	Sample_ID	Cancer type	Differentiation grade
T001	**KM160001**	Colon cancer	Moderately differentiated grade
T002	**CQ170505**	Colon cancer	Moderately differentiated grade
T003	**CQ170524**	Colon cancer	Poorly differentiated grade
T008	**KM160013**	Colon cancer	Moderately differentiated grade
T009	**KM160014**	Colon cancer	Poorly to Moderately Differentiated Aden
T012	**KM160019**	Colon cancer	Moderately differentiated grade
T016	**KM170016**	Colon cancer	Moderately differentiated grade
T017	**KM170020**	Colon cancer	Moderately differentiated grade
T018	**KM170001**	Colon cancer	NA
T021	**KM180001**	Colon cancer	Moderately differentiated grade
T022	**KM180002**	Colon cancer	Moderately differentiated grade
T023	**KM180004**	Colon cancer	Moderately differentiated grade
T024	**KM180005**	Colon cancer	Moderately differentiated grade
T025	**KM180016**	Colon cancer	Moderately differentiated grade
T026	**KM180018**	Colon cancer	Moderately differentiated grade
T027	**KM180021**	Colon cancer	Moderately differentiated grade
T028	**KM180022**	Colon cancer	Moderately differentiated grade
T029	**KM180024**	Colon cancer	Moderately differentiated grade
T030	**KM180031**	Colon cancer	Moderately differentiated grade
T031	**KM180033**	Colon cancer	Moderately differentiated grade
T032	**KM180038**	Colon cancer	Moderately differentiated grade
T033	**KM180040**	Colon cancer	Poorly differentiated grade
T034	**KM180042**	Colon cancer	Moderately differentiated grade
T035	**KM180045**	Colon cancer	Moderately differentiated grade
T036	**KM180047**	Colon cancer	Moderately differentiated grade
T037	**KM180051**	Colon cancer	Moderately differentiated grade
T038	**KM180063**	Colon cancer	Moderately differentiated grade
T039	**KM180065**	Colon cancer	Moderately differentiated grade
T040	**KM180069**	Colon cancer	poorly differentiated adenocarcinoma
T051	**KM180090**	Colon cancer	Moderately differentiated grade

T052	**KM180092**	Colon cancer	Moderately differentiated grade
T053	**KM180096**	Colon cancer	Moderately differentiated grade
T054	**KM180097**	Colon cancer	Moderately differentiated grade
T055	**KM180099**	Colon cancer	Moderately differentiated grade
T056	**KM180102**	Colon cancer	Moderately differentiated grade
T057	**KM190009**	Colon cancer	Moderately differentiated grade
T060	**S371709**	Colon cancer	Moderately differentiated grade
T061	**KM190021**	Colon cancer	Moderately differentiated grade
T062	**KM190037**	Colon cancer	Moderately differentiated grade
T063	**KM190041**	Colon cancer	Moderately differentiated grade
T064	**KM190042**	Colon cancer	Moderately differentiated grade
T065	**KM190043**	Colon cancer	Moderately differentiated grade
T066	**KM190045**	Colon cancer	Moderately differentiated grade
T069	**KM190054**	Colon cancer	Moderately differentiated grade
T070	**KM190056**	Colon cancer	Moderately differentiated grade
T071	**KM200008**	Colon cancer	Moderately differentiated grade
T072	**KM200011**	Colon cancer	Moderately differentiated grade
T073	**KM200035**	Colon cancer	Moderately differentiated grade
T074	**KM200046**	Colon cancer	Moderately differentiated grade
T075	**KM210004**	Colon cancer	Moderately differentiated grade
T076	**KM210008**	Colon cancer	Moderately differentiated grade
T077	**KM210016**	Colon cancer	Moderately differentiated grade
T078	**KM210018**	Colon cancer	Moderately differentiated grade
T079	**KM210020**	Colon cancer	Moderately differentiated grade
T080	**KM210022**	Colon cancer	Poorly differentiated grade
T081	**KM210024**	Colon cancer	Moderately differentiated grade
T082	**KM210025**	Colon cancer	Moderately differentiated grade
T083	**KM210026**	Colon cancer	Moderately differentiated grade
T084	**KM210027**	Colon cancer	Moderately differentiated grade
T085	**KM210030**	Colon cancer	Moderately differentiated grade
T086	**KM210031**	Colon cancer	Moderately differentiated grade
T088	**KM210034**	Colon cancer	Poorly differentiated grade
T089	**KM200050**	Colon cancer	Moderately differentiated grade
T090	**KM210075**	Colon cancer	Moderately differentiated grade
T091	**KM210074**	Colon cancer	Moderately differentiated grade
T092	**KM210073**	Colon cancer	Moderately differentiated grade
T093	**KM210071**	Colon cancer	Moderately differentiated grade
T094	**KM210055**	Colon cancer	Poorly differentiated grade
T095	**KM210054**	Colon cancer	Moderately differentiated grade
T096	**KM210052**	Colon cancer	Moderately differentiated grade

T099	**KM210043**	Colon cancer	Moderately differentiated grade
T101	**KM210067**	Colon cancer	Poorly differentiated grade
T102	**KM210066**	Colon cancer	Moderately differentiated grade
T103	**KM210036**	Colon cancer	Poorly differentiated grade
T104	**KM210060**	Colon cancer	Moderately differentiated grade
T105	**KM210057**	Colon cancer	Moderately differentiated grade
T106	**KM210038**	Colon cancer	Poorly differentiated grade
T108	**KM200006**	Colon cancer	Moderately differentiated grade
T109	**KM200014**	Colon cancer	Moderately differentiated grade
T111	**KM200049**	Colon cancer	Moderately differentiated grade
T112	**KM210076**	Colon cancer	Moderately differentiated grade
T113	**KM210078**	Colon cancer	Poorly differentiated grade
T114	**KM210079**	Colon cancer	Moderately differentiated grade
T115	**KM210081**	Colon cancer	Moderately differentiated grade
T116	**KM210082**	Colon cancer	Moderately differentiated grade
T117	**KM220001**	Colon cancer	Moderately differentiated grade
T118	**KM220002**	Colon cancer	Moderately differentiated grade
T119	**KM220004**	Colon cancer	Moderately differentiated grade
T120	**KM220005**	Colon cancer	Poorly differentiated grade
T121	**KM220006**	Colon cancer	Moderately differentiated grade
T122	**KM220007**	Colon cancer	Moderately differentiated grade
T125	**KM180030**	Colon cancer	Moderately differentiated grade
T126	**KM180032**	Colon cancer	Moderately differentiated grade
T127	**KM180049**	Colon cancer	Moderately differentiated grade
T128	**KM180053**	Colon cancer	Moderately differentiated grade
T129	**KM180055**	Colon cancer	Poorly to moderately differentiated adeno
T130	**KM190002**	Colon cancer	Moderately differentiated grade
T131	**KM190010**	Colon cancer	Moderately differentiated grade
T132	**KM190031**	Colon cancer	Moderately differentiated grade
T134	**KM190048**	Colon cancer	Moderately differentiated grade
T135	**KM190049**	Colon cancer	Moderately differentiated grade
T136	**KM190050**	Colon cancer	Moderately differentiated grade
T137	**KM190055**	Colon cancer	Moderately differentiated grade
T138	**KM190058**	Colon cancer	Moderately differentiated grade
T139	**KM190064**	Colon cancer	Moderately differentiated grade
T140	**KM190065**	Colon cancer	Moderately differentiated grade
T141	**KM200001**	Colon cancer	Moderately differentiated grade
T142	**KM200002**	Colon cancer	Poorly differentiated grade
T143	**KM200018**	Colon cancer	Moderately differentiated grade
T144	**KM200021**	Colon cancer	Moderately differentiated grade

T145	**KM200022**	Colon cancer	Moderately differentiated grade
T146	**KM200023**	Colon cancer	Moderately differentiated grade
T147	**KM200024**	Colon cancer	Poorly differentiated grade
T148	**KM200025**	Colon cancer	Poorly differentiated grade
T149	**KM200031**	Colon cancer	Moderately differentiated grade
T150	**KM200038**	Colon cancer	Moderately differentiated grade
T151	**KM200039**	Colon cancer	Moderately differentiated grade
T152	**KM200040**	Colon cancer	Moderately differentiated grade
T153	**KM200041**	Colon cancer	Moderately differentiated grade
T154	**KM200042**	Colon cancer	Moderately differentiated grade
T155	**KM200043**	Colon cancer	Poorly differentiated grade
T156	**KM210001**	Colon cancer	Moderately differentiated grade
T157	**KM220009**	Colon cancer	Moderately differentiated grade
T158	**KM220010**	Colon cancer	Poorly differentiated grade
T159	**KM220011**	Colon cancer	Moderately differentiated grade
T160	**KM220012**	Colon cancer	Moderately differentiated grade
T161	**KM220013**	Colon cancer	Moderately differentiated grade
T162	**KM220015**	Colon cancer	Moderately differentiated grade
T163	**KM220016**	Colon cancer	Moderately differentiated grade
T164	**KM220018**	Colon cancer	Moderately differentiated grade
T165	**KM220020**	Colon cancer	Moderately differentiated grade
T166	**KM220024**	Colon cancer	Moderately differentiated grade
T167	**KM220025**	Colon cancer	Moderately differentiated grade
T170	**KM220014**	Colon cancer	Moderately differentiated grade
T200	S2026790	Colon cancer	Moderately differentiated grade
T201	S2039277	Colon cancer	Moderately differentiated grade
T202	S2100673	Colon cancer	Moderately differentiated grade
T203	S2009931	Colon cancer	Moderately differentiated grade
T204	S2103924	Colon cancer	Moderately differentiated grade
T205	K2100777	Colon cancer	Poorly differentiated grade
T206	S2103737	Colon cancer	Moderately differentiated grade
T207	K2101558	Colon cancer	Moderately differentiated grade
T208	K2102544	Colon cancer	Moderately differentiated grade
T209	K2102754	Colon cancer	Moderately differentiated grade
T210	S2116417	Colon cancer	Moderately differentiated grade
T211	K2201401	Colon cancer	Moderately differentiated grade
T212	S2214810	Colon cancer	Moderately differentiated grade
T213	S2210417	Colon cancer	Moderately differentiated grade
T195		Colon cancer	Moderately differentiated grade
T196		Colon cancer	Moderately differentiated grade

T197	Colon cancer	Moderately differentiated grade
T198	Colon cancer	Moderately differentiated grade
T199	Colon cancer	Moderately differentiated grade

Pathological type	Gender (Male/ Female)	Birthdate	Age of Diagnosis	Ethnicity (Chinese/ Macanese/ Portuguese)	Tumor type	Tumor Stage (I/II/III)
adenocarcinoma	Female	NA	NA	Chinese	Primary	NA
adenocarcinoma	Male	1950/09/01	66	Chinese	Primary	T3N1
adenocarcinoma	Female	1974/08/15	43	Chinese	Primary	T3N0
adenocarcinoma	Male	1946/12/25	74	Chinese	Primary	T1N0
adenocarcinoma	Male	1956/09/12	60	Chinese	Primary	T4aN2b
adenocarcinoma	Female	1934/09/14	81	Chinese	Primary	T4N0M1
adenocarcinoma	Male	1954/11/23	62	Chinese	Primary	T3N1c
adenocarcinoma	Male	1959/11/01	60	Chinese	Primary	T3N0
adenocarcinoma	Female	1939/05/02	78	Chinese	Primary	NA
adenocarcinoma	Female	1940/03/09	78	Chinese	Primary	T3N1a
adenocarcinoma	Male	1936/02/12	81	Chinese	Primary	T3N0
adenocarcinoma	Female	1965/10/01	52	Chinese	Primary	T2
adenocarcinoma	Female	1974/12/01	43	Chinese	Primary	T4aN1a
adenocarcinoma	Female	1962/01/01	56	Chinese	Primary	T2N1a
adenocarcinoma	Female	1932/06/05	76	Chinese	Primary	T3N0
adenocarcinoma	Male	1950/6/20	67	Chinese	Primary	T3N0
adenocarcinoma	Male	1957/04/01	60	Chinese	Primary	T2N0
adenocarcinoma	Male	1929/11/01	64	Chinese	Primary	T3N1b
adenocarcinoma	Male	1946/06/01	72	Chinese	Primary	T3N1c
adenocarcinoma	Female	1934/06/01	83	Chinese	Primary	T3N0
adenocarcinoma	Male	1952/07/01	65	Chinese	Primary	T3N1a
adenocarcinoma	Female	1988/10/05	29	Chinese	Primary	T4N2a
adenocarcinoma	Female	1927/01/07	92	Chinese	Primary	T3N1b
adenocarcinoma	Male	1951/03/01	67	Chinese	Primary	T3N2a
adenocarcinoma	Male	1936/11/01	82	Chinese	Primary	T4N1c
adenocarcinoma	Male	1960/10/01	58	Chinese	Primary	T3N1a
adenocarcinoma	Male	1912/09/01	59	Chinese	Primary	T3N1c
adenocarcinoma	Female	1931/10/01	87	Chinese	Primary	T3N1
adenocarcinoma	Male	1972/01/01	46	Chinese	Primary	T2a
adenocarcinoma	Male	1946/10/05	72	Chinese	Primary	T3N1a

adenocarcinoma	Female	1949/12/01	68	Chinese	Primary	T3N0
adenocarcinoma	Female	1956/08/05	61	Chinese	Primary	T3N0
adenocarcinoma	Female	1949/12/01	69	Chinese	Primary	T1N0
adenocarcinoma	Female	1957/09/03	61	Chinese	Primary	T3N1a
adenocarcinoma	Male	1954/05/15	64	Chinese	Primary	T4aN0
Mucinous adenocarc	Male	1966/04/01	52	Chinese	Primary	T3N1M1
Mucinous adenocarc	Female	1949/09/03	69	Chinese	Primary	T3N0M0
adenocarcinoma	Female	1956/10/01	62	Chinese	Primary	T3N2b
adenocarcinoma	Male	1955/07/01	64	Chinese	Primary	T2N0
adenocarcinoma	Female	1960/05/01	59	Chinese	Primary	T2N2a
adenocarcinoma	Female	1934/09/01	84	Chinese	Primary	T3N1c
adenocarcinoma	Male	1955/07/01	63	Chinese	Primary	T3N0
adenocarcinoma	Male	1950/10/11	68	Chinese	Primary	T3N2bM1
adenocarcinoma	Female	1936/01/22	83	Chinese	primary	T1N0
adenocarcinoma	Male	1952/08/16	67	Chinese	primary	T3N1b
adenocarcinoma	Male	1948/04/08	72	Chinese	primary	T3N0
adenocarcinoma	Female	1961/02/20	59	Chinese	primary	T3N2a
adenocarcinoma	Female	1951/08/15	69	Chinese	primary	T3N2
adenocarcinoma	Male	1954/5/26	66	Chinese	primary	T2N0i+
adenocarcinoma	Male	1957/02/05	63	Chinese	primary	TisN0
adenocarcinoma	Female	1938/06/25	83	Chinese	primary	T3N0
adenocarcinoma	Male	1953/02/06	69	Chinese	primary	T2N0
adenocarcinoma	Male	1943/10/12	78	Chinese	primary	T4N1bM(
adenocarcinoma	Male	1958/05/31	62	Chinese	primary	T4N1a
adenocarcinoma	Female	1944/01/07	78	Chinese	primary	T3N0M0
adenocarcinoma	Female	1945/05/27	76	Chinese	primary	T4aN1a
adenocarcinoma	Female	1958/03/03	64	Chinese	primary	T3N1bM(
adenocarcinoma	Female	1956/10/18	65	Chinese	primary	T4bN1b
adenocarcinoma	Female	1967/06/18	54	Chinese	primary	T4aN1c
adenocarcinoma	Female	1953/11/11	68	Chinese	primary	T4aN1b
Mucinous adenocarc	Male	1949/08/24	72	Chinese	primary	T3N1
adenocarcinoma	Female	1982/10/04	38	Chinese	primary	T3N1cM(
adenocarcinoma	Female	1949/10/01	71	Chinese	Primary	NA
adenocarcinoma	Male	1936/08/10	85	Chinese	primary	T3N1bM(
adenocarcinoma	Female	1975/02/28	47	Chinese	primary	T1N0
Mucinous adenocarc	Male	1952/10/09	69	Chinese	primary	T3N1a+N
adenocarcinoma	Male	1964/08/21	57	Chinese	primary	T2N0M0
adenocarcinoma	Male	1957/04/15	65	Chinese	primary	T3N2aM(
adenocarcinoma	Male	1953/08/01	68	Chinese	primary	T3N0M0
Mucinous adenocarc	Male	1962/12/26	59	Chinese	primary	T3N0

Mucinous adenocarc	Male	1947/07/14	74	Chinese primary	T3N2a
adenocarcinoma	Male	1949/10/26	72	Chinese primary	T1N0
adenocarcinoma	Female	1965/02/02	56	Chinese primary	T4aN0M0
Mucinous adenocarc	Female	1954/08/28	67	Chinese primary	T3N1bM0
adenocarcinoma	Male	1949/08/12	72	Chinese primary	T2N0i+
adenocarcinoma	Female	1956/11/12	65	Chinese primary	T3N0
adenocarcinoma	Female	1973/03/18	50	Chinese primary	T3N2
adenocarcinoma	Female	1964/08/01	55	Chinese primary	T2N0
adenocarcinoma	Female	1940/08/13	79	Chinese primary	T2N0
Mucinous adenocarc	Female	1937/05/07	83	Chinese primary	T3N2
adenocarcinoma	Male	1954/07/08	67	Chinese primary	NA
adenocarcinoma	Male	1957/10/03	64	Chinese primary	T3N0
adenocarcinoma	Male	1958/12/13	63	Chinese primary	T3N1M1
adenocarcinoma	Male	1952/01/10	69	Chinese primary	T2N0
adenocarcinoma	Male	1949/10/20	72	Chinese primary	T3N0
adenocarcinoma	Male	1964/12/15	57	Chinese primary	T3N0
adenocarcinoma	Male	1961/12/26	61	Chinese primary	T4aN2a
adenocarcinoma	Male	1960/02/08	61	Chinese primary	T4N+Mx,
adenocarcinoma	Female	1953/01/16	68	Chinese primary	T4aN2b
adenocarcinoma	Female	1950/03/27	71	Chinese primary	T3N0i+M
adenocarcinoma	Male	1962/02/13	61	Chinese primary	T3N1aM0
adenocarcinoma	Male	1942/10/02	75	Chinese Primary	T3N1a
adenocarcinoma	Female	1964/10/18	54	Chinese Primary	T3N1b
adenocarcinoma	Female	1928/12/20	89	Chinese Primary	T3N0
adenocarcinoma	Male	1928	90	Chinese Primary	T3N2a
adenocarcinoma	Female	1939	79	Chinese Primary	T4aN2b
adenocarcinoma	Male	1952/08/01	67	Chinese Primary	T3N0
adenocarcinoma	Male	1961	58	Chinese primary	T2N0
adenocarcinoma	Male	1944/1/8	75	Chinese Primary	T2N2b
adenocarcinoma	Female	1963/10/28	55	Chinese primary	T3N0
adenocarcinoma	Male	1947	72	Chinese primary	T3N1a
adenocarcinoma	Male	1962/05/10	57	Chinese primary	T2N0
adenocarcinoma	Female	1959/12/08	59	Chinese primary	T4N1
adenocarcinoma	Female	1954/09/04	65	Chinese primary	T4aN1c
adenocarcinoma	Male	1931/09/04	88	Chinese primary	T4aN0i+
adenocarcinoma	Male	1951/07/15	68	Chinese primary	T3N1c
adenocarcinoma	Female	1960/03/02	60	Chinese primary	T4aN2a
adenocarcinoma	Male	1956/10/24	63	Chinese primary	T3N1c
adenocarcinoma	Female	1965/08/11	54	Chinese primary	NA
adenocarcinoma	Female	1985/05/02	35	Chinese primary	T3N0(i+)

adenocarcinoma	Male	1933/05/30	87	Chinese primary	T3N0
adenocarcinoma	Male	1937/12/15	82	Chinese primary	NA
adenocarcinoma	Female	1953/08/14	57	Chinese primary	T4aN2b
adenocarcinoma	Female	1963/01/07	57	Chinese primary	T3N1c
adenocarcinoma	Male	1954/01/25	66	Chinese primary	T3N1a
adenocarcinoma	Male	1956/02/02	64	Chinese primary	T3N0i+
adenocarcinoma	Male	1952/03/12	68	Chinese primary	T4N0
adenocarcinoma	Female	1964/09/21	56	Chinese primary	T4N0
adenocarcinoma	Female	1955/09/15	65	Chinese primary	T1N0
adenocarcinoma	Male	1963/05/03	57	Chinese primary	T1N0
adenocarcinoma	Male	1956/01/29	64	Chinese primary	T3N0
adenocarcinoma	Female	1971/02/11	49	Chinese primary	T3N1
adenocarcinoma	Male	1958/02/10	63	Chinese primary	T4bN0
adenocarcinoma	Female	1989/06/21	32	Chinese primary	T4aN2b
adenocarcinoma	Male	1937/07/13	85	Chinese primary	T3N0
adenocarcinoma	Male	1959/03/09	62	Chinese primary	T2N0
adenocarcinoma	Male	1948/01/05	74	Chinese primary	T3N2a
adenocarcinoma	Male	1969/08/10	52	Chinese primary	T3N0i+
adenocarcinoma	Female	1951/10/07	70	Chinese primary	T3N1a
adenocarcinoma	Male	1942/01/10	80	Chinese primary	T3N0
adenocarcinoma	Female	1984/08/13	37	Chinese primary	T4aN1bM
adenocarcinoma	Female	1965/03/17	56	Chinese primary	T2N0
Mucinous adenocarc	Male	1944/03/27	77	Chinese primary	T3N0
adenocarcinoma	Female	1969/04/06	53	Chinese primary	T3N1M0
adenocarcinoma	Female	1980/7/16	35	Chinese Metastas	T3N2b
adenocarcinoma	Male	1963/7/10	57	Chinese Metastas	N/A
Mucinous adenocarc	Female	1952/10/25	68	Chinese Metastas	N/A
adenocarcinoma	Female	1968/3/20	53	Chinese Metastas	T4aN2b
adenocarcinoma	Female	1975/11/9	44	Chinese Metastas	T3N1b
adenocarcinoma	Male	1969/11/7	51	Chinese Metastas	T4aN2b
adenocarcinoma	Female	1992/10/23	27	Chinese Metastas	T4aN0
Mucinous adenocarc	Female	1972/10/26	48	Chinese Metastas	T4bN0
adenocarcinoma	Male	1964/1/10	55	Chinese Metastas	T4aN1b
adenocarcinoma	Male	1984/5/10	37	Chinese primary	T4bN2bM1
Mucinous adenocarc	Female	1964/2/24	54	Chinese Metastas	T3N1b
adenocarcinoma	Male	1986/9/10	35	Chinese Metastas	T3N2a
adenocarcinoma	Female	1983/3/10	39	Chinese Metastas	T4aN0
Mucinous adenocarc	Female	1960/3/22	61	Chinese Metastas	T4aN2b
adenocarcinoma	Male	1966/4/1	55	Chinese Metastasis	
adenocarcinoma	Male	1997/12/13	25	Chinese Metastas	T4aN2M1c

adenocarcinoma	Male	1970/1/26	51	Chinese	Metastas T4bN2aM1c
adenocarcinoma	Male	1992/12/16	28	Chinese	Metastasis
adenocarcinoma	Female	1964/8/29	57	Chinese	Metastas T4aN2bM1

Tumor Stage (I/II/III)	Primary tumor location	Primary tumor location	Patient Current status (Live/ Dead)
NA	NA	NA	NA
III	Left colon	rectum colon	no
II	Left colon	descending colon	no
I	Left colon	sigmoid colon	Dead (2021-12-08)
IV	Left colon	Rectum	Dead (2019-7-12)
IV	Left colon	left half colon	Dead
III	Left colon	sigmoid colon	live
II	Right colon	ascending colon	no
NA	left colon	sigmoid colon	Dead (2020-01-02)
III	Left colon	sigmoid colon	live
II	Right colon	ascending colon	out of follow
I	Left colon	rectum colon	no
IV	left colon	sigmoid colon	live
III	Right colon	Hepatic Flexure of Co	no
II	Left colon;	sigmoid colon;	live
II	Left colon	sigmoid colon	live
I	Left colon	rectum colon	out of follow
III	Left colon	rectum colon	no
III	Left colon	sigmoid colon	NA
II	Right colon	ascending colon	live
III	Left colon	sigmoid colon	no
IV	Left colon	descending colon	Dead (2021-09-30)
III	Left colon	sigmoid colon	live
III	Left colon	rectum colon	out of follow
IV	Left colon	rectum colon	Dead (2019-01-05)
III	Left colon	rectum colon	live
III	Left colon	rectum colon	out of follow
III	Right colon	ascending colon	NA
II	Left colon	sigmoid colon	NA
III	Right colon	transverse colon	live

II	Left colon	rectum colon	NA
III	Left colon	rectum colon	live
I	Left colon	sigmoid colon	NA
III	Left colon	sigmoid colon	live
III	Left colon	rectum colon	Dead (2021-05-08)
IV	Right colon	transverse colon	no
III	Right colon	ascending colon	out of follow
III	Left colon	sigmoid colon	out of follow
I	Left colon	rectum colon	no
II	Left colon	rectum colon	live
III	Left colon	rectum colon	out of follow
II	Left colon	descending colon	out of follow
IV	Left colon	rectum colon	no
I	Left colon	sigmoid colon	live
III	Left colon	left half colon	live
II	Left colon	sigmoid colon	live
III	Left colon	sigmoid colon	live
III	Left colon	descending colon	live
II	Left colon	sigmoid colon	live
I	Right colon	transverse colon	live
II	Right colon	ascending colon	live
I	Left colon	rectum colon	live
III	Left colon	sigmoid colon	live
III	Left colon	sigmoid colon	live
II	Right colon	ascending colon	live
III	Right colon	ascending colon	live
III	Left colon	sigmoid colon	live
IV	Left colon	sigmoid colon	live
III	Right colon	ascending colon	live
III	Left colon	descending colon	live
III	Right colon	transverse colon	live
III	Right colon	ascending colon	live
NA	NA	NA	NA
III	Left colon	sigmoid colon	live
I	Left colon	rectum colon	live
III	Right colon	ascending colon	live
II	Left colon	descending colon	live
III	Left colon	rectum colon	LIVE
III	Left colon	sigmoid colon	live
II	Right colon	transverse colon	live

III	Left colon	sigmoid colon	live
I	Left colon	rectum colon	live
II	Left colon	descending colon	live
III	Right colon	transverse colon	live
II	Right colon	ascending colon	live
II	Right colon	ascending colon	live
III	Left colon	rectum colon	live
I	Left colon	rectum colon	live
I	Left colon	sigmoid colon	live
III	Left colon	rectum colon	live
NA	Right colon	ascending colon	live
III	Left colon	sigmoid colon	live
IV	Left colon	low position rectal col	live
I	Left colon	rectum colon	LIVE
II	Left colon	left half colon	live
II	Left colon	rectum colon	live
III	Left colon	sigmoid colon	live
III	Left colon	rectum colon	live
III	Left colon	sigmoid colon	live
II	Left colon	sigmoid colon	live
III	Left colon	rectum colon	live
III	Left colon	sigmoid colon	live
III	Left colon	sigmoid colon	Dead (2021-10-16)
II	Left colon	rectum colon	live
III	Left colon	rectum colon	Dead (2020-10-06)
IV	Right colon	ascending colon	Dead (2020-01-24)
II	Left colon	rectum colon	NA
II	Left colon	rectum colon	NA
II	Left colon	sigmoid colon	live
IV	Left colon	descending colon	live
III	Right colon	ascending colon	NA
I	Right colon	ascending colon	live
III	Right colon	right half colon	live
III	Right colon	right half colon	live
III	Left colon	sigmoid colon	live
III	Left colon	rectum colon	live
IV	Right colon	ascending colon	live
III	Left colon	sigmoid colon	live
NA	Right colon	transverse colon	live
III	Left colon	rectum colon	live

II	Right colon	ascending colon	live
NA	Right colon	ascending colon	live
IV	Right colon	colon	Dead (2021-06-22)
III	Left colon	rectum colon	live
III	Left colon	rectum colon	live
III	Right colon	ascending colon	live
II	Left colon	sigmoid colon	live
II	Right colon	ascending colon	live
I	Right colon	ascending colon	live
I	Left colon	rectum colon	live
II	Right colon	ascending colon	live
III	Left colon	sigmoid colon	live
III	Left colon	sigmoid colon	live
IV	Right colon	ascending colon	live
II	Left colon	rectum colon	live
I	Left colon	sigmoid colon	live
III	Left colon	rectum colon	live
III	Right colon	transverse colon	live
III	Left colon	sigmoid colon	live
II	Right colon	ascending colon	live
IV	Left colon	sigmoid colon	live
II	Left colon	sigmoid colon	live
III	Left colon	descending colon	live
III	Left colon	sigmoid colon	Live
Ⅳc	Left colon	rectum colon	Live
Ⅳc	Left colon	ileocecum colon	Live
Ⅳc	Right colon	appendix	Live
Ⅳc	Right colon	ascending colon	Live
Ⅳc	Right colon	ascending colon	Live
Ⅳc	Left colon	rectum colon	Dead
Ⅳc	Left colon	sigmoid colon	Dead
Ⅳc	Left colon	rectum colon	Live
Ⅳc	Left colon	descending colon	Live
Ⅳc	Left colon	sigmoid colon	Live
Ⅳc	Left colon	descending colon	Live
Ⅳc	Left colon	rectum colon	Live
Ⅳc	Left colon	sigmoid colon	Dead
Ⅳc	Left colon	rectum colon	Dead
Ⅳc		small intestine	Live
Ⅳc	Right colon	transverse colon	Dead

Ⅳc		ileocecum colon	Live
Ⅳc	Left colon	rectum colon	Live
Ⅳc		cecum	Dead

Metastasis (Yes / No)	Region
NA	Macau
yes	Chongqing
No	Chongqing
No	Macau
lymph node metastasis	Macau
lymph node metastasis	Macau
No	Macau
No	Macau
liver matastasis	Macau
lymph node metastasis	Macau
No	Macau
No	Macau
lymph node metastasis	Macau
No	Macau
No	Macau
No	Macau
No	Macau
No	Macau
lymph node metastasis	Macau
No	Macau
No	Macau
lymph node metastasis	Macau
lymph node metastasis	Macau
liver metastasis	Macau
No	Macau
lymph node metastasis	Macau
liver metastasis	Macau
No	Macau
lymph node metastasis	Macau
lymph node metastasis	Macau

No	Macau
lymph node metastasis	Macau
No	Macau
lymph node metastasis	Macau
lymph node metastasis	Macau
liver metastasis	Macau
lymph node metastasis	zhuhai
lymph node metastasis	Macau
No	Macau
lymph node metastasis	Macau
lymph node metastasis	Macau
No	Macau
liver metastasis	Macau
No	Macau
lymph node metastasis	Macau
No	Macau
lymph node metastasis	Macau
lymph node metastasis,	Macau
lymph node metastasis	Macau
No	Macau
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lymph node metastasis	Macau
lymph node metastasis	Macau
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lymph node metastasis	Macau
lymph node metastasis	Macau
lymph node metastasis	Macau
lymph node metastasis	Macau
lymph node metastasis	Macau
No	Macau
lymph node metastasis	Macau
NA	Macau
lymph node metastasis	Macau
No	Macau
liver metastasis，lymph node metastasis	Macau
No	Macau
lymph node metastasis	Macau
No	Macau
No	Macau

lymph node metastasis	Macau
No	Macau
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lymph node metastasis	Macau
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lymph node metastasis	Macau
No	Macau
lymph node metastasis	Macau
lymph node metastasis	Macau
No	Macau
No	Macau
lymph node metastasis	Macau
liver matastasis, lymph node metastasis	Macau
lymph node metastasis	Macau
No	Macau
lymph node metastasis	Macau
No	Macau
lymph node metastasis	Macau
No	Macau
lymph node metastasis	Macau
No	Macau
No	Macau
No	Macau

No	Macau
No	Macau
lymph node metastasis,bone metastasis	Macau
No	HongKong
lymph node metastasis	Macau
lymph node metastasis	Macau
No	Macau
No	Macau
No	Macau
No	Macau
No	Macau
lymph node metastasis	Macau
lymph node metastasis	Macau
lymph node metastasis	Macau
No	Macau
No	Macau
lymph node metastasis	Macau
lymph node metastasis	Macau
lymph node metastasis	Macau
No	Macau
lymph node metastasis，lung metastasis	Macau
No	Macau
lymph node metastasis	Macau
lymph node metastasis	Macau
liver，lung，peritoneum	Guangzhou
peritoneum	Guangzhou
peritoneum	Guangzhou
liver，peritoneum	Guangzhou
lung，peritoneum	Guangzhou
liver，lung，peritoneum	Guangzhou
peritoneum	Guangzhou
peritoneum	Guangzhou
lung，peritoneum	Guangzhou
peritoneum	Guangzhou
peritoneum	Guangzhou
lung，peritoneum	Guangzhou
lung，peritoneum	Guangzhou
lung，peritoneum	Guangzhou
liver，peritoneum	Guangzhou
peritoneum	Guangzhou

peritoneum	Guangzhou
live，lung，peritoneum	Guangzhou
live，lung，peritoneum	Guangzhou

Sample type（Fresh／Microdissected FFPE）	Sample collection(Biopsy/surgery)	Organoid-line	Organoid WES
Fresh	surgery	Yes	
Fresh	surgery	Yes	Yes
Fresh	surgery		Yes
Fresh	surgery	Yes	
Fresh	surgery	Yes	
Fresh	surgery		
Fresh	surgery	Yes	
Fresh	surgery	Yes	Yes
Fresh	surgery	Yes	Yes
Fresh	surgery	Yes	Yes
Fresh	surgery	Yes	Yes
Fresh	surgery	Yes	Yes
Fresh	surgery	Yes	
Fresh	surgery	Yes	Yes
Fresh	surgery	Yes	Yes
Fresh	surgery	Yes	
Fresh	surgery	Yes	Yes
Fresh	surgery	Yes	Yes
Fresh	surgery	Yes	
Fresh	surgery	Yes	
Fresh	surgery	Yes	Yes
Fresh	surgery	Yes	
Fresh	surgery	Yes	
Fresh	surgery	Yes	Yes
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Fresh	surgery	Yes	Yes
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Fresh	surgery	Yes	

Fresh	surgery	Yes	Yes
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Fresh	surgery	Yes	Yes
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Fresh	surgery	Yes	1
Fresh	surgery	Yes	1
Fresh	surgery		
Fresh	surgery	Yes	Yes
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Fresh	surgery	Yes	Yes
Fresh	surgery	Yes	Yes
Fresh	surgery	Yes	Yes

Fresh	surgery	Yes
Fresh	surgery	Yes
Fresh	surgery	Yes