

Subject ID	Age	Sex	ECOG PS	Stage	Prior Treatment	LDH Level	Baseline Tumor Size (cm)	Liver Metastases
01	89	M	0	4	none	Normal	15.5	absent
02	70	M	1	4	none	n/a	7.7	absent
03	65	M	0	4	none	Normal	18.1	absent
04	71	M	0	3C	none	Normal	11.4	absent
05	64	M	0	3C	none	Normal	3.7	absent
06	76	F	0	4	none	Normal	2.3	absent
07	75	F	1	3B	none	Normal	2.9	absent
08	42	F	0	3B	none	Normal	5.9	absent
09	67	M	0	4	none	Normal	2.8	absent
10	84	M	0	4	none	Normal	2.6	absent
11	72	M	0	4	none	n/a	3.2	absent
12	24	M	0	3C	none	Normal	1.6	absent
13	64	M	1	4	XRT (brain)	Normal	2.0	present
14	53	M	0	4	Targeted therapy	Elevated	10.2	absent
15	78	M	0	4	none	Elevated	8.6	present
16	82	M	0	3C	none	Normal	6.3	absent
17	76	M	0	4	none	Elevated	7.3	absent
18	84	F	1	4	none	Normal	5.0	absent
19	68	F	0	4	Ipilimumab	Normal	1.2	absent

**Supplementary Table S1. Baseline patient and disease characteristics.** ECOG PS = Eastern Cooperative Oncology Group Performance Status; LDH = lactate dehydrogenase; n/a = not available