Oncology **Immunology** **Neuroscience** **Hematology** **Ophthalmology** **Other Diseases**

Development Pipeline [Main table] (as of April 24, 2024)

Development code Origin	Generic name Product name	Indication # Additional indication (Combination drug)	Country/region	Projected submission	Mode of Action Modality (Dosage form)	Partner
Filed						
AF802/RG7853 in-house	alectinib Alecensa	Non-small cell lung cancer (NSCLC) (adjuvant) #	EU	November 2023	ALK inhibitor Small molecule (oral)	Roche
			China	November 2023		
			Japan	December 2023		
RG7446 Roche	atezolizumab Tecentriq	Alveolar soft part of sarcoma #	Japan	March 2024	Engineered anti-PD-L1 monoclonal antibody Antibody (IV)	–
RG7828 Roche	mosunetuzumab -	Follicular lymphoma (3rd Line)	Japan	March 2024	Anti-CD20/CD3 bispecific antibody Antibody (IV)	–
RG7916 PTC Therapeutics	risdiplam Evrysdi	Pre-symptomatic spinal muscular atrophy #	Japan	February 2024	SMN2 splicing modifier Small molecule (oral)	Roche
SKY59/RG6107 in-house	crovalimab -	Paroxysmal nocturnal hemoglobinuria (PNH)	EU	June 2023	Anti-C5 recycling antibody Antibody (SC)	Roche
			US	June 2023		
– Roche	mycophenolate mofetil CellCept	Systemic sclerosis with interstitial lung disease (SSc-ILD) #	Japan	February 2024	Immunosuppressant Small molecule (oral)	–
Phase III						
AF802/RG7853 in-house	alectinib Alecensa	Maintenance treatment of NSCLC (stage III) after chemoradiotherapy #	Global	-	ALK inhibitor Small molecule (oral)	Roche
RG7446 Roche	atezolizumab Tecentriq	NSCLC (periadjuvant) #	Japan	2026	Engineered anti-PD-L1 monoclonal antibody Antibody (IV)	Roche
		Muscle-invasive bladder cancer (adjuvant) #	Japan	2025		Roche
		Early breast cancer (periadjuvant) #	Japan	2026		Roche

Oncology **Immunology** **Neuroscience** **Hematology** **Ophthalmology** **Other Diseases**

Development code Origin	Generic name Product name	Indication # Additional indication (Combination drug)	Country/region	Projected submission	Mode of Action Modality (Dosage form)	Partner
		Hepatocellular carcinoma (HCC) (adjuvant) # (Avastin) #	Japan	2024		Roche
		HCC (intermediate stage) # (Avastin) #	Japan	2025		Roche
		HCC (2nd Line) # (lenvatinib or sorafenib)	Japan	-		Roche
		Prostate cancer (2nd Line) # (cabozantinib)	Japan	-		Takeda
RG435 Roche	bevacizumab Avastin	Small cell lung cancer (SCLC) (1st Line) # (Tecentriq)	Japan/ China	2024	Anti-VEGF (Vascular Endothelial Growth Factor) humanized monoclonal antibody Antibody (IV)	Roche (China)
RG6058 Roche	tiragolumab -	NSCLC (1st Line) (Tecentriq)	Japan	2025	Anti-TIGIT human monoclonal antibody Antibody (IV)	Roche
		NSCLC (stage III) (Tecentriq) #	Japan	2025		Roche
		Non-squamous NSCLC (1st Line) (Tecentriq)	Japan	2026		Roche
		Esophageal cancer (Tecentriq) #	Japan	2025		Roche
		HCC (1st line) (Tecentriq/Avastin)	Japan	2027 and beyond		Roche
RG6171 Roche	giredestrant -	Breast cancer (adjuvant)	Japan	2027 and beyond	SERD (Selective Estrogen Receptor Degrader) Small molecule (Oral)	Roche
		Breast cancer (1st Line) (palbociclib + letrozole)	Japan	2026		Roche
		Breast cancer (1st Line-3rd Line) (everolimus)	Japan	2025		Roche
RG7828 Roche	mosunetuzumab -	Follicular lymphoma (2nd Line) (lenalidomide)	Japan	2026	Anti-CD20/CD3 bispecific antibody Antibody (IV)	Roche

Oncology **Immunology** **Neuroscience** **Hematology** **Ophthalmology** **Other Diseases**

Development code Origin	Generic name Product name	Indication # Additional indication (Combination drug)	Country/region	Projected submission	Mode of Action Modality (Dosage form)	Partner
		Relapsed or refractory aggressive B-cell non-Hodgkin's lymphoma (Polivy) #	Japan	2025	Anti-CD20/CD3 bispecific antibody Antibody (SC)	Roche
RO6026 Roche	glofitamab	Previously untreated large B-cell lymphoma (Polivy)	Japan	2027 and beyond	Anti-CD20/CD3 bispecific antibody Antibody (IV)	Roche
RG6396 Blueprint Medicines	pralsetinib -	NSCLC (1st Line) (pembrolizumab)	Japan	-	RET inhibitor Small molecule (Oral)	Roche
RG7159 GlycArt Biotechnology	obinutuzumab Gazyva	Lupus nephritis #	Japan	2026	Glycoengineered type II anti-CD20 monoclonal Antibody Antibody (IV)	Nippon shinyaku
		Pediatric nephrotic syndrome #	Japan	2026		Nippon shinyaku
		Extra renal lupus #	Japan	2027 and beyond		Nippon shinyaku
SA237/RG6168 in-house	satralizumab Enspryng	Myelin oligodendrocyte glycoprotein antibody-associated disease (MOGAD) #	Global	2027 and beyond	pH-dependent binding humanized anti-IL-6 receptor monoclonal antibody Antibody (SC)	Roche
		Autoimmune encephalitis (AIE) #	Global	2025		Roche
RG6356/ SRP-9001 Sarepta	delandistrogene moxeparvovec -	Duchenne muscular dystrophy (DMD)	Japan	2024	Microdystrophin gene therapy Gene therapy (IV)	Sarepta*
SKY59/RG6107 in-house	crovalimab -	Atypical hemolytic uremic syndrome (aHUS) #	Global	2026	Anti-C5 recycling antibody Antibody (SC)	Roche
RG7716 Roche	faricimab Vabysmo	Angioid streaks #	Japan	2025	Anti-VEGF/Anti-Ang-2 bispecific antibody Antibody (vitreous injection)	-
RG6179 Roche	vamikibart -	Noninfectious uveitic macular edema	Japan	2026	Anti-IL-6 monoclonal antibody Antibody (vitreous injection)	Roche

Oncology **Immunology** **Neuroscience** **Hematology** **Ophthalmology** **Other Diseases**

Development code Origin	Generic name Product name	Indication # Additional indication (Combination drug)	Country/region	Projected submission	Mode of Action Modality (Dosage form)	Partner
SA237/RG6168 in-house	satralizumab Enspryng	Thyroid eye disease (TED) #	Global	2025	pH-dependent binding humanized anti-IL-6 receptor monoclonal antibody Antibody (SC)	Roche
Phase II/III						
GYM329/ RG6237 in-house	- -	Spinal muscular atrophy (Evrysdi)	Global	2027 and beyond	Anti-latent myostatin sweeping antibody Antibody (SC)	Roche
Phase II						
RG6396 Blueprint Medicines	pralsetinib -	NSCLC (2nd Line)	Japan	-	RET inhibitor Small molecule (Oral)	Roche
		Solid tumors	Japan	-		Roche
GYM329/ RG6237 in-house	- -	Facioscapulohumeral muscular dystrophy (FSHD)	Global	2027 and beyond	Anti-latent myostatin sweeping antibody Antibody (SC)	Roche
RG6042 Ionis Pharmaceuticals	tominersen -	Huntington's disease	Japan	-	Antisense oligonucleotide targeting *HTT* mRNA Nucleic acid (IV)	Roche
SKY59/RG6107 in-house	crovalimab -	Sickle cell disease (SCD)	US・EU	2027 and beyond	Anti-C5 recycling antibody Antibody (SC)	Roche
AMY109 in-house	- -	Endometriosis	Global	-	Anti-IL-8 recycling antibody Antibody (SC)	-
Phase I/II						
RG6102 MorphoSys	trontinemab —	Alzheimer's disease	Japan	-	Anti-amyloid beta/TfR1 fusion protein Antibody (IV)	Roche
NXT007/ RG6512 in-house	- -	Hemophilia A	Global	-	Anti-coagulation factor Ixa/X bispecific antibody Antibody (SC)	Roche

Oncology **Immunology** **Neuroscience** **Hematology** **Ophthalmology** **Other Diseases**

Development code Origin	Generic name Product name	Indication # Additional indication (Combination drug)	Country/region	Projected submission	Mode of Action Modality (Dosage form)	Partner
RG6321 Roche	ranibizumab (Port delivery system) -	Neovascular age-related macular degeneration	Japan	2026	Humanized anti-VEGF monoclonal antibody Fragment Fab Antibody (injection via implant)	-
		Diabetic macular edema	Japan	2026		-
Phase I						
LUNA18 in-house	- -	Solid tumors	Global	-	RAS inhibitor Mid-size molecule (Oral)	-
GC33 in-house	codrituzumab -	HCC	Global	-	Anti-Glypican-3 humanized monoclonal antibody Antibody (IV)	-
ERY974 in-house	- -	Solid tumors	Global	-	Anti-Glypican-3/CD3 bispecific antibody Antibody (IV)	-
STA551 in-house	- -	Solid tumors	Global	-	Anti-CD137 agonistic Switch antibody Antibody (IV)	-
SOF10/RG6440 in-house	- -	Solid tumors	Global	-	Anti-latent TGF-β1 monoclonal antibody Antibody (IV)	Roche
ALPS12/RG6524 in-house	- -	Solid tumors	Global	-	Anti-DLL3/CD3/CD137 trispecific antibody Antibody (IV)	Roche
SAIL66 in-house	- -	CLDN6 positive solid tumors	Global	-	Anti-CLDN6/CD3/CD137 trispecific antibody Antibody (IV)	-
ROSE12 in-house	- -	Solid tumors	Global	-	- Antibody (IV)	-
SPYK04 in-house	- -	Solid tumors	Global	-	- Small molecule (Oral)	-
RG7421 Exelixis	cobimetinib -	Solid tumors	Japan	-	MEK inhibitor Small molecule (Oral)	-

Oncology **Immunology** **Neuroscience** **Hematology** **Ophthalmology** **Other Diseases**

Development code Origin	Generic name Product name	Indication # Additional indication (Combination drug)	Country/region	Projected submission	Mode of Action Modality (Dosage form)	Partner
RG6026 Roche	glofitamab -	Hematologic tumors	Japan	-	Anti-CD20/CD3 bispecific antibody Antibody (IV)	-
RG6194 Roche	runimotamab -	Solid tumors	Japan	-	Anti-HER2/CD3 bispecific antibody Antibody (IV)	Roche
RG6160 Roche	cevostamab -	Relapsed or refractory multiple myeloma	Japan	-	Anti-FcRH5/CD3 bispecific antibody Antibody (IV)	-
RG6330 Roche	divarasib -	Solid tumors	Japan	-	KRAS G12C inhibitor Small molecule (Oral)	-
RG6433 Relay Therapeutics	migoprotafib -	Solid tumors	Japan	-	SHP2 inhibitor Small molecule (Oral)	-
RG6139 Roche	tobemstomig —	Solid tumors	Japan	—	Anti-PD-1/LAG-3 bispecific antibody Antibody (IV)	-
SKY59/RG6107 in-house	crovalimab -	Lupus nephritis	Global	-	Anti-C5 recycling antibody Antibody (SC)	Roche
DONQ52 in-house	- -	Celiac disease	Global	-	Anti-HLA-DQ2.5/gluten peptides multispecific antibody Antibody (SC)	-
RAY121 in-house	- -	Autoimmune disease	Global	-	- Antibody (-)	-
RG6299 Ionis Pharmaceuticals	— —	IgA nephropathy	Japan	—	antisense oligonucleotide targeting *complement factor B* mRNA Nucleic acid (IV)	-
RG7935 Prothena	prasinezumab -	Parkinson's disease	Japan	-	Anti-α-synuclein monoclonal antibody Antibody (IV)	-
REVN24 in-house	-	Acute diseases	Global	-	- Small molecule (IV)	-

Oncology **Immunology** **Neuroscience** **Hematology** **Ophthalmology** **Other Diseases**

Development code Origin	Generic name Product name	Indication # Additional indication (Combination drug)	Country/region	Projected submission	Mode of Action Modality (Dosage form)	Partner
Development discontinued						
SA237/RG6168 in-house	satralizumab Enspryng	Generalized myasthenia gravis (gMG) #	Global	-	pH-dependent binding humanized anti-IL-6 receptor monoclonal antibody Antibody (SC)	Roche

In principle, completion of first dose is regarded as pipeline entry into each phase of clinical studies. * Sarepta manages the global study including Japan

Changes from the last announcement on February 1, 2024

Oncology

- AF802/RG7853 Filed (Non-small cell lung cancer (adjuvant)) (US) → Approved
- RG7446 Filed (Alveolar soft part of sarcoma)
- RG7828 Phase I (Follicular lymphoma (3rd Line)) → Filed
- RG6026 Phase III (Previously untreated large B-cell lymphoma: development started)

Immunology

- SKY59/RG6107 Filed (Paroxysmal nocturnal hemoglobinuria) (China) → Approved
- SKY59/RG6107 Filed (Paroxysmal nocturnal hemoglobinuria) (Japan) → Approved
- CellCept Filed (Systemic sclerosis with interstitial lung disease)
- RG6299 Phase I (IgA nephropathy: development started)

Neuroscience

- RG7916 Filed (Pre-symptomatic spinal muscular atrophy)
- RG6356/SRP-9001 Phase III (Duchenne muscular dystrophy (Non-ambulatory): development started)
- SA237/RG6168 Phase III (Generalized myasthenia gravis: development discontinued)

Ophthalmology

- RG7716 Filed (Retinal vein occlusion) → Approved

R&D Activities

For the changes during the FY2024 (January 1 – March 31), please refer to page 4 of “CONSOLIDATED FINANCIAL STATEMENTS (IFRS) (Non-Audited) (for the first quarter of the fiscal year 2024).”

Changes from April 1, 2024 to April 24, 2024 are as follows:

Oncology

- We obtained approval for ALK inhibitor AF802/RG7853 (Product name: Alecensa) for an additional indication of the adjuvant treatment for early stage non-small cell lung cancer in April 2024.
- We started global phase III study SKYGLO for Anti-CD20/CD3 bispecific antibody RG6026 for the treatment of previously untreated large B-cell lymphoma in April 2024.

Development Pipeline [Attached table] (Major Chugai originated developments licensed out to 3rd parties excluding Roche)

Development code licensee/In-house	Generic name Product name	Indication # Additional Indication (combination)	Stage Country/region	Mode of Action Modality (Dosage form)	Licensee (Granted rights)
VS-6766/CKI27	avutometinib —	Recurrent LGSOC (defactinib)	Phase III Global	RAF/MEK inhibitor Small molecule (Oral)	Verastem Oncology (exclusive global license for the manufacturing, development and marketing)
		NSCLC (defactinib)	Phase I/II Global, US		
		mPDAC* (defactinib)	Phase I/II US		
- /CIM331	nemolizumab	Atopic dermatitis	Filed US/EU	Anti-IL-31 receptor A humanized monoclonal antibody Antibody (SC)	Galderma (exclusive global license for the development and marketing excluding Japan and Taiwan)
		Prurigo nodularis	Filed US/EU		
		Chronic kidney disease associated pruritus	Phase II/III Global		
LY3502970/OWL833	orforglipron —	Type 2 diabetes	Phase III Global	Oral non-peptidic GLP-1 receptor agonist Small molecule (Oral)	Eli Lilly and Company (worldwide development and commercialization rights)
		Obesity	Phase III Global		
AP306/EOS789*	—	Hyperphosphatemia	Phase II China	Oral inhibitor of phosphate transporters Small molecule (Oral)	Alebund (exclusive global license for the manufacturing, development and marketing)

*Newly added according to the progress of the project

Progress made in R&D activities of major Chugai originated developments licensed out to 3rd party excluding Roche during the period from January 1, 2024 to April 24, 2024 was as follows.

- In Japan, Maruho obtained regulatory approval for the anti-IL-31 receptor A humanized monoclonal antibody nemolizumab (Product name in Japan: Mitchga) for the treatment for the following diseases in patients only when existing treatment is insufficiently effective: pruritus associated with atopic dermatitis (children aged ≥6 and <13 years), prurigo nodularis (adults and children aged ≥13 years) in March 2024. The applications for approval of nemolizumab for the treatment of prurigo nodularis and atopic dermatitis were accepted in the US and Europe in February 2024.

Response to Requests from the MHLW Review Committee on Unapproved Drugs and Indications with High Medical Needs (As of Apri 24, 2024)

Development Request	Product	Indication	Development Status
Fourth development request	Xeloda*	Neuroendocrine tumor	Submitted company opinion and waiting for evaluation by committee
	Avastin	Cerebral edema induced by radiation necrosis	Submitted company opinion and waiting for evaluation by committee
	CellCept	Systemic sclerosis with interstitial lung disease (SSc-ILD)	Submitted public knowledge-based sNDA filing
	CellCept	Remission maintenance therapy following rituximab therapy for refractory nephrotic syndrome (frequently relapsing or steroid-dependent nephrotic syndrome)	Submitted company opinion and waiting for evaluation by committee

*Transferred the marketing authorization holder to CHEPLAPHARM K.K. as of February 1, 2024

Major Clinical Trials

Project	Expected Indication	Study design	Study name	Stage	CT information
Oncology					
RG7446 (Tecentriq)	NSCLC (periadjuvant)	Chemo ± Tecentriq	IMpower030	Phase III	NCT03456063
	SCLC [1st line]	Tecentriq + chemo ± Avastin	BEAT-SC	Phase III	JapicCTI-195034 (Japanese only)
	Muscle-invasive bladder cancer (adjuvant)	Tecentriq vs. placebo	IMvigor011	Phase III	NCT04660344
	Prostate cancer [2nd line]	Tecentriq + cabozantinib vs. novel hormonal therapy	CONTACT-02	Phase III	NCT04446117
	Early breast cancer (periadjuvant)	TNBC: nab-paclitaxel ± Tecentriq	IMpassion031	Phase III	NCT03197935
	HCC (adjuvant)	Tecentriq + Avastin vs. active surveillance	IMbrave050	Phase III	NCT04102098
	HCC (intermediate stage)	Tecentriq + Avastin + TACE vs. TACE	TALENTACE	Phase III	NCT04803994
	HCC [2nd line]	Tecentriq + lenvatinib or sorafenib vs. lenvatinib or sorafenib	IMbrave251	Phase III	NCT04770896
RG6058 (tiragolumab)	NSCLC [1st line]	PD-L1 positive: Tecentriq ± RG6058	SKYSCRAPER-01	Phase III	NCT04294810
	NSCLC [stage III]	Tecentriq + RG6058 vs. durvalumab	SKYSCRAPER-03	Phase III	NCT04513925
	Non-squamous NSCLC [1st line]	Tecentriq + RG6058 + Pemetrexed + Carboplatin/Cisplatin vs. Pembrolizumab + Pemetrexed + Carboplatin/Cisplatin	SKYSCRAPER-06	Phase III	NCT04619797
	Esophageal cancer	Tecentriq + RG6058 vs. Tecentriq vs. placebo	SKYSCRAPER-07	Phase III	NCT04543617

Project	Expected Indication	Study design	Study name	Stage	CT information
	HCC (1st line)	Tecentriq + Avastin ± RG6058	IMbrave152/SKYSCRAPER-14	Phase III	NCT05904886
AF802 (Alecensa)	Maintenance treatment of NSCLC (stage III) after chemoradiotherapy	*ALK* fusion-positive: Alecensa vs. durvalumab	HORIZON01	Phase III	NCT05170204
RG6171/SERD (giredestrant)	Breast cancer (adjuvant)	HR positive: RG6171 vs. endocrine therapy	lidERA	Phase III	NCT04961996
	Breast cancer [1st line]	HR positive: RG6171 + palbocicilib ± Letrozole	persevERA	Phase III	NCT04546009
	Breast cancer [1st line-3rd line]	HR positive: RG6171 + everolimus vs. endocrine therapy+ everolimus	evERA	Phase III	NCT05306340
RG7828 (mosunetuzumab)	Follicular lymphoma [2nd line]	RG7828 + lenalidomide vs Rituxan + lenalidomide	CELESTIMO	Phase III	NCT04712097
	Relapsed or refractory aggressive B-cell non-Hodgkin's lymphoma	RG7828 + Polivy vs Rituxan + chemotherapy	SUNMO	Phase III	NCT05171647
RG6026 (glofitamab)	Previously untreated large B-cell lymphoma	RG6026 + Polivy + Rituxan + chemotherapy vs Polivy + Rituxan + chemotherapy	SKYGLO	Phase III	NCT06047080
RG6396 (pralsetinib)	NSCLC [1st line]	RG6396 vs. platinum-based chemotherapy ± pembrolizumab	AcceleRET-Lung	Phase III	NCT04222972
	Solid tumors	RG6396 (single arm)	TAPISTRY	Phase II	NCT04589845
	NSCLC [2nd line]	RG6396 (single arm)	-	Phase II (domestic)	jRCT2021210074 (Japanese only)
Immunology					
RG7159 (Gazyva)	Lupus nephritis	standard treatment ± Gazyva	-	Phase III (domestic)	jRCT2011210059 (Japanese only)
	Pediatric nephrotic syndrome	Gazyva vs. MMF	INShore	Phase III	NCT05627557
	Extra renal lupus	Gazyva vs. Placebo	-	Phase III (domestic)	jRCT2071230031
Neuroscience					
SA237 (Enspryng)	Myelin oligodendrocyte glycoprotein antibody-associated disease (MOGAD)	Enspryng vs. Placebo	METEOROID	Phase III	NCT05271409
	Autoimmune encephalitis (AIE)	Enspryng vs. Placebo	CIELO	Phase III	NCT05503264
RG6356/SRP-9001 (delandistrogene moxeparvovec)	Duchenne muscular dystrophy (DMD) (ambulatory)	RG6356 vs. Placebo	EMBARK	Phase III	NCT05096221
	Duchenne muscular dystrophy (DMD) (non-ambulatory)	RG6356 vs. Placebo	ENVISION	Phase III	NCT05881408
GYM329/RG6237	Spinal muscular atrophy (SMA)	GYM329 ± Evrysdi	MANATEE	Phase II/III	NCT05115110

Project	Expected Indication	Study design	Study name	Stage	CT information
	Facioscapulohumeral muscular dystrophy (FSHD)	GYM329 ± Placebo	MANOEUVRE	Phase II	NCT05548556
Hematology					
SKY59/RG6107 (crovalimab)	Atypical hemolytic uremic syndrome (aHUS)	crovalimab (single arm)	COMMUTE-a	Phase III	NCT04861259
			COMMUTE-p	Phase III	NCT04958265
	Sickle cell disease (SCD)	crovalimab vs. Placebo	CROSSWALK-c	Phase IIa	NCT05075824
Ophthalmology					
RG7716 (Vabysmo)	Angioid streaks	Vabysmo (single arm)	NIHONBASHI	Phase III (domestic)	jRCT2071220090 (Japanese only)
RG6179	Noninfectious uveitic macular edema	RG6179 (single arm)	Sandcat	Phase III	NCT05642325
SA237 (Enspryng)	Thyroid eye disease (TED)	Enspryng vs. Placebo	SatraGo 1/ Satra Go 2	Phase III	NCT05987423
RG6321 (ranibizumab (Port delivery system))	Neovascular age-related macular degeneration / Diabetic macular edema	RG6321 (single arm)	-	Phase I/II (domestic)	jRCT2071210073 (Japanese only)

FoundationOne CDx Cancer Genomic Profile: companion diagnostic indications (as of April 24, 2024)

Alterations	Cancer type	Relevant drugs
Activating *EGFR* alterations	NSCLC	afatinib maleate, erlotinib hydrochloride, gefitinib, osimertinib mesilate, dacomitinib hydrate
EGFR exon 20 T790M alteration		osimertinib mesilate
ALK fusion genes		alectinib hydrochloride, crizotinib, ceritinib, brigatinib
ROS1 fusion genes		entrectinib
MET exon 14 skipping alterations		capmatinib hydrochloride hydrate
BRAF V600E and V600K alterations	Malignant melanoma	dabrafenib mesilate, trametinib dimethyl sulfoxide, vemurafenib, encorafenib, binimetinib
ERBB2 copy number alterations (HER2 gene amplification positive)	Breast cancer	trastuzumab (genetical recombination)
AKT1 alterations		capivasertib
PIK3CA alterations		
PTEN alterations		

KRAS/NRAS wildtype	Colorectal cancer	cetuximab (genetical recombination), panitumumab (genetical recombination)
Microsatellite instability-high		nivolumab (genetical recombination)
Microsatellite instability-high	Solid tumors	pembrolizumab (genetical recombination)
Tumor mutational burden-high		pembrolizumab (genetical recombination)
NTRK1/2/3 fusion genes		entrectinib, larotrectinib sulfate
RET fusion genes		selpercatinib
BRCA1/2 alterations	Ovarian cancer	olaparib
BRCA1/2 alterations	Prostate cancer	olaparib, talazoparib tosilate
FGFR2 fusion genes	Biliary tract cancer	pemigatinib

FoundationOne Liquid CDx Cancer Genomic Profile: companion diagnostic indications (as of April 24, 2024)

Alterations	Cancer type	Relevant drugs
Activating *EGFR* alterations	NSCLC	afatinib maleate, erlotinib hydrochloride, gefitinib, osimertinib mesilate
EGFR exon 20 T790M alteration		osimertinib mesilate
ALK fusion genes		alectinib hydrochloride, crizotinib, ceritinib
ROS1 fusion genes		entrectinib
MET exon 14 skipping alterations		capmatinib hydrochloride hydrate
NTRK1/2/3 fusion genes	Solid tumors	entrectinib
BRCA1/2 alterations	Prostate cancer	olaparib