

Supplementary Table 1

Drugname (11376)	prod_ai	ADEs number
Obinutuzumab.	Obinutuzumab	4499
Obinutuzumab	Obinutuzumab	3390
Gazyva	Obinutuzumab	2201
Gazyvaro	Obinutuzumab	1011
Ga101	Obinutuzumab	167
Obintuzumab	Obinutuzumab	11
Bendamustine; Obinutuzumab	Bendamustine; Obinutuzumab	8
Ro5072759	Obinutuzumab	7
Obinutuzumab (monoclonal antibodies) (unknown)	Obinutuzumab	6
Blinded Obinutuzumab	Obinutuzumab	6
Afutuzumab	Obinutuzumab	6
Obinutuzumab (liquid)	Obinutuzumab	5
Gazyva intravenous solution 1000 mg	Obinutuzumab	5
Obinutuzumab solution for infusion	Obinutuzumab	4
Ga101 (Obinutuzumab)	Obinutuzumab	4
Gazyvaro 1000 mg	Obinutuzumab	3
Ga-101	Obinutuzumab	3
Obinutuzumab (Obinutuzumab 25 mg/mL inj, vil, 40 mL)	Obinutuzumab	2
Obinutuzumab 1000 mg genentech	Obinutuzumab	2
Obinutuzumab (infusion)	Obinutuzumab	2
Obinutuzumab (Obinutuzumab)	Obinutuzumab (Obinutuzumab)	2
Chlorambucil w/Obinutuzumab	Chlorambucil w/ Obinutuzumab	2
Obinutuzumab 1000mg	Obinutuzumab	2
Gazyva chemotherapy	Gazyva chemotherapy	2
Obinutuzumab, 1000 mg	Obinutuzumab	2
Ga?101	Obinutuzumab	2

Gazyvaro 1000 mg, solution a diluer pour perfusion	Obinutuzumab	2
Gazyva (chlorambucil, Obinutuzumab)	Chlorambucil; Obinutuzumab	2
Obinutuzumab (genetical recombination)	Obinutuzumab	2
Obinutuzumab solution for injection	Obinutuzumab	1
Obinutuzumab monoclonal antibodies	Obinutuzumab	1
Chlorambucil; Obinutuzumab	Chlorambucil; Obinutuzumab	1
Gazyva Obinutuzumab	Gazyva Obinutuzumab	1
Gazyva-Obinutuzumab	Gazyva-Obinutuzumab	1
Gazyva immunotherapy	Gazyva immunotherapy	1
Obinatumumab	Obinutuzumab	1
Obinituzumab	Obinutuzumab	1
Obinotuzumab	Obinotuzumab	1
Obinultuzumab	Obinultuzumab	1
Obinutuzumab (inv)	Obinutuzumab	1
Obinutuzumab (Obinutuzumab 25 mg/mL inj, vil, 40 mL)	Obinutuzumab	1
Lenalidomide; Obinutuzumab	Lenalidomide; Obinutuzumab	1
G?benda [Obinutuzumab]	Obinutuzumab	1
Obinutuzumab	Obinutuzumab	1
Gazyva intravenous	Obinutuzumab	1

Supplementary Table 2

Soc	Pt
Infections and infestations	Post-acute COVID-19 syndrome
Infections and infestations	Cytomegalovirus chorioretinitis
Infections and infestations	Cytomegalovirus enterocolitis
Infections and infestations	COVID-19 pneumonia
Infections and infestations	Superinfection bacterial
Infections and infestations	Pneumonia cytomegaloviral
Infections and infestations	Cytomegalovirus infection
Infections and infestations	Progressive multifocal leukoencephalopathy
Infections and infestations	Coronavirus infection
Infections and infestations	Escherichia sepsis
Infections and infestations	Neutropenic sepsis
Infections and infestations	Cytomegalovirus viraemia
Infections and infestations	Hepatitis b reactivation
Infections and infestations	COVID-19
Infections and infestations	Neutropenic infection
Infections and infestations	Pneumonia haemophilus
Infections and infestations	Campylobacter infection

Infections and infestations	Hepatitis viral
Infections and infestations	Pneumococcal sepsis
Infections and infestations	Haemophilus infection
Infections and infestations	Campylobacter gastroenteritis
Infections and infestations	Febrile infection
Infections and infestations	Ophthalmic herpes zoster
Infections and infestations	Opportunistic infection
Infections and infestations	Pseudomonal sepsis
Infections and infestations	Pulmonary sepsis
Infections and infestations	Epididymitis
Infections and infestations	Bacterial sepsis
Infections and infestations	Pneumonia viral
Infections and infestations	Varicella zoster virus infection
Infections and infestations	Hepatitis e
Infections and infestations	Abdominal infection
Infections and infestations	Meningitis enteroviral
Infections and infestations	Enterocolitis infectious
Infections and infestations	Cytomegalovirus colitis
Infections and infestations	Cytomegalovirus infection reactivation
Infections and infestations	Pneumocystis jirovecii pneumonia
Infections and infestations	Bronchopulmonary aspergillosis
Infections and infestations	Aspergillus infection
Infections and infestations	Septic shock
Investigations	Cytomegalovirus test positive
Investigations	Procalcitonin increased

Investigations	Blood immunoglobulin g decreased
Investigations	Lymphocyte count decreased
Investigations	Lymphocyte count increased
Investigations	Neutrophil count decreased
Investigations	Neutrophil count abnormal
Investigations	Blood lactate dehydrogenase increased
Investigations	Oxygen saturation decreased
Investigations	Human rhinovirus test positive
Investigations	Lymphocyte count abnormal
Investigations	Granulocyte count decreased
Investigations	Blood phosphorus increased
Investigations	Transaminases increased
Investigations	White blood cell count abnormal
Investigations	Cd4 lymphocytes decreased
Investigations	Eastern cooperative oncology group performance
Investigations	Drug specific antibody present
Investigations	Platelet count decreased
Investigations	Blood uric acid increased
Investigations	Blood pressure decreased

Investigations	Body temperature increased
Investigations	Breath sounds abnormal
Neoplasms benign, malignant and unspecified (incl cysts and polyps)	Lymphoma transformation
Neoplasms benign, malignant and unspecified (incl cysts and polyps)	Follicular lymphoma
Neoplasms benign, malignant and unspecified (incl cysts and polyps)	Chronic lymphocytic leukaemia recurrent
Neoplasms benign, malignant and unspecified (incl cysts and polyps)	B-cell lymphoma recurrent
Neoplasms benign, malignant and unspecified (incl cysts and polyps)	Richter's syndrome
Neoplasms benign, malignant and unspecified (incl cysts and polyps)	Chronic lymphocytic leukaemia
Neoplasms benign, malignant and unspecified (incl cysts and polyps)	B-cell lymphoma
Neoplasms benign, malignant and unspecified (incl cysts and polyps)	Squamous cell carcinoma
Neoplasms benign, malignant and unspecified (incl cysts and polyps)	Diffuse large b-cell lymphoma
Neoplasms benign, malignant and unspecified (incl cysts and polyps)	Squamous cell carcinoma of skin
Neoplasms benign, malignant and unspecified (incl cysts and polyps)	Tumor flare
Neoplasms benign, malignant and unspecified (incl cysts and polyps)	Metastatic squamous cell carcinoma
Neoplasms benign, malignant and unspecified (incl cysts and polyps)	Mantle cell lymphoma
Neoplasms benign, malignant and unspecified (incl cysts and polyps)	Basal cell carcinoma
Neoplasms benign, malignant and unspecified (incl cysts and polyps)	Diffuse large b-cell lymphoma recurrent
Neoplasms benign, malignant and unspecified (incl cysts and polyps)	Transitional cell carcinoma
Neoplasms benign, malignant and unspecified (incl cysts and polyps)	Adenocarcinoma
Neoplasms benign, malignant and unspecified (incl cysts and polyps)	Hodgkin's disease
Neoplasms benign, malignant and unspecified (incl cysts and polyps)	Adenocarcinoma of colon

Neoplasms benign, malignant and unspecified (incl cysts and polyps)	Lung adenocarcinoma
Neoplasms benign, malignant and unspecified (incl cysts and polyps)	Lymphoma
Neoplasms benign, malignant and unspecified (incl cysts and polyps)	Myelodysplastic syndrome
Blood and lymphatic system disorders	Myelosuppression
Blood and lymphatic system disorders	Febrile neutropenia
Blood and lymphatic system disorders	Cytopenia
Blood and lymphatic system disorders	Aplasia pure red cell
Blood and lymphatic system disorders	Neutropenia
Blood and lymphatic system disorders	Agranulocytosis
Blood and lymphatic system disorders	Haematotoxicity
Blood and lymphatic system disorders	Febrile bone marrow aplasia
Blood and lymphatic system disorders	Lymphocytosis
Blood and lymphatic system disorders	Disseminated intravascular coagulation
Blood and lymphatic system disorders	Granulocytopenia
Blood and lymphatic system disorders	Thrombocytopenia
Blood and lymphatic system disorders	Haemolysis
Blood and lymphatic system disorders	Bone marrow failure
Blood and lymphatic system disorders	Splenomegaly

Blood and lymphatic system disorders	Pancytopenia
Blood and lymphatic system disorders	Immune thrombocytopenia
Blood and lymphatic system disorders	Leukopenia
Blood and lymphatic system disorders	Lymphopenia
Respiratory, thoracic and mediastinal disorders	Organising pneumonia
Respiratory, thoracic and mediastinal disorders	Tachypnoea
Respiratory, thoracic and mediastinal disorders	Bronchospasm
Respiratory, thoracic and mediastinal disorders	Obliterative bronchiolitis
Respiratory, thoracic and mediastinal disorders	Lung infiltration
Respiratory, thoracic and mediastinal disorders	Hypoxia
Respiratory, thoracic and mediastinal disorders	Pneumonitis
Respiratory, thoracic and mediastinal disorders	Interstitial lung disease
Respiratory, thoracic and mediastinal disorders	Acute pulmonary oedema
Respiratory, thoracic and mediastinal disorders	Respiratory distress
General disorders and administration site conditions	Vaccination failure
General disorders and administration site conditions	Temperature intolerance
General disorders and administration site conditions	Chills

General disorders and administration site conditions	Hyperpyrexia
General disorders and administration site conditions	Extravasation
General disorders and administration site conditions	Chest discomfort
General disorders and administration site conditions	Physical deconditioning
General disorders and administration site conditions	Non-cardiac chest pain
General disorders and administration site conditions	Sudden death
General disorders and administration site conditions	Pyrexia
Immune system disorders	Hypogammaglobulinaemia
Immune system disorders	Cytokine release syndrome
Immune system disorders	Anaphylactic shock
Immune system disorders	Secondary immunodeficiency
Immune system disorders	Anaphylactoid reaction
Immune system disorders	Serum sickness
Hepatobiliary disorders	Hepatosplenomegaly
Hepatobiliary disorders	Hepatitis toxic
Hepatobiliary disorders	Hypertransaminasaemia
Hepatobiliary disorders	Hepatocellular injury
Hepatobiliary disorders	Hepatic cytolysis
Hepatobiliary disorders	Hepatic function abnormal
Metabolism and nutrition disorders	Tumor lysis syndrome

Metabolism and nutrition disorders	Hyperphosphataemia
Metabolism and nutrition disorders	Hyperuricaemia
Vascular disorders	Hyperaemia
Vascular disorders	Flushing
Injury, poisoning and procedural complications	Infusion related reaction
Injury, poisoning and procedural complications	Incorrect drug administration rate
Skin and subcutaneous tissue disorders	Prurigo
Renal and urinary disorders	Cystitis haemorrhagic
Gastrointestinal disorders	Pneumoperitoneum
Cardiac disorders	Supraventricular tachycardia