



Supplementary Fig. 3. Copy number alterations between primary tumor and PDX tumor in CCA-2 and CCA-3. CCA-2 primary tumor (A) and CCA-2 PDX tumor (B) exhibited EGFR copy number gain at chromosome 7p. CCA-3 primary tumor (C) and CCA-3 PDX tumor (D) harbored *ERBB3*, *CDK4* copy number gain at chromosome 12q.