Gene expression correlation plots for LPAR6 (log2 RSEM) versus immune cell infiltration level across multiple cancer types.

Columns: Purity, B Cell, CD8+ T Cell, CD4+ T Cell, Macrophage, Neutrophil, Dendritic Cell

KIRP
- Purity: cor = −0.158, p = 1.08e−02
- B Cell: partial.cor = −0.01, p = 8.68e−01
- CD8+ T Cell: partial.cor = −0.162, p = 8.95e−03
- CD4+ T Cell: partial.cor = 0.321, p = 1.33e−07
- Macrophage: partial.cor = −0.104, p = 1.02e−01
- Neutrophil: partial.cor = 0.413, p = 4.93e−12
- Dendritic Cell: partial.cor = 0.142, p = 2.31e−02

LGG
- Purity: cor = −0.265, p = 3.86e−09
- B Cell: partial.cor = 0.504, p = 3.88e−32
- CD8+ T Cell: partial.cor = 0.175, p = 1.21e−04
- CD4+ T Cell: partial.cor = 0.676, p = 9.68e−65
- Macrophage: partial.cor = 0.615, p = 1.63e−50
- Neutrophil: partial.cor = 0.635, p = 4.56e−55
- Dendritic Cell: partial.cor = 0.685, p = 2.98e−67

LIHC
- Purity: cor = −0.544, p = 4.67e−28
- B Cell: partial.cor = 0.192, p = 3.43e−04
- CD8+ T Cell: partial.cor = 0.335, p = 2.04e−10
- CD4+ T Cell: partial.cor = 0.355, p = 1.14e−11
- Macrophage: partial.cor = 0.351, p = 2.65e−11
- Neutrophil: partial.cor = 0.21, p = 8.64e−05
- Dendritic Cell: partial.cor = 0.397, p = 2.97e−14

LUAD
- Purity: cor = −0.398, p = 9.82e−20
- B Cell: partial.cor = 0.213, p = 2.20e−06
- CD8+ T Cell: partial.cor = 0.186, p = 3.65e−05
- CD4+ T Cell: partial.cor = 0.209, p = 3.51e−06
- Macrophage: partial.cor = 0.334, p = 4.48e−14
- Neutrophil: partial.cor = 0.361, p = 2.37e−16
- Dendritic Cell: partial.cor = 0.315, p = 1.13e−12

LUSC
- Purity: cor = −0.167, p = 2.55e−04
- B Cell: partial.cor = 0.036, p = 4.29e−01
- CD8+ T Cell: partial.cor = 0.059, p = 1.97e−01
- CD4+ T Cell: partial.cor = −0.055, p = 2.32e−01
- Macrophage: partial.cor = −0.01, p = 8.25e−01
- Neutrophil: partial.cor = 0.164, p = 3.19e−04
- Dendritic Cell: partial.cor = −0.03, p = 5.15e−01

MESO
- Purity: cor = −0.207, p = 5.62e−02
- B Cell: partial.cor = 0.144, p = 1.90e−01
- CD8+ T Cell: partial.cor = −0.256, p = 1.86e−02
- CD4+ T Cell: partial.cor = 0.339, p = 1.60e−03
- Macrophage: partial.cor = 0.531, p = 2.04e−07
- Neutrophil: partial.cor = 0.172, p = 1.18e−01
- Dendritic Cell: partial.cor = 0.009, p = 9.32e−01

OV
- Purity: cor = −0.449, p = 8.85e−14
- B Cell: partial.cor = 0.114, p = 7.55e−02
- CD8+ T Cell: partial.cor = 0.304, p = 1.31e−06
- CD4+ T Cell: partial.cor = 0.157, p = 1.42e−02
- Macrophage: partial.cor = 0.341, p = 4.48e−08
- Neutrophil: partial.cor = 0.383, p = 6.20e−10
- Dendritic Cell: partial.cor = 0.305, p = 1.19e−06

PAAD
- Purity: cor = −0.045, p = 5.57e−01
- B Cell: partial.cor = 0.121, p = 1.15e−01
- CD8+ T Cell: partial.cor = 0.108, p = 1.61e−01
- CD4+ T Cell: partial.cor = 0.299, p = 7.86e−05
- Macrophage: partial.cor = 0.103, p = 1.80e−01
- Neutrophil: partial.cor = 0.328, p = 1.22e−05
- Dendritic Cell: partial.cor = 0.128, p = 9.54e−02

PCPG
- Purity: cor = −0.577, p = 2.79e−16
- B Cell: partial.cor = −0.106, p = 1.73e−01
- CD8+ T Cell: partial.cor = 0.048, p = 5.38e−01
- CD4+ T Cell: partial.cor = 0.457, p = 5.49e−10
- Macrophage: partial.cor = 0.197, p = 1.10e−02
- Neutrophil: partial.cor = −0.032, p = 6.79e−01
- Dendritic Cell: partial.cor = 0.39, p = 1.88e−07

PRAD
- Purity: cor = −0.264, p = 4.70e−08
- B Cell: partial.cor = −0.063, p = 2.00e−01
- CD8+ T Cell: partial.cor = 0.053, p = 2.81e−01
- CD4+ T Cell: partial.cor = 0.138, p = 4.96e−03
- Macrophage: partial.cor = 0.077, p = 1.17e−01
- Neutrophil: partial.cor = 0.263, p = 6.66e−08
- Dendritic Cell: partial.cor = 0.093, p = 5.93e−02

READ
- Purity: cor = −0.161, p = 5.68e−02
- B Cell: partial.cor = 0.145, p = 8.76e−02
- CD8+ T Cell: partial.cor = 0.336, p = 5.40e−05
- CD4+ T Cell: partial.cor = −0.116, p = 1.75e−01
- Macrophage: partial.cor = 0.08, p = 3.50e−01
- Neutrophil: partial.cor = 0.207, p = 1.51e−02
- Dendritic Cell: partial.cor = 0.164, p = 5.36e−02

Y-axis: LPAR6 Expression Level (log2 RSEM)
X-axis: Infiltration Level