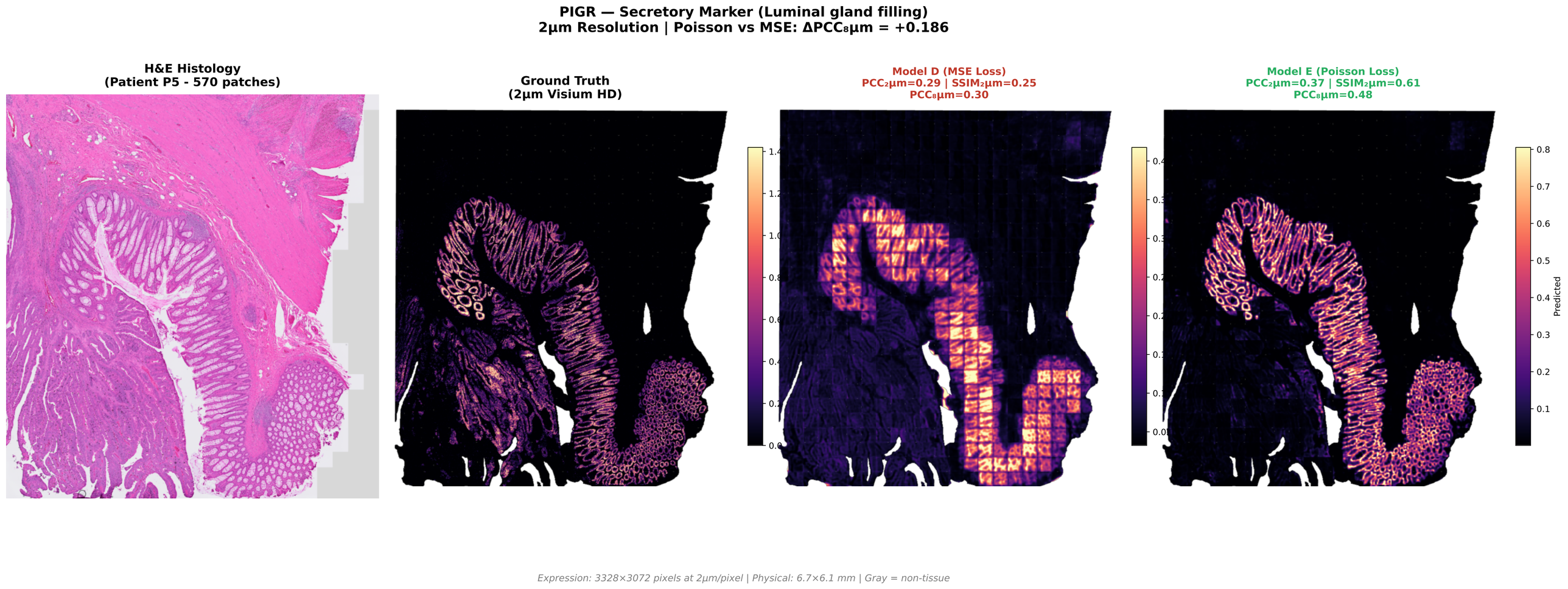
PIGR — Secretory Marker (Luminal gland filling)
2µm Resolution | Poisson vs MSE: ΔPCC₈µm = +0.186
H&E Histology
(Patient P5 - 570 patches)
Ground Truth
(2µm Visium HD)
Model D (MSE Loss)
PCC₂µm=0.29 | SSIM₂µm=0.25
PCC₈µm=0.30
Model E (Poisson Loss)
PCC₂µm=0.37 | SSIM₂µm=0.61
PCC₈µm=0.48
Predicted
Expression: 3328×3072 pixels at 2µm/pixel | Physical: 6.7×6.1 mm | Gray = non-tissue