

Additional file 8. Immune-Related Adverse Events (N=249)

Event, n (%)	Any Grade	Grade ≥3
Any event	51 (20.5)	12 (4.8)
Immune-related rash	28 (11.2)	1 (0.4)
Rash	16 (6.4)	0
Pruritus	8 (3.2)	0
Rash maculopapular	8 (3.2)	1 (0.4)
Rash pruritic	4 (1.6)	0
Erythema	1 (0.4)	0
Erythema multiforme	1 (0.4)	0
Pruritus generalized	1 (0.4)	0
Rash erythematous	1 (0.4)	0
Immune-related thyroid disorders	13 (5.2)	0
Hypothyroidism	10 (4.0)	0
Hyperthyroidism	2 (0.8)	0
Blood hypothyroid-stimulating hormone increased	2 (0.8)	0
Immune-related pneumonitis	5 (3.2)	3 (1.2)
Immune-related hepatitis	4 (1.6)	3 (1.2)
AST level increased	2 (0.8)	1 (0.4)
Hepatitis	1 (0.4)	1 (0.4)
Autoimmune hepatitis	1 (0.4)	1 (0.4)
ALT level increased	1 (0.4)	0
Immune-related colitis	2 (0.8)	1 (0.4)
Diarrhea	2 (0.8)	1 (0.4)
Enterocolitis	1 (0.4)	0
Other immune-related adverse events		
Acute kidney injury	1 (0.4)	1 (0.4)
Adrenal insufficiency	1 (0.4)	1 (0.4)
Blood CPK increased	1 (0.4)	1 (0.4)
Guillain-Barré syndrome	1 (0.4)	1 (0.4)
Psoriasis	1 (0.4)	1 (0.4)
Rheumatoid arthritis	1 (0.4)	0
Uveitis	1 (0.4)	0

ALT, alanine aminotransferase; AST, aspartate aminotransferase; CPK, creatine phosphokinase.