

Supplemental Table 1. Summary of surface expression profiles of antigen presenting cells

		mean	SD	minimum	maximum
HLA-DR	APC#1	57.4	24.1	10.0	93.1
	APC#2	64.9	26.2	9.2	98.2
	APC#3	59.0	22.4	16.8	91.0
	APC#4	65.0	26.3	6.5	98.2
CD86	APC#1	53.8	23.8	15.3	90.1
	APC#2	76.9	19.7	28.4	96.9
	APC#3	67.1	16.2	26.8	89.2
	APC#4	89.8	6.8	72.5	99.1
CD11c	APC#1	22.4	11.5	5.1	53.4
	APC#2	24.0	11.1	5.6	50.1
	APC#3	22.3	9.7	7.9	42.2
	APC#4	28.9	15.8	5.8	62.1
CD40	APC#1	20.4	16.7	1.6	54.7
	APC#2	20.3	19.0	0.7	75.1
	APC#3	20.0	17.4	1.0	58.8
	APC#4	16.2	18.2	0.1	68.7
CD1d	APC#1	35.0	13.8	9.3	65.4
	APC#2	33.7	12.2	8.1	61.5
	APC#3	35.9	13.3	12.7	58.7
	APC#4	36.4	14.8	7.7	73.7
CD14	APC#1	3.1	2.7	0.2	9.6
	APC#2	2.4	2.2	0.2	8.5
	APC#3	2.6	2.9	0.4	14.8
	APC#4	3.0	2.8	0.3	10.4

Supplemental Table 2. Grade 3 or 4 adverse events

Event	Grade	Total number (%)
Tumor pain	3	1 (2.9)
Serum amylase increased	3	3 (8.6)
Hypertension	3	1 (2.9)

Supplemental Table 3. All adverse events occurred during the treatment period

	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5
	Number (%)	Number (%)	Number (%)	Number (%)	Number (%)
Total (%)	25 (71.4)	4 (11.4)	5 (14.3)	0 (0.0)	0 (0.0)
Supra-ordinate Terms					
Short AE name					
Blood / Bone marrow	1 (2.9)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Hemoglobin	1 (2.9)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Cardiac general	0 (0.0)	0 (0.0)	1 (2.9)	0 (0.0)	0 (0.0)
Hypertension	0 (0.0)	0 (0.0)	1 (2.9)	0 (0.0)	0 (0.0)
Constitutional symptoms	10 (28.6)	1 (2.9)	0 (0.0)	0 (0.0)	0 (0.0)
Fatigue	6 (17.1)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Fever	2 (5.7)	1 (2.9)	0 (0.0)	0 (0.0)	0 (0.0)
Rigors	1 (2.9)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Mass	1 (2.9)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Dermatology / Skin	5 (14.3)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Night sweats	1 (2.9)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Papilloma	1 (2.9)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Patchy rash	1 (2.9)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Rush	1 (2.9)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Skin exfoliative	1 (2.9)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Gastrointestinal	2 (5.7)	1 (2.9)	0 (0.0)	0 (0.0)	0 (0.0)
Anorexia	1 (2.9)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Constipation	0 (0.0)	1 (2.9)	0 (0.0)	0 (0.0)	0 (0.0)
Diarrhea	1 (2.9)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Infection	1 (2.9)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Infection-Others (Influenza virus)	1 (2.9)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Laboratory	24 (68.6)	0 (0.0)	3 (8.6)	0 (0.0)	0 (0.0)
C-reactive protein increase	11 (31.4)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Creatinine increase	4 (11.4)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Glutamyl transpeptidase increase	4 (11.4)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)

Hyperbilirubinemia	1 (2.9)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Lactate dehydrogenase increase	14 (40.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Platelet increase	1 (2.9)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Serum alanine aminotransferase increase	1 (2.9)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Serum amylase increase	1 (2.9)	0 (0.0)	3 (8.6)	0 (0.0)	0 (0.0)
Serum aspartic acid aminotransferase decrease	1 (2.9)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Serum aspartic acid aminotransferase increase	2 (5.7)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Urea increase	5 (14.3)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Metabolic	17 (48.6)	2 (5.7)	0 (0.0)	0 (0.0)	0 (0.0)
Hyperchloremia	7 (20.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Hyperkalemia	4 (11.4)	2 (5.7)	0 (0.0)	0 (0.0)	0 (0.0)
Hypoalbuminemia	6 (17.1)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Hypocalcemia	1 (2.9)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Hypochloremia	1 (2.9)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Hyponatremia	2 (5.7)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Hypoproteinemia	6 (17.1)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Neurology	7 (20.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Dysesthesia	7 (20.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Pain	10 (28.6)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Pain-Back	2 (5.7)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Pain-Chest	1 (2.9)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Pain-Head/Headache	1 (2.9)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Pain-Joint	1 (2.9)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Pain-Muscle	1 (2.9)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Pain-Pharynx	6 (17.1)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Pain-NOS	2 (5.7)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Pulmonary / Upper respiratory	8 (22.9)	1 (2.9)	0 (0.0)	0 (0.0)	0 (0.0)
Cough	6 (17.1)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Dyspnea	0 (0.0)	1 (2.9)	0 (0.0)	0 (0.0)	0 (0.0)
Hemorrhage, pulmonary/upper	1 (2.9)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)

respiratory-Lung					
Sputum	1 (2.9)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
