

**S3 Table.** List of samples for gastric cancer organoids

<b>Organoid ID</b>	<b>Fluid</b>	<b>Cytopathology</b>	<b>Success</b>	<b>Differentiation</b>	<b>HER2 (IHC)</b>	<b>MLH1 (IHC)</b>	<b>MSH2 (IHC)</b>	<b>PDL1 (IHC)</b>	<b>EBV (ISH)</b>	<b>EGFR (IHC)</b>
GC01-A	Ascites	Positive	Success	Poor	Negative	Intact	Intact	Negative	Negative	Negative
GC02-A	Ascites	Negative	Fail	Poor	Negative	Intact	Intact	N/A	Negative	Negative
GC03-A	Ascites	Positive	Fail	Poor	Positive	Intact	N/A	Negative	Negative	Negative
GC04-A	Ascites	Negative	Fail	Poor	Negative	Intact	N/A	Negative	N/A	Negative
GC05-PE	Pleural effusion	Positive	Success	Poor	Negative	Intact	Intact	Negative	Negative	1+
GC06-A	Ascites	Negative	Fail	Poor	Negative	Intact	Intact	Negative	Negative	Negative
GC07-A	Ascites	Positive	Success	Poor	Negative	Intact	N/A	Negative	Negative	1+
GC08-A	Ascites	Positive	Fail	Poor	Negative	Intact	N/A	CPS > 1	Negative	Negative
GC09-A	Ascites	Negative	Fail	Poor	Negative	Intact	Intact	Negative	Negative	Negative
GC10-A	Ascites	Positive	Fail	Poor	Negative	Intact	Intact	N/A	Negative	N/A
GC11-A	Ascites	Positive	Success	Poor	Negative	Intact	Intact	CPS > 1	Negative	Negative
GC12-A	Ascites	Negative	Success	Moderate	Negative	Intact	Intact	Negative	Negative	3+
GC13-A	Ascites	Positive	Fail	Poor	Negative	Intact	Intact	Negative	Negative	Negative
GC14-A	Ascites	Positive	Fail	Poor	Negative	Intact	Intact	Negative	Negative	Negative
GC15-A	Ascites	Positive	Fail	Poor	Negative	Intact	Intact	CPS > 1	Negative	Negative
GC16-A	Ascites	Positive	Success	Poor	Negative	Intact	Intact	N/A	Negative	N/A
GC17-A	Ascites	Negative	Fail	Poor	Negative	Intact	Intact	Negative	Negative	Negative
GC18-A	Ascites	Positive	Success	Poor	Negative	Intact	Intact	Negative	Negative	Negative
GC19-A	Ascites	Negative	Fail	Poor	Negative	Intact	Intact	Negative	Negative	Negative
GC20-A	Ascites	Negative	Fail	Poor	Negative	Intact	Intact	N/A	Negative	N/A
GC21-A	Ascites	Negative	Fail	Poor	Negative	Intact	Intact	Negative	Negative	Negative

CPS, combined positive score; EBV, Epstein-Barr virus; EGFR, epidermal growth factor receptor; HER2, human epidermal growth factor receptor 2; IHC, immunohistochemical staining; ISH, in-situ hybridization; N/A, not available; PDL1, programmed death-ligand 1.