

Supplemental Table 1

Patient Demographic, Disease and Prior Treatment Characteristics

	Cohort									
	Overall (N=46)		Cohort 1 (N=5)		Cohort 2 (MTD) (N=17)		Cohort 3 (N=12)		Cohort 4 (N=12)	
	N	%	N	%	N	%	N	%	N	%
Gender										
Female	18	39.1	1	20.0	4	23.5	6	50.0	7	58.3
Male	28	60.9	4	80.0	13	76.5	6	50.0	5	41.7
Melanoma stage										
Stage III Unresectable	5	10.9	-	-	4	23.5	-	-	1	8.3
Stage IV	41	89.2	5	100.0	13	76.5	12	100.0	11	91.7
Histology at Initial Diagnosis										
Cutaneous	31	67.4	4	80.0	8	47.1	7	58.3	12	100.0
Ocular	2	4.3	1	20.0	1	5.9	-	-	-	-
Mucosal	1	2.2	-	-	-	-	1	8.3	-	-
Not classified/Unknown primary/Missing	12	26.1	-	-	8	47.1	4	33.4	-	-
ECOG PS										
Fully active (PS=0)	41	89.1	5	100.0	17	100.0	11	91.7	8	66.7
Ambulatory, capable of light work (PS=1)	5	10.9	-	-	-	-	1	8.3	4	33.3
M-Stage										
M0	1	2.2	-	-	1	5.9	-	-	-	-
M1a	4	8.7	-	-	2	11.8	2	16.7	-	-
M1b	8	17.4	1	20.0	3	17.6	1	8.3	3	25.0
M1c	33	71.7	4	80.0	11	64.7	9	75.0	9	75.0
Elevated LDH (≥ 232 U/L)										
No	38	82.6	5	100.0	13	76.5	10	83.3	10	83.3
Yes	8	17.4	-	-	4	23.5	2	16.7	2	16.7
Prior cancer-directed surgery										
No	1	2.2	-	-	1	5.9	-	-	-	-
Yes	44	95.7	5	100.0	15	88.2	12	100.0	12	100.0
Missing	1	2.2	-	-	1	5.9	-	-	-	-
Prior radiation treatment										
No	24	52.2	3	60.0	8	47.1	7	58.3	6	50.0
Yes	21	45.7	2	40.0	8	47.1	5	41.7	6	50.0
Missing	1	2.2	-	-	1	5.9	-	-	-	-
Prior chemotherapy										
No	16	34.8	1	20.0	8	47.1	4	33.3	3	25.0
Yes	29	63.0	4	80.0	8	47.1	8	66.7	9	75.0
Missing	1	2.2	-	-	1	5.9	-	-	-	-
Current site(s) of disease:										
Liver										
No	23	50.0	3	60.0	9	52.9	6	50.0	5	41.7
Yes	23	50.0	2	40.0	8	47.1	6	50.0	7	58.3
Lung										
No	17	37.0	1	20.0	7	41.2	4	33.3	5	41.7
Yes	29	63.0	4	80.0	10	58.8	8	66.7	7	58.3

	Cohort									
	<i>Overall (N=46)</i>		Cohort 1 (N=5)		Cohort 2 (MTD) (N=17)		Cohort 3 (N=12)		Cohort 4 (N=12)	
	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
Lymph node										
No	8	17.4	1	20.0	5	29.4	2	16.7	-	-
Yes	38	82.6	4	80.0	12	70.6	10	83.3	12	100.0
Soft tissue										
No	18	39.1	2	40.0	5	29.4	4	33.3	7	58.3
Yes	28	60.9	3	60.0	12	70.6	8	66.7	5	41.7
Skin										
No	40	87.0	5	100.0	15	88.2	11	91.7	9	75.0
Yes	6	13.0	-	-	2	11.8	1	8.3	3	25.0
Other										
No	34	73.9	4	80.0	13	76.5	9	75.0	8	66.7
Yes†	12	26.1	1	20.0	4	23.5	3	25.0	4	33.3

†Site (number of patients): Bone (6); kidney (1); prostate (1); mediastinal nodes and pancreas (1); breast and subcutaneous tissue (1); perineum (2); thyroid, adrenals, and pelvis (1); perineum and subcutaneous nodules (1).