

Additional file 6: Table S3. All adverse events (N=51).

Primary system organ class MedDRA preferred term	All causality		Treatment-related	
	Any grade, n (%)	Grade ≥3, n (%)	Any grade, n (%)	Grade ≥3, n (%)
Patients with ≥1 event	50 (98.0)	31 (60.8)	39 (76.5)	4 (7.8)
General disorders and administration site conditions				
Fatigue	11 (21.6)	1 (2.0)	9 (17.6)	0
Asthenia	8 (15.7)	3 (5.9)	2 (3.9)	0
Chills	8 (15.7)	0	6 (11.8)	0
Edema peripheral	7 (13.7)	1 (2.0)	2 (3.9)	0
Pyrexia	7 (13.7)	0	4 (7.8)	0
Disease progression	5 (9.8)	4 (7.8)	0	0
General physical health deterioration	2 (3.9)	1 (2.0)	0	0
Influenza-like illness	2 (3.9)	0	1 (2.0)	0
Malaise	2 (3.9)	0	0	0
Peripheral swelling	2 (3.9)	0	0	0
Catheter site hematoma	1 (2.0)	0	0	0
Catheter site pain	1 (2.0)	0	0	0
Catheter site swelling	1 (2.0)	0	0	0
Chest pain	1 (2.0)	0	0	0
Extravasation	1 (2.0)	0	0	0
Gait disturbance	1 (2.0)	0	0	0
Infusion site swelling	1 (2.0)	0	0	0
Localized edema	1 (2.0)	0	0	0
Noncardiac chest pain	1 (2.0)	0	0	0
Gastrointestinal disorders				
Diarrhea	13 (25.5)	0	5 (9.8)	0
Constipation	10 (19.6)	0	1 (2.0)	0
Nausea	9 (17.6)	2 (3.9)	2 (3.9)	1 (2.0)
Abdominal pain	6 (11.8)	1 (2.0)	2 (3.9)	0
Dry mouth	6 (11.8)	0	3 (5.9)	0
Vomiting	6 (11.8)	1 (2.0)	1 (2.0)	0
Ascites	3 (5.9)	1 (2.0)	0	0
Dysphagia	3 (5.9)	0	0	0
Dyspepsia	2 (3.9)	0	0	0
Gastrointestinal hemorrhage	2 (3.9)	2 (3.9)	0	0
Esophagitis	2 (3.9)	1 (2.0)	0	0
Abdominal pain lower	1 (2.0)	0	0	0
Abdominal pain upper	1 (2.0)	0	0	0
Anorectal discomfort	1 (2.0)	0	0	0
Flatulence	1 (2.0)	0	1 (2.0)	0
Gastroesophageal reflux disease	1 (2.0)	0	0	0
Glossodynia	1 (2.0)	0	0	0
Portal hypertensive gastropathy	1 (2.0)	0	0	0
Stomatitis	1 (2.0)	0	0	0
Varices esophageal	1 (2.0)	0	0	0

Musculoskeletal and connective tissue disorders				
Arthralgia	7 (13.7)	0	2 (3.9)	0
Back pain	6 (11.8)	1 (2.0)	1 (2.0)	0
Musculoskeletal pain	5 (9.8)	0	0	0
Musculoskeletal chest pain	4 (7.8)	0	1 (2.0)	0
Myalgia	4 (7.8)	0	2 (3.9)	0
Muscle spasms	3 (5.9)	0	0	0
Pain in extremity	3 (5.9)	0	0	0
Bone pain	2 (3.9)	0	1 (2.0)	0
Flank pain	2 (3.9)	0	0	0
Muscular weakness	2 (3.9)	1 (2.0)	0	0
Spinal pain	2 (3.9)	0	0	0
Joint range of motion decreased	1 (2.0)	0	0	0
Monoarthritis	1 (2.0)	0	0	0
Soft tissue necrosis	1 (2.0)	0	0	0
Respiratory, thoracic, and mediastinal disorders				
Cough	10 (9.6)	0	1 (2.0)	0
Dyspnea	6 (11.8)	3 (5.9)	0	0
Dyspnea exertional	4 (7.8)	0	1 (2.0)	0
Pleural effusion	3 (5.9)	1 (2.0)	0	0
Pneumonitis	2 (3.9)	0	2 (3.9)	0
Allergic sinusitis	1 (2.0)	0	0	0
Hiccups	1 (2.0)	0	0	0
Lung infiltration	1 (2.0)	0	1 (2.0)	0
Nasal congestion	1 (2.0)	0	0	0
Oropharyngeal pain	1 (2.0)	0	0	0
Pulmonary hemorrhage	1 (2.0)	1 (2.0)	0	0
Pulmonary hypertension	1 (2.0)	0	0	0
Rhinorrhea	1 (2.0)	0	0	0
Upper airway cough syndrome	1 (2.0)	0	0	0
Infections and infestations				
Urinary tract infection	6 (11.8)	0	0	0
Nasopharyngitis	3 (5.9)	0	0	0
Folliculitis	2 (3.9)	0	0	0
Oral candidiasis	2 (3.9)	0	0	0
Upper respiratory tract infection	2 (3.9)	0	0	0
Body tinea	1 (2.0)	0	0	0
Bronchitis	1 (2.0)	0	0	0
Cellulitis	1 (2.0)	1 (2.0)	0	0
Cystitis	1 (2.0)	0	0	0
Herpes virus infection	1 (2.0)	0	0	0
Herpes zoster	1 (2.0)	0	0	0
Labyrinthitis	1 (2.0)	0	0	0
Localized infection	1 (2.0)	0	0	0
Esophageal candidiasis	1 (2.0)	0	0	0
Osteomyelitis	1 (2.0)	0	0	0
Otitis media	1 (2.0)	0	0	0
Pneumonia	1 (2.0)	1 (2.0)	0	0
Rash pustular	1 (2.0)	0	1 (2.0)	0

Tinea versicolor	1 (2.0)	0	0	0
Trichomoniasis	1 (2.0)	0	0	0
Wound infection	1 (2.0)	0	0	0
Skin and subcutaneous disorders				
Pruritus	5 (9.8)	0	2 (3.9)	0
Erythema	3 (5.9)	0	2 (3.9)	0
Rash	3 (5.9)	0	2 (3.9)	0
Dry skin	2 (3.9)	0	1 (2.0)	0
Night sweats	2 (3.9)	0	0	0
Rash maculopapular	2 (3.9)	0	2 (3.9)	0
Rash pruritic	2 (3.9)	0	1 (2.0)	0
Actinic keratosis	1 (2.0)	0	0	0
Dermatitis contact	1 (2.0)	0	0	0
Hyperhidrosis	1 (2.0)	0	0	0
Photosensitivity reaction	1 (2.0)	0	1 (2.0)	0
Rash macular	1 (2.0)	0	0	0
Skin burning sensation	1 (2.0)	0	1 (2.0)	0
Skin hyperpigmentation	1 (2.0)	1 (2.0)	0	0
Skin lesion	1 (2.0)	0	0	0
Skin ulcer	1 (2.0)	1 (2.0)	0	0
Vitiligo	1 (2.0)	0	1 (2.0)	0
Investigations				
Weight decreased	9 (17.6)	0	1 (2.0)	0
Aspartate aminotransferase increased	3 (5.9)	0	3 (5.9)	0
Activated partial thromboplastin time prolonged	2 (3.9)	2 (3.9)	0	0
Alanine aminotransferase increased	2 (3.9)	0	2 (3.9)	0
Blood alkaline phosphatase increased	2 (3.9)	0	1 (2.0)	0
Blood lactate dehydrogenase increased	2 (3.9)	1 (2.0)	0	0
Gamma-glutamyltransferase increased	2 (3.9)	2 (3.9)	1 (2.0)	1 (2.0)
Ammonia increased	1 (2.0)	0	0	0
Blood bilirubin increased	1 (2.0)	0	1 (2.0)	0
Blood thyroid stimulating hormone increased	1 (2.0)	0	1 (2.0)	0
Body temperature increased	1 (2.0)	0	1 (2.0)	0
C-reactive protein increased	1 (2.0)	0	1 (2.0)	0
Electrocardiogram QT prolonged	1 (2.0)	1 (2.0)	0	0
International normalized ratio increased	1 (2.0)	0	0	0
Lipase increased	1 (2.0)	1 (2.0)	1 (2.0)	1 (2.0)
Vitamin B ₁₂ decreased	1 (2.0)	0	0	0
Injury, poisoning, and procedural complications				
Infusion-related reaction	13 (25.5)	0	13 (25.5)	0
Fall	2 (3.9)	0	0	0
Chest injury	1 (2.0)	0	0	0
Contusion	1 (2.0)	0	0	0
Joint dislocation	1 (2.0)	0	0	0
Joint injury	1 (2.0)	0	0	0
Radiation skin injury	1 (2.0)	0	0	0
Stoma site pain	1 (2.0)	0	0	0

Metabolism and nutrition disorders				
Decreased appetite	9 (17.6)	1 (2.0)	1 (2.0)	0
Hypokalemia	6 (11.8)	3 (5.9)	1 (2.0)	1 (2.0)
Hypophosphatemia	3 (5.9)	1 (2.0)	0	0
Dehydration	2 (3.9)	1 (2.0)	0	0
Hyperphosphatemia	2 (3.9)	0	1 (2.0)	0
Hyperuricemia	2 (3.9)	1 (2.0)	0	0
Hyponatremia	2 (3.9)	1 (2.0)	0	0
Gout	1 (2.0)	0	0	0
Hypercalcemia	1 (2.0)	0	0	0
Hyperglycemia	1 (2.0)	1 (2.0)	0	0
Hypertriglyceridemia	1 (2.0)	1 (2.0)	0	0
Hypoglycemia	1 (2.0)	1 (2.0)	0	0
Hypomagnesemia	1 (2.0)	0	0	0
Nervous system disorders				
Dysgeusia	6 (11.8)	0	4 (7.8)	0
Dizziness	4 (7.8)	0	1 (2.0)	0
Headache	4 (7.8)	0	2 (3.9)	0
Carpal tunnel syndrome	2 (3.9)	0	0	0
Dysarthria	2 (3.9)	0	0	0
Peripheral sensory neuropathy	2 (3.9)	0	0	0
Somnolence	2 (3.9)	0	0	0
Dyskinesia	1 (2.0)	0	0	0
Hypoesthesia	1 (2.0)	0	0	0
Paresthesia	1 (2.0)	0	0	0
Polyneuropathy	1 (2.0)	0	0	0
Restless legs syndrome	1 (2.0)	0	0	0
Seizure	1 (2.0)	0	0	0
Sensorimotor disorder	1 (2.0)	0	0	0
Syncope	1 (2.0)	1 (2.0)	0	0
Blood and lymphatic system disorders				
Anemia	7 (13.7)	2 (3.9)	1 (2.0)	0
Lymphopenia	3 (5.9)	1 (2.0)	2 (3.9)	0
Iron deficiency anemia	2 (3.9)	0	0	0
Increased tendency to bruise	1 (2.0)	0	0	0
Leukopenia	1 (2.0)	0	1 (2.0)	0
Psychiatric disorders				
Insomnia	4 (7.8)	0	1 (2.0)	0
Anxiety	2 (3.9)	0	0	0
Affective disorder	1 (2.0)	0	0	0
Agitation	1 (2.0)	0	0	0
Confusional state	1 (2.0)	0	0	0
Delirium	1 (2.0)	0	0	0
Depressed mood	1 (2.0)	0	0	0
Depression	1 (2.0)	0	1 (2.0)	0
Depressive symptom	1 (2.0)	0	0	0
Mental status changes	1 (2.0)	1 (2.0)	0	0
Restlessness	1 (2.0)	0	0	0

Renal and urinary disorders				
Hematuria	3 (5.9)	0	0	0
Acute kidney injury	2 (3.9)	1 (2.0)	0	0
Dysuria	2 (3.9)	0	0	0
Bladder dilatation	1 (2.0)	0	0	0
Bladder trabeculation	1 (2.0)	0	0	0
Pollakiuria	1 (2.0)	0	0	0
Proteinuria	1 (2.0)	0	0	0
Urinary retention	1 (2.0)	0	0	0
Urobilinuria	1 (2.0)	0	0	0
Cardiac disorders				
Atrial fibrillation	2 (3.9)	0	0	0
Acute coronary syndrome	1 (2.0)	1 (2.0)	0	0
Cardiac arrest	1 (2.0)	1 (2.0)	0	0
Conduction disorder	1 (2.0)	0	0	0
Myocardial infarction	1 (2.0)	1 (2.0)	0	0
Pericardial effusion	1 (2.0)	0	0	0
Tachycardia	1 (2.0)	0	1 (2.0)	0
Neoplasms benign, malignant, and unspecified (including cysts and polyps)				
Cancer pain	2 (3.9)	0	0	0
Metastasis	2 (3.9)	0	0	0
Seborrheic keratosis	2 (3.9)	0	0	0
Tumor hemorrhage	2 (3.0)	0	0	0
Metastases to muscle	1 (2.0)	0	0	0
Metastatic malignant melanoma	1 (2.0)	0	0	0
Tumor-associated fever	1 (2.0)	0	0	0
Tumor ulceration	1 (2.0)	0	0	0
Vascular disorders				
Hypertension	3 (5.9)	3 (5.9)	0	0
Hypotension	1 (2.0)	0	0	0
Hypovolemic shock	1 (2.0)	0	0	0
Peripheral coldness	1 (2.0)	0	0	0
Ear and labyrinth disorders				
Ear pain	1 (2.0)	0	0	0
Ear pruritus	1 (2.0)	0	0	0
Hypoacusis	1 (2.0)	0	0	0
Vertigo	1 (2.0)	0	0	0
Endocrine disorders				
Hypothyroidism	3 (5.9)	0	2 (3.9)	0
Hyperparathyroidism primary	1 (2.0)	0	1 (2.0)	0
Hyperthyroidism	1 (2.0)	0	1 (2.0)	0
Eye disorders				
Conjunctival hemorrhage	1 (2.0)	0	0	0
Glaucoma	1 (2.0)	0	0	0
Visual acuity reduced	1 (2.0)	0	0	0
Hepatobiliary disorders				
Hepatic pain	2 (3.9)	0	0	0
Cholecystitis	1 (2.0)	1 (2.0)	0	0
Hepatomegaly	1 (2.0)	1 (2.0)	0	0

Immune system disorders				
Drug hypersensitivity	1 (2.0)	0	1 (2.0)	0
Hypersensitivity	1 (2.0)	0	1 (2.0)	0
Sarcoidosis	1 (2.0)	0	1 (2.0)	0
Reproductive system and breast disorders				
Benign prostatic hyperplasia	1 (2.0)	0	0	0
Breast pain	1 (2.0)	0	1 (2.0)	0