

SUPPLEMENTARY TABLES

Single cell sequencing reveals trajectory of tumor-infiltrating lymphocyte states in pancreatic cancer

1. Supplementary Table S2.....	2
2. Supplementary Table S3.....	3

Supplementary Table S2. Patient clinical characteristics

Number:	Age:	Sex:	Diagnosis:	Location:	Max Diameter (mm):	TNM Classification:	Staging:	CA19-9 (U/mL):	Pre-treatment:
MDA1_T01	71	M	Poorly differentiated pancreatic ductal adenocarcinoma	Pancreas head	50	T3N1M0	IIB	723	N/A
MDA1_T02	68	M	Moderately differentiated ductal adenocarcinoma	Pancreas tail	38	T3N1M0	IIB	53	Pembrolizumab, Gemcitabine, Abraxane
MDA1_T03	70	M	Moderate to poorly differentiated ductal adenocarcinoma	Pancreas tail	28	T3N1M0	IIB	<1	Gemcitabine and Abraxane
MDA1_T04	67	M	Moderately differentiated ductal adenocarcinoma	Pancreas body/tail	80	T3N2M0	III	170	Gemcitabine
MDA1_T05 MDA1_U05	69	M	Moderate to poorly differentiated ductal adenocarcinoma	Pancreas body/tail	40	T2N1M0	IIB	202	FOLFIRINOX
MDA1_T06	76	F	Moderate to poorly differentiated ductal adenocarcinoma	Pancreas head	32	T2N0M0	IB	95	Gemcitabine, Abraxane, Capecitabine
MDA1_T07	73	M	Poorly differentiated pancreatic ductal adenocarcinoma	Pancreas head	21	T2N1M0	IIB	41	FOLFIRINOX
MDA2_T01	74	F	Moderately differentiated ductal adenocarcinoma	Pancreas head	3.4	T2N2M0	III	N/A	none
MDA2_T02 MDA2_U02	71	M	Poorly differentiated pancreatic ductal adenocarcinoma	Pancreas head	3	T2N1M0	IIB	N/A	none
MDA2_T03	64	F	Moderately differentiated ductal adenocarcinoma	Pancreas head	2.5	T2N2M0	III	N/A	none
MDA2_T04	67	F	Poorly differentiated pancreatic ductal adenocarcinoma	Pancreas head	34	T2N2M0	III	15.2	FOLFIRINOX, CXRT 50.4 in 28 with Capecitabine
MDA2_T05 MDA2_U05	56	M	Poorly differentiated pancreatic ductal adenocarcinoma	Pancreas Tail	48	T3N0M0	IIA	11.6	N/A
MDA2_T06	66	M	Poorly differentiated pancreatic ductal adenocarcinoma	Pancreas Tail	23	T2N0M0	IB	36.9	N/A
MDA2_T07	63	M	Moderately differentiated ductal adenocarcinoma	Pancreas Neck	48	T3N1M0	IIB	390	FOLFIRINOX, SBRT 50 gy in 5 dose
MDA2_T08 MDA2_U08	53	F	Moderately differentiated ductal adenocarcinoma	Pancreas head	45	T3N1M0	IIB	112.2	FOLFIRINOX, Gemcitabine and nab-paclitaxel , CXRT 50.4 in 28 with Capecitabine
MDA2_T09 MDA2_U09	69	F	Moderate to poorly differentiated ductal adenocarcinoma	Pancreas head	30	T3N1M0	IIB	14.4	N/A
MDA2_T10	64	M	Moderately differentiated ductal adenocarcinoma	Pancreas head	33	T2N1M0	IIB	3563	FOLFIRINOX, SBRT 36 gy in 5 dose
MDA2_T11 MDA2_U11	71	F	Moderate to poorly differentiated ductal adenocarcinoma	Pancreas head	35	T2N2M0	III	30.3	N/A
MDA2_U12	76	F	Moderate to poorly differentiated ductal adenocarcinoma	Pancreas head	25	T2N0M0	IB	57.4	N/A
MDA2_T13	57	F	Moderate to poorly differentiated ductal adenocarcinoma	Pancreas head	37	T2N1M0	IIB	39.7	Gemcitabine, nab-paclitaxel and pembro + Vit D
MDA2_T14	61	M	Moderate to poorly differentiated ductal adenocarcinoma arising in intraductal papillary mucinous neoplasm (IPMN)	Pancreas head	60	T3N1M0	IIB	7.9	FOLFIRINOX
MDA2_T15 MDA2_U15	76	F	Moderately differentiated duodenal adenocarcinoma	Duodenum	35	T4N0M0	IIB	33.9	N/A
MDA2_T16	63	F	Poorly differentiated pancreatic ductal adenocarcinoma	Pancreas Body	35	T2N1M0	IIB	110.7	Gemcitabine and nab-paclitaxel , CXRT 50.4 in 28 with Capecitabine and nab-paclitaxel
MDA2_T17 MDA2_U17	67	F	Poorly differentiated pancreatic ductal adenocarcinoma	Pancreas head	55	T3N1M0	IIB	390.8	FOLFIRINOX, CXRT 30 in 10 with Capecitabine
MDA2_T18A MDA2_T18B MDA2_U18	71	M	Poorly differentiated pancreatic ductal adenocarcinoma	Pancreas head	50	T3N1M0	IIB	723.4 (tot bil 4.7)	N/A
MDA2_T19	65	M	Poorly differentiated pancreatic ductal adenocarcinoma	Pancreas head	26	T2N1M0	IIB	631.9 (tot bil 2.0)	FOLFIRINOX
MDA2_T20	74	M	Moderately differentiated ductal adenocarcinoma	Pancreas Body	33	T3N1M0	IIB	993.5	N/A
MDA2_T21	68	M	Moderately differentiated ductal adenocarcinoma	Pancreas Tail	38	T3N1M0	IIB	55.4	Gemcitabine, nab-paclitaxel and pembro + Vit D
MDA2_T22	62	F	Moderately differentiated ductal adenocarcinoma	Pancreas Body	27	T4N0M0	III	39.6	FOLFIRINOX, CXRT 50.4 in 28 with Capecitabine
MDA2_T23	45	M	Moderately differentiated ductal adenocarcinoma	Pancreas head	40	T3N1M0	IIB	453.7 (tot bili 2.7)	FOLFIRINOX
MDA2_T24 MDA2_U24	76	F	Intraductal papillary mucinous neoplasm with low and focal high grade dysplasia	Pancreas head	45	TisN0M0	No carcinoma	8.6	N/A
MDA2_T25	69	F	Moderately differentiated ductal adenocarcinoma	Pancreas body/tail	80	T3N1M0	IIB	23	N/A
MDA2_T26	67	F	Moderately differentiated ductal adenocarcinoma	Pancreas head	14	T2N1M0	IIB	4.7	FOLFIRINOX, SBRT 36 gy in 5 dose

Supplementary Table S3. Sample sequencing read counts

	n_tcells	mean_reads_per_cell	median_genes_per_cell	median_UMI_per_tcell
MDA1_T01	428	269301	1380.5	3200
MDA1_T02	28	291884	1082	2325
MDA1_T03	111	1140302	1224	3056
MDA1_T04	716	62337	819	1815
MDA1_T05	655	50908	873	2171.5
MDA1_U05	508	18636	405	718
MDA1_T06	73	505070	1780	4946
MDA1_T07	626	210908	478	802
MDA1_T01 Grown	4886	33133	1535	3775
MDA1_T02 Grown	7728	30311	1477	3522.5
MDA1_T03 Grown	7030	27868	1777	4559
MDA1_T04 Grown	7339	28495	1560	4030
MDA1_T05 Grown	6878	27030	1736	4733
MDA1_T07 Grown	6204	27894	1931	5336
MDA2_T01	1110	17229	745	1854.5
MDA2_U02	112	26453	849.5	2231.5
MDA2_T02	531	24404	808	2087
MDA2_T03	2074	18782	736	1771.5
MDA2_T04	1414	26015	741.5	1553
MDA2_U05	87	19941	907	2562
MDA2_T05	246	19552	1002.5	2764.5
MDA2_T06	802	15824	807.5	2108.5
MDA2_T07	674	14881	902	2129
MDA2_U08	94	18541	878.5	2119.5
MDA2_T08	23	41398	1024	2675
MDA2_U09	204	52464	925.5	2239.5
MDA2_T09	44	64906	837	1946
MDA2_T10	1396	33858	872	2371
MDA2_U11	191	44904	761	1822
MDA2_T11	105	47863	889	2055
MDA2_U12	287	9806	689	1556
MDA2_T13	104	20010	1043	2678
MDA2_T14	132	12226	1062.5	2760.5
MDA2_U15	218	8693	807	2136.5
MDA2_T15	138	5926	753	1929.5
MDA2_T16	961	20075	813	1911
MDA2_U17	214	25643	1114.5	3487
MDA2_T17	104	61744	1148.5	3312.5
MDA2_U18	1185	21275	790	1985
MDA2_T18A	96	12234	766	1904.5
MDA2_T18B	52	11884	875.5	2074
MDA2_T19	1371	21258	906	2269
MDA2_T20	160	27255	792	1998.5
MDA2_T21	7	101098	1046	2679
MDA2_T22	1115	16401	777	1792
MDA2_T23	235	22789	748	1876
MDA2_U24	236	36296	1023	2682.5
MDA2_T24	108	124011	1096	3047
MDA2_T25	631	13051	842	2145
MDA2_T26	2558	13648	801	1859.5