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The mRNA/Protein relationship is fluid and changes across tissue and diseased states

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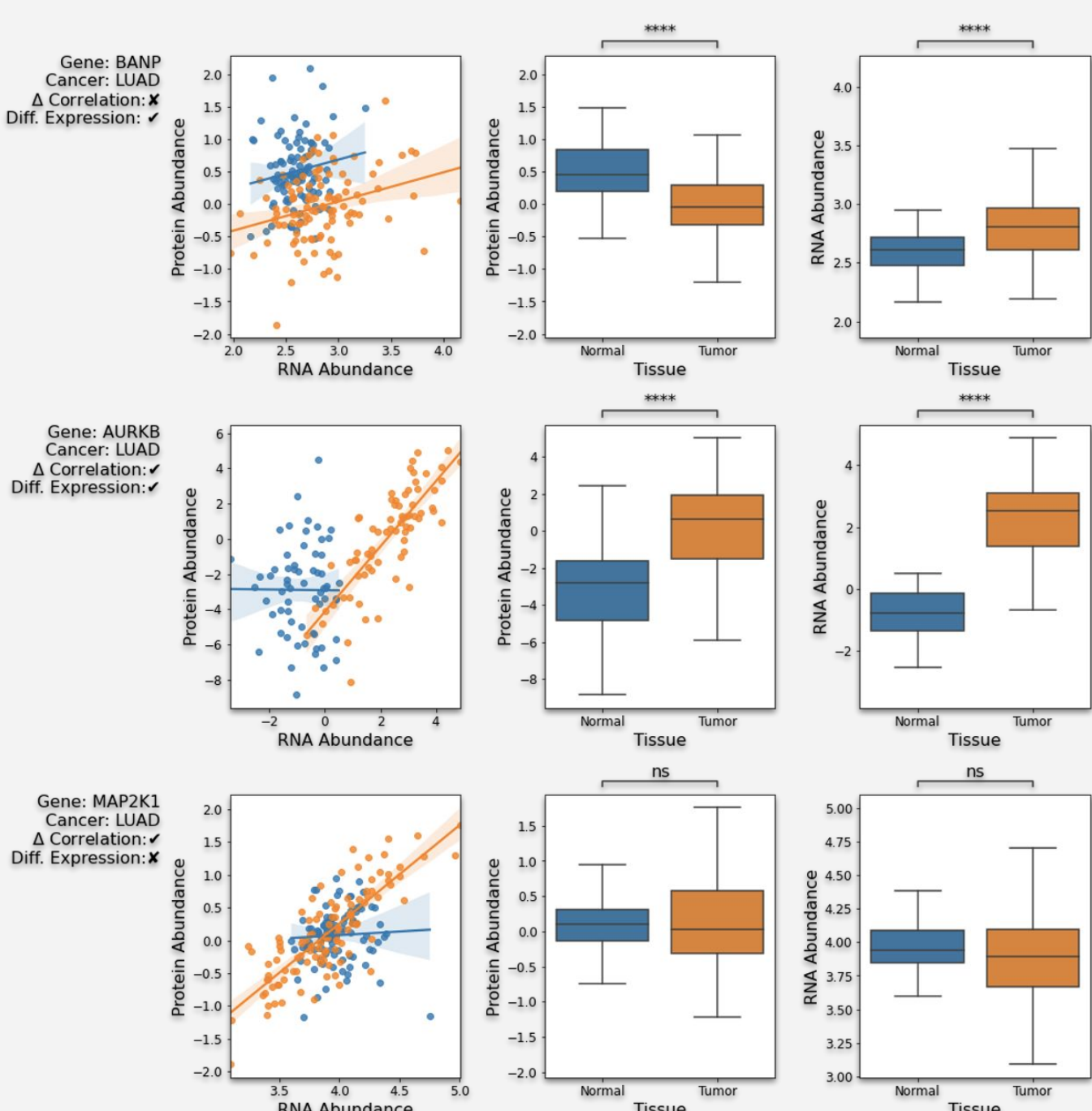
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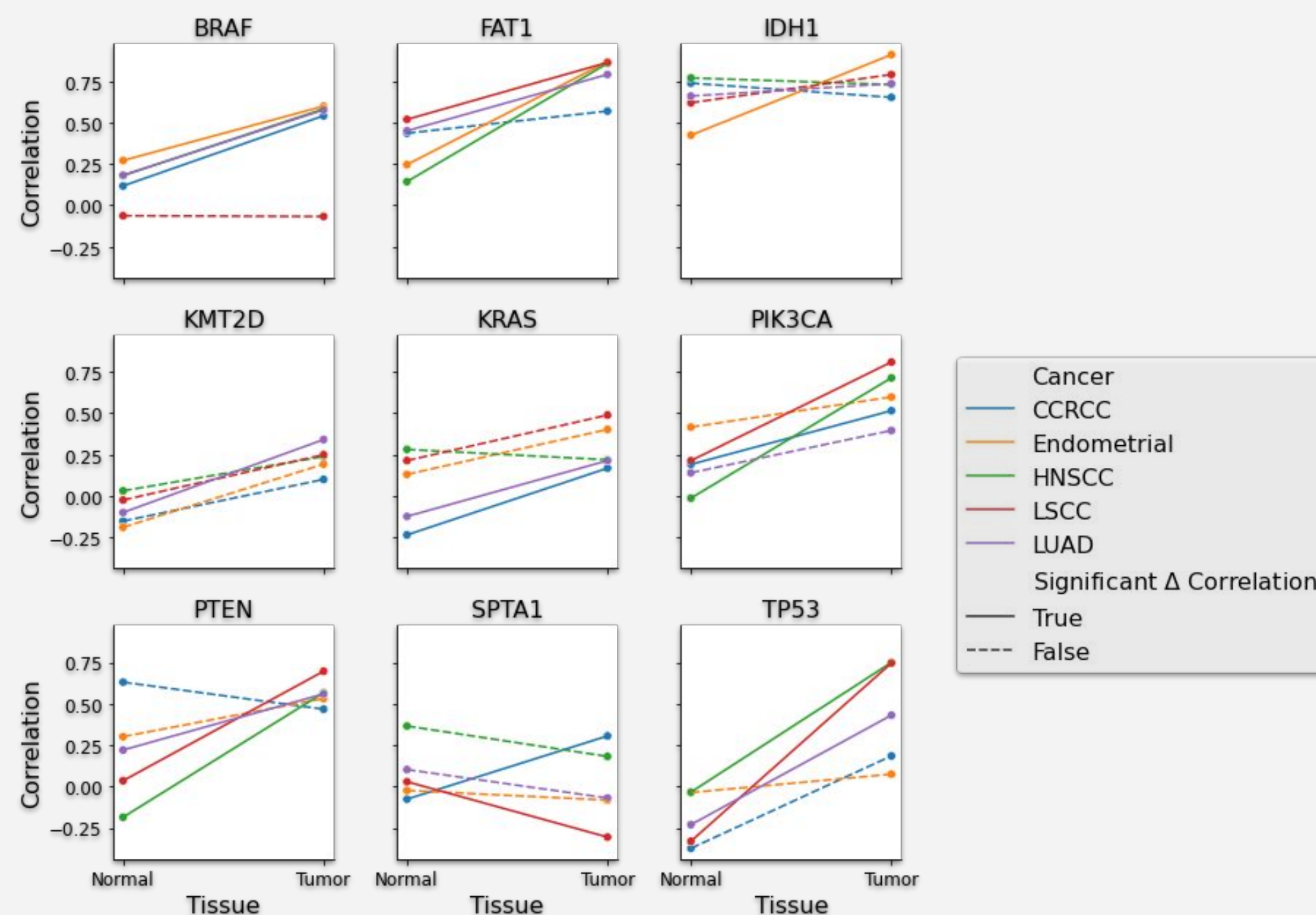
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Δ Correlation is distinct from differential expression



mRNA/Protein correlation changes from healthy to diseased tissue




Intro

- Cancer is a dysregulated cell
- Molecular typing via DNA/RNA/protein
- Is RNA a proxy for cell?

Methods

- CPTAC proteogenomics
- Spearman correlation of protein/mRNA
- p-value for changes in correlation

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