

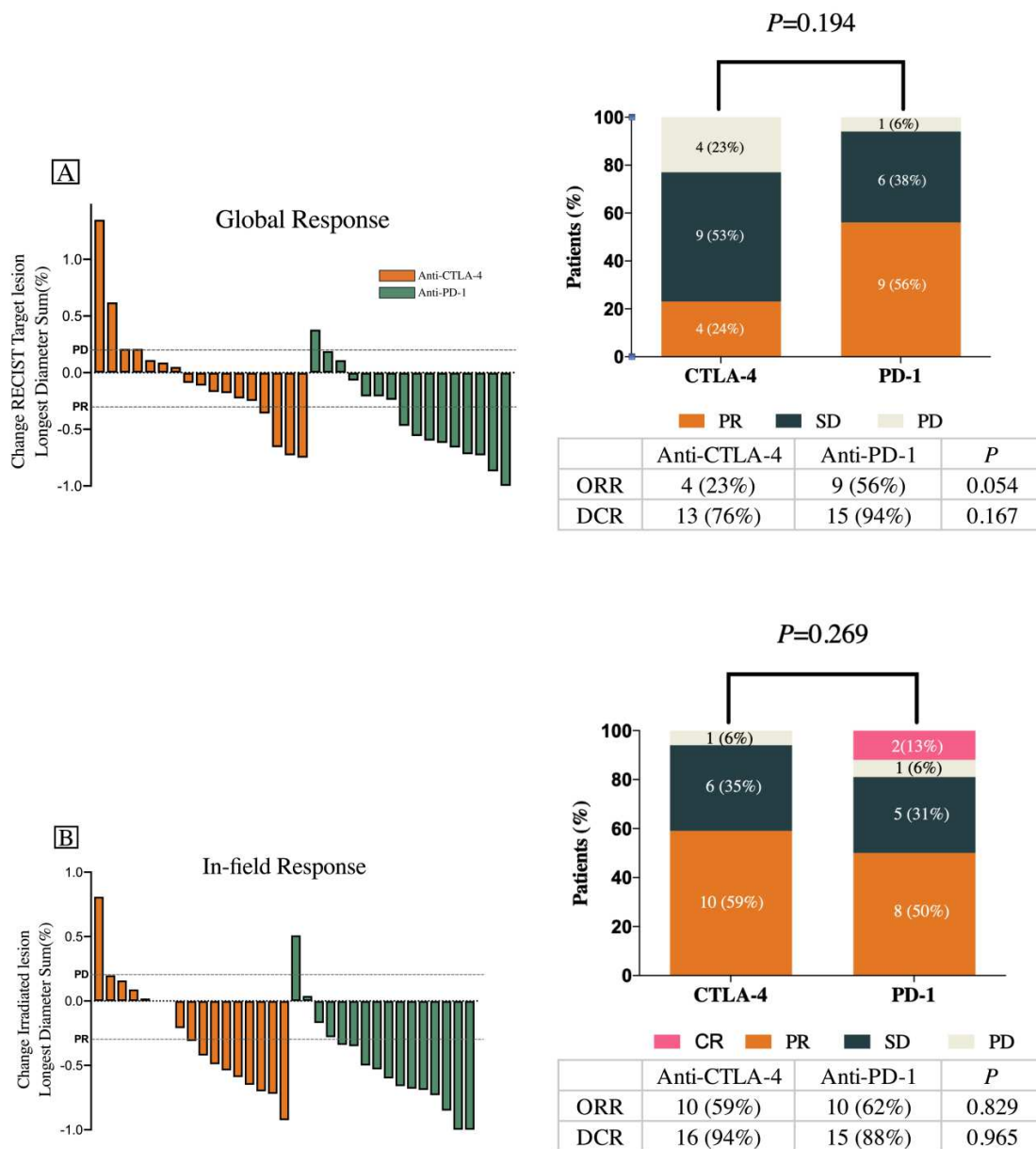
**Supplementary Table S1.** Details of toxic effects possibly, probably, or definitely related to protocol therapy in two trials of immunotherapy with radiation therapy

	Anti-CTLA4			Anti-PD1		
	Grade 1/2	Grade 3	Grade 4	Grade 1/2	Grade 3	Grade 4
<b>Pulmonary</b>						
Dyspnea	9	0	0	10	1	0
Pneumonitis	1	1	0	2	3	0
Cough	4	0	0	11	0	0
Atelectasis	0	0	0	0	1	0
Hemoptysis	0	0	0	1	0	0
Pleural effusion	0	1	0	1	1	0
Lung infection	1	2	0		1	0
<b>Gastrointestinal</b>						
Nausea	5	0	0	8	0	0
Anorexia	3	0	0	2	0	0
Diarrhea	4	2	0	3	0	0
Dysphagia	1	1	0	3	2	0
ALT increased	1	0	0		0	0
Colitis	1	2	0	1	0	0
Constipation	8	0	0		0	0
Vomit	2	0	0	2	0	0
Perforation	0	1	0		0	0
<b>Hematologic</b>						
Hyponatremia	1	0	0	3	0	0
Hyperkalemia	2	0	0	1	0	0
Hypokalemia	0	0	0	1	0	0
Neutropenia	0	0	0	0	1	0
Anemia	3	0	1	5	2	0
Leukocytosis	1	0	0	0	1	0
Sepsis	0	0	0	0	0	2
Thromboembolic event	0	1	0	0	0	0
Hypertension	1	0	0	2	1	0
Blood bilirubin increased	0	1	0	0	0	0
Platelet count decreased	0	0	0	0	1	0
<b>Skin</b>						
Rash	4	0	0	7	2	0
Erythema Multiform	1	0	0	1	0	0
Muscle disorder		1	0	0	0	0
Pruritus	5	0	0	0	0	0
Skin Ulceration	0	0	0	1	0	0
<b>Other</b>						
Fatigue	9	2	0	0	0	0
Myalgia	2	0	0	0	0	0

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Arthralgia	4	1	0	0	0	0
Fracture	0	0	0	1	0	0
Neuralgia	1	1	0	0	0	0
Pain	10	3	0	0	0	0
Fever	3	0	0	0	0	0
Myocardial infarction	0	1	0	0	0	0
Atrial fibrillation	0	1	0	0	0	0
Endocrine disorders	0	1	0	0	0	0
Cholecystitis	0	1	0	0	0	0
Blurred vision	0	1	0	0	0	0
Endocarditis infective	0	1	0	0	0	0
Dehydration	0	1	0	0	0	0
Muscle weakness	0	1	0	0	0	0
Weight Loss	2	1	0	2	1	0

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**Supplementary Figure S1.** Best overall response waterfall and distribution plots. Maximum percent change and response evaluation in (A) the aggregate diameter of Response Evaluation Criteria in Solid Tumors (RECIST) target metastases and (B) the irradiated lesions.