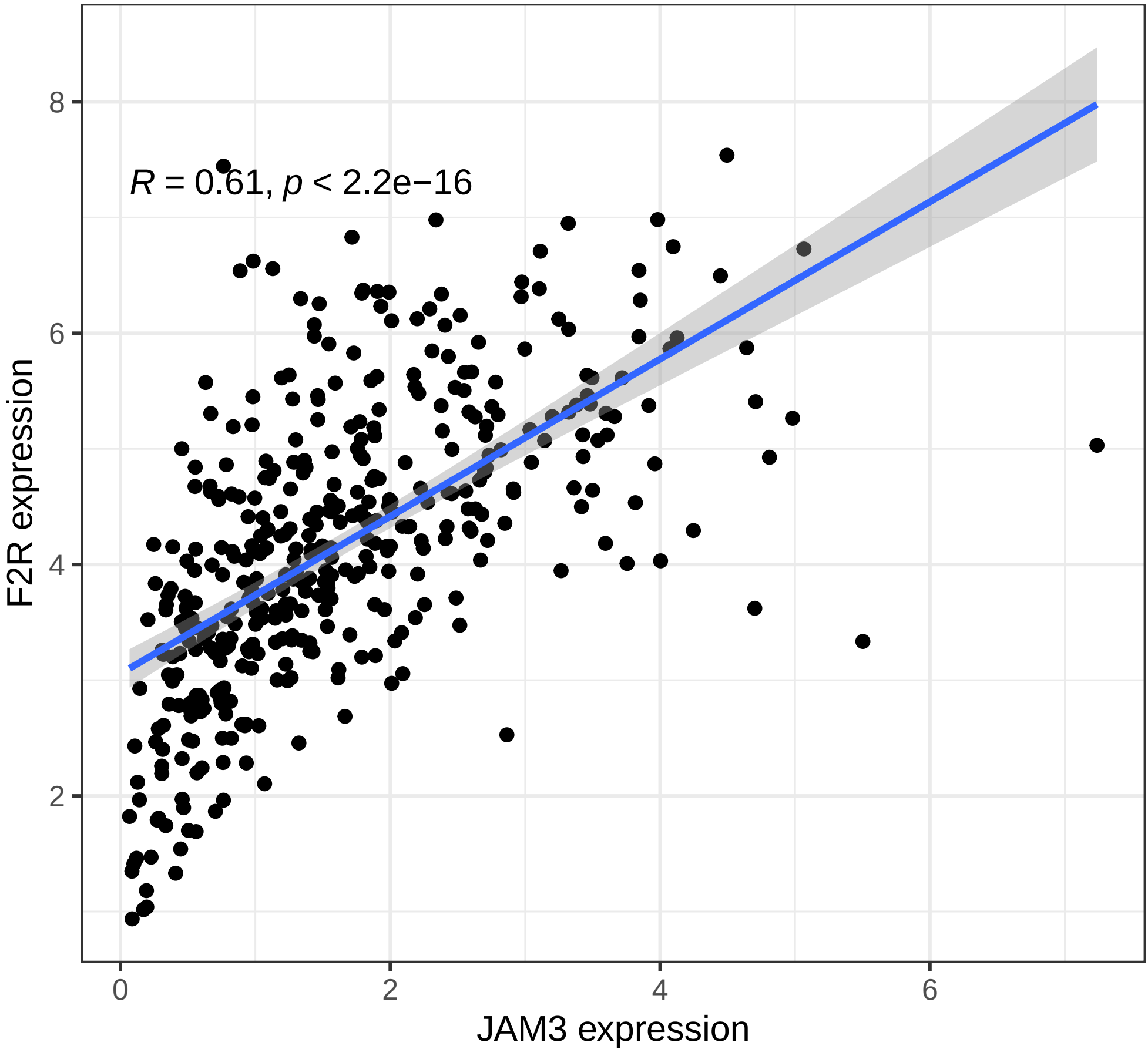

R = 0.62, p < 2.2e−16
EMILIN1 expression
JAM3 expression
12
9
6
3
0
2
4
6

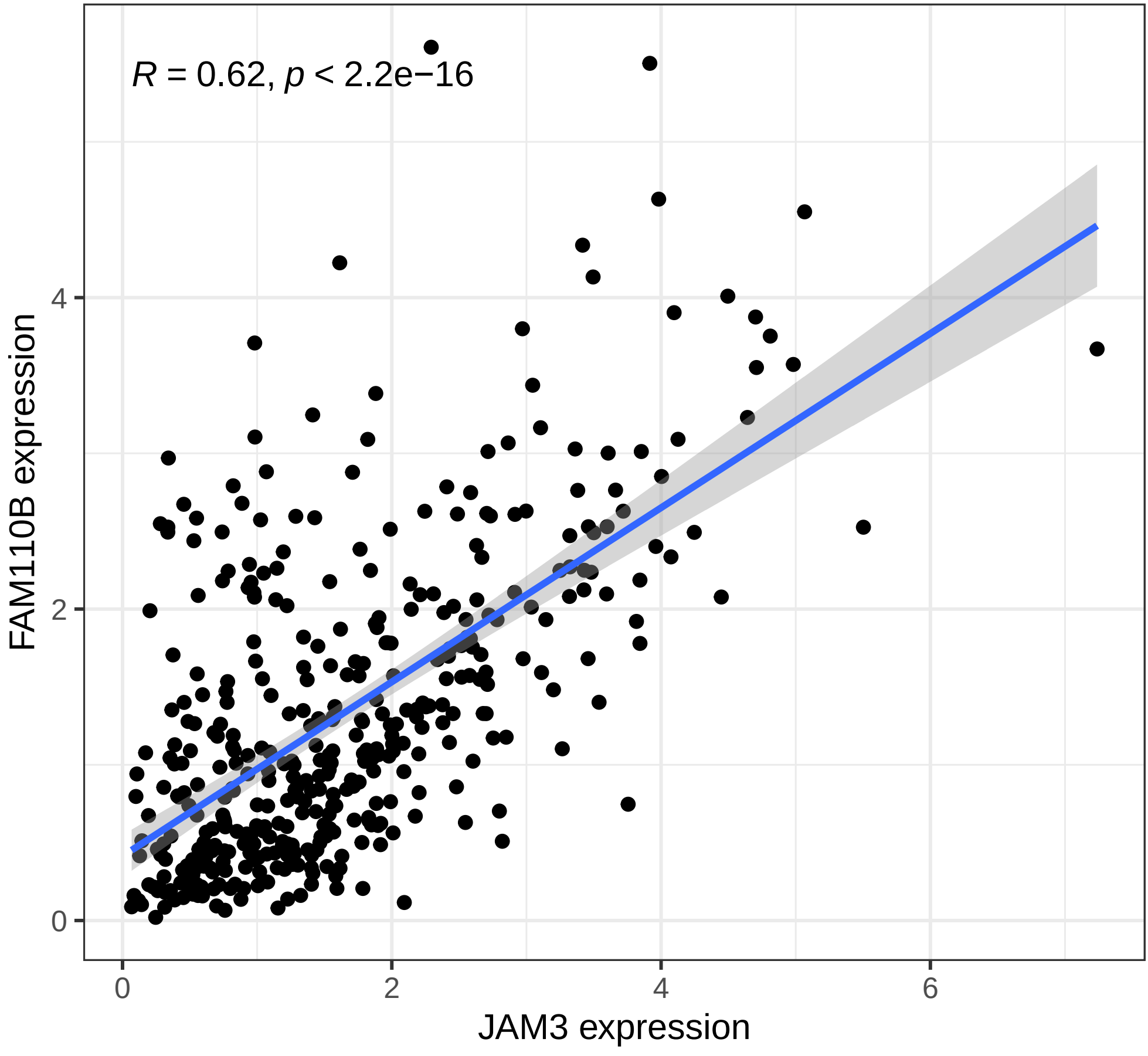

R = 0.65, p < 2.2e−16
EML1 expression
JAM3 expression
0
2
4
6
0
2
4
6

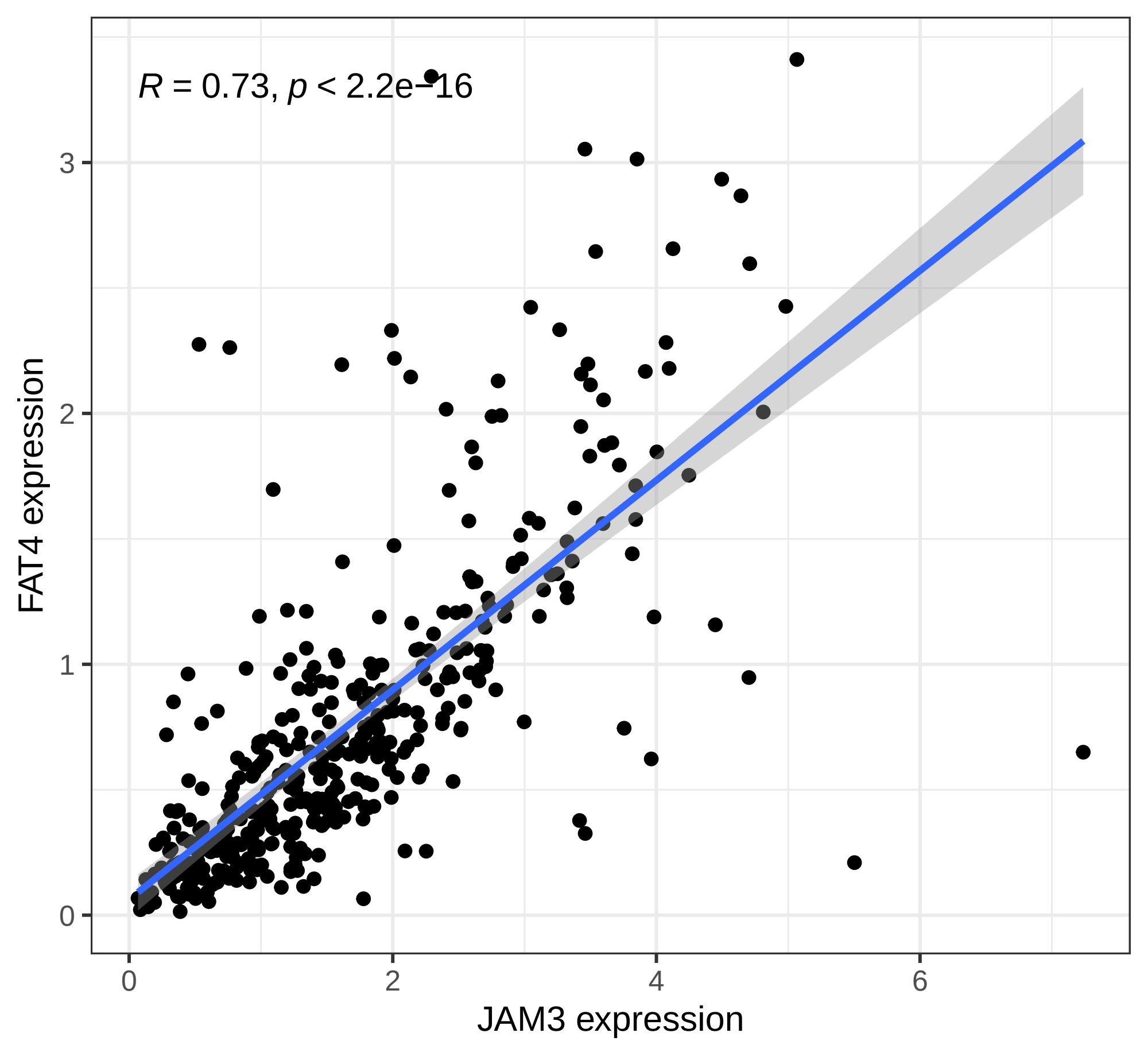

R = 0.7, p < 2.2e−16
ENTPD1 expression
JAM3 expression
6
4
2
0
2
4
6

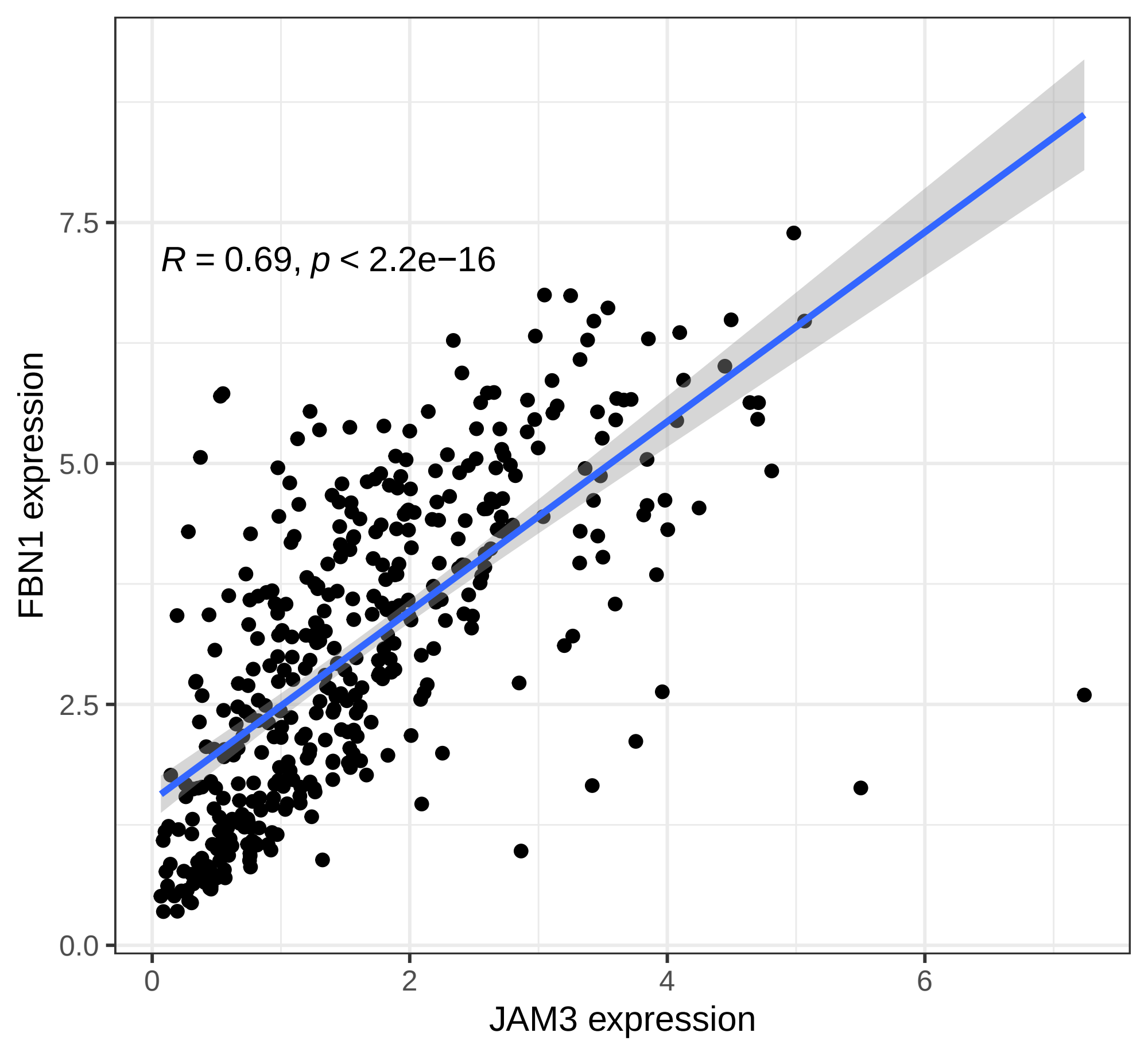

R = 0.71, p < 2.2e−16
EPHA3 expression
JAM3 expression
0
2
4
6
0
2
4
6

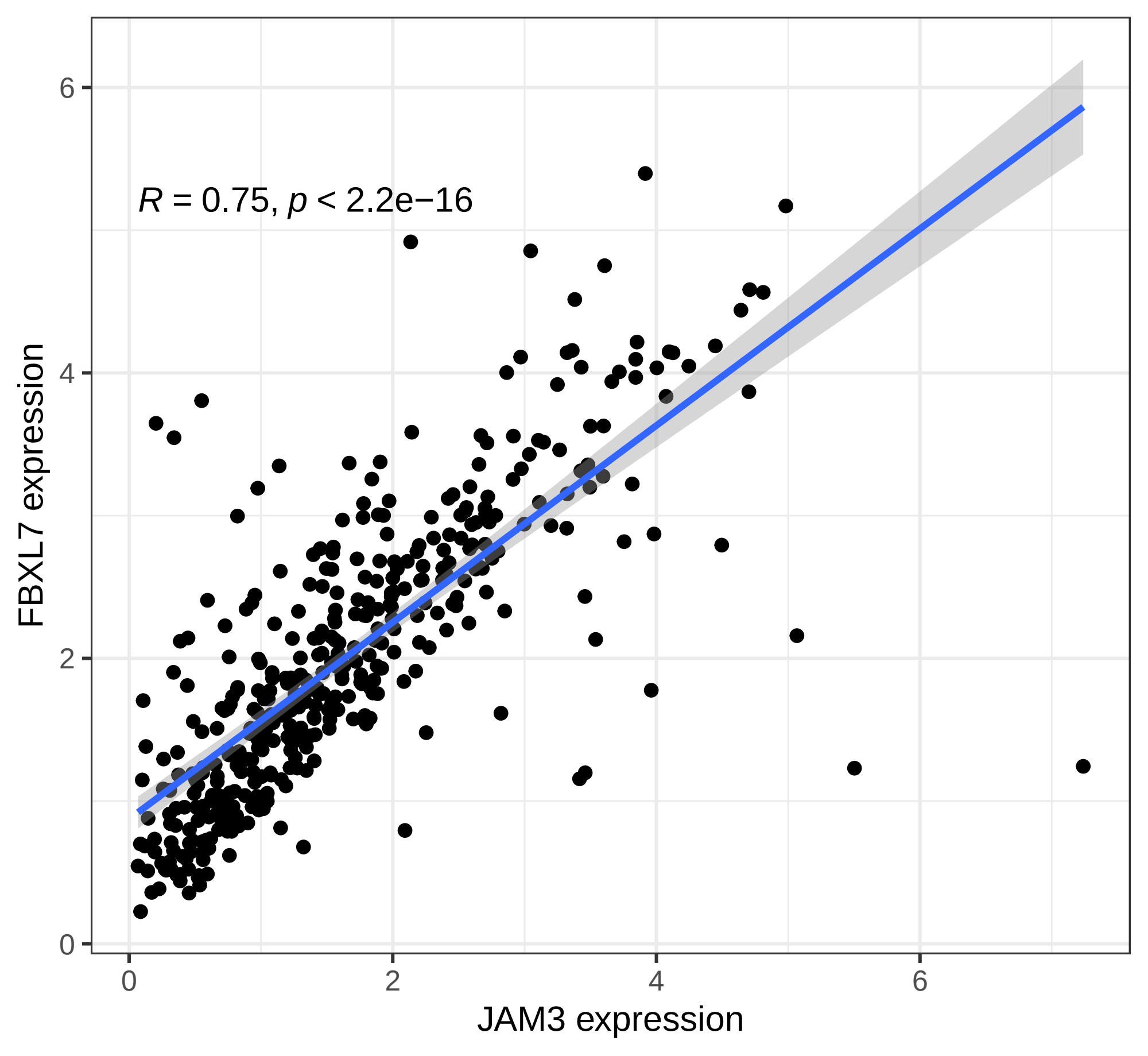

R = 0.64, p < 2.2e−16
ETV1 expression
JAM3 expression
0
2
4
6
0
2
4
6

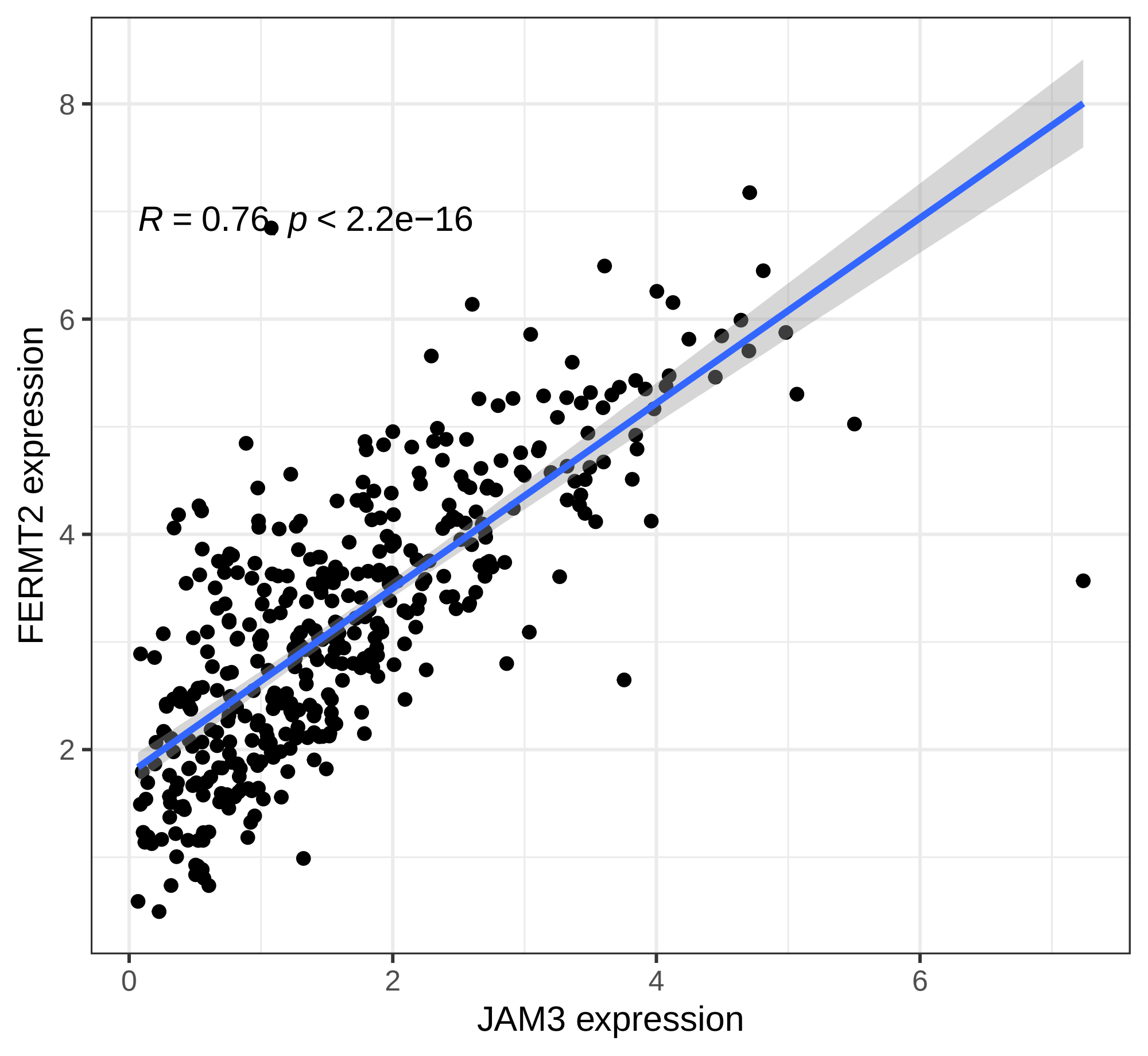

R = 0.61, p < 2.2e−16
F2R expression
JAM3 expression
8
6
4
2
0
2
4
6

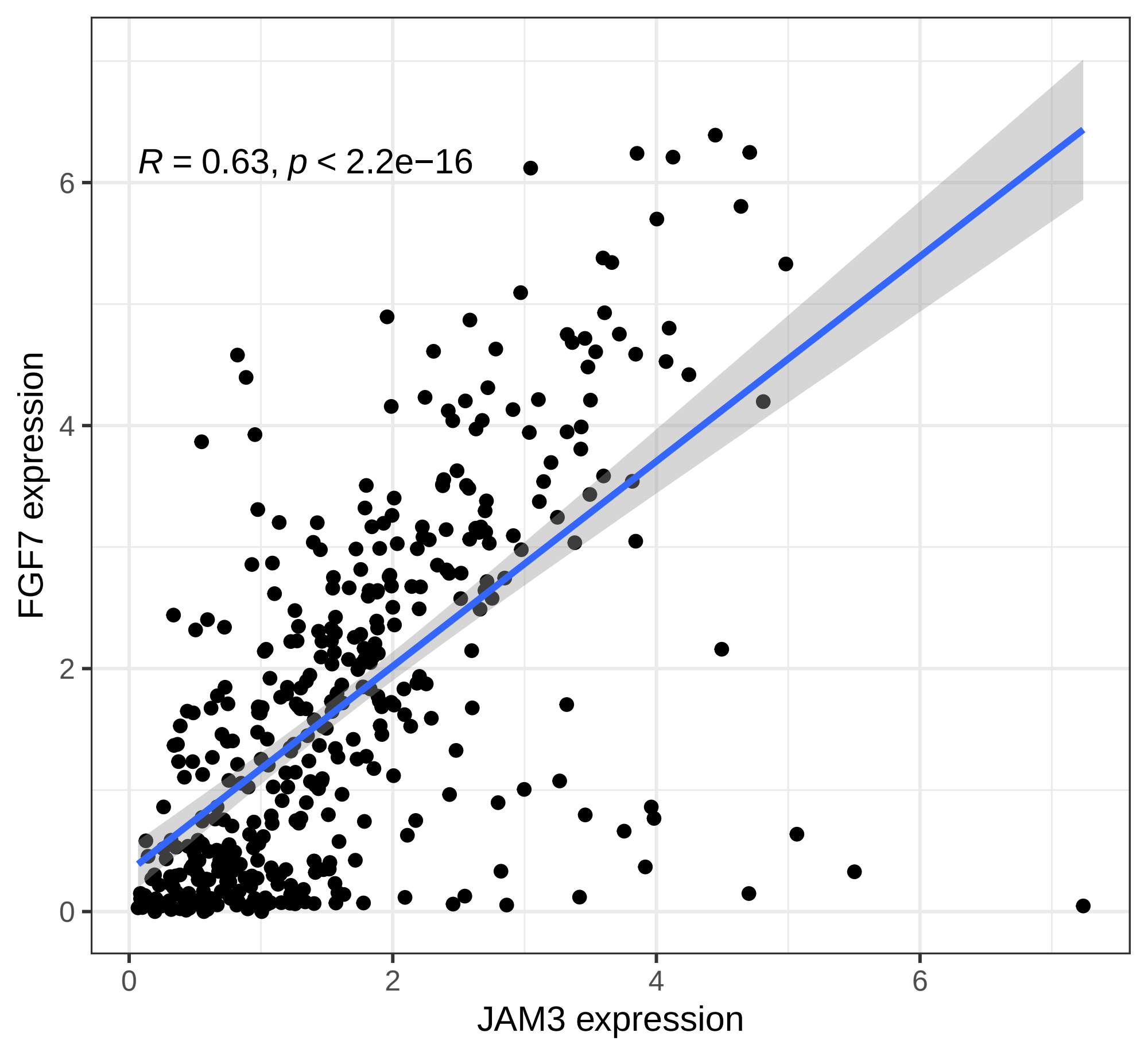

R = 0.62, p < 2.2e−16
FAM110B expression
JAM3 expression
0
2
4
0
2
4
6

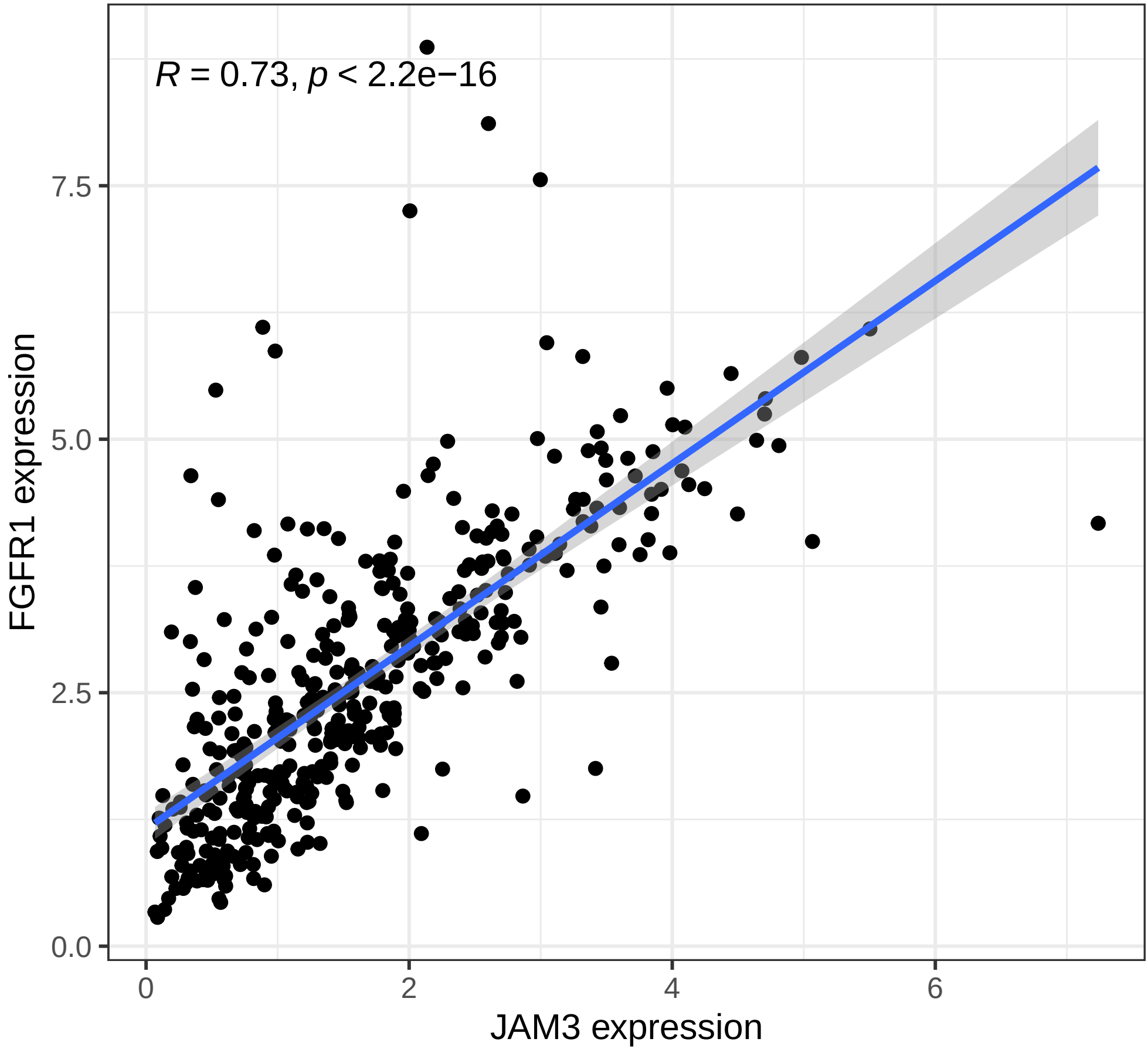

R = 0.73, p < 2.2e−16
FAT4 expression
JAM3 expression
0
1
2
3
0
2
4
6

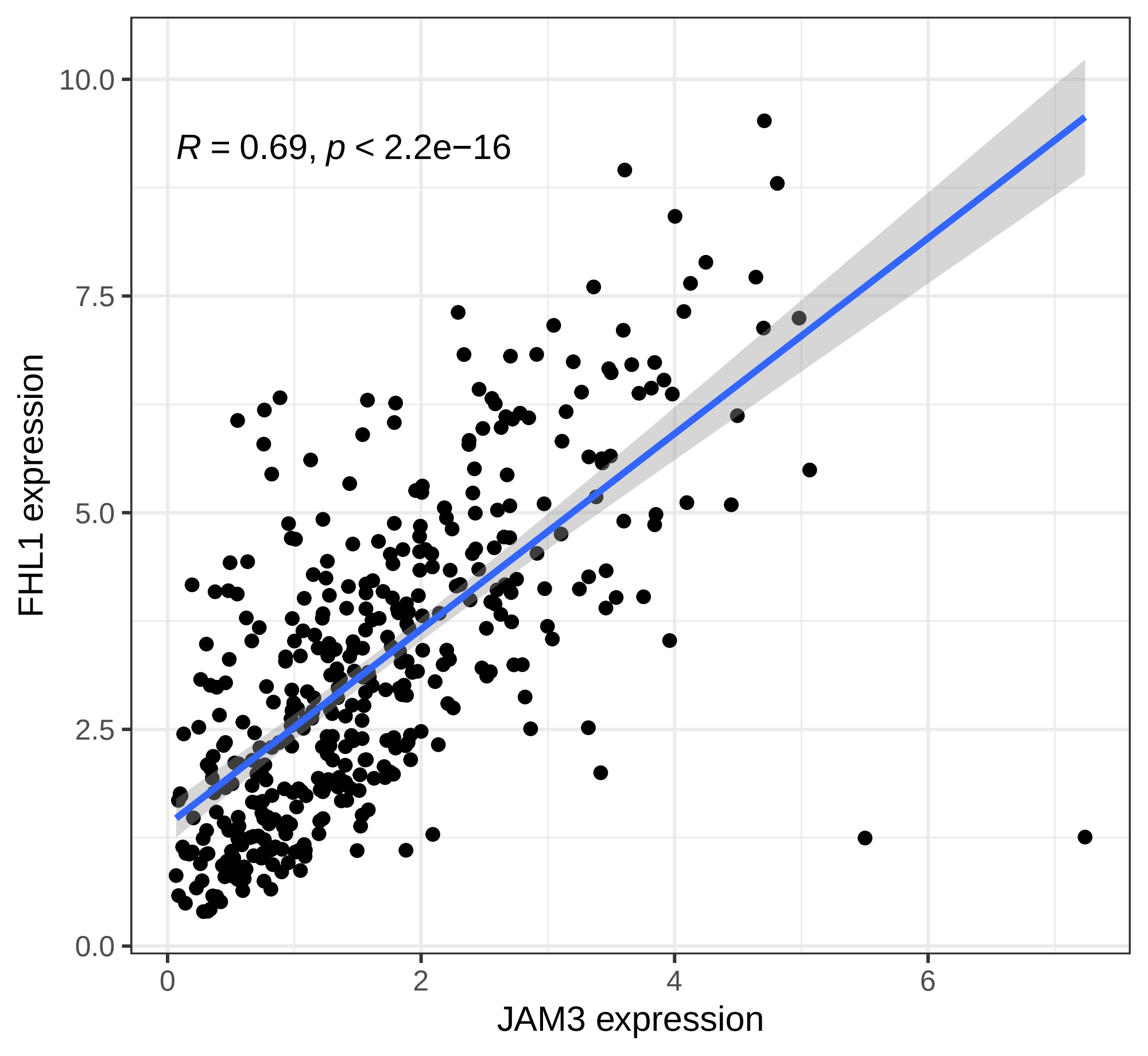

R = 0.69, p < 2.2e−16
FBN1 expression
JAM3 expression
7.5
5.0
2.5
0.0
0
2
4
6

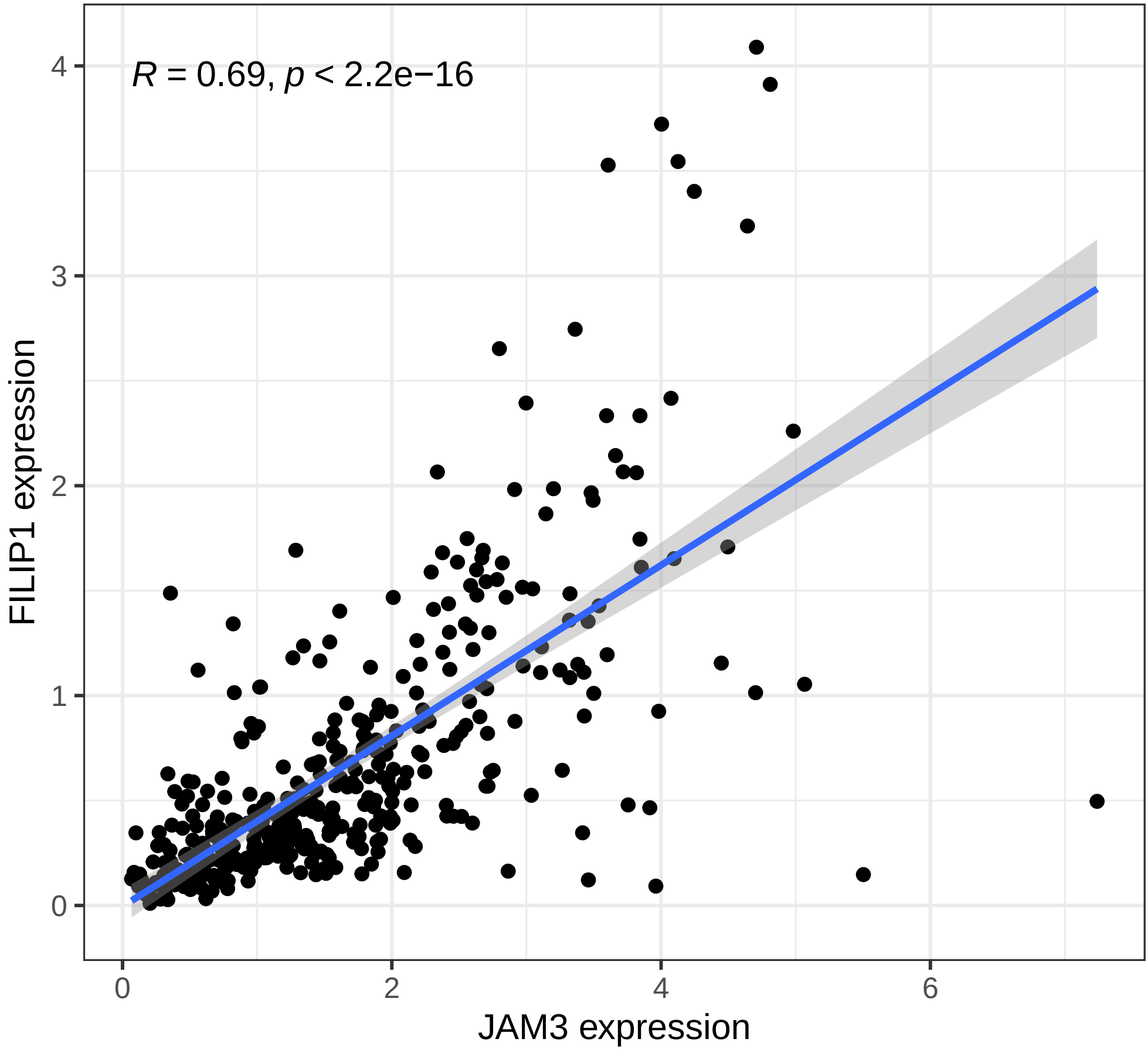

R = 0.75, p < 2.2e−16
FBXL7 expression
JAM3 expression
0
2
4
6
0
2
4
6

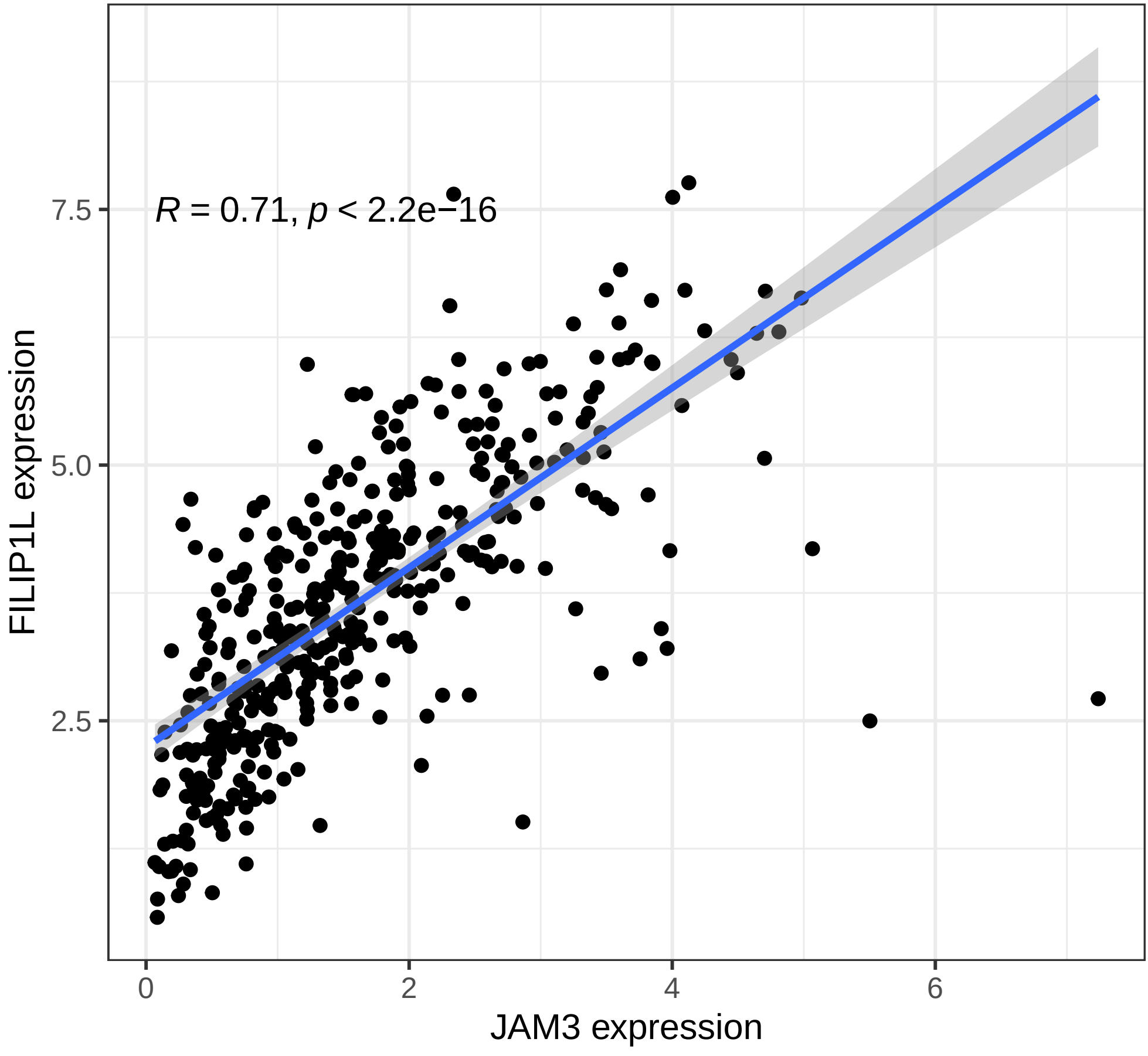

R = 0.76, p < 2.2e−16
FERMT2 expression
JAM3 expression
8
6
4
2
0
2
4
6

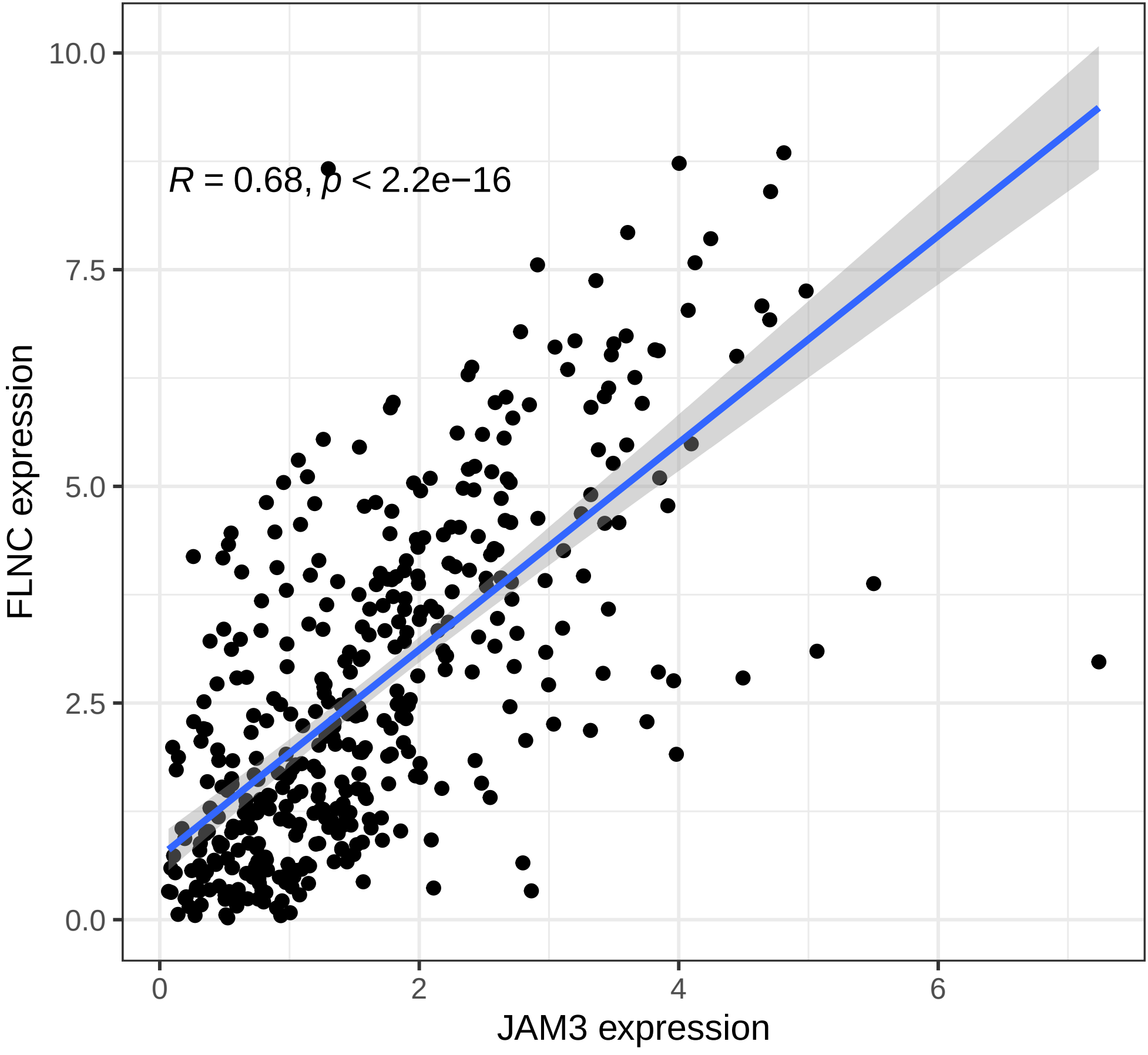

R = 0.63, p < 2.2e−16
FGF7 expression
JAM3 expression
0
2
4
6
0
2
4
6

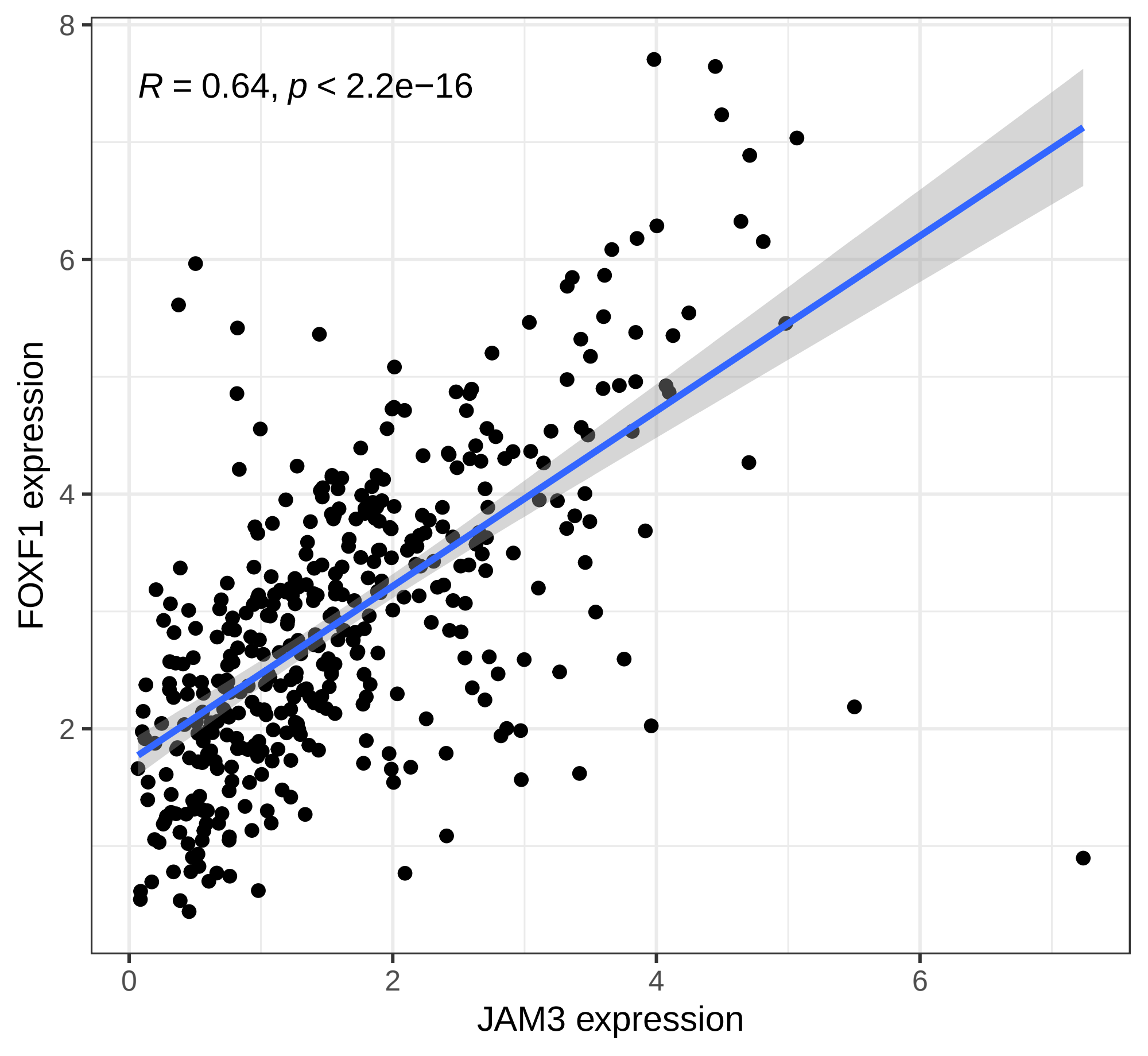

R = 0.73, p < 2.2e−16
FGFR1 expression
JAM3 expression
0.0
2.5
5.0
7.5
0
2
4
6

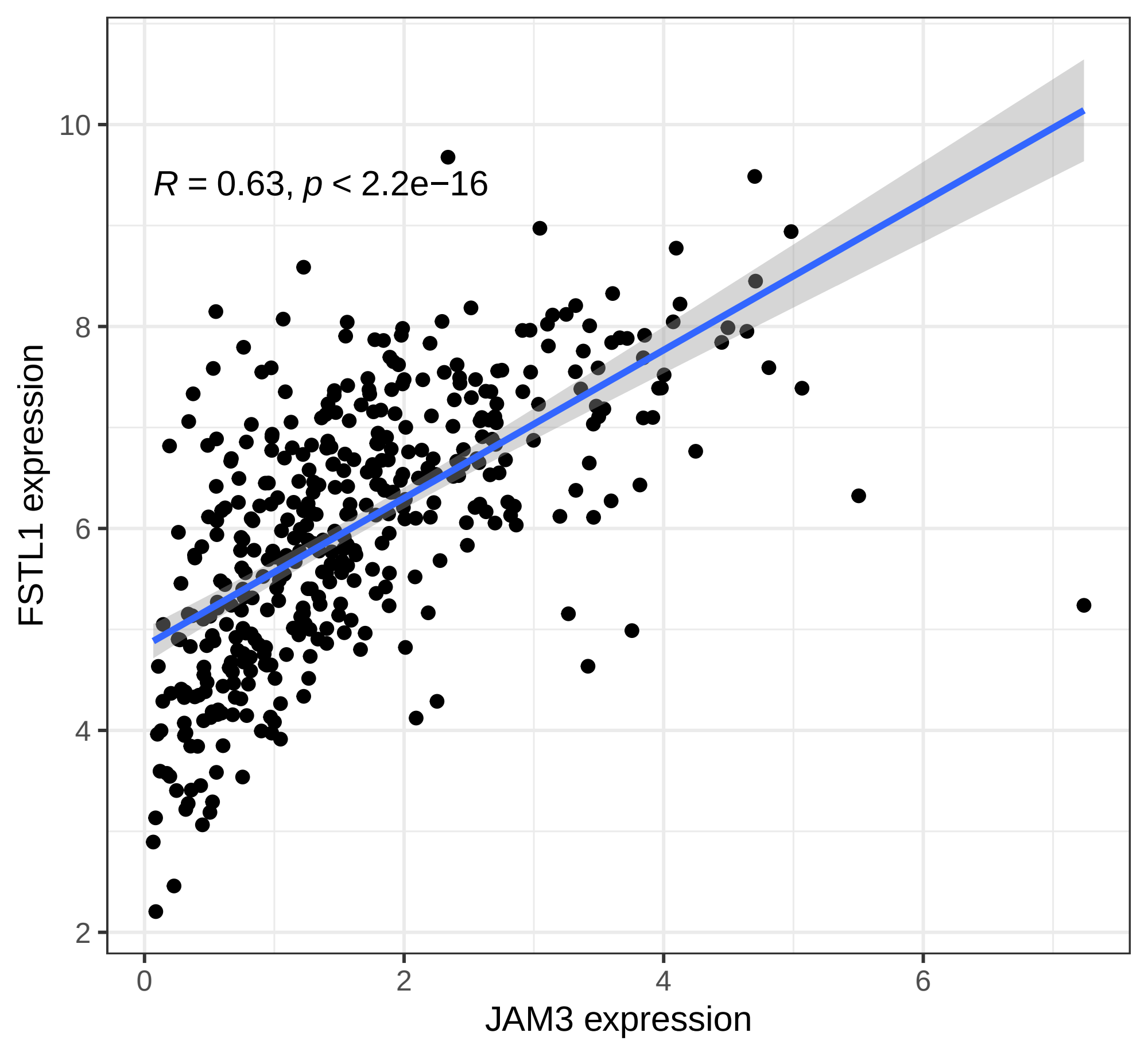

R = 0.69, p < 2.2e−16
FHL1 expression
JAM3 expression
10.0
7.5
5.0
2.5
0.0
0
2
4
6

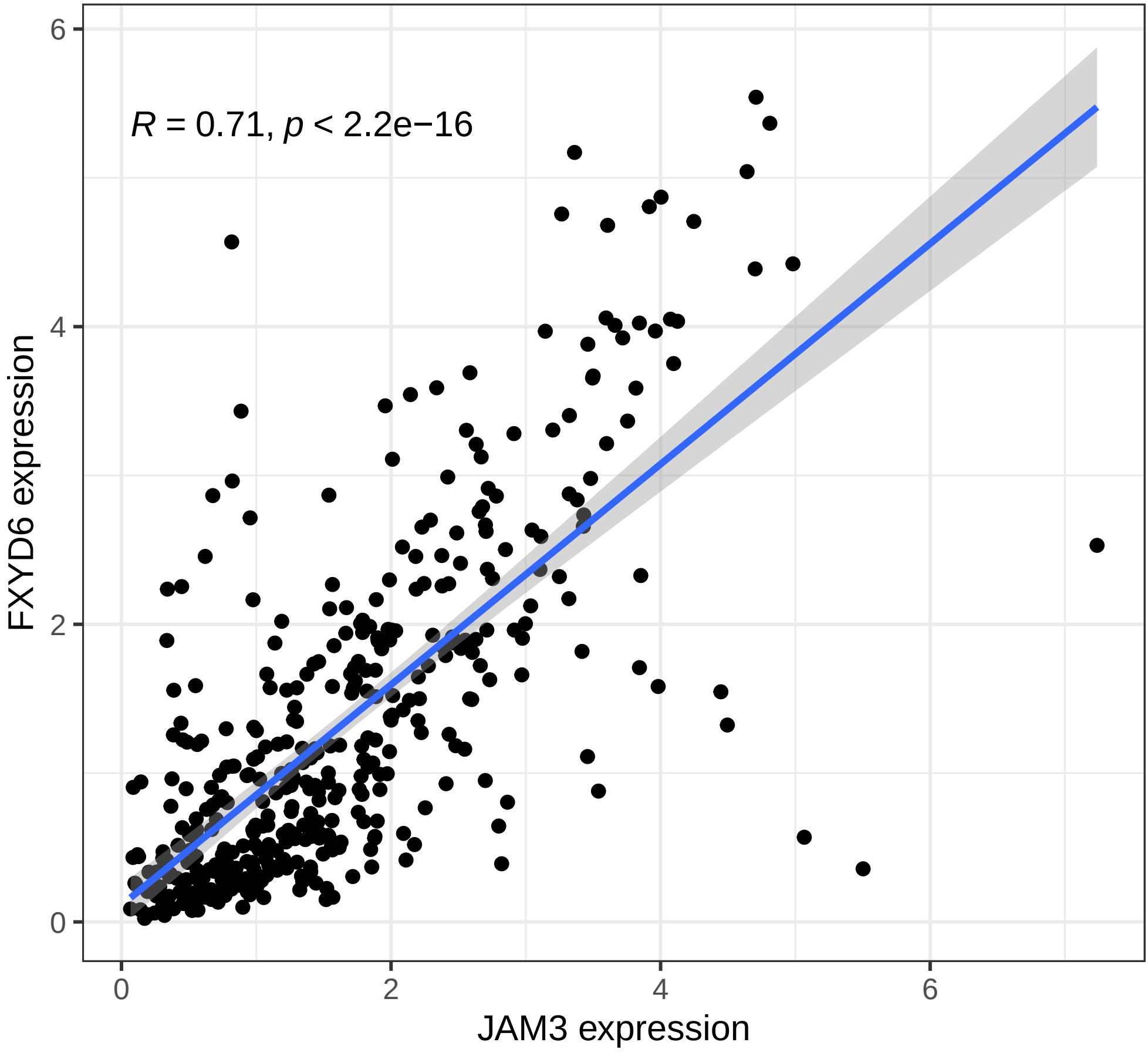

R = 0.69, p < 2.2e−16
FILIP1 expression
JAM3 expression
0
1
2
3
4
0
2
4
6

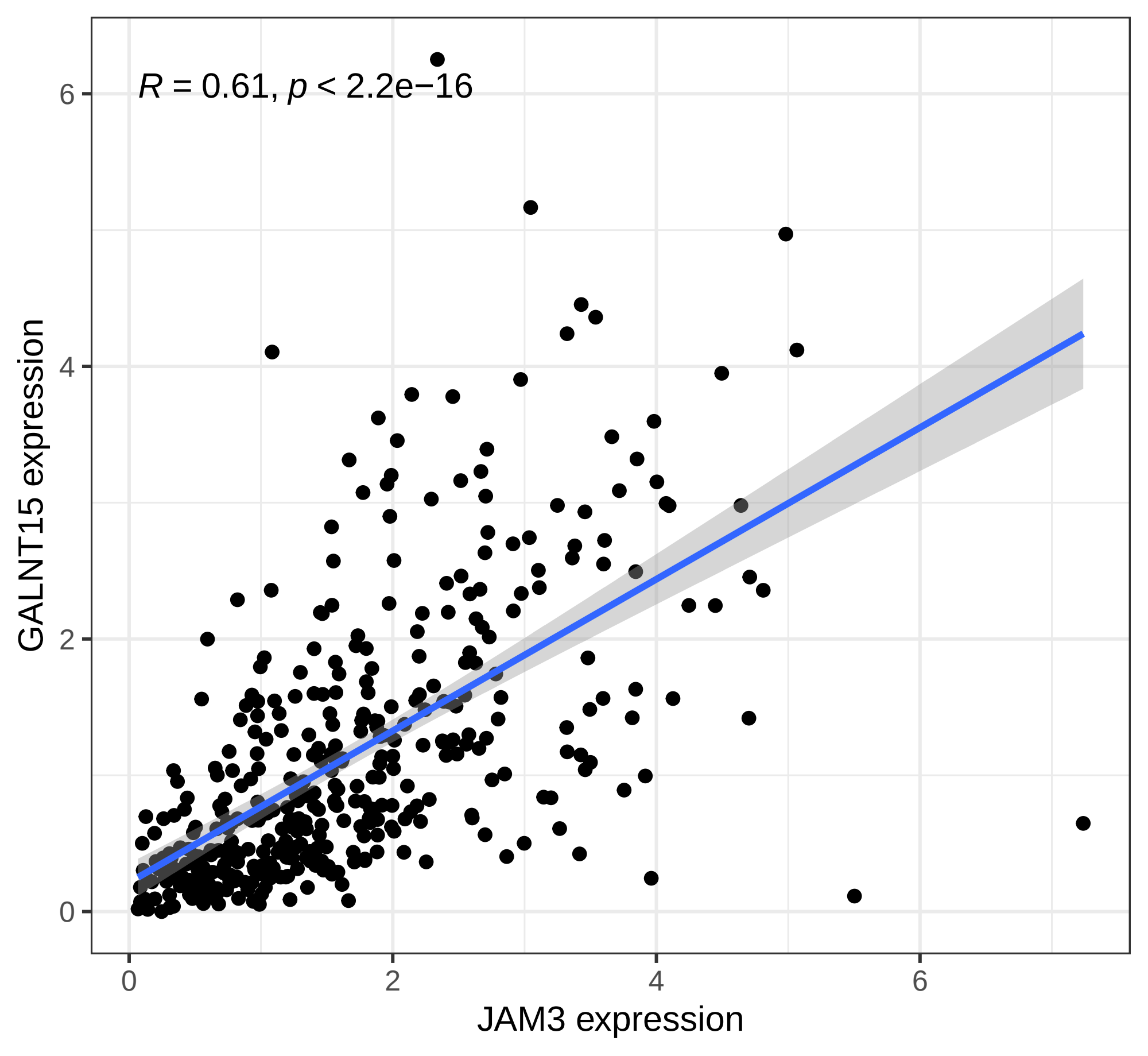

R = 0.71, p < 2.2e−16
FILIP1L expression
JAM3 expression
7.5
5.0
2.5
0
2
4
6

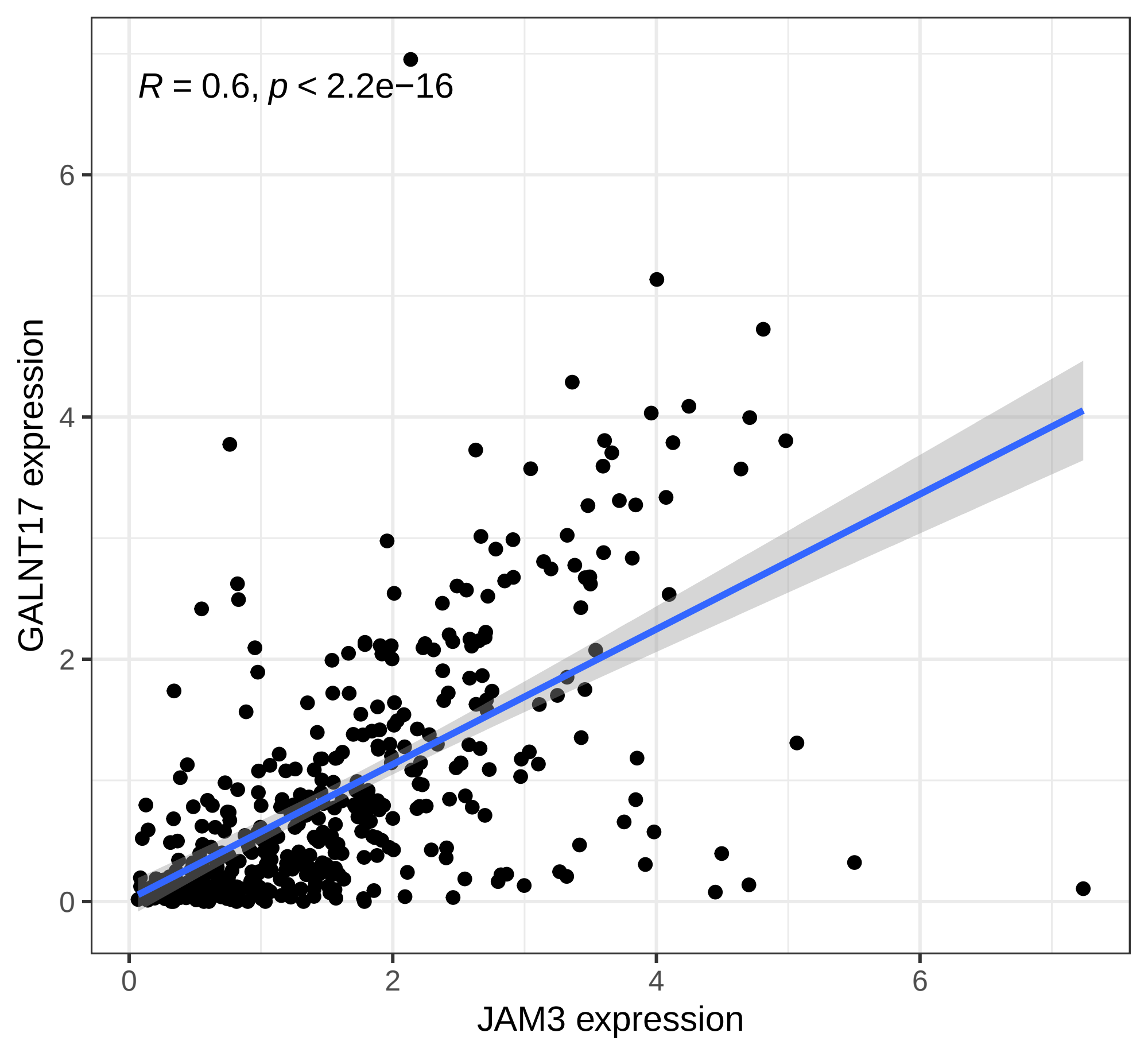

R = 0.68, p < 2.2e−16
FLNC expression
JAM3 expression
10.0
7.5
5.0
2.5
0.0
0
2
4
6

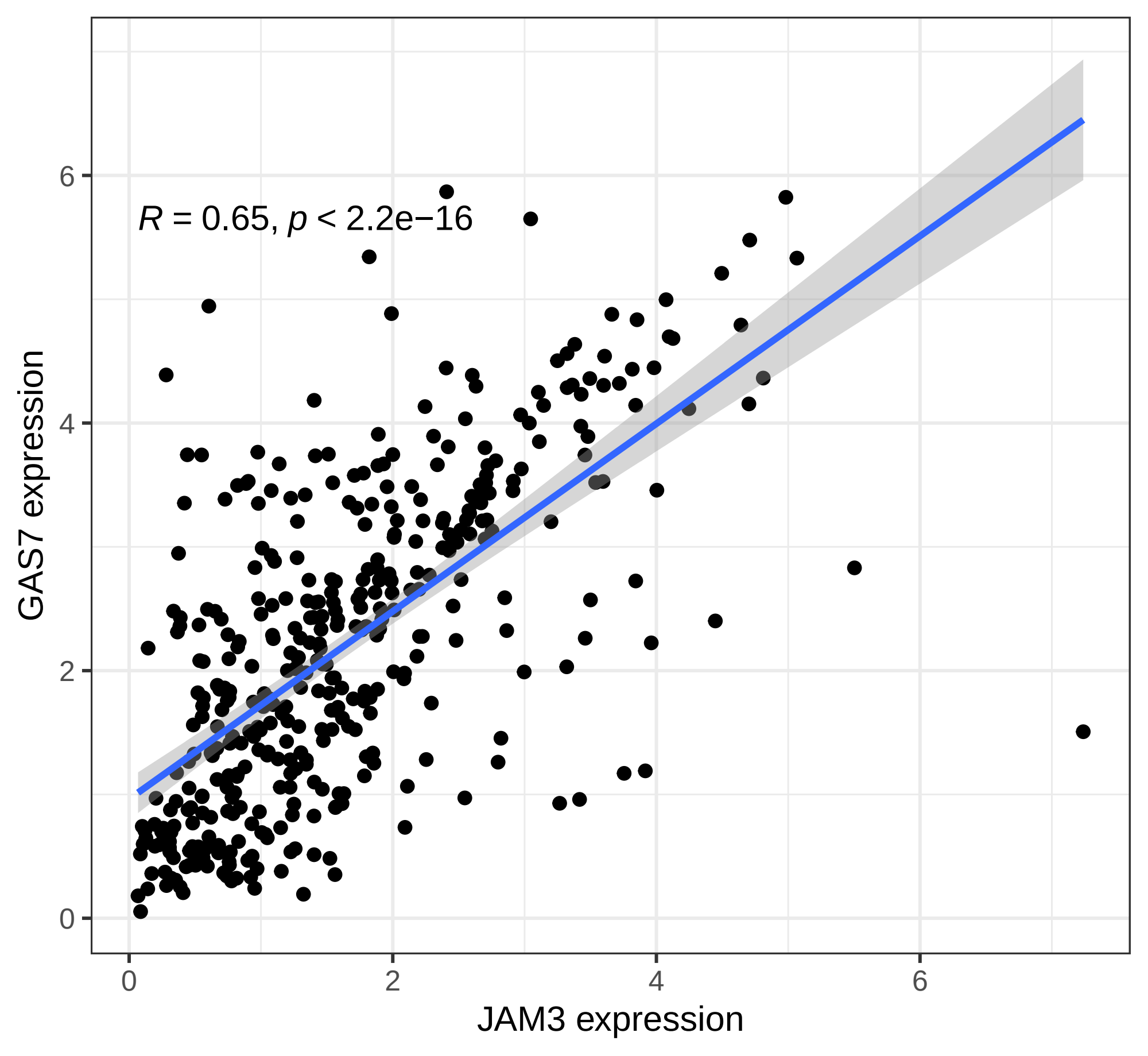

R = 0.64, p < 2.2e−16
FOXF1 expression
JAM3 expression
8
6
4
2
0
2
4
6

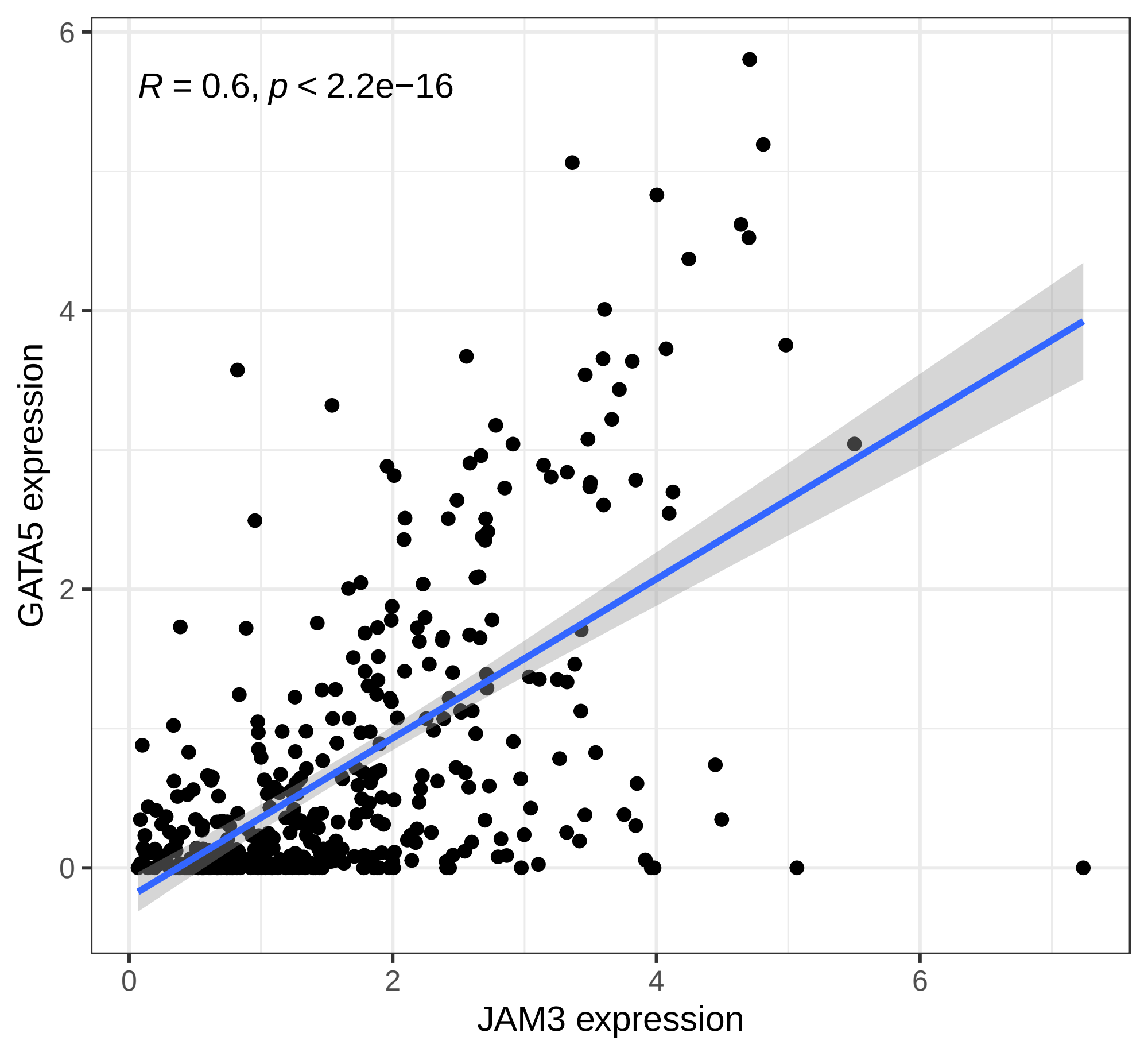

R = 0.63, p < 2.2e−16
FSTL1 expression
JAM3 expression
10
8
6
4
2
0
2
4
6

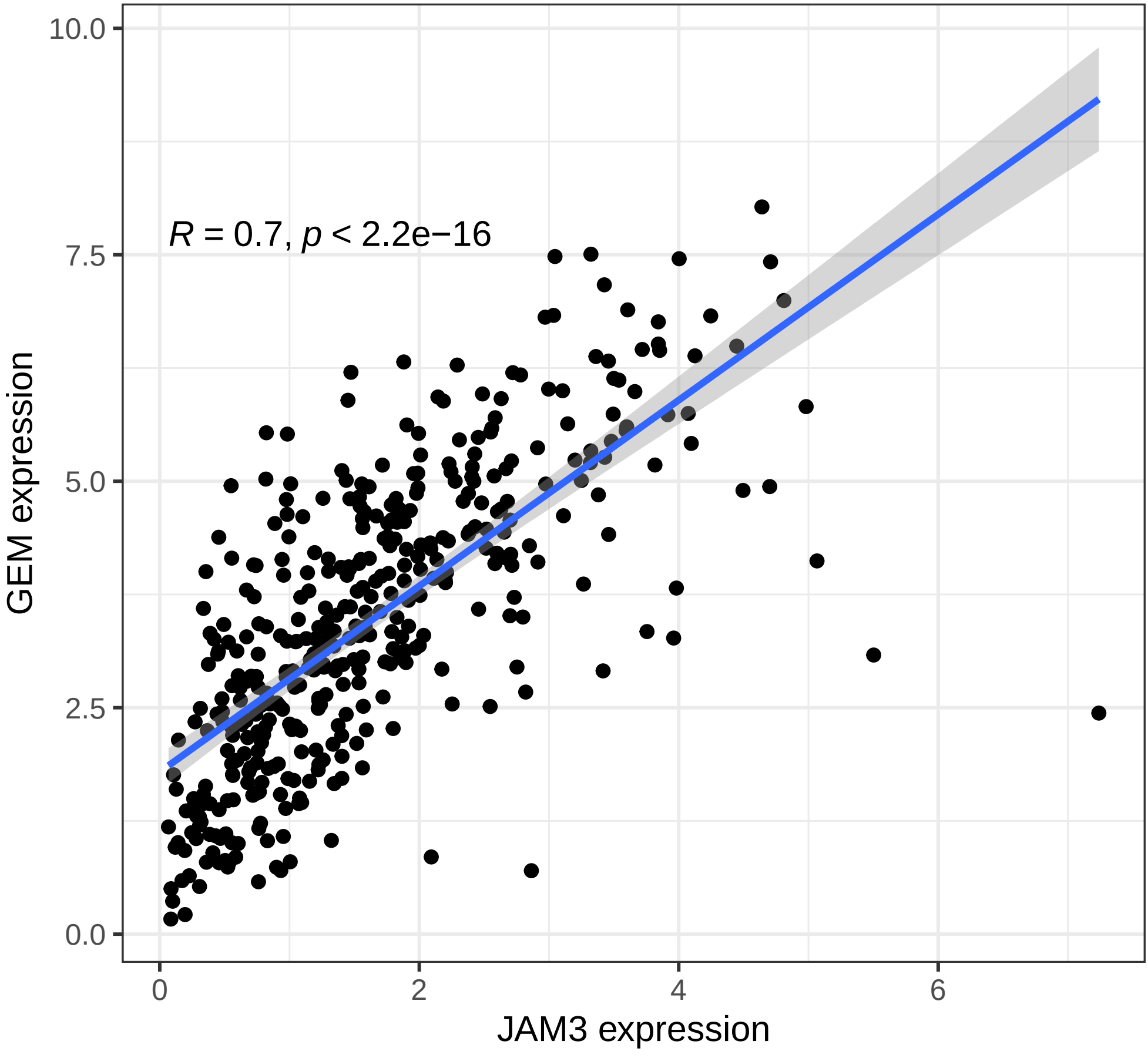

R = 0.71, p < 2.2e−16
FXYD6 expression
JAM3 expression
0
2
4
6
0
2
4
6

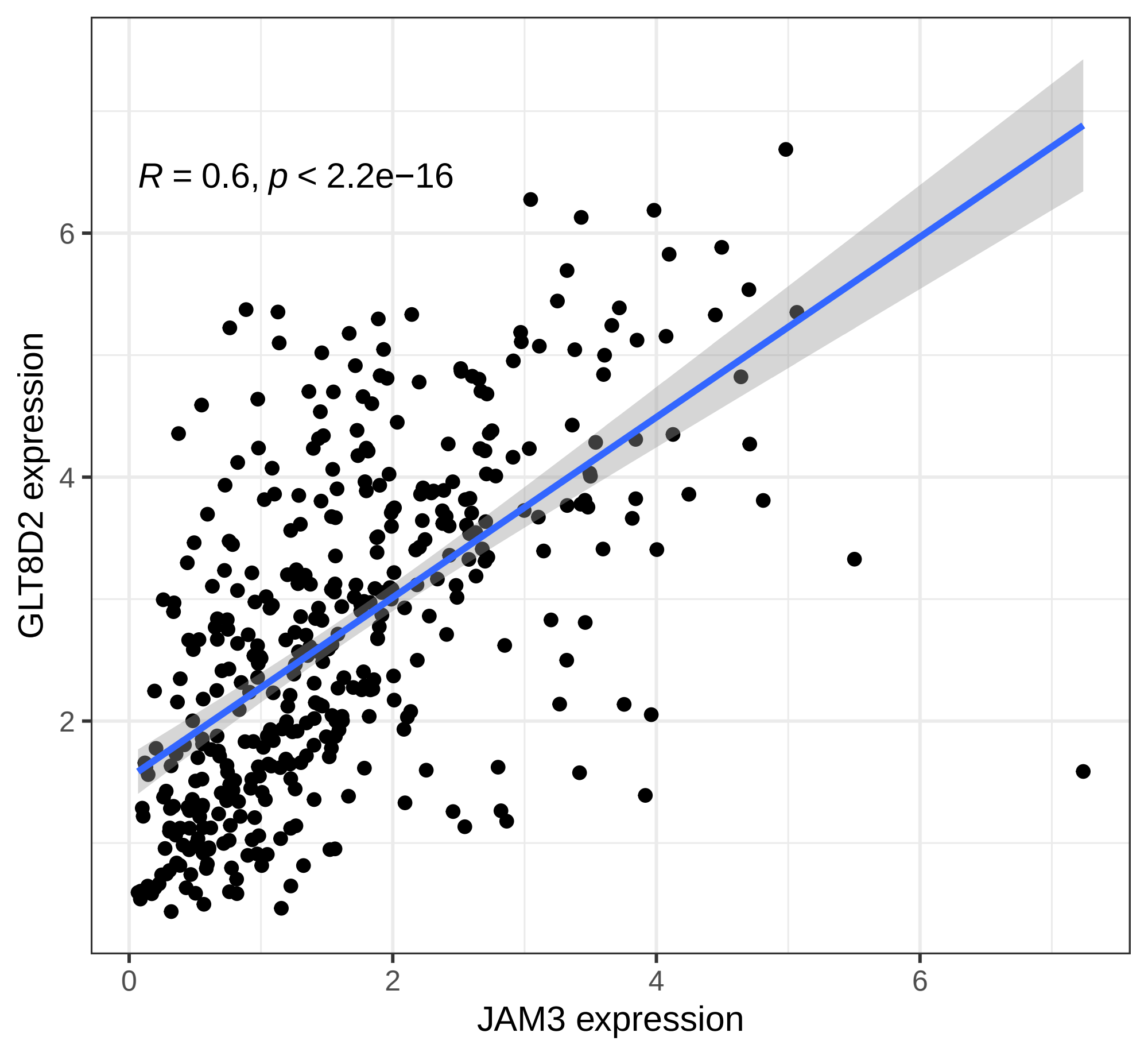

R = 0.61, p < 2.2e−16
GALNT15 expression
JAM3 expression
0
2
4
6
0
2
4
6

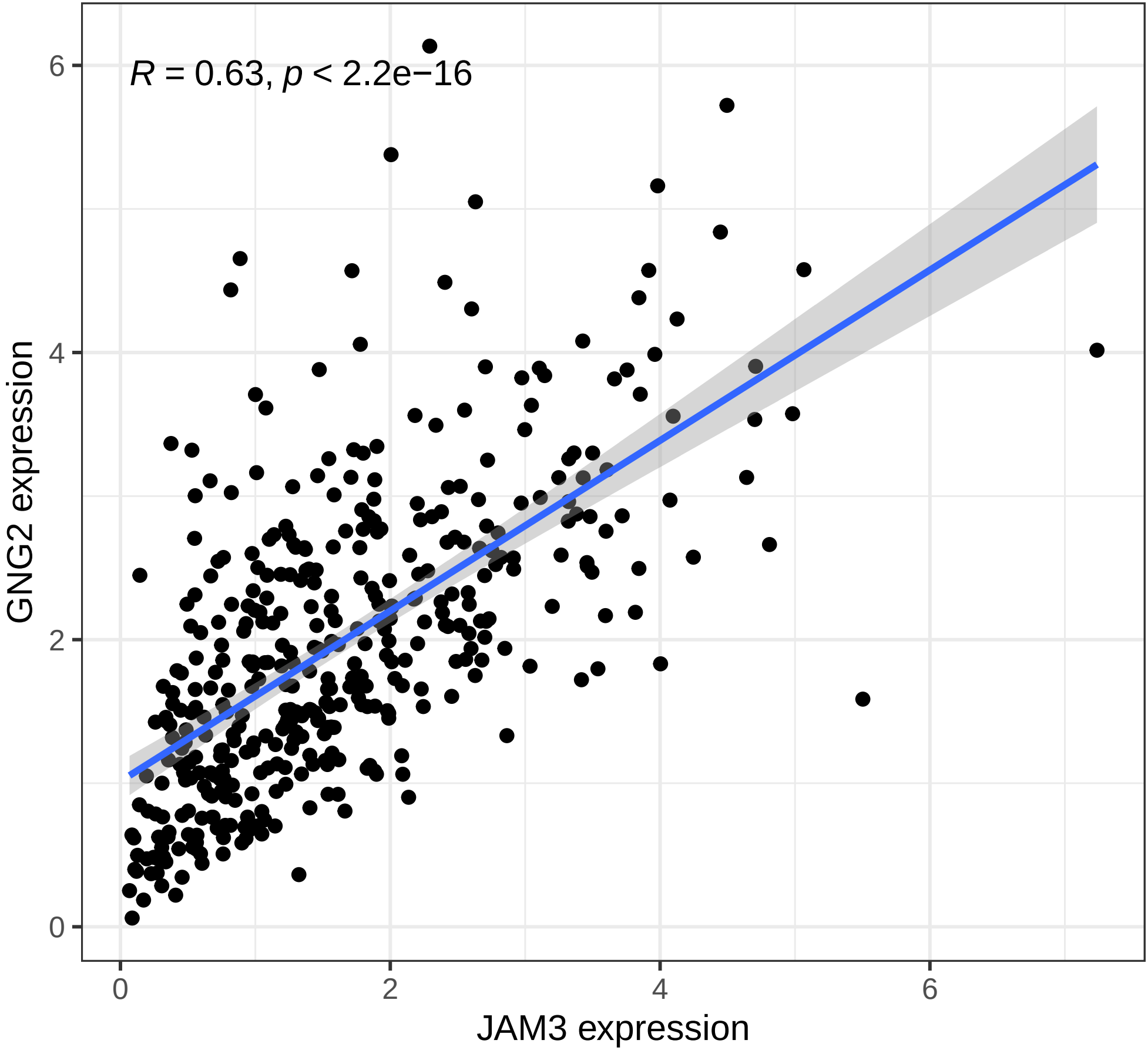

R = 0.6, p < 2.2e−16
GALNT17 expression
JAM3 expression
0
2
4
6
0
2
4
6

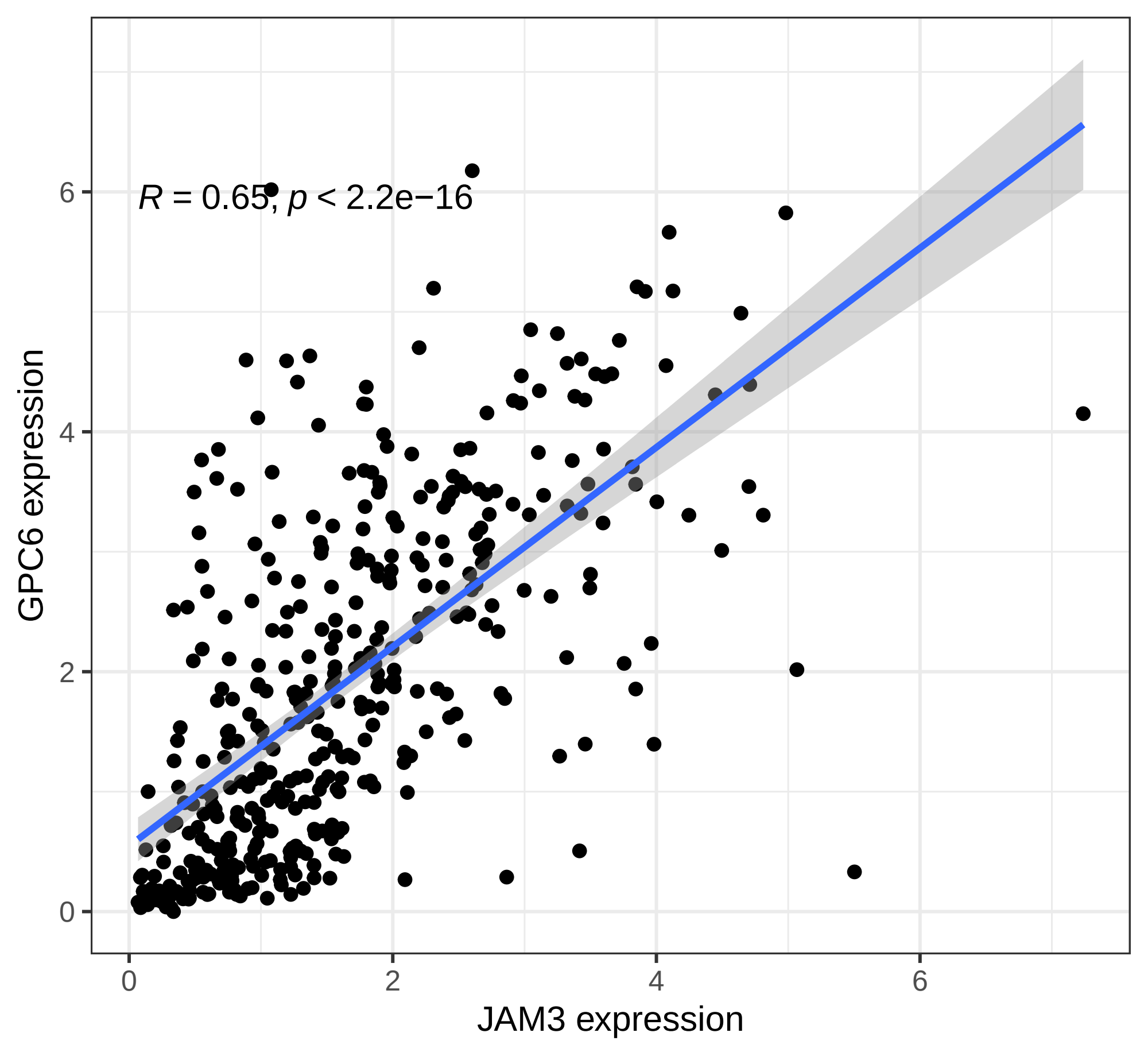

R = 0.65, p < 2.2e−16
GAS7 expression
JAM3 expression
0
2
4
6
0
2
4
6

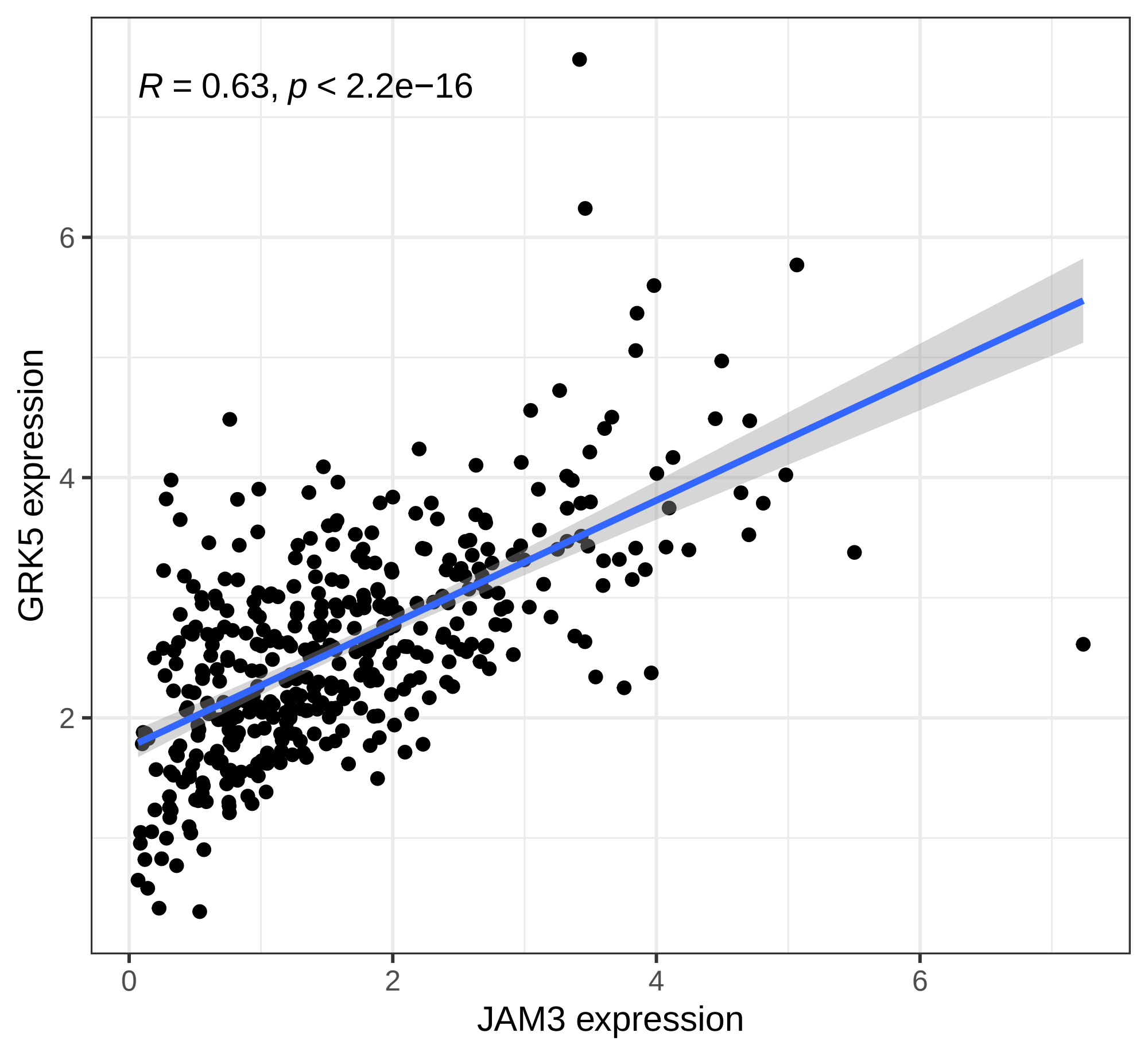

R = 0.6, p < 2.2e−16
GATA5 expression
JAM3 expression
0
2
4
6
0
2
4
6

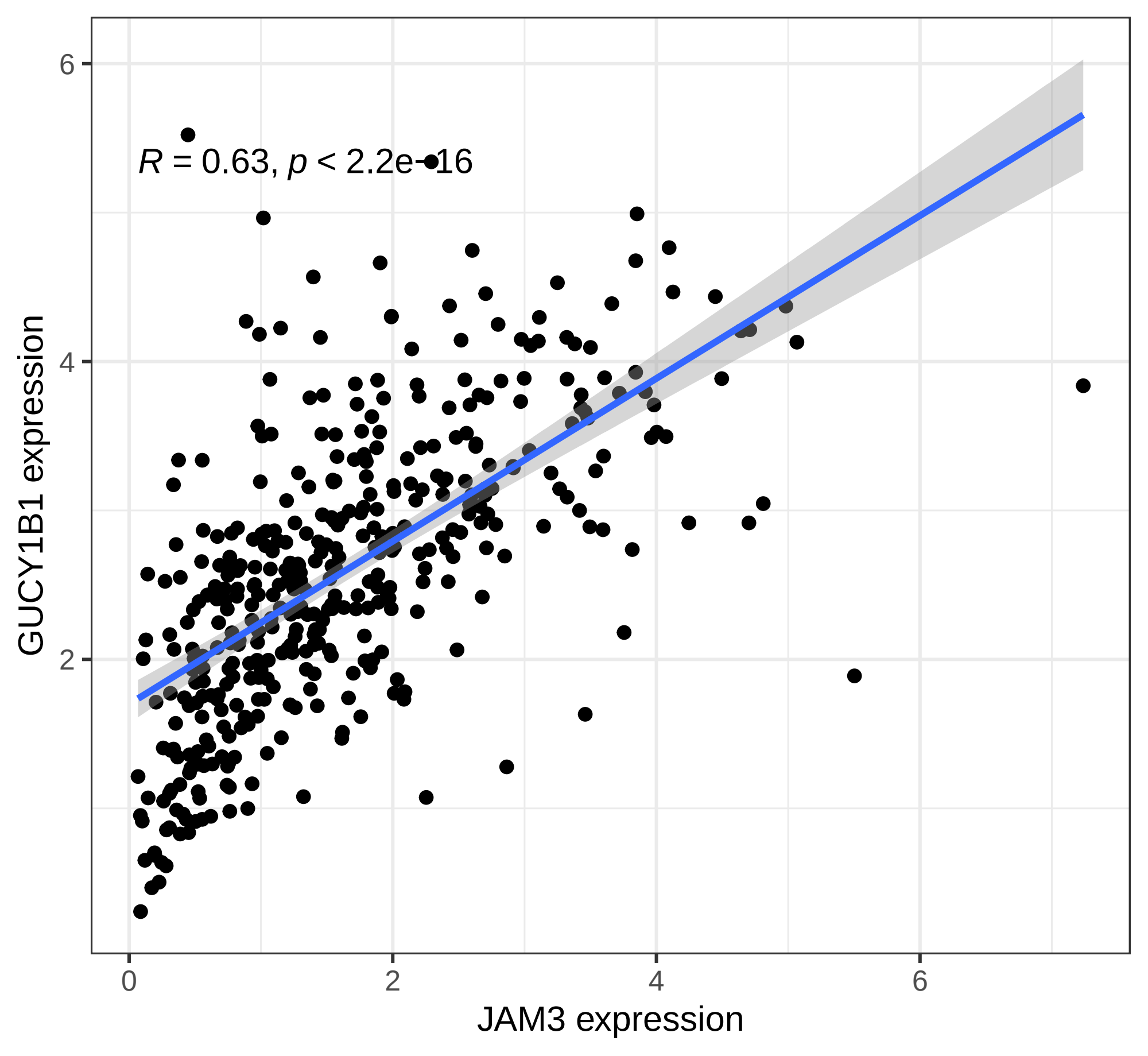

10.0
7.5
5.0
2.5
0.0
GEM expression
R = 0.7, p < 2.2e−16
0
2
4
6
JAM3 expression

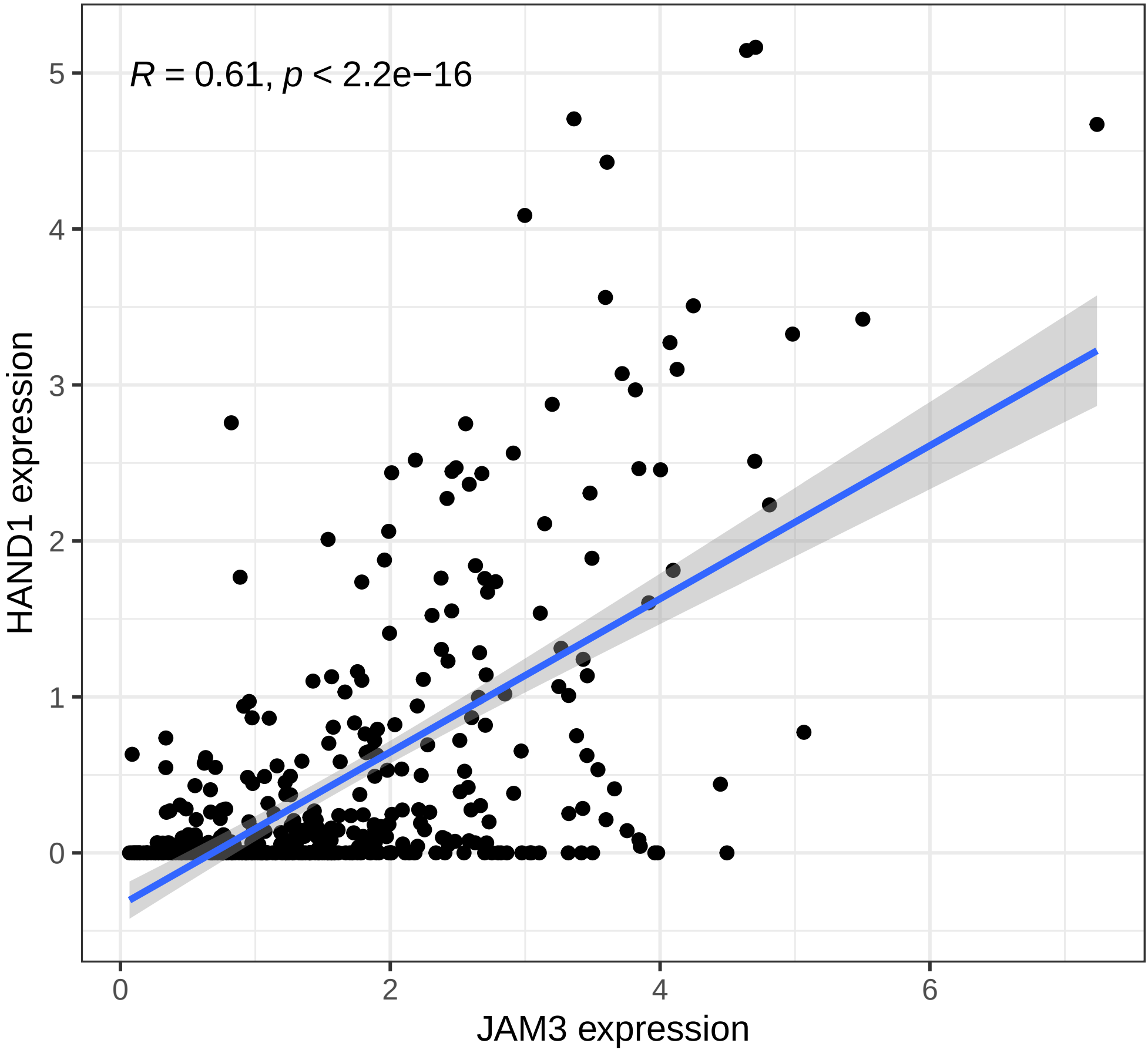

R = 0.6, p < 2.2e−16
GLT8D2 expression
JAM3 expression
0
2
4
6
2
4
6

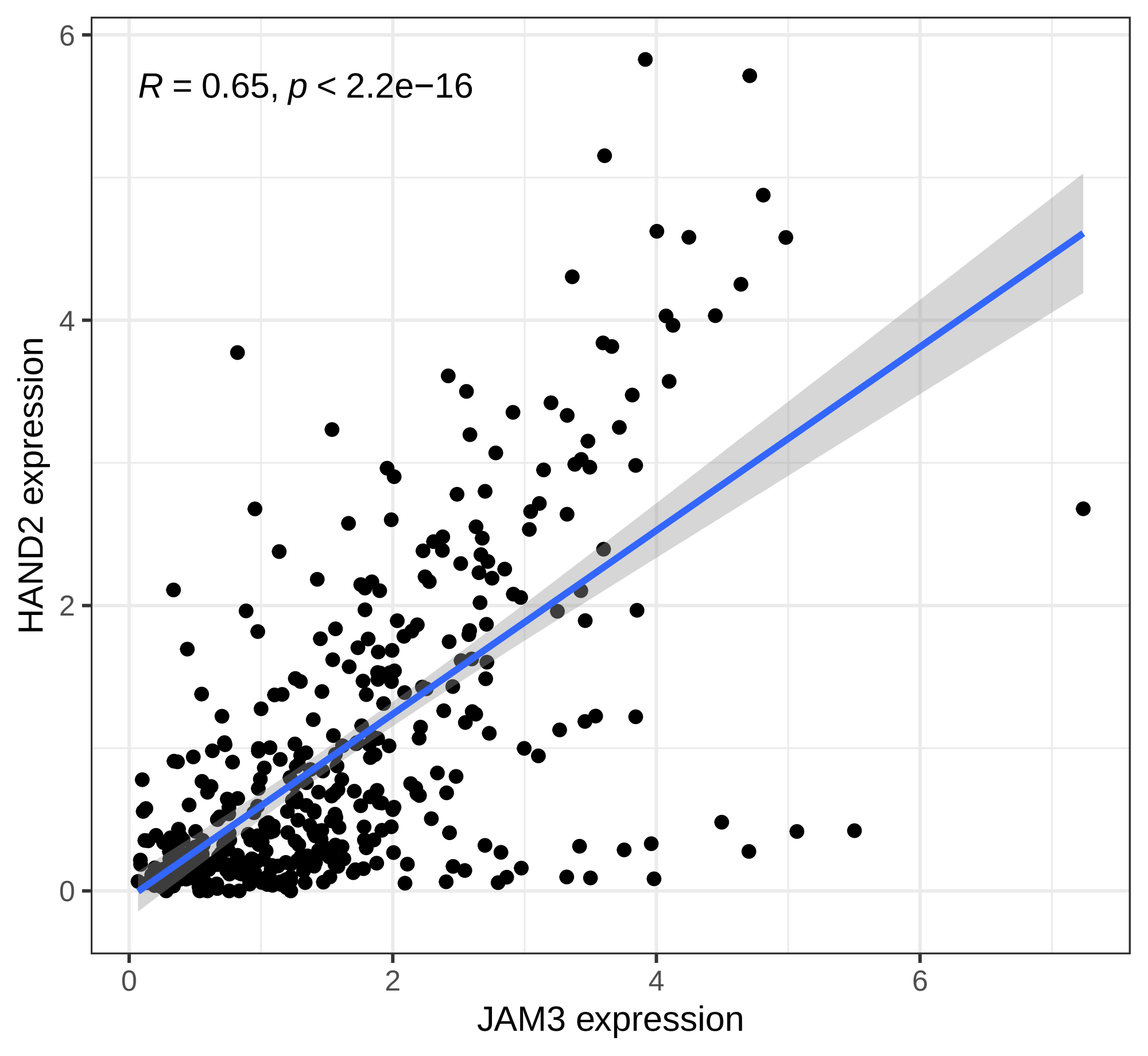

R = 0.63, p < 2.2e−16
GNG2 expression
JAM3 expression
0
2
4
6
0
2
4
6

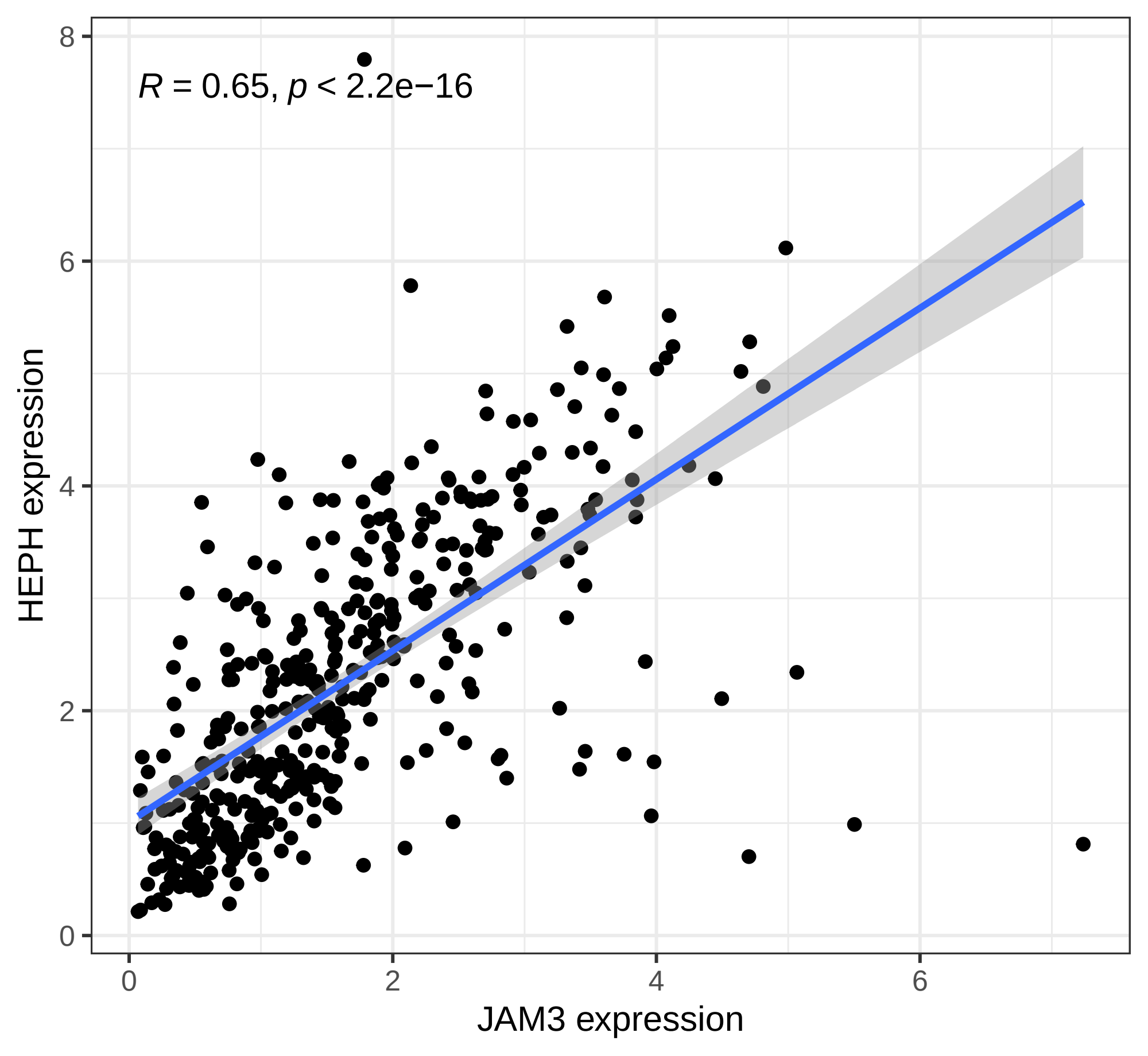

R = 0.65, p < 2.2e−16
GPC6 expression
JAM3 expression
0
2
4
6
0
2
4
6

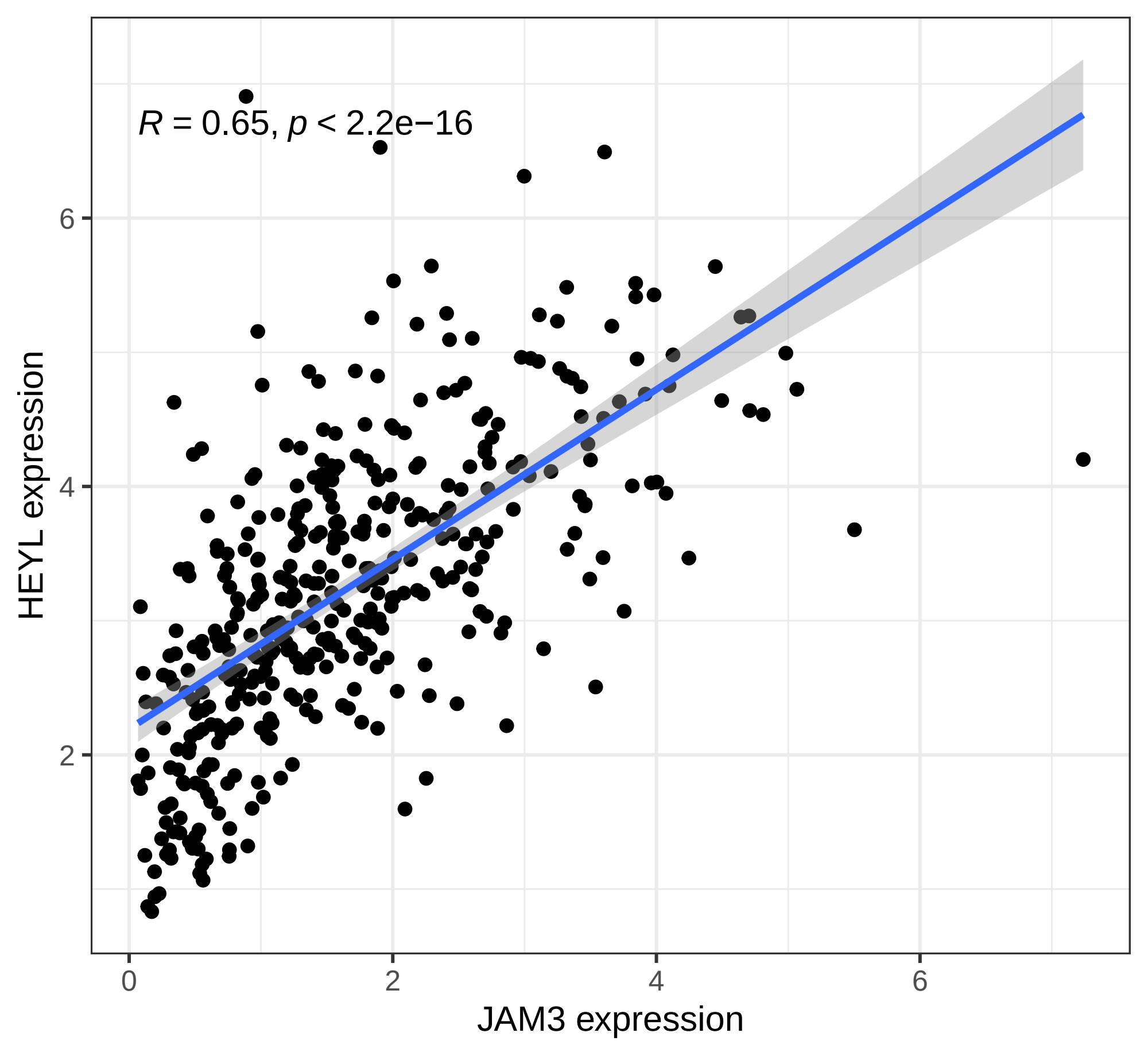

R = 0.63, p < 2.2e−16
GRK5 expression
JAM3 expression
0
2
4
6
2
4
6

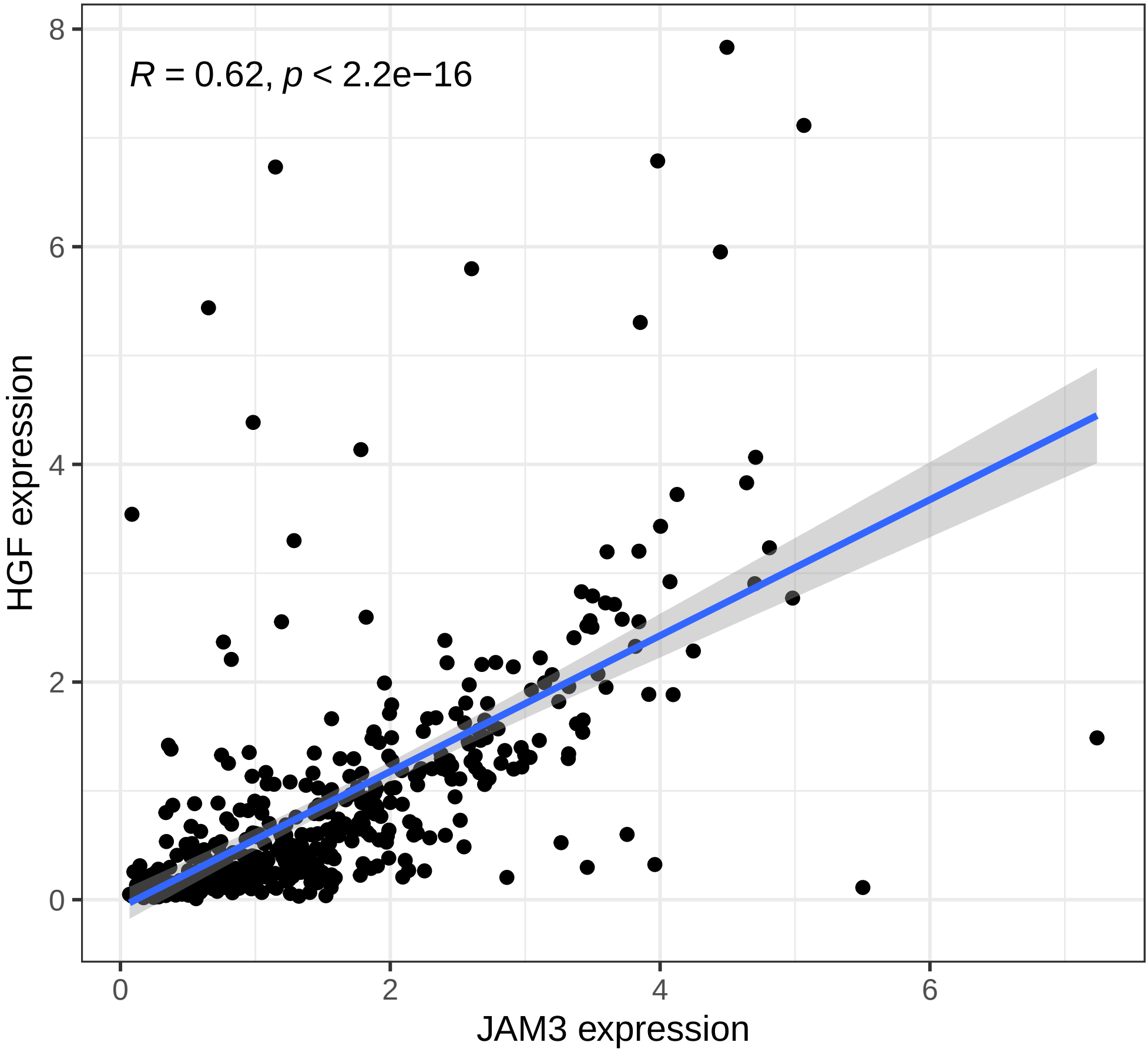

R = 0.63, p < 2.2e-16
GUCY1B1 expression
JAM3 expression
6
4
2
0
2
4
6

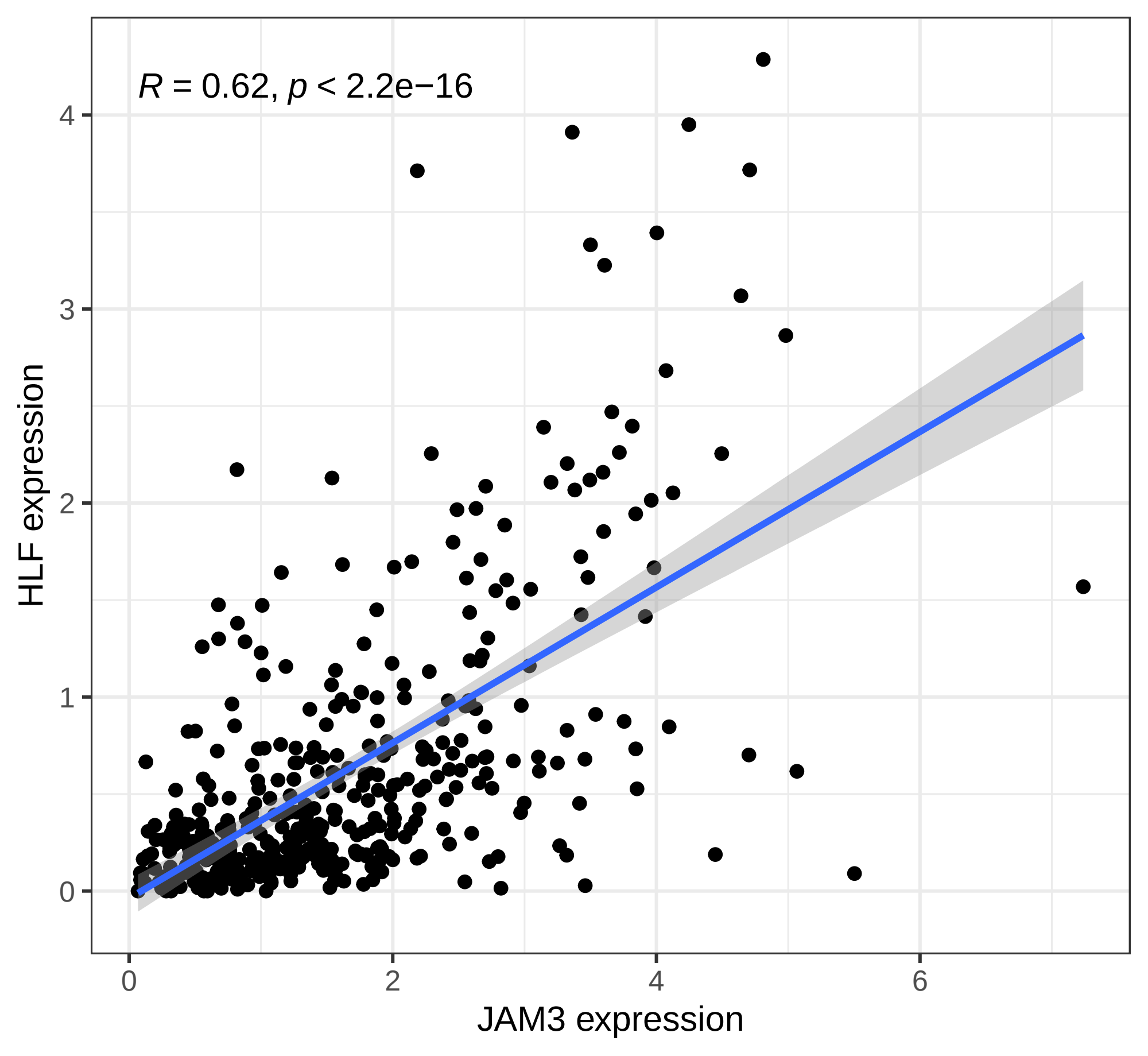

R = 0.61, p < 2.2e−16
HAND1 expression
JAM3 expression
0
1
2
3
4
5
0
2
4
6

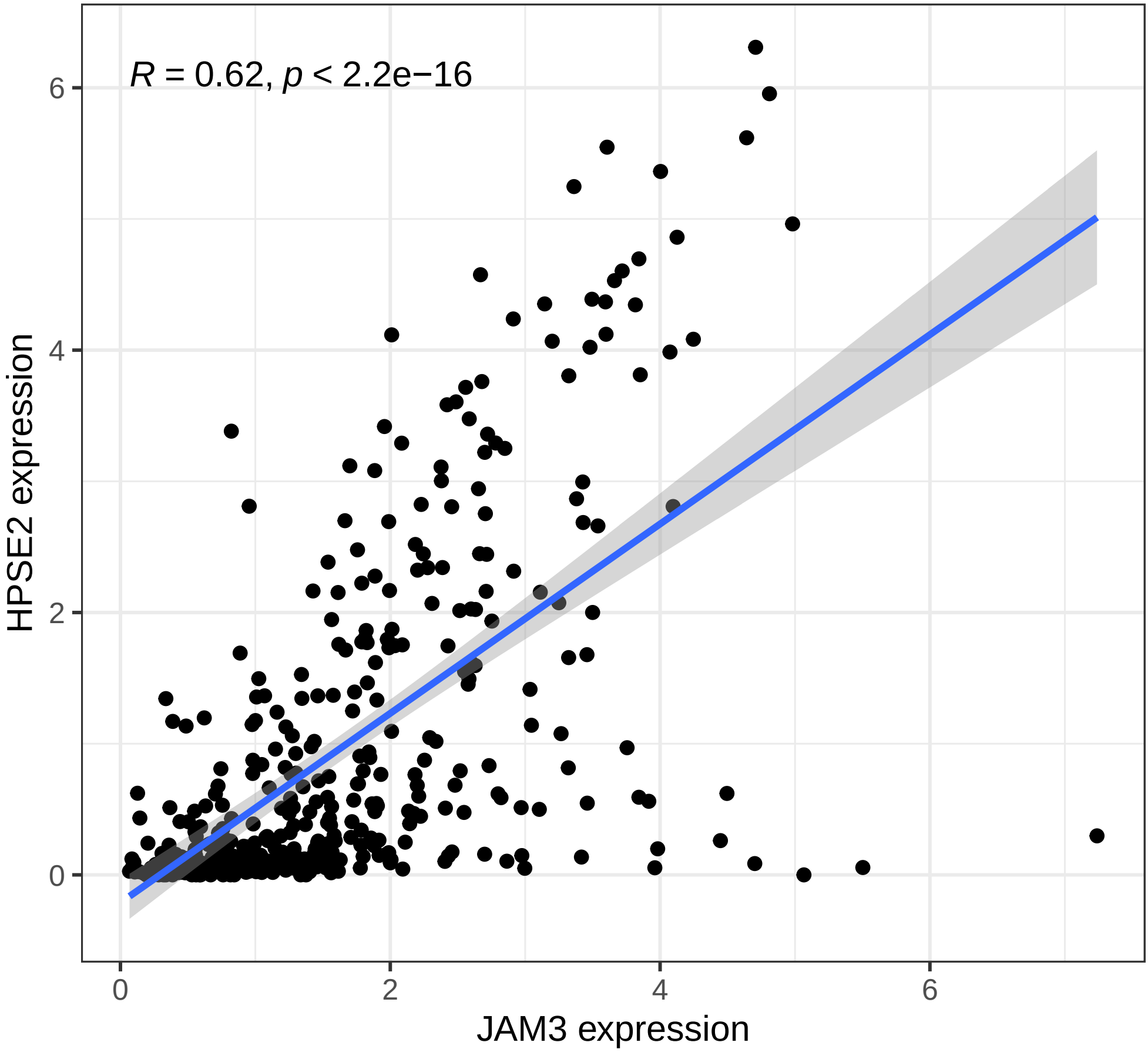

R = 0.65, p < 2.2e−16
HAND2 expression
JAM3 expression
0
2
4
6
0
2
4
6

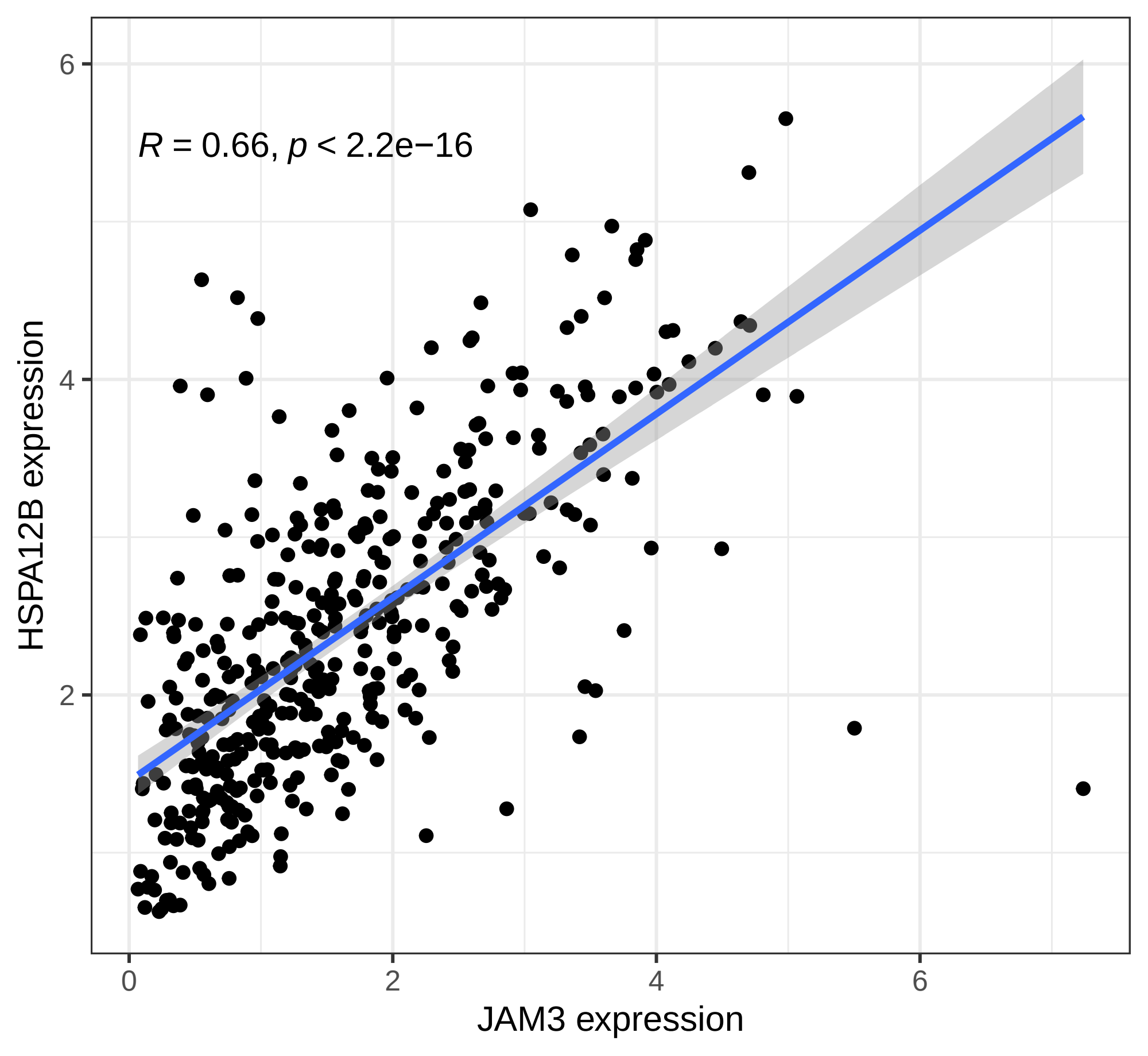

R = 0.65, p < 2.2e−16
HEPH expression
JAM3 expression
0
2
4
6
8

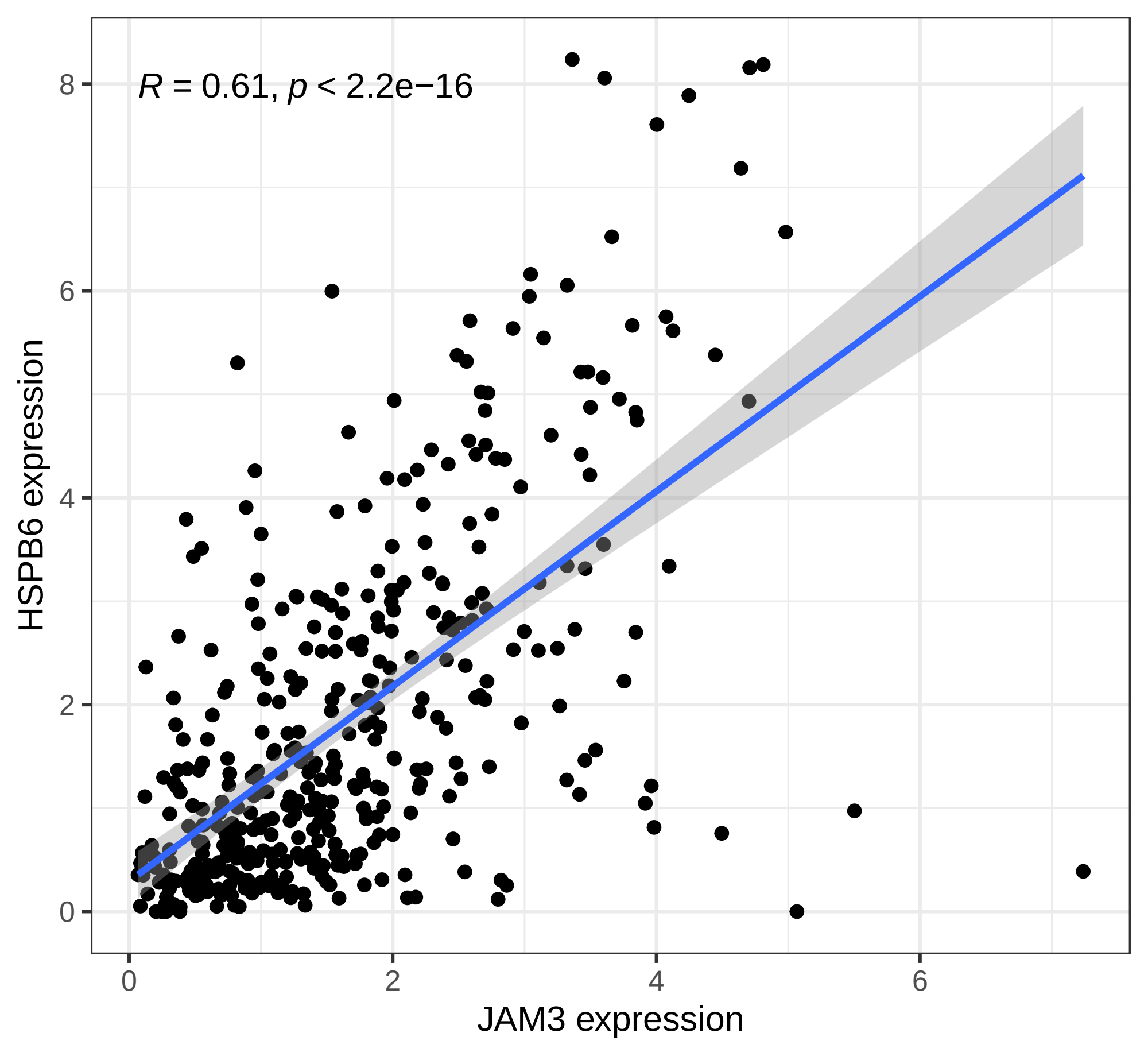

R = 0.65, p < 2.2e−16
HEYL expression
JAM3 expression
0
2
4
6
2
4
6

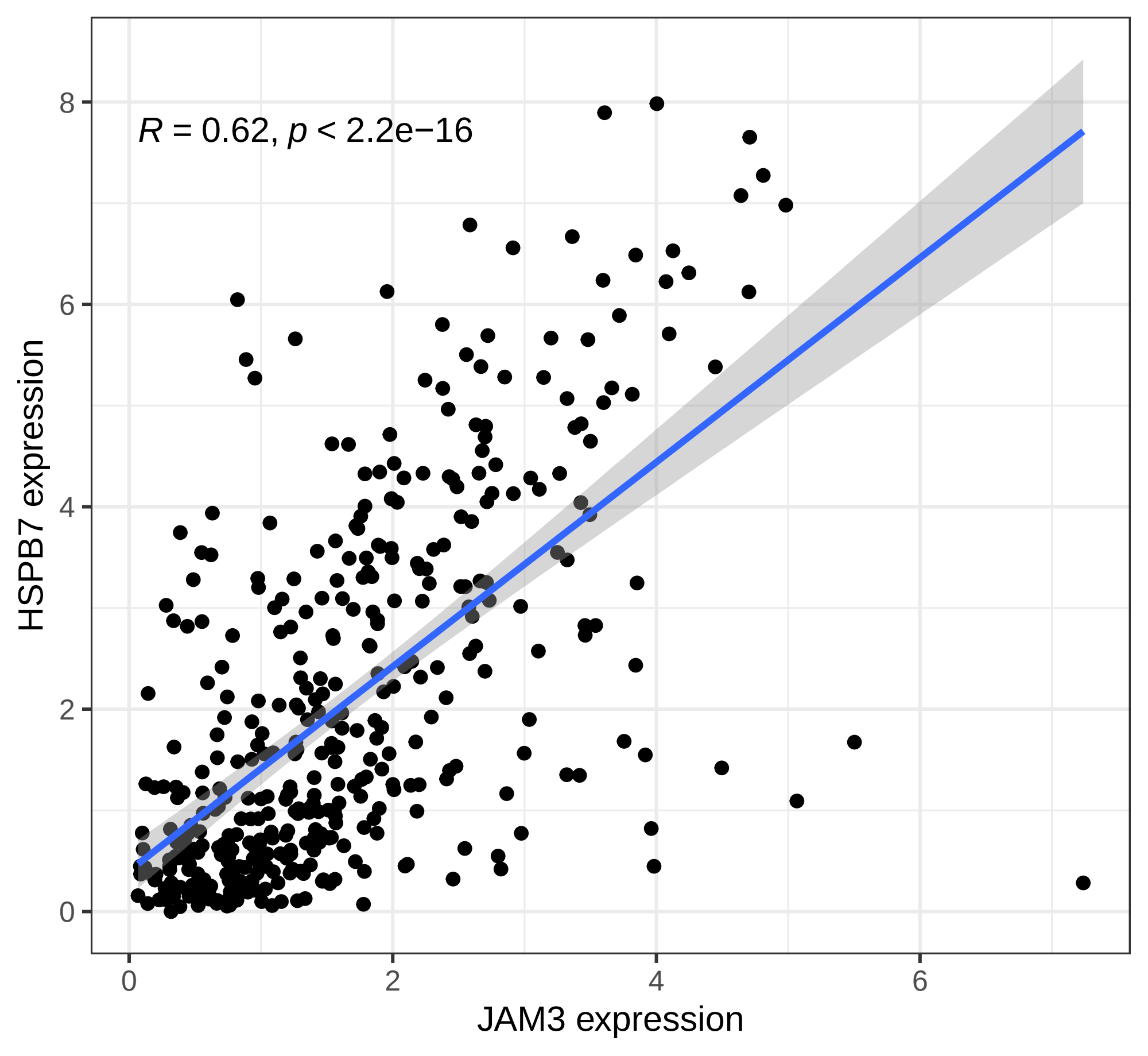

R = 0.62, p < 2.2e−16
HGF expression
JAM3 expression
0
2
4
6
8
0
2
4
6

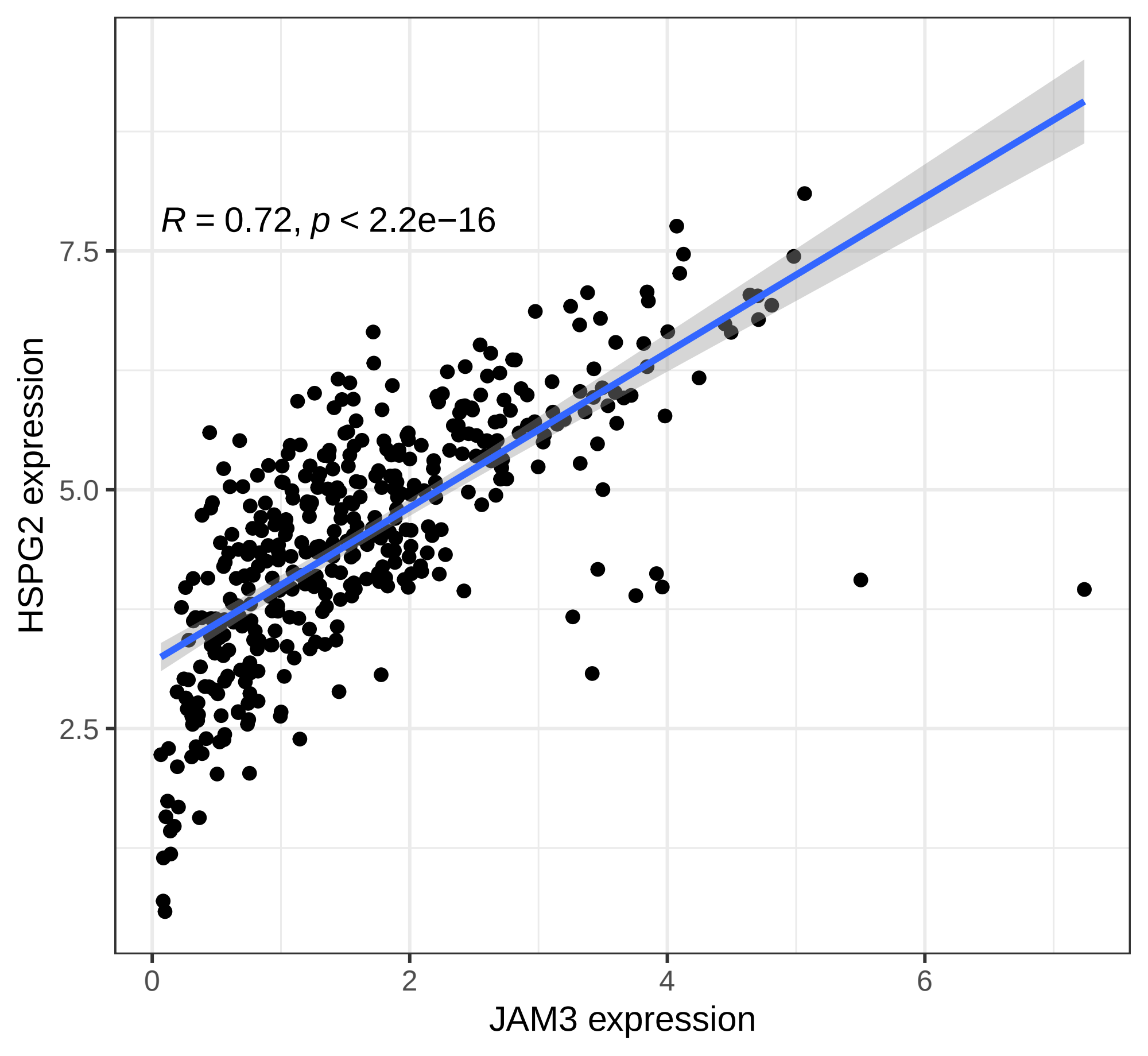

R = 0.62, p < 2.2e−16
HLF expression
JAM3 expression
0
1
2
3
4
0
2
4
6

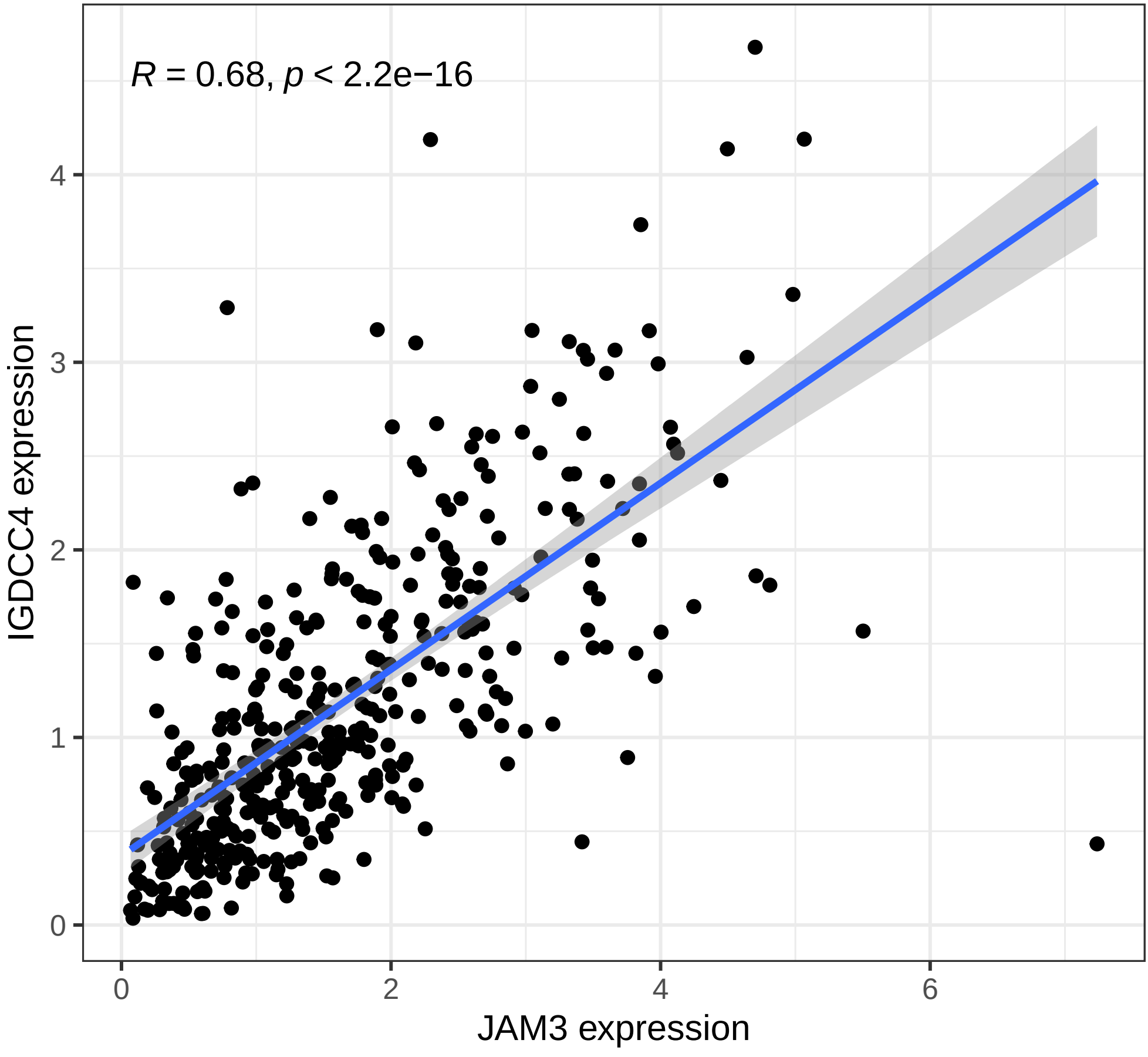

R = 0.62, p < 2.2e−16
HPSE2 expression
JAM3 expression
0
2
4
6
0
2
4
6

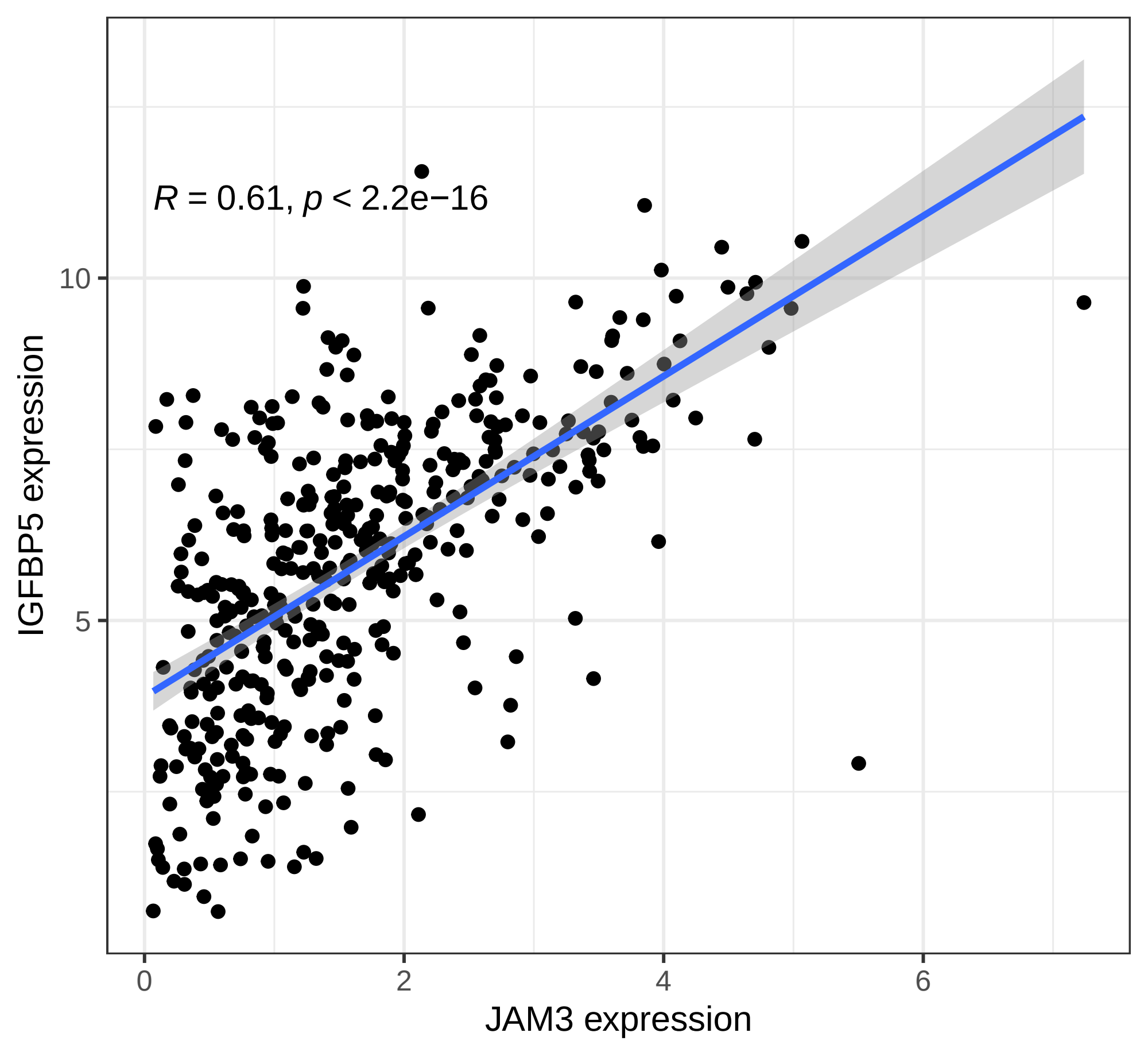

R = 0.66, p < 2.2e−16
HSPA12B expression
JAM3 expression
6
4
2
0
2
4
6

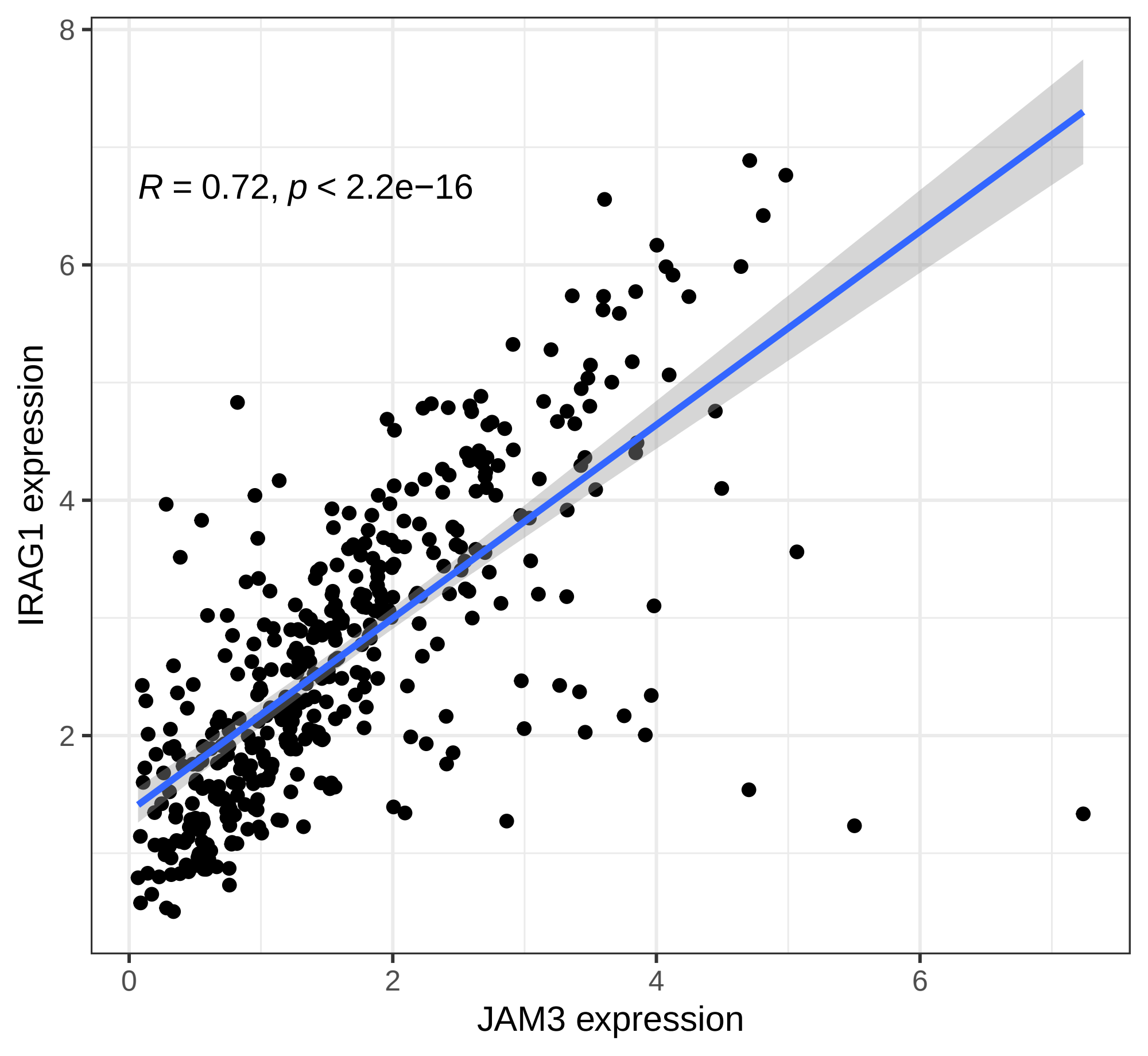

R = 0.61, p < 2.2e−16
HSPB6 expression
JAM3 expression
0
2
4
6
8
0
2
4
6

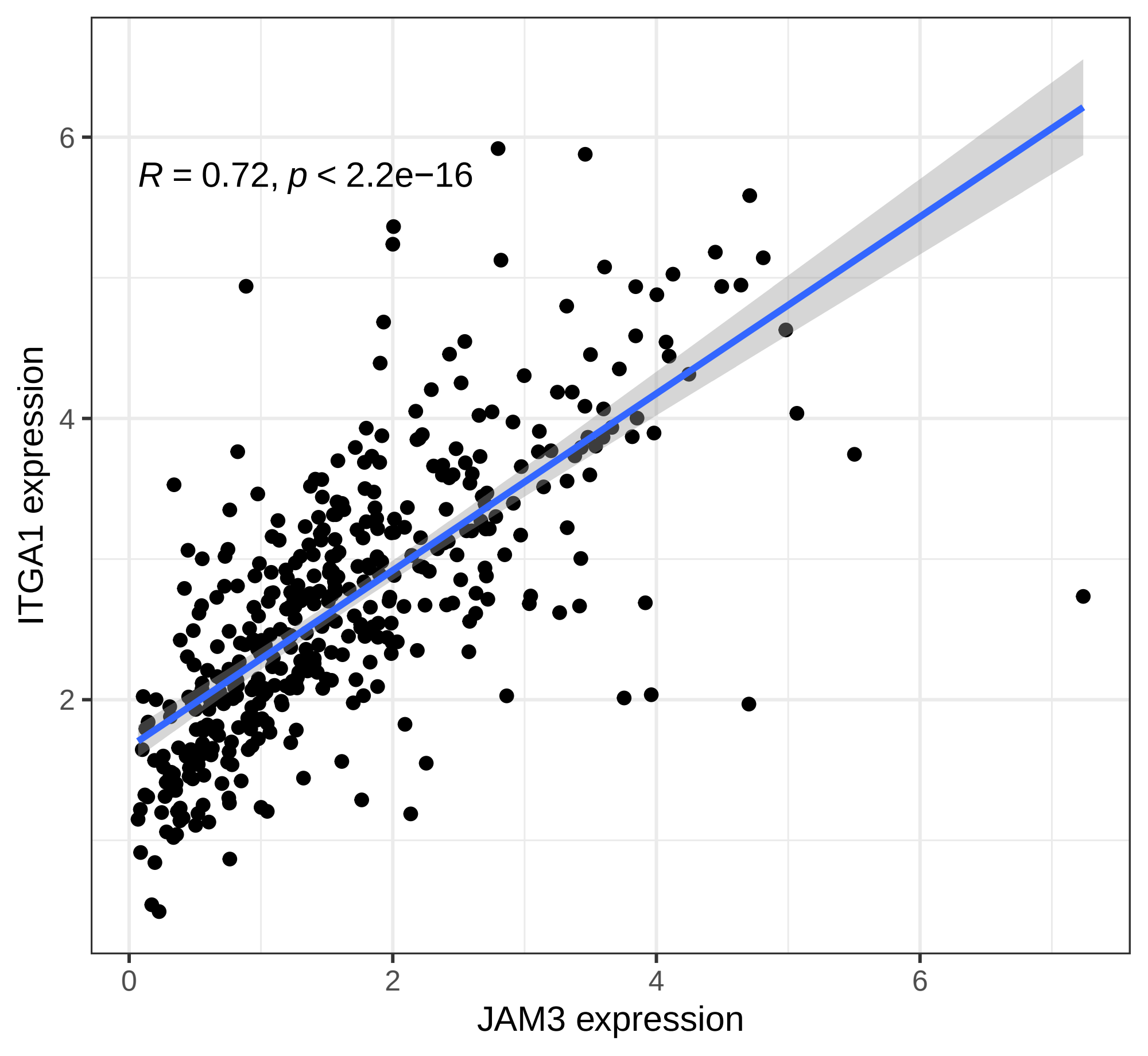

R = 0.62, p < 2.2e−16
HSPB7 expression
JAM3 expression
0
2
4
6
8
0
2
4
6

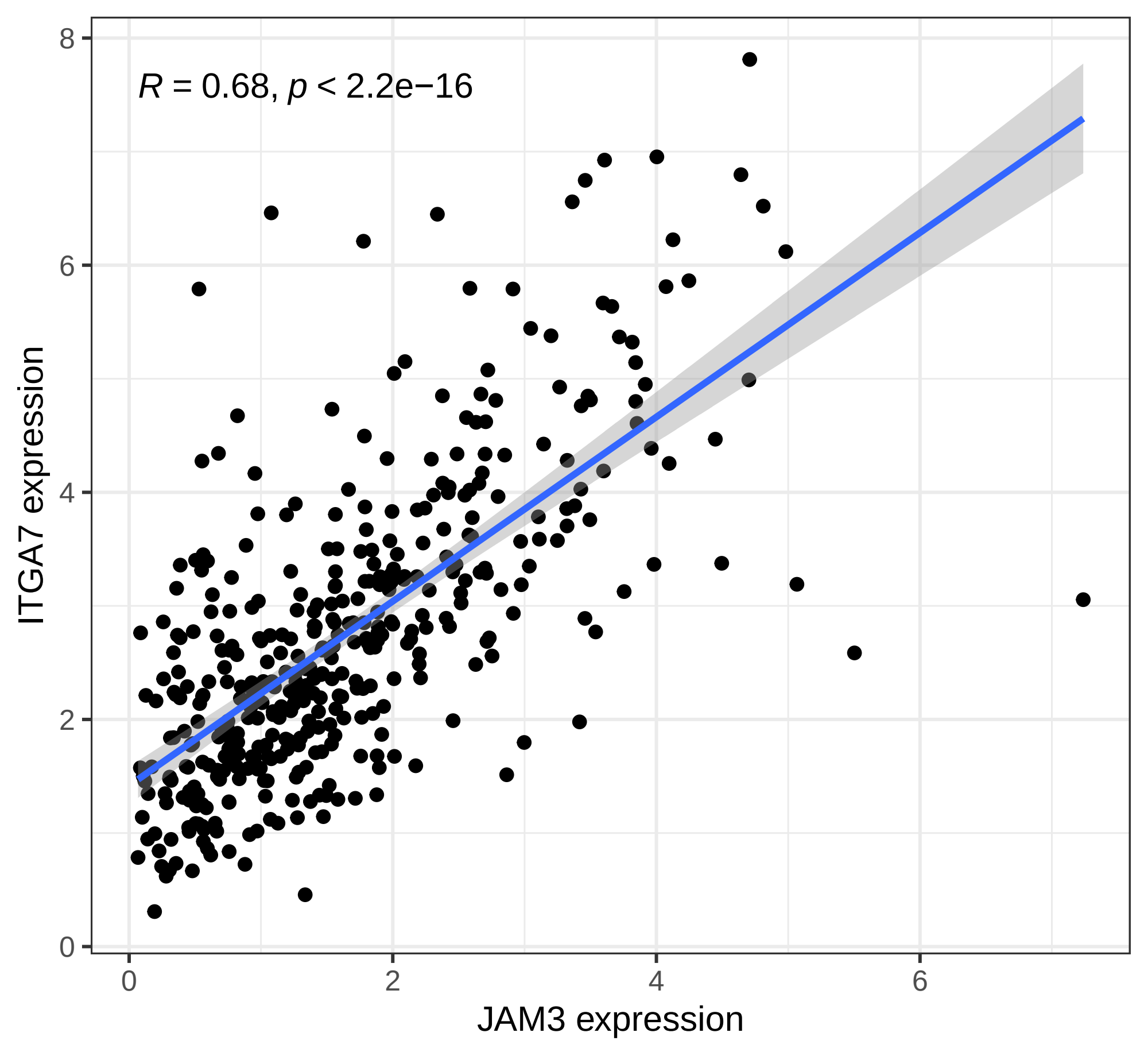

R = 0.72, p < 2.2e−16
HSPG2 expression
7.5
5.0
2.5
0
2
4
6
JAM3 expression

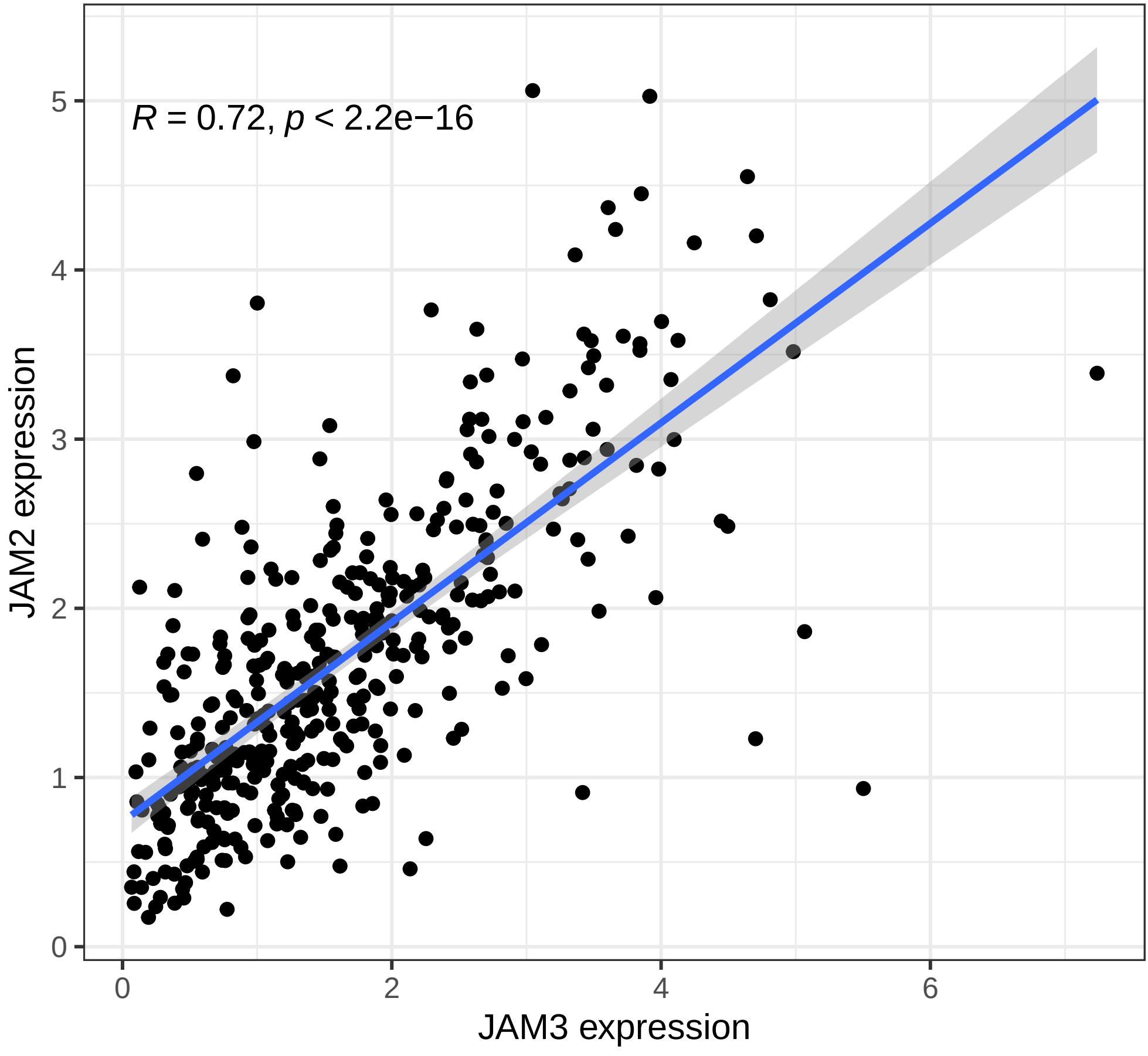

R = 0.68, p < 2.2e−16
IGDCC4 expression
JAM3 expression
0
1
2
3
4
0
2
4
6

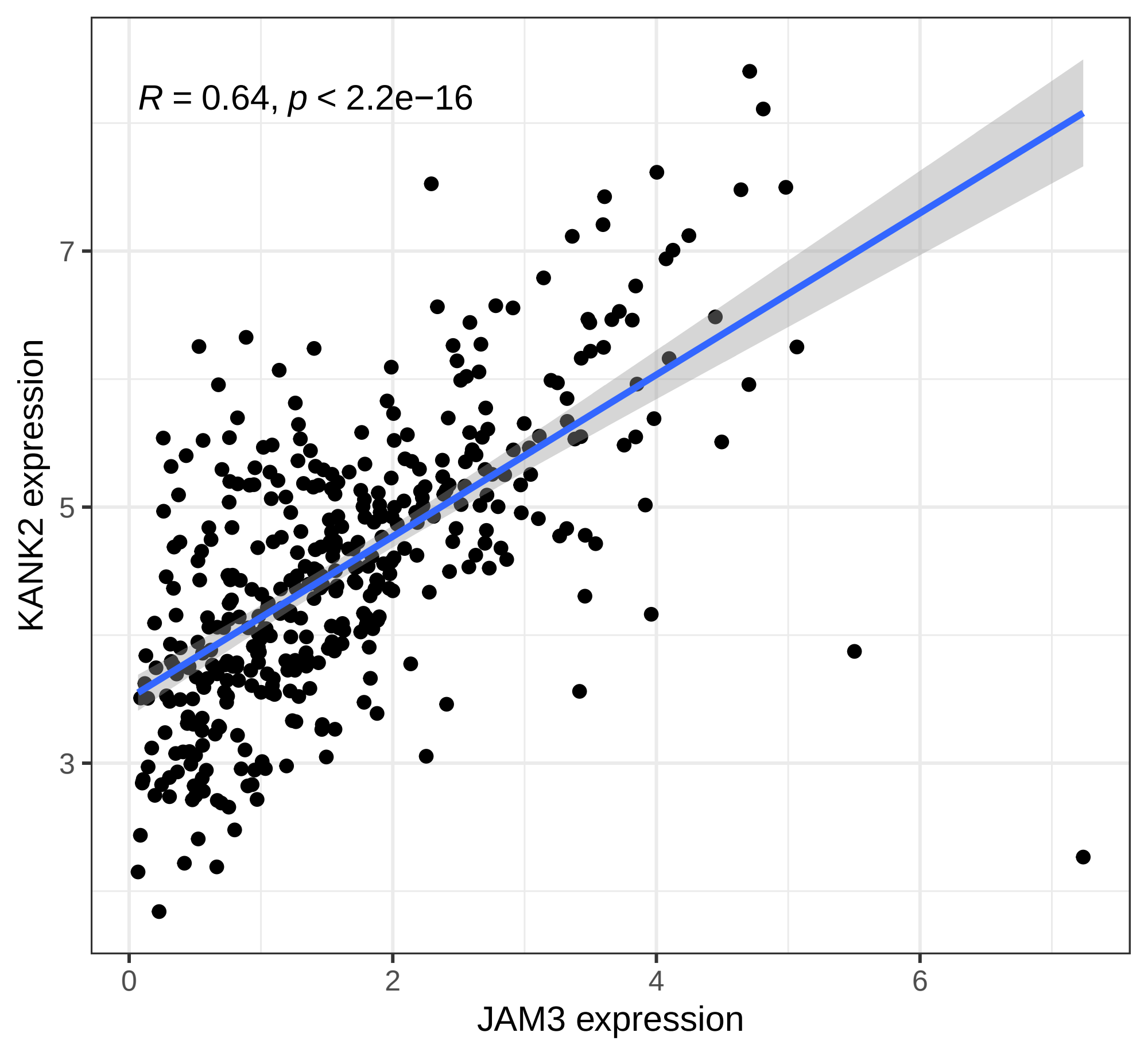

R = 0.61, p < 2.2e−16
IGFBP5 expression
10
5
0
2
4
6
JAM3 expression

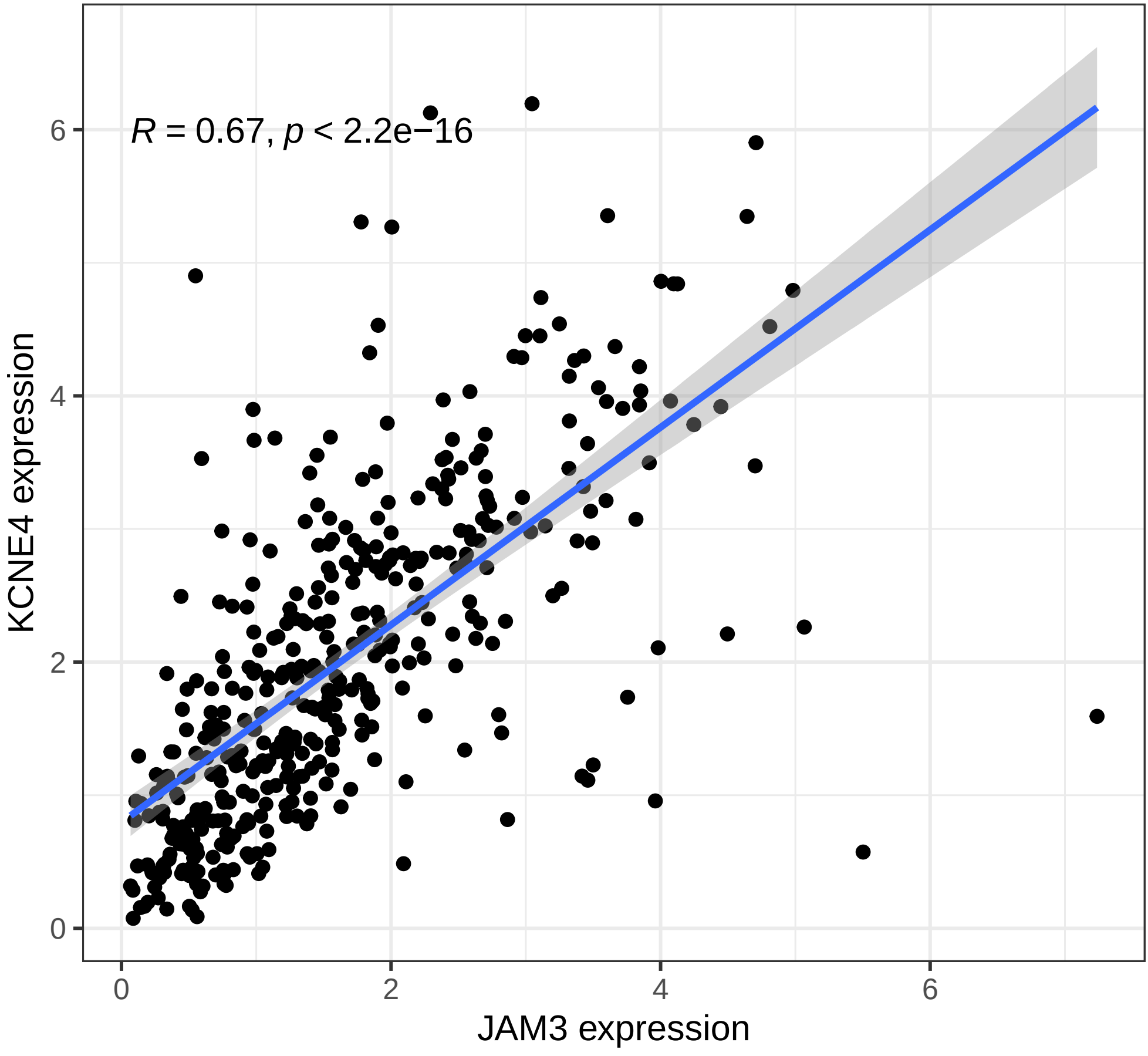

R = 0.72, p < 2.2e−16
IRAG1 expression
JAM3 expression
8
6
4
2
0
2
4
6

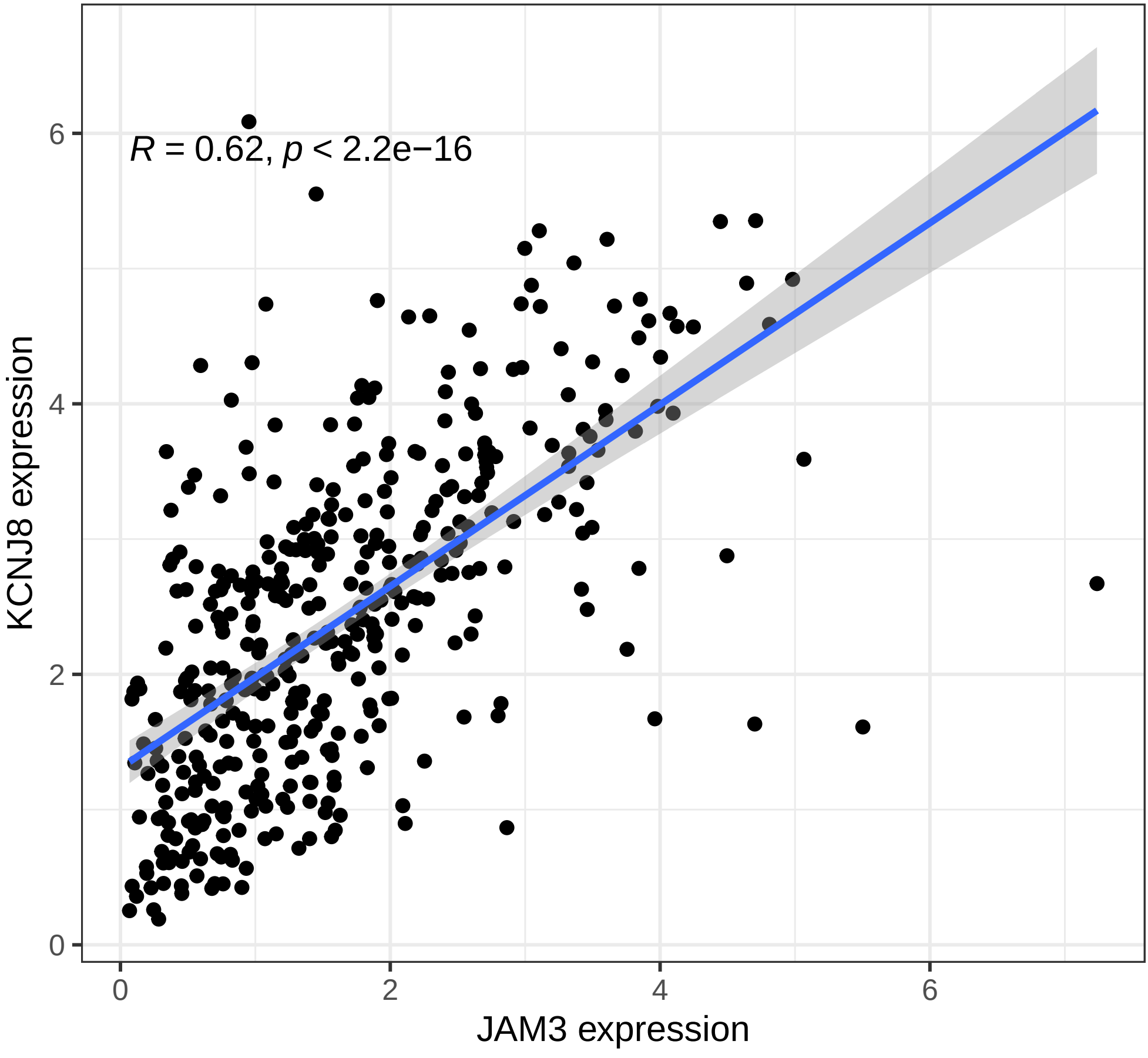

R = 0.72, p < 2.2e−16
ITGA1 expression
JAM3 expression
0
2
4
6
2
4
6

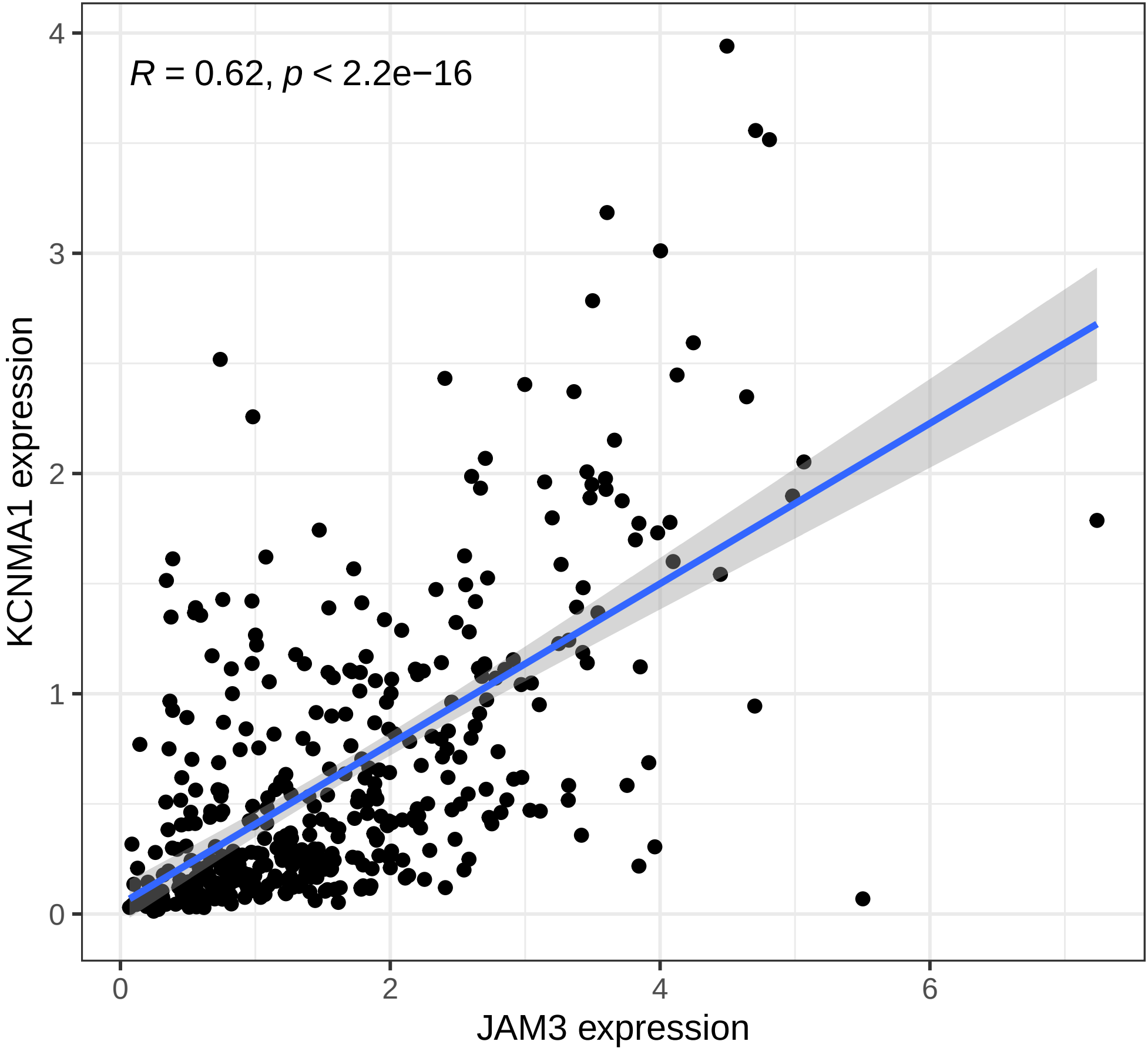

R = 0.68, p < 2.2e−16
ITGA7 expression
JAM3 expression
0
2
4
6
8
0
2
4
6

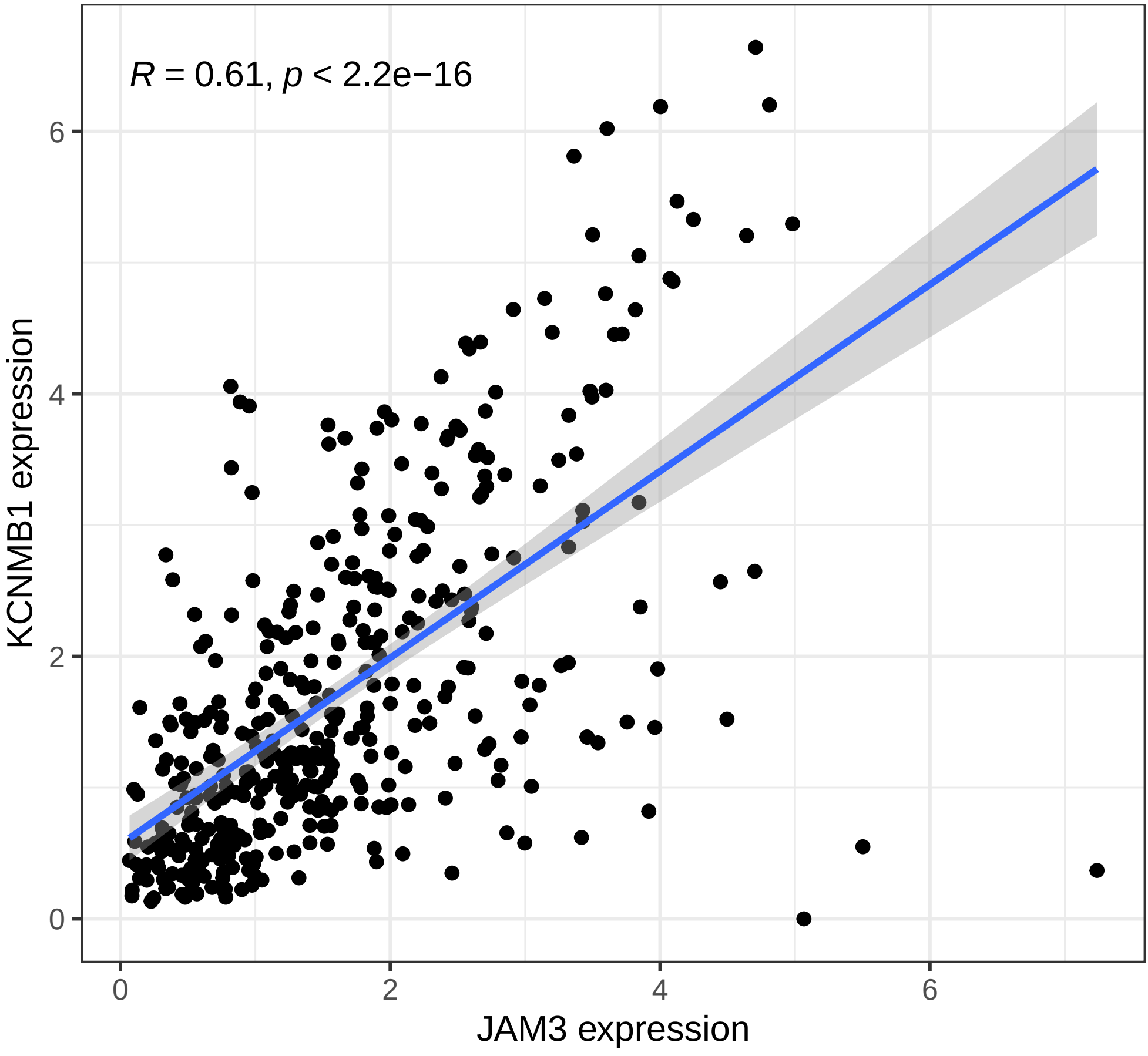

R = 0.72, p < 2.2e−16
JAM2 expression
JAM3 expression
0
1
2
3
4
5
0
2
4
6

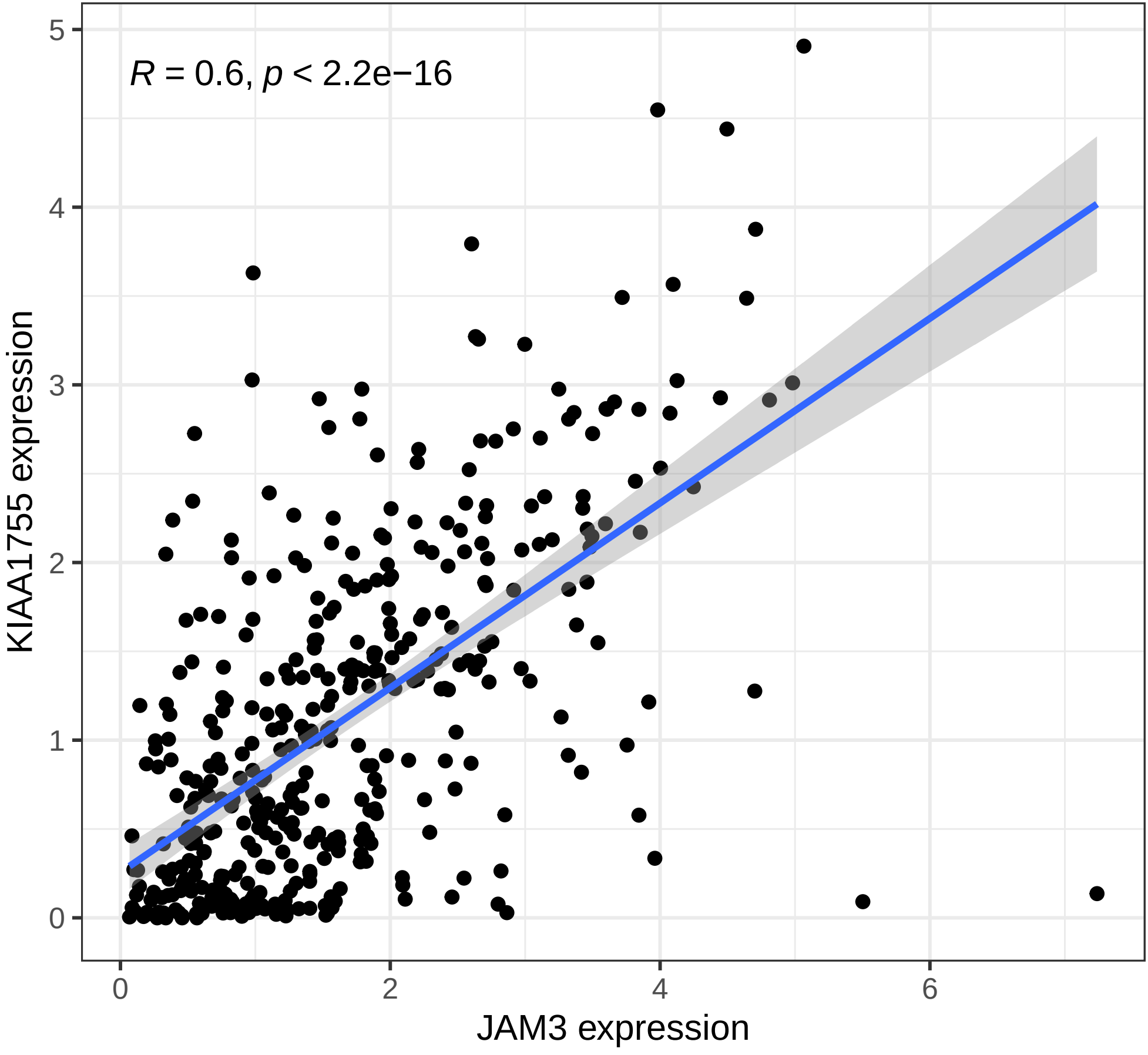

R = 0.64, p < 2.2e−16
KANK2 expression
7
5
3
0
2
4
6
JAM3 expression

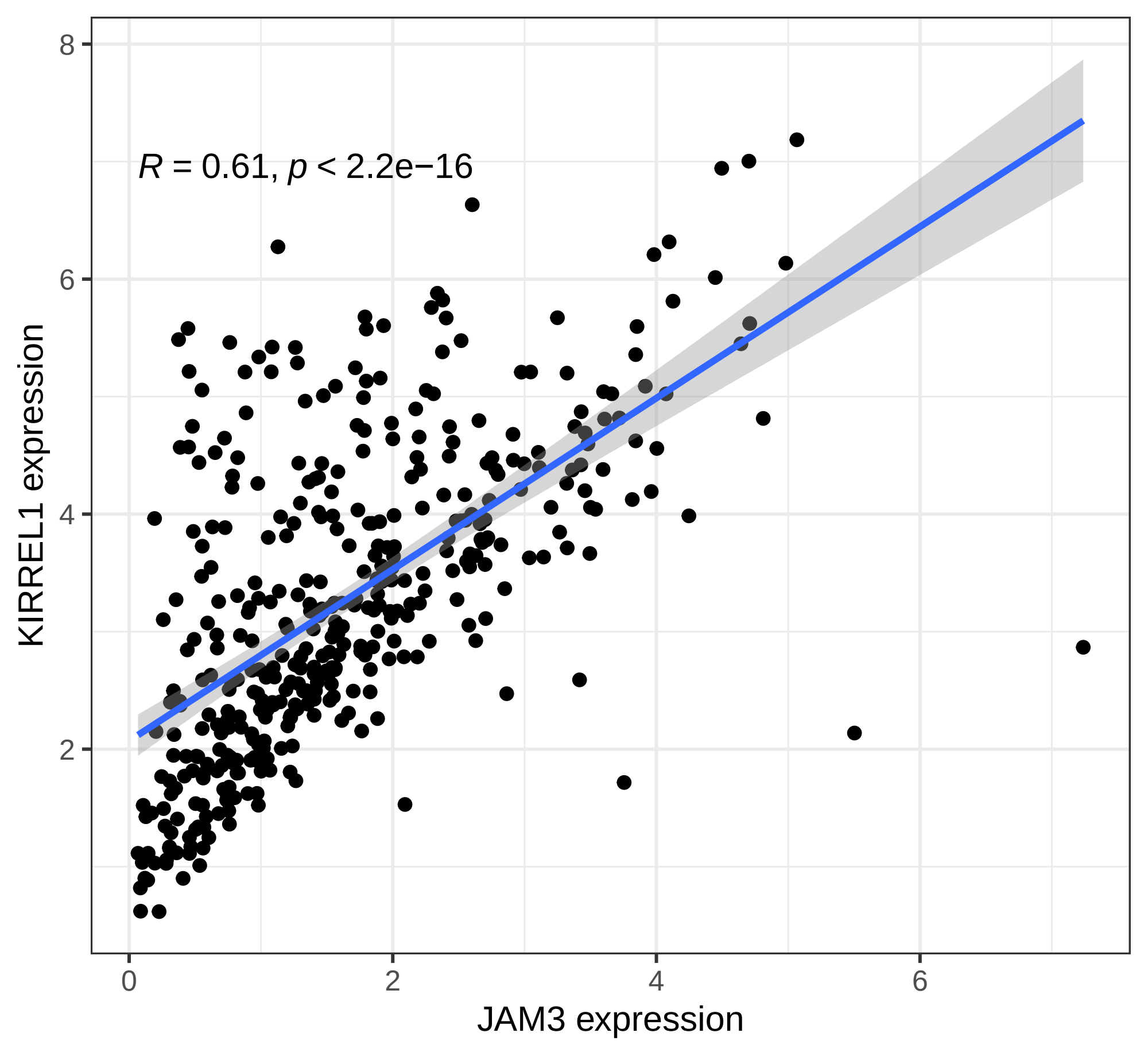

R = 0.67, p < 2.2e−16
KCNE4 expression
JAM3 expression
0
2
4
6
0
2
4
6

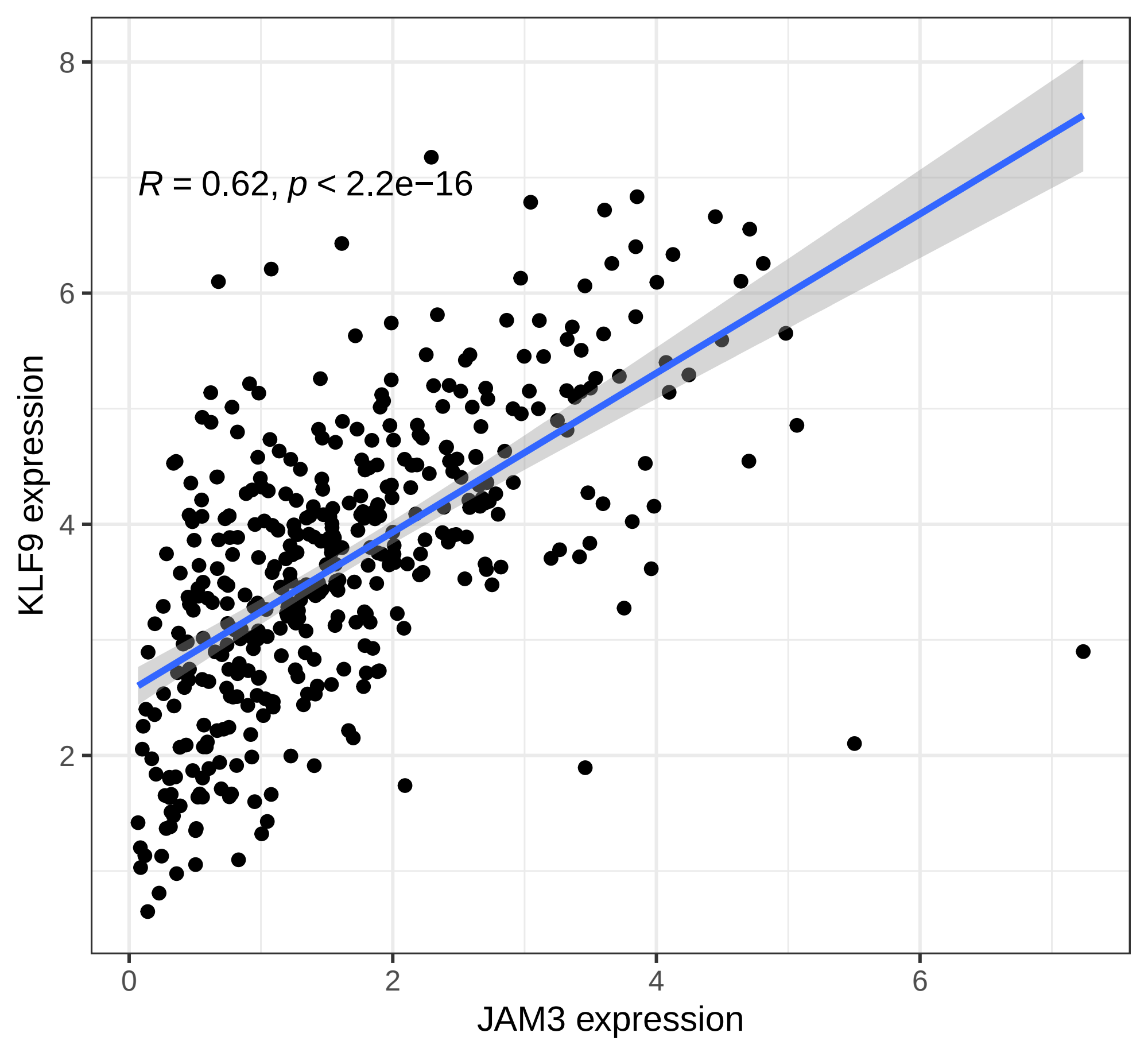

R = 0.62, p < 2.2e−16
KCNJ8 expression
JAM3 expression
0
2
4
6
0
2
4
6

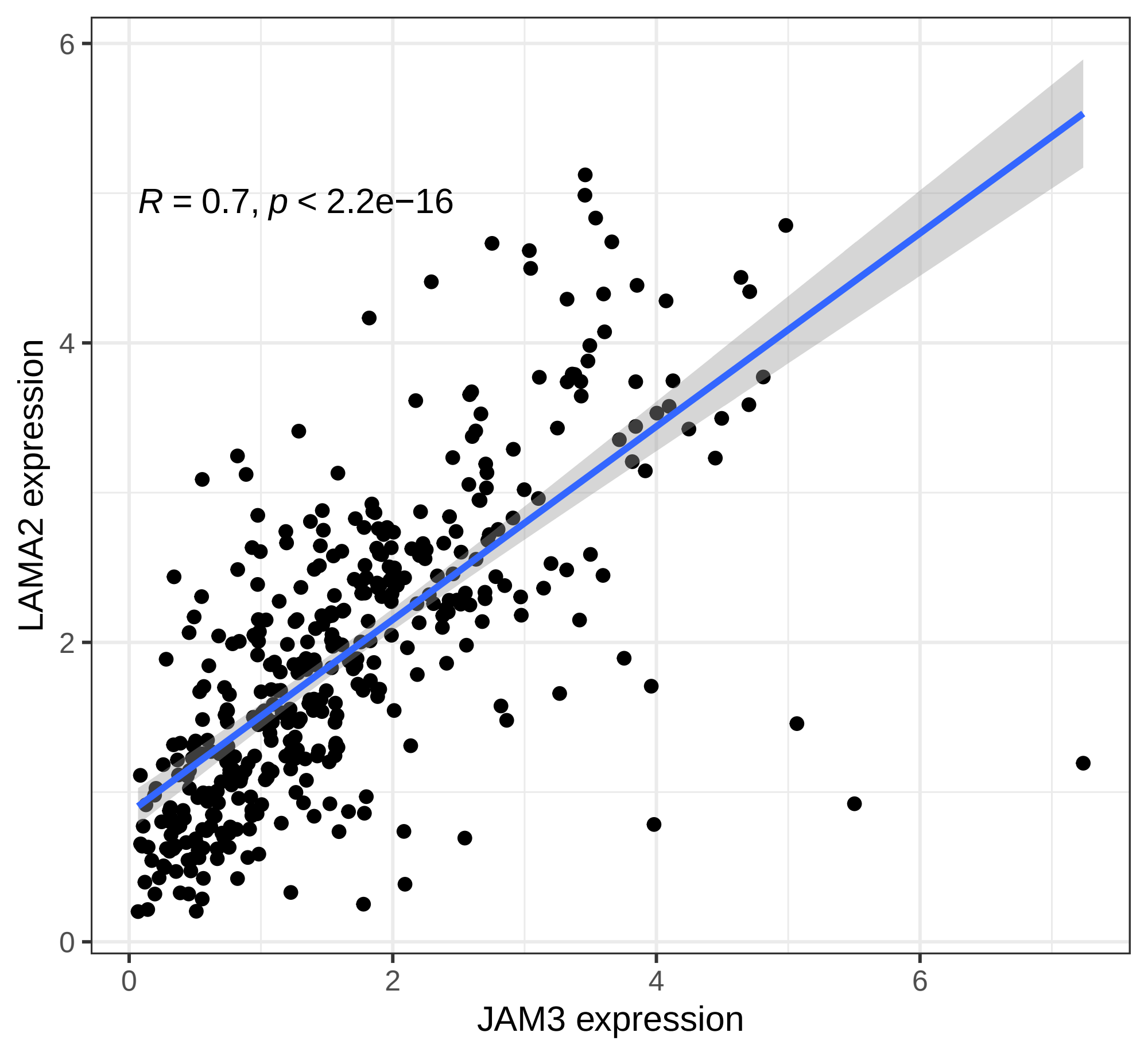

R = 0.62, p < 2.2e−16
KCNMA1 expression
JAM3 expression
0
1
2
3
4
0
2
4
6

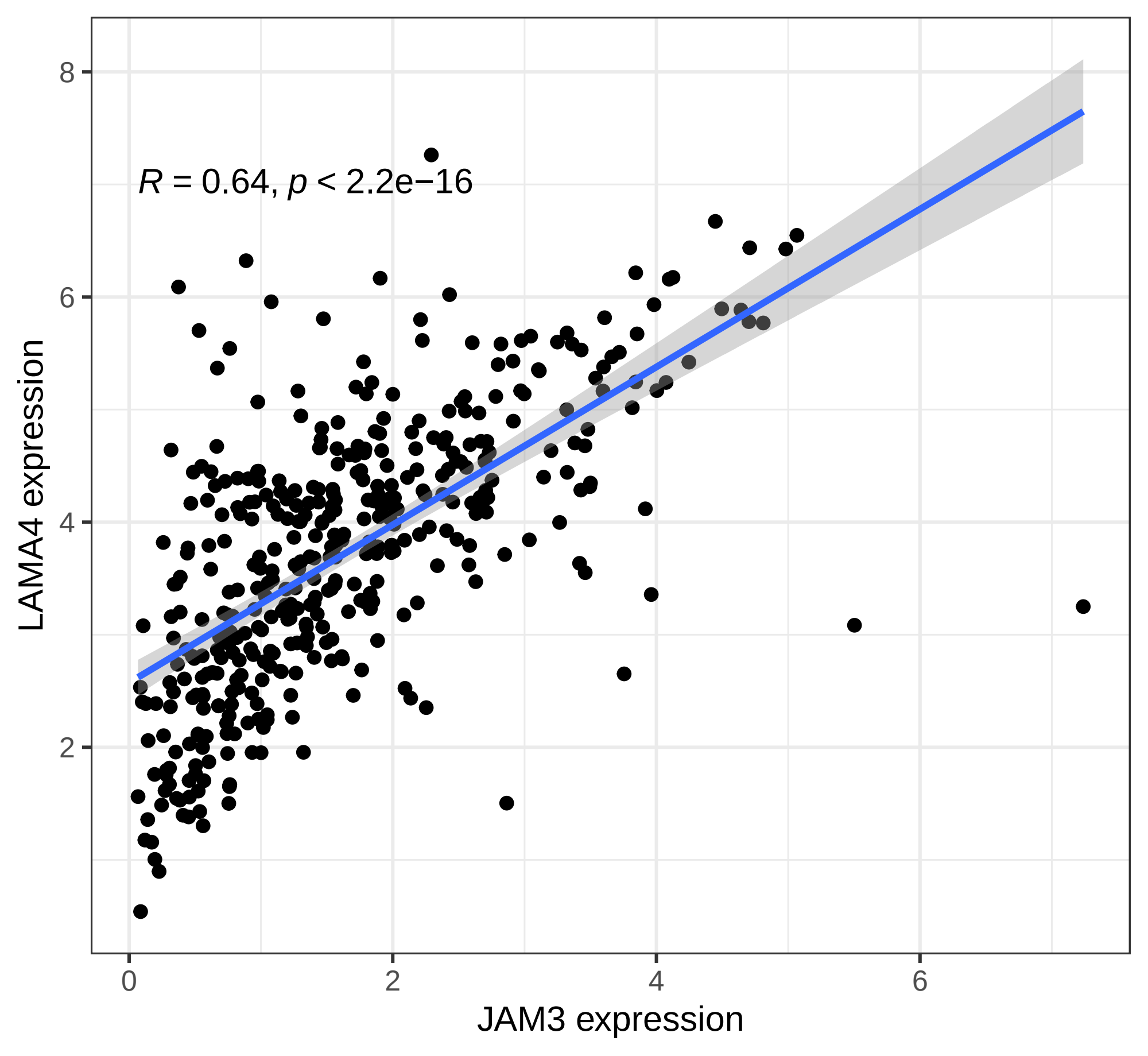

R = 0.61, p < 2.2e−16
KCNMB1 expression
JAM3 expression
0
2
4
6
0
2
4
6

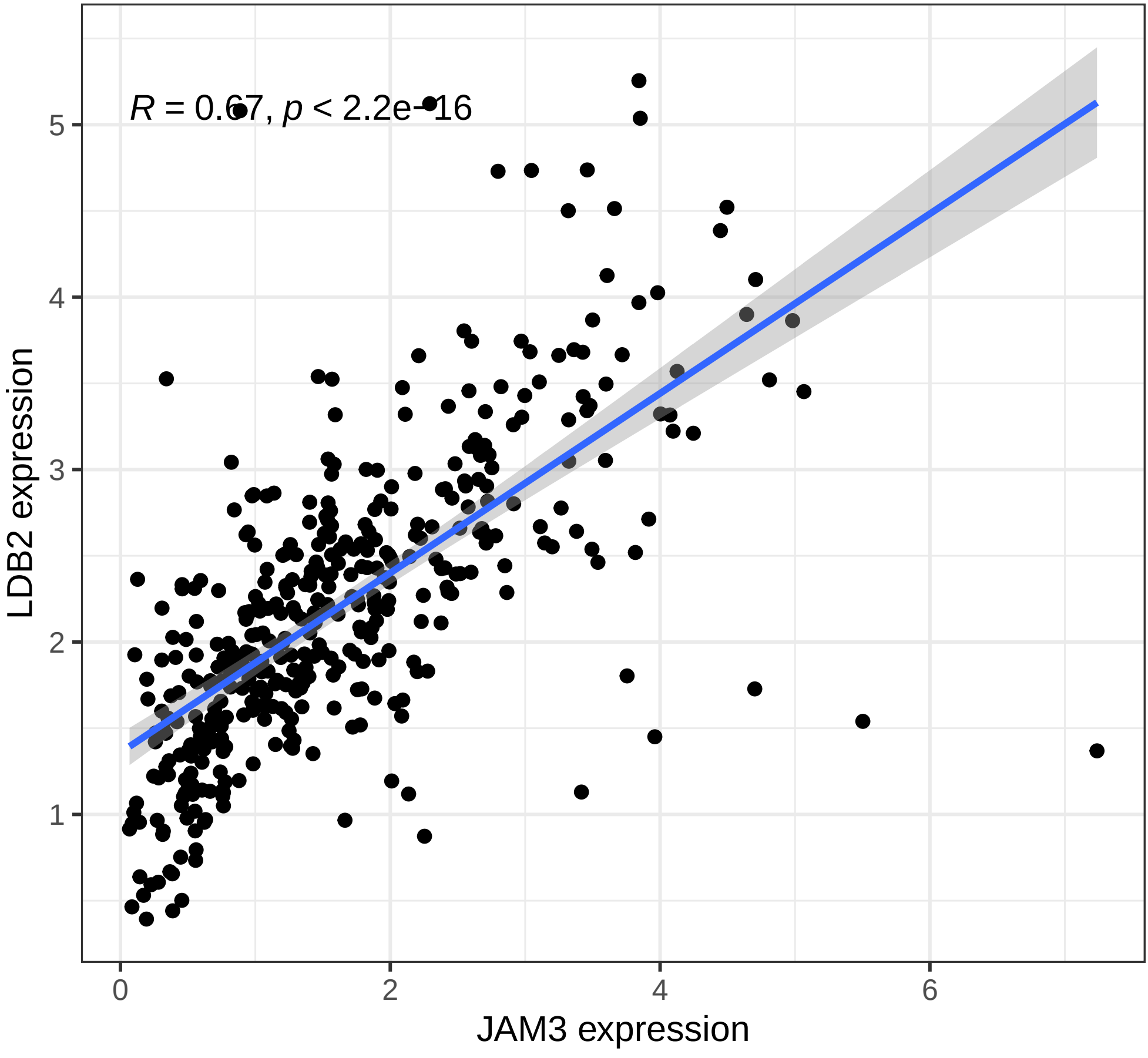

R = 0.6, p < 2.2e−16
KIAA1755 expression
JAM3 expression
0
1
2
3
4
5
0
2
4
6

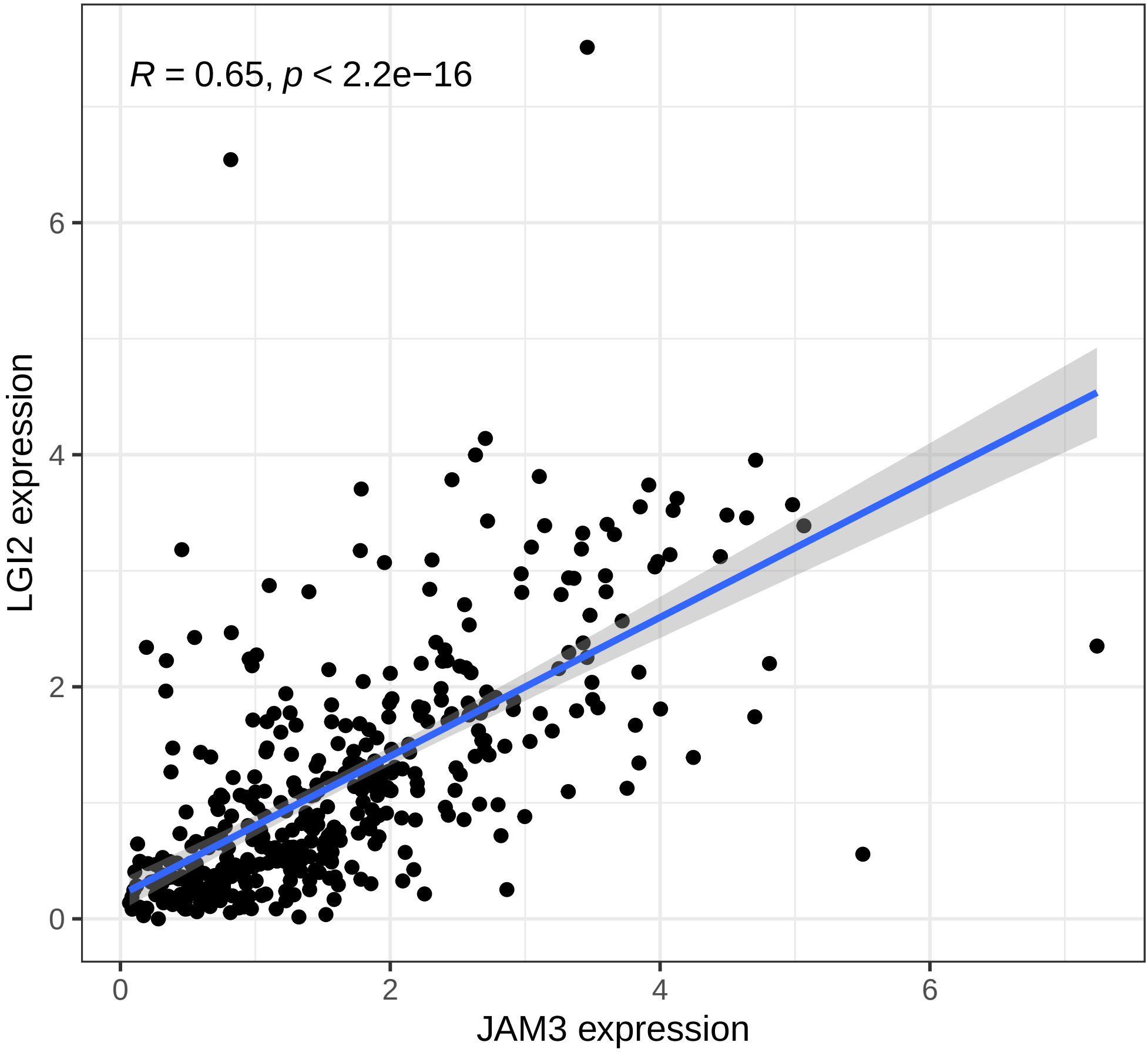

R = 0.61, p < 2.2e−16
KIRREL1 expression
JAM3 expression
8
6
4
2
0
2
4
6

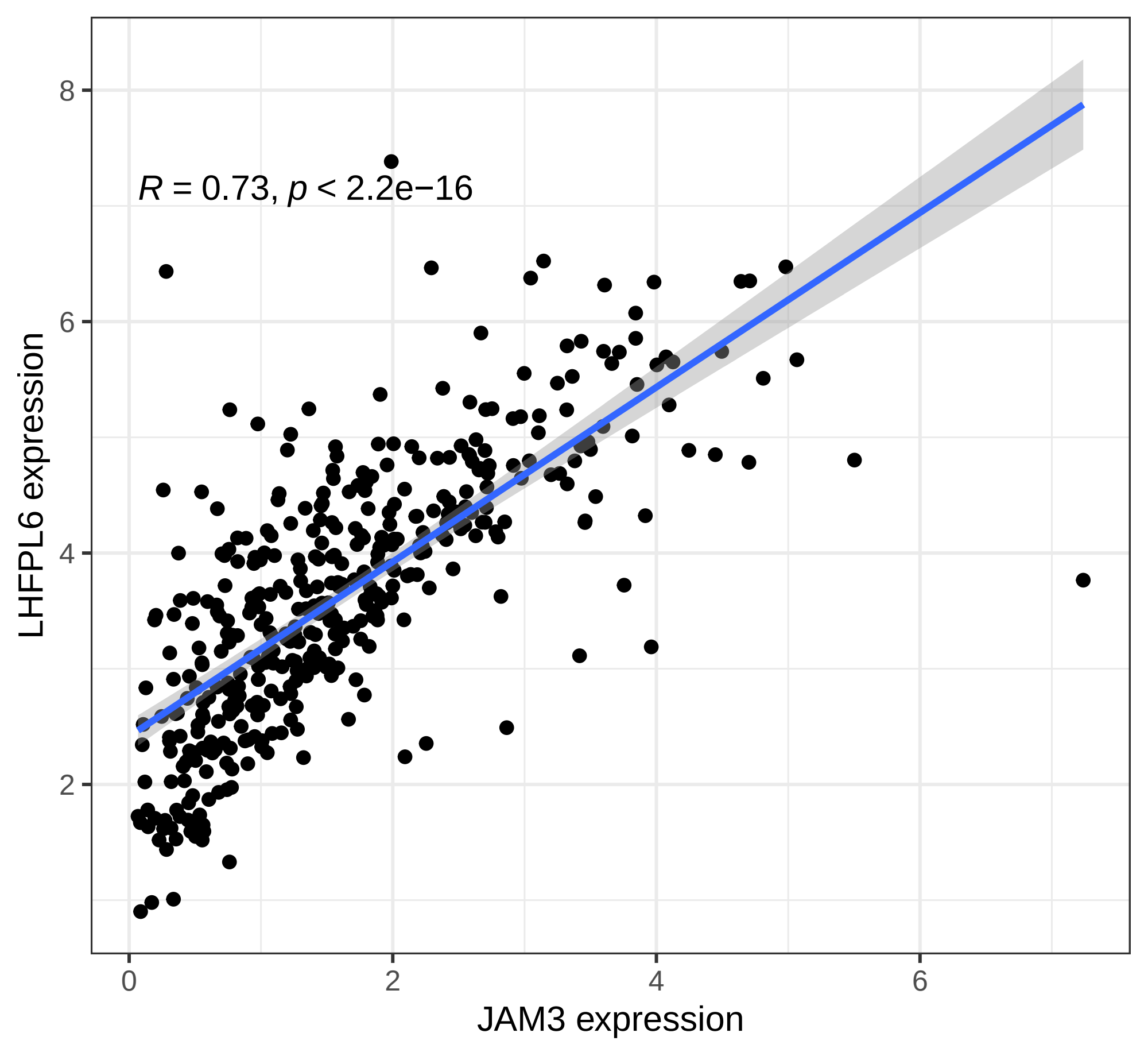

R = 0.62, p < 2.2e−16
KLF9 expression
JAM3 expression
8
6
4
2
0
2
4
6

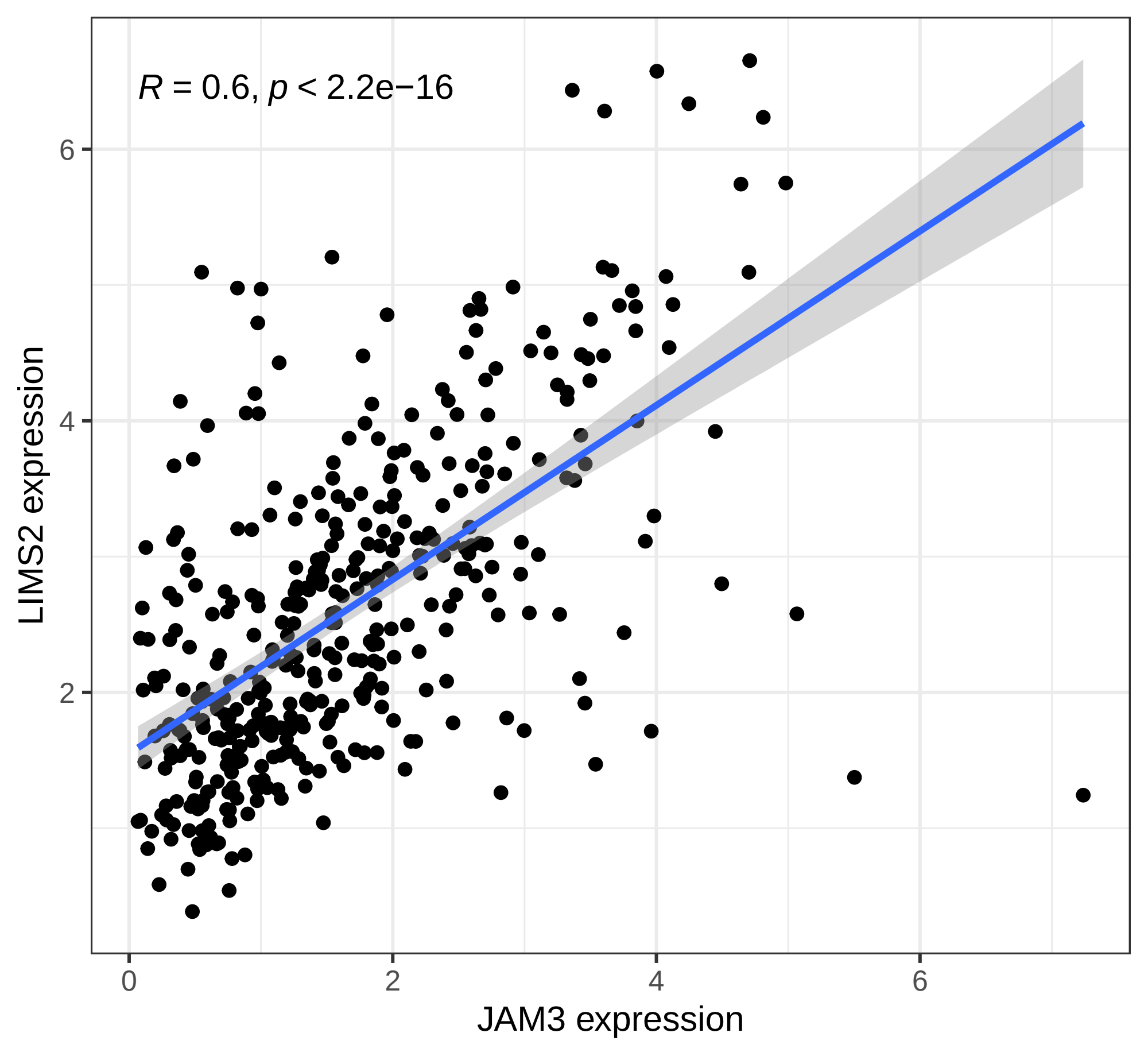

R = 0.7, p < 2.2e−16
LAMA2 expression
JAM3 expression
0
2
4
6
0
2
4
6

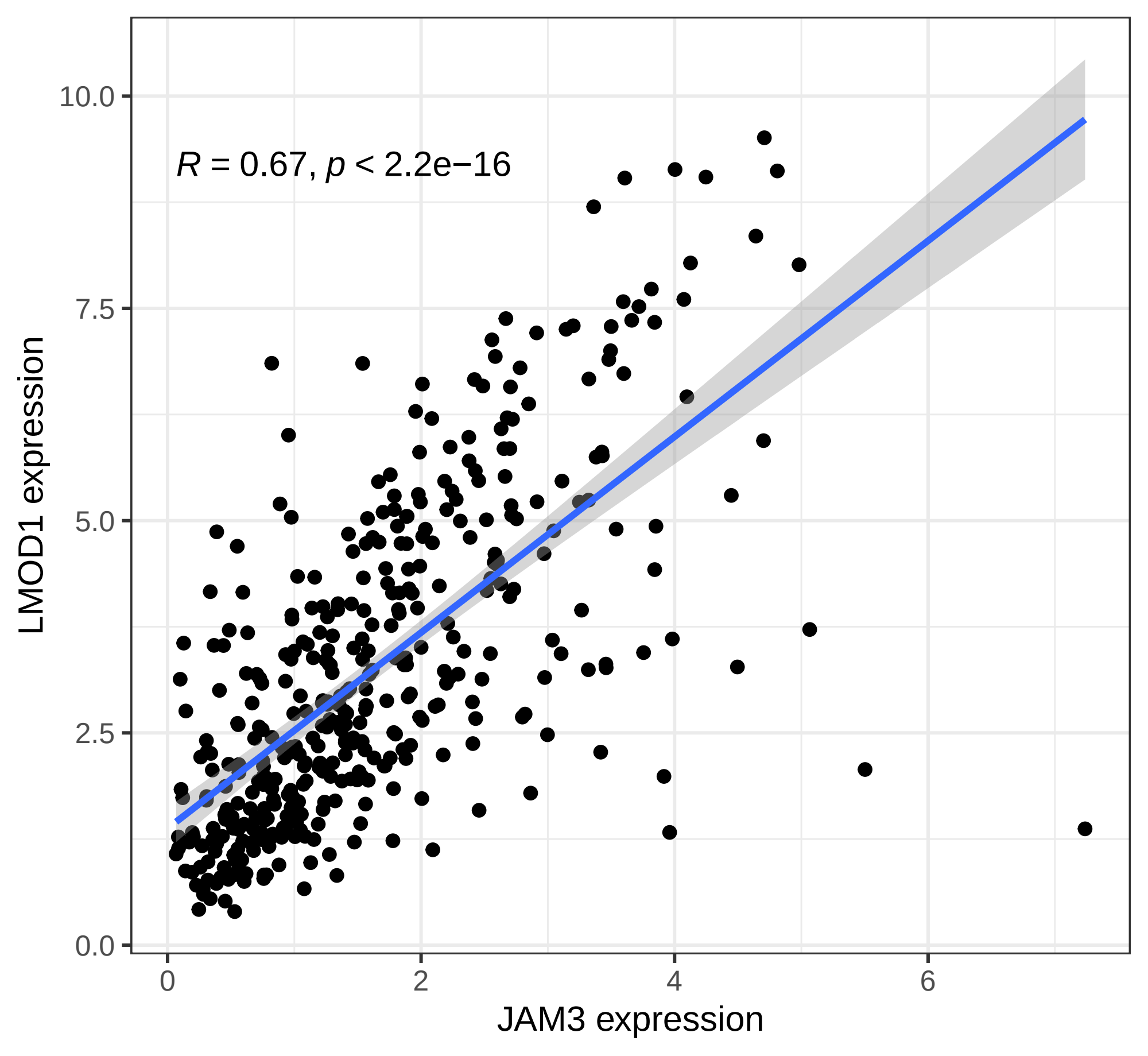

R = 0.64, p < 2.2e−16
LAMA4 expression
JAM3 expression
8
6
4
2
0
2
4
6

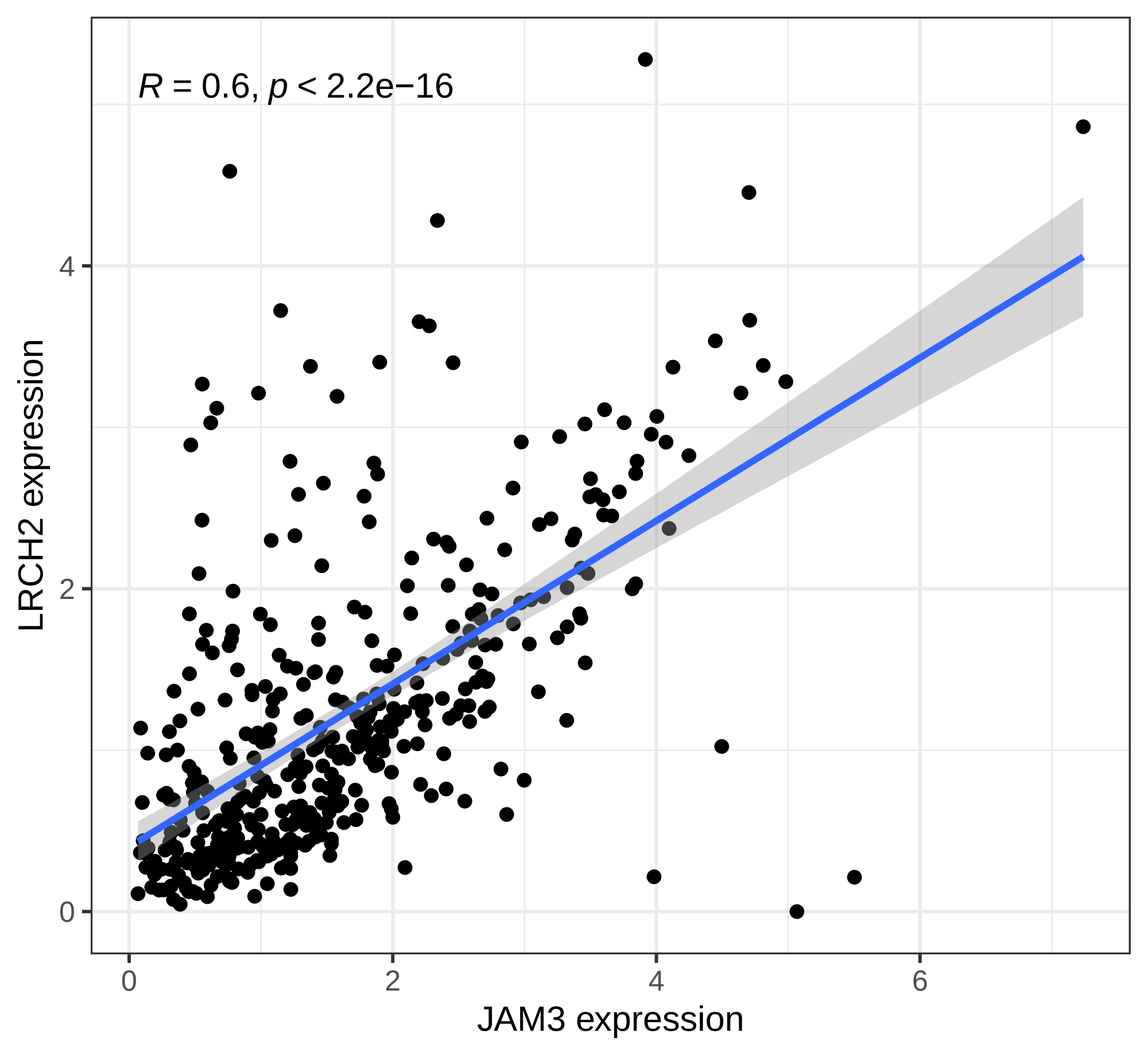

R = 0.67, p < 2.2e−16
LDB2 expression
JAM3 expression
1
2
3
4
5
0
2
4
6

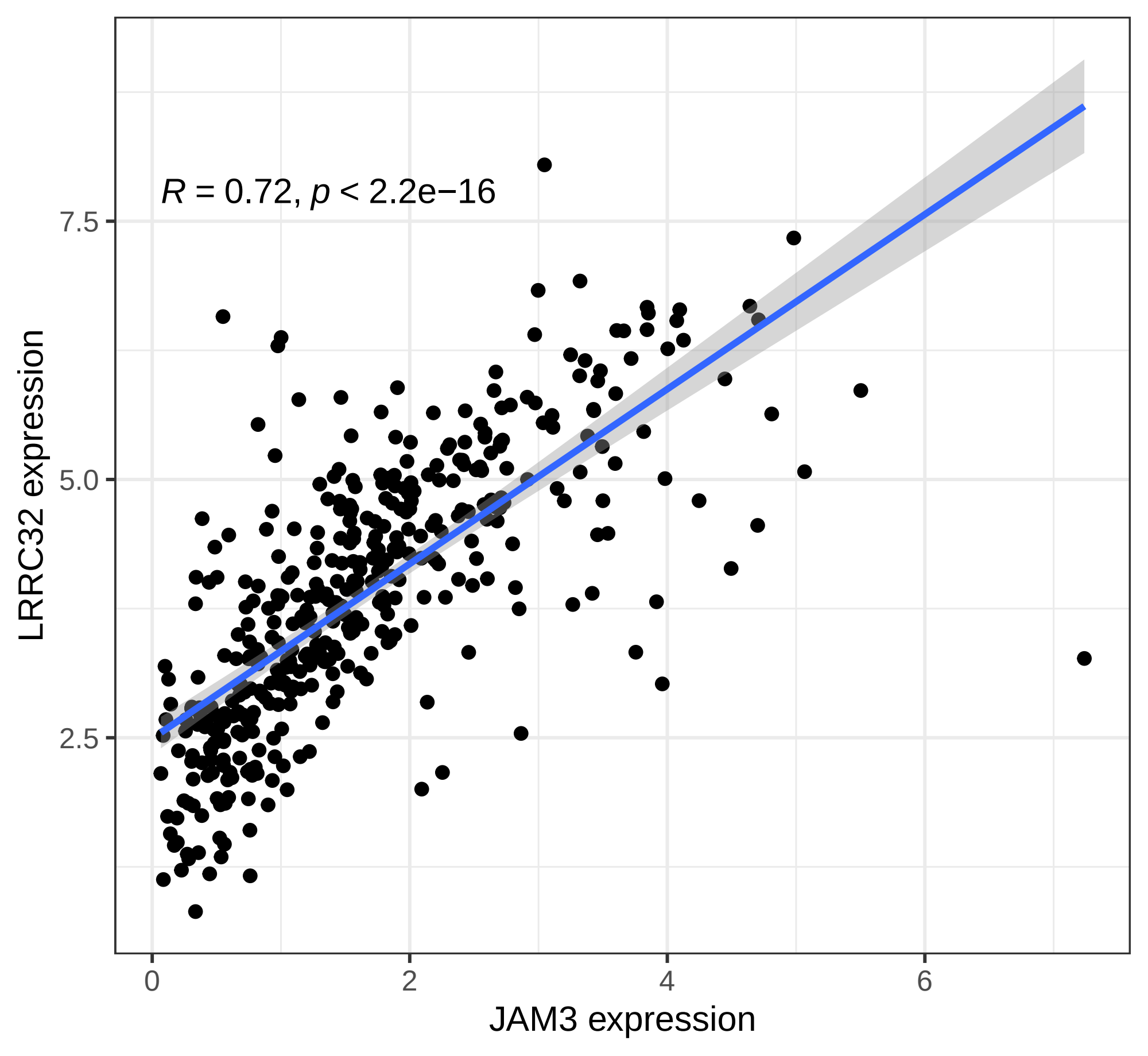

R = 0.65, p < 2.2e−16
LGI2 expression
JAM3 expression
0
2
4
6
0
2
4
6

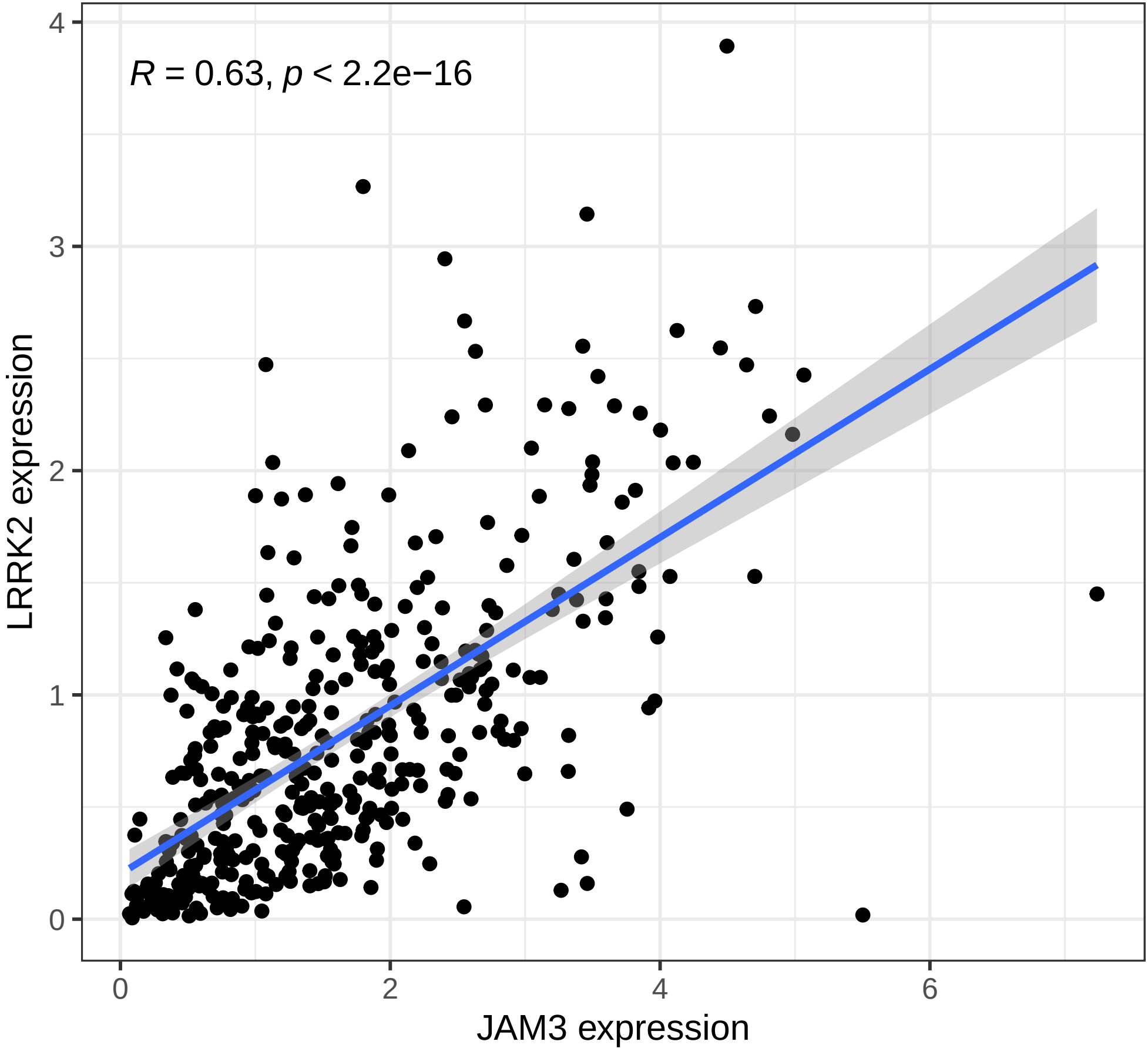

R = 0.73, p < 2.2e−16
LHFPL6 expression
JAM3 expression
8
6
4
2
0
2
4
6

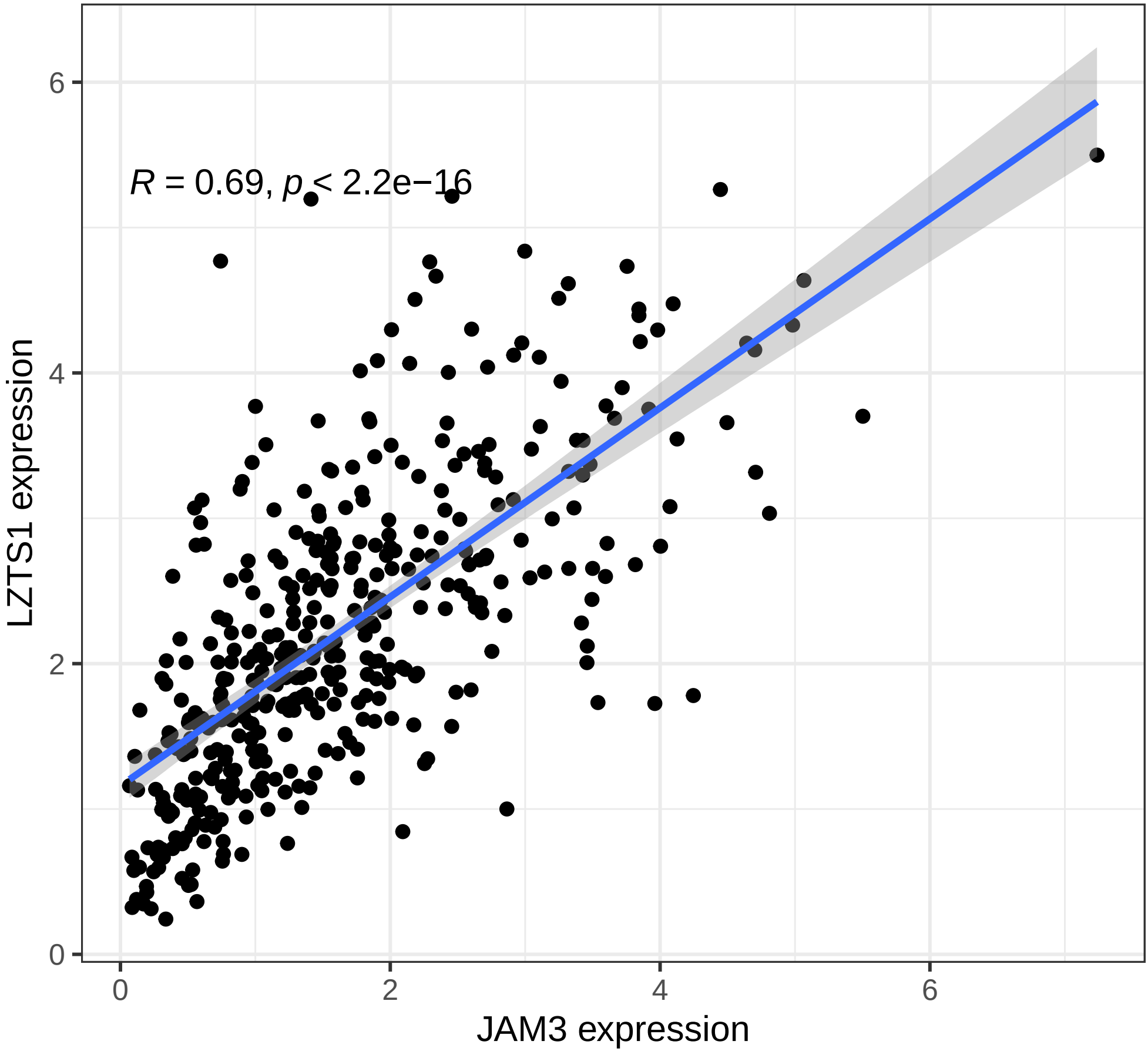

R = 0.6, p < 2.2e−16
LIMS2 expression
JAM3 expression
0
2
4
6
2
4
6

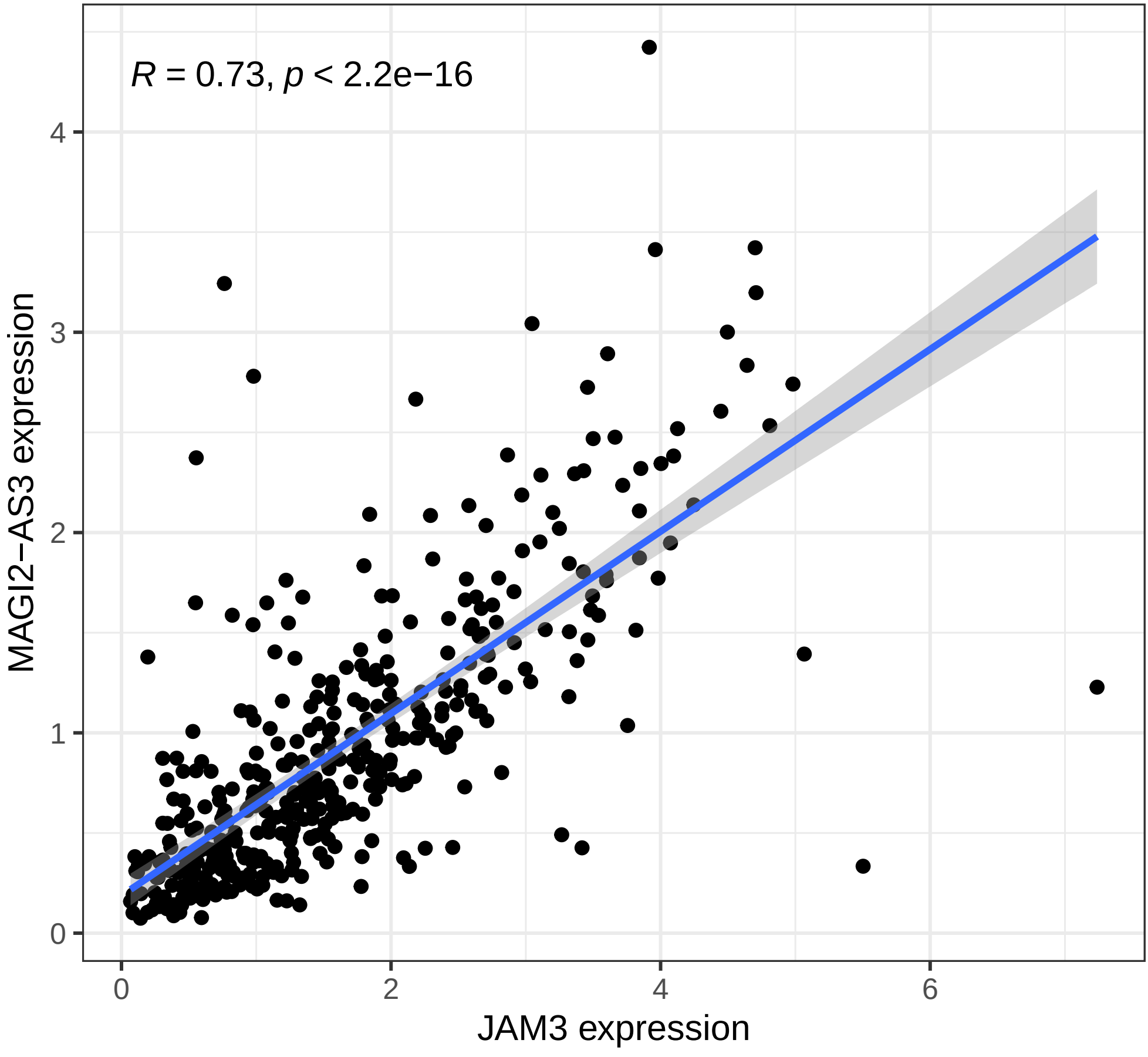

R = 0.67, p < 2.2e−16
LMOD1 expression
JAM3 expression
10.0
7.5
5.0
2.5
0.0
0
2
4
6

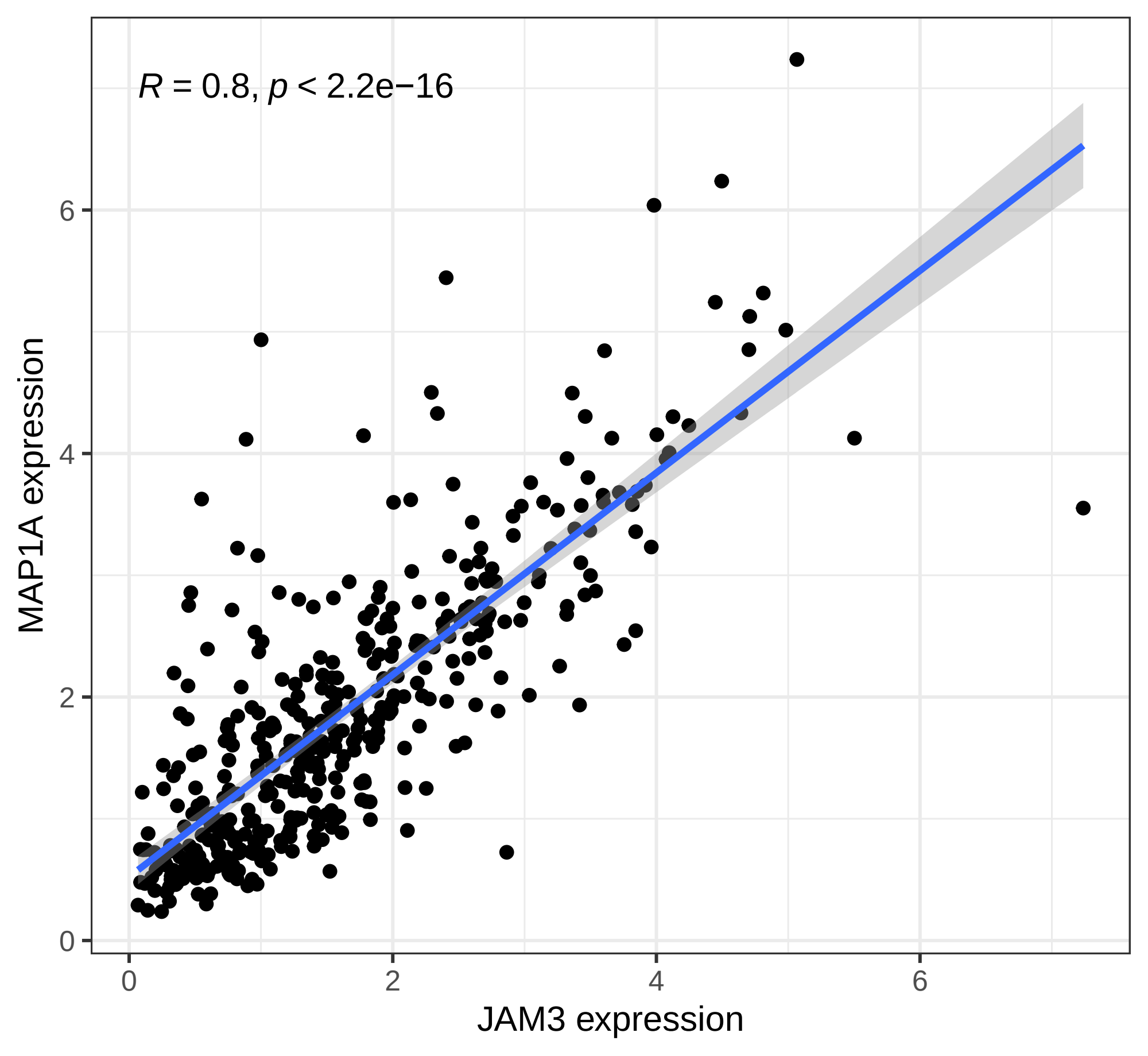

R = 0.6, p < 2.2e−16
LRCH2 expression
JAM3 expression
0
2
4
0
2
4
6

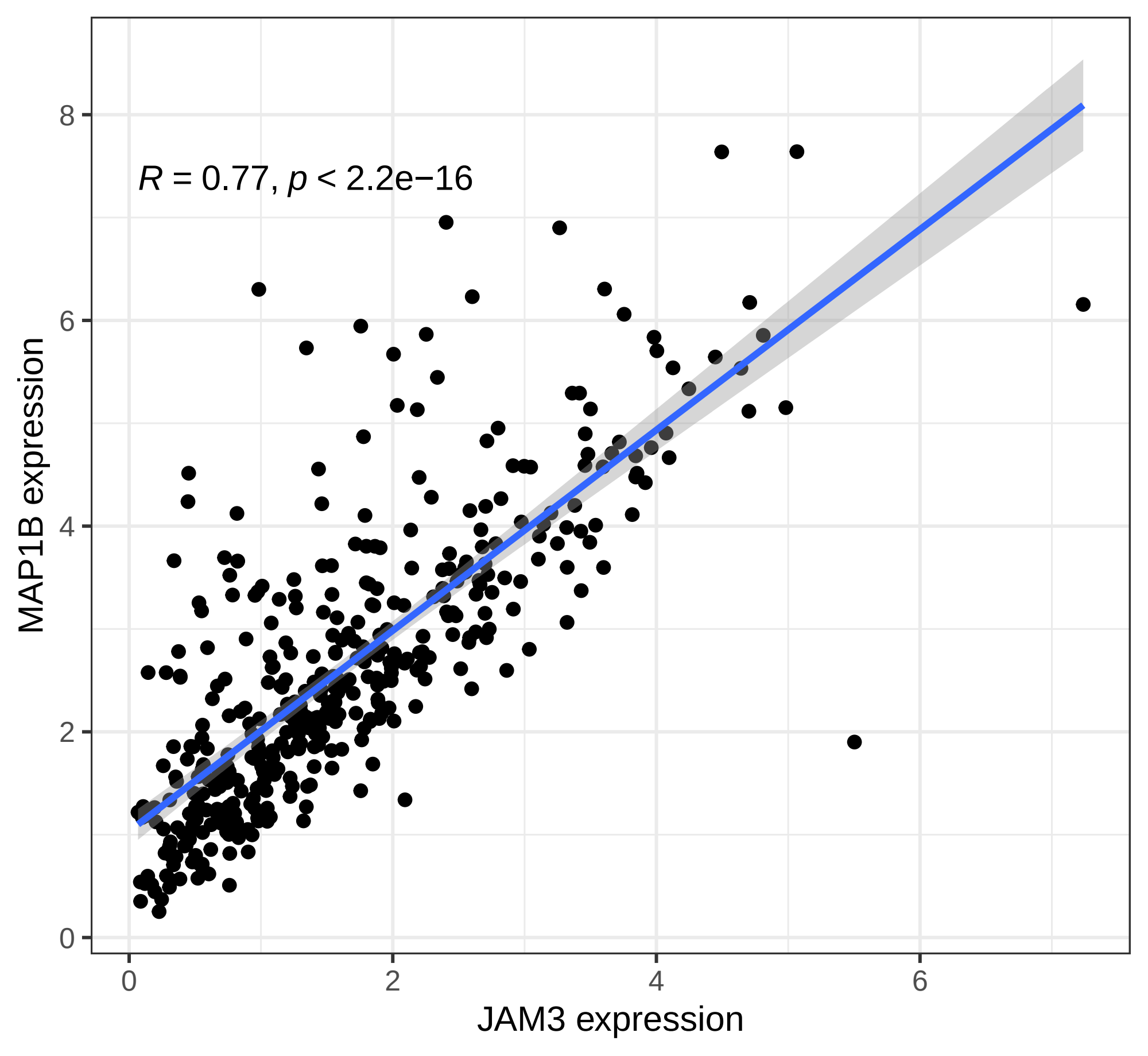

R = 0.72, p < 2.2e−16
7.5
5.0
2.5
LRRC32 expression
0
2
4
6
JAM3 expression

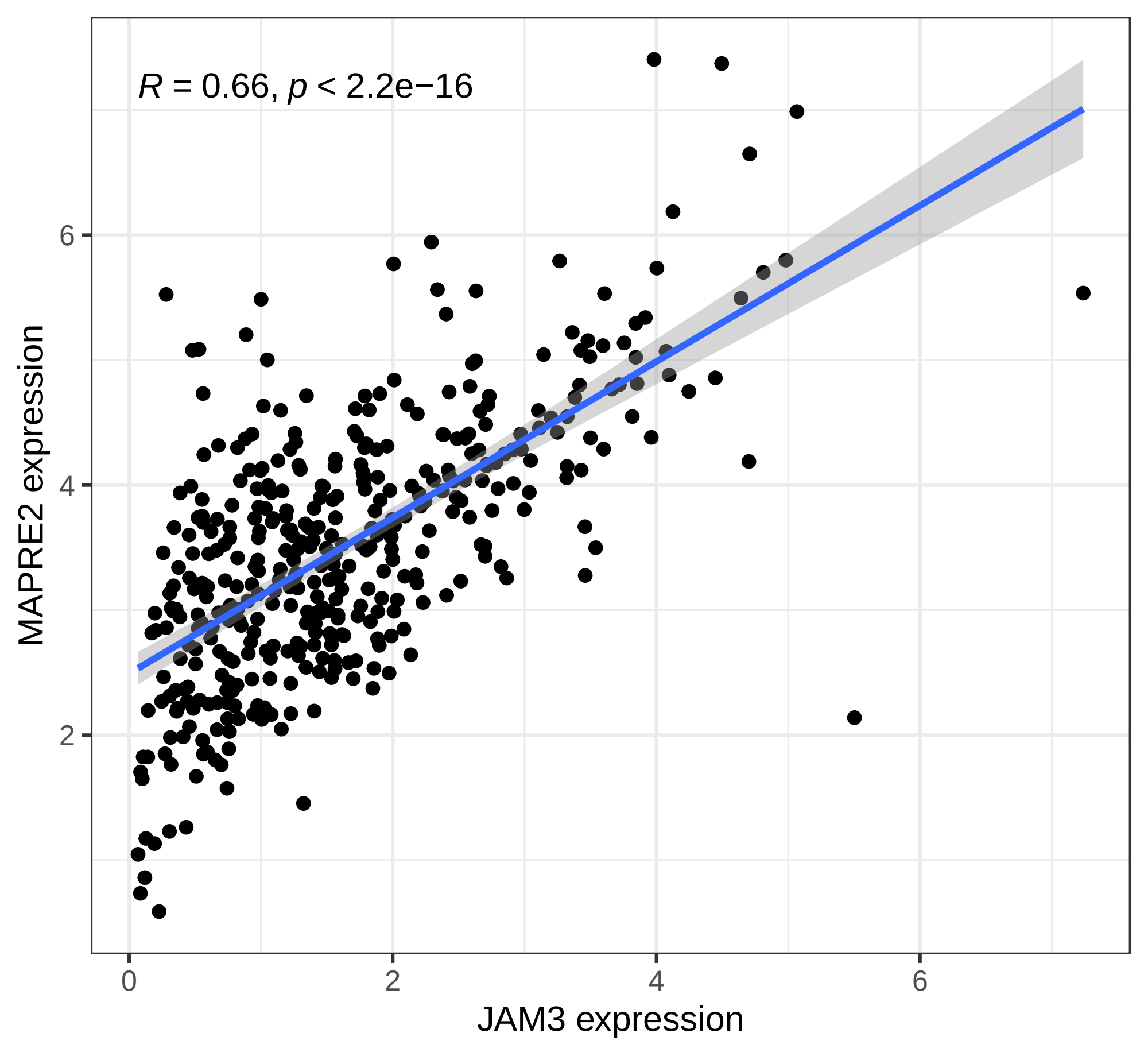

R = 0.63, p < 2.2e−16
LRRK2 expression
JAM3 expression
0
1
2
3
4
0
2
4
6

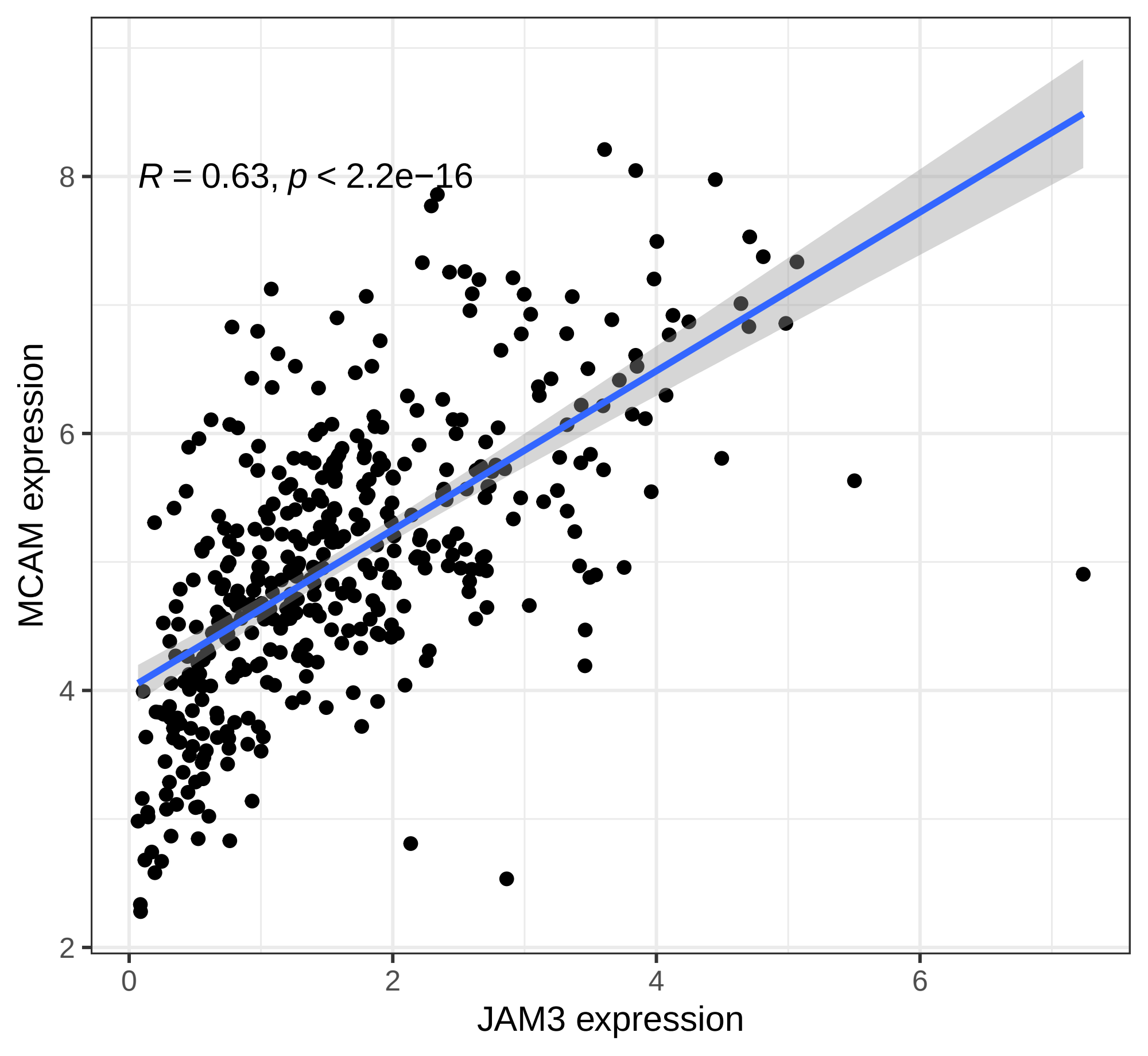

R = 0.69, p < 2.2e−16
LZTS1 expression
JAM3 expression
0
2
4
6
0
2
4
6

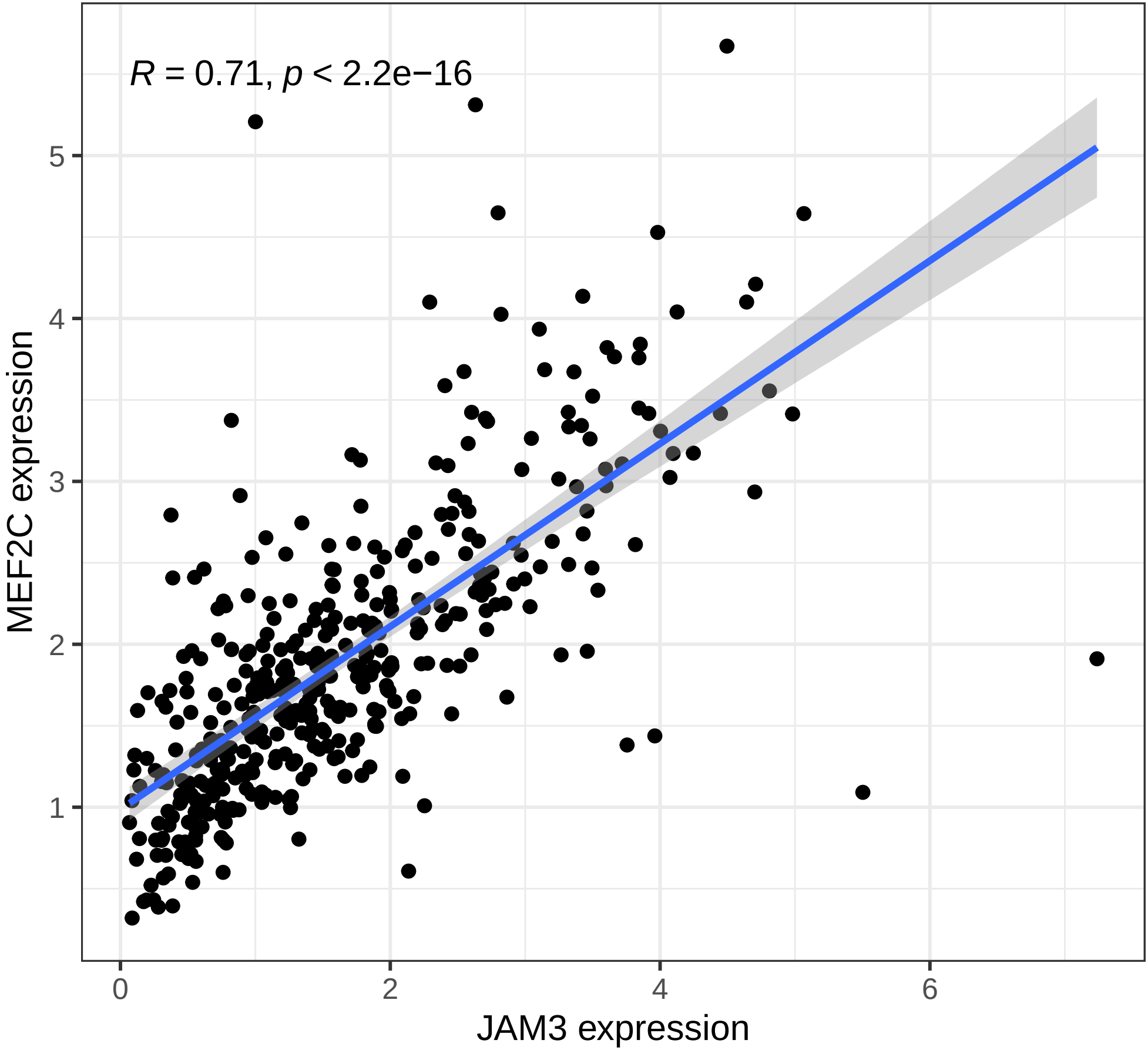

R = 0.73, p < 2.2e−16
MAGI2−AS3 expression
JAM3 expression
0
1
2
3
4
0
2
4
6

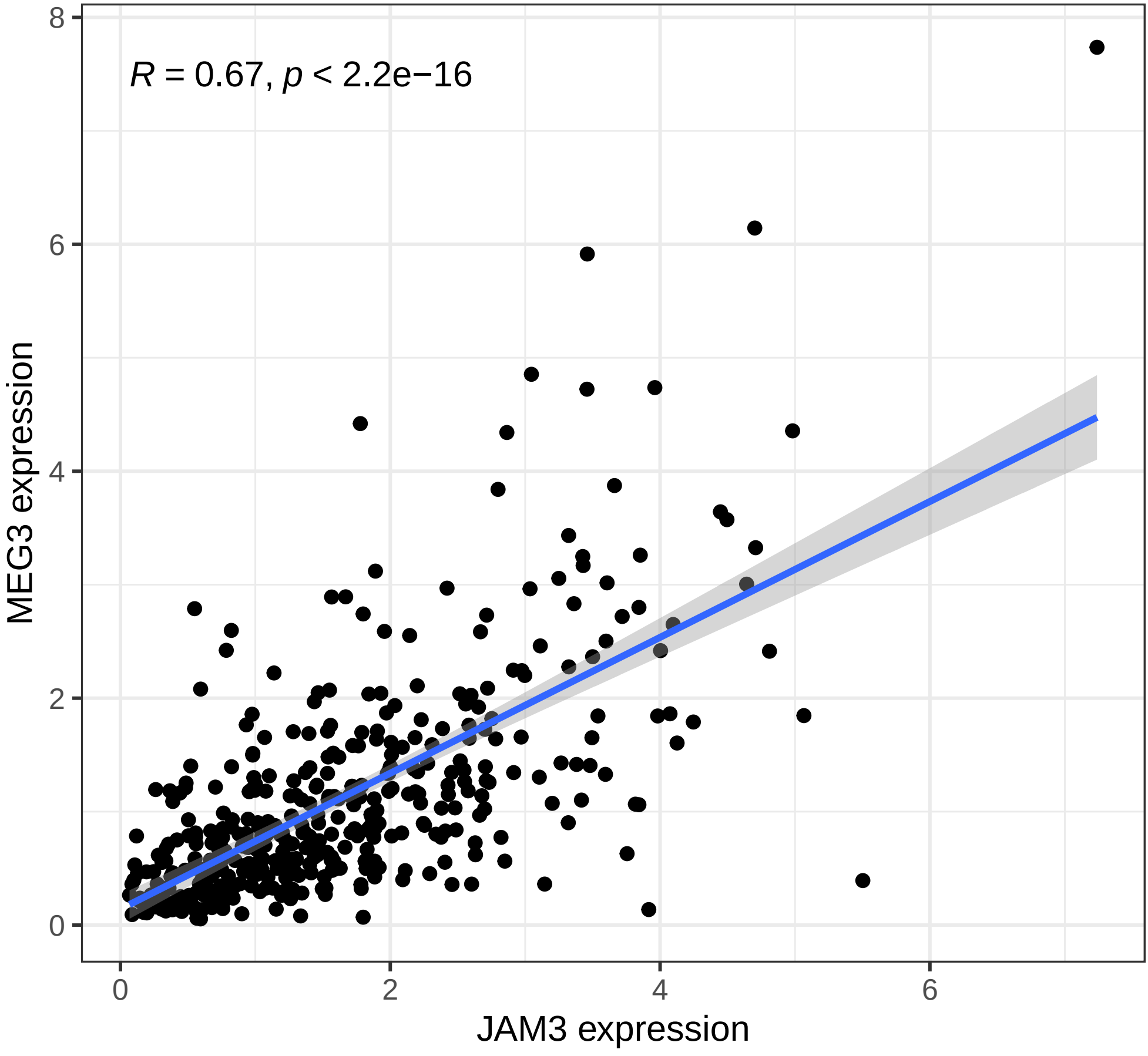

R = 0.8, p < 2.2e−16
MAP1A expression
JAM3 expression
0
2
4
6
0
2
4
6

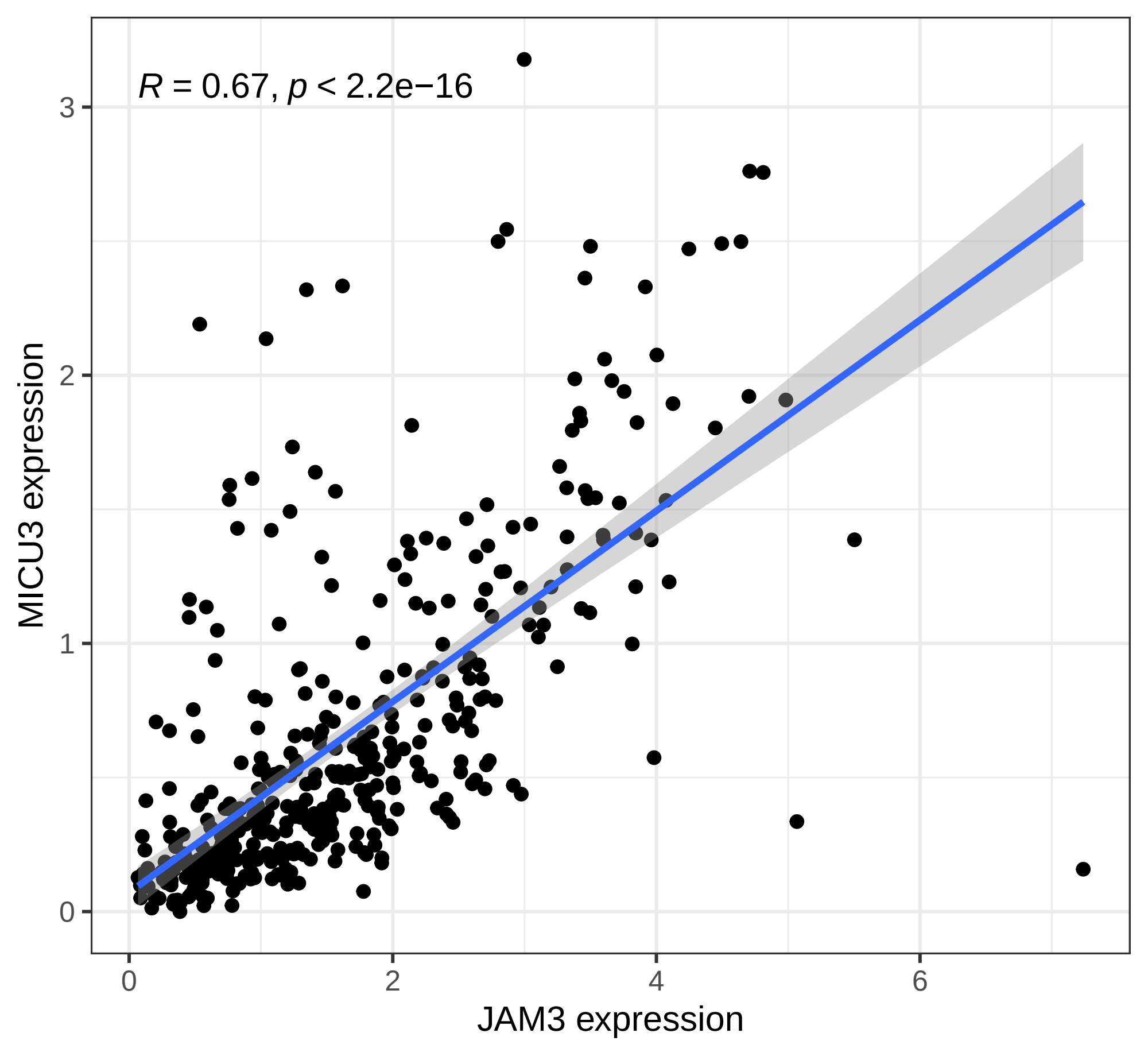

R = 0.77, p < 2.2e−16
MAP1B expression
JAM3 expression
0
2
4
6
8
0
2
4
6

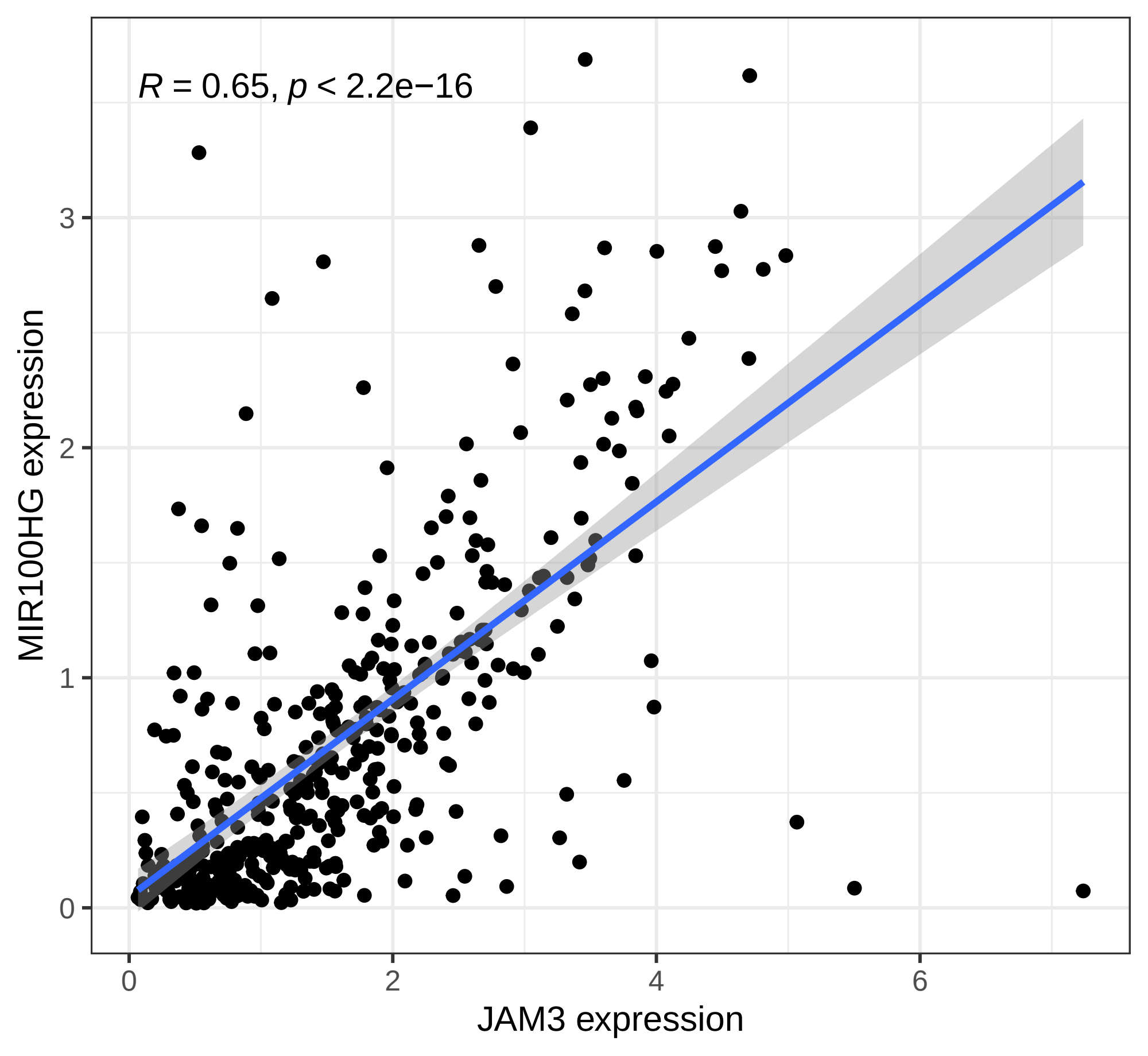

R = 0.66, p < 2.2e−16
MAPRE2 expression
JAM3 expression
0
2
4
6
2
4
6

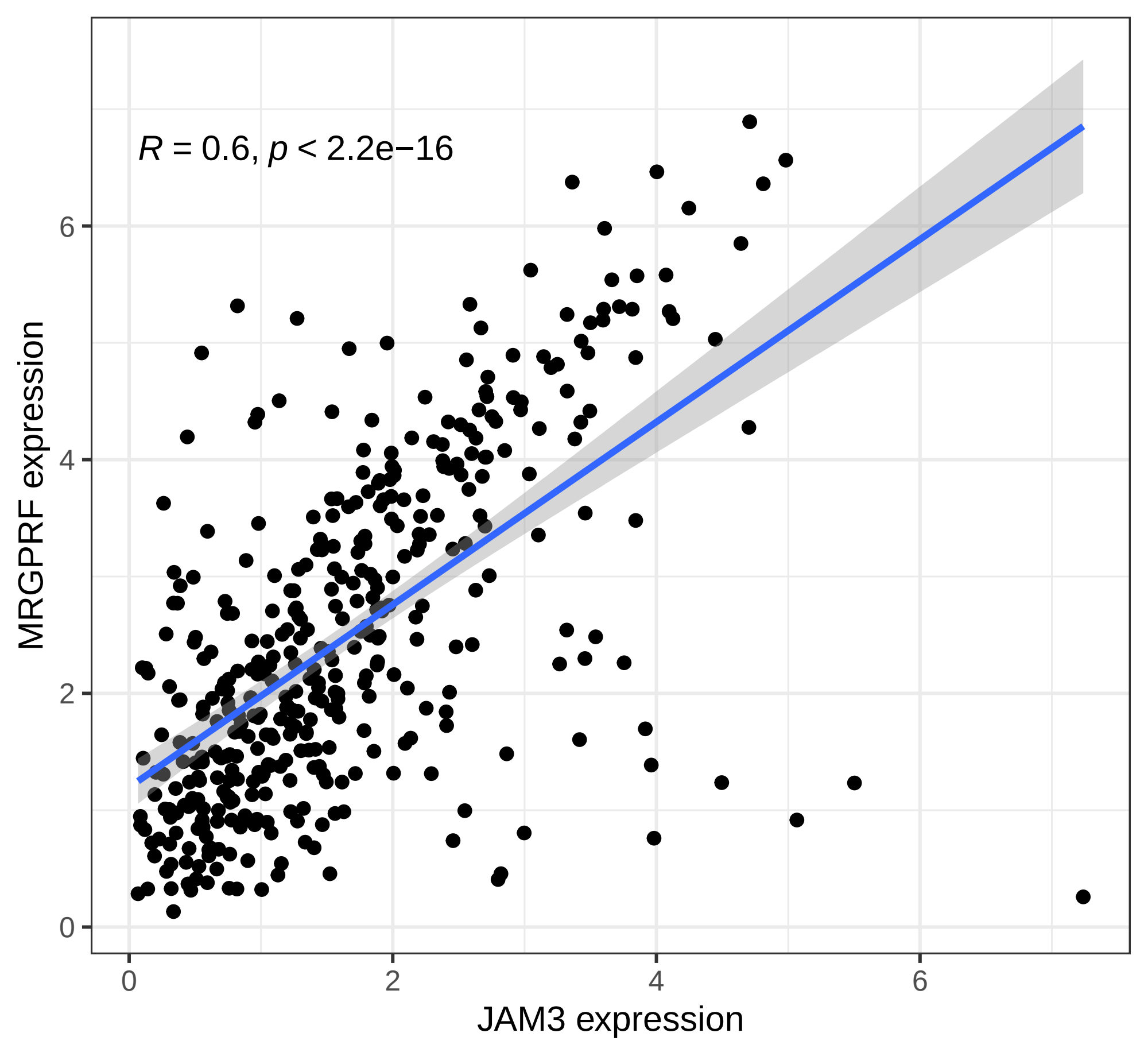

R = 0.63, p < 2.2e−16
MCAM expression
JAM3 expression
8
6
4
2
0
2
4
6

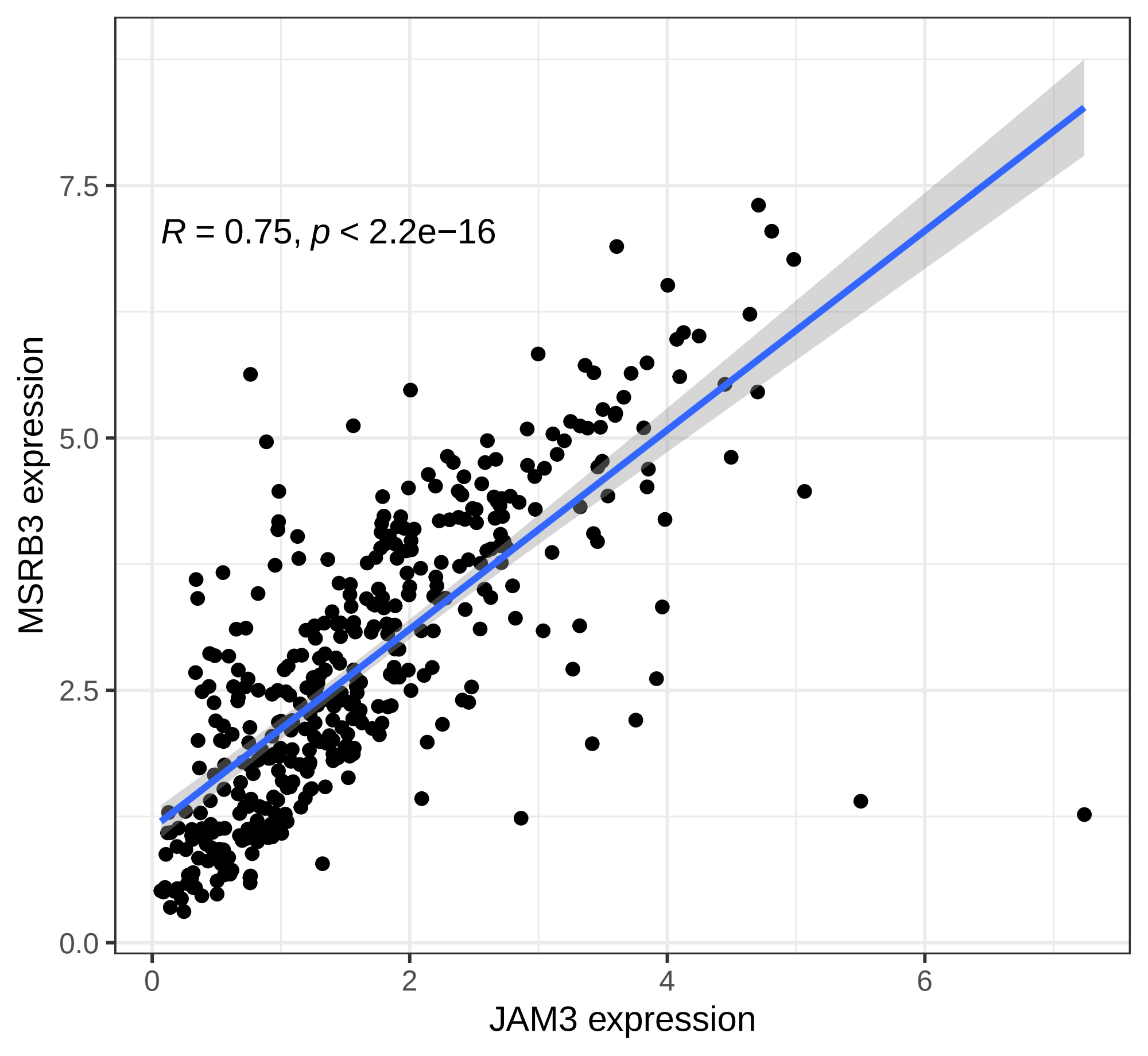

R = 0.71, p < 2.2e−16
MEF2C expression
JAM3 expression
0
2
4
6
1
2
3
4
5

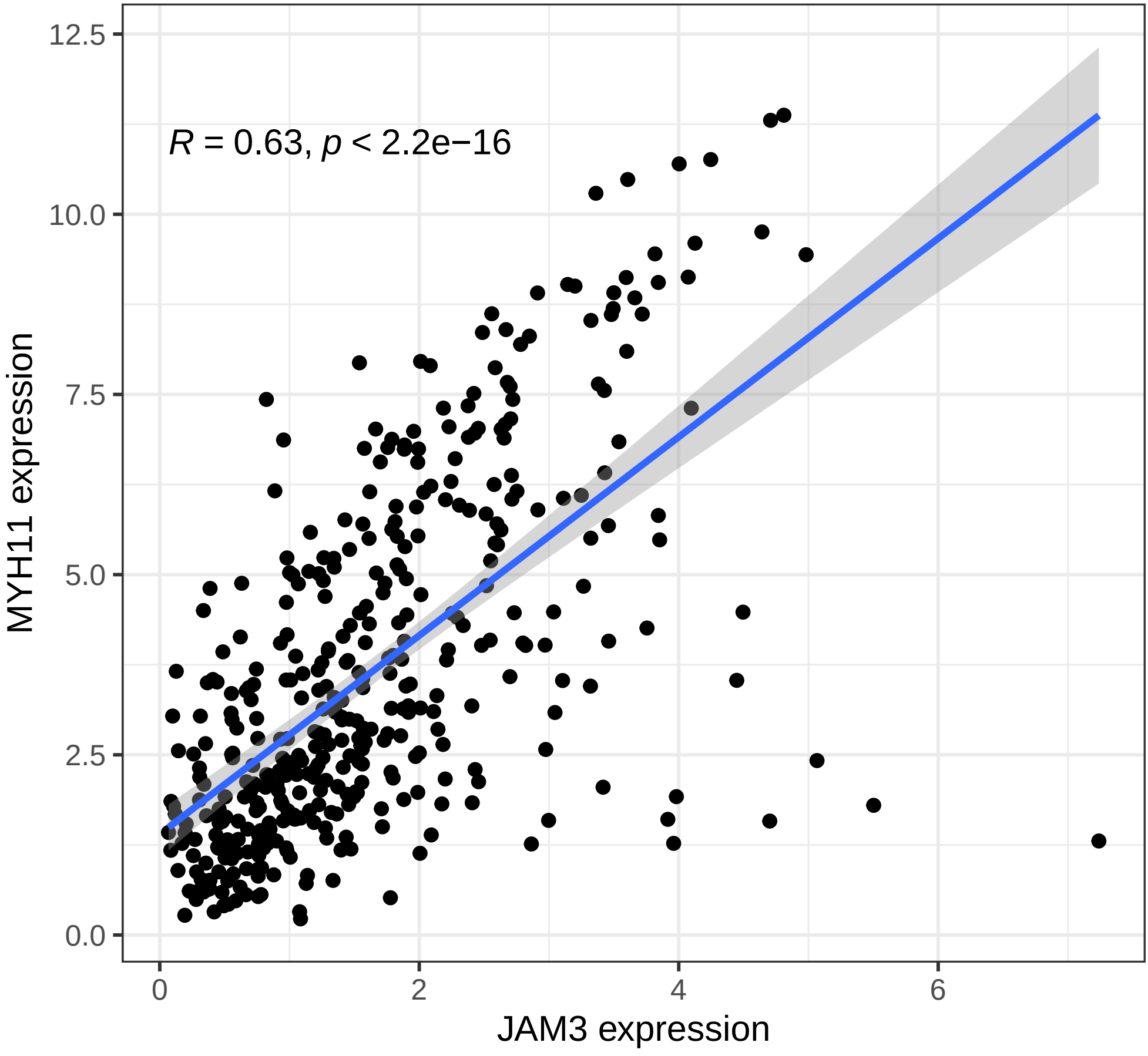

R = 0.67, p < 2.2e−16
MEG3 expression
JAM3 expression
0
2
4
6
8

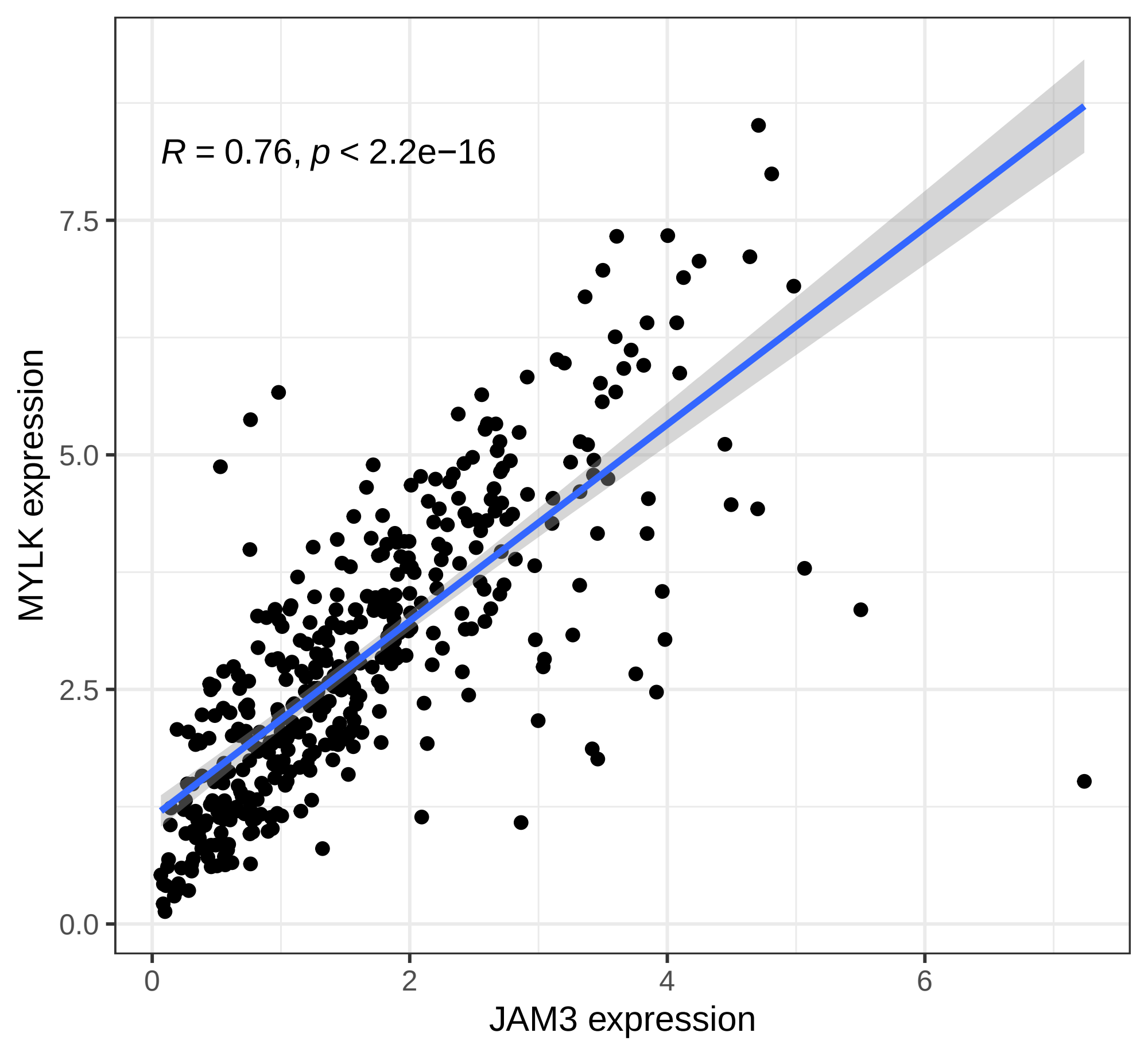

R = 0.67, p < 2.2e−16
MICU3 expression
JAM3 expression
0
1
2
3
0
2
4
6

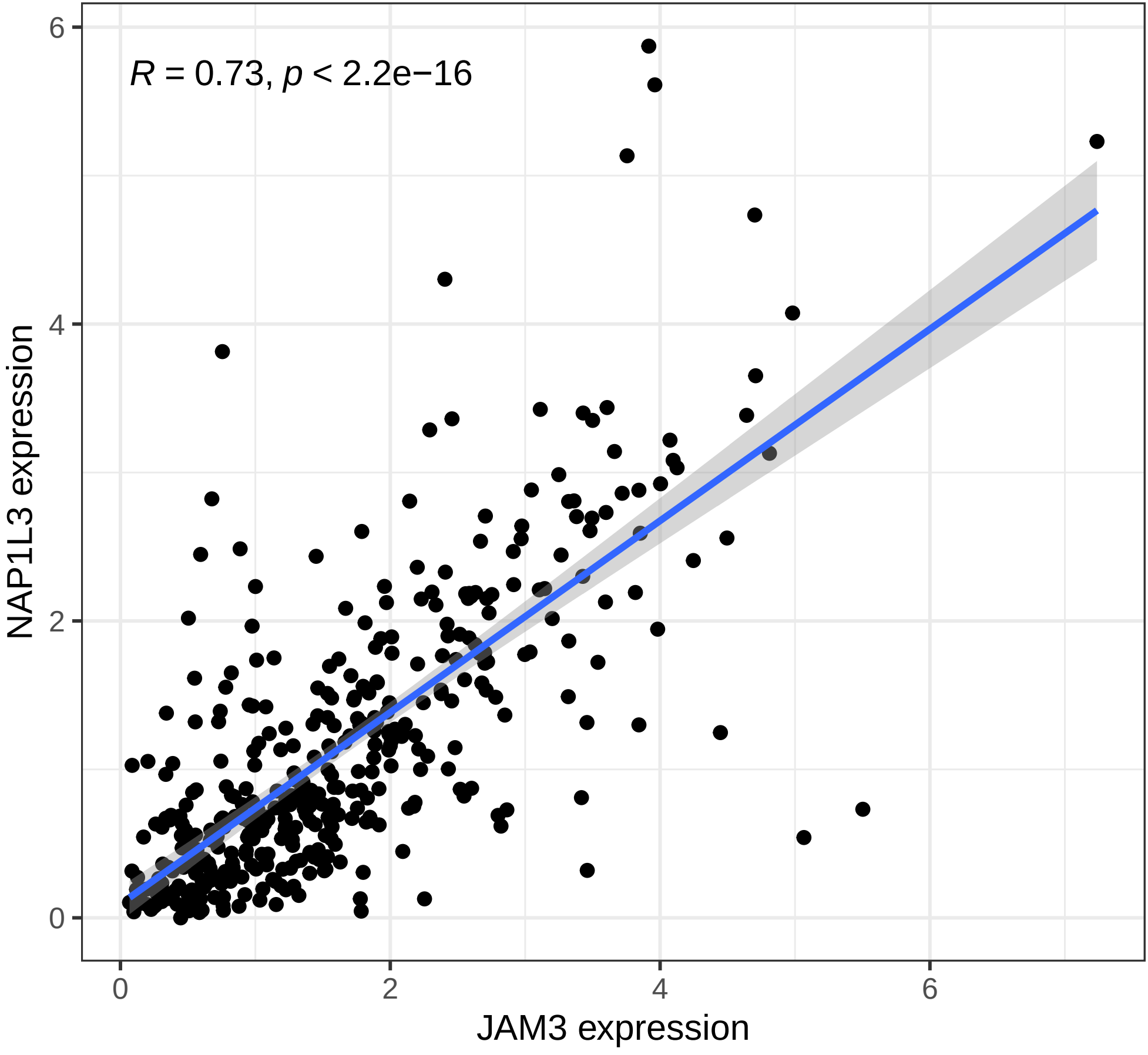

R = 0.65, p < 2.2e−16
MIR100HG expression
JAM3 expression
0
1
2
3
0
2
4
6

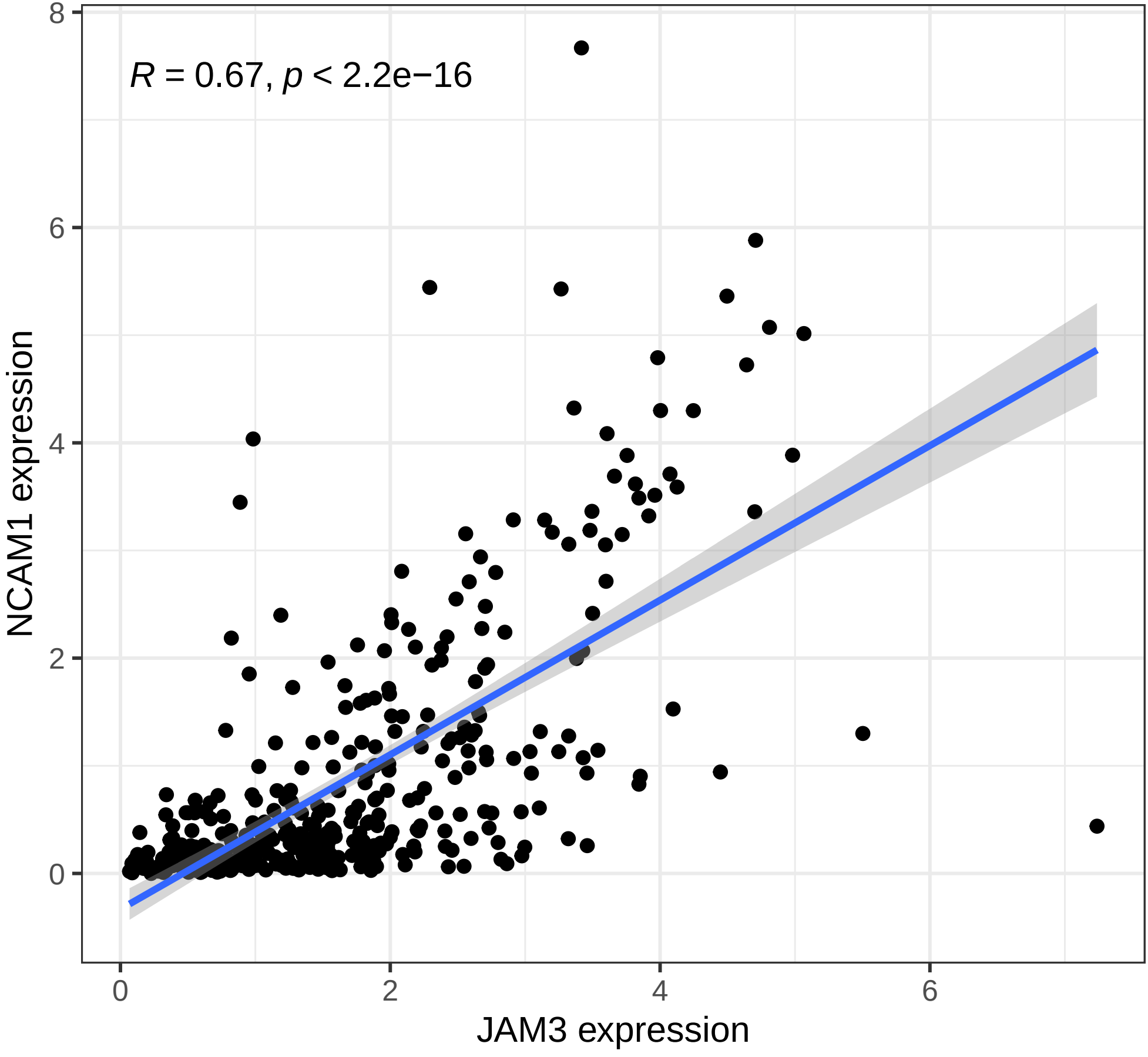

R = 0.6, p < 2.2e−16
MRGPRF expression
JAM3 expression
0
2
4
6
0
2
4
6

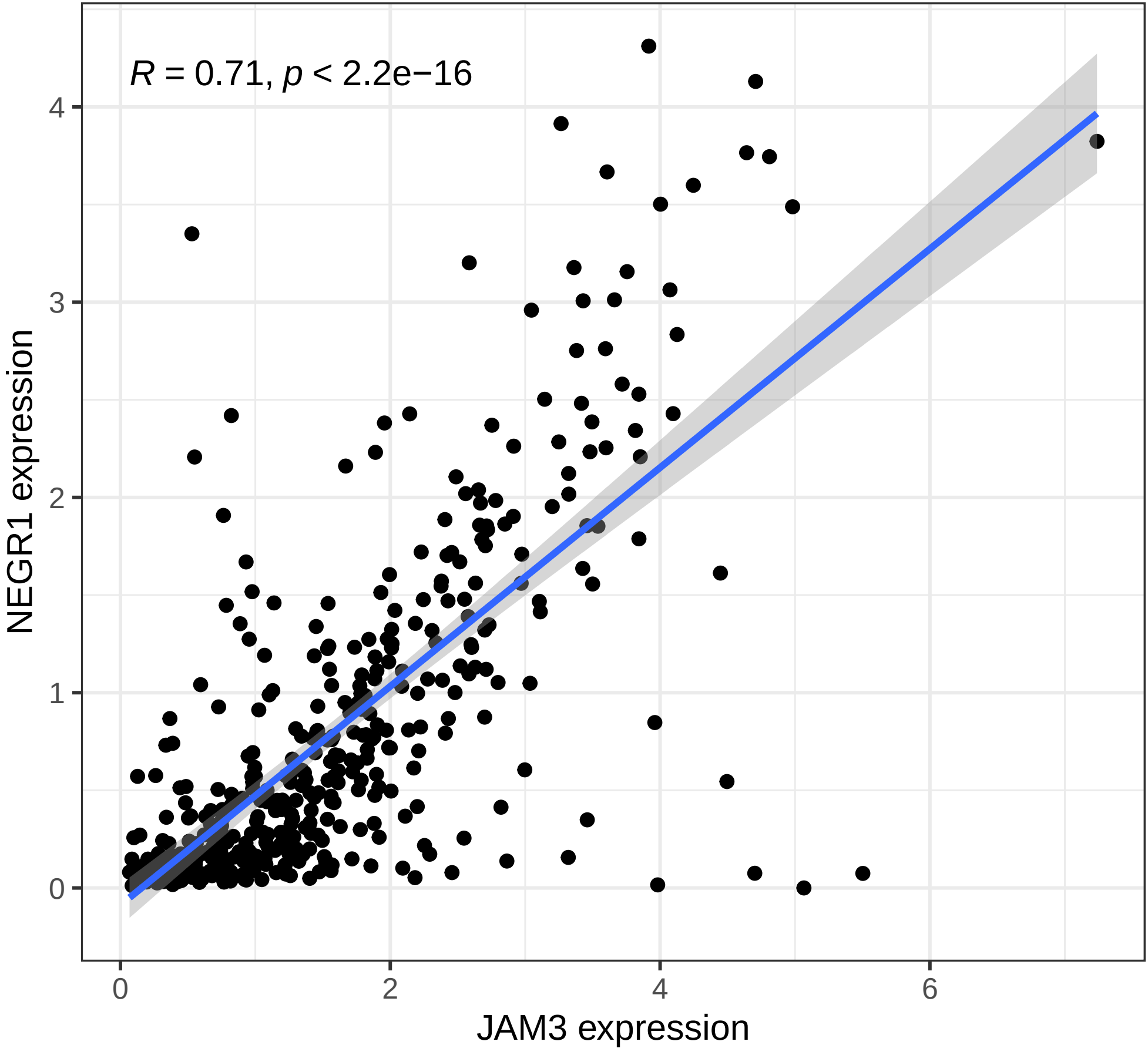

R = 0.75, p < 2.2e−16
MSRB3 expression
JAM3 expression
0.0
2.5
5.0
7.5
0
2
4
6

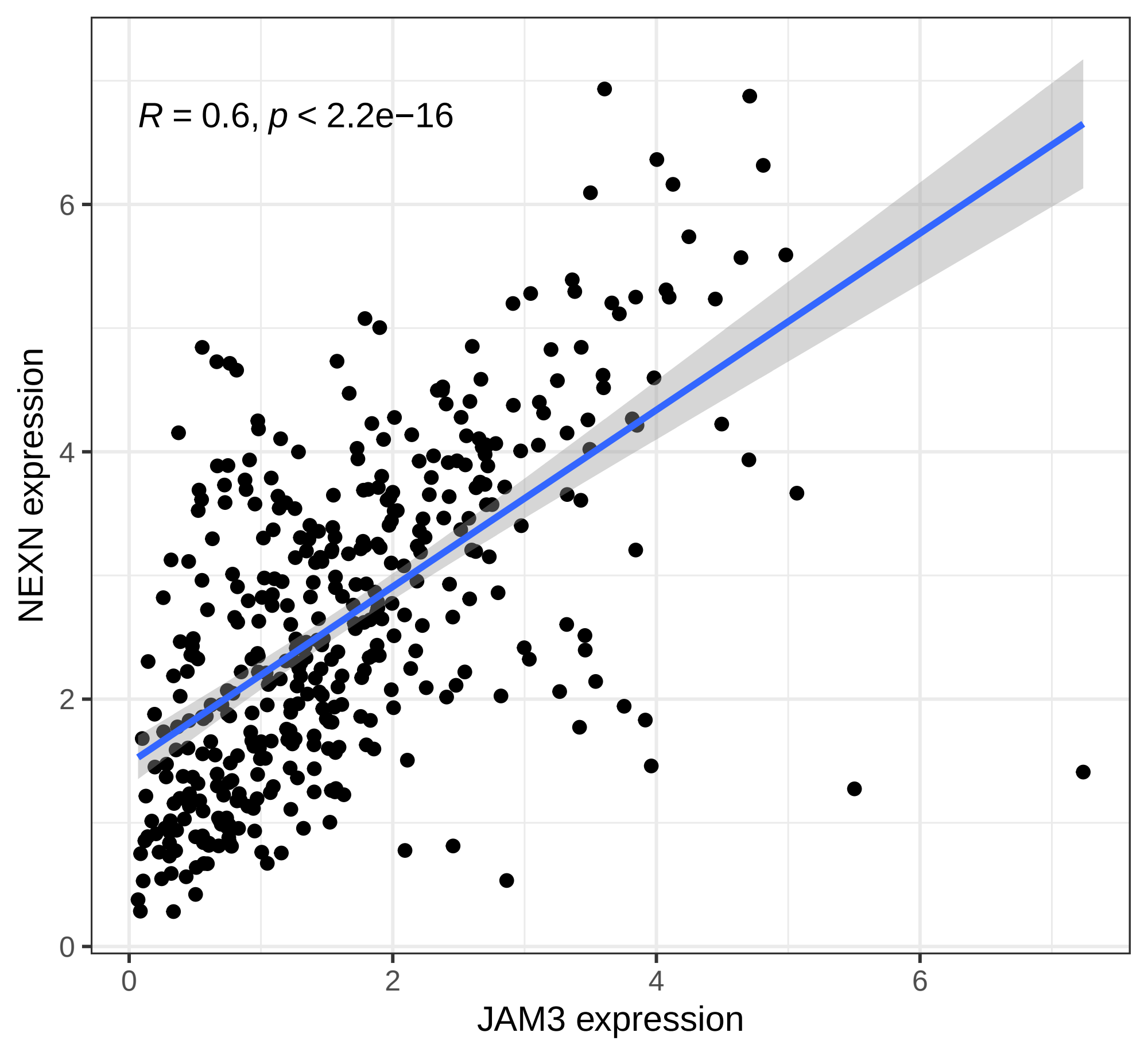

R = 0.63, p < 2.2e−16
MYH11 expression
JAM3 expression
12.5
10.0
7.5
5.0
2.5
0.0
0
2
4
6

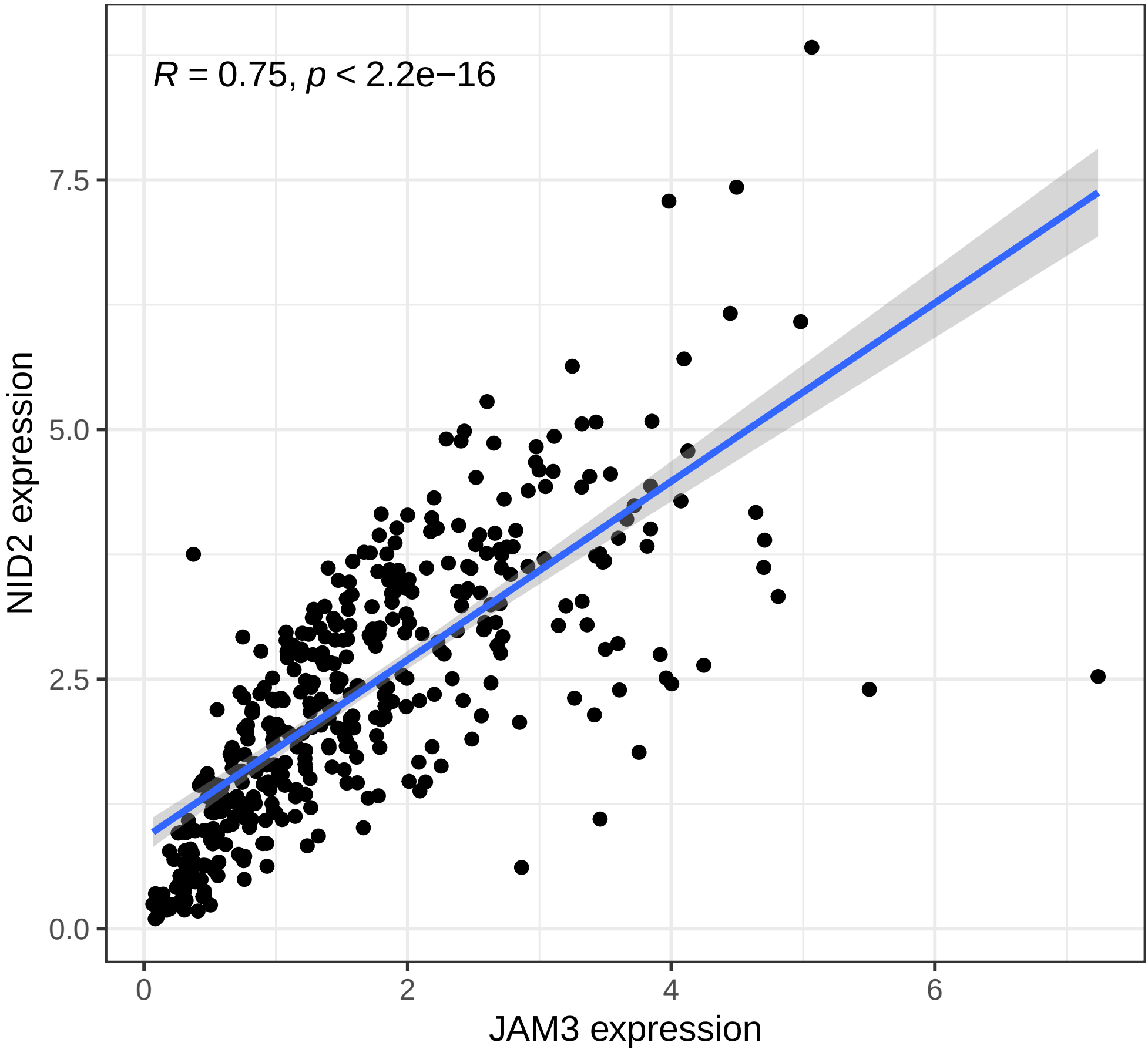

R = 0.76, p < 2.2e−16
MYLK expression
JAM3 expression
0.0
2.5
5.0
7.5
0
2
4
6

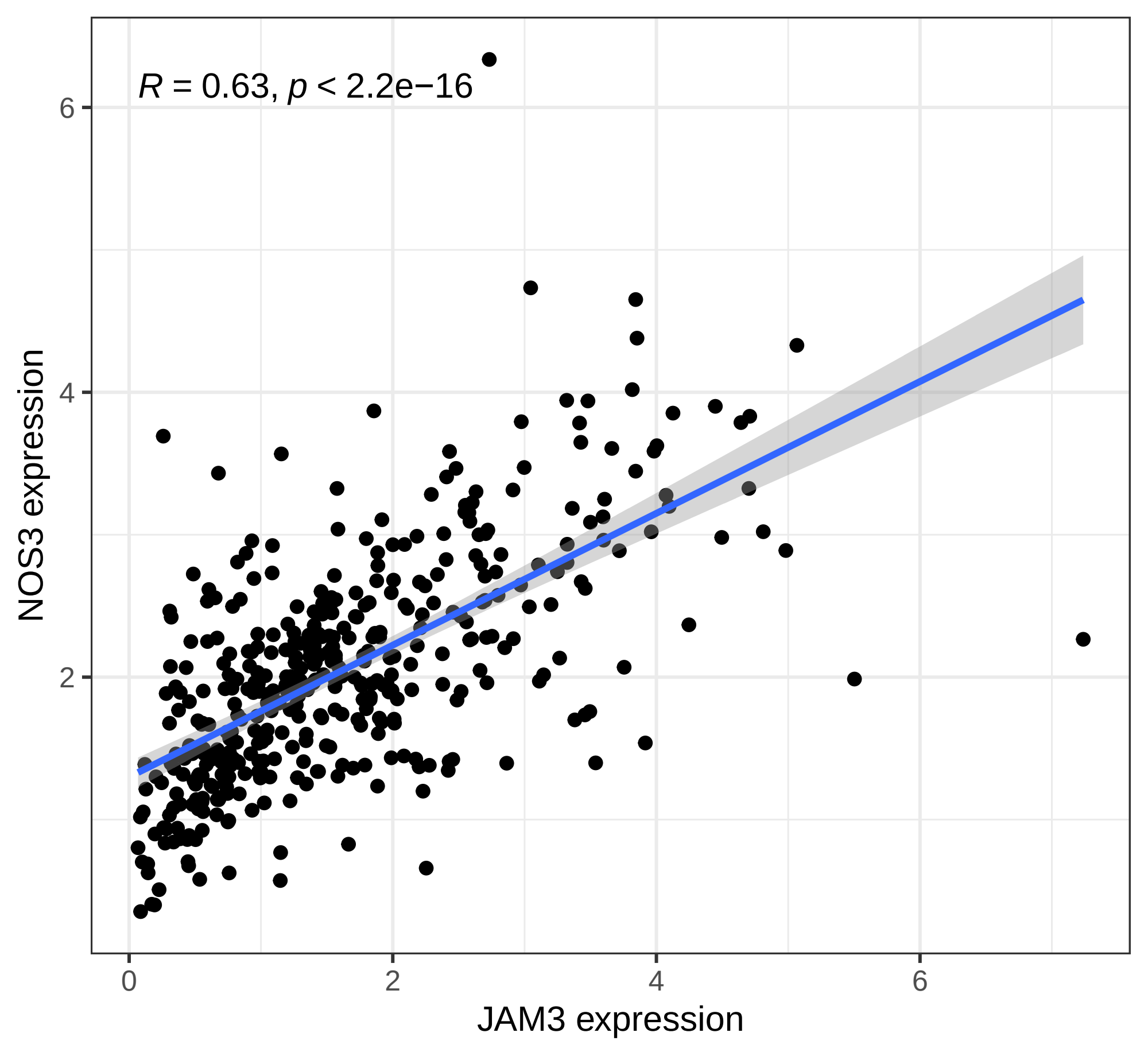

R = 0.73, p < 2.2e−16
NAP1L3 expression
JAM3 expression
0
2
4
6
0
2
4
6

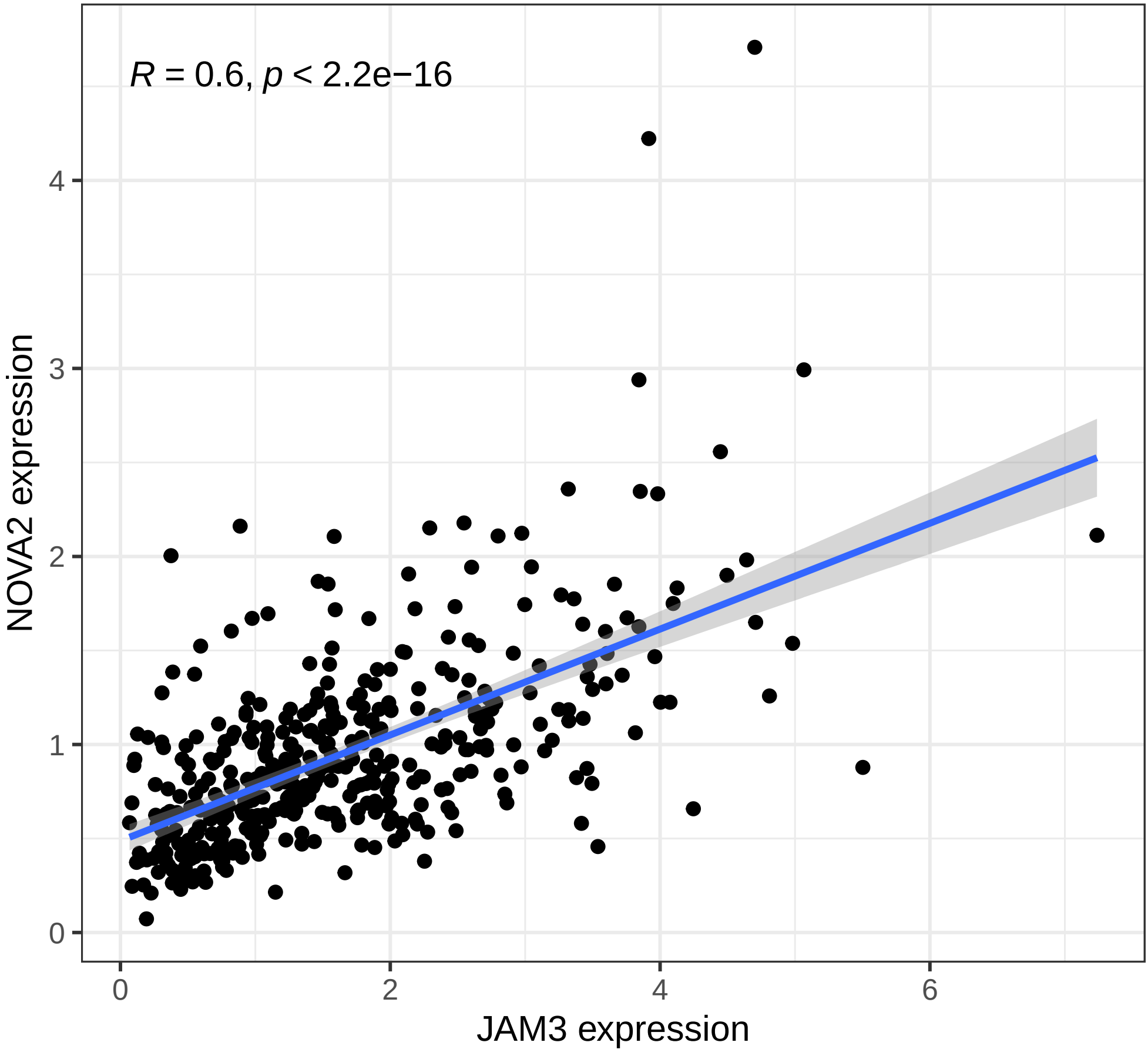

R = 0.67, p < 2.2e−16
NCAM1 expression
JAM3 expression
0
2
4
6
8

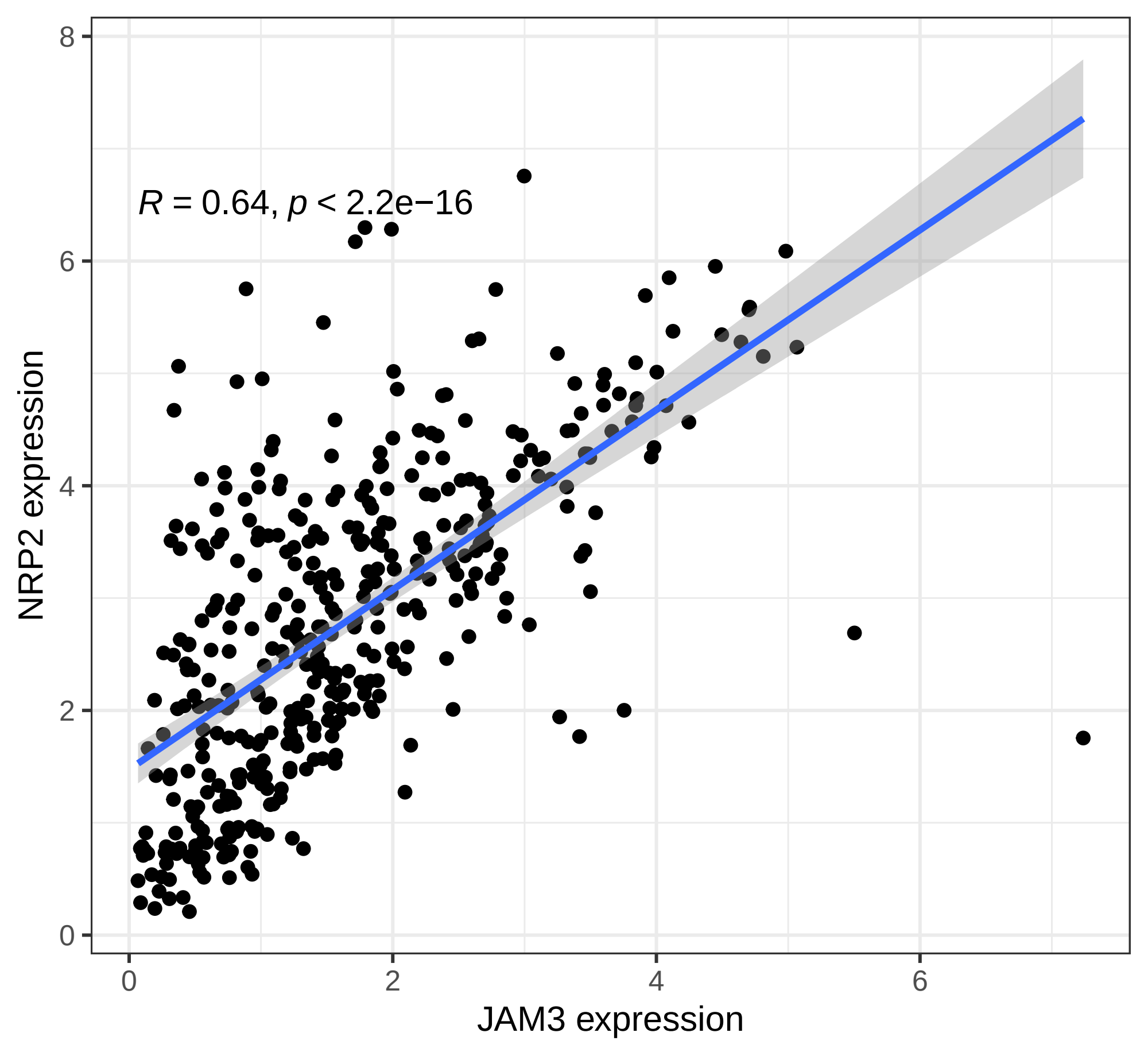

R = 0.71, p < 2.2e−16
NEGR1 expression
JAM3 expression
0
1
2
3
4
0
2
4
6

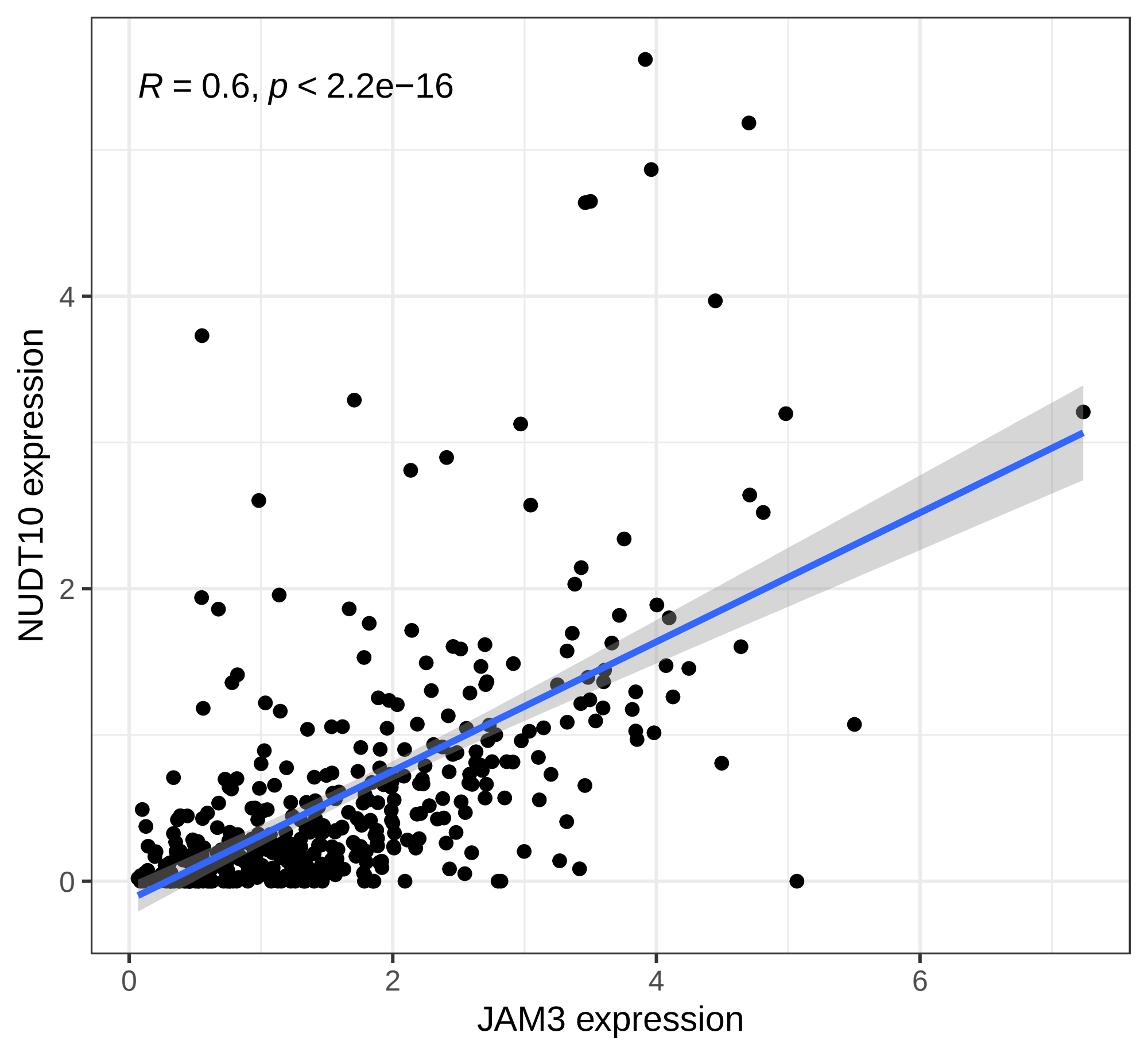

R = 0.6, p < 2.2e−16
NEXN expression
JAM3 expression
0
2
4
6
0
2
4
6

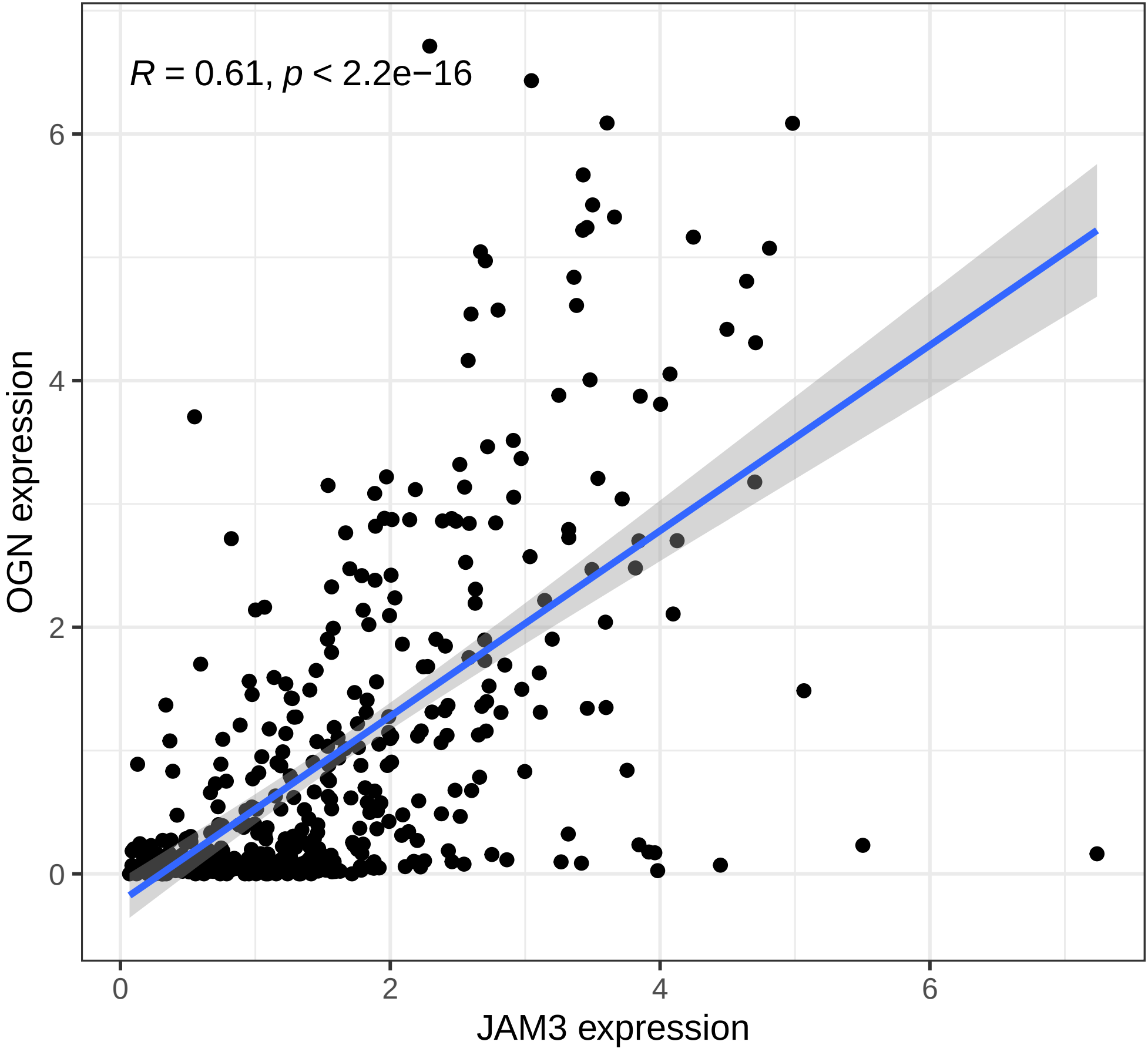

R = 0.75, p < 2.2e−16
NID2 expression
JAM3 expression
0.0
2.5
5.0
7.5
0
2
4
6

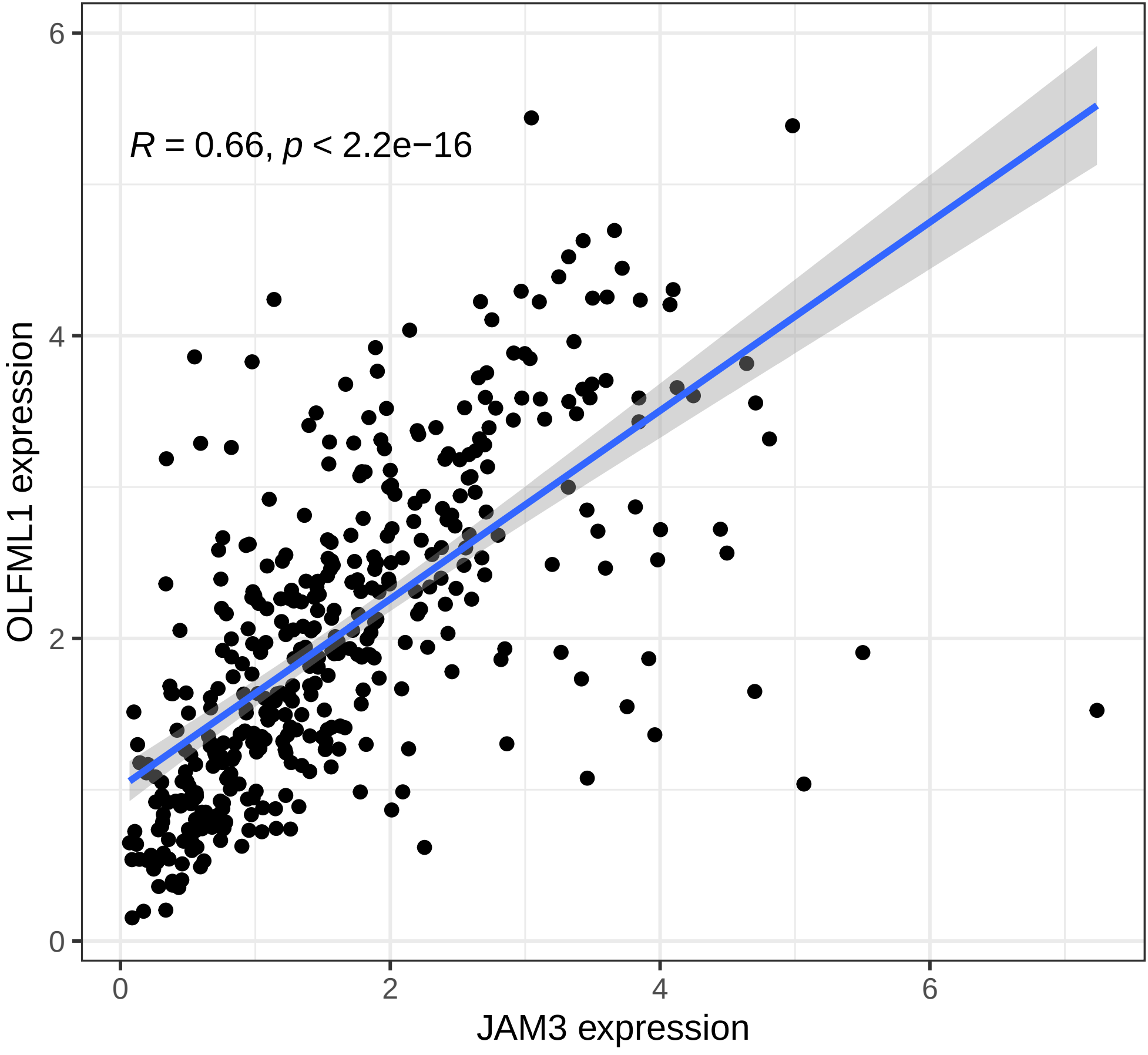

R = 0.63, p < 2.2e−16
NOS3 expression
JAM3 expression
0
2
4
6
2
4
6

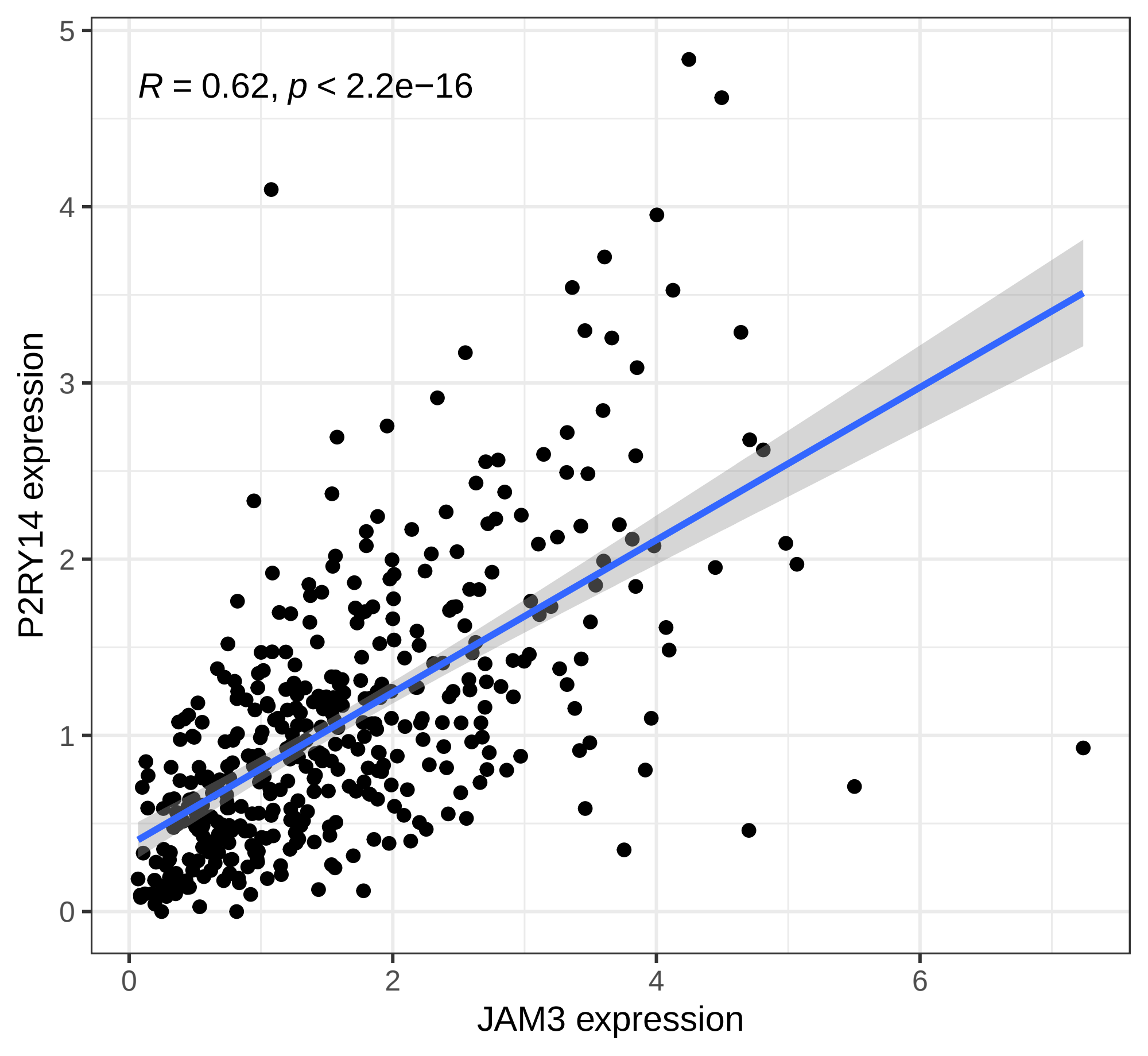

R = 0.6, p < 2.2e−16
NOVA2 expression
JAM3 expression
0
1
2
3
4
0
2
4
6

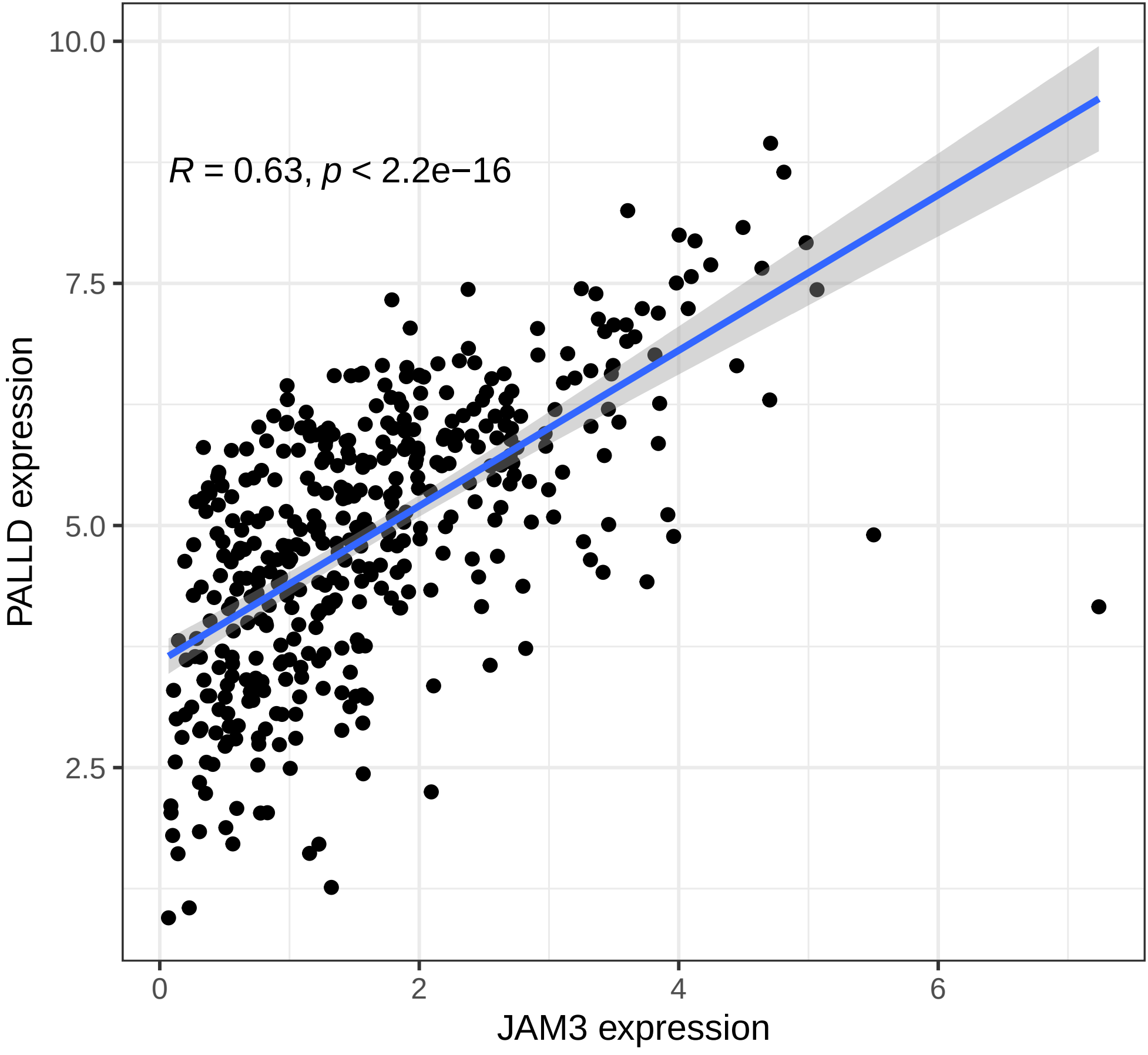

R = 0.64, p < 2.2e−16
NRP2 expression
JAM3 expression
0
2
4
6
8

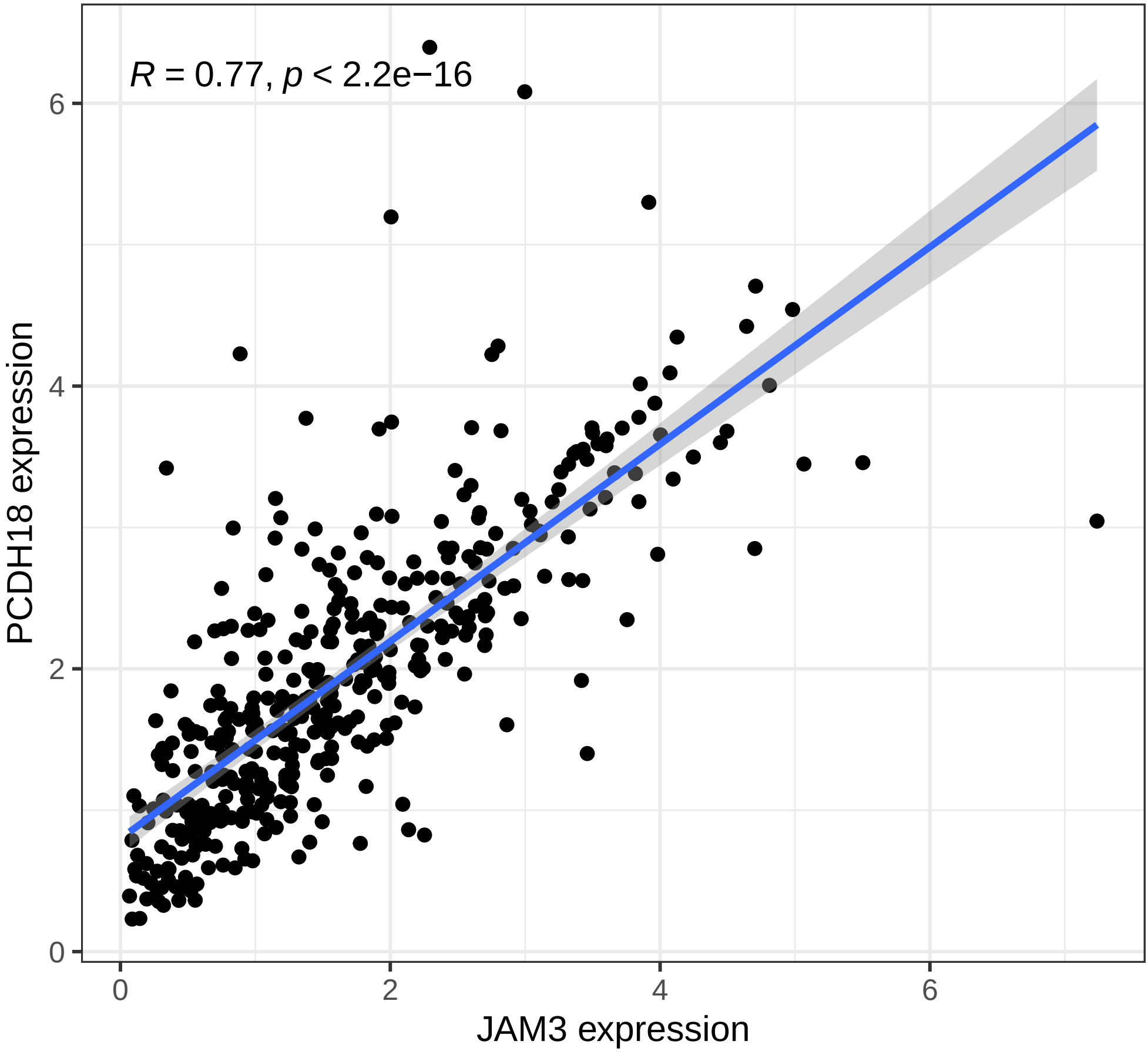

R = 0.6, p < 2.2e−16
NUDT10 expression
JAM3 expression
0
2
4
6
0
2
4

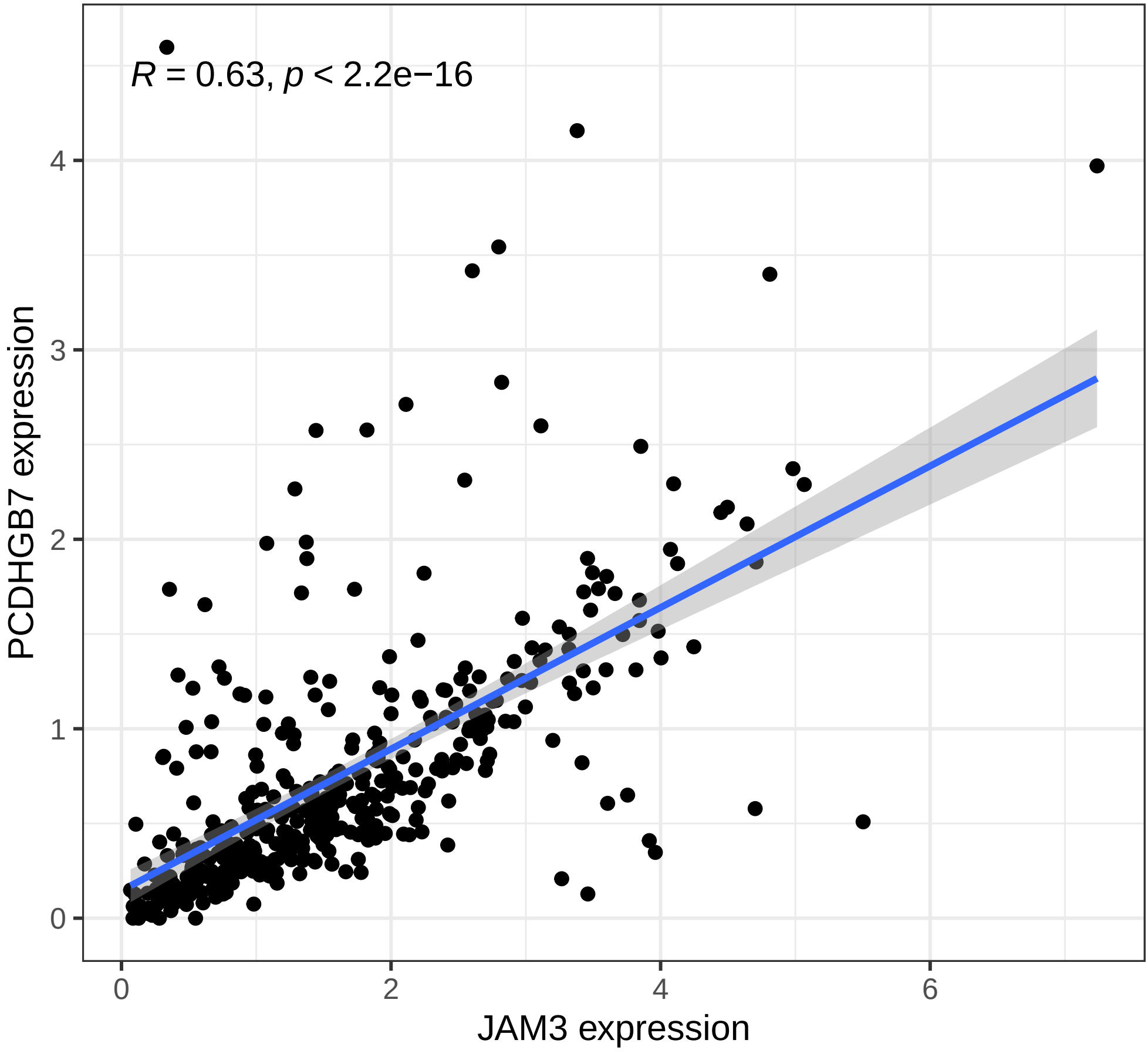

R = 0.61, p < 2.2e−16
OGN expression
JAM3 expression
0
2
4
6
0
2
4
6

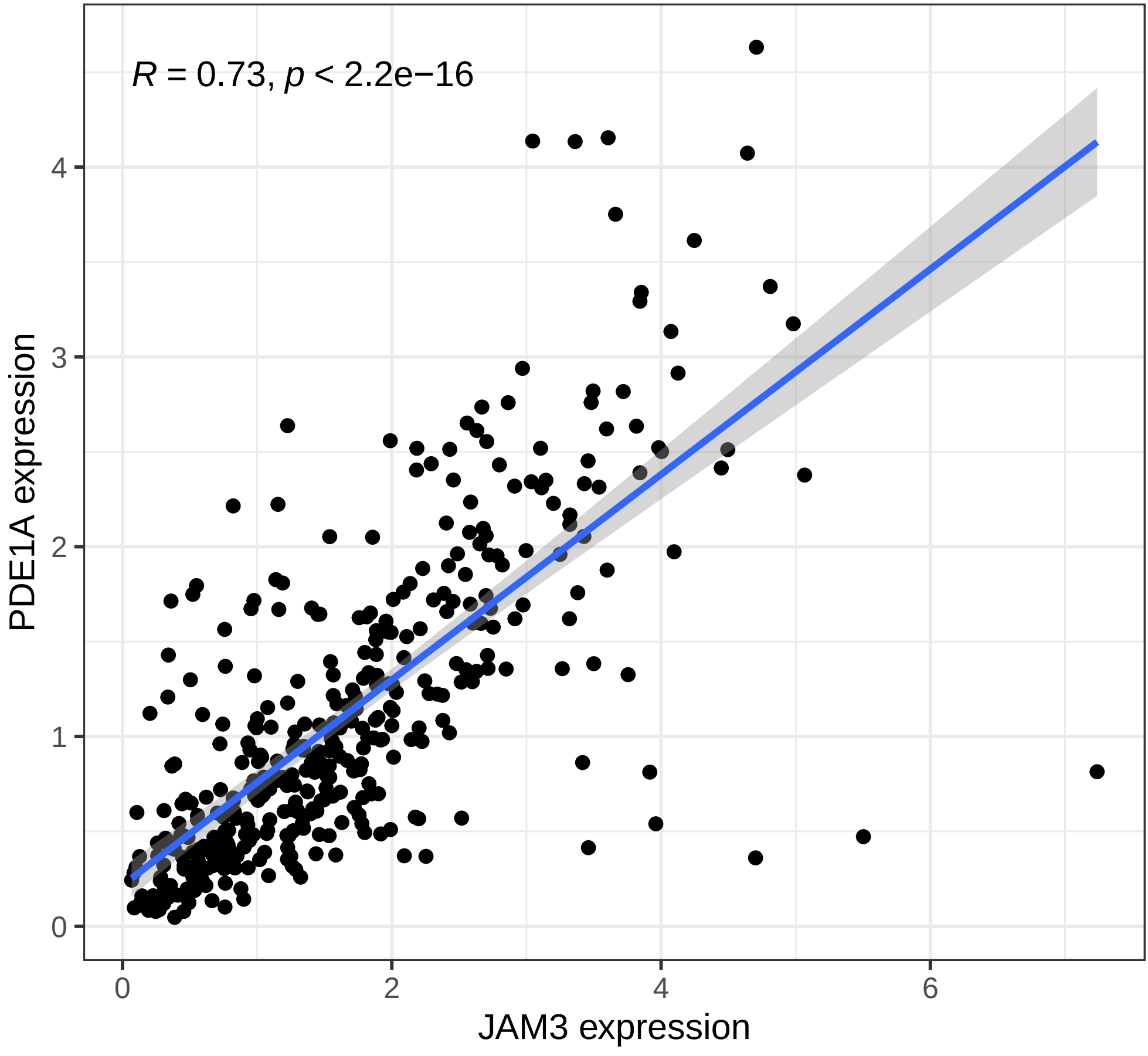

R = 0.66, p < 2.2e−16
OLFML1 expression
JAM3 expression
0
2
4
6
0
2
4
6

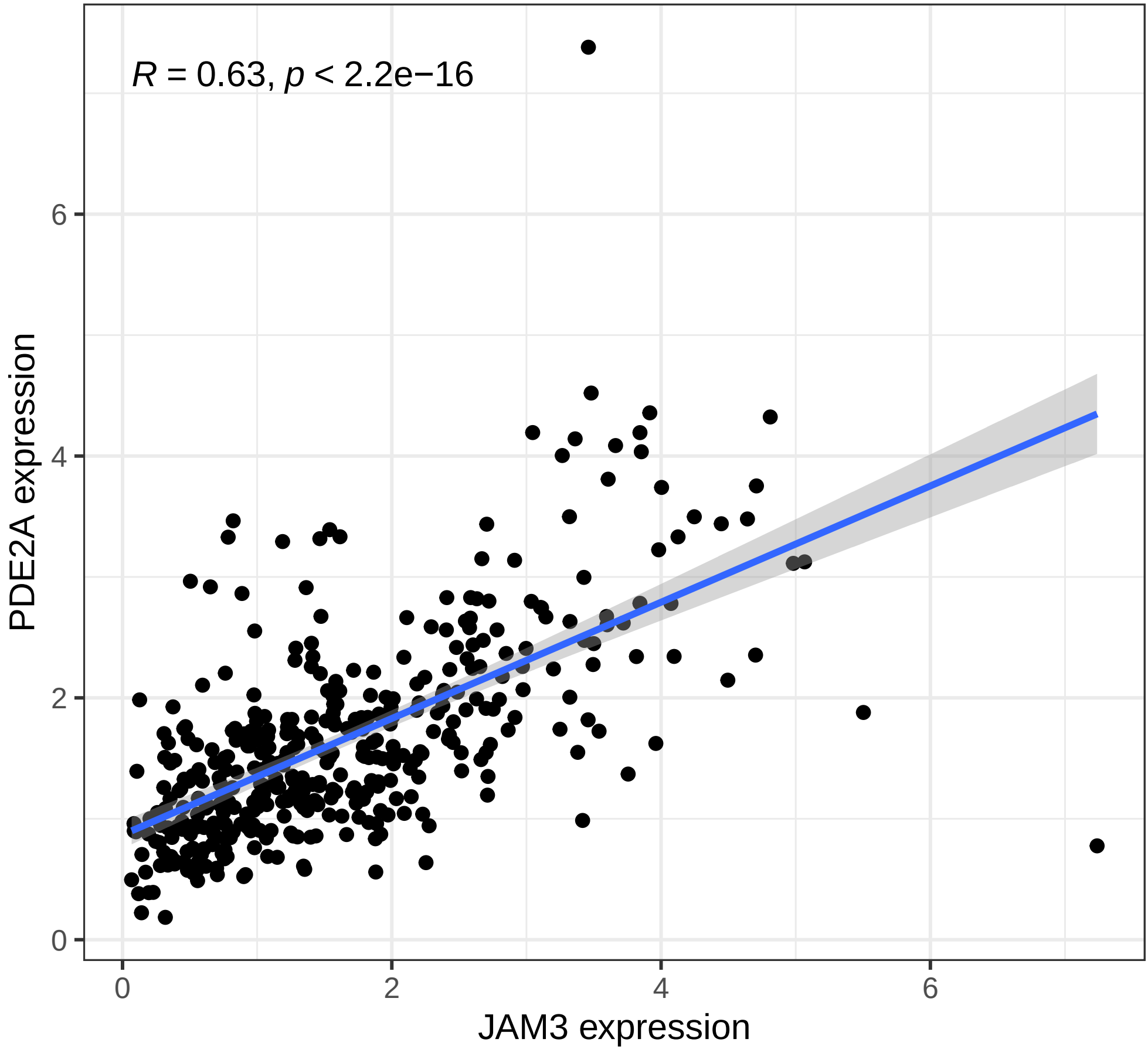

R = 0.62, p < 2.2e−16
P2RY14 expression
JAM3 expression
0
1
2
3
4
5
0
2
4
6

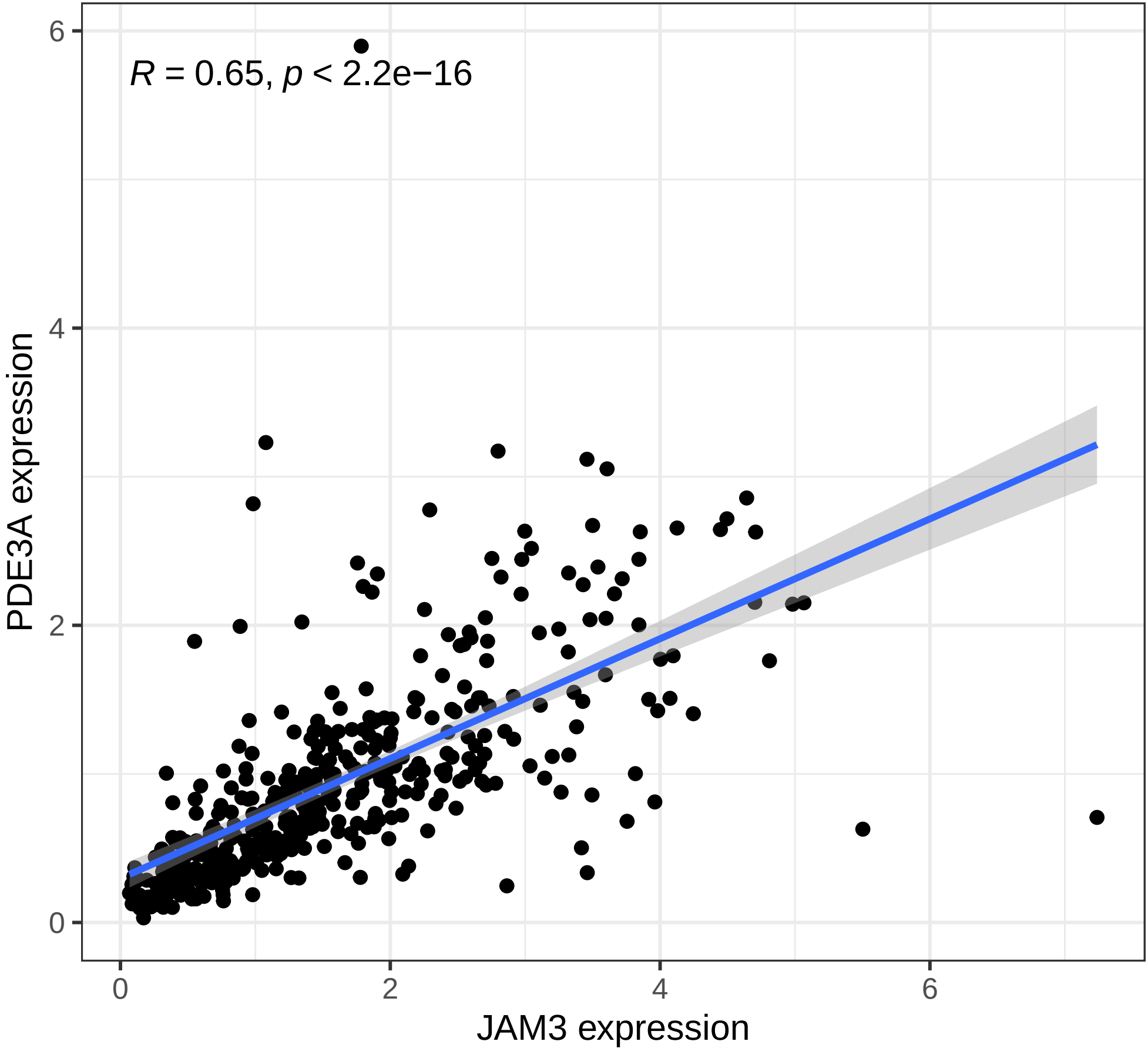

10.0
7.5
5.0
2.5
PALLD expression
R = 0.63, p < 2.2e−16
0
2
4
6
JAM3 expression

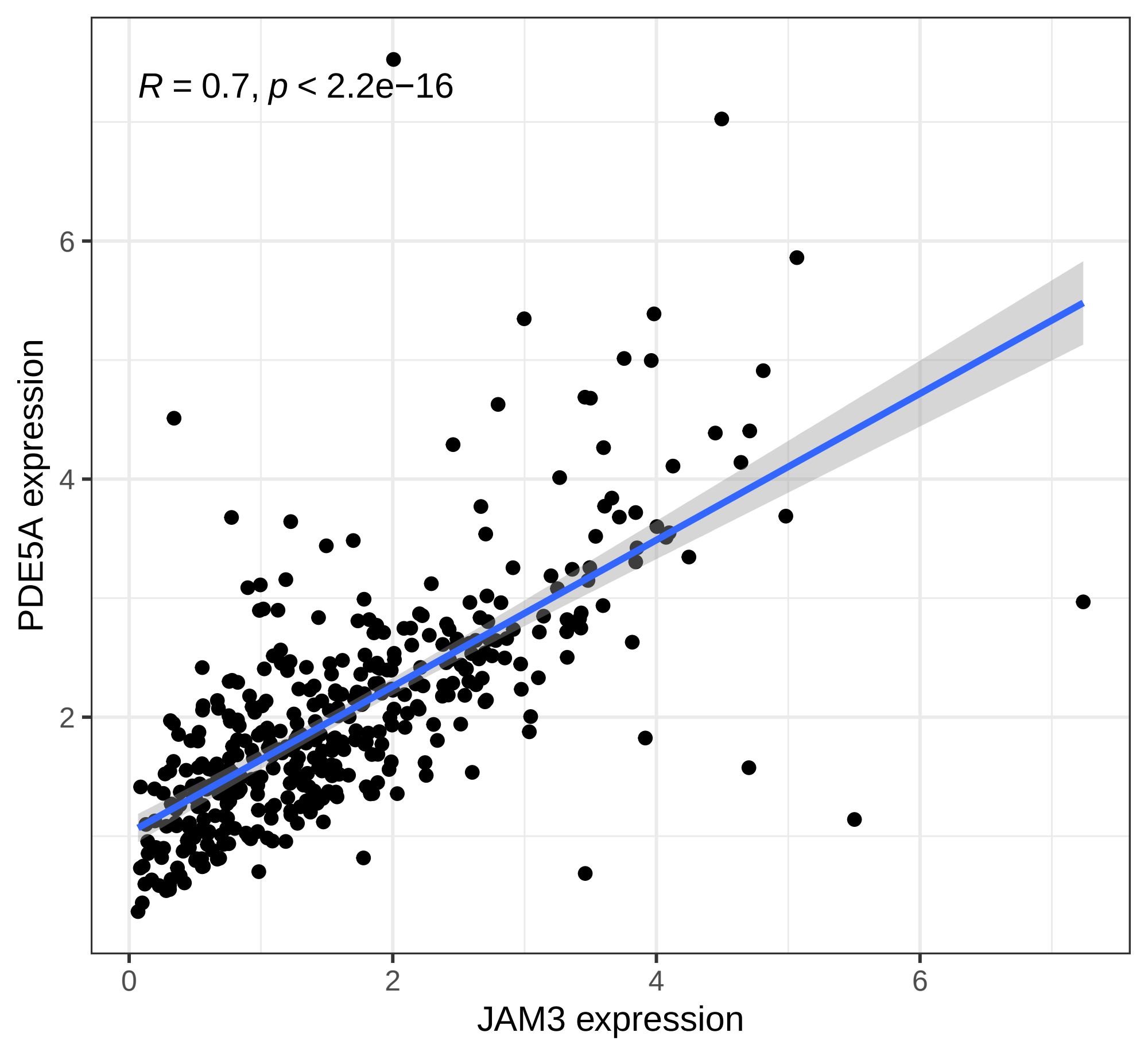

R = 0.77, p < 2.2e−16
PCDH18 expression
JAM3 expression
0
2
4
6
0
2
4
6

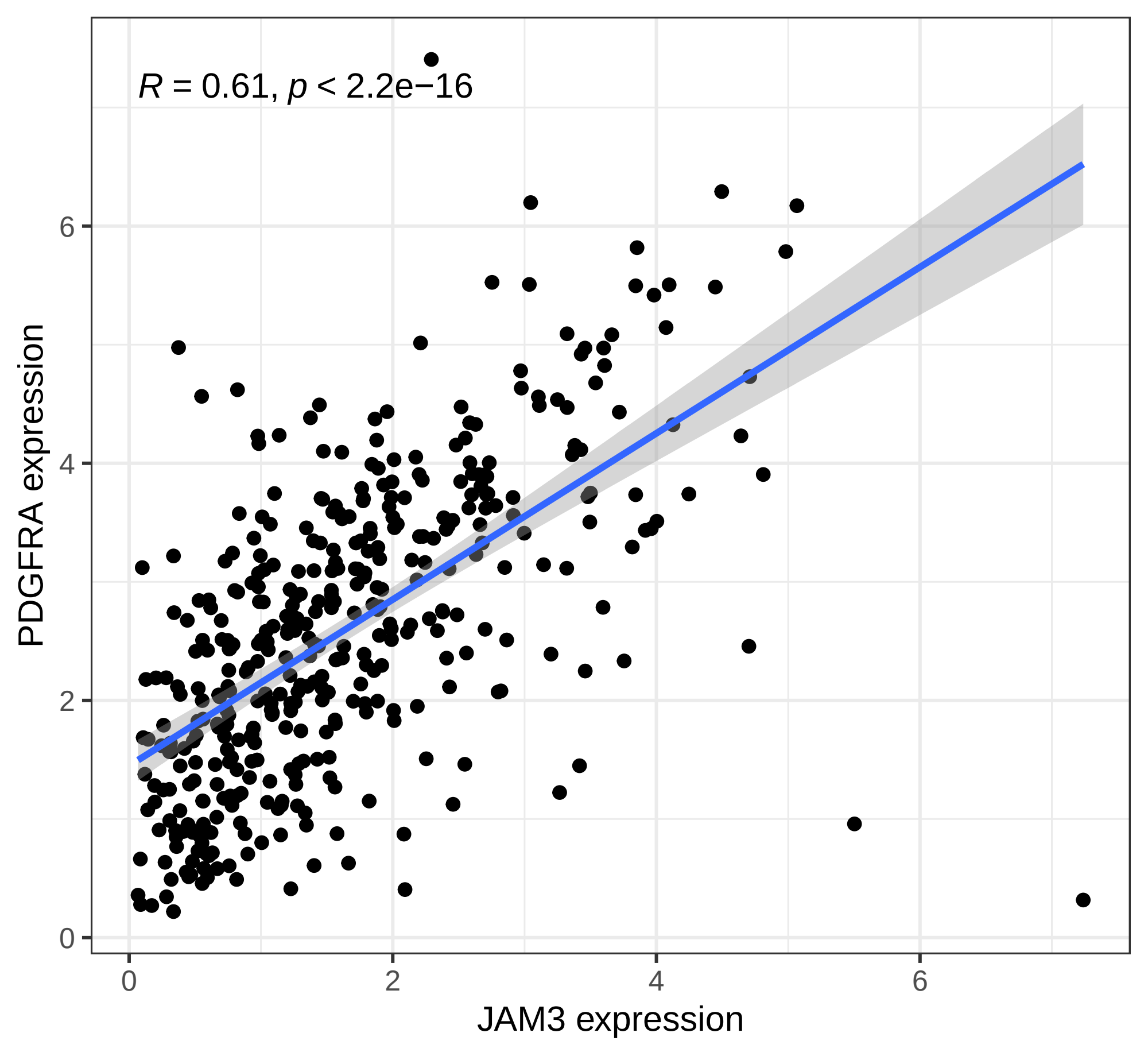

R = 0.63, p < 2.2e−16
PCDHGB7 expression
JAM3 expression
0
1
2
3
4
0
2
4
6

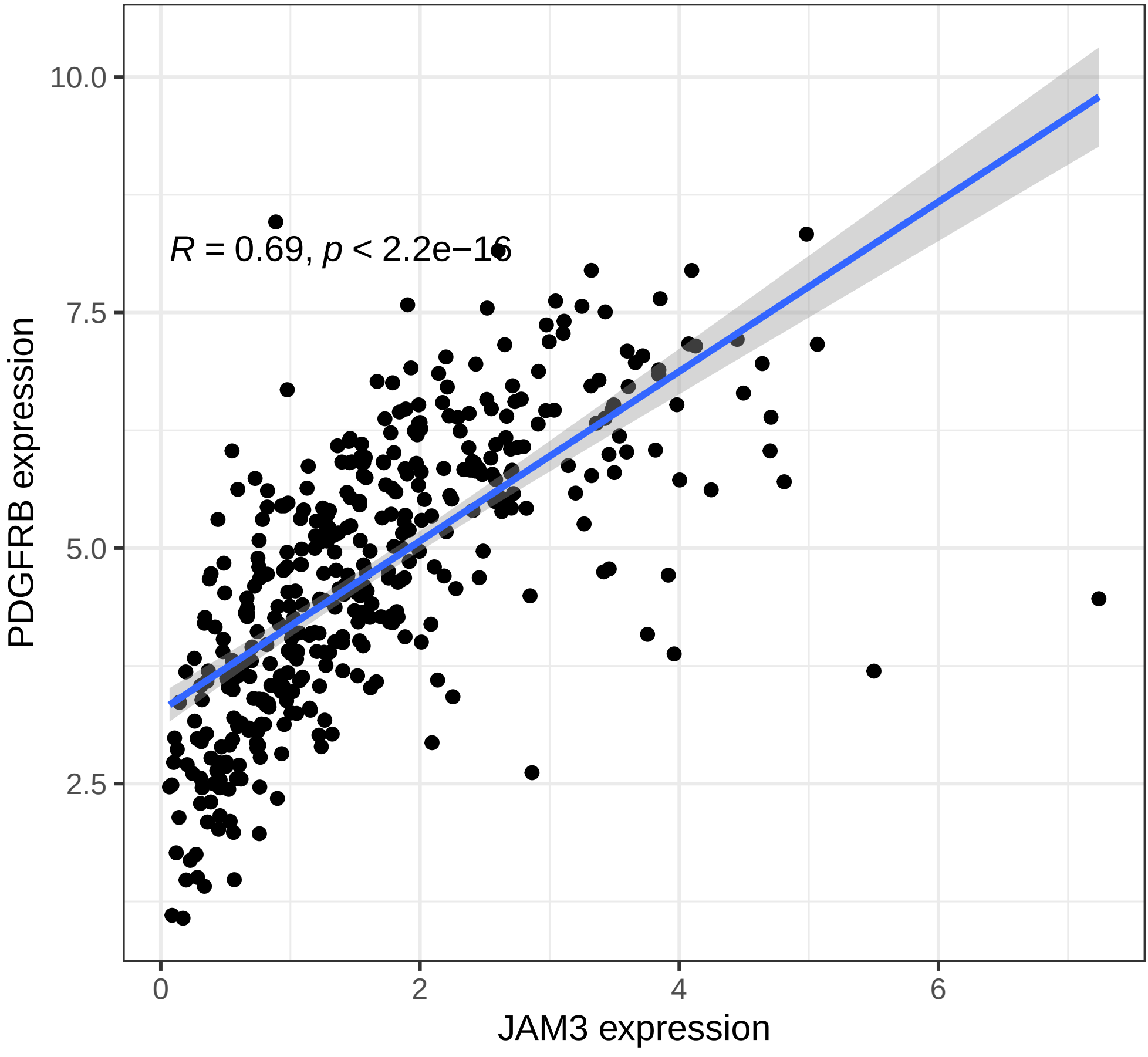

R = 0.73, p < 2.2e−16
PDE1A expression
JAM3 expression
0
1
2
3
4
0
2
4
6

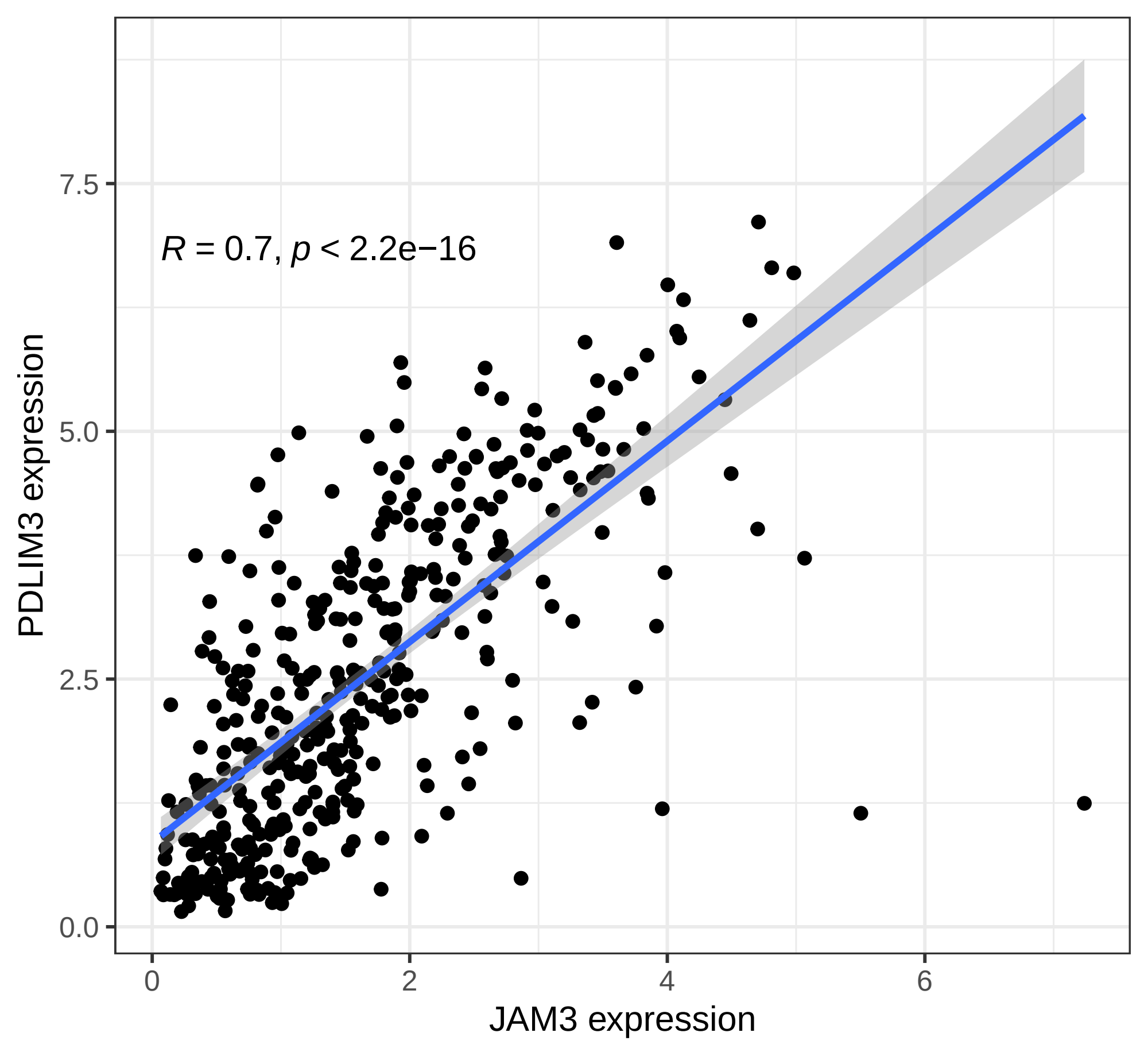

R = 0.63, p < 2.2e−16
PDE2A expression
JAM3 expression
0
2
4
6
0
2
4
6

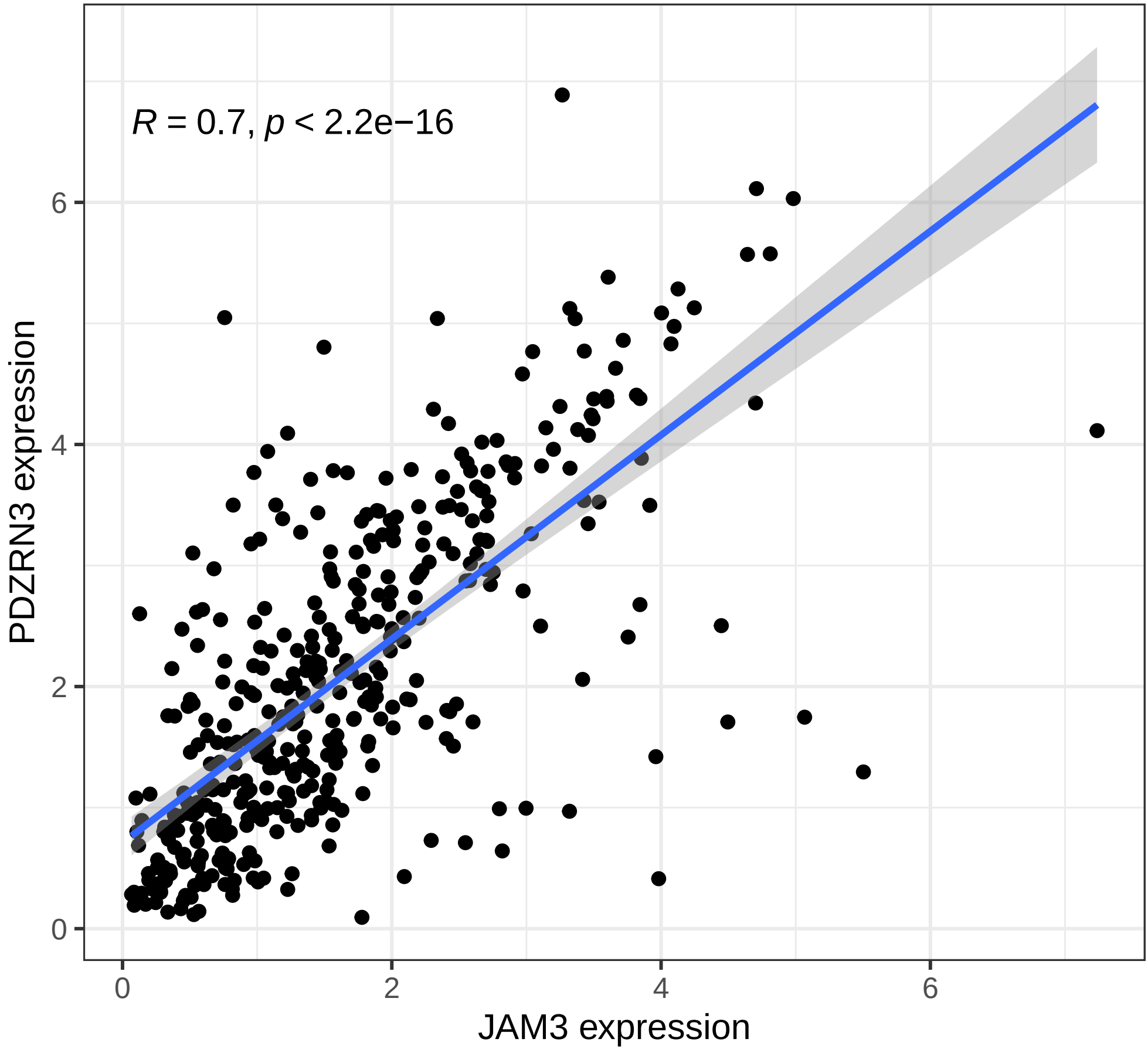

R = 0.65, p < 2.2e−16
PDE3A expression
JAM3 expression
0
2
4
6
0
2
4
6

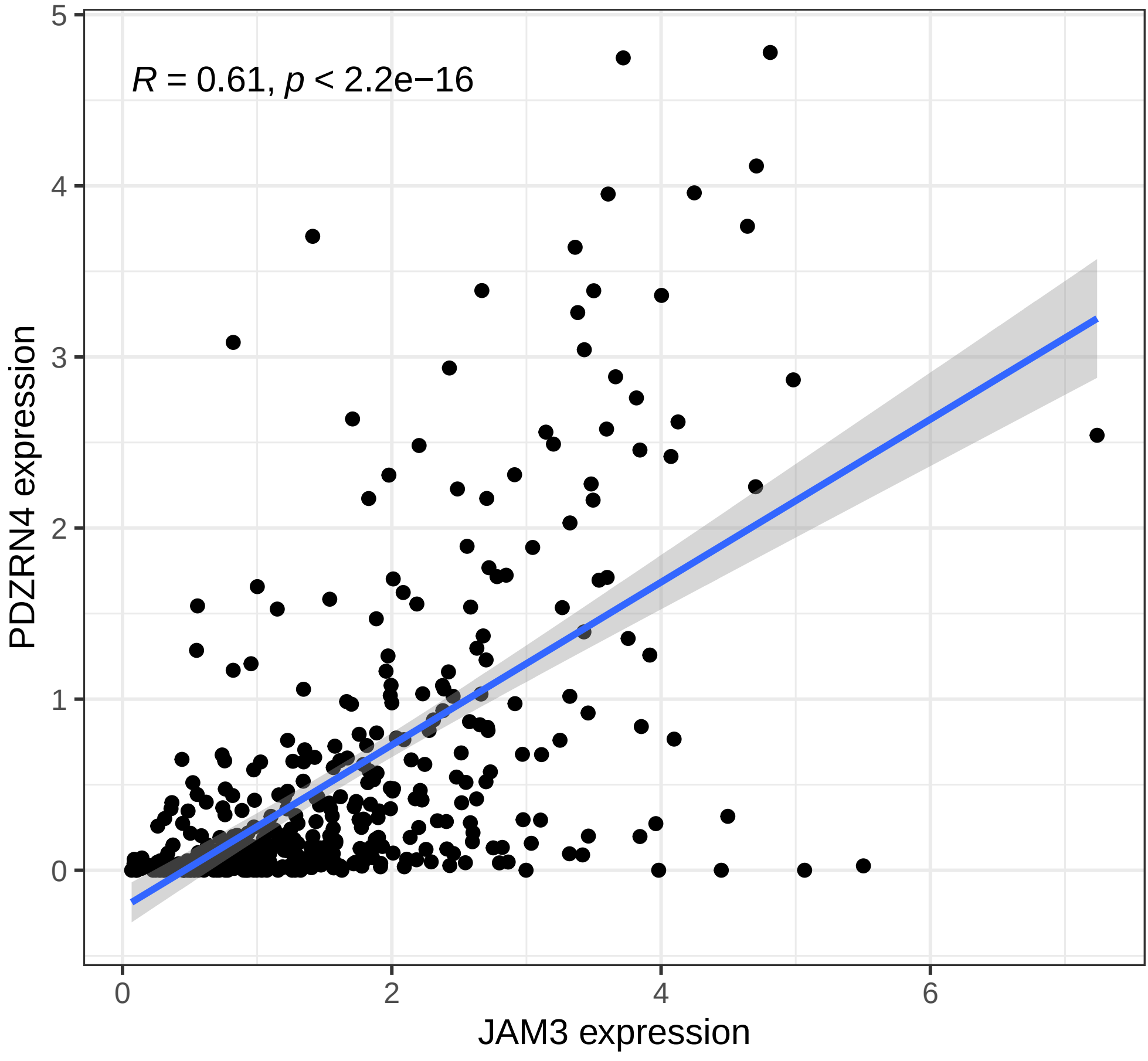

R = 0.7, p < 2.2e−16
PDE5A expression
JAM3 expression
0
2
4
6
2
4
6

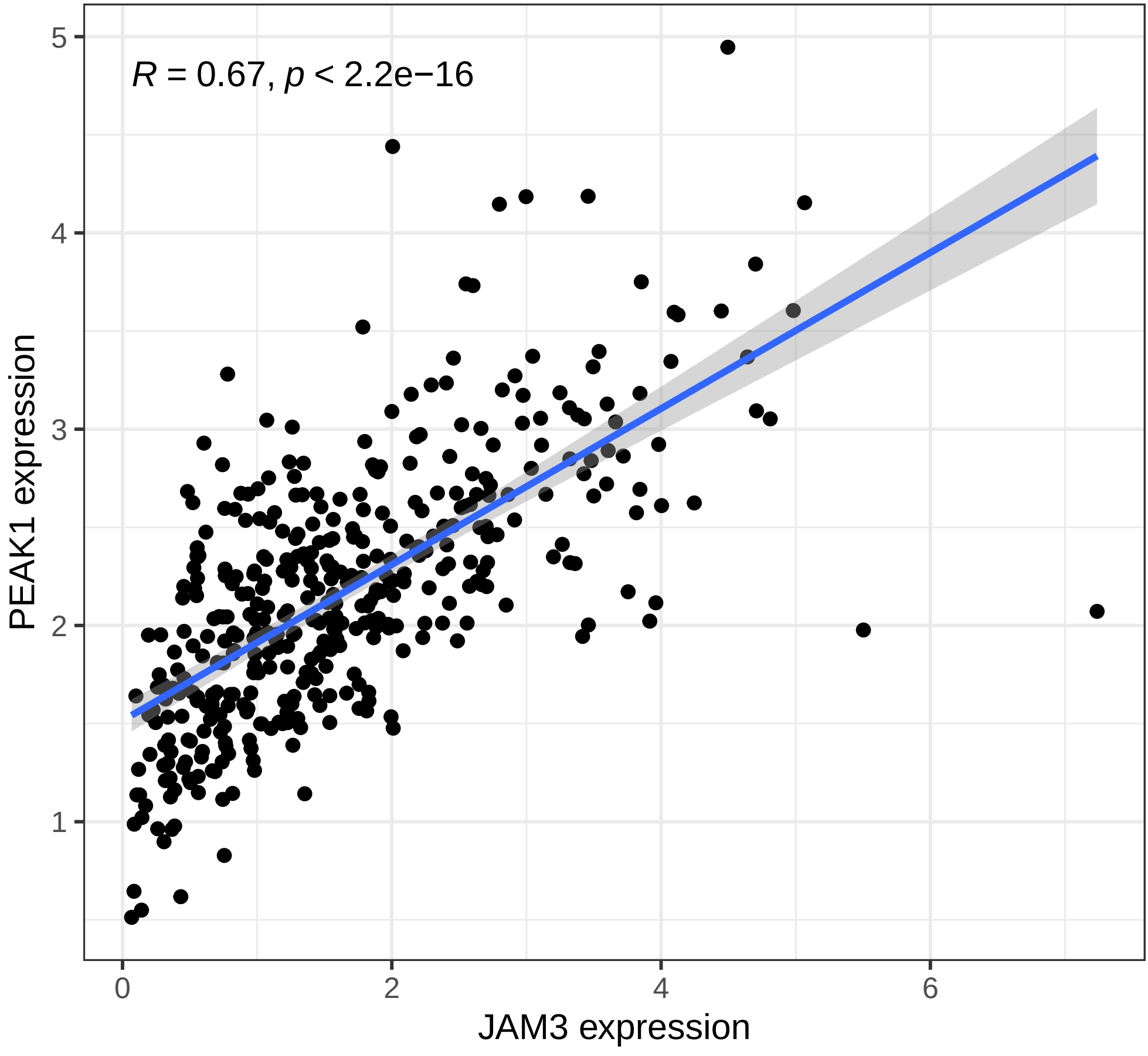

R = 0.61, p < 2.2e−16
PDGFRA expression
JAM3 expression
0
2
4
6
0
2
4
6

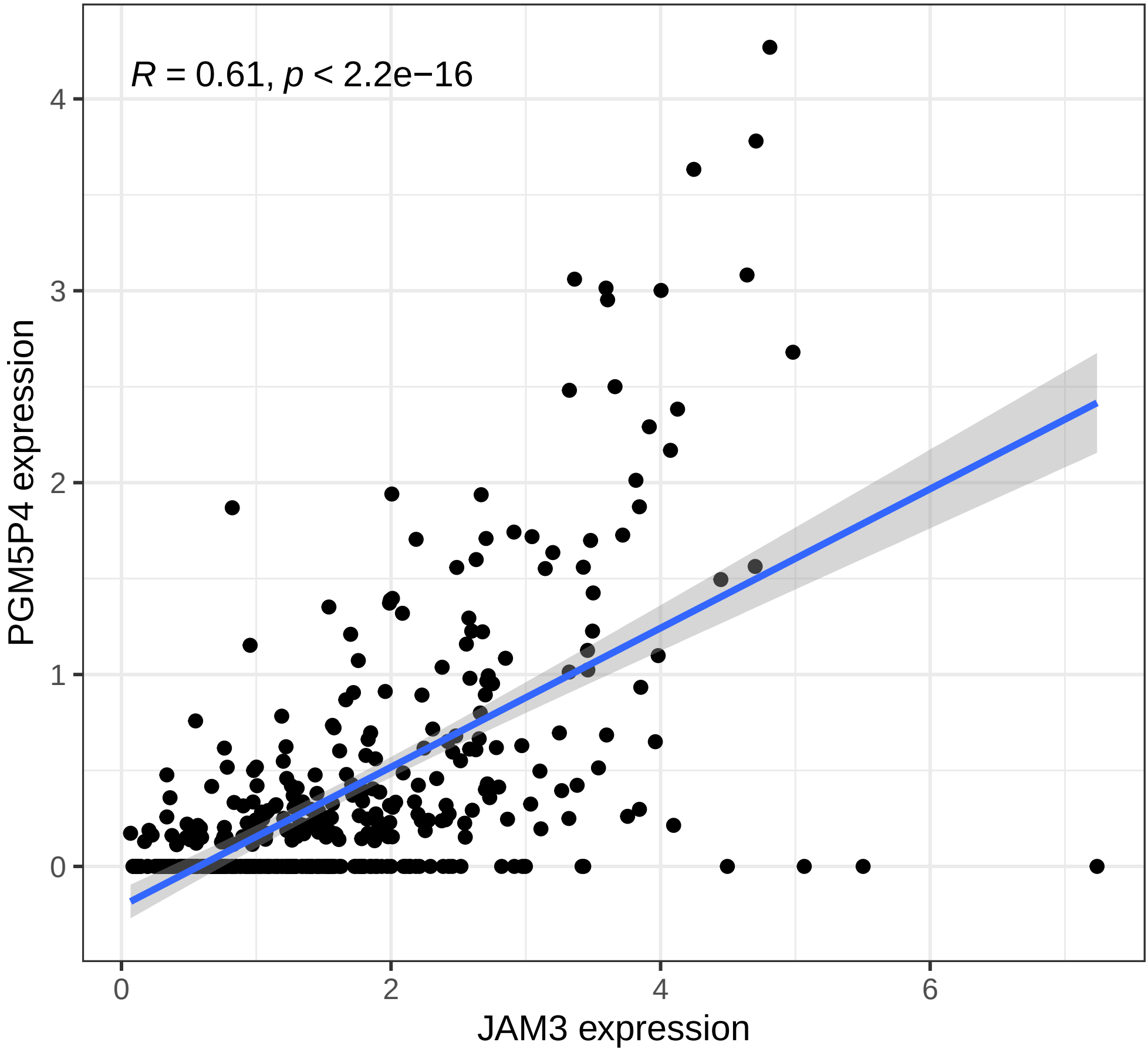

10.0
7.5
5.0
2.5
PDGFRB expression
R = 0.69, p < 2.2e−16
0
2
4
6
JAM3 expression

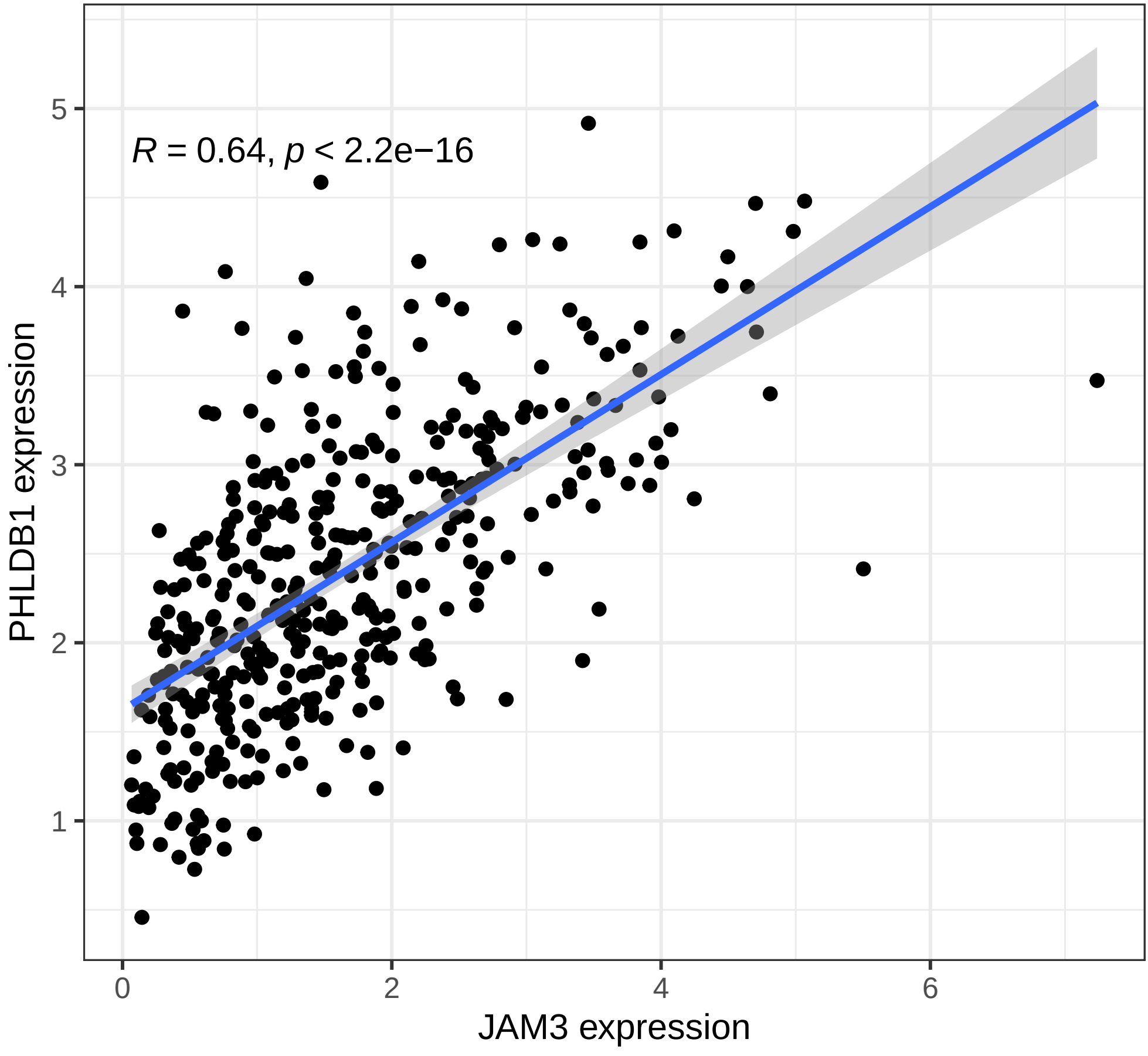

R = 0.7, p < 2.2e−16
PDLIM3 expression
JAM3 expression
0.0
2.5
5.0
7.5
0
2
4
6

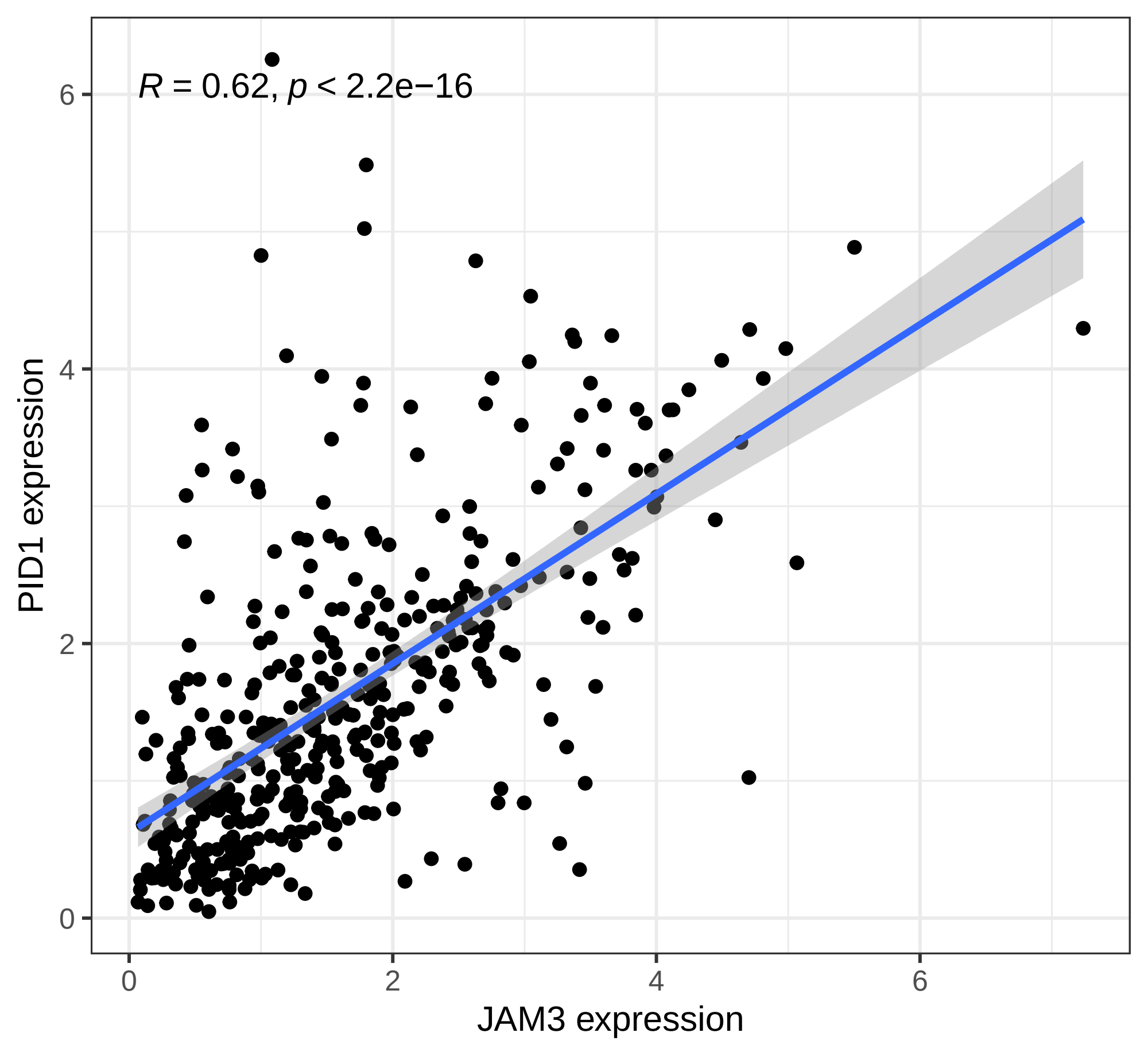

R = 0.7, p < 2.2e−16
PDZRN3 expression
JAM3 expression
0
2
4
6
0
2
4
6

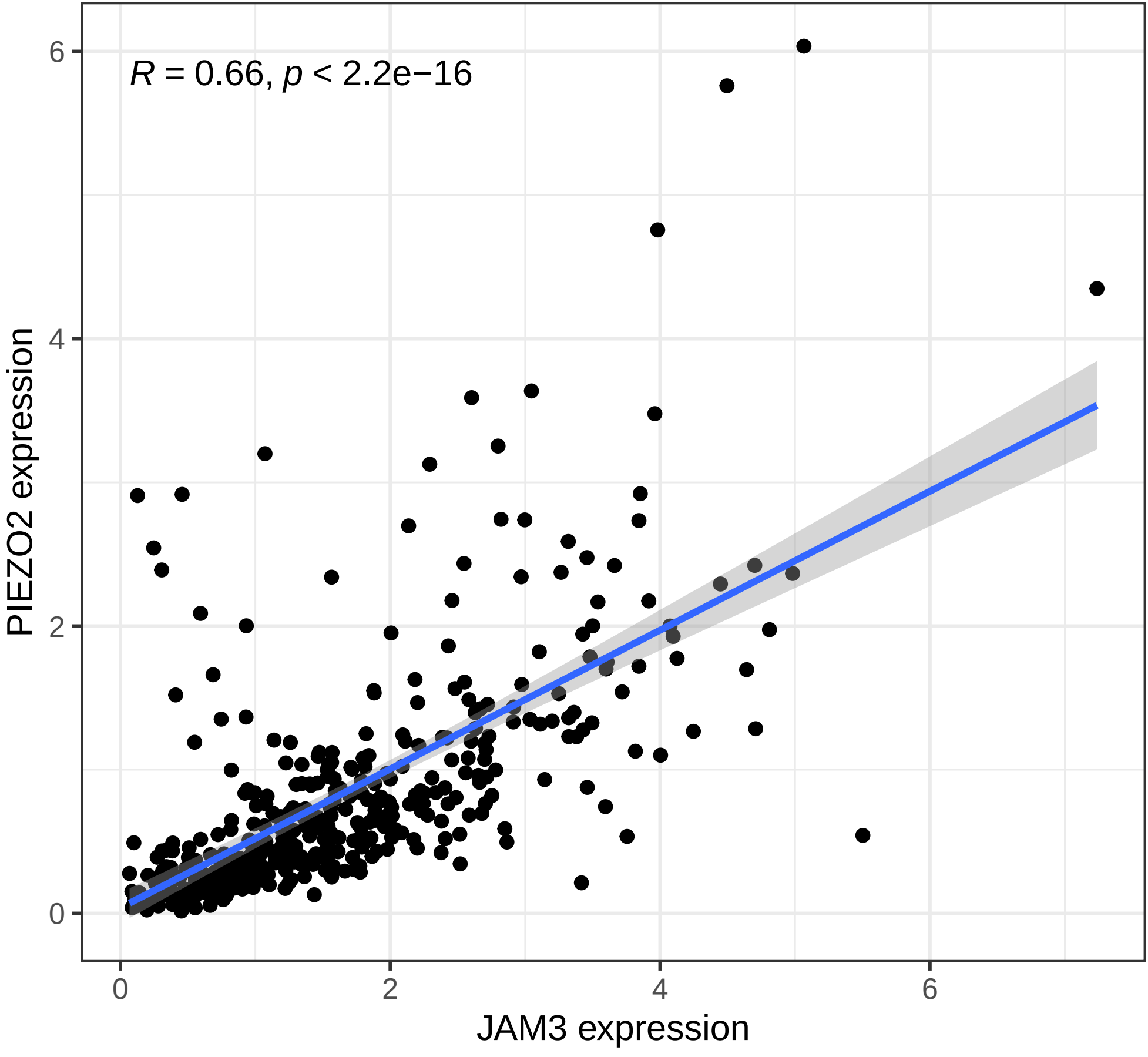

R = 0.61, p < 2.2e−16
PDZRN4 expression
JAM3 expression
5
4
3
2
1
0
0
2
4
6

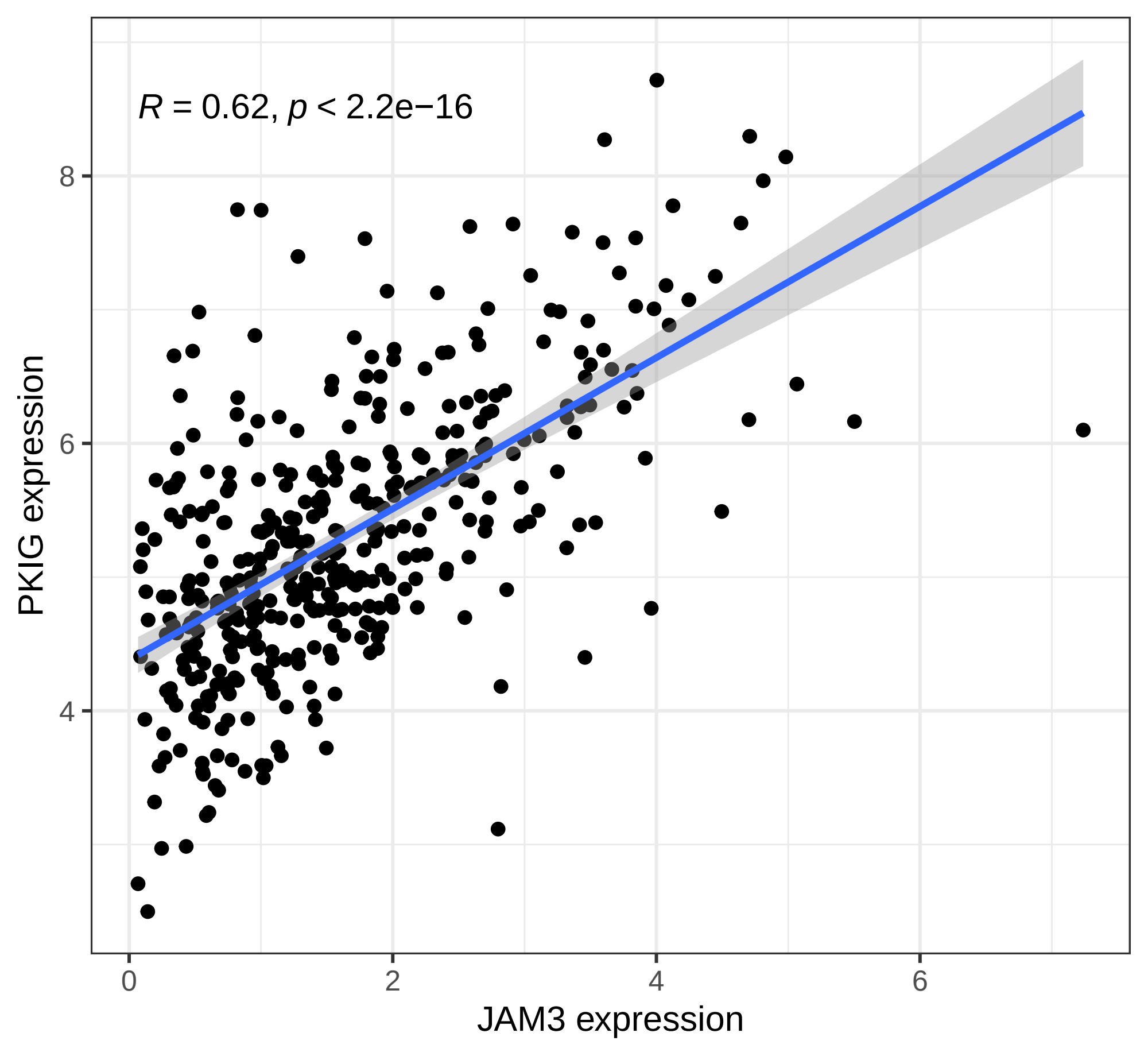

R = 0.67, p < 2.2e−16
PEAK1 expression
JAM3 expression
5
4
3
2
1
0
2
4
6

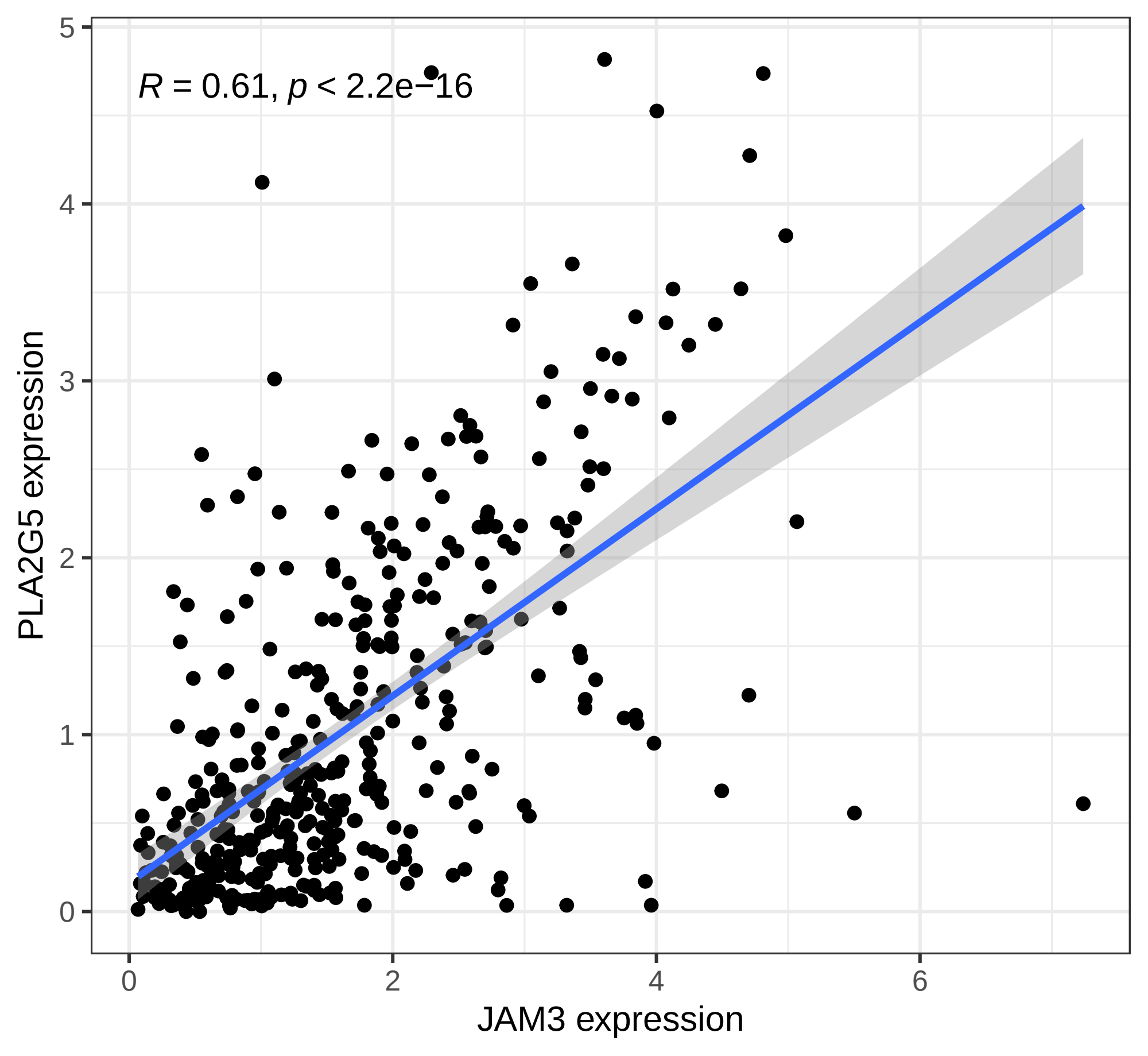

R = 0.61, p < 2.2e−16
PGM5P4 expression
JAM3 expression
0
1
2
3
4
0
2
4
6

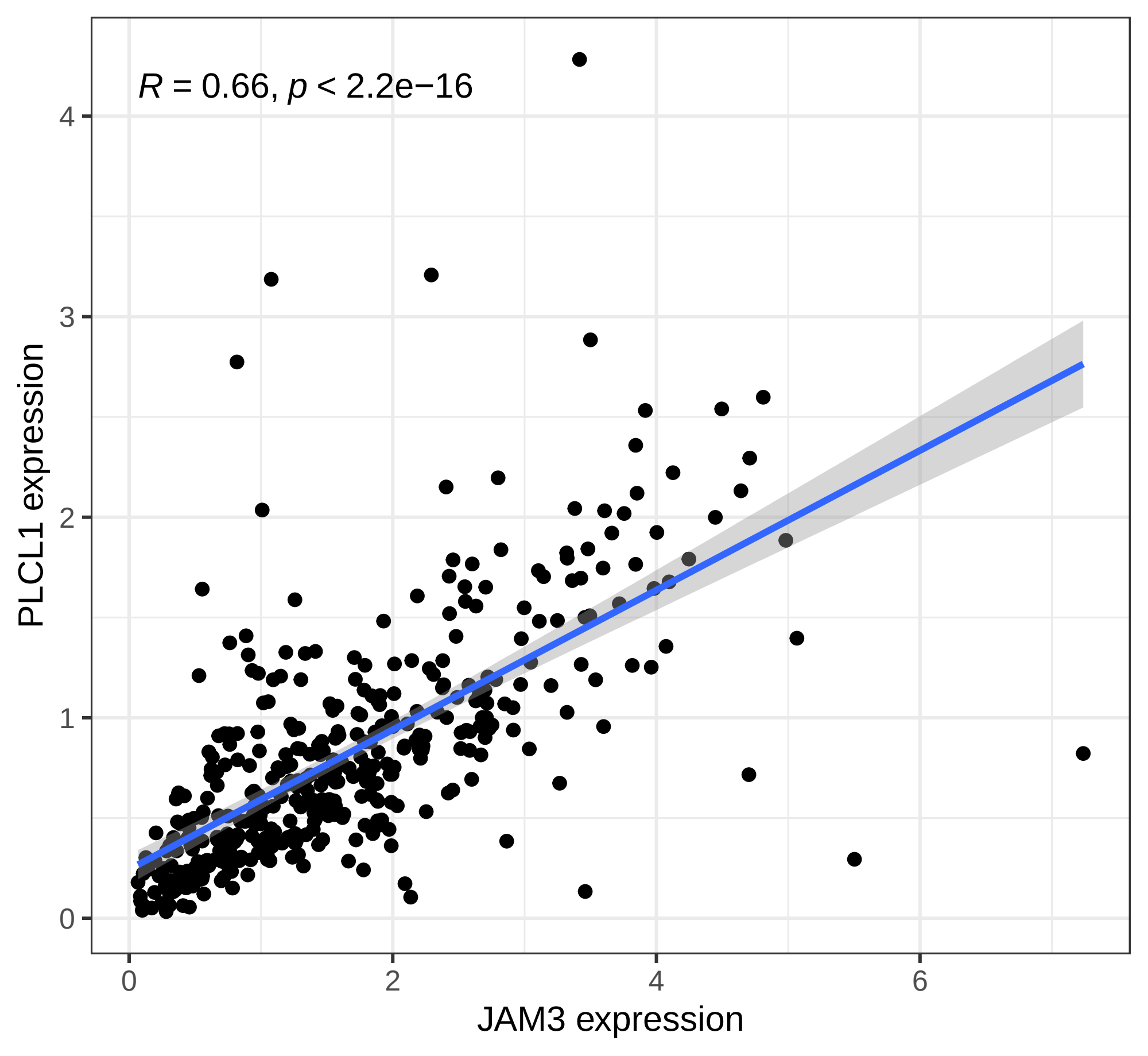

R = 0.64, p < 2.2e−16
PHLDB1 expression
JAM3 expression
5
4
3
2
1
0
2
4
6

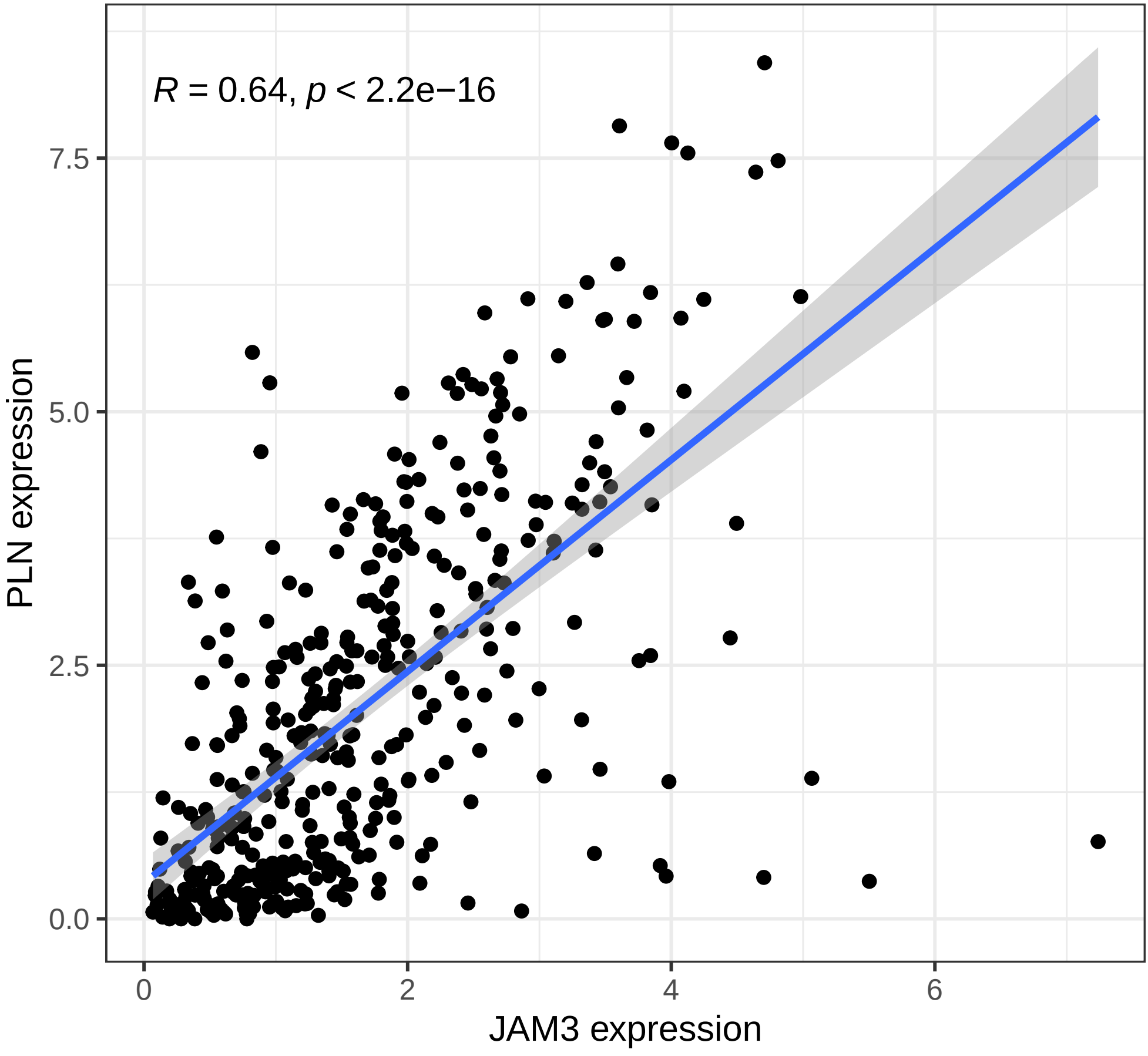

R = 0.62, p < 2.2e−16
PID1 expression
JAM3 expression
0
2
4
6
0
2
4
6

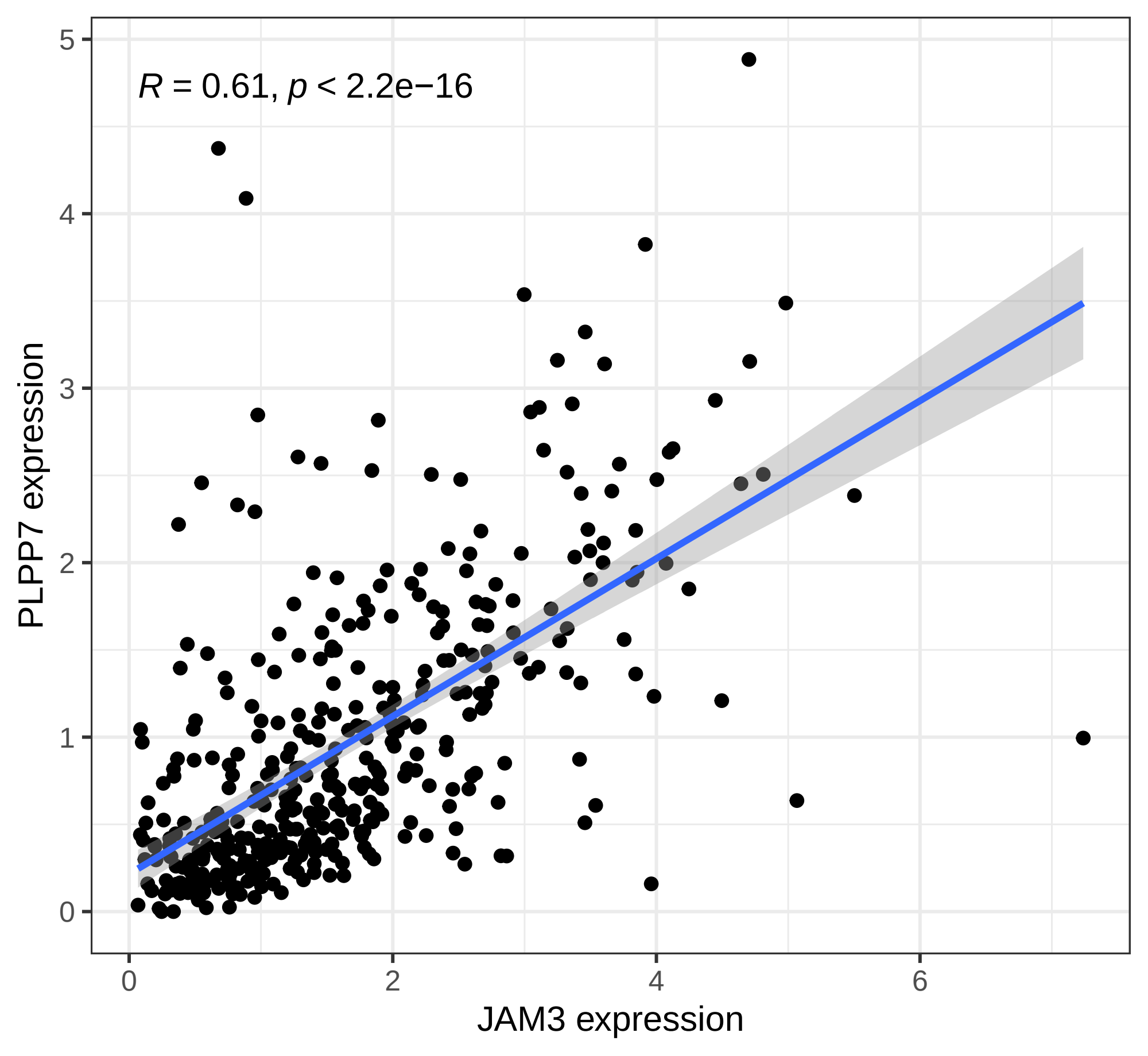

R = 0.66, p < 2.2e−16
PIEZO2 expression
JAM3 expression
0
2
4
6
0
2
4
6

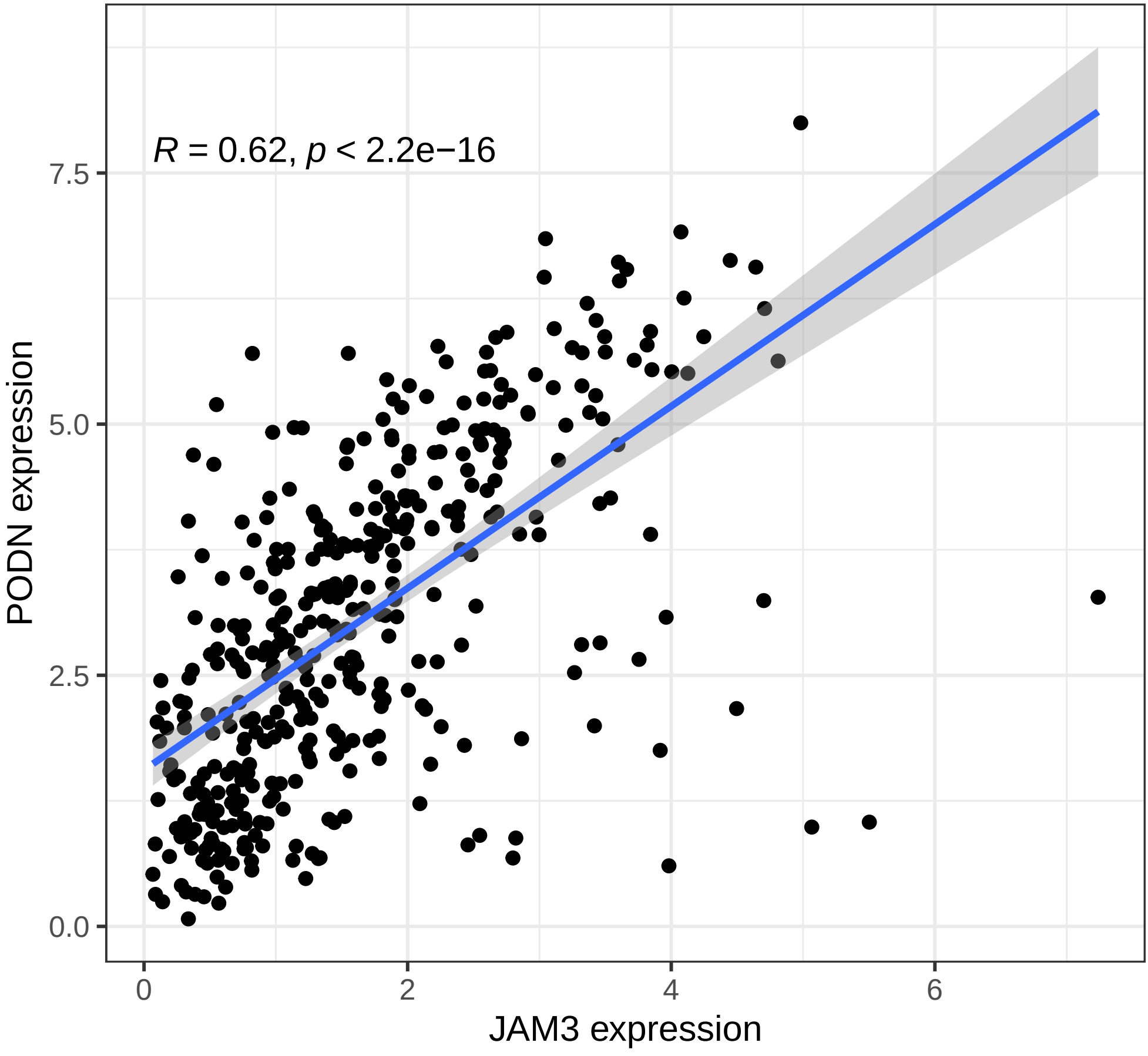

R = 0.62, p < 2.2e−16
PKIG expression
JAM3 expression
8
6
4
0
2
4
6

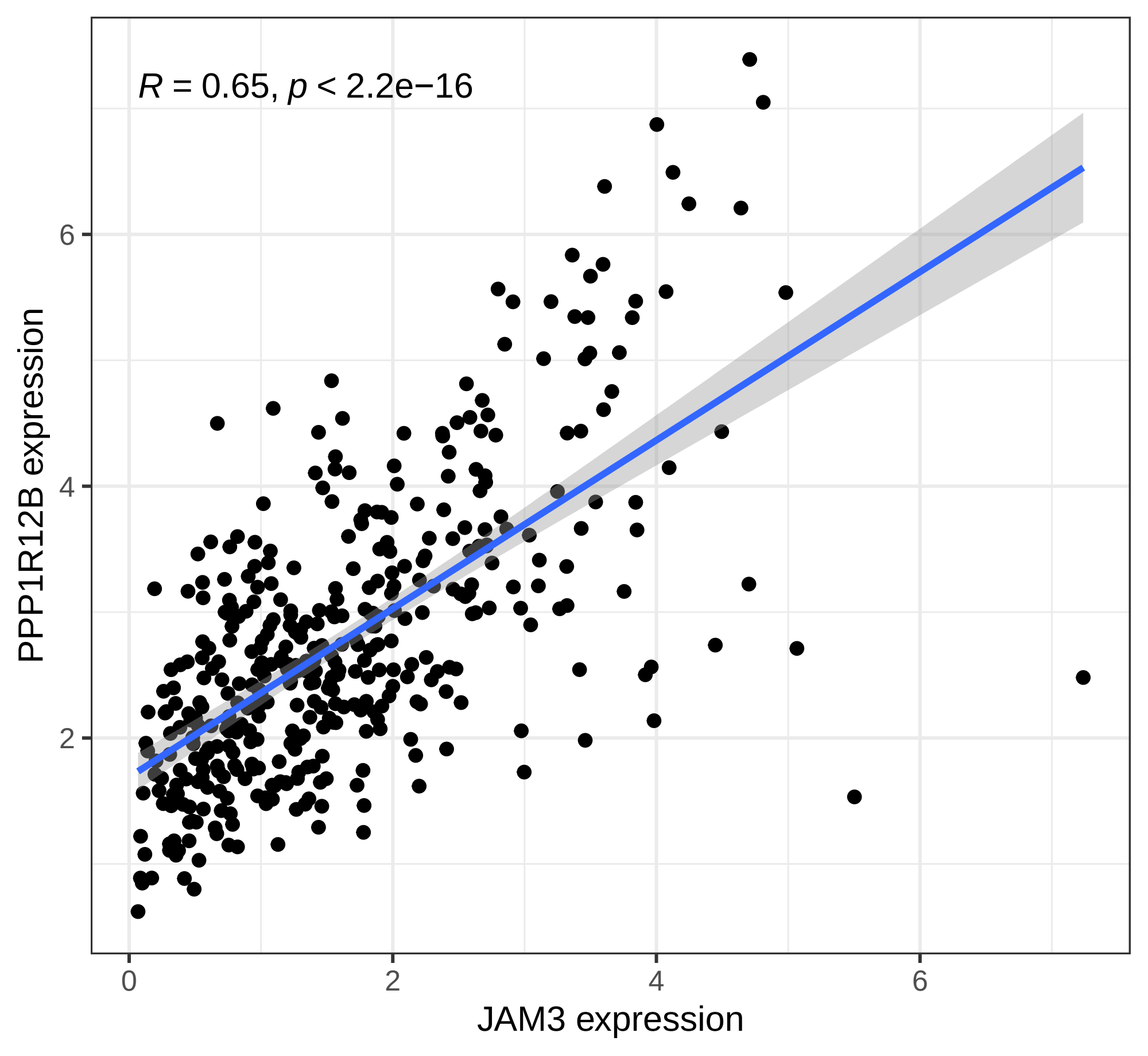

R = 0.61, p < 2.2e−16
PLA2G5 expression
JAM3 expression
0
1
2
3
4
5
0
2
4
6

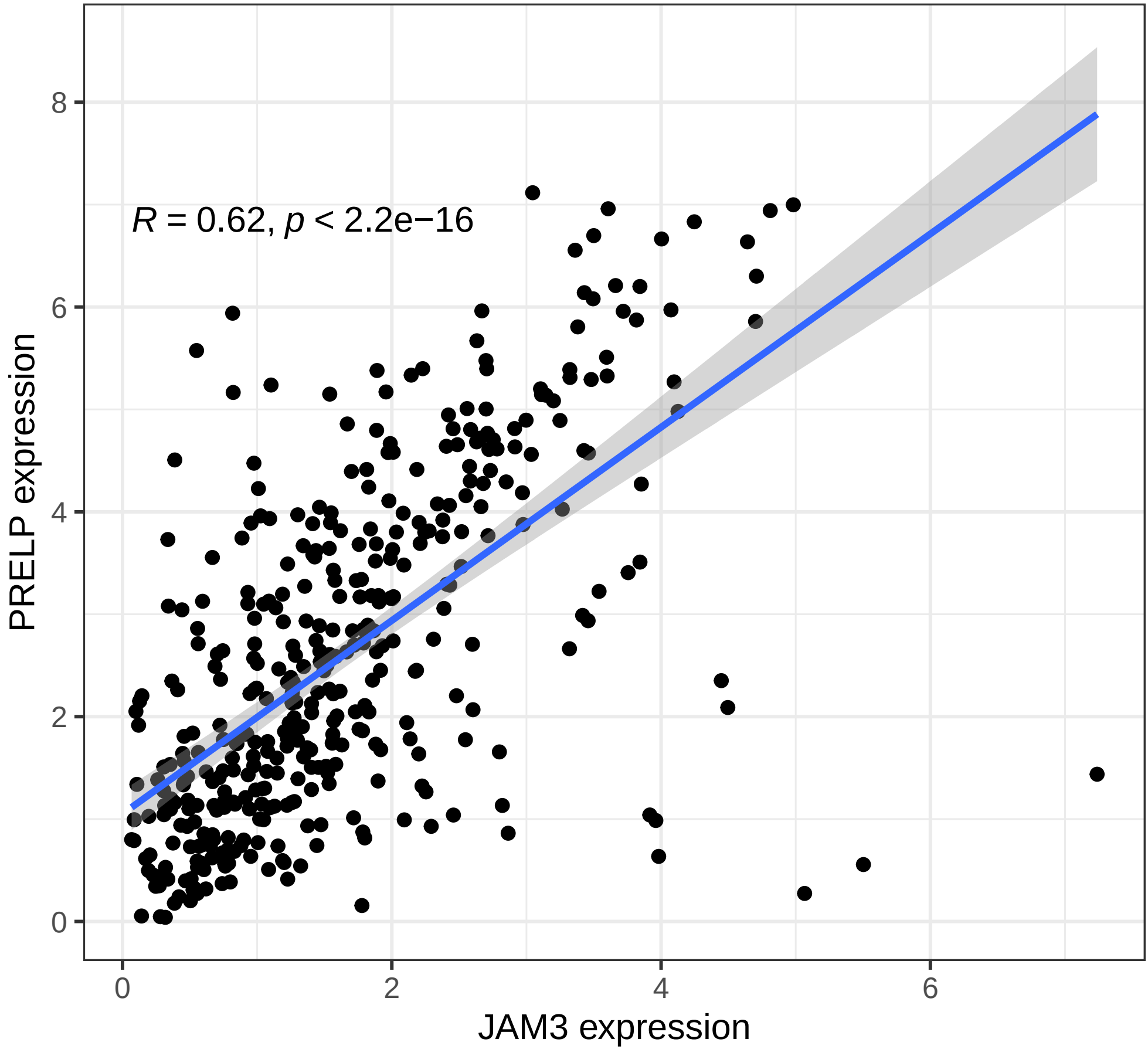

R = 0.66, p < 2.2e−16
PLCL1 expression
JAM3 expression
0
1
2
3
4
0
2
4
6

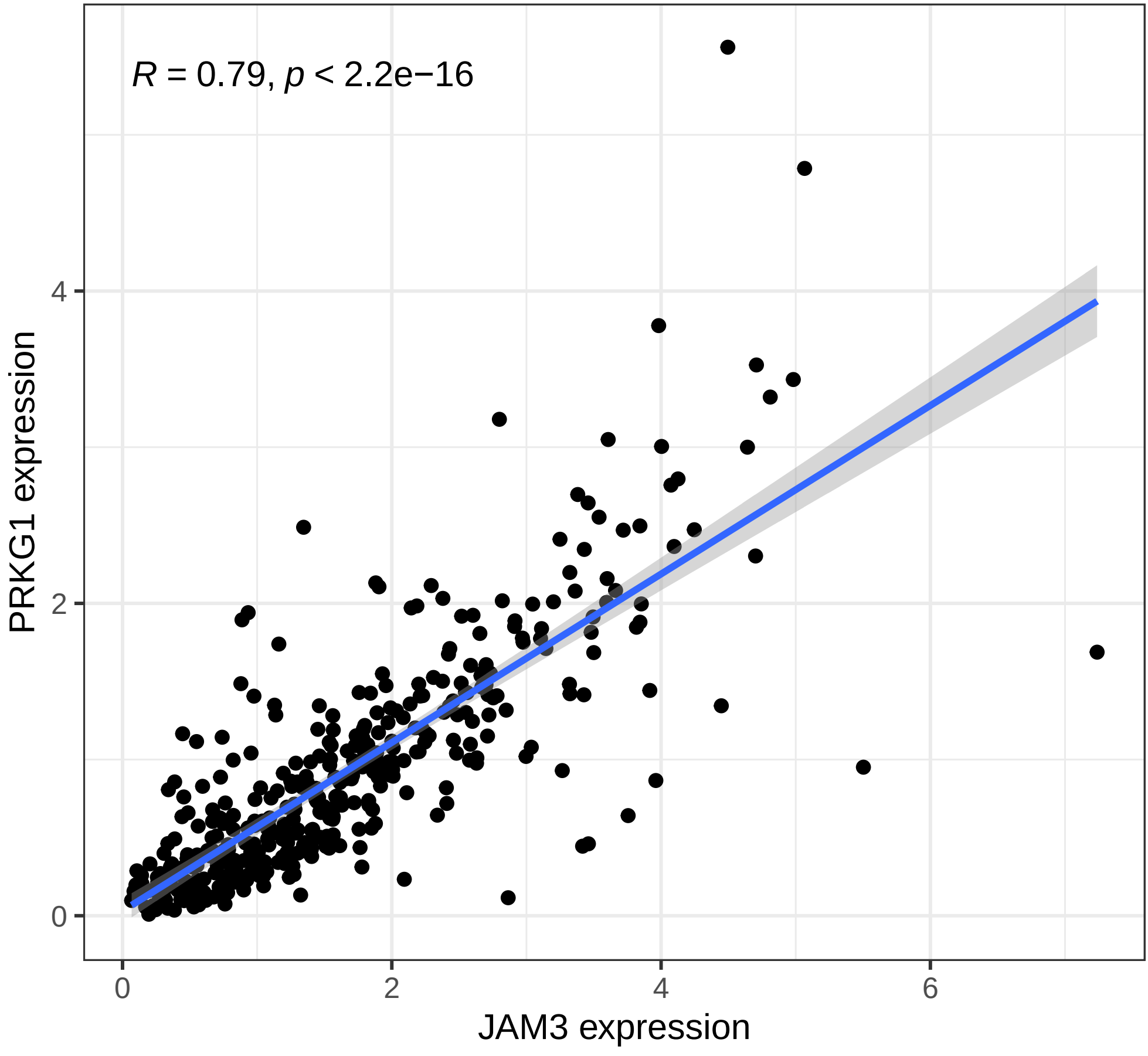

R = 0.64, p < 2.2e−16
PLN expression
7.5
5.0
2.5
0.0
0
2
4
6
JAM3 expression

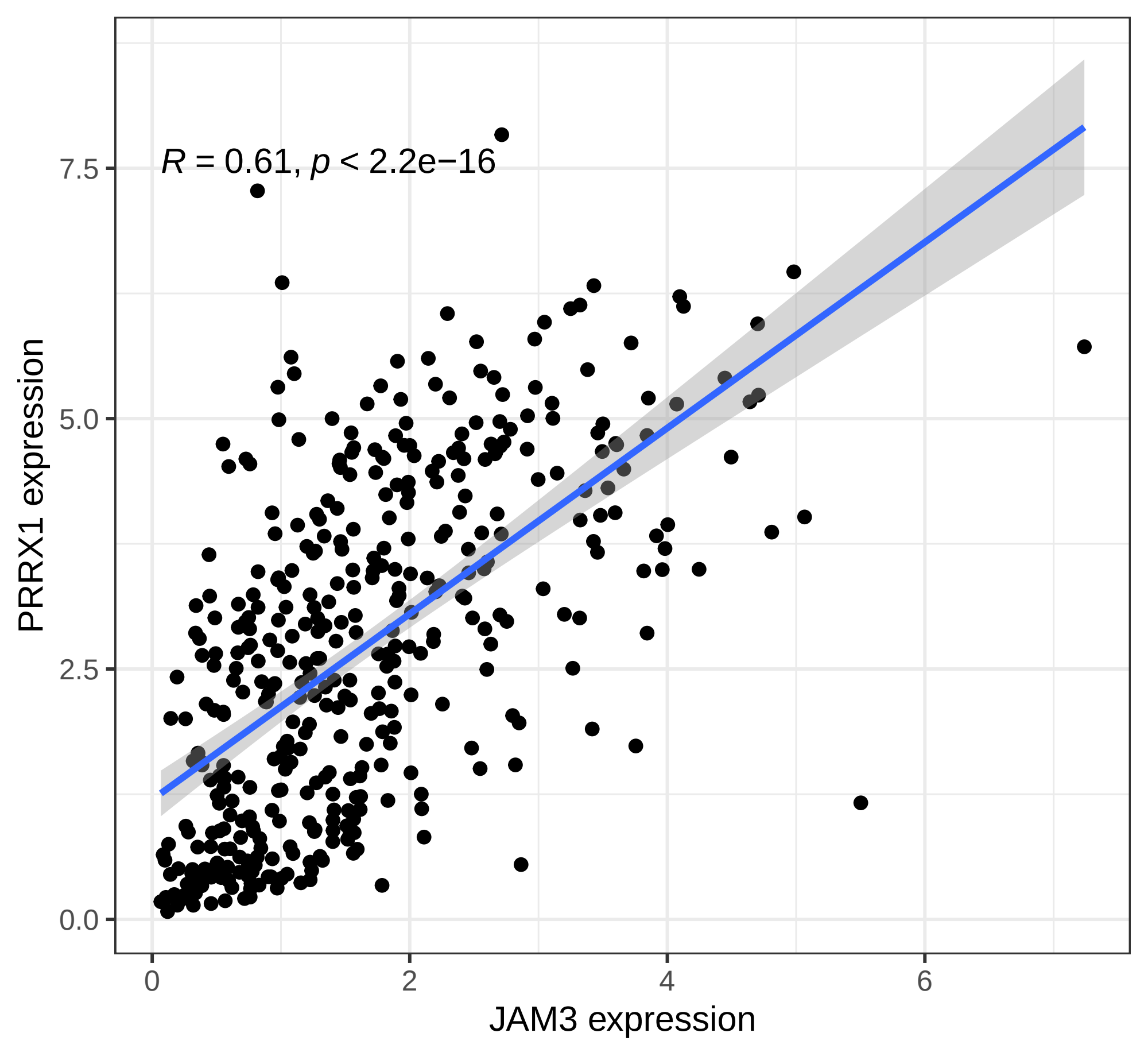

R = 0.61, p < 2.2e−16
PLPP7 expression
JAM3 expression
0
1
2
3
4
5
0
2
4
6

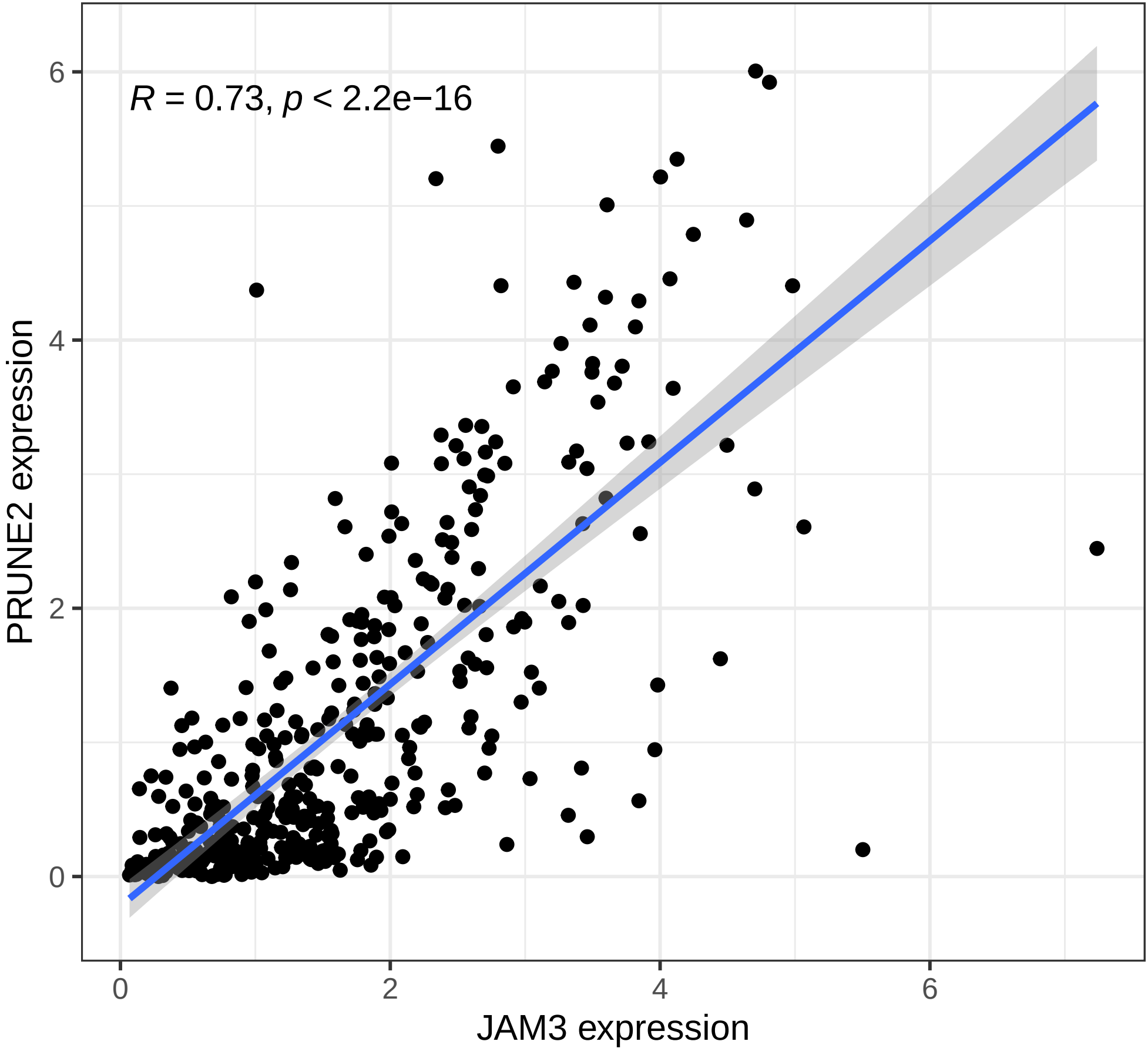

R = 0.62, p < 2.2e−16
PODN expression
JAM3 expression
7.5
5.0
2.5
0.0
0
2
4
6

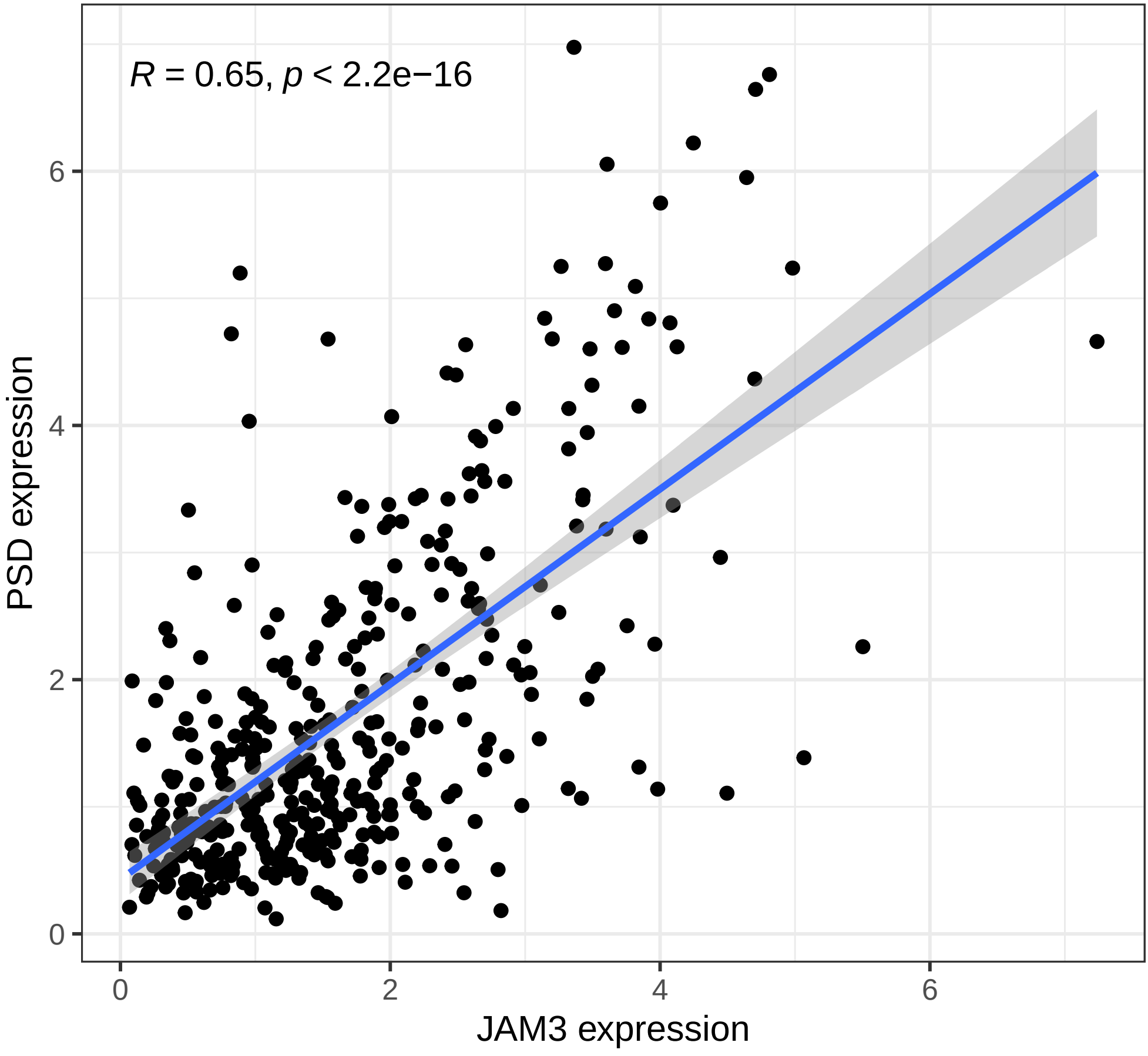

R = 0.65, p < 2.2e−16
PPP1R12B expression
JAM3 expression
0
2
4
6
2
4
6

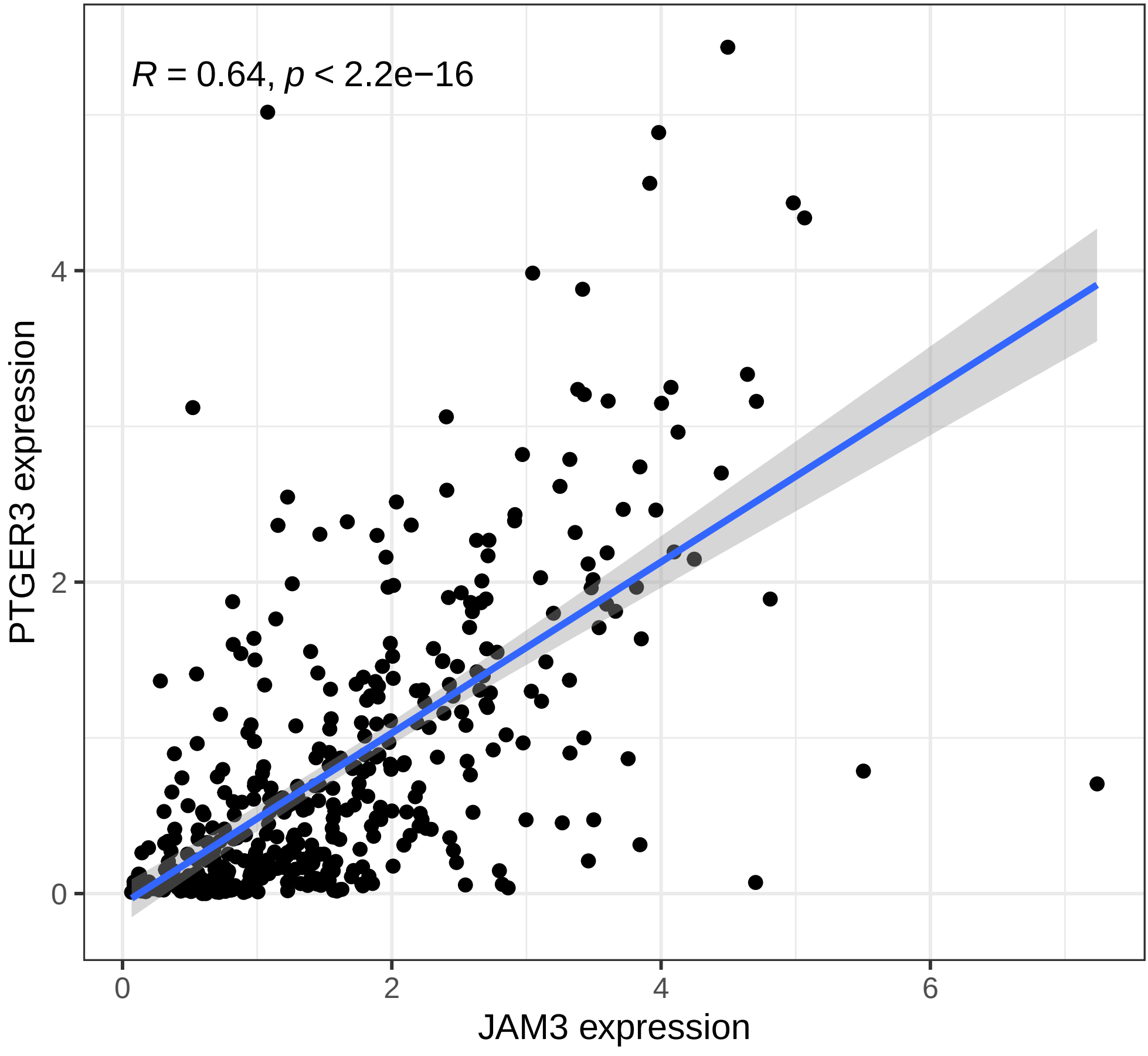

R = 0.62, p < 2.2e−16
PRELP expression
JAM3 expression
0
2
4
6
8
0
2
4
6

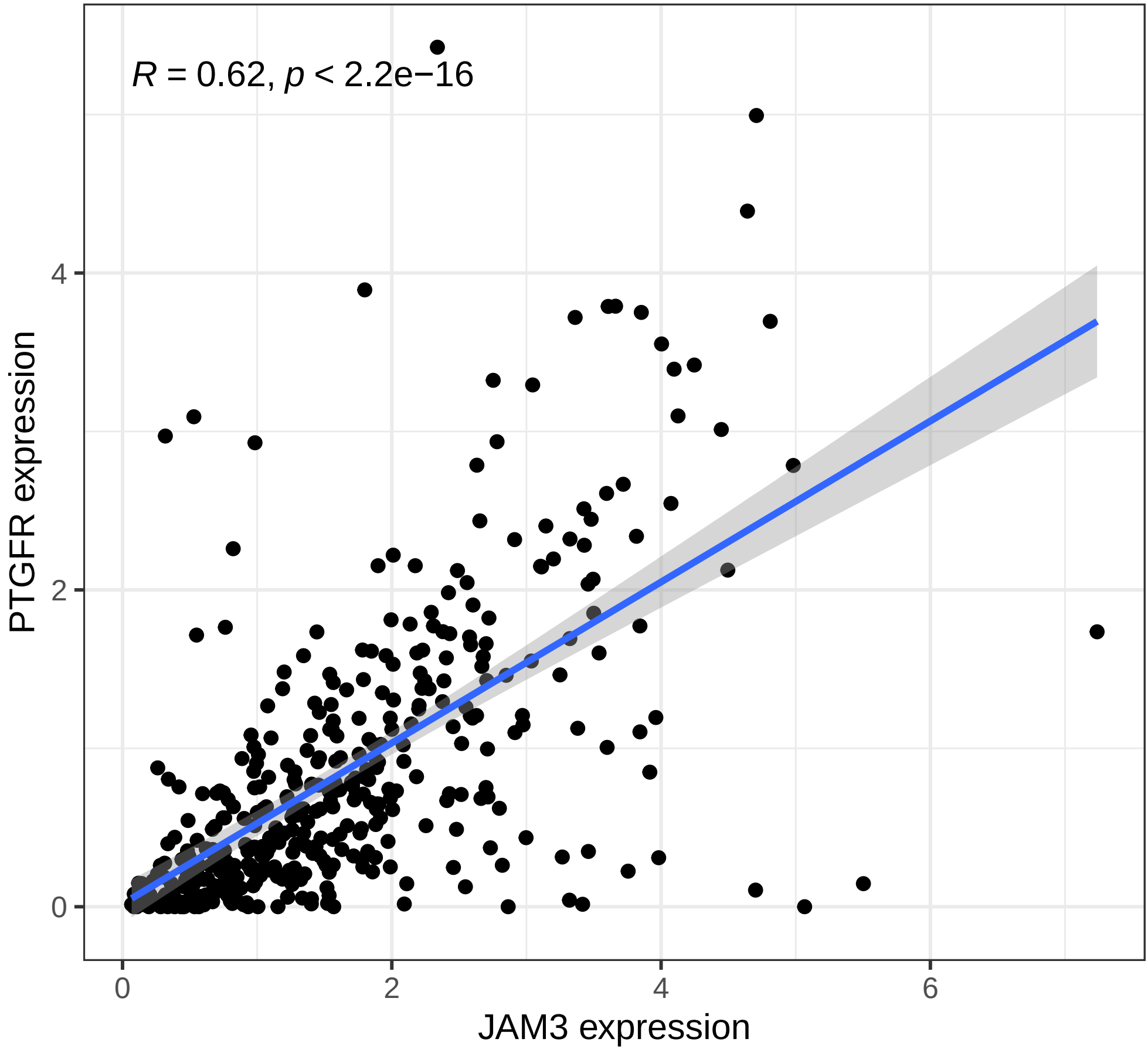

R = 0.79, p < 2.2e−16
PRKG1 expression
JAM3 expression
0
2
4
0
2
4
6

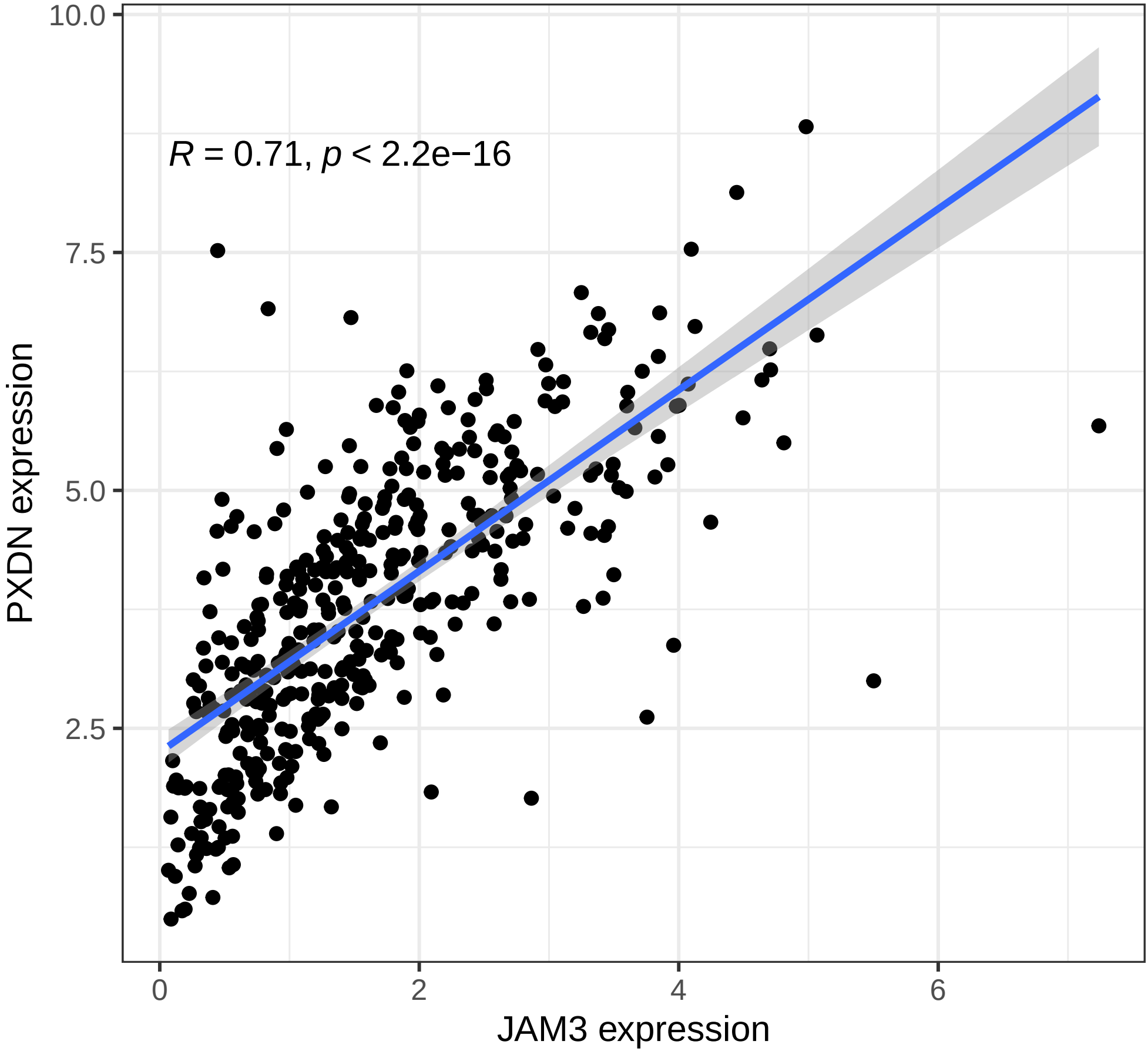

R = 0.61, p < 2.2e−16
PRRX1 expression
JAM3 expression
7.5
5.0
2.5
0.0
0
2
4
6

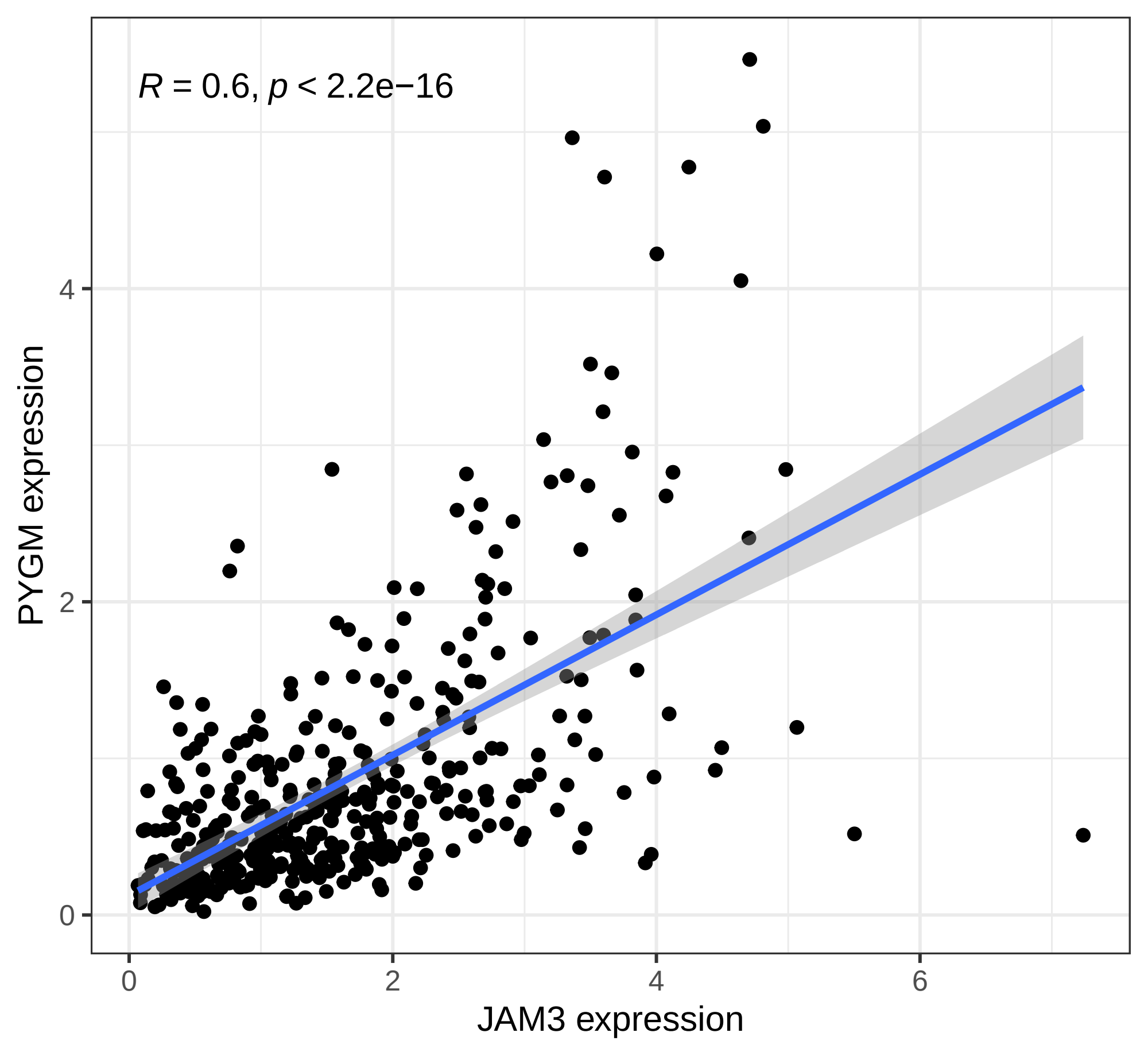

R = 0.73, p < 2.2e−16
PRUNE2 expression
JAM3 expression
0
2
4
6
0
2
4
6

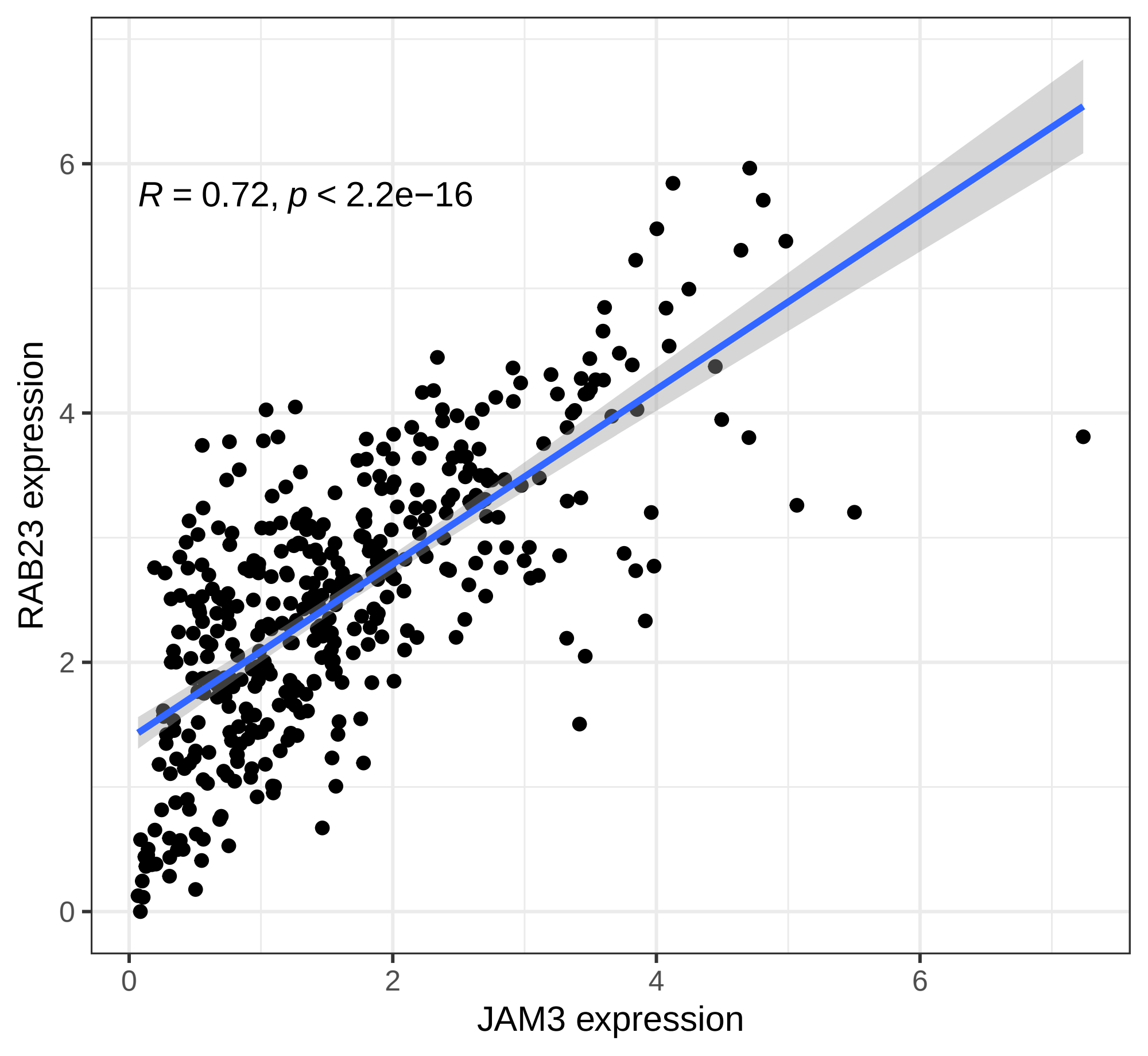

R = 0.65, p < 2.2e−16
PSD expression
JAM3 expression
0
2
4
6
0
2
4
6

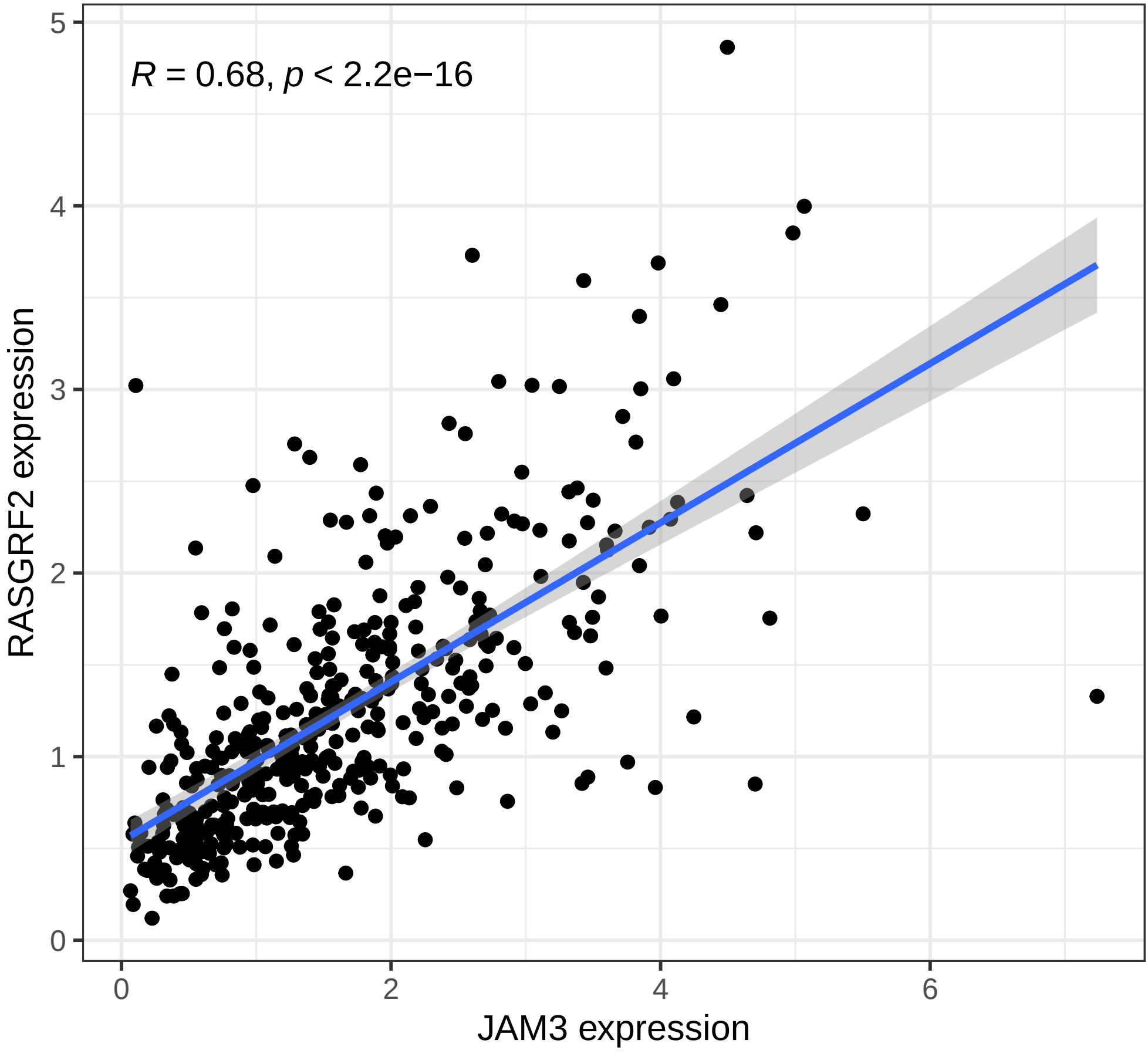

R = 0.64, p < 2.2e−16
PTGER3 expression
JAM3 expression
0
2
4
0
2
4
6

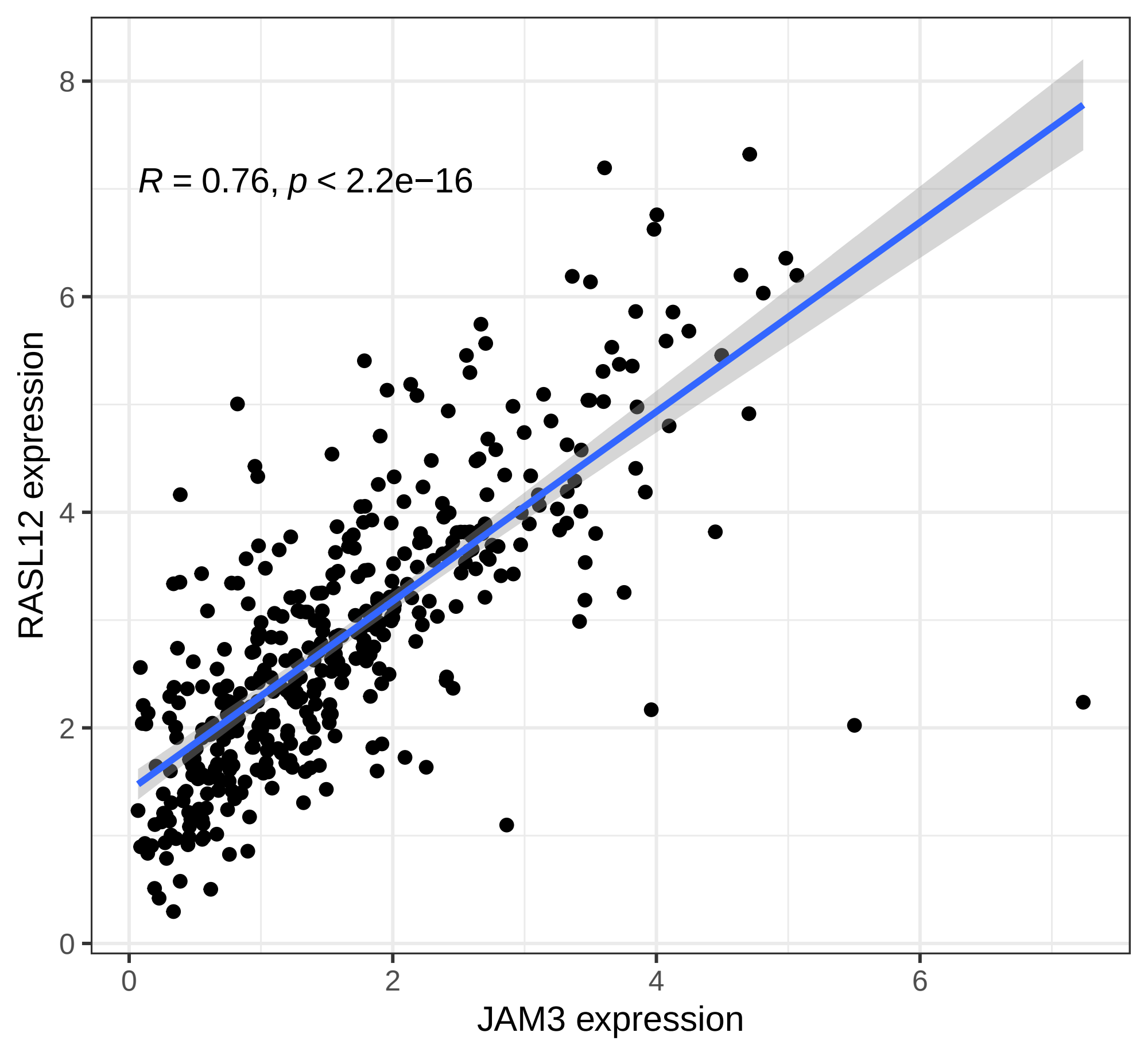

R = 0.62, p < 2.2e−16
PTGFR expression
JAM3 expression
0
2
4
0
2
4
6

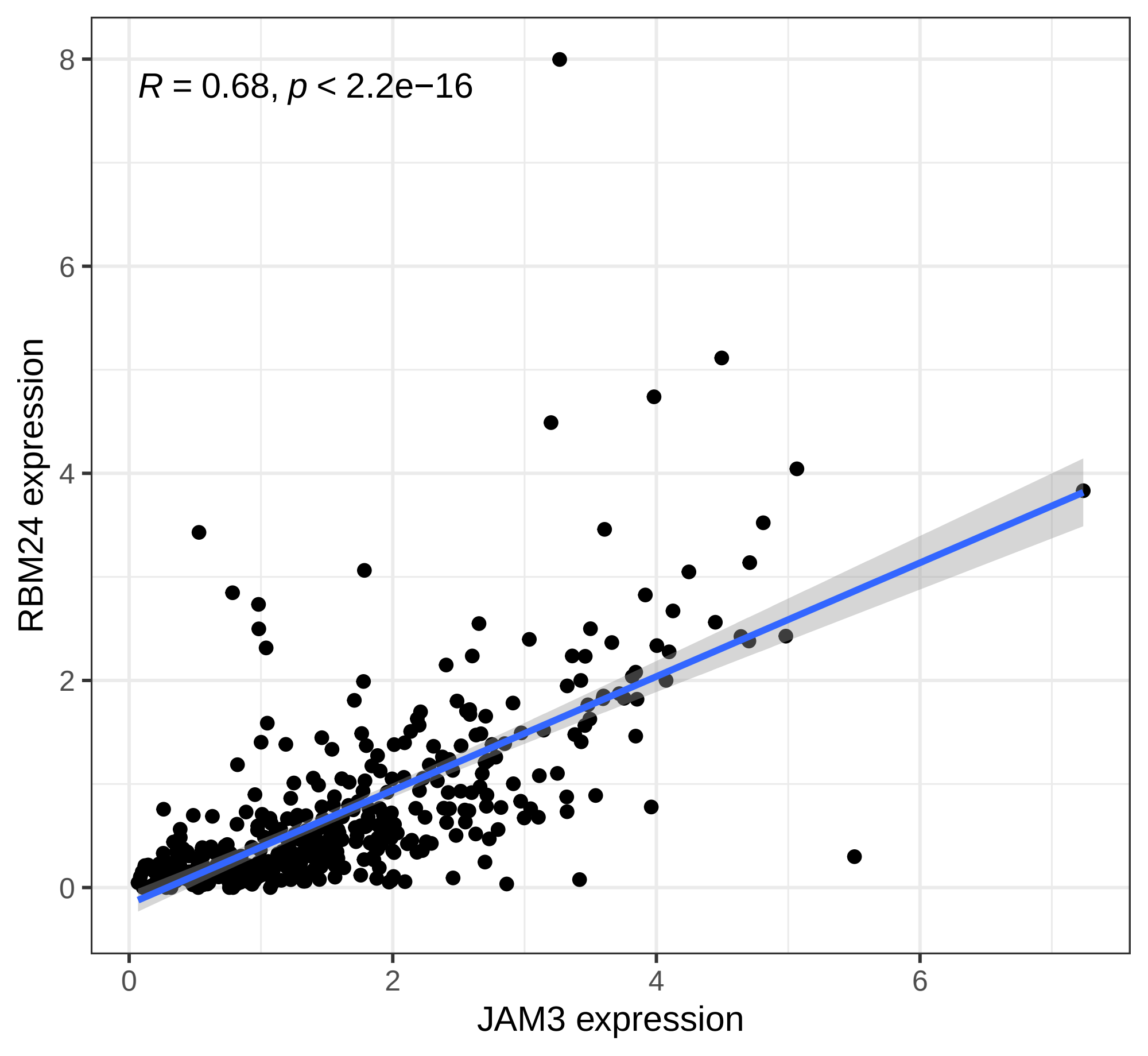

10.0
7.5
5.0
2.5
PXDN expression
R = 0.71, p < 2.2e−16
0
2
4
6
JAM3 expression

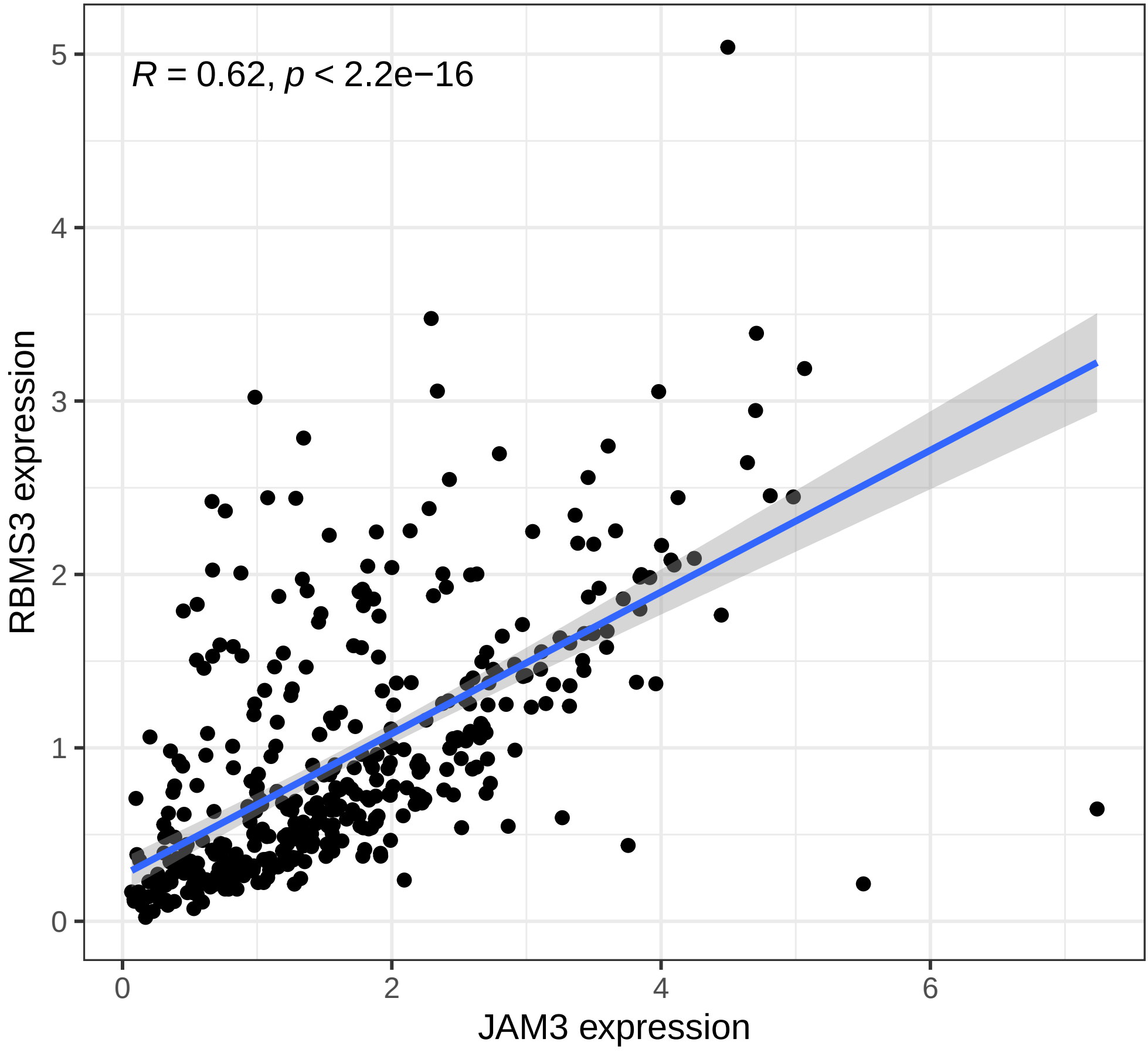

R = 0.6, p < 2.2e−16
PYGM expression
JAM3 expression
0
2
4
0
2
4
6

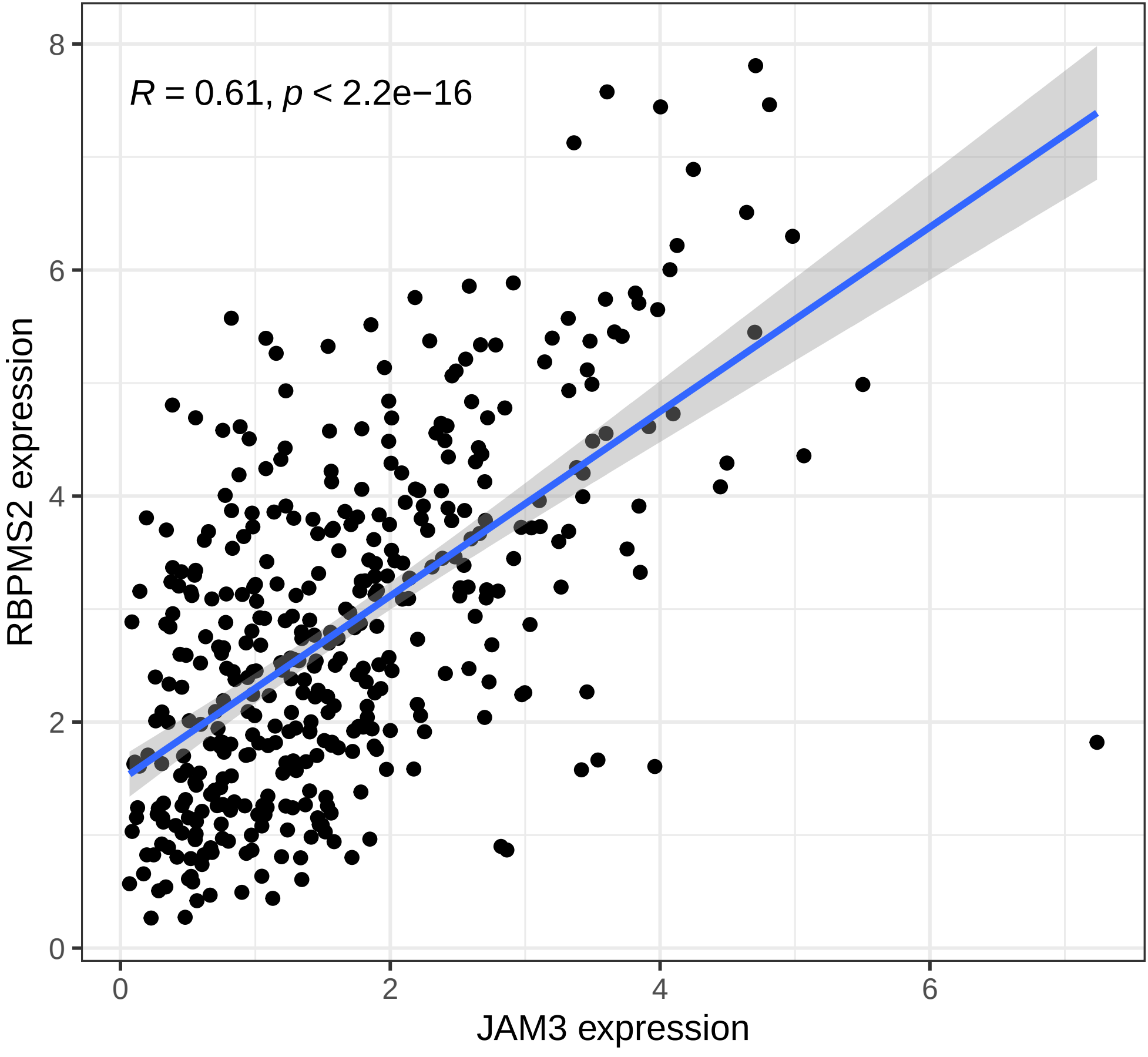

R = 0.72, p < 2.2e−16
RAB23 expression
JAM3 expression
0
2
4
6
0
2
4
6

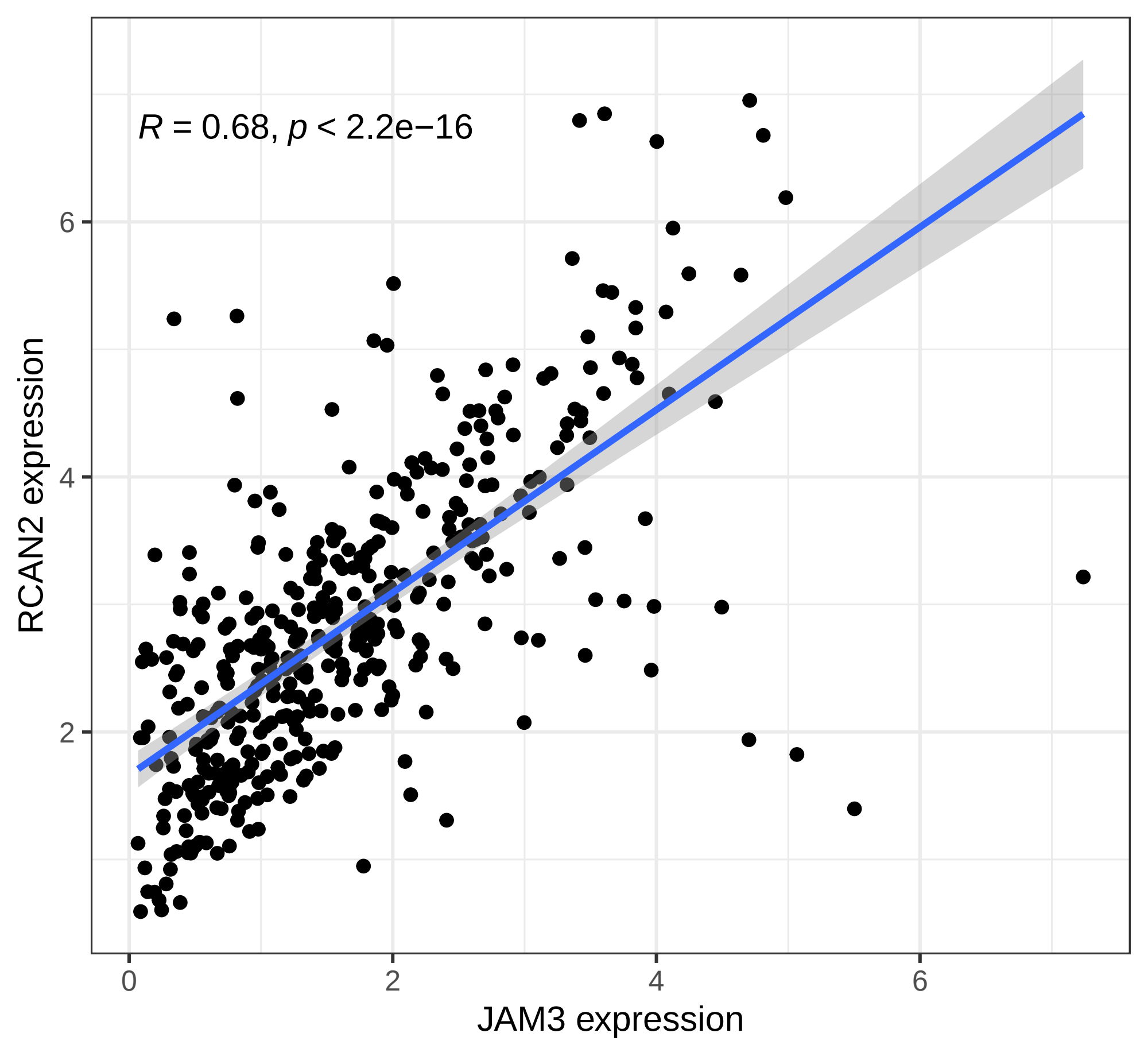

R = 0.68, p < 2.2e−16
RASGRF2 expression
JAM3 expression
0
1
2
3
4
5
0
2
4
6

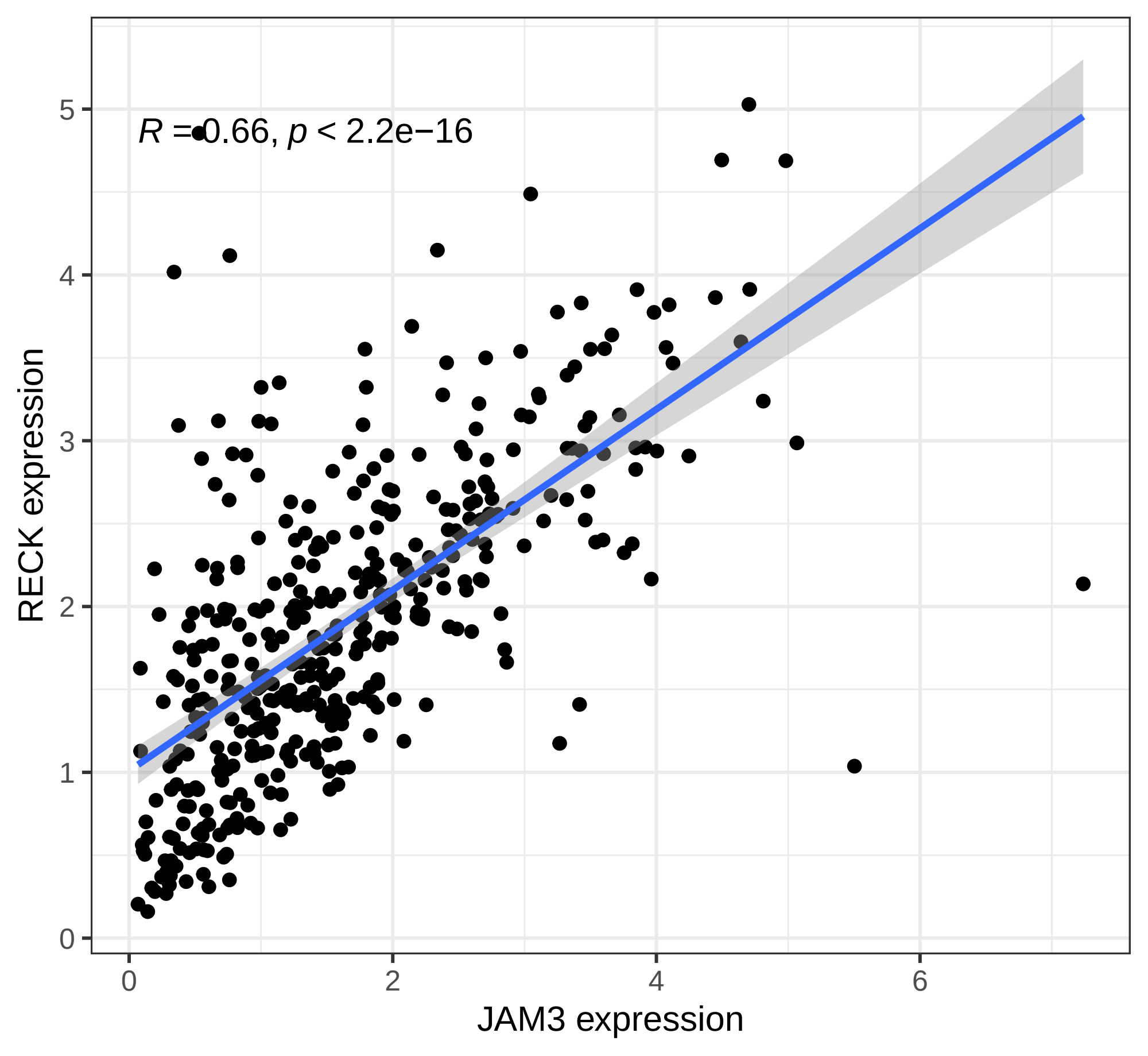

R = 0.76, p < 2.2e−16
RASL12 expression
JAM3 expression
0
2
4
6
8
0
2
4
6

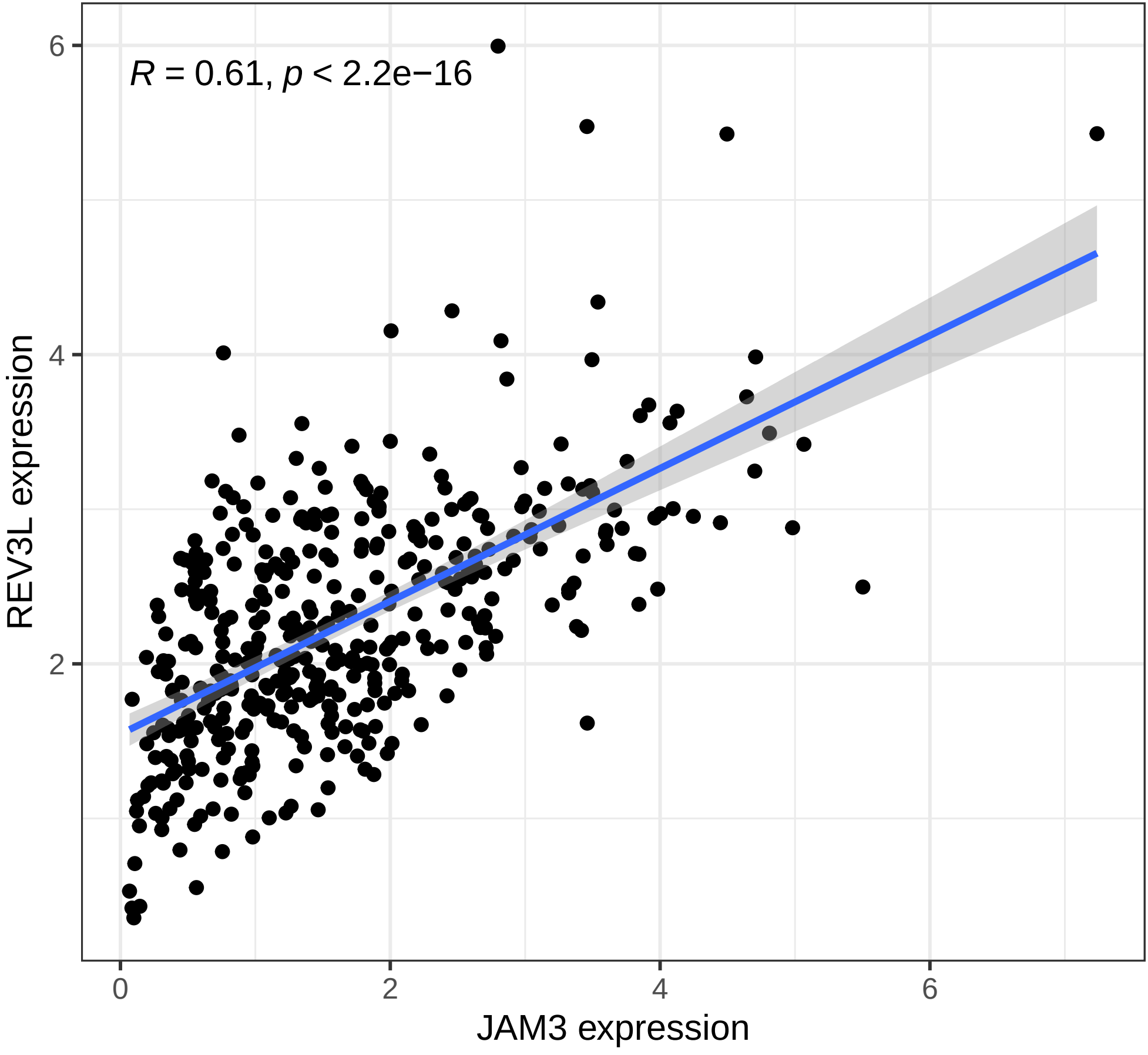

R = 0.68, p < 2.2e−16
RBM24 expression
JAM3 expression
0
2
4
6
8

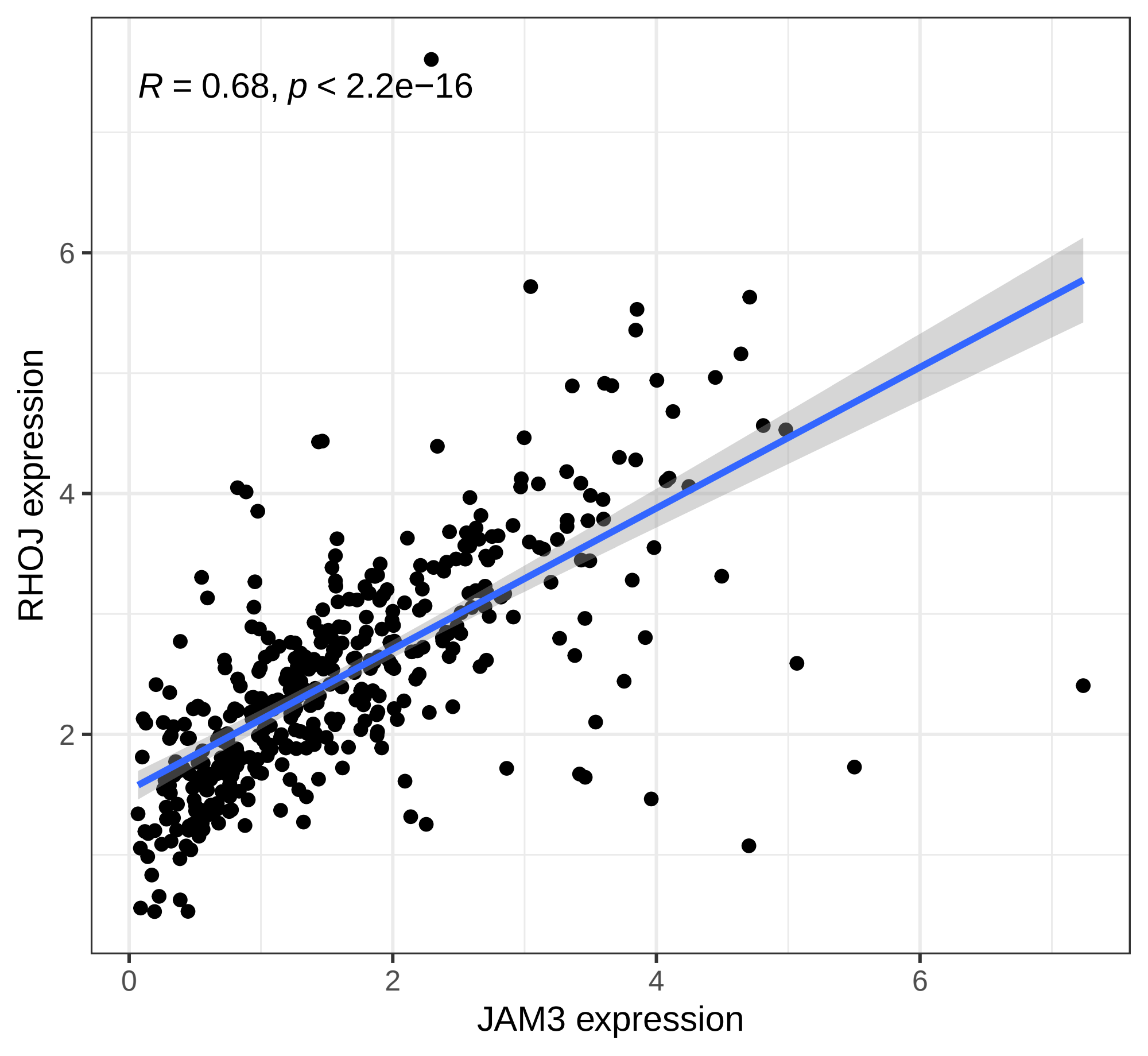

R = 0.62, p < 2.2e−16
RBMS3 expression
JAM3 expression
0
1
2
3
4
5
0
2
4
6

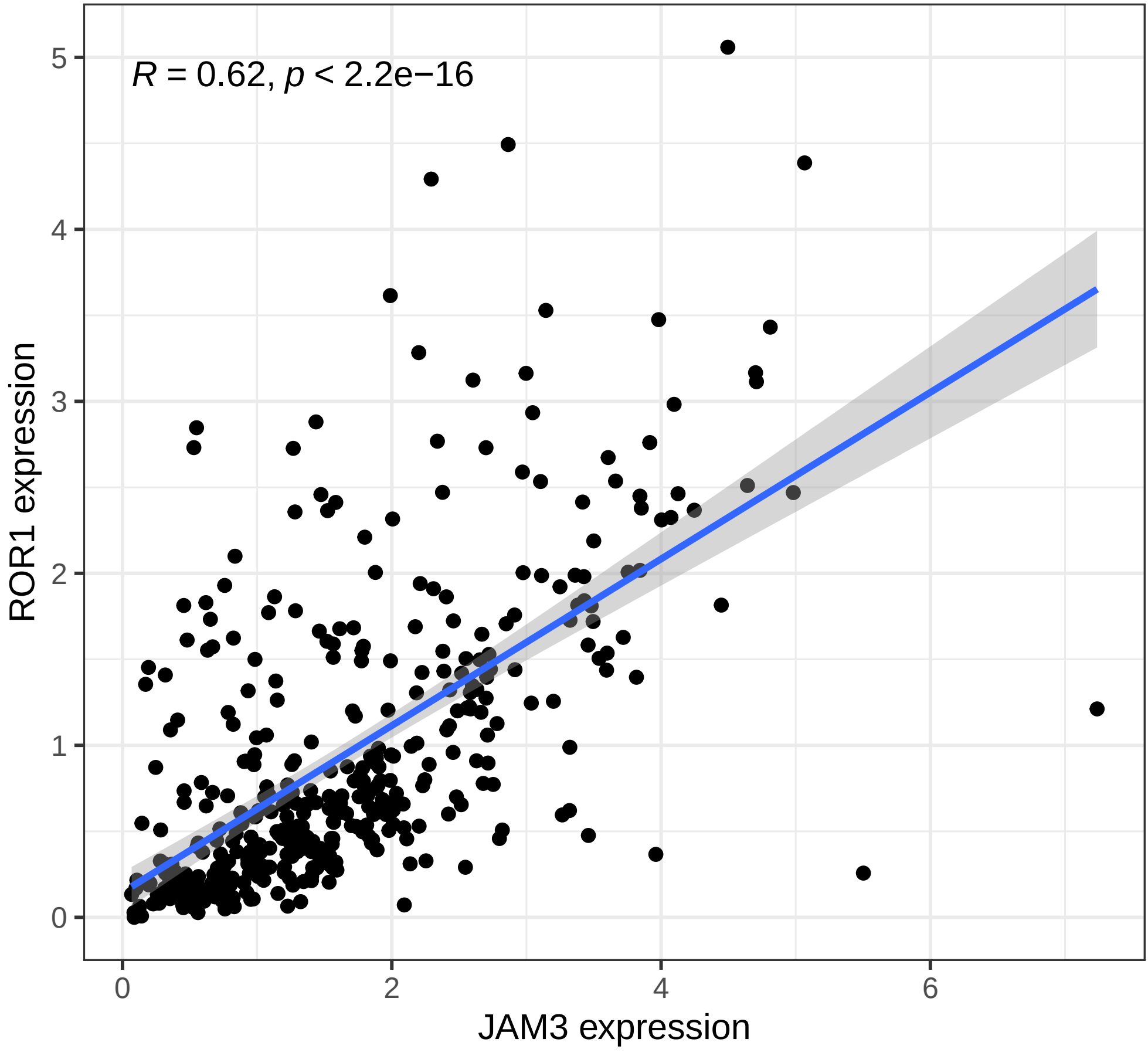

R = 0.61, p < 2.2e−16
RBPMS2 expression
JAM3 expression
0
2
4
6
8
0
2
4
6

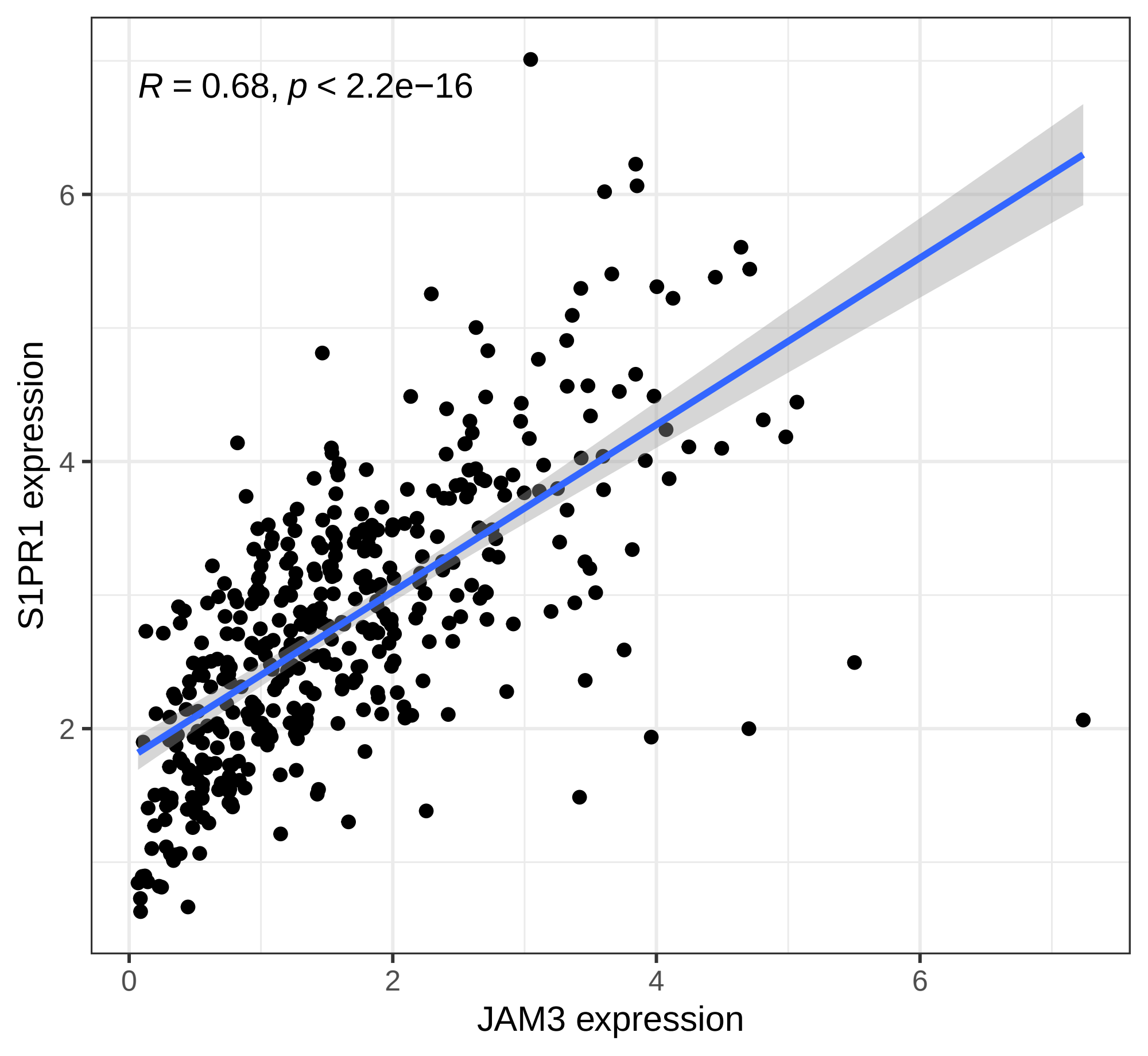

R = 0.68, p < 2.2e−16
RCAN2 expression
JAM3 expression
0
2
4
6
2
4
6

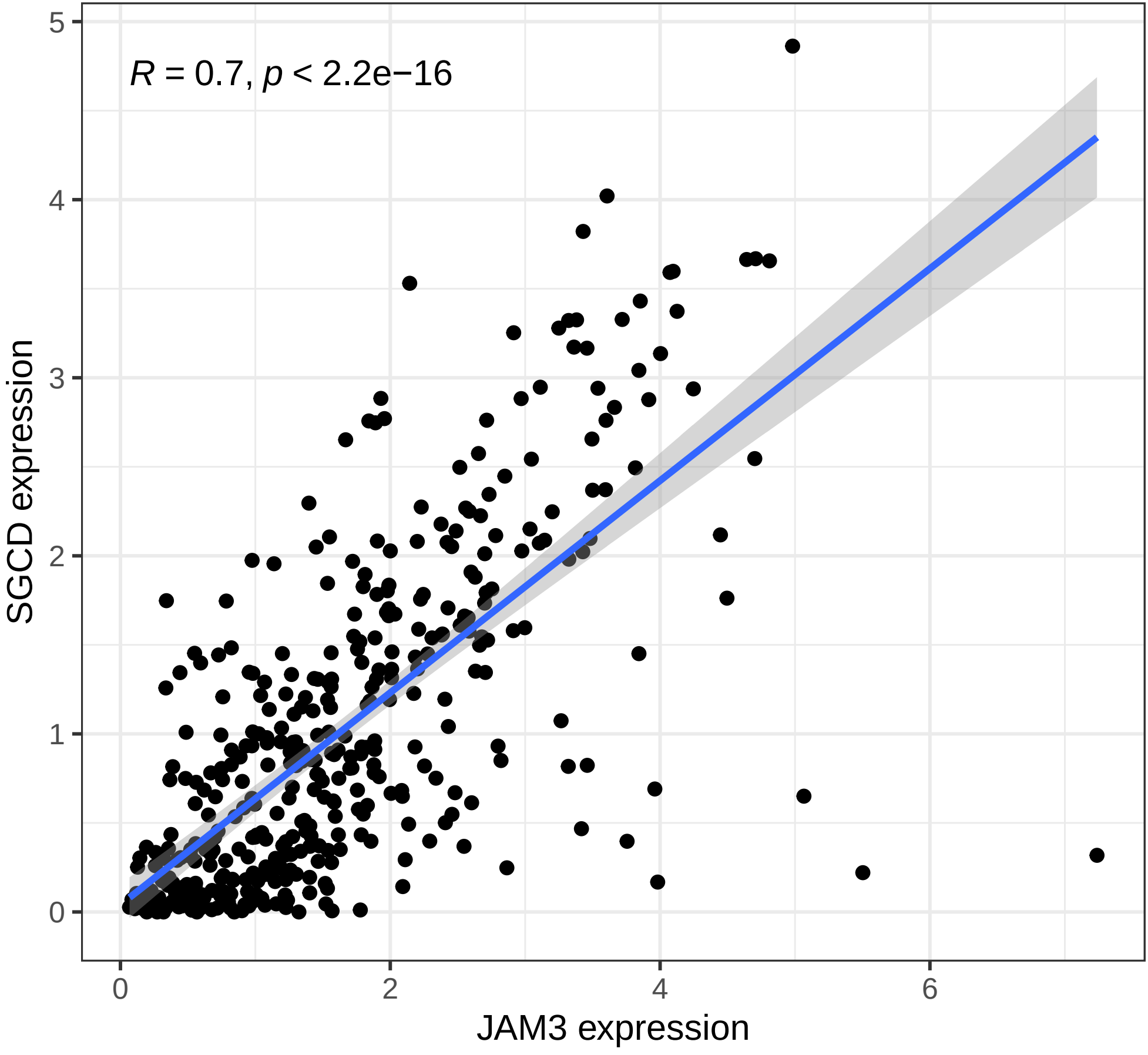

R = 0.66, p < 2.2e−16
RECK expression
JAM3 expression
0
1
2
3
4
5
0
2
4
6

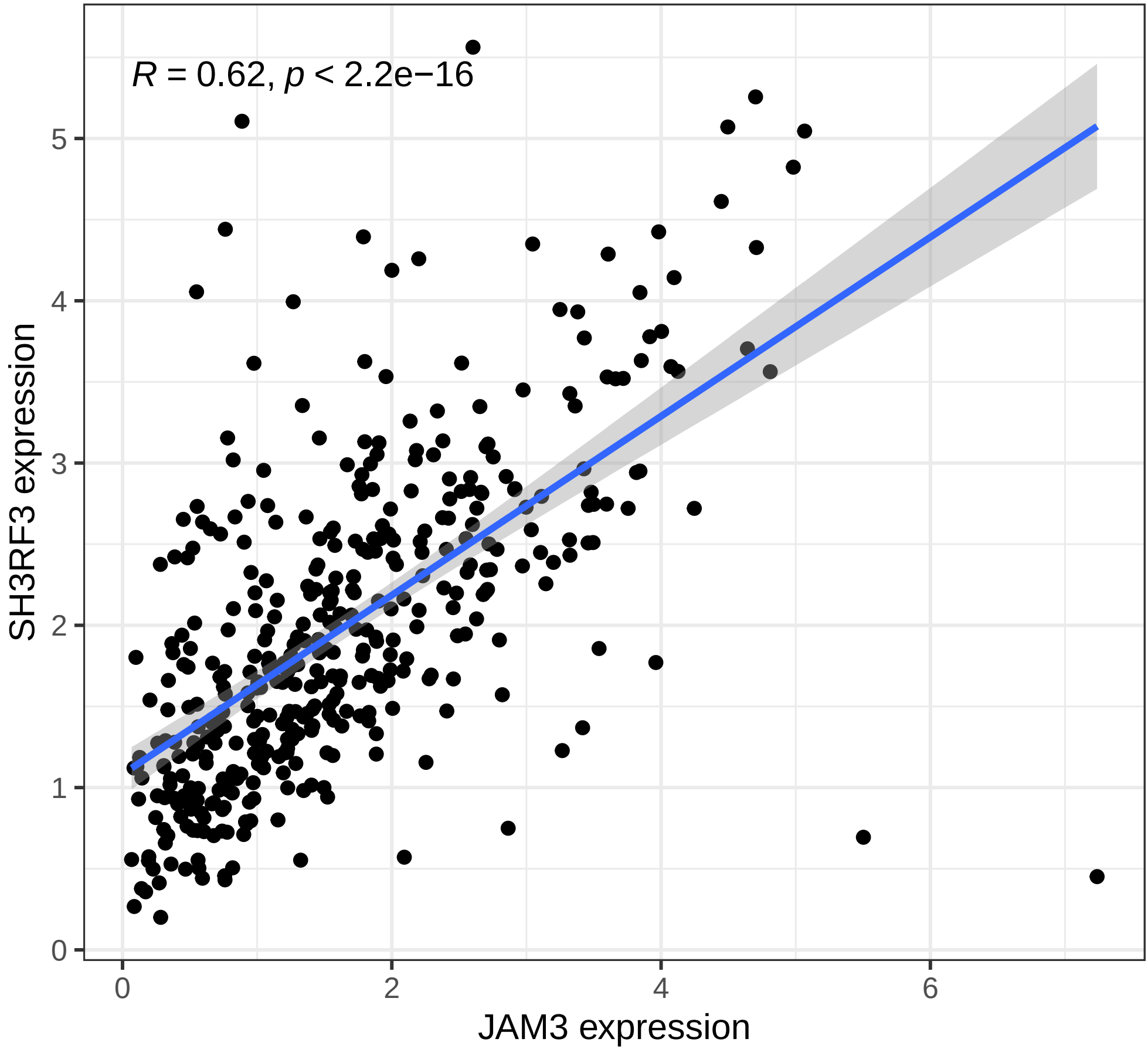

R = 0.61, p < 2.2e−16
REV3L expression
JAM3 expression
6
4
2
0
2
4
6

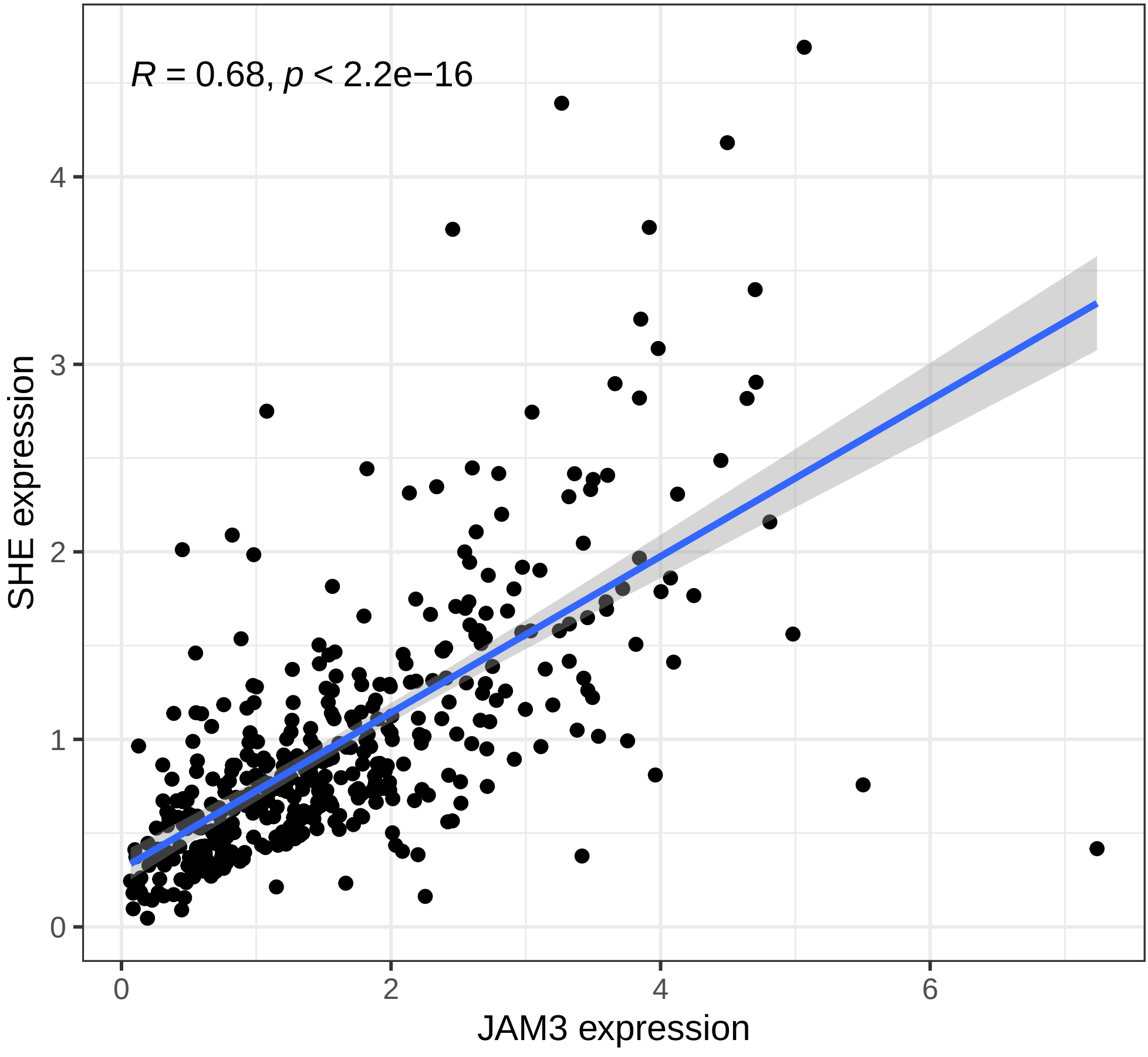

R = 0.68, p < 2.2e−16
RHOJ expression
JAM3 expression
0
2
4
6
2
4
6

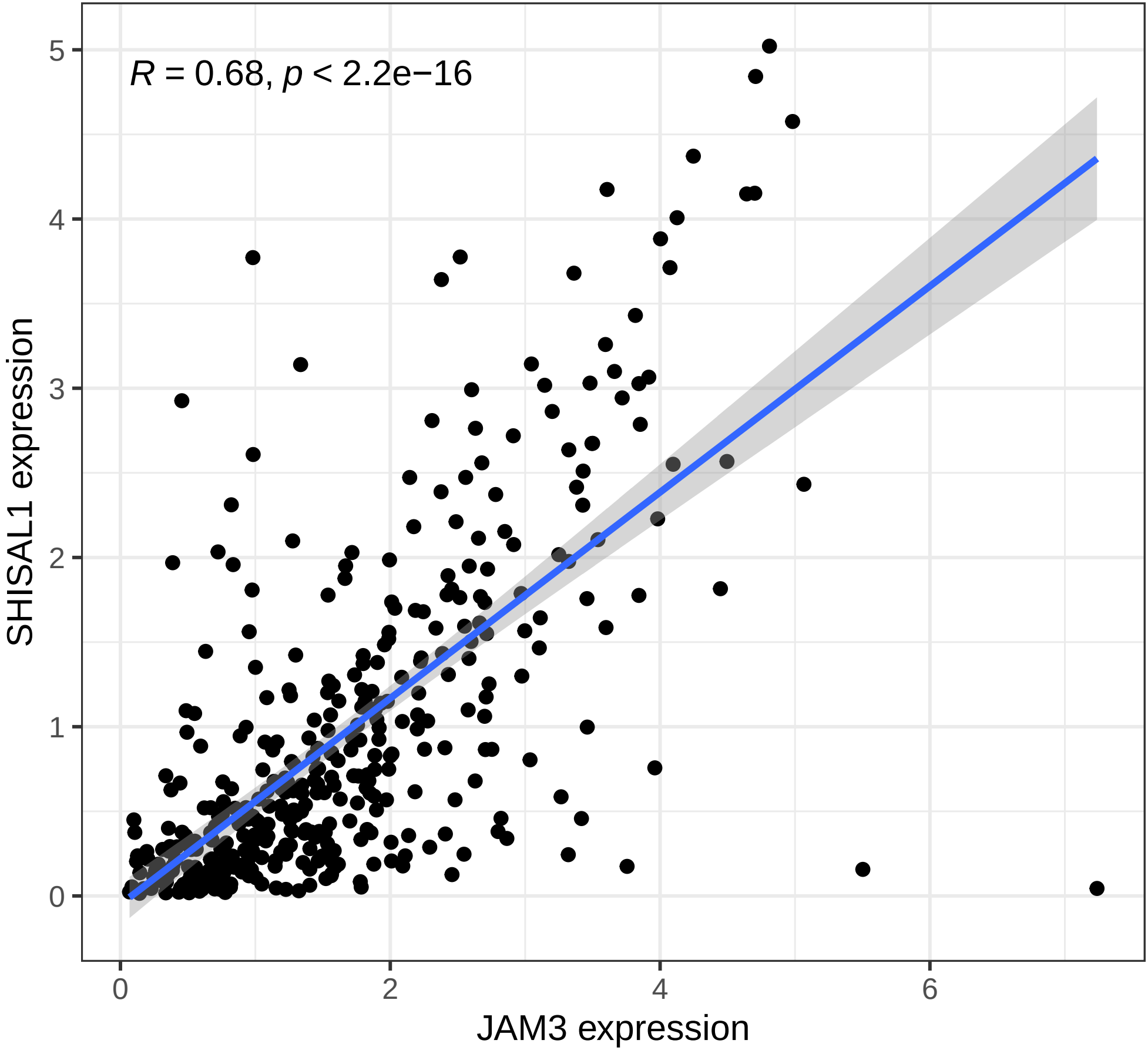

R = 0.62, p < 2.2e−16
ROR1 expression
JAM3 expression
0
1
2
3
4
5
0
2
4
6

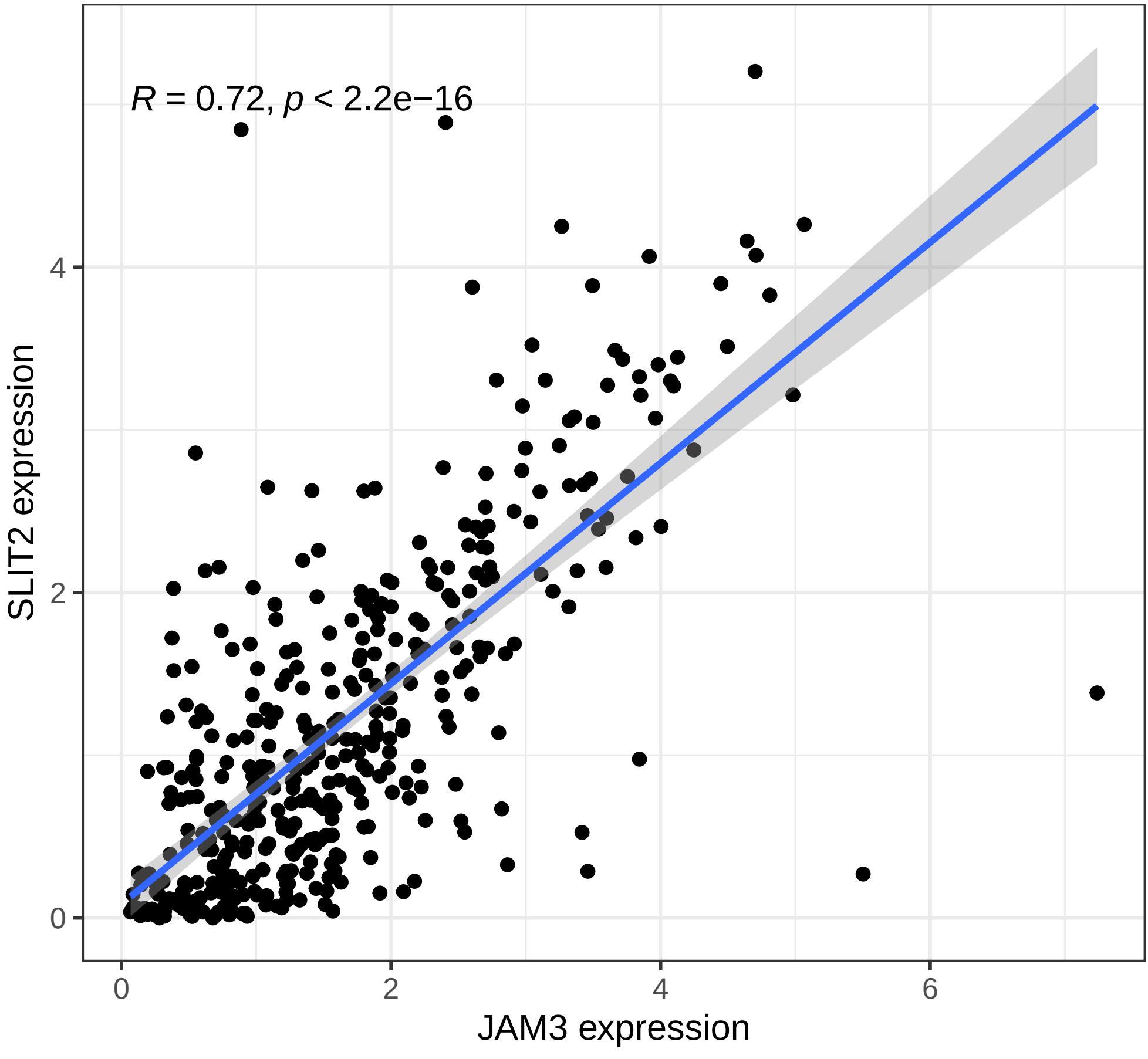

R = 0.68, p < 2.2e−16
S1PR1 expression
JAM3 expression
0
2
4
6
2
4
6

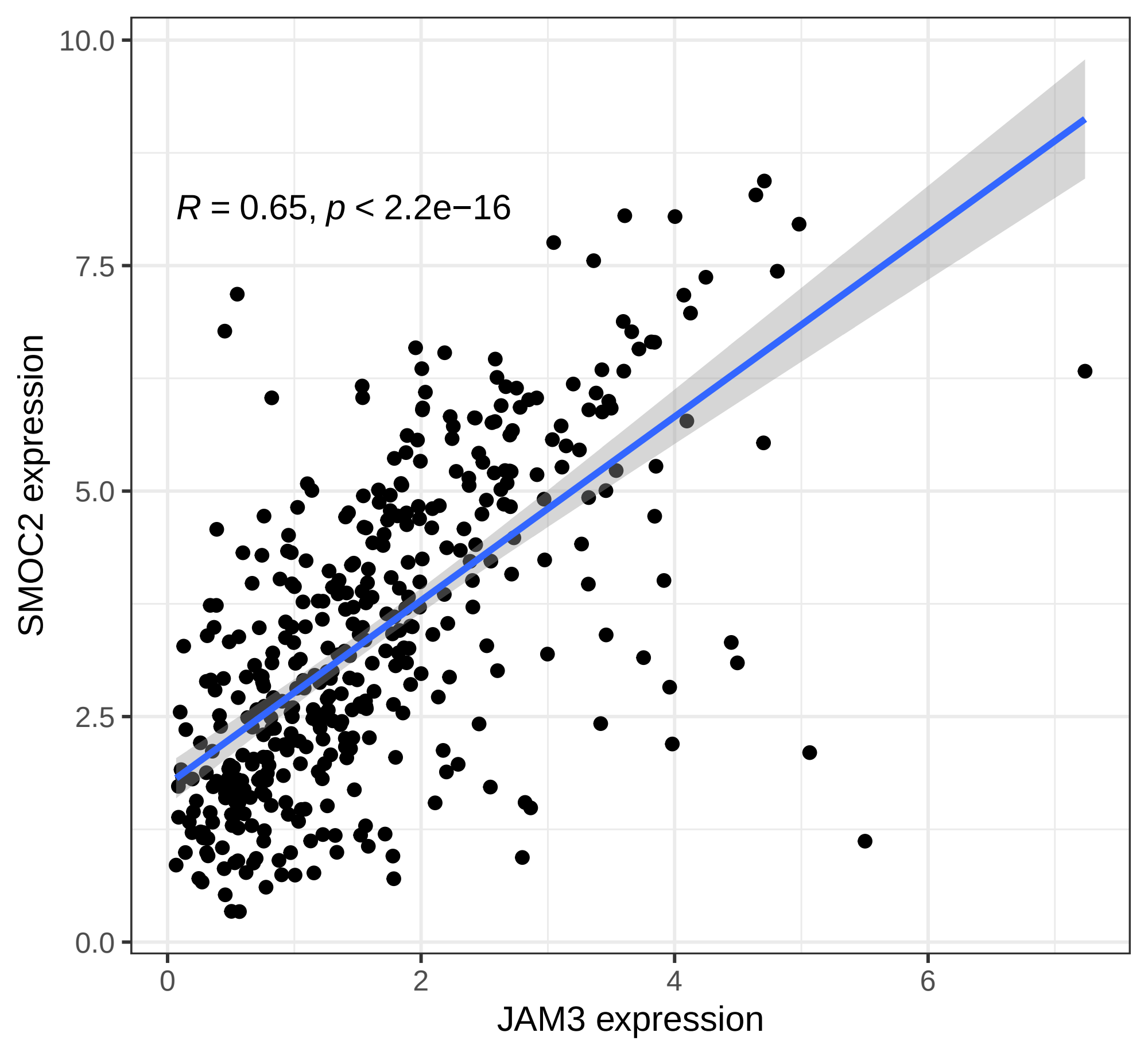

R = 0.7, p < 2.2e−16
SGCD expression
JAM3 expression
0
1
2
3
4
5
0
2
4
6

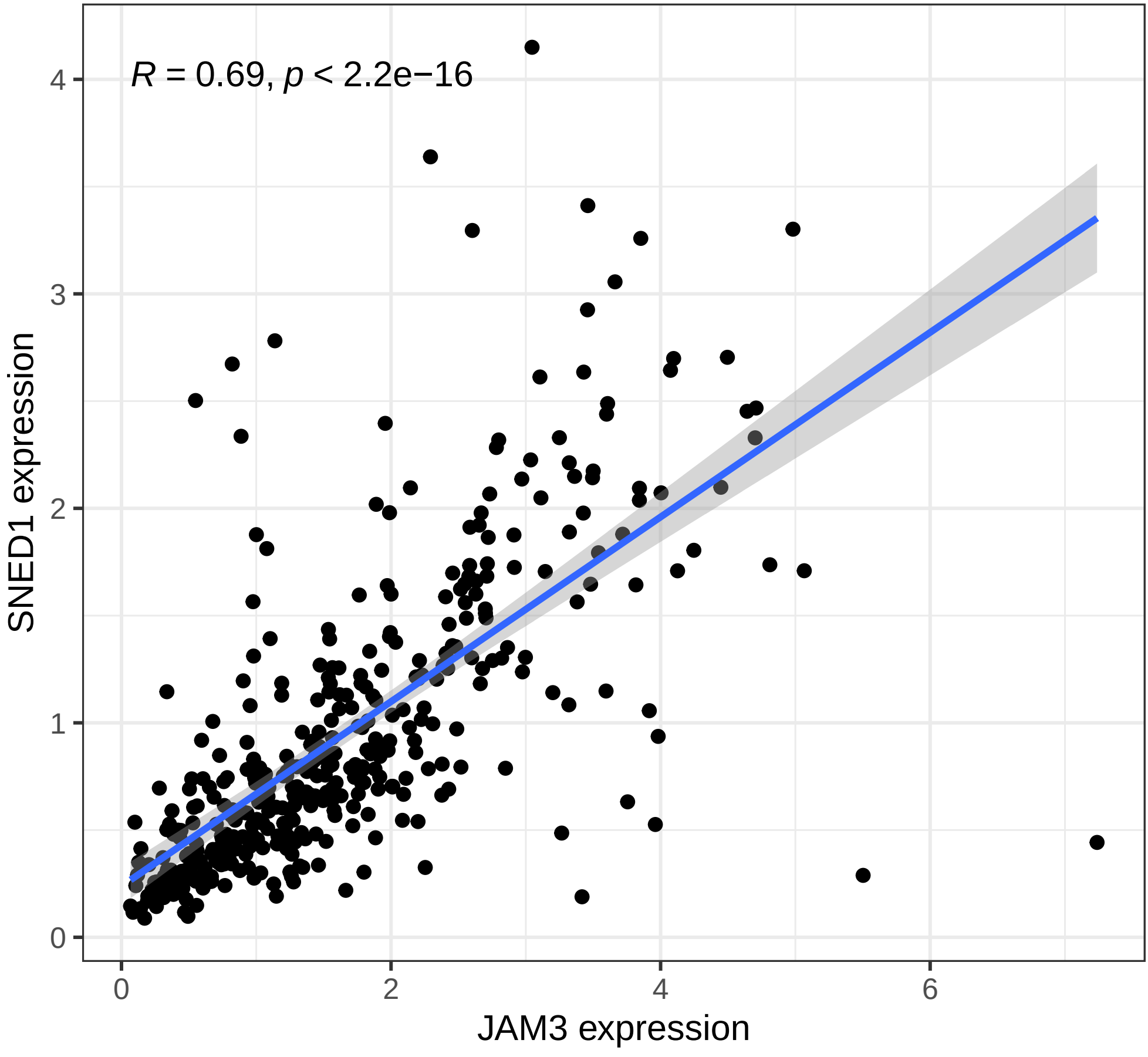

R = 0.62, p < 2.2e−16
SH3RF3 expression
JAM3 expression
0
1
2
3
4
5
0
2
4
6

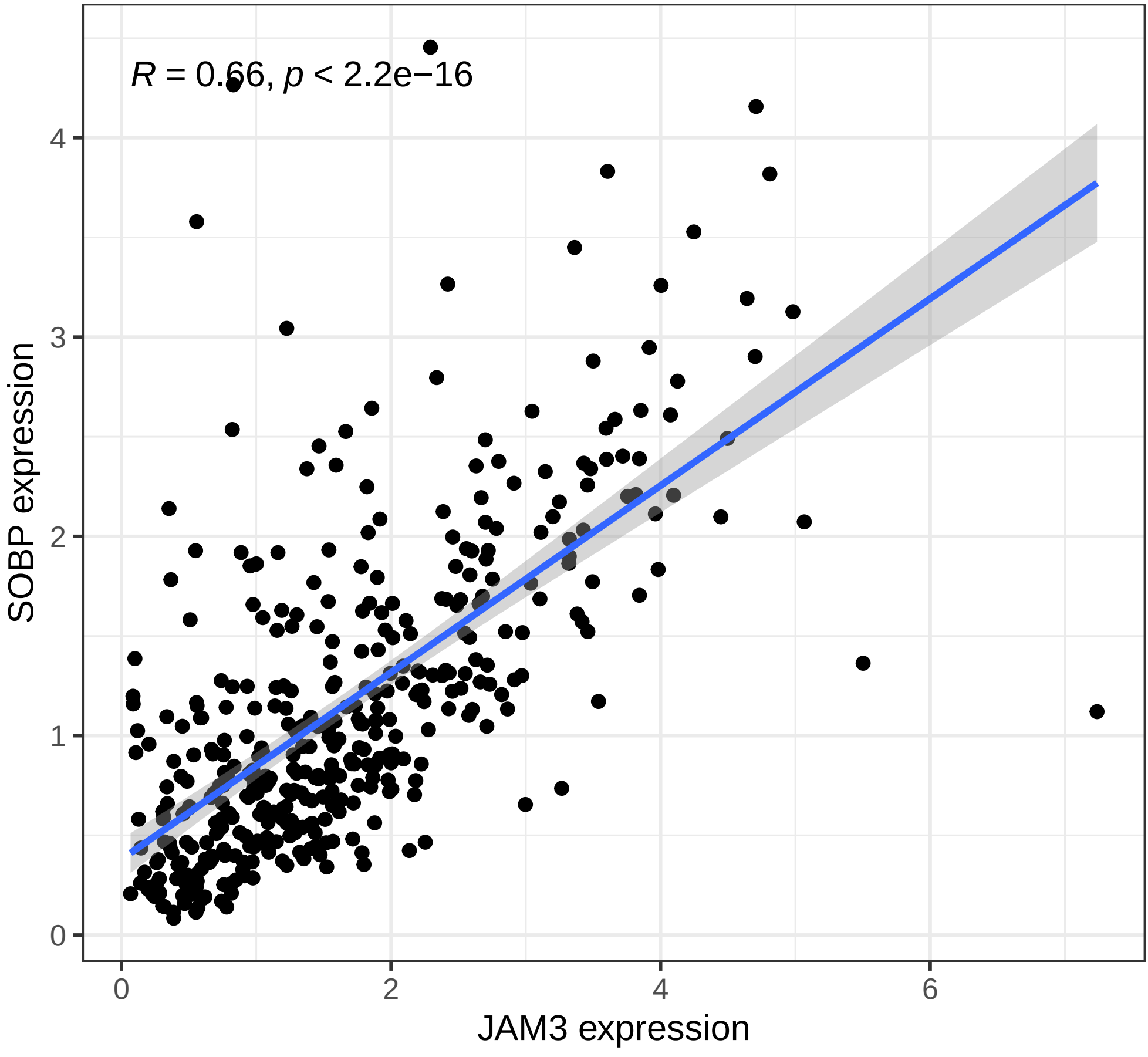

R = 0.68, p < 2.2e−16
SHE expression
JAM3 expression
0
1
2
3
4
0
2
4
6

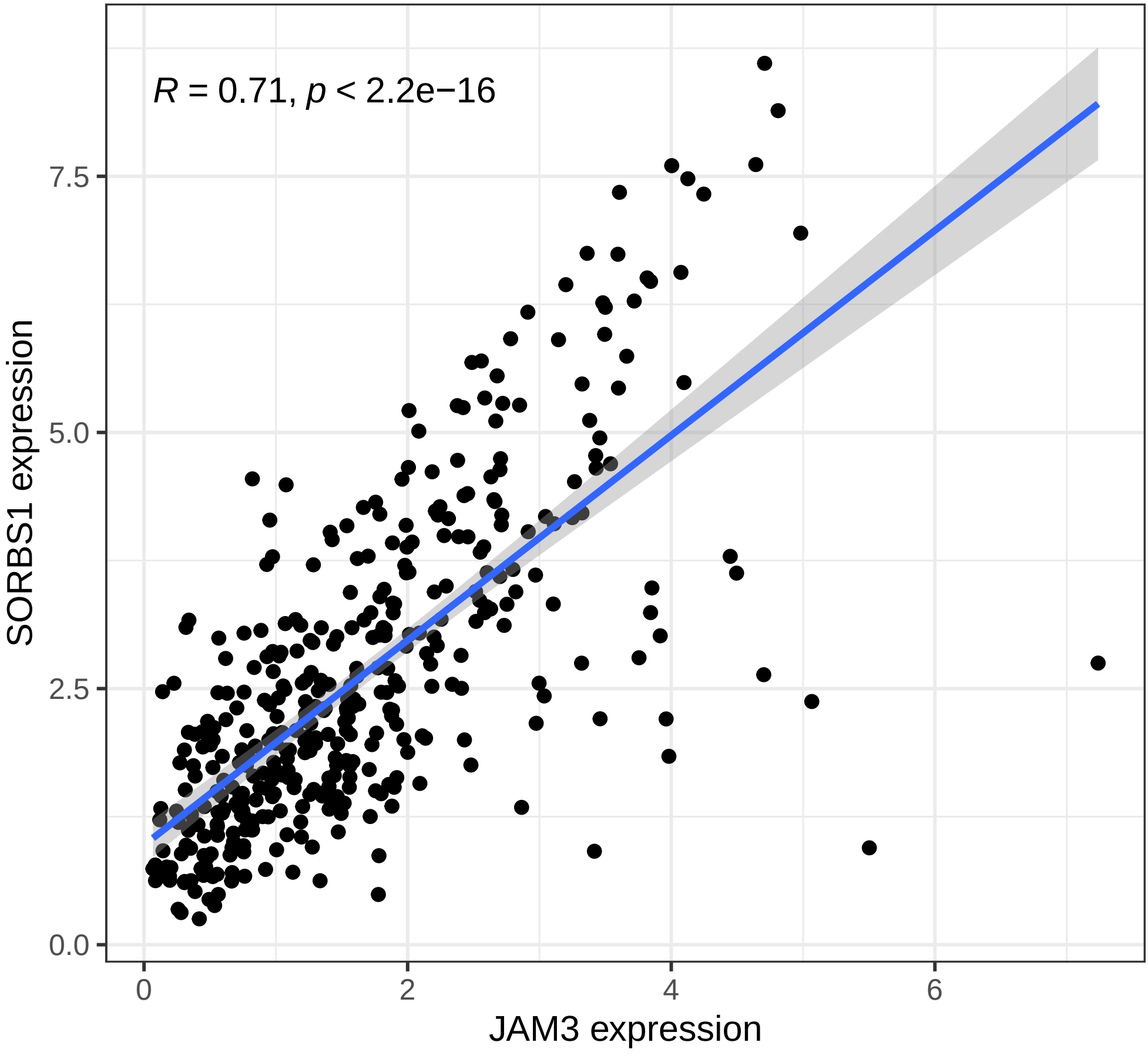

R = 0.68, p < 2.2e−16
SHISAL1 expression
JAM3 expression
0
1
2
3
4
5
0
2
4
6

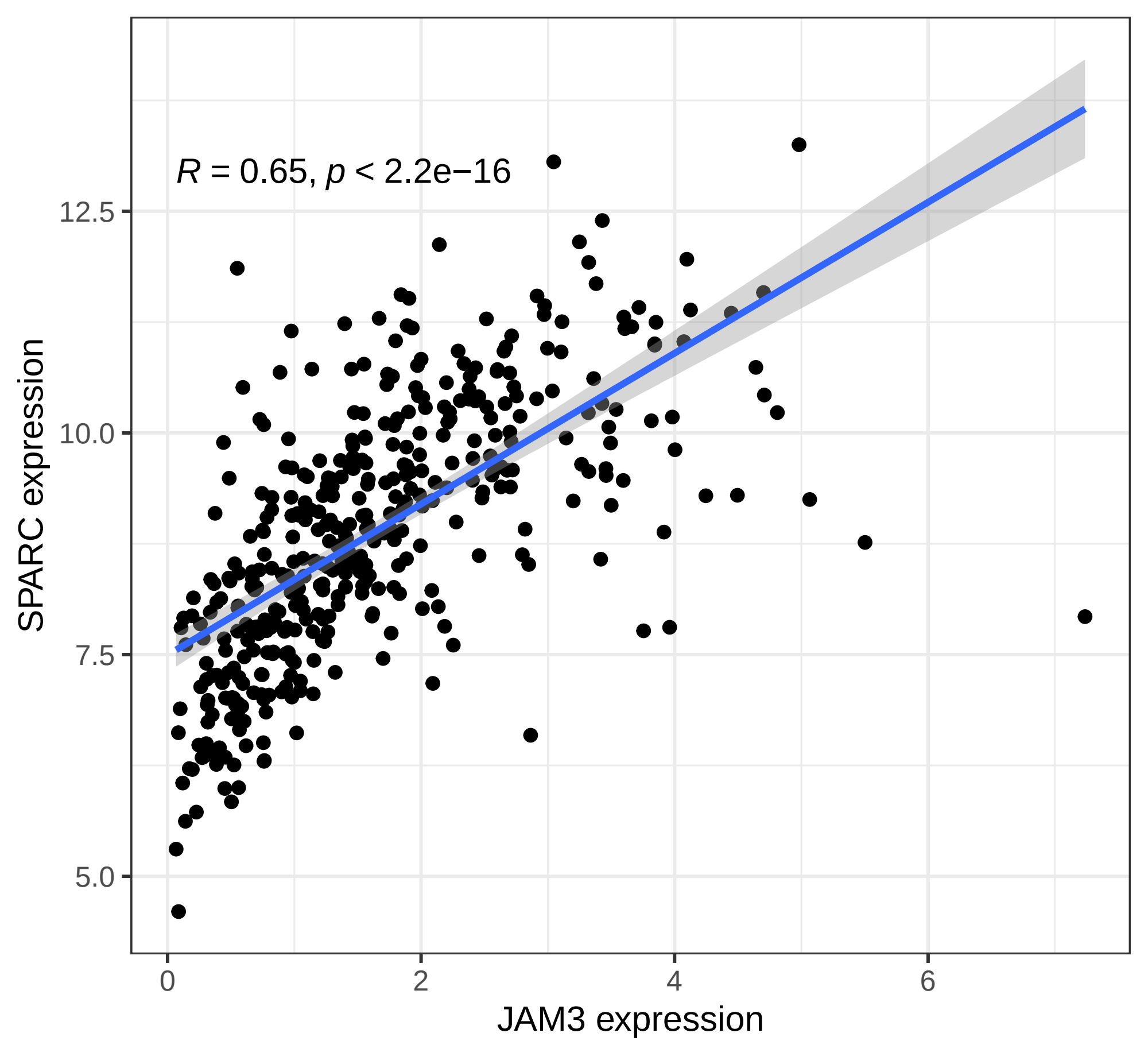

R = 0.72, p < 2.2e−16
SLIT2 expression
JAM3 expression
0
2
4
0
2
4
6

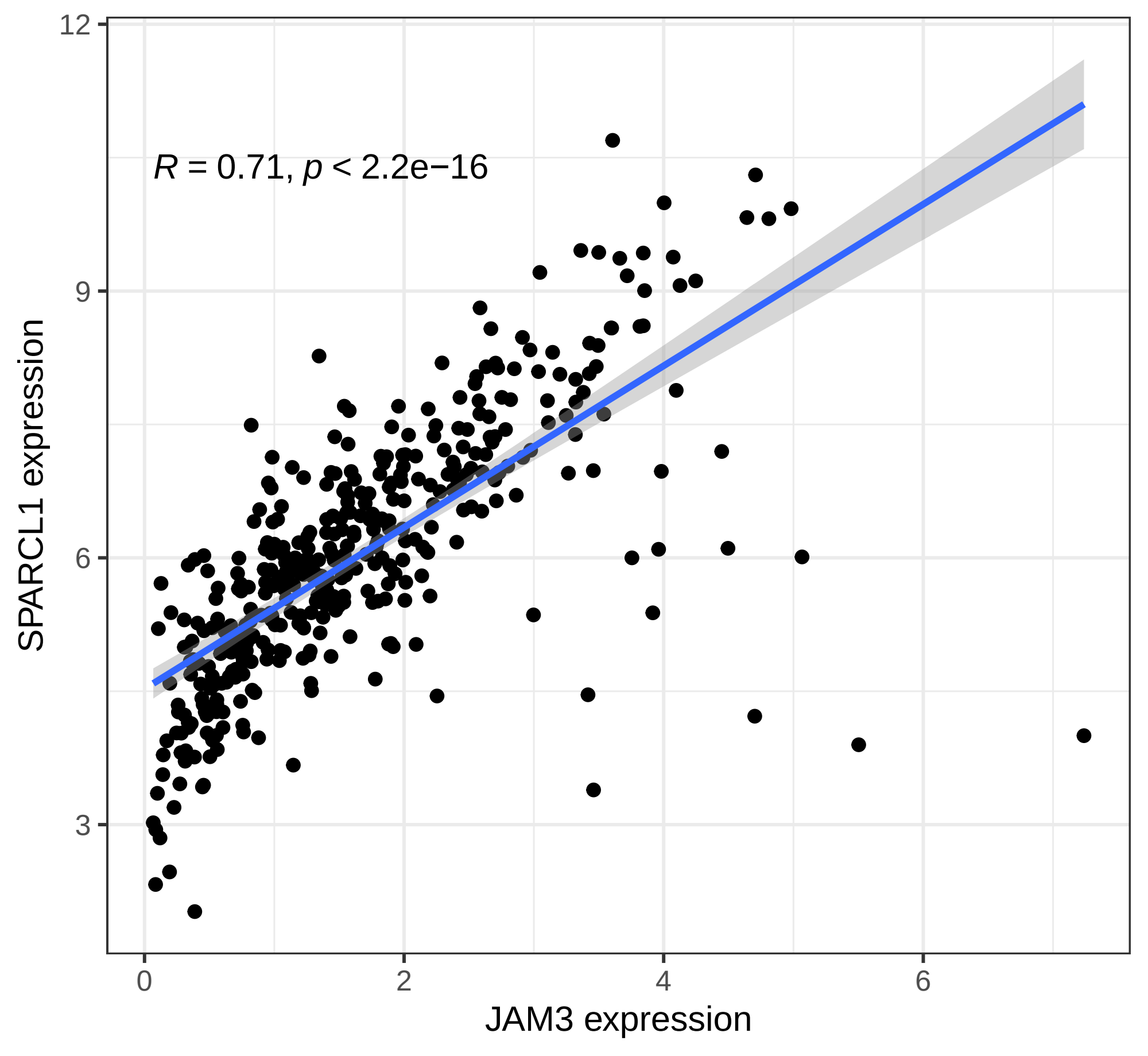

10.0
7.5
5.0
2.5
0.0
SMOC2 expression
R = 0.65, p < 2.2e−16
0
2
4
6
JAM3 expression

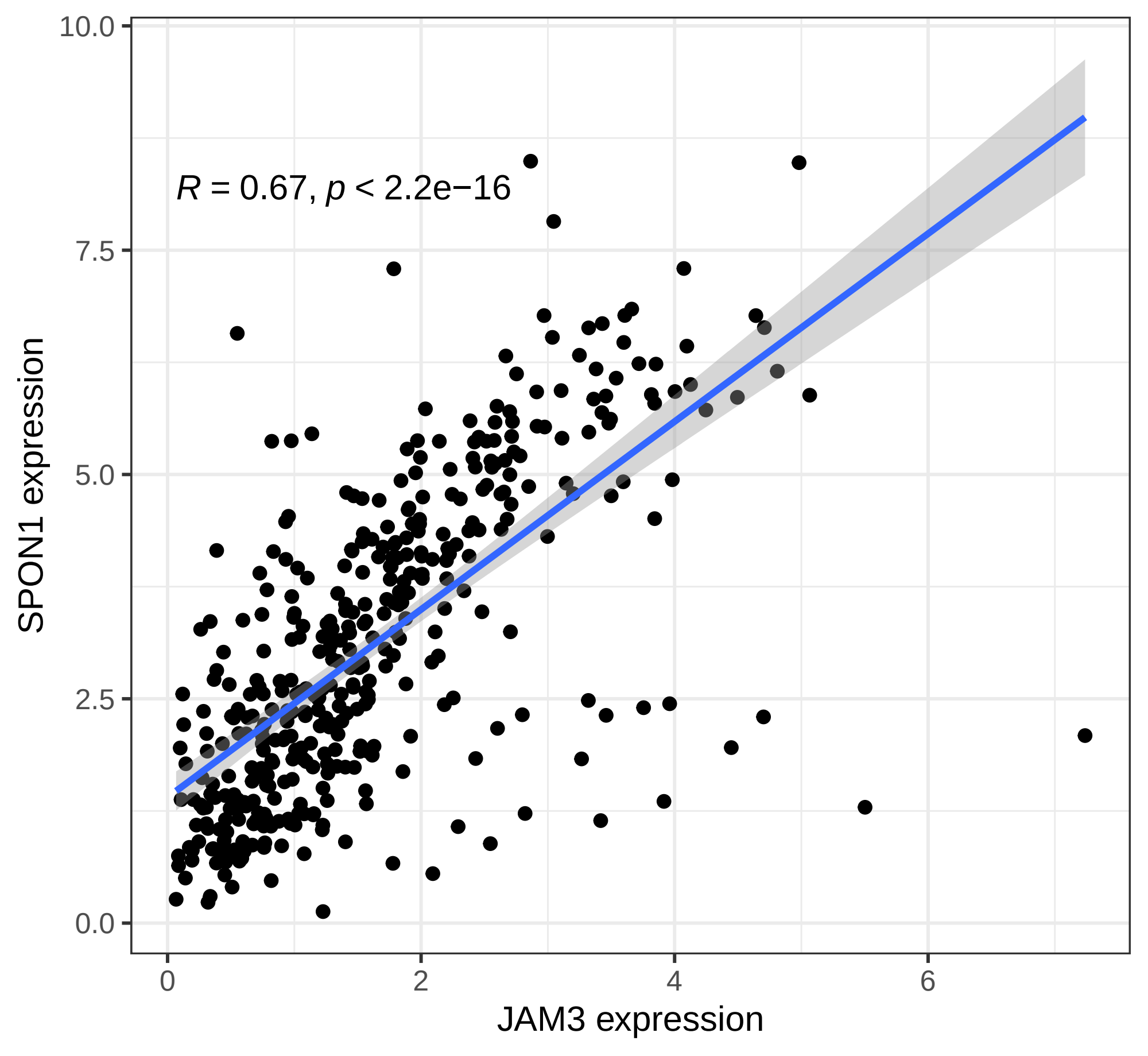

R = 0.69, p < 2.2e−16
SNED1 expression
JAM3 expression
0
1
2
3
4
0
2
4
6

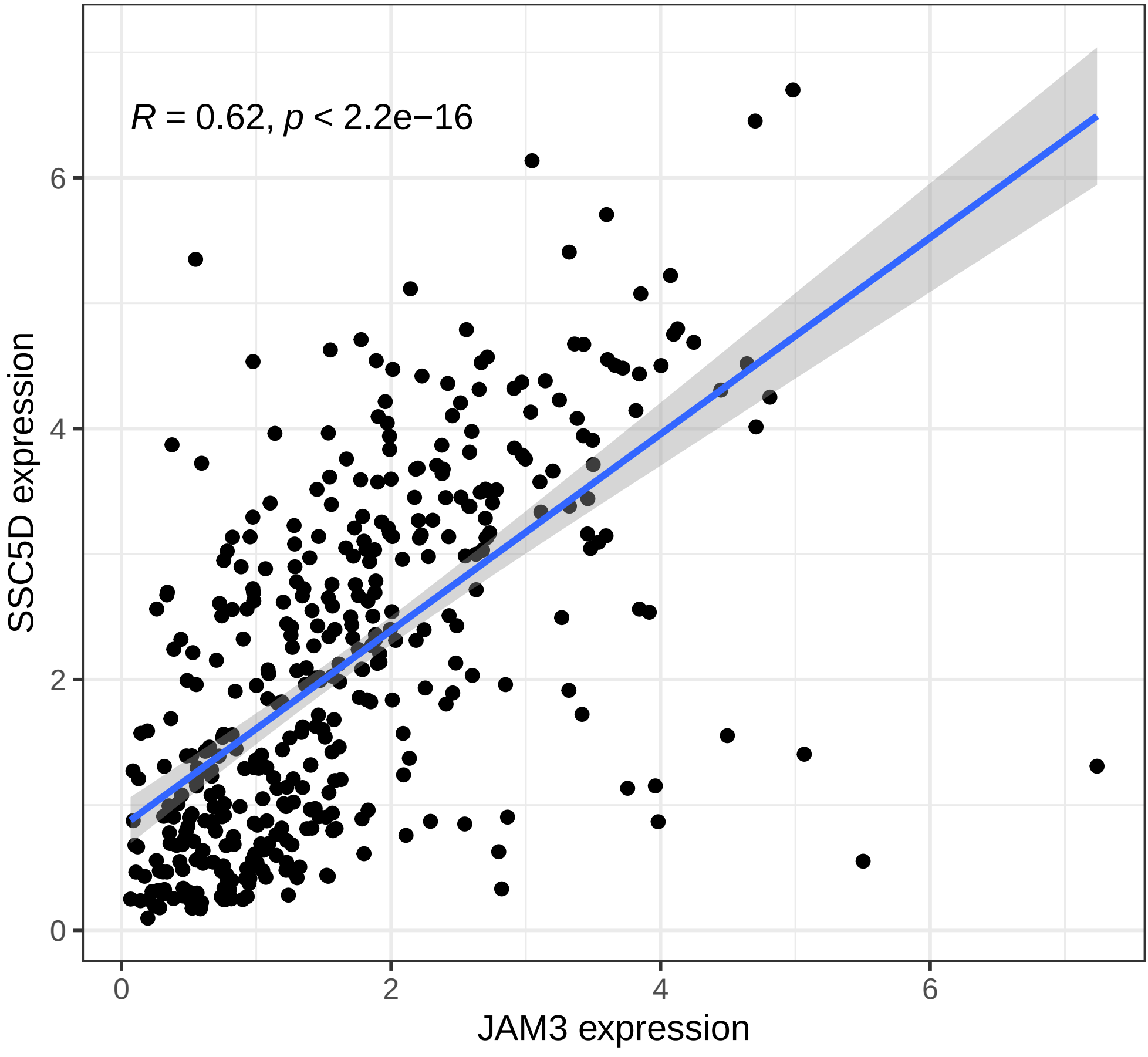

R = 0.66, p < 2.2e−16
SOBP expression
JAM3 expression
0
1
2
3
4
0
2
4
6

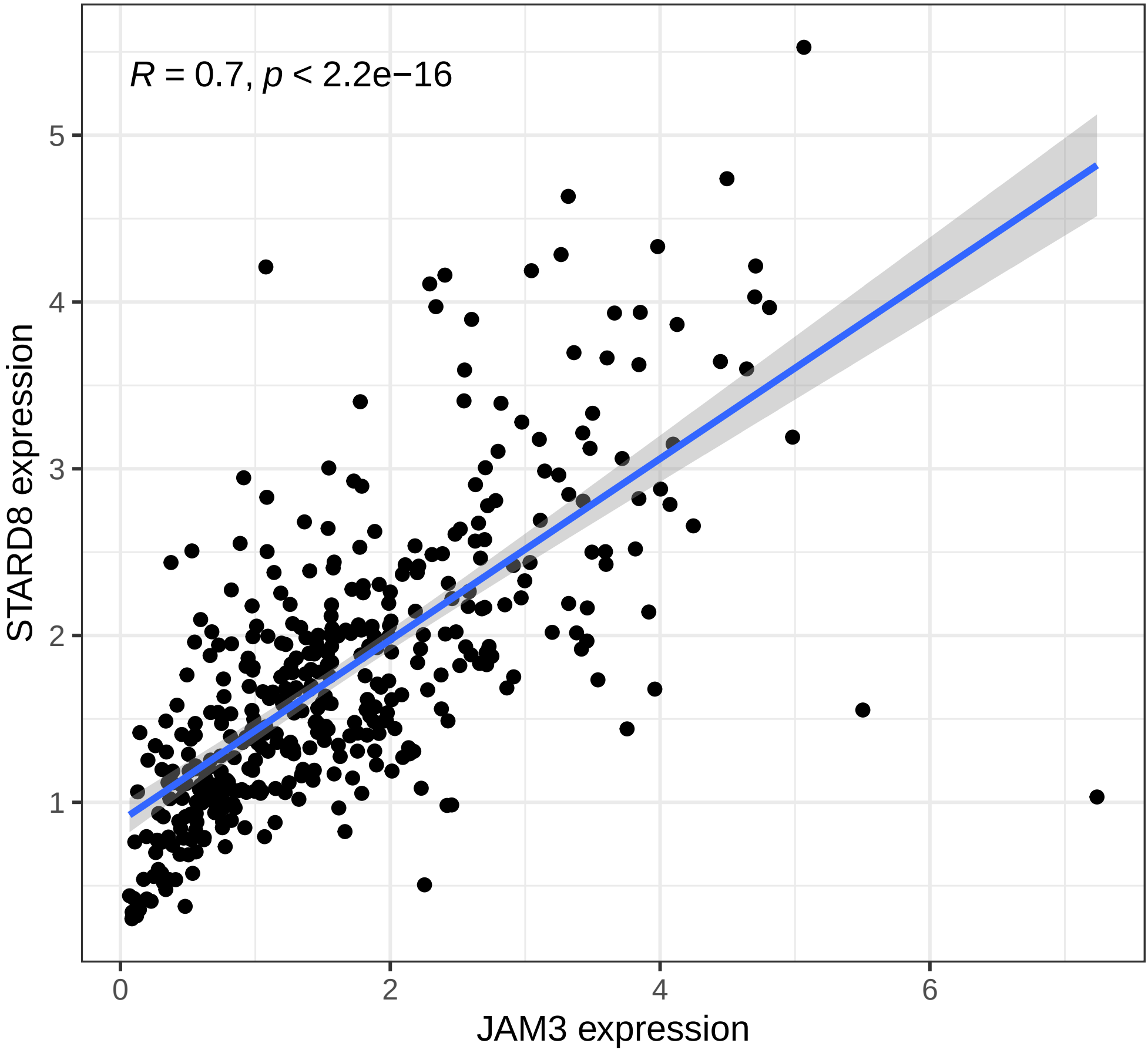

R = 0.71, p < 2.2e−16
SORBS1 expression
JAM3 expression
0.0
2.5
5.0
7.5
0
2
4
6

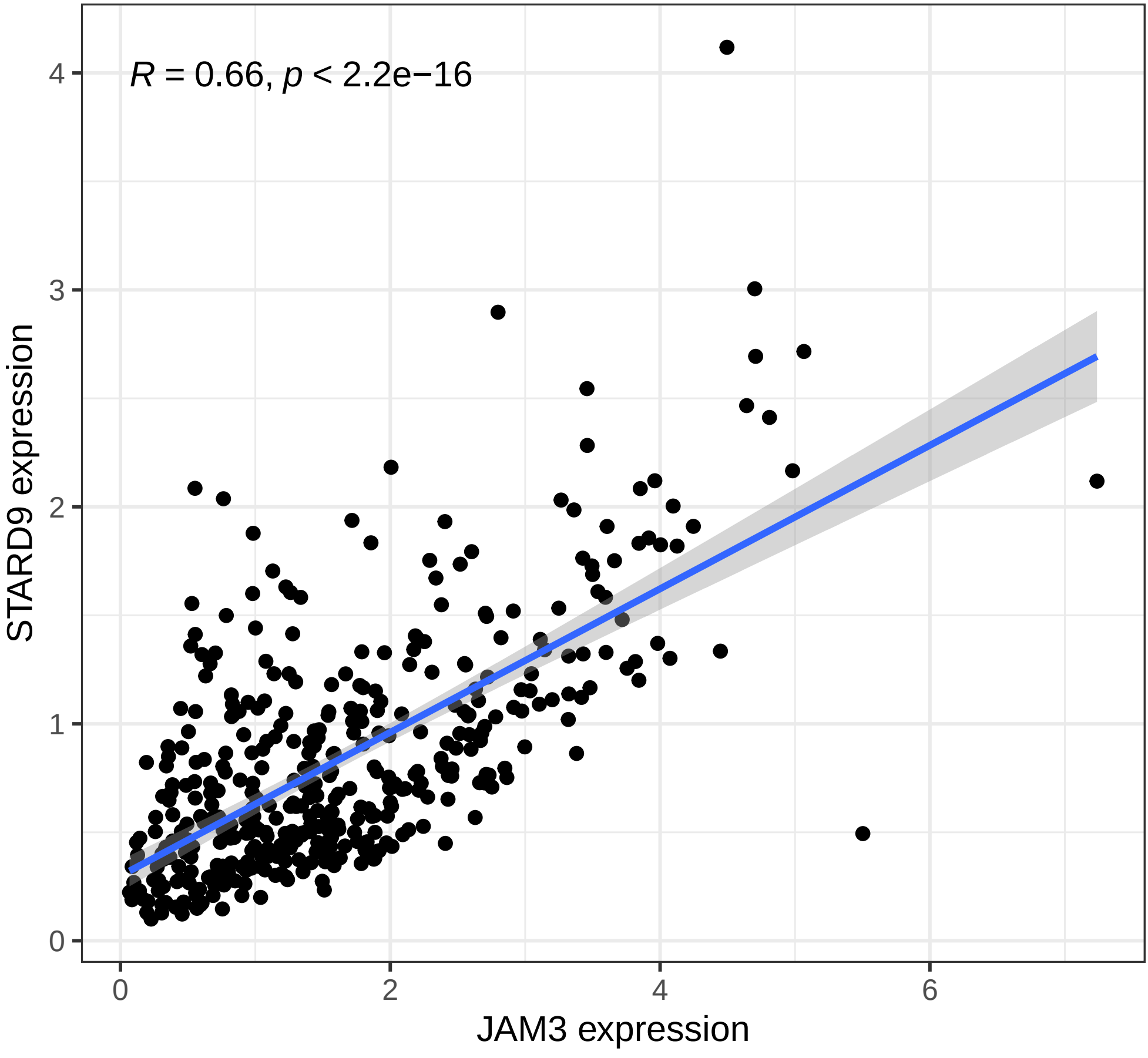

R = 0.65, p < 2.2e−16
SPARC expression
12.5
10.0
7.5
5.0
0
2
4
6
JAM3 expression

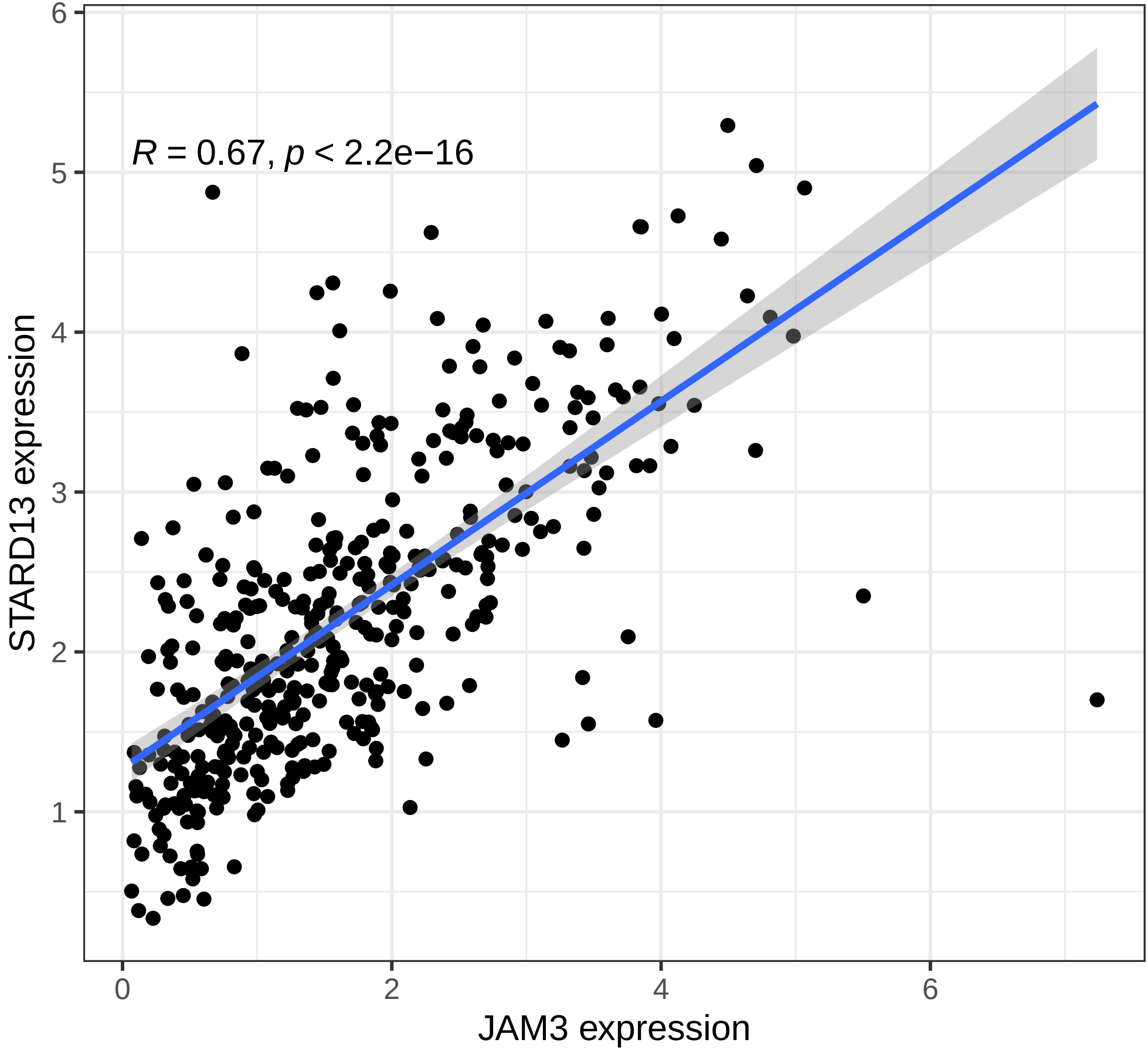

R = 0.71, p < 2.2e−16
SPARCL1 expression
JAM3 expression
12
9
6
3
0
2
4
6

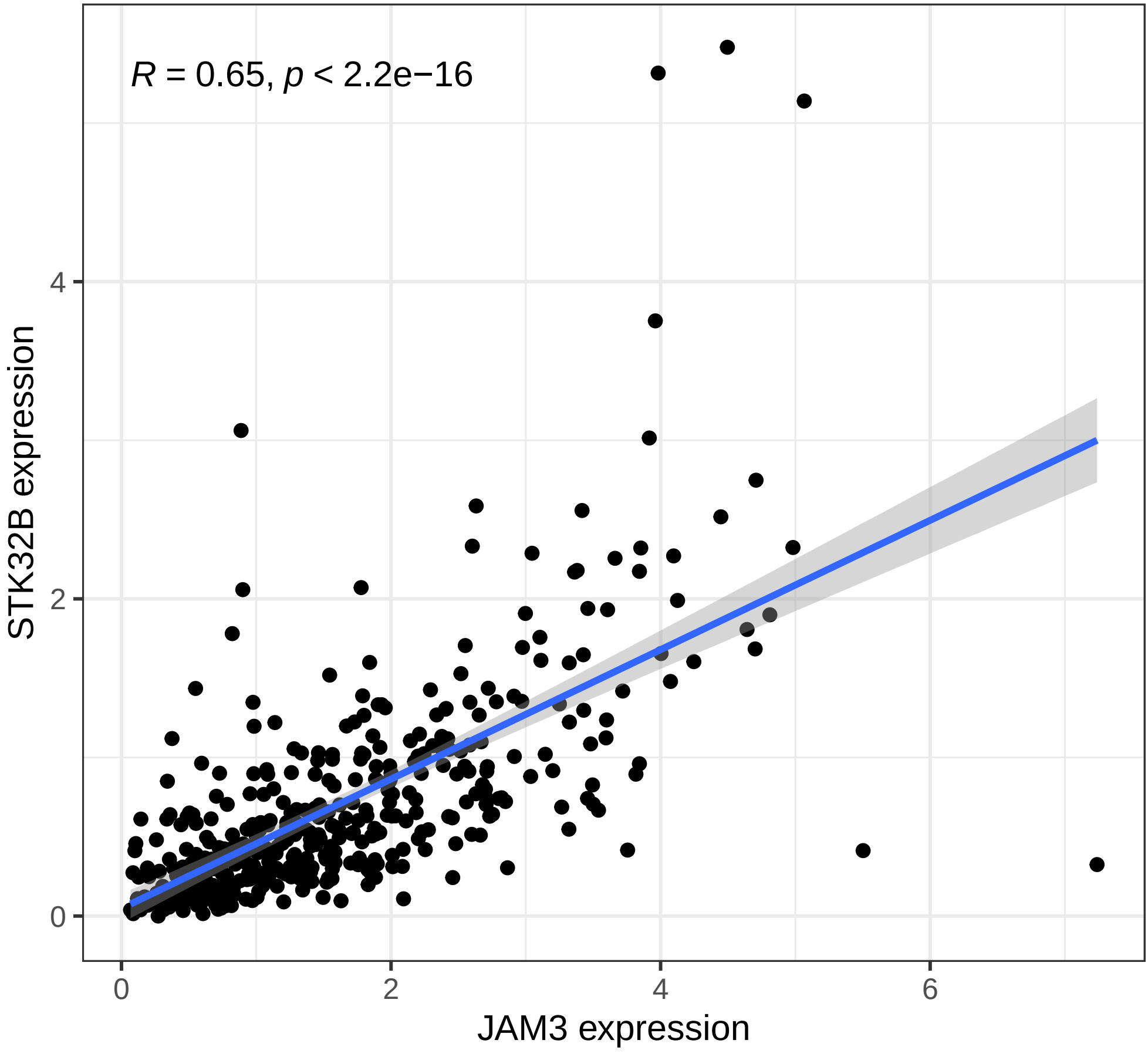

R = 0.67, p < 2.2e−16
SPON1 expression
JAM3 expression
10.0
7.5
5.0
2.5
0.0
0
2
4
6

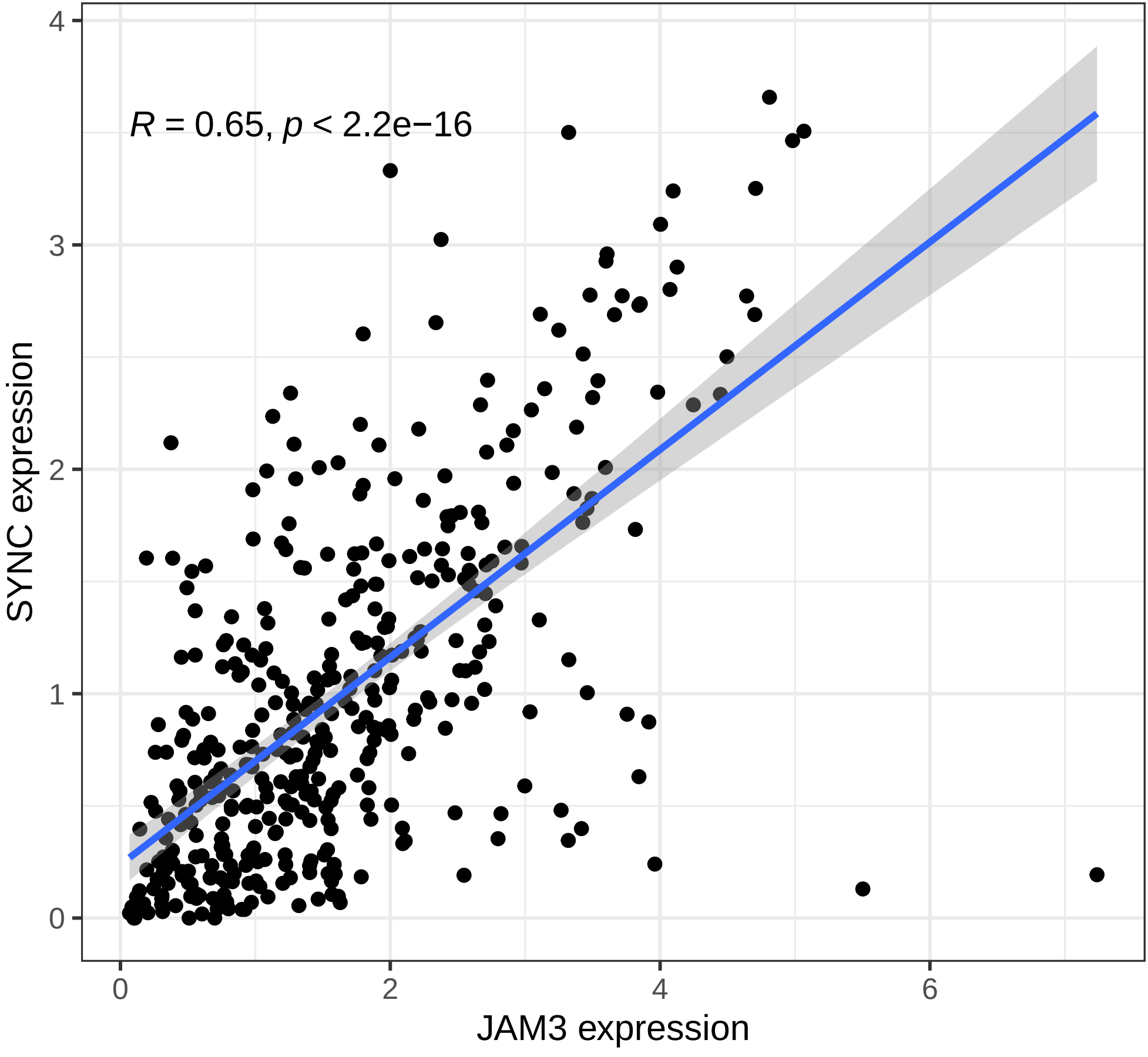

R = 0.62, p < 2.2e−16
SSC5D expression
JAM3 expression
0
2
4
6
0
2
4
6

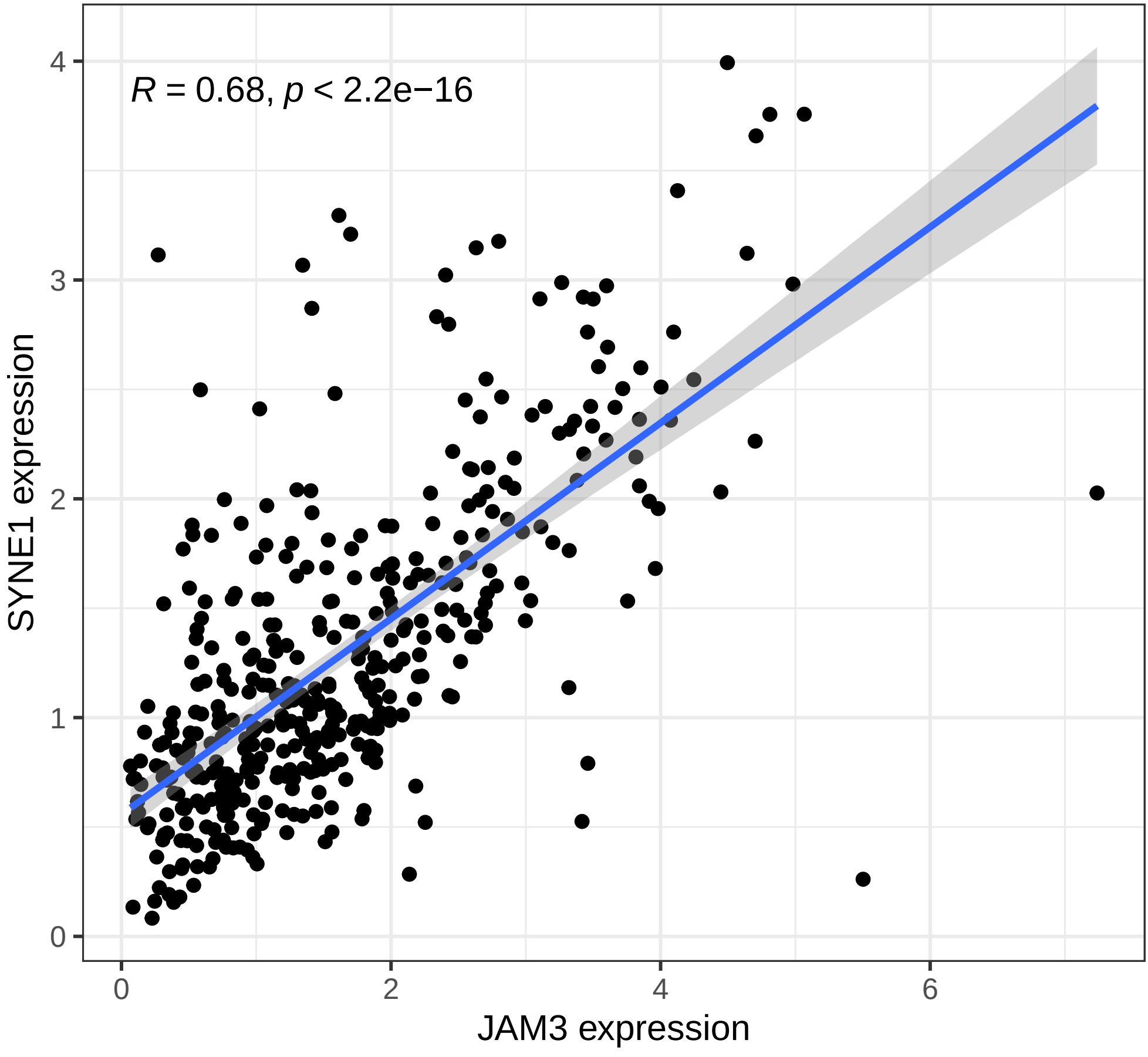

R = 0.7, p < 2.2e−16
STARD8 expression
JAM3 expression
1
2
3
4
5
0
2
4
6

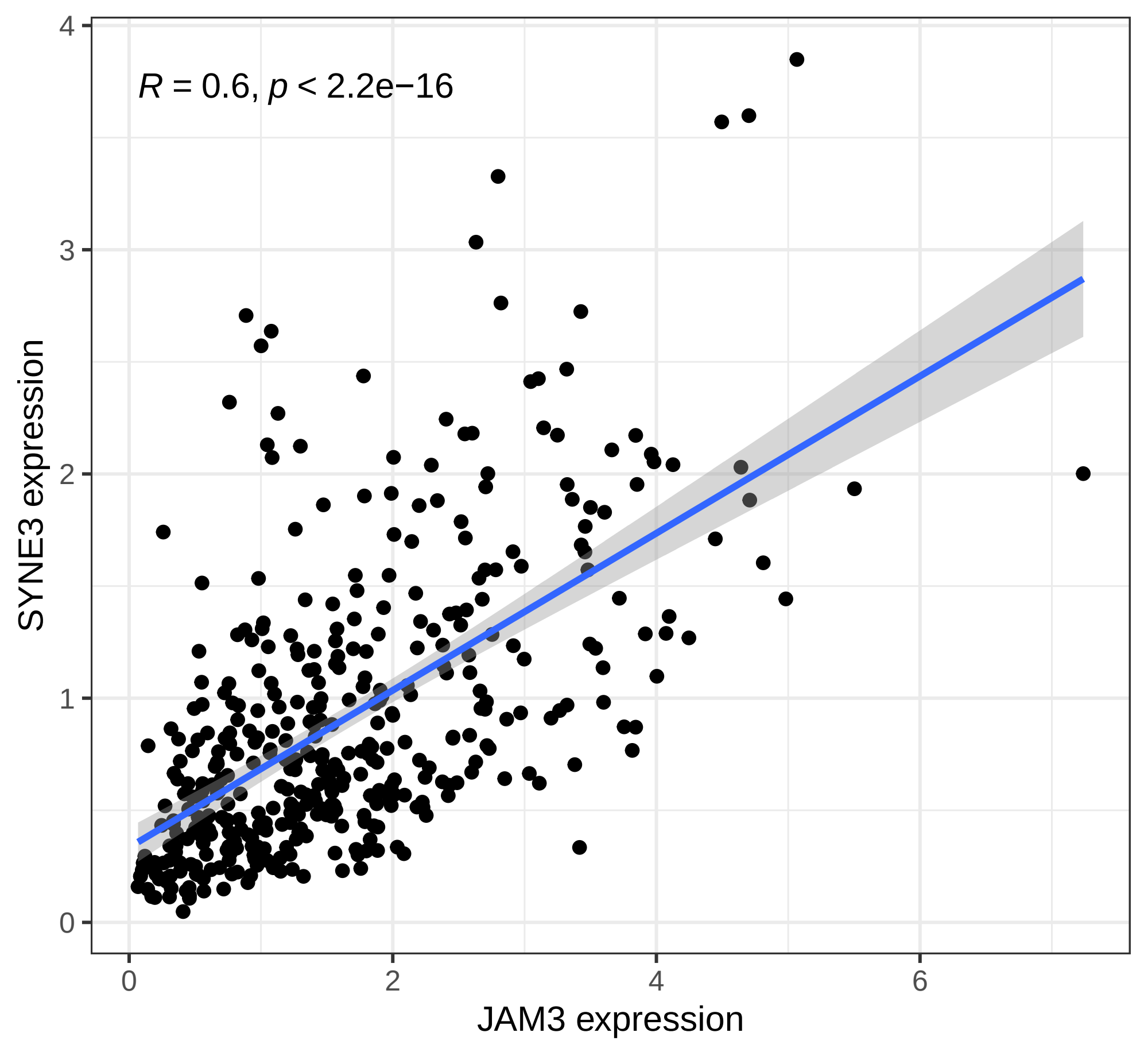

R = 0.66, p < 2.2e−16
STARD9 expression
JAM3 expression
0
1
2
3
4
0
2
4
6

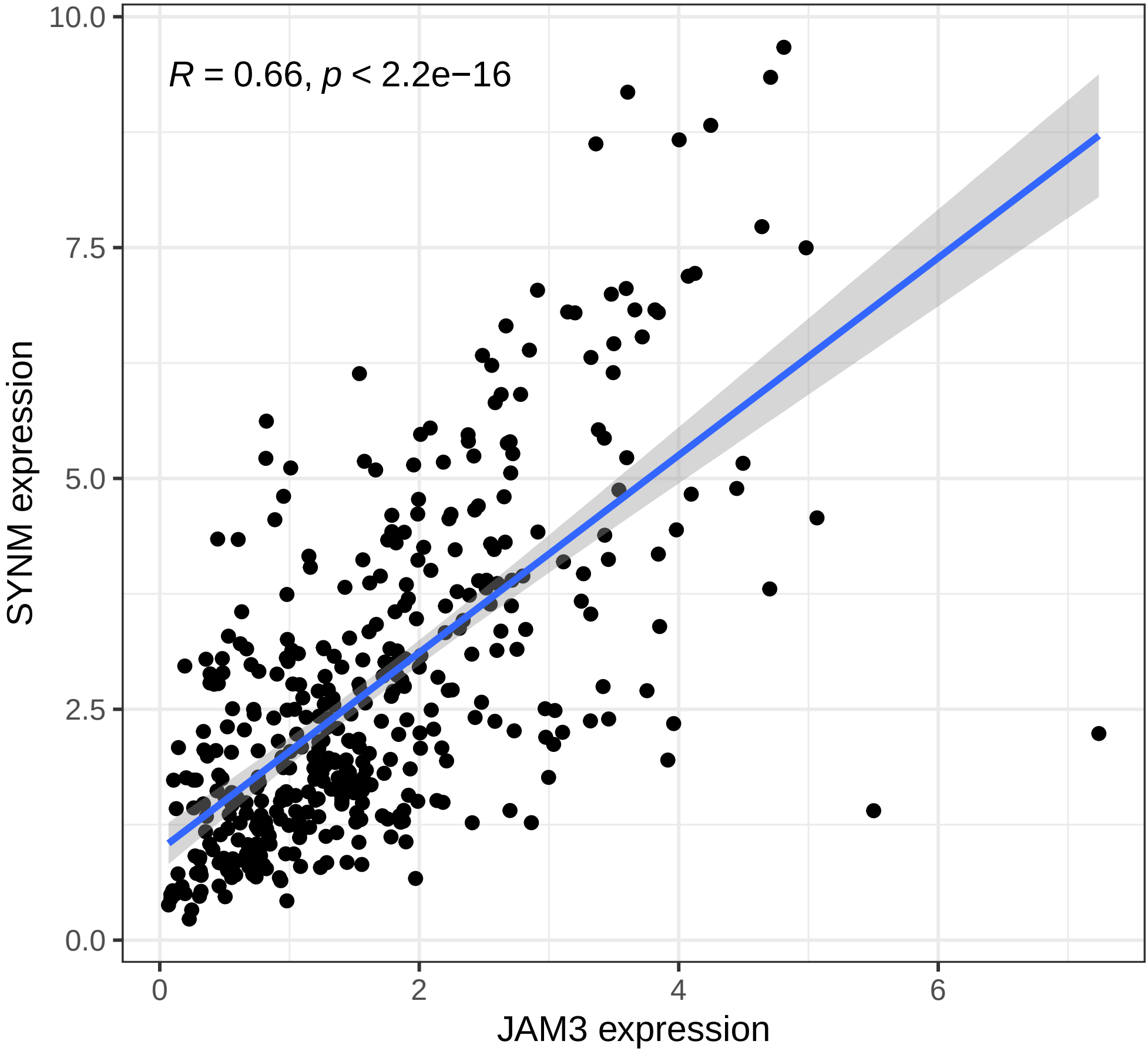

R = 0.67, p < 2.2e−16
STARD13 expression
JAM3 expression
6
5
4
3
2
1
0
2
4
6

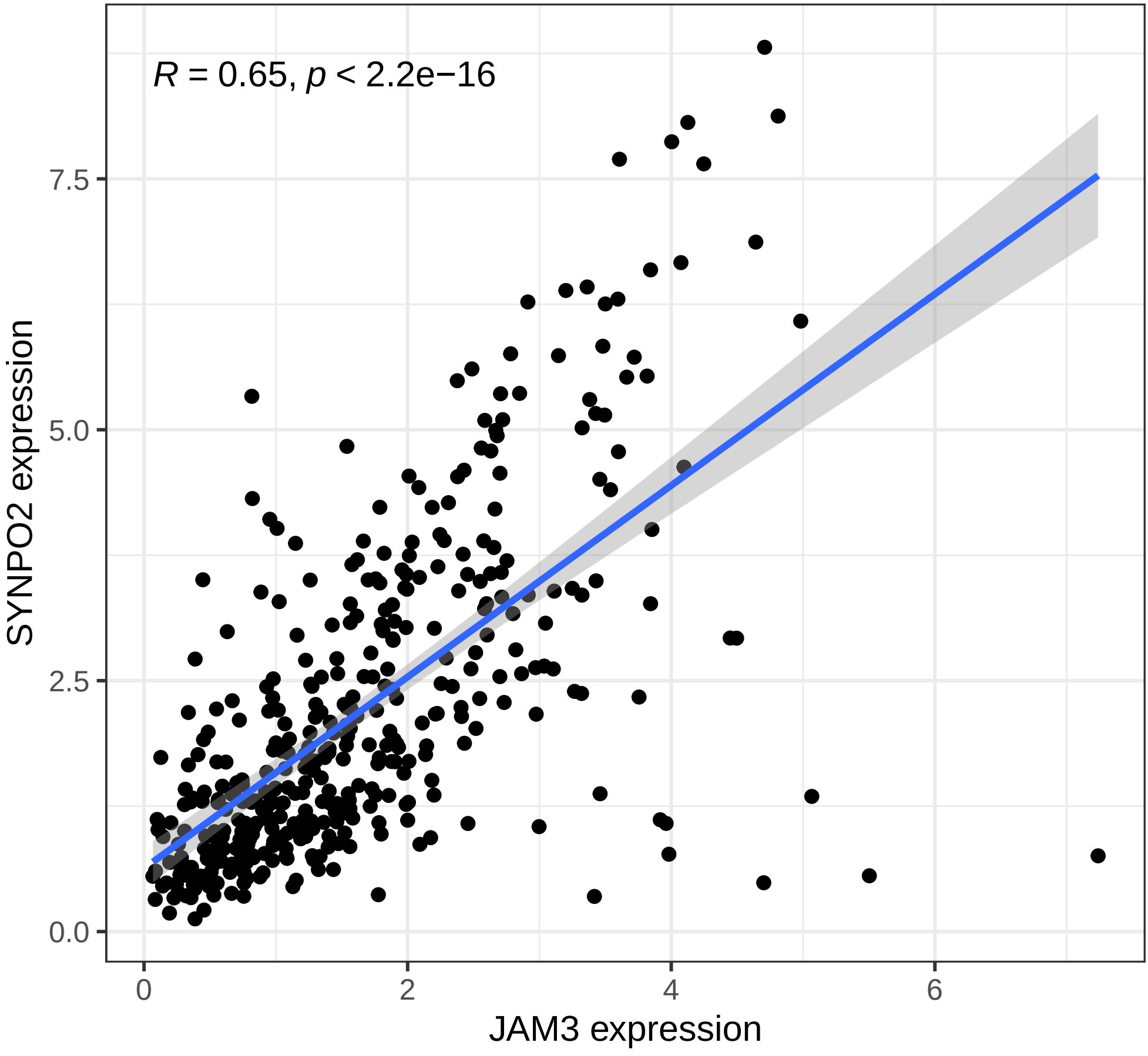

R = 0.65, p < 2.2e−16
STK32B expression
JAM3 expression
0
2
4
0
2
4
6

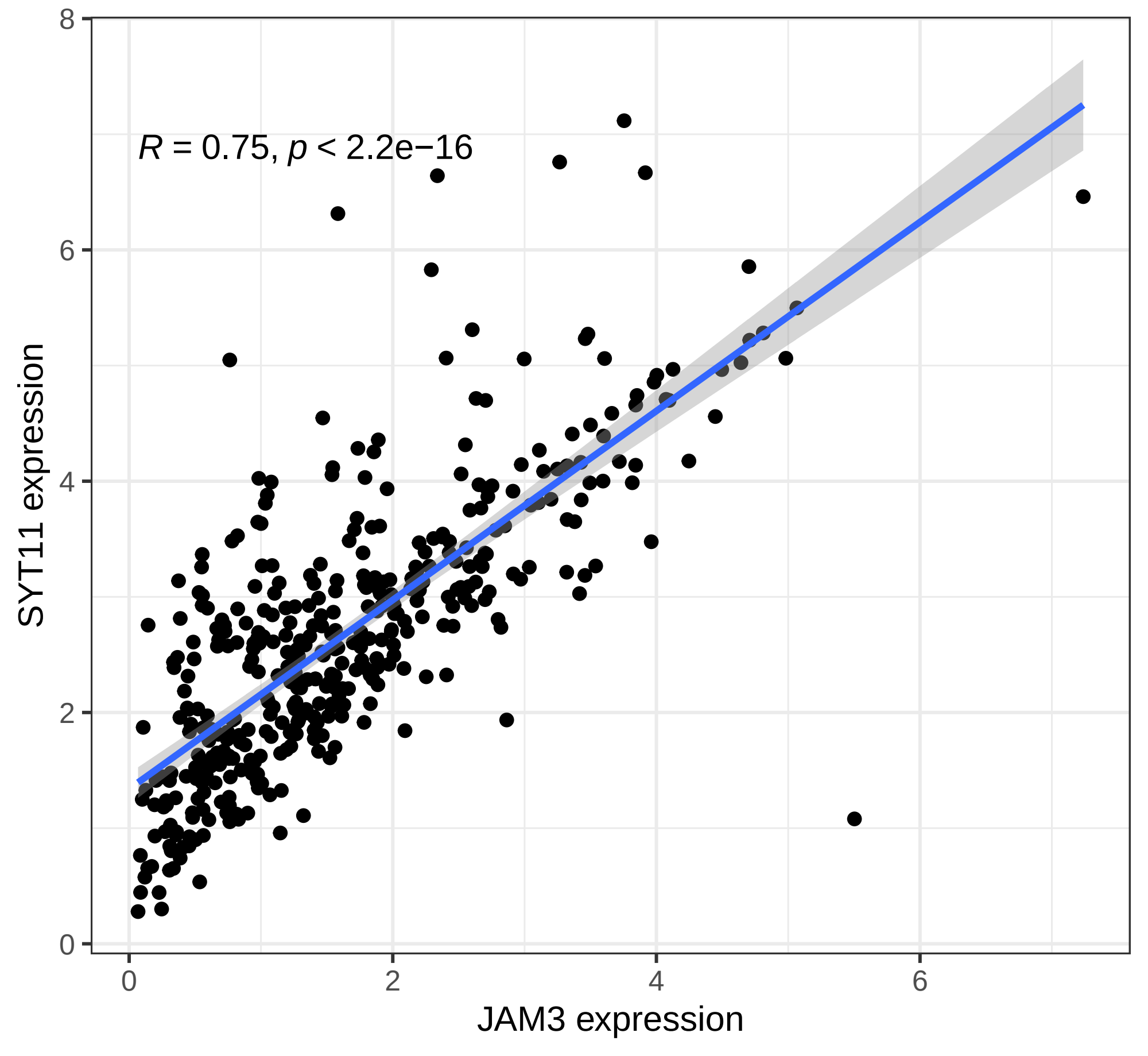

R = 0.65, p < 2.2e−16
SYNC expression
JAM3 expression
0
1
2
3
4
0
2
4
6

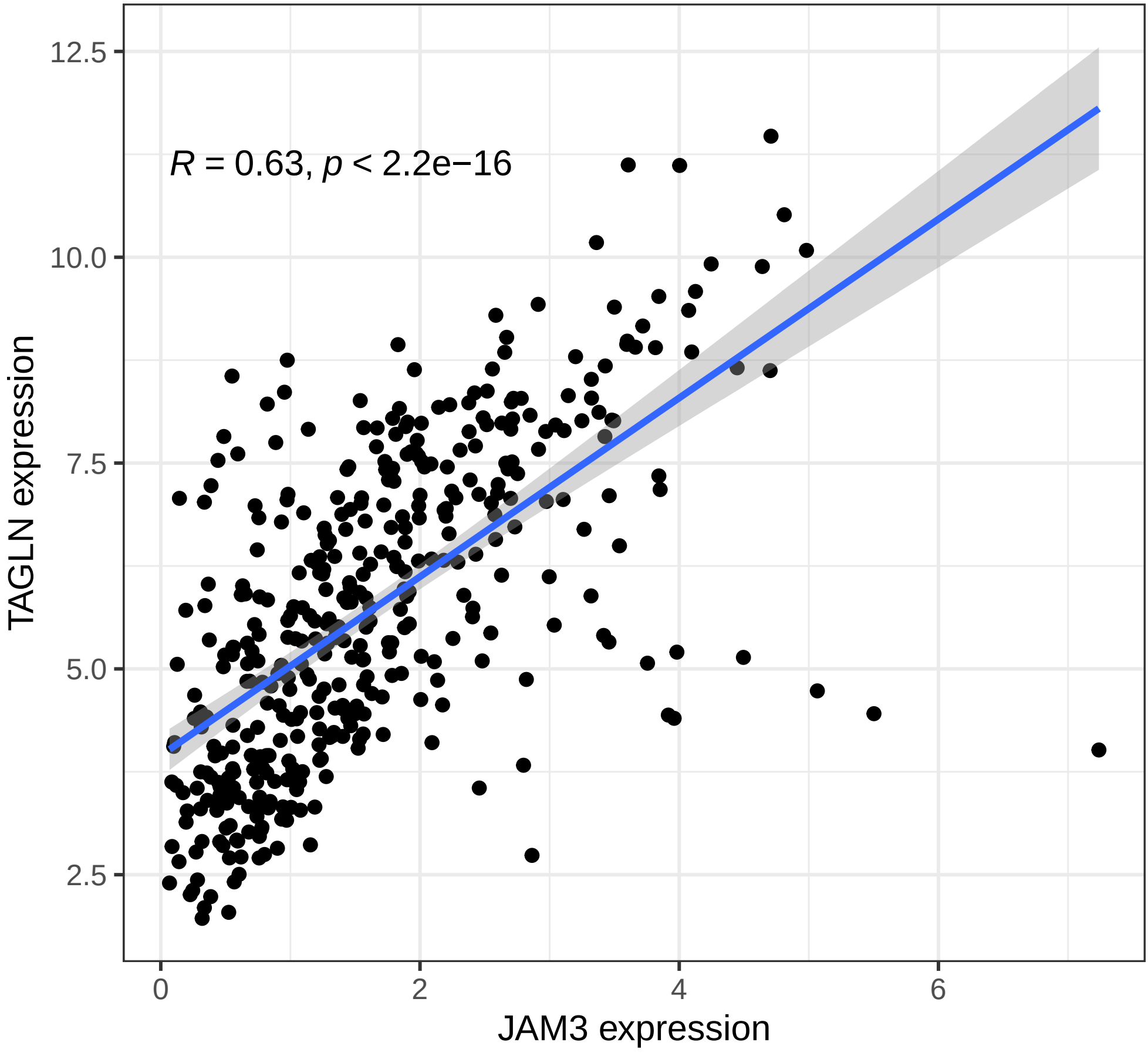

R = 0.68, p < 2.2e−16
SYNE1 expression
JAM3 expression
0
1
2
3
4
0
2
4
6

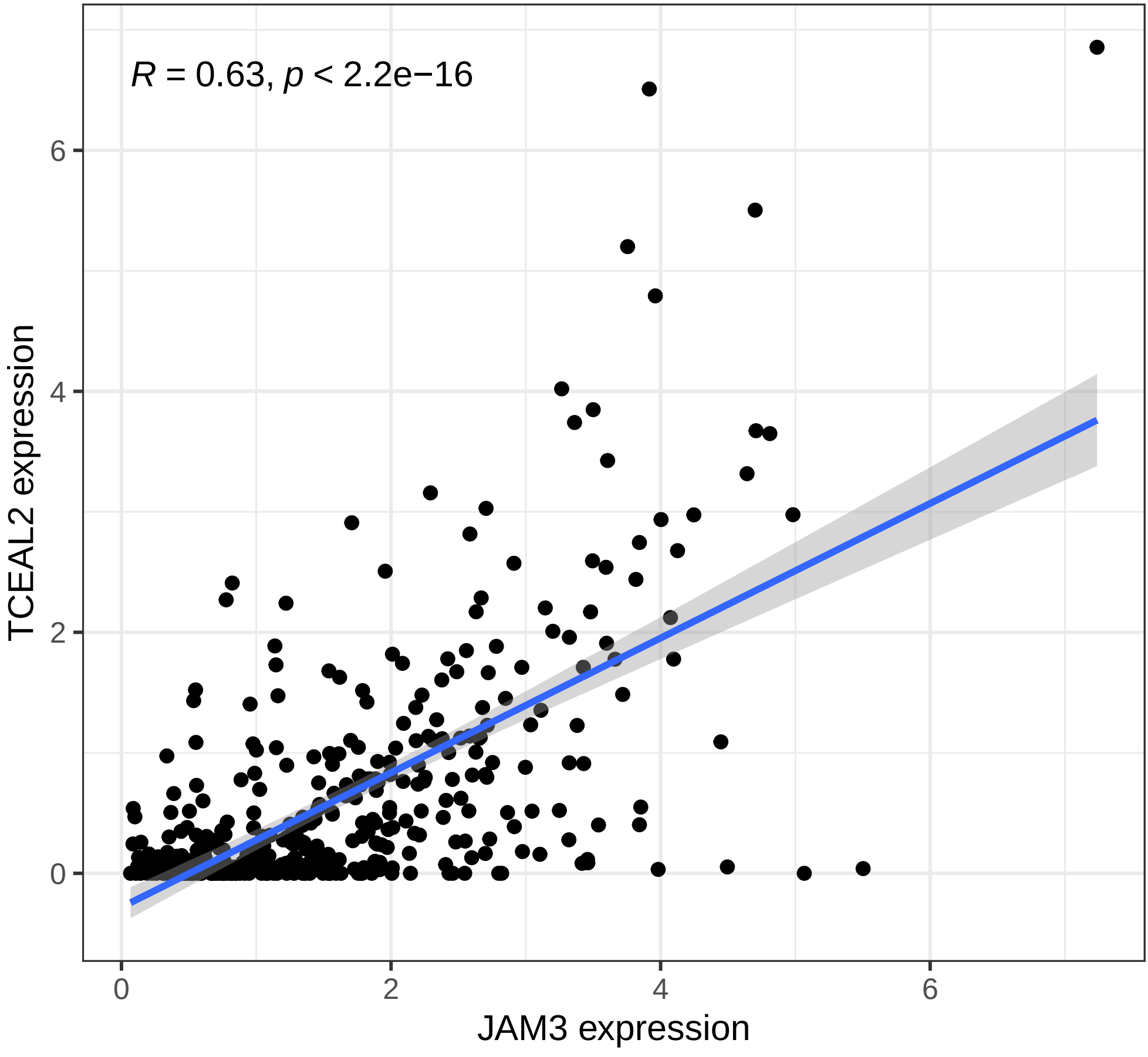

R = 0.6, p < 2.2e−16
SYNE3 expression
JAM3 expression
0
1
2
3
4
0
2
4
6

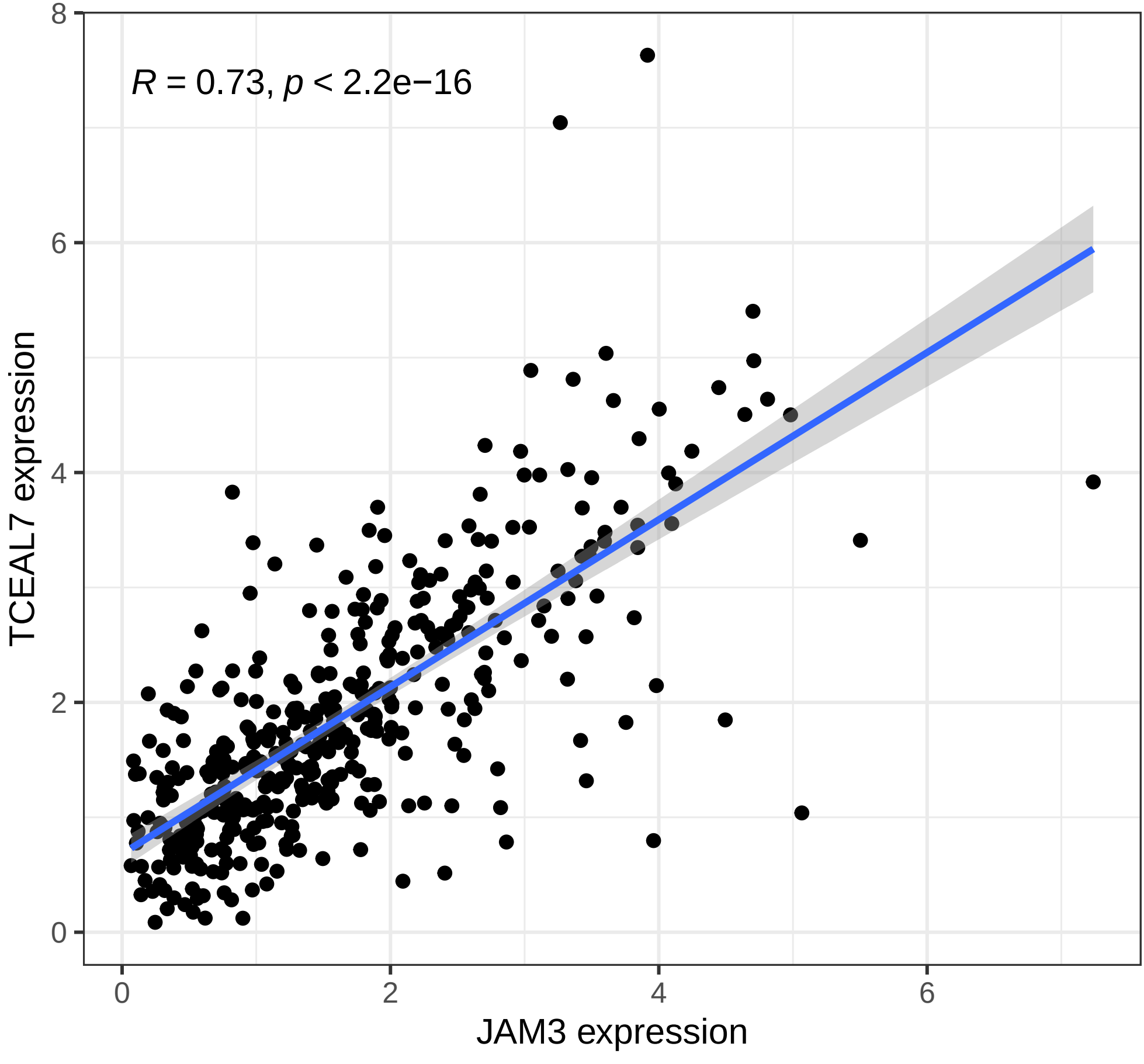

R = 0.66, p < 2.2e−16
SYNM expression
JAM3 expression
10.0
7.5
5.0
2.5
0.0
0
2
4
6

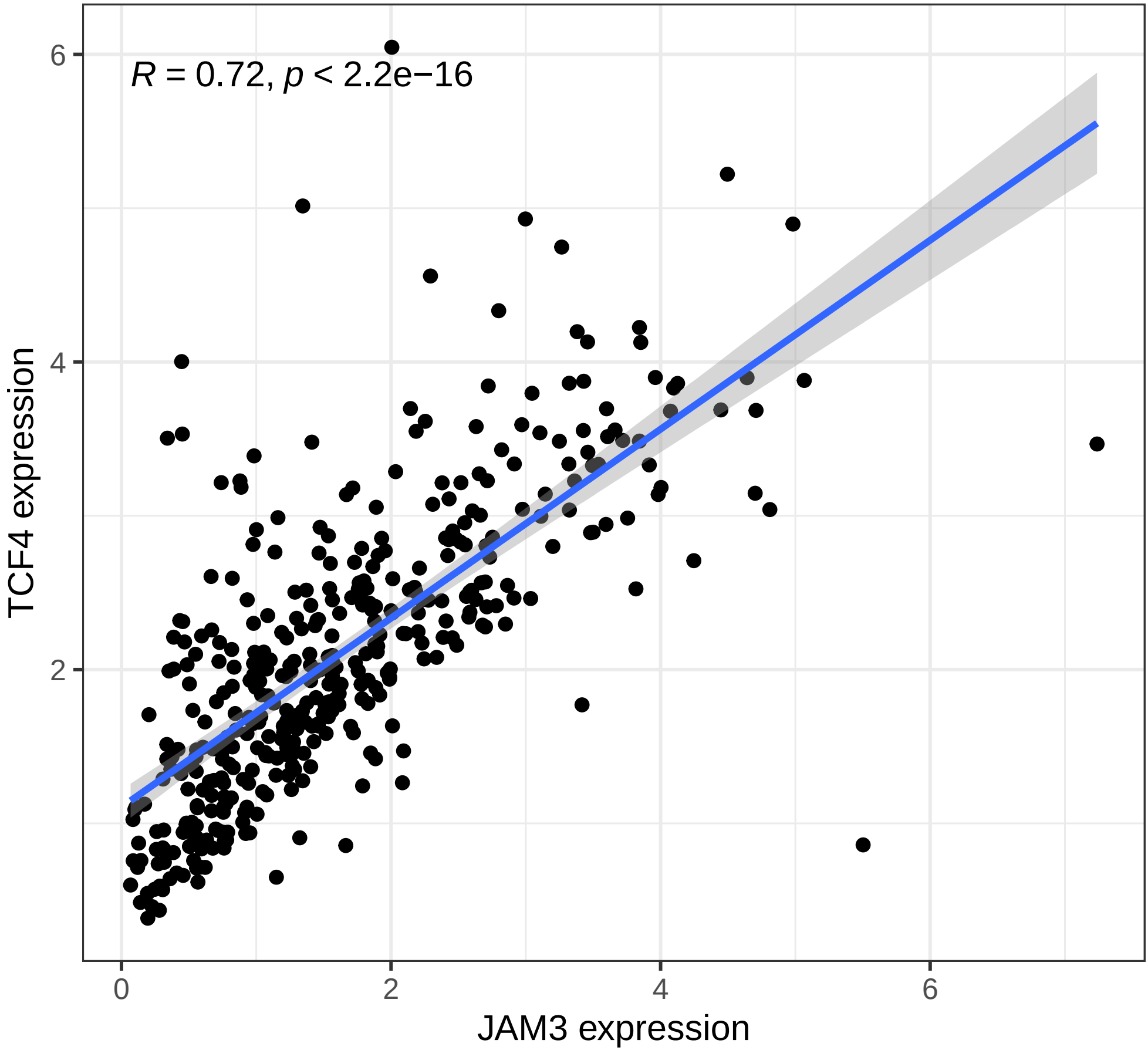

R = 0.65, p < 2.2e−16
SYNPO2 expression
JAM3 expression
0.0
2.5
5.0
7.5
0
2
4
6

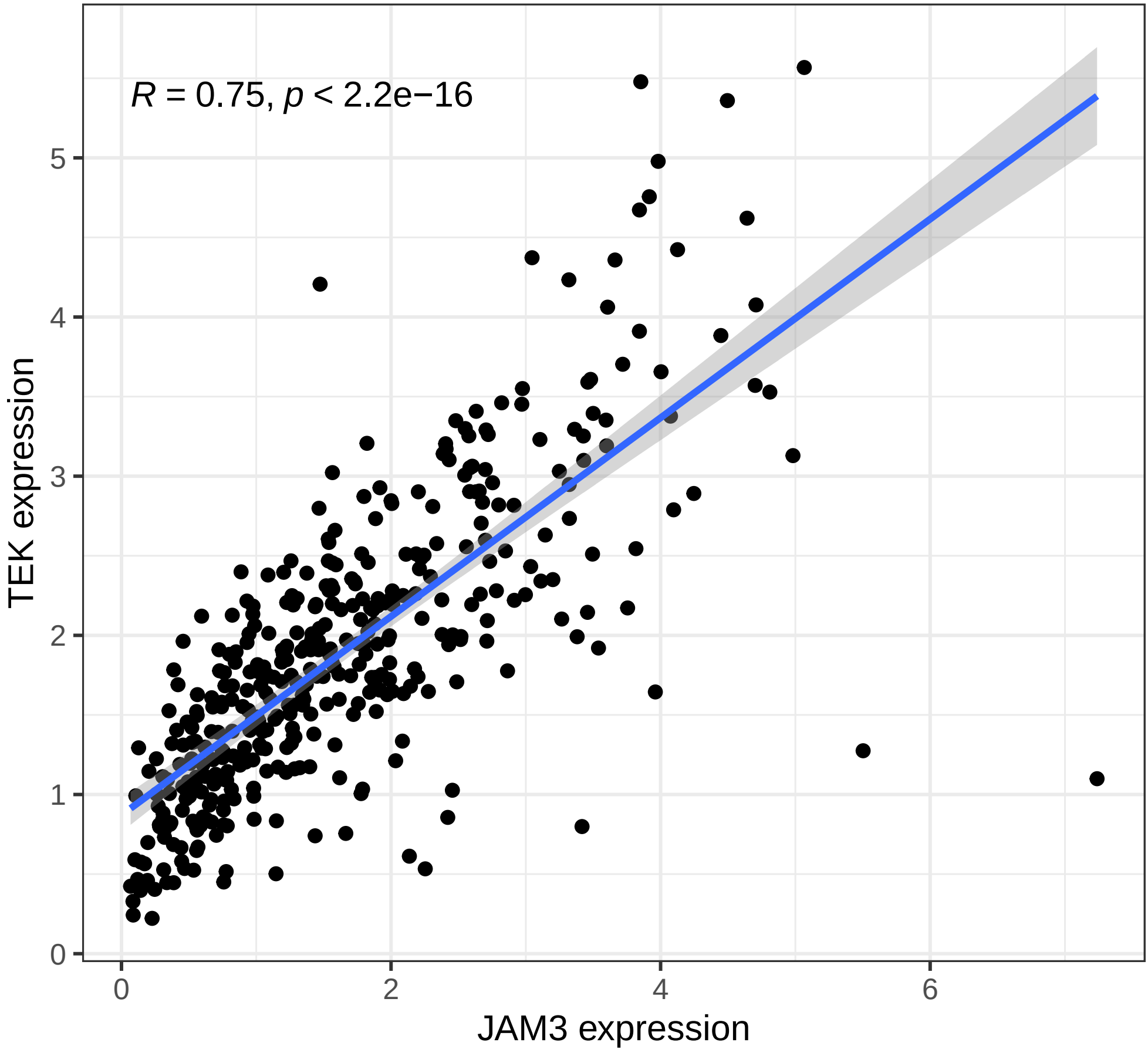

R = 0.75, p < 2.2e−16
SYT11 expression
JAM3 expression
0
2
4
6
8
0
2
4
6

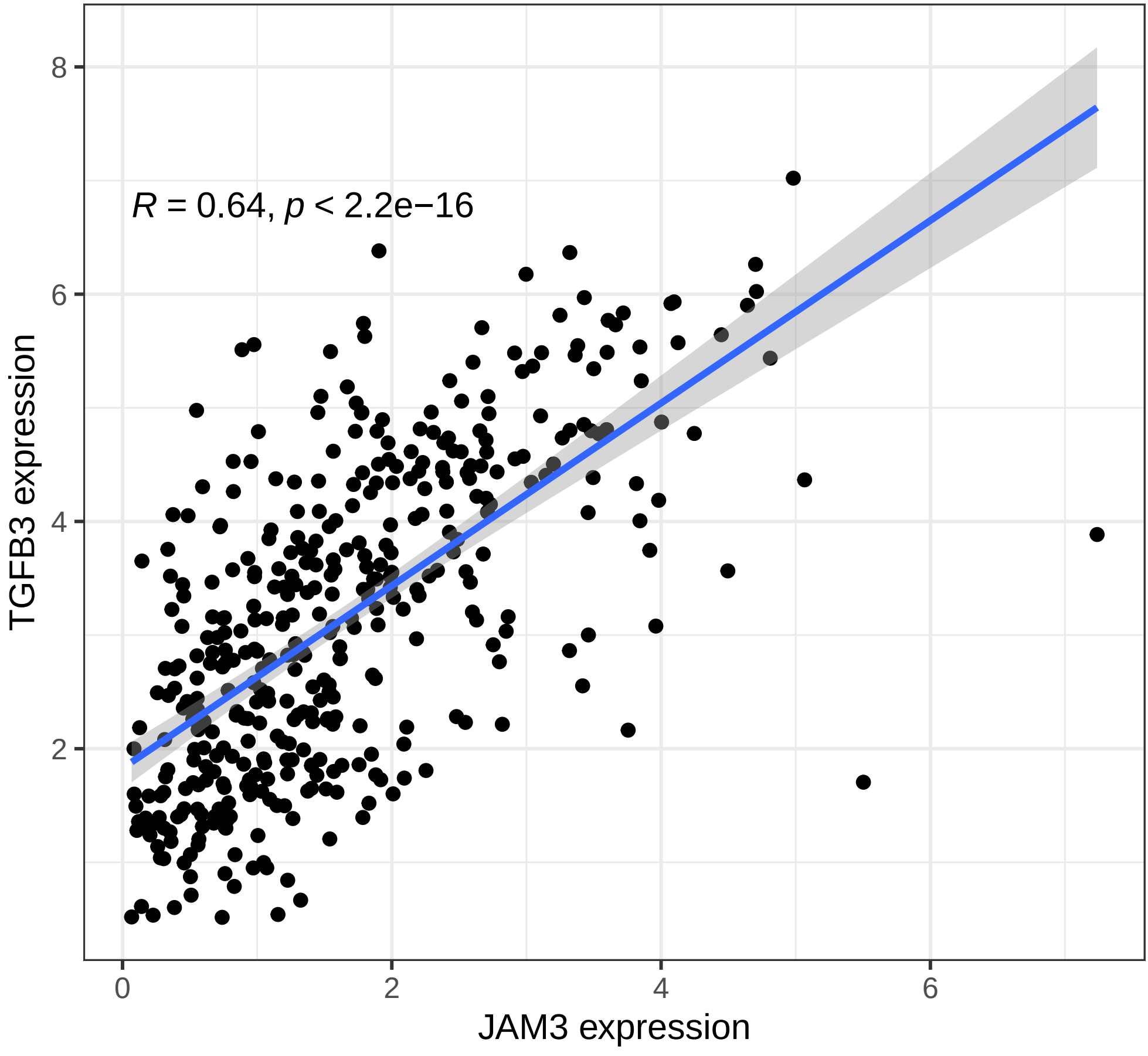

R = 0.63, p < 2.2e−16
12.5
10.0
7.5
5.0
2.5
TAGLN expression
0
2
4
6
JAM3 expression

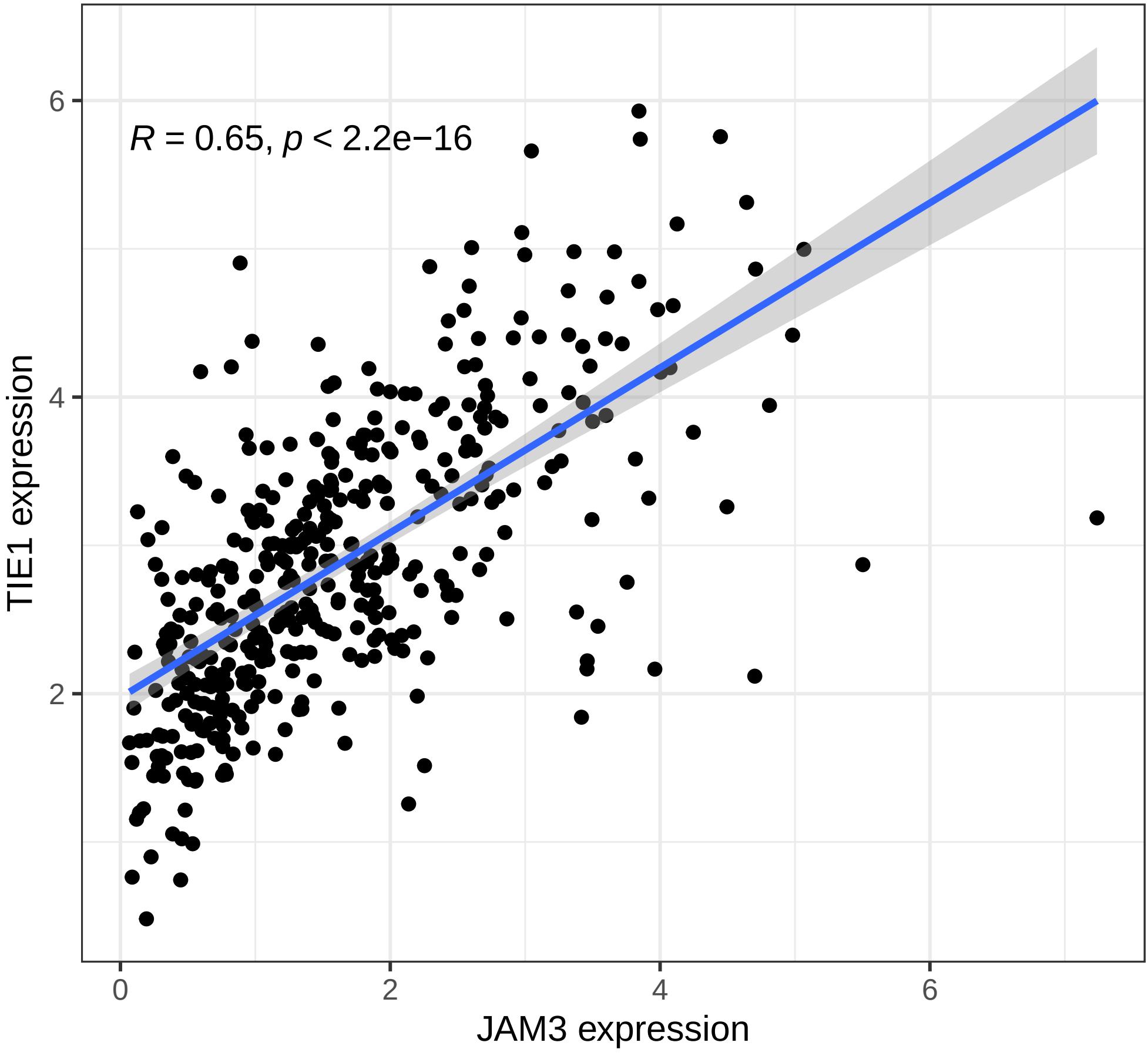

R = 0.63, p < 2.2e−16
TCEAL2 expression
JAM3 expression
0
2
4
6
0
2
4
6

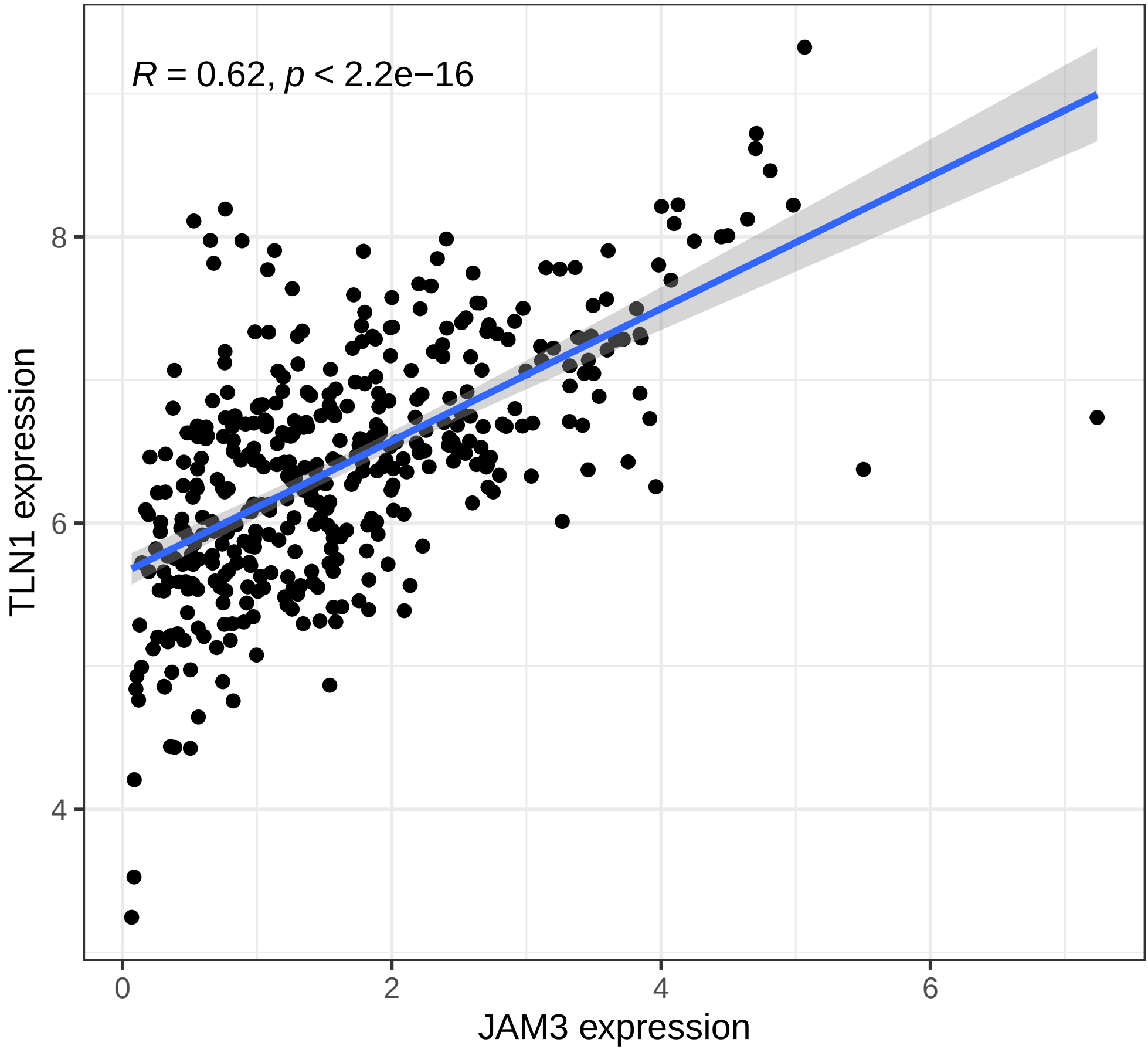

R = 0.73, p < 2.2e−16
TCEAL7 expression
JAM3 expression
0
2
4
6
8

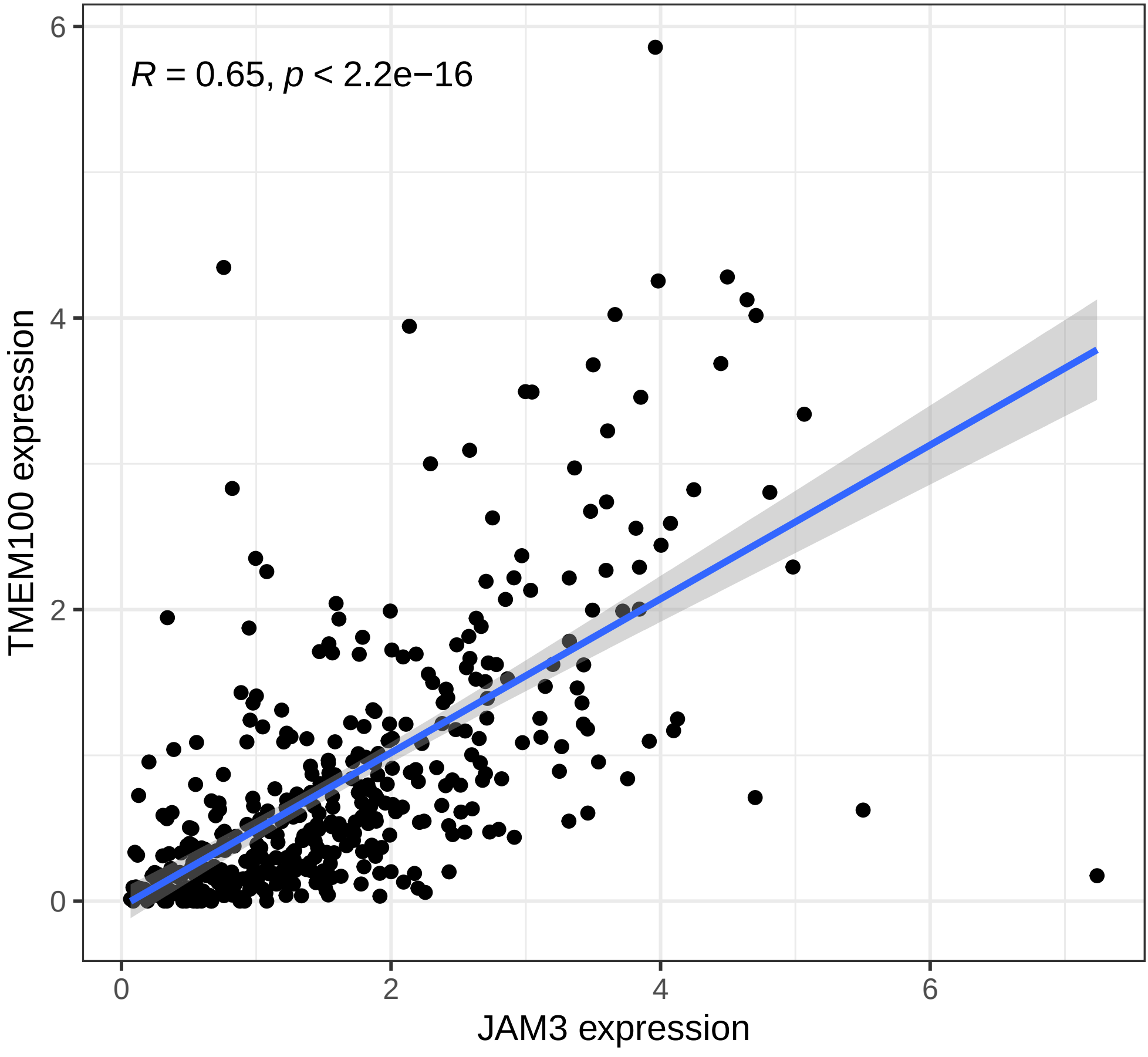

R = 0.72, p < 2.2e−16
TCF4 expression
JAM3 expression
6
4
2
0
2
4
6

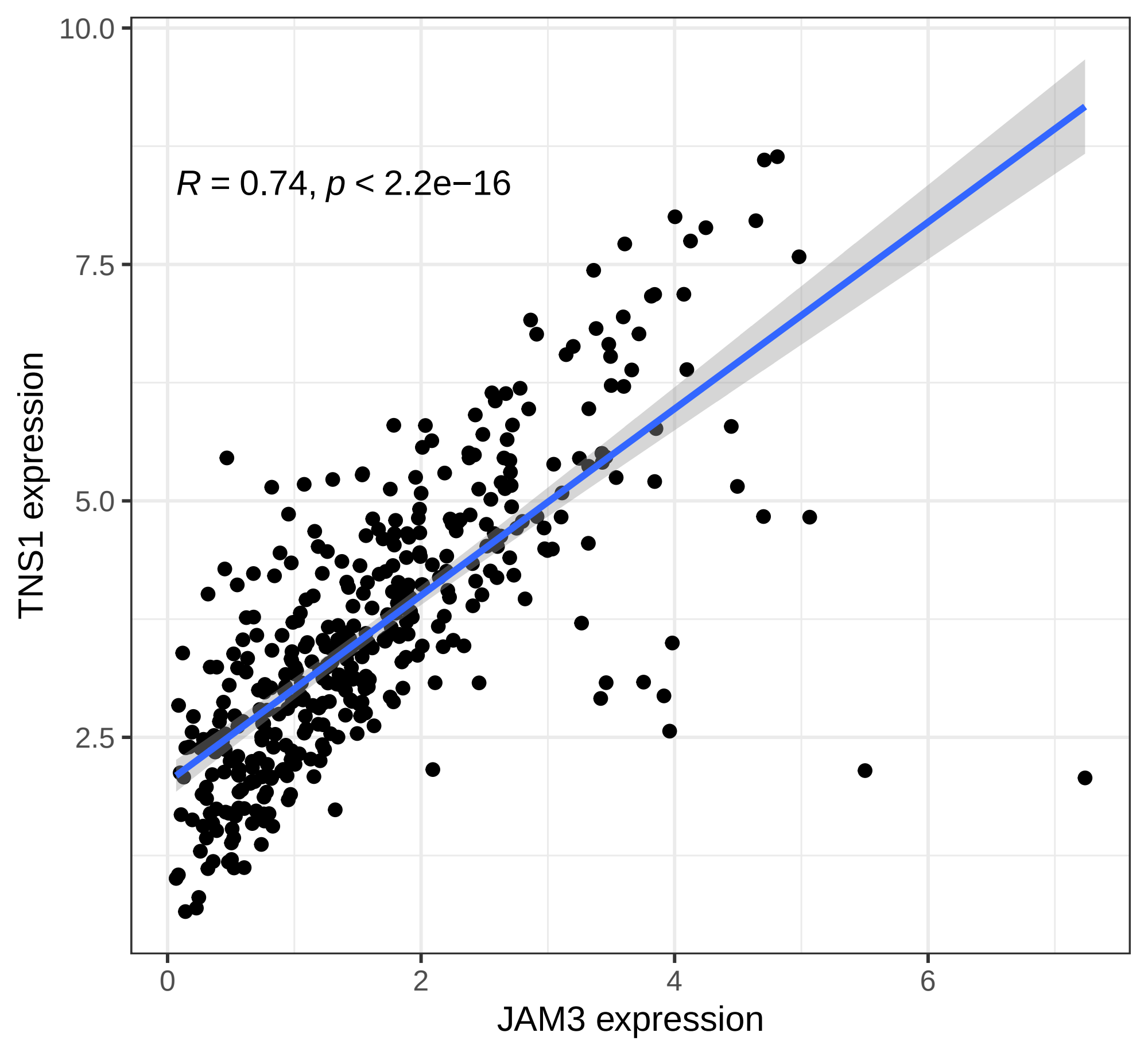

R = 0.75, p < 2.2e−16
TEK expression
JAM3 expression
0
1
2
3
4
5
0
2
4
6

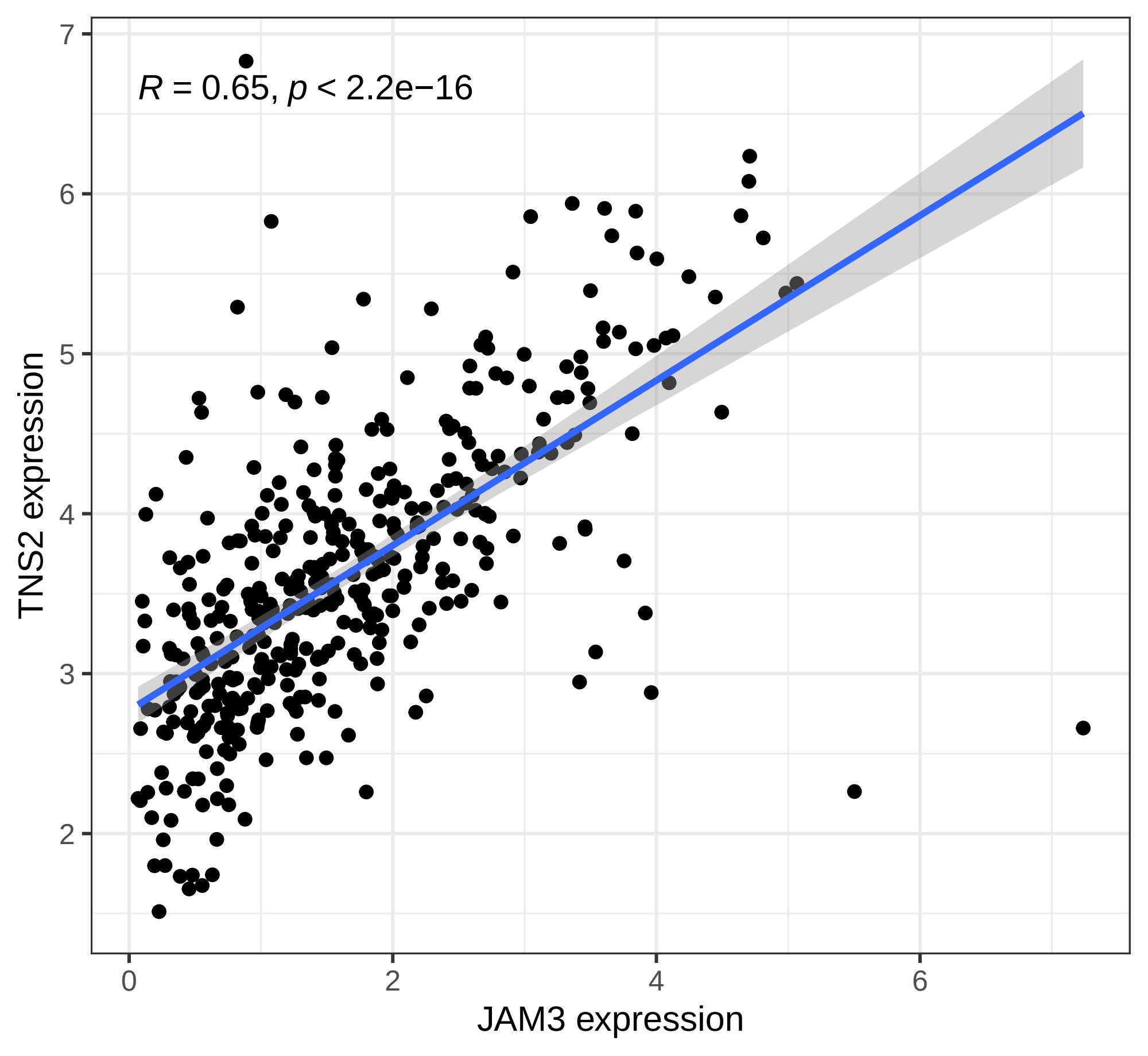

R = 0.64, p < 2.2e−16
TGFB3 expression
JAM3 expression
8
6
4
2
0
2
4
6

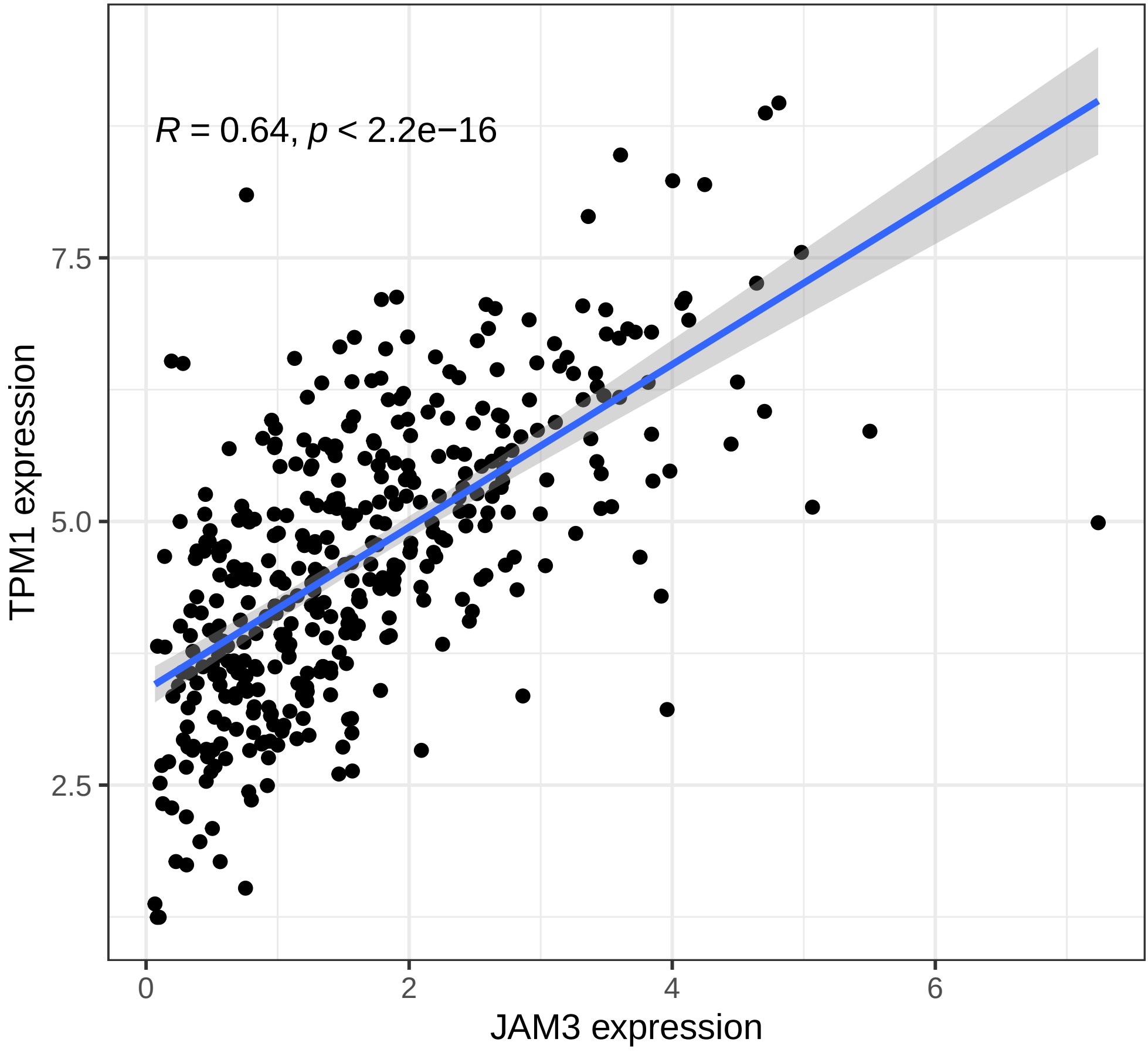

R = 0.65, p < 2.2e−16
TIE1 expression
JAM3 expression
6
4
2
0
2
4
6

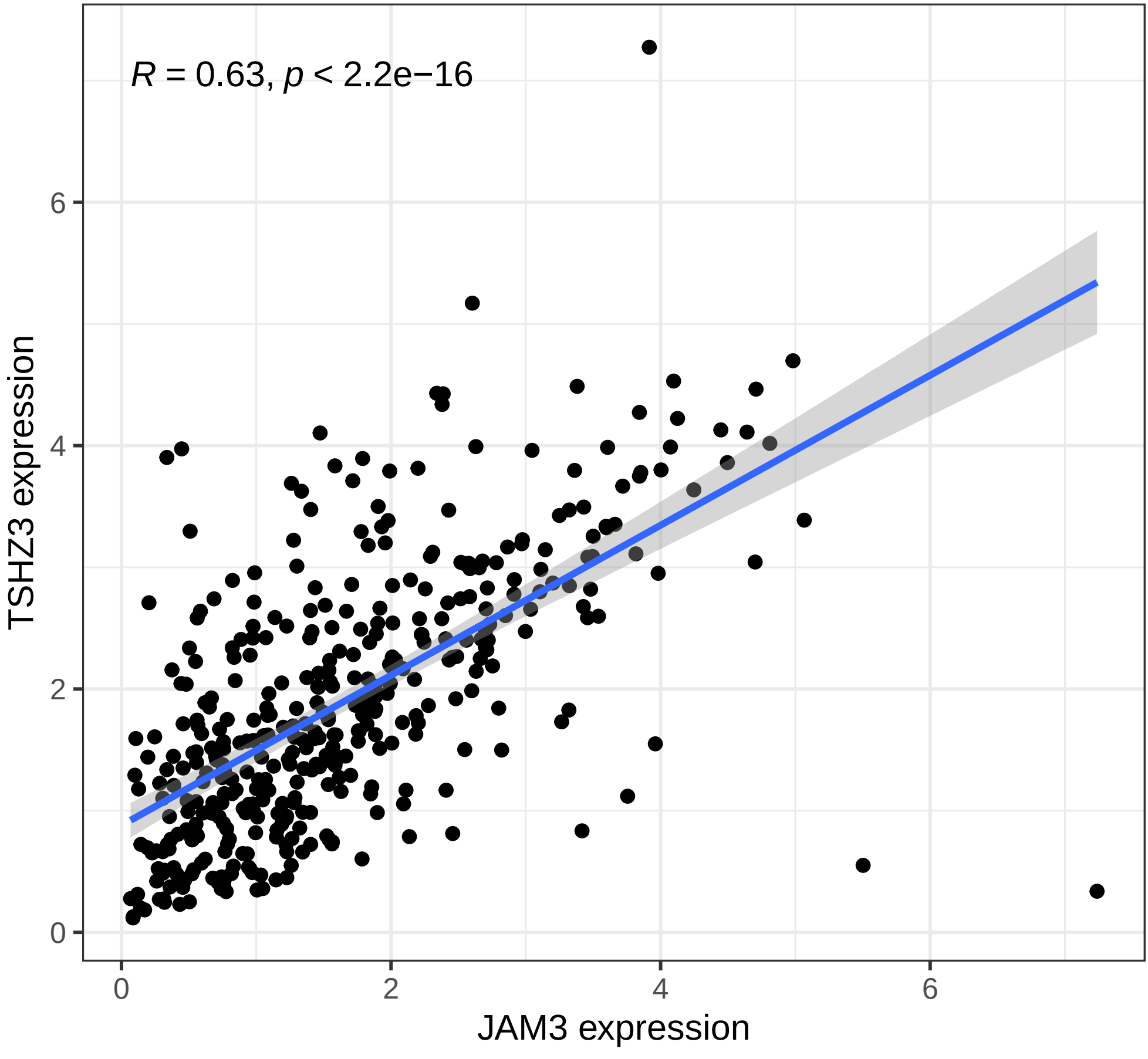

R = 0.62, p < 2.2e−16
TLN1 expression
8
6
4
0
2
4
6
JAM3 expression

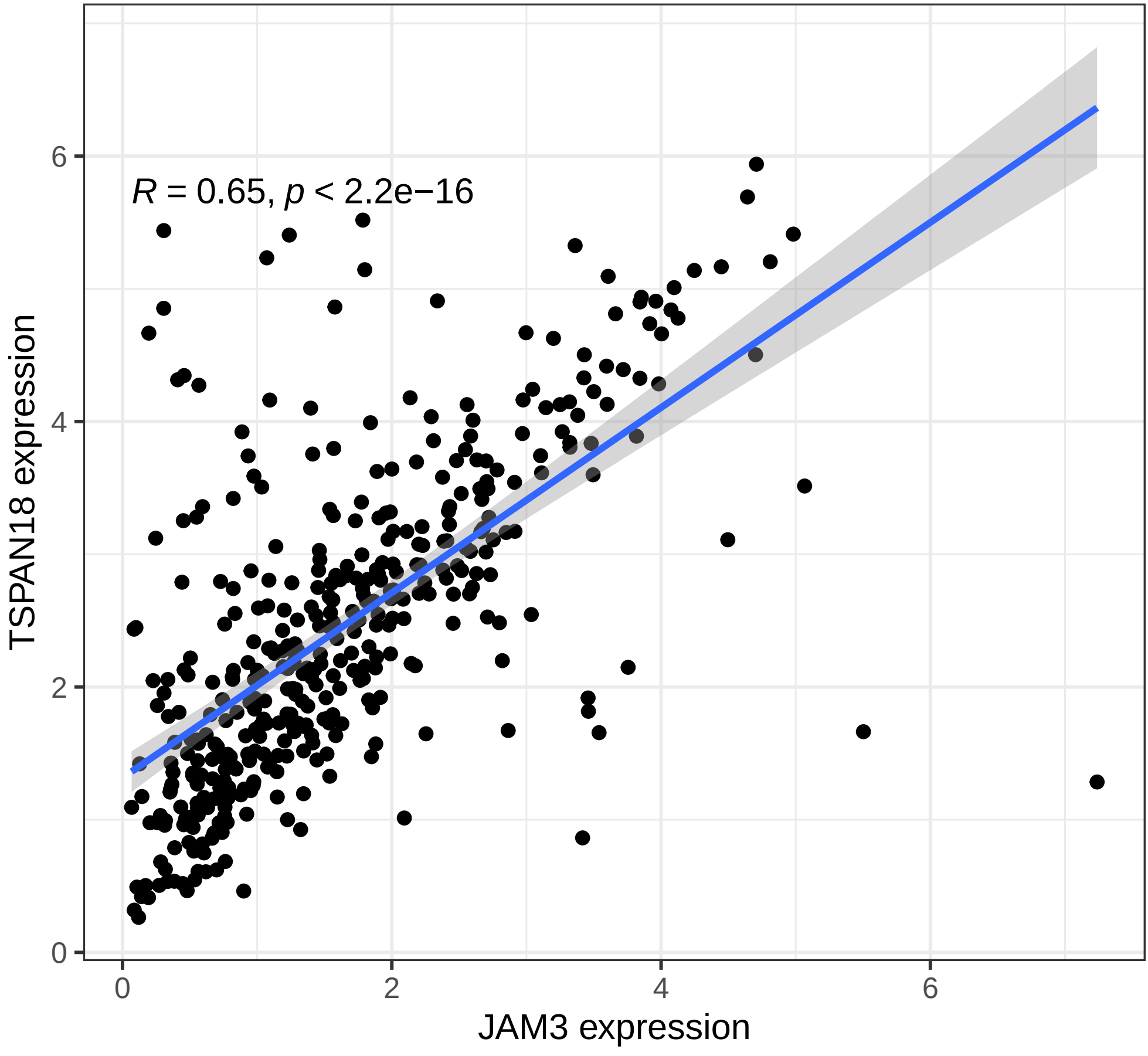

R = 0.65, p < 2.2e−16
TMEM100 expression
JAM3 expression
0
2
4
6
0
2
4
6

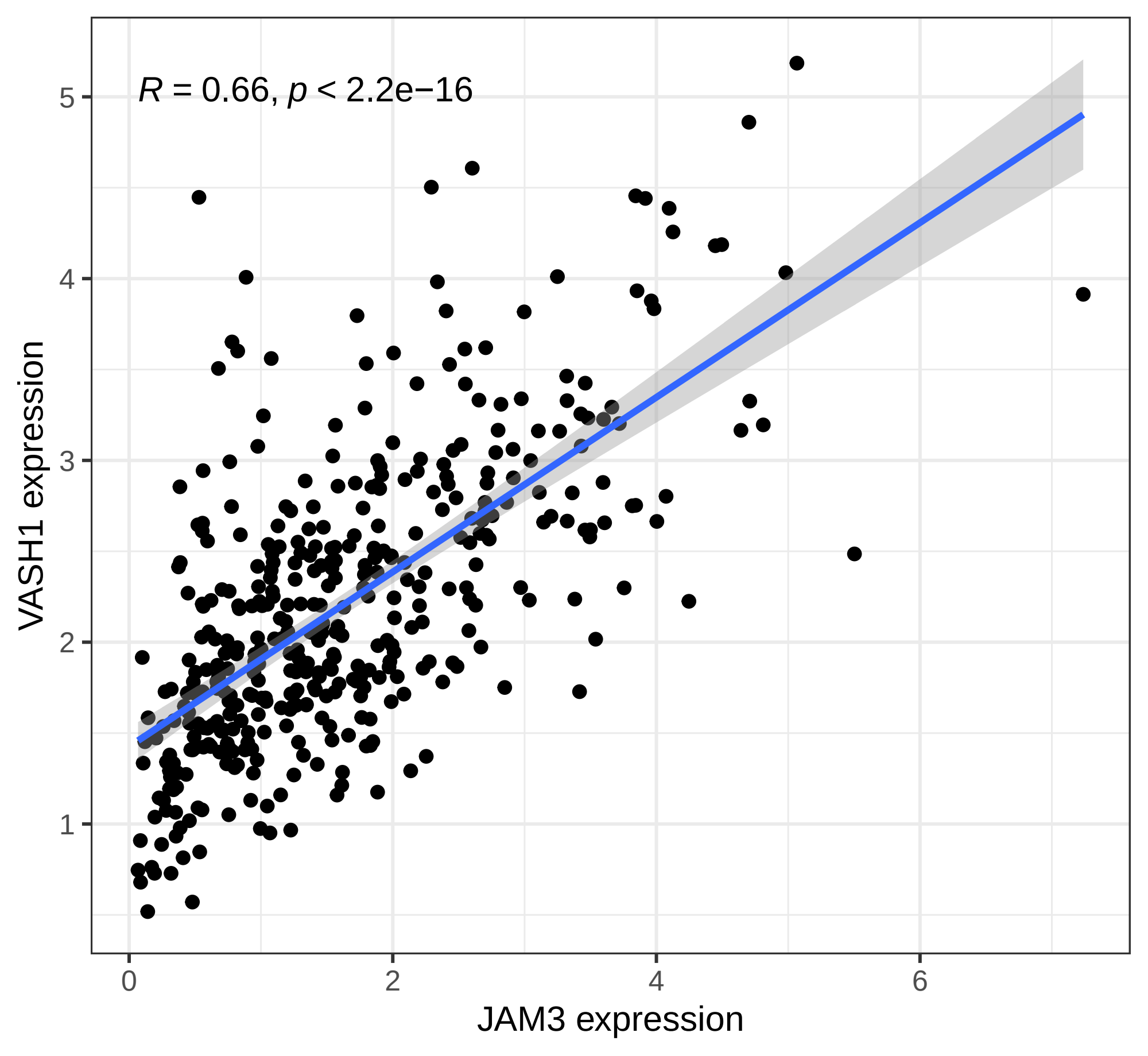

10.0
7.5
5.0
2.5
TNS1 expression
R = 0.74, p < 2.2e−16
0
2
4
6
JAM3 expression

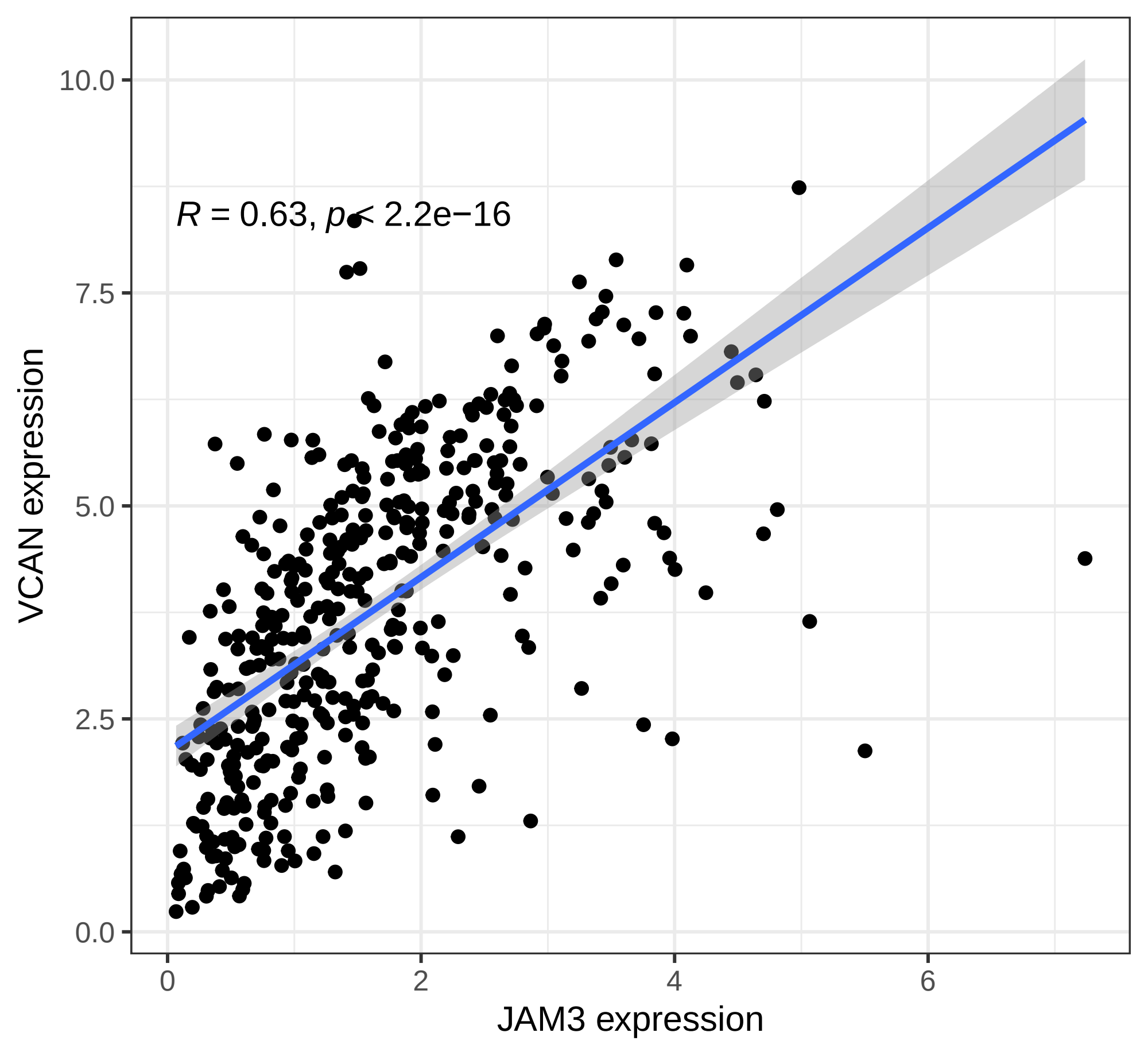

R = 0.65, p < 2.2e−16
TNS2 expression
JAM3 expression
7
6
5
4
3
2
0
2
4
6

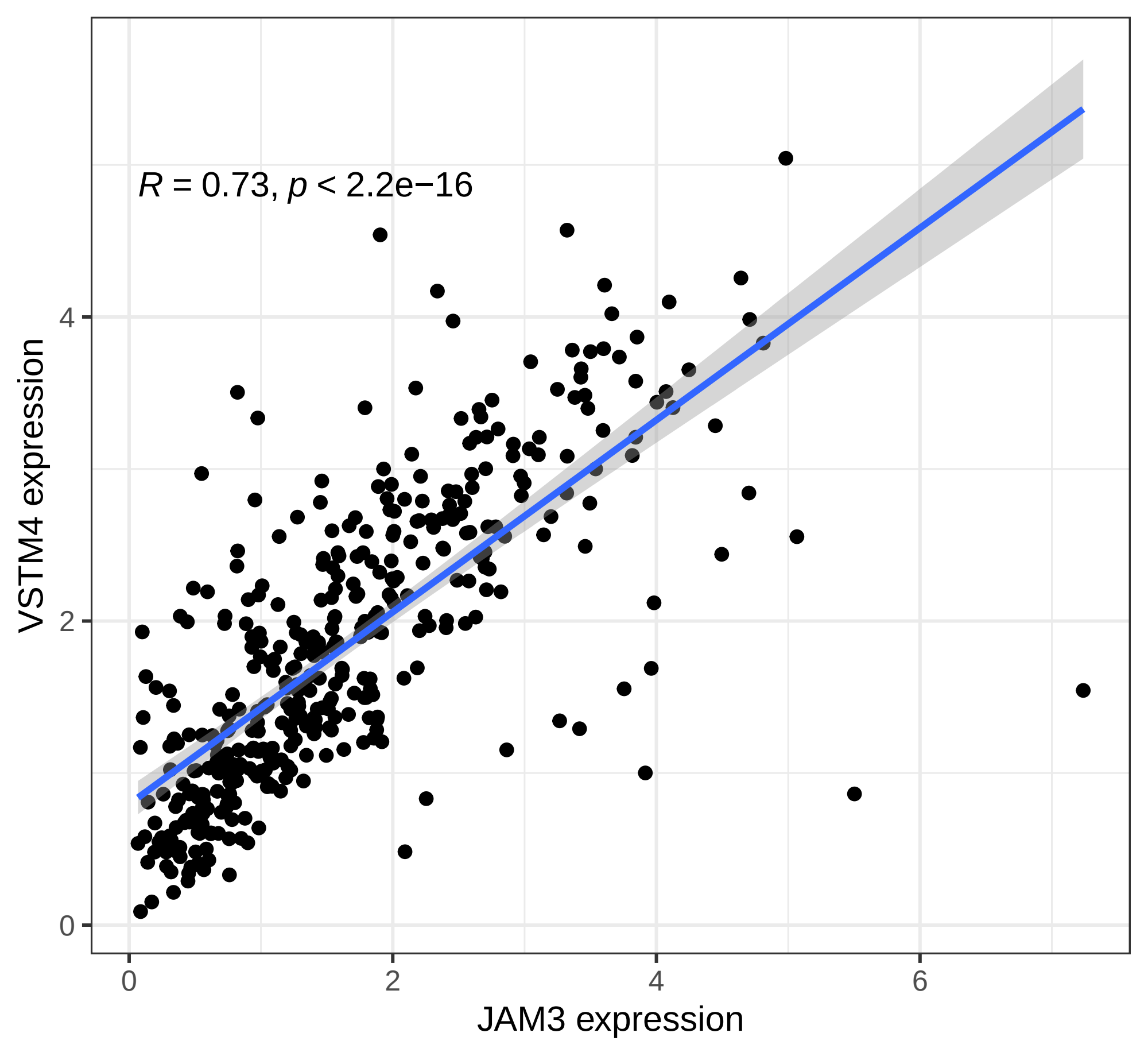

R = 0.64, p < 2.2e−16
TPM1 expression
7.5
5.0
2.5
0
2
4
6
JAM3 expression

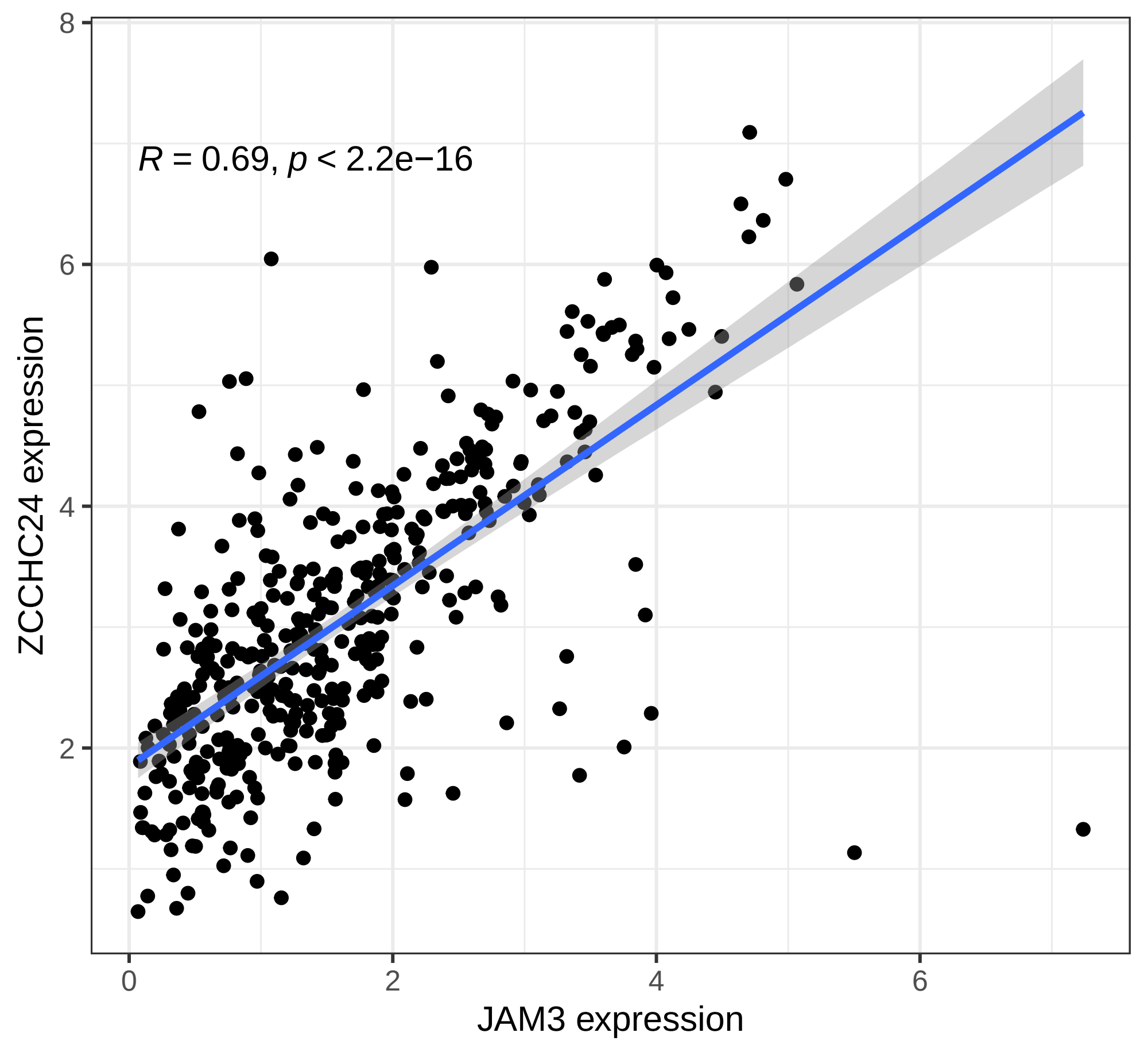

R = 0.63, p < 2.2e−16
TSHZ3 expression
JAM3 expression
0
2
4
6
0
2
4
6

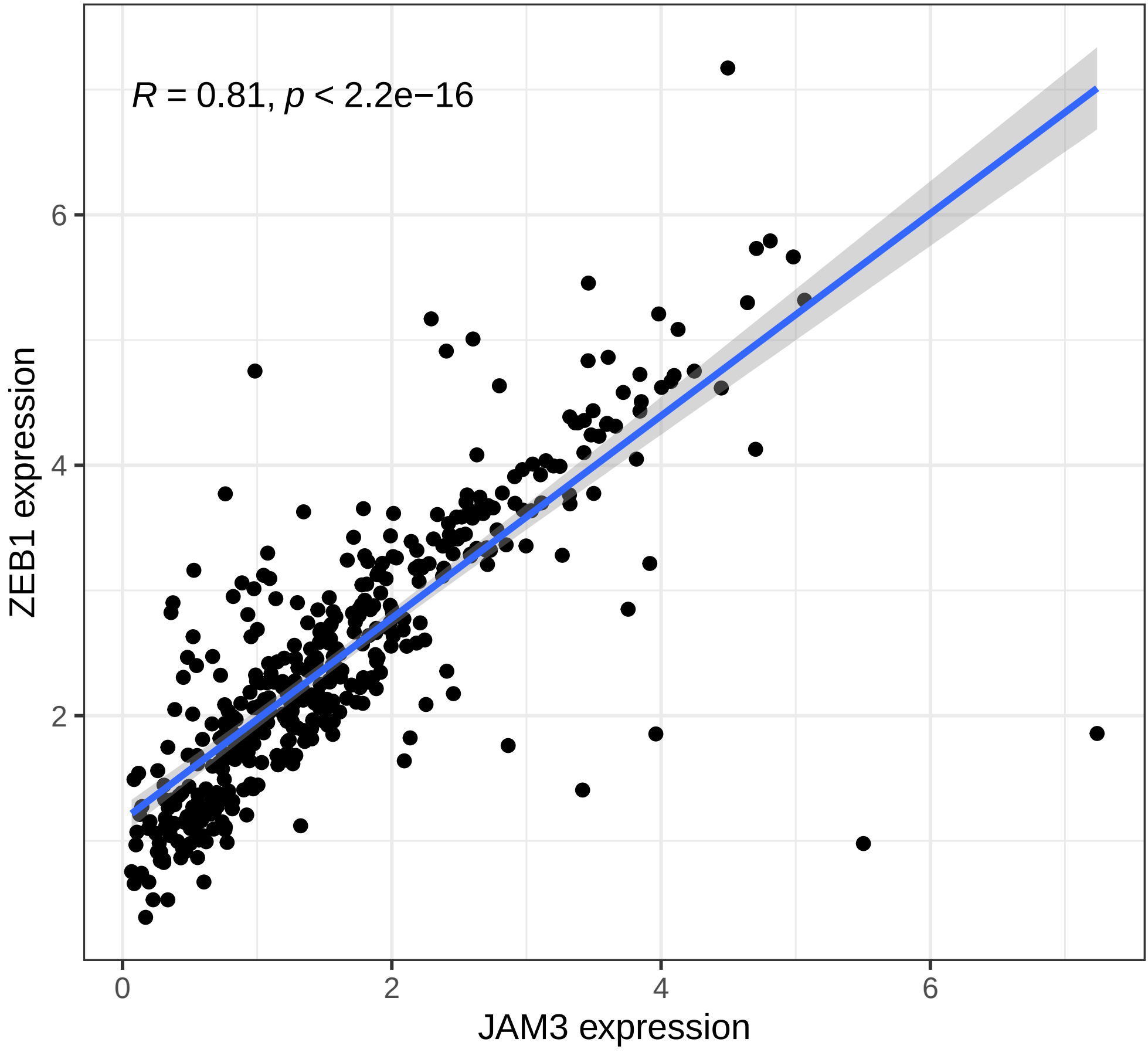

R = 0.65, p < 2.2e−16
TSPAN18 expression
JAM3 expression
0
2
4
6
0
2
4
6

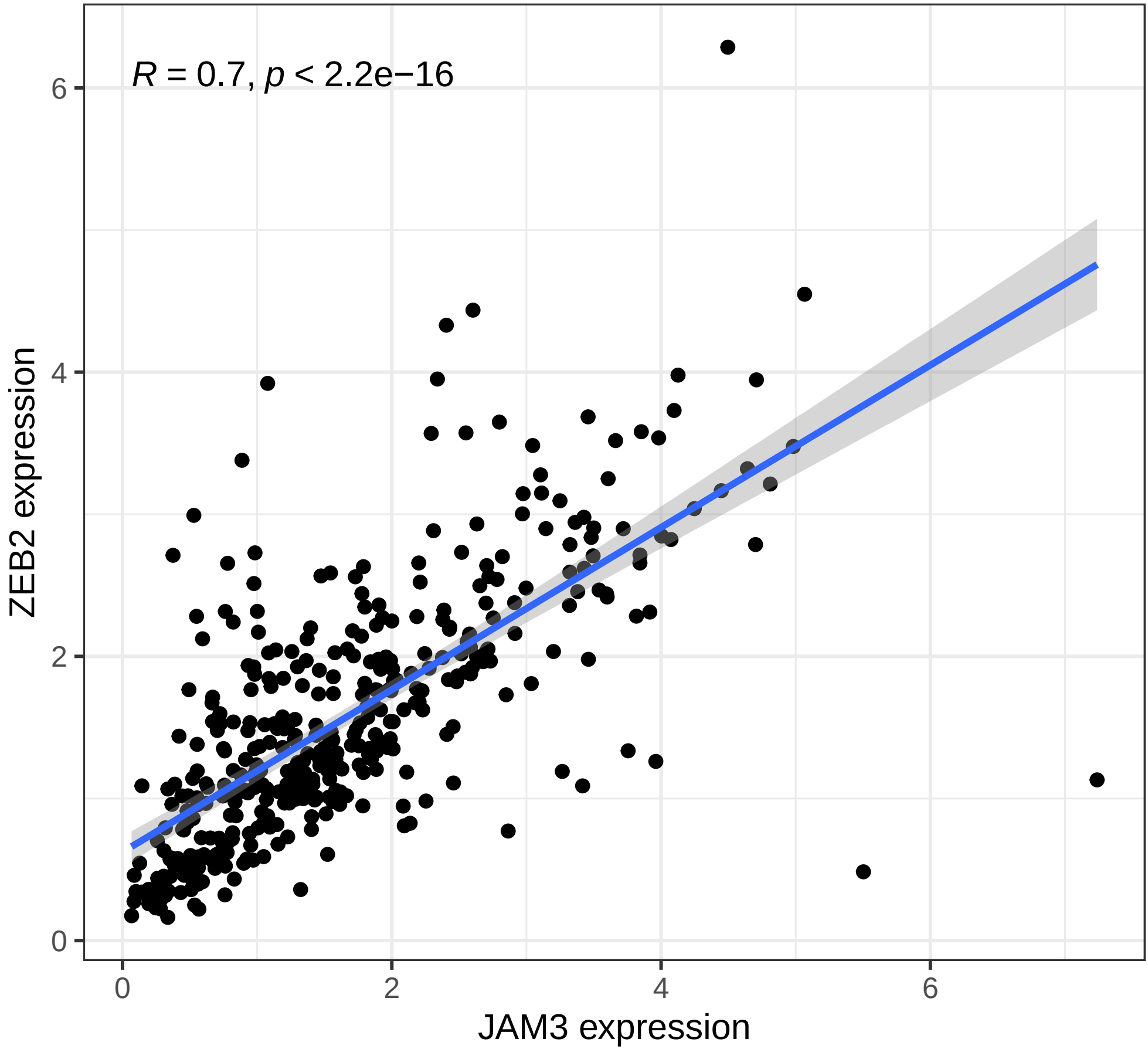

R = 0.66, p < 2.2e−16
VASH1 expression
JAM3 expression
5
4
3
2
1
0
2
4
6

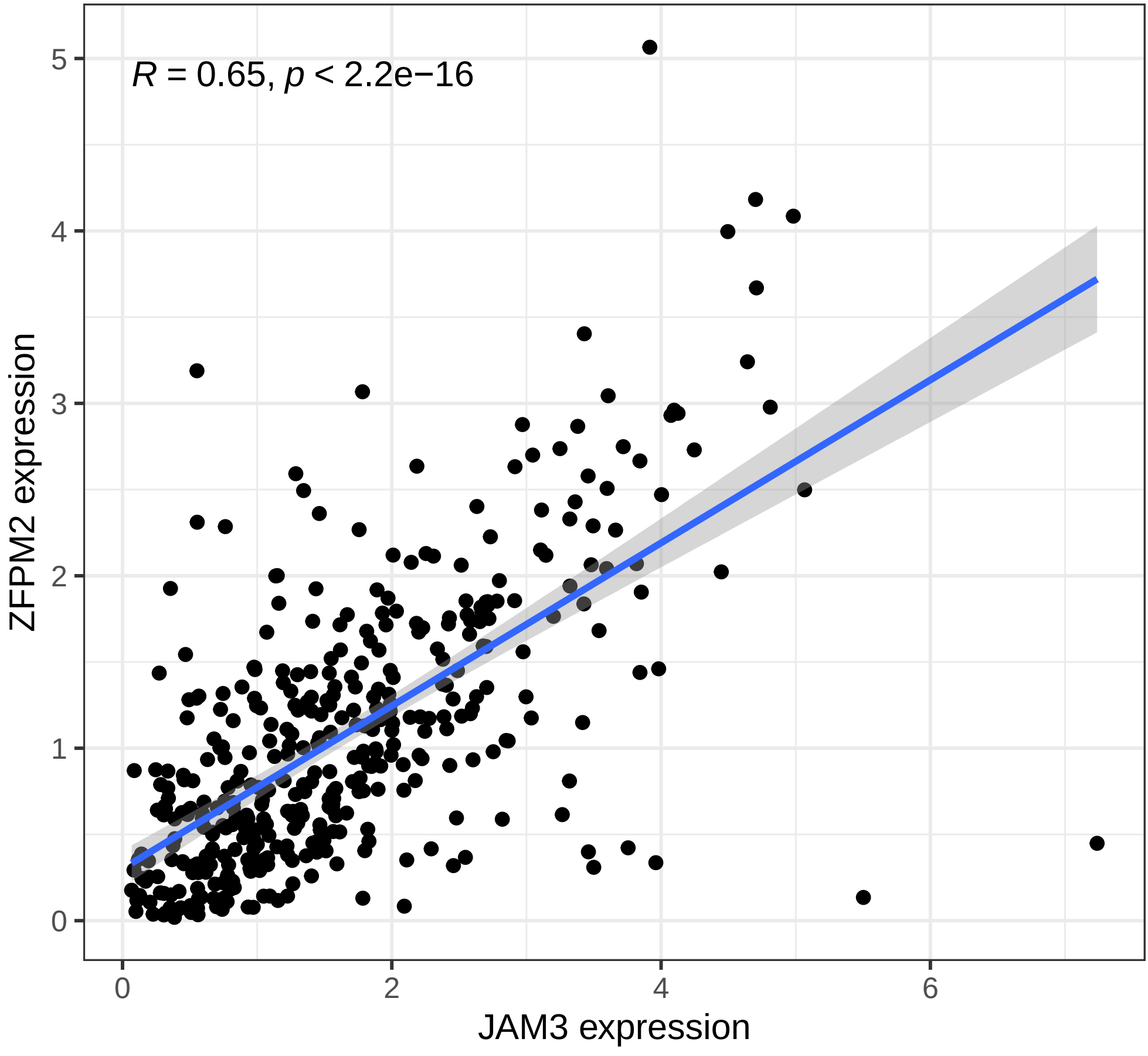

R = 0.63, p < 2.2e−16
VCAN expression
JAM3 expression
10.0
7.5
5.0
2.5
0.0
0
2
4
6

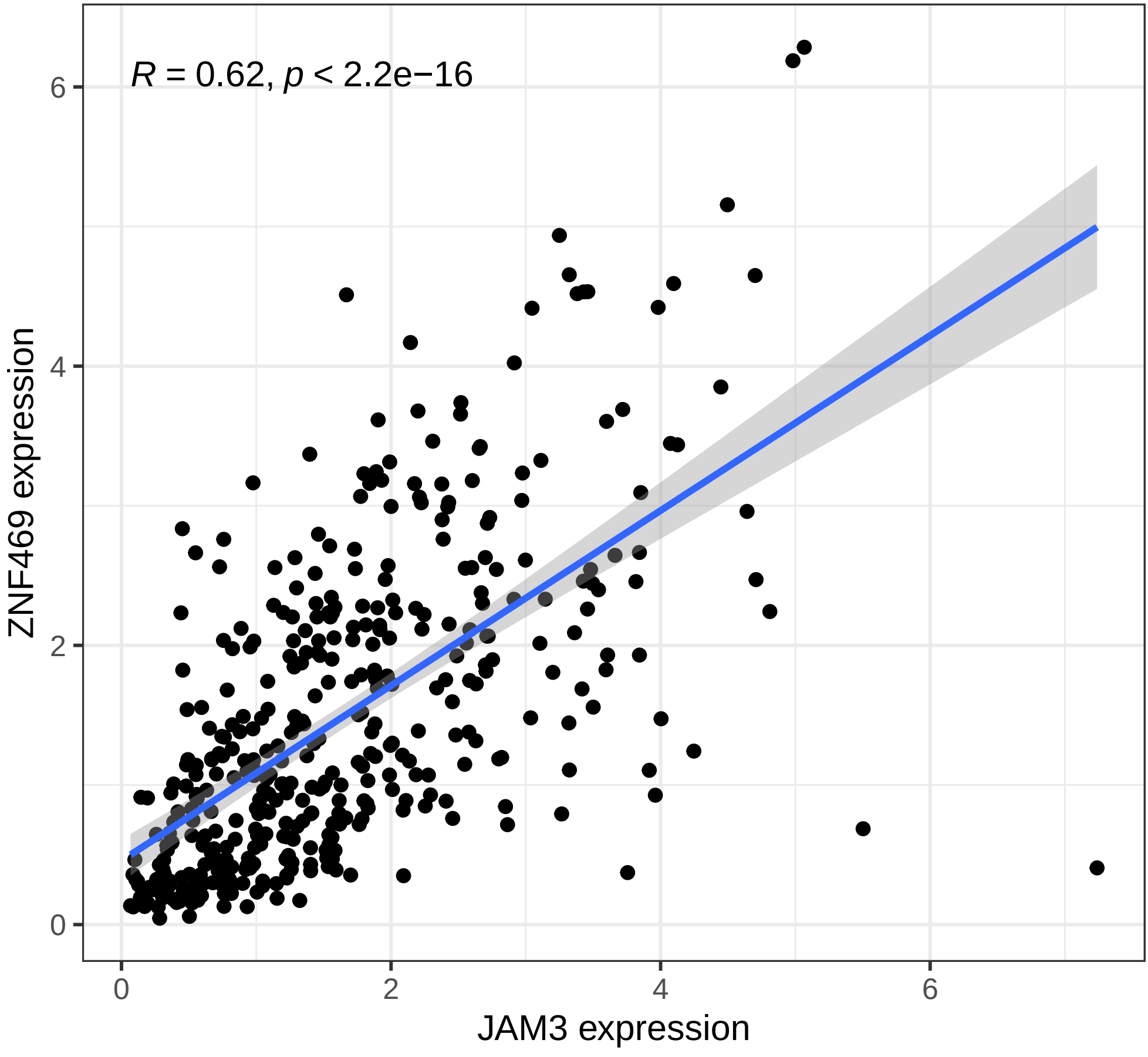

R = 0.73, p < 2.2e−16
VSTM4 expression
JAM3 expression
0
2
4
0
2
4
6

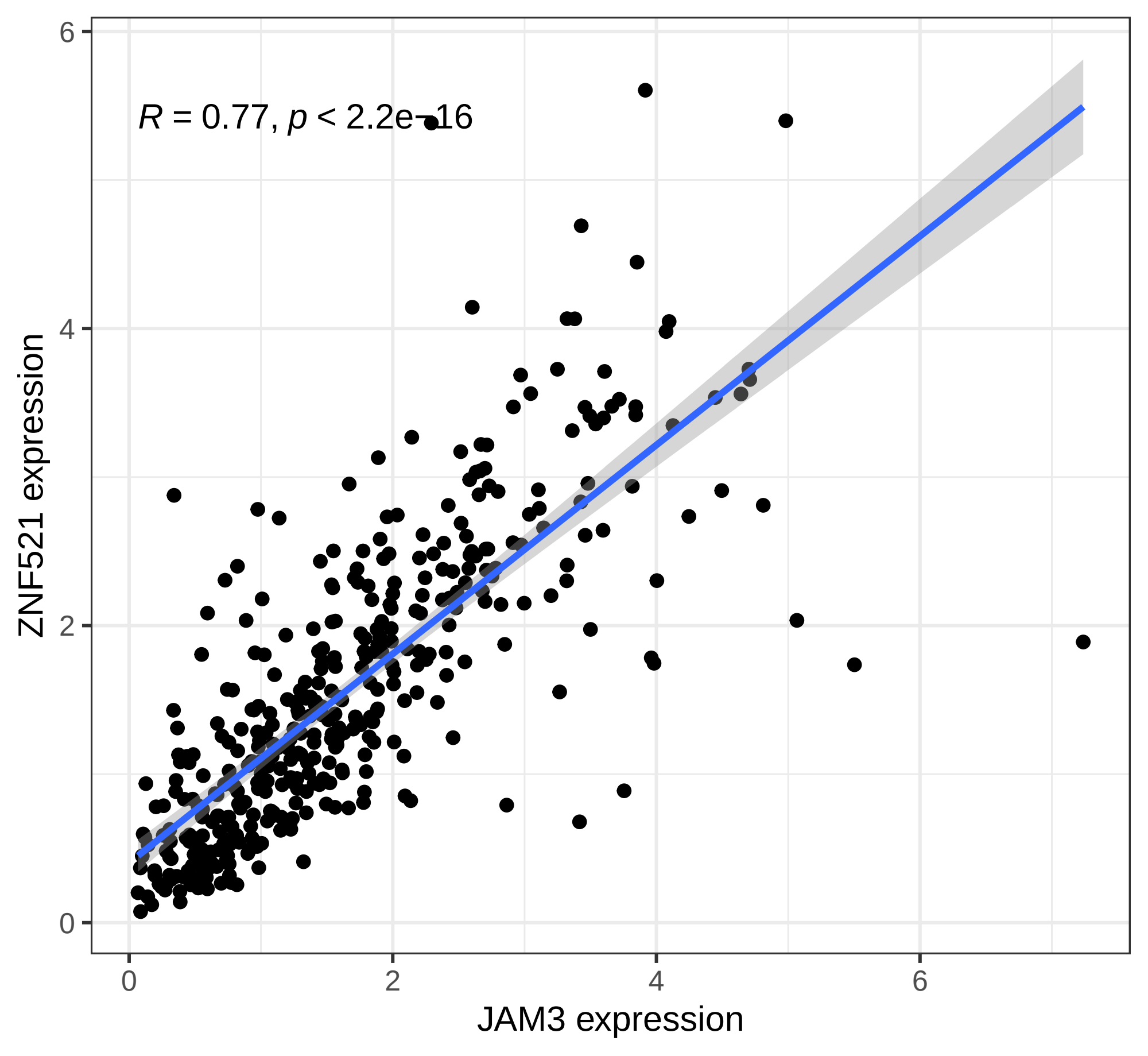

R = 0.69, p < 2.2e−16
ZCCHC24 expression
JAM3 expression
8
6
4
2
0
2
4
6


R = 0.81, p < 2.2e−16
ZEB1 expression
JAM3 expression
0
2
4
6
2
4
6


R = 0.7, p < 2.2e−16
ZEB2 expression
JAM3 expression
0
2
4
6
0
2
4
6


R = 0.65, p < 2.2e−16
ZFPM2 expression
JAM3 expression
0
1
2
3
4
5
0
2
4
6


R = 0.62, p < 2.2e−16
ZNF469 expression
JAM3 expression
0
2
4
6
0
2
4
6


R = 0.77, p < 2.2e−16
ZNF521 expression
JAM3 expression
0
2
4
6
0
2
4
6