

Trial	Drug (if applicable)	Patent No.	Filed Date	Petitioner(s)	Patent Owner(s)	Inst. Dec.	Outcome	Details of FWD
<Information obtained primarily from Lex Machina™ and public sources on the Internet. If any errors are identified, please contact Lisa Mandrusiak at Oblon.>								
IPR2018-00002	Humira®	9,512,216	2-Oct-17	Sandoz, Inc.	AbbVie Biotechnology Ltd.	Denied	N/A	N/A
IPR2018-00016	Herceptin®	7,846,441	3-Oct-17	Pfizer, Inc.	Genentech, Inc.	Denied	N/A	N/A
IPR2018-00019		6,221,581	4-Oct-17	Hologic, Inc.; Gen-Probe Incorporated	Enzo Life Sciences Inc.	Denied	N/A	N/A
IPR2018-00079	Myrbetriq®	6,346,532	16-Oct-17	Sawai USA, Inc.; Sawai Pharmaceutical Co., Ltd.	Astellas Pharma US, Inc.	Denied	N/A	N/A
IPR2018-00080	Uceris®	9,320,716	20-Oct-17	APS GP LLC; Argentum Pharmaceuticals LLC; APS GP Investors LLC; et al.	Cosmo Technologies Ltd.	N/A	Settled pre-institution	N/A
IPR2018-00086	Rituxan™	8,545,843	2-Nov-17	Pfizer, Inc.	Biogen, Inc.	Denied	Pending	N/A
IPR2018-00103	Sovaldi®; Harvoni®; Epclusa®; Vosevi™	7,429,572	25-Oct-17	Laura and John Arnold Foundation; Initiative for Medicines, Access & Knowledge (I-MAK), Inc.	Gilead Pharmasset LLC	Denied	N/A	N/A
IPR2018-00112		9,623,414	23-Oct-17	Thermo Fisher Scientific, Inc.	Bio-Rad Laboratories, Inc.	N/A	Settled pre-institution	N/A
IPR2018-00113		9,623,414	23-Oct-17	Thermo Fisher Scientific, Inc.	Bio-Rad Laboratories, Inc.	N/A	Pending	N/A
IPR2018-00115		9,592,308	17-Nov-17	Eli Lilly & Co.; Avid Radiopharmaceuticals, Inc.	Piramal Imaging SA	Instituted	Settled post-institution	N/A
IPR2018-00119	Sovaldi®; Harvoni®; Epclusa®; Vosevi™	7,964,580	25-Oct-17	Laura and John Arnold Foundation; Initiative for Medicines, Access & Knowledge (I-MAK), Inc.	Gilead Pharmasset LLC	Denied	N/A	N/A
IPR2018-00120	Sovaldi®; Harvoni®; Epclusa®; Vosevi™	7,964,580	25-Oct-17	Laura and John Arnold Foundation; Initiative for Medicines, Access & Knowledge (I-MAK), Inc.	Gilead Pharmasset LLC	Denied	N/A	N/A
IPR2018-00121	Sovaldi®; Harvoni®; Epclusa®; Vosevi™	8,334,270	26-Oct-17	Laura and John Arnold Foundation; Initiative for Medicines, Access & Knowledge (I-MAK), Inc.	Gilead Pharmasset LLC	Denied	N/A	N/A
IPR2018-00122	Sovaldi®; Harvoni®; Epclusa®; Vosevi™	8,334,270	26-Oct-17	Laura and John Arnold Foundation; Initiative for Medicines, Access & Knowledge (I-MAK), Inc.	Gilead Pharmasset LLC	Denied	N/A	N/A
IPR2018-00123	Harvoni®; Epclusa®; Vosevi™	8,735,372	9-Nov-17	Laura and John Arnold Foundation; Initiative for Medicines, Access & Knowledge (I-MAK), Inc.	Gilead Pharmasset LLC	Denied	N/A	N/A

IPR2018-00125	Sovaldi®; Harvoni®; Epclusa®; Vosevi™	8,633,309	30-Oct-17	Laura and John Arnold Foundation; Initiative for Medicines, Access & Knowledge (I-MAK), Inc.	Gilead Pharmasset LLC	Denied	N/A	N/A
IPR2018-00126	Sovaldi®; Harvoni®; Epclusa®; Vosevi™	9,284,342	2-Nov-17	Laura and John Arnold Foundation; Initiative for Medicines, Access & Knowledge (I-MAK), Inc.	Gilead Pharmasset LLC	Denied	N/A	N/A
IPR2018-00151	Abraxane®	8,138,229	9-Nov-17	Apotex Pharmaceuticals Holdings Inc.; Panacea Biotec Ltd.; Apotex Inc.; et al.	Abraxis Bioscience LC	Denied	N/A	N/A
IPR2018-00152	Abraxane®	7,820,788	9-Nov-17	Apotex Pharmaceuticals Holdings Inc.; Panacea Biotec Ltd.; Apotex Inc.; et al.	Abraxis Bioscience LC	Denied	N/A	N/A
IPR2018-00153	Abraxane®	7,923,536	9-Nov-17	Apotex Pharmaceuticals Holdings Inc.; Panacea Biotec Ltd.; Apotex Inc.; et al.	Abraxis Bioscience LC	Denied	N/A	N/A
IPR2018-00156	Humira®	9,187,559	6-Nov-17	Sandoz, Inc.	AbbVie Biotechnology Ltd.	Denied	N/A	N/A
IPR2018-00162	Abraxane®	7,820,788	9-Nov-17	InvaGen Pharmaceuticals, Inc.; Cipla Ltd.; Cipla (EU) Limited; Cipla USA, Inc.	Abraxis Bioscience LC	Denied	N/A	N/A
IPR2018-00163	Abraxane®	7,923,536	9-Nov-17	InvaGen Pharmaceuticals, Inc.; Cipla Ltd.; Cipla (EU) Limited; Cipla USA, Inc.	Abraxis Bioscience LC	Denied	N/A	N/A
IPR2018-00164	Abraxane®	8,138,229	9-Nov-17	InvaGen Pharmaceuticals, Inc.; Cipla Ltd.; Cipla (EU) Limited; Cipla USA, Inc.	Abraxis Bioscience LC	Denied	N/A	N/A
IPR2018-00168	Kerydin™	9,549,938	21-Nov-17	Wicker Pharmaceuticals LLC; Rajneesh Ahuja; FlatWing Pharmaceuticals, LLC	Anacor Pharmaceuticals, Inc.	Instituted	Pending	N/A
IPR2018-00169	Kerydin™	9,566,289	21-Nov-17	Wicker Pharmaceuticals LLC; Rajneesh Ahuja; FlatWing Pharmaceuticals, LLC	Anacor Pharmaceuticals, Inc.	Instituted	Pending	N/A
IPR2018-00170	Kerydin™	9,566,290	21-Nov-17	Wicker Pharmaceuticals LLC; Rajneesh Ahuja; FlatWing Pharmaceuticals, LLC	Anacor Pharmaceuticals, Inc.	Instituted	Pending	N/A
IPR2018-00171	Kerydin™	9,572,823	21-Nov-17	Wicker Pharmaceuticals LLC; Rajneesh Ahuja; FlatWing Pharmaceuticals, LLC	Anacor Pharmaceuticals, Inc.	Instituted	Pending	N/A
IPR2018-00173	Minivelle™	9,724,310	4-Dec-17	Mylan N.V.; Mylan, Inc.; Mylan Pharmaceuticals, Inc.;	Noven Pharmaceuticals, Inc.	Denied	N/A	N/A

IPR2018-00174	Minivelle™	9,730,900	4-Dec-17	Mylan N.V.; Mylan, Inc.; Mylan Pharmaceuticals, Inc.; Mylan Technologies, Inc.	Noven Pharmaceuticals, Inc.	Denied	N/A	N/A
IPR2018-00182		9,382,220	18-Dec-17	Provepharm Life Solutions; Provepharm SAS; Provepharm Inc.	Wista Laboratories Ltd.	Instituted	Pending	N/A
IPR2018-00186	Rituxan™	9,296,821	1-Dec-17	Pfizer, Inc.	Biogen, Inc.	Instituted	Settled post-institution	N/A
IPR2018-00187		9,492,559	20-Nov-17	Sanofi S.A.; SK Chemicals Co., Ltd.; Sanofi Pasteur, Inc.	Pfizer, Inc.	Instituted	Pending	N/A
IPR2018-00188		9,492,559	20-Nov-17	Sanofi S.A.; SK Chemicals Co., Ltd.; Sanofi Pasteur, Inc.	Pfizer, Inc.	Denied	N/A	N/A
IPR2018-00192		7,846,441	30-Nov-17	Samsung Bioepis Co., Ltd.	Genentech, Inc.	Denied	N/A	N/A
IPR2018-00211		9,393,256	6-Dec-17	Laura and John Arnold Foundation; Initiative for Medicines, Access & Knowledge (I-MAK), Inc.	Gilead Pharmasset LLC	Denied	N/A	N/A
IPR2018-00231	Rituxan™	9,504,744	1-Dec-17	Pfizer, Inc.	Biogen, Inc.	N/A	Procedurally Dismissed	N/A
IPR2018-00249		6,372,422	4-Dec-17	Trans Ova Genetics, LC; Intrexon Corporation	XY, LLC	Denied	N/A	N/A
IPR2018-00250		8,652,769	1-Dec-17	Trans Ova Genetics, LC; Intrexon Corporation	XY, LLC	Instituted	Pending	N/A
IPR2018-00272	Vimovo®	9,393,208	4-Dec-17	Mylan N.V.; Mylan, Inc.; Mylan Pharmaceuticals, Inc.; Mylan Technologies, Inc.	Horizon Pharma, Inc.; Pozen Inc.	Instituted	Pending	N/A
IPR2018-00285	Rituxan™	8,329,172	14-Dec-17	Pfizer, Inc.	Biogen, Inc.	Instituted	Pending	N/A
IPR2018-00290	Mydayis®	8,846,100	11-Dec-17	KVK-Tech, Inc.; Abhai, LLC	Shire PLC	Instituted	Pending	N/A
IPR2018-00291		9,718,852	8-Dec-17	llumina, Inc.	The Trustees of Columbia University in the City of New York	Instituted	Pending	N/A
IPR2018-00293	Mydayis®	9,173,857	11-Dec-17	KVK-Tech, Inc.; Abhai, LLC	Shire PLC	Instituted	Pending	N/A
IPR2018-00295		9,320,765	15-Dec-17	Bioriginal Food & Science Corp.; Rimfrost New Zealand Ltd.; Emerald Fisheries AS; Rimfrost USA, LLC; et al.	Aker BioMarine Antarctic AS	Instituted	Pending	N/A
IPR2018-00318		9,719,139	15-Dec-17	llumina, Inc.	The Trustees of Columbia University in the City of New York	Instituted	Pending	N/A
IPR2018-00322		9,708,358	18-Dec-17	llumina, Inc.	The Trustees of Columbia University in the City of New York	Instituted	Pending	N/A

IPR2018-00323		9,675,621	19-Dec-17	Provepharm Life Solutions; Provepharm SAS; Provepharm Inc.	Wista Laboratories Ltd.	Instituted	Pending	N/A
IPR2018-00330	Herceptin®	6,339,142	18-Dec-17	Pfizer, Inc.	Genentech, Inc.	Denied	N/A	N/A
IPR2018-00331	Herceptin®	9,249,218	18-Dec-17	Pfizer, Inc.	Genentech, Inc.	Denied	N/A	N/A
IPR2018-00373	Avastin®	9,795,672	5-Jan-18	Pfizer, Inc.	Genentech, Inc.	Denied	N/A	N/A
IPR2018-00385		9,725,480	22-Dec-17	llumina, Inc.	The Trustees of Columbia University in the City of New York	Instituted	Pending	N/A
IPR2018-00390	Sovaldi®; Harvoni®; Eplclusa®; Vosevi™	8,889,159	26-Dec-17	Laura and John Arnold Foundation; Initiative for Medicines, Access & Knowledge (I-MAK), Inc.	Gilead Pharmasset LLC	Denied	N/A	N/A
IPR2018-00393		9,636,402	22-Dec-17	Organon USA, Inc.; Merck Sharp & Dohme; Merck Sharp & Dohme Corp.	Microspherix LLC	Instituted	Pending	N/A
IPR2018-00402		9,636,401	29-Dec-17	Organon USA, Inc.; Merck Sharp & Dohme; Merck Sharp & Dohme Corp.	Microspherix LLC	Instituted	Pending	N/A
IPR2018-00405		9,562,263	29-Dec-17	EnviroLogix Inc.	Ionian Technologies, Inc.	Denied	N/A	N/A
IPR2018-00406		9,562,264	29-Dec-17	EnviroLogix Inc.	Ionian Technologies, Inc.	Denied	N/A	N/A
IPR2018-00421		9,693,978	14-Jan-18	Catalent Pharma Solutions, Inc.	Patheon Softgels Inc.	Denied	N/A	N/A
IPR2018-00422		9,693,979	14-Jan-18	Catalent Pharma Solutions, Inc.	Patheon Softgels Inc.	Denied	N/A	N/A
IPR2018-00423	Viibryd®	8,673,921	5-Jan-18	APS GP LLC; Argentum Pharmaceuticals LLC; APS GP Investors LLC; et al.	Merck Patentgesellschaft Stichting Sanquin	Denied	N/A	N/A
IPR2018-00431		9,352,037	8-Jan-18	Forty Seven, Inc.	Bloedvoorziening	Settled pre- institution	N/A	N/A
IPR2018-00459	Ravicti®	9,561,197	12-Jan-18	Lupin Pharmaceuticals, Inc.; Lupin Ltd.	Horizon Therapeutics, LLC	Settled pre- institution	N/A	N/A
IPR2018-00507	Afinitor®	8,410,131	17-Jan-18	Hikma Pharmaceuticals PLC; West-Ward Pharmaceuticals International Ltd.	Novartis Pharmaceuticals Corp.	Instituted	Pending	N/A
IPR2018-00530	Fortamet®; Actoplus Met® XR	6,790,459	24-Jan-18	Aurobindo Pharma USA, Inc.	Andrx Corp.; Andrx Labs, LLC; Andrx Laboratories, Inc.; Andrx Laboratories (NJ), Inc.; Andrx EU Ltd.; et al.	Denied	N/A	N/A
IPR2018-00566		9,074,262	6-Feb-18	Grifols Diagnostics Solutions, Inc.; Grifols Worldwide Operations Ltd.; et al.	Biomeriux, Inc.	Denied	N/A	N/A

IPR2018-00567		9,074,262	6-Feb-18	Grifols Diagnostics Solutions, Inc.; Grifols Worldwide Operations Ltd.; et al.	Biomeriux, Inc.	Denied	N/A	N/A
IPR2018-00568		8,697,352	6-Feb-18	Grifols Diagnostics Solutions, Inc.; Grifols Worldwide Operations Ltd.; et al.	Biomeriux, Inc.	Denied	N/A	N/A
IPR2018-00569		8,697,352	6-Feb-18	Grifols Diagnostics Solutions, Inc.; Grifols Worldwide Operations Ltd.; et al.	Biomeriux, Inc.	Denied	N/A	N/A
IPR2018-00602		8,821,835	9-Feb-18	Organon USA, Inc.; Merck Sharp & Dohme; Merck Sharp & Dohme Corp.	Microspherix LLC	Instituted	Pending	N/A
IPR2018-00608	Dapsone	9,161,926	12-Feb-18	Amneal Pharmaceuticals LLC; Amneal Pharmaceuticals of New York LLC	Allergan, Inc.	Instituted	Pending	N/A
IPR2018-00625	OxyContin®	9,492,392	27-Feb-18	Kashiv Pharma, LLC	Purdue Pharma L.P.; The P.F. Laboratories, Inc.	N/A	Settled pre-institution	N/A
IPR2018-00680		9,404,127	21-Feb-18	Moderna Therapeutics, Inc.	Protiva Biotherapeutics, Inc.	Instituted	Pending	N/A
IPR2018-00685	Revlimid®	8,741,929	23-Feb-18	Apotex Inc.	Celgene Corporation	Denied	N/A	N/A
IPR2018-00717	OxyContin®	9,492,392	28-Feb-18	Kashiv Pharma, LLC	Purdue Pharma L.P.; The P.F. Laboratories, Inc.	N/A	Settled pre-institution	N/A
IPR2018-00739		9,364,435	5-Mar-18	Moderna Therapeutics, Inc.	Protiva Biotherapeutics, Inc.	Instituted	Pending	N/A
IPR2018-00778		6,423,327	15-Mar-18	L'Oréal USA, Inc.; L'Oréal S.A.	University of Massachusetts Medical School; Carmel Labs, LLC.	Denied	N/A	N/A
IPR2018-00779		6,645,513	20-Mar-18	L'Oréal USA, Inc.; L'Oréal S.A.	University of Massachusetts Medical School; Carmel Labs, LLC.	Denied	N/A	N/A
IPR2018-00789		9,546,400	15-Mar-18	Oxford Nanopore Technologies, Inc.; Metrichor, Ltd., Oxford Nanopore Techs. Ltd.	Pacific Biosciences of California, Inc.	Denied	N/A	N/A
IPR2018-00795		9,370,512	16-Mar-18	Indivior, Inc.	Rhodes Pharmaceuticals L.P.	Denied	N/A	N/A
IPR2018-00797		9,868,985	16-Mar-18	Illumina, Inc.	The Trustees of Columbia University in the City of New York	Instituted	Pending	N/A
IPR2018-00892	Eliquis®	9,326,945	5-Apr-18	Mylan, Inc.; Mylan N.V.; Mylan Pharmaceuticals, Inc.	Pfizer, Inc.; Bristol-Myers Squibb Company	Instituted	Pending	N/A

IPR2018-00894	Vimovo®	9,220,698	6-Apr-18	Dr. Reddy's Laboratories, Ltd.; Dr. Reddy's Laboratories, Inc.	Horizon Pharma, Inc.; Pozen Inc.	Instituted	Pending	N/A
IPR2018-00919		8,008,001	13-Apr-18	Boehringer Ingelheim Vetmedica, Inc.; Merial, Inc.;	Boehringer Ingelheim GmbH	Intervet International B.V.	Denied	N/A
IPR2018-00943	Vivitrol®	7,919,499	20-Apr-18	Amneal Pharmaceuticals LLC	Alkermes Pharma Ireland Limited	Instituted	Pending	N/A
IPR2018-00948		8,728,806	18-Apr-18	Baylor College of Medicine and Diakonos Research, Ltd.	The Board of Regents of the University of Texas System and Gensetix, Inc.	N/A	Pending	N/A
IPR2018-00949		9,333,248	18-Apr-18	Baylor College of Medicine and Diakonos Research, Ltd.	The Board of Regents of the University of Texas System and Gensetix, Inc.	N/A	Pending	N/A
IPR2018-00974		9,655,945	27-Apr-18	Research Products Corp.	Honeywell International, Inc.	Instituted	Pending	N/A
IPR2018-01019	Rituxan™	7,976,838	4-May-18	Celltrion, Inc.	Genentech, Inc.	Instituted	Pending	N/A
IPR2018-01020	Pazeo™	8,791,154	5-Jun-18	InvaGen Pharmaceuticals, Inc.; Cipla Ltd.; Cipla (EU) Limited; Cipla USA, Inc.	Alcon Research Ltd.	N/A	Settled pre-institution	N/A
IPR2018-01021	Pazeo™	9,533,053	5-Jun-18	InvaGen Pharmaceuticals, Inc.; Cipla Ltd.; Cipla (EU) Limited; Cipla USA, Inc.	Alcon Research Ltd.	N/A	Settled pre-institution	N/A
IPR2018-01096		7,816,392	15-May-18	Willowood USA, LLC; Greenfields Marketing Ltd.	BASF SE	Denied	N/A	N/A
IPR2018-01119	Xarelto®	9,539,218	18-May-18	Mylan, Inc.; Mylan Pharmaceuticals, Inc.; Mylan N.V.	Noven Pharmaceuticals, Inc.	N/A	Settled pre-institution	N/A
IPR2018-01143		9,333,248	24-May-18	Mylan N.V.; Mylan Pharmaceuticals, Inc.; Mylan Technologies, Inc.	Bayer Intellectual Property GMBH	Denied	N/A	N/A
IPR2018-01178		9,375,453	26-Jun-18	Bioriginal Food & Science Corp.; Rimfrost New Zealand Ltd.; Emerald Fisheries AS; Rimfrost USA, LLC; et al.	Aker BioMarine Antarctic AS	Instituted	Pending	N/A
IPR2018-01179		9,375,453	26-Jun-18	Bioriginal Food & Science Corp.; Rimfrost New Zealand Ltd.; Emerald Fisheries AS; Rimfrost USA, LLC; et al.	Aker BioMarine Antarctic AS	Instituted	Pending	N/A
IPR2018-01183	Cialis®	6,943,166	7-Jun-18	Aquestive Therapeutics Inc.	ICOS Corporation	Denied	N/A	N/A
IPR2018-01194		9,193,873	4-Jun-18	Reactive Surfaces Ltd., LLP	Toyota Motor Corp.	Denied	N/A	N/A
IPR2018-01219		8,314,225	14-Jun-18	Pfizer, Inc.	Hoffman-La Roche, Inc.	Instituted	Pending	N/A
IPR2018-01224		9,365,822	8-Jun-18	ABS Global, Inc.; Genus plc	XY, LLC	Instituted	Pending	N/A

IPR2018-01229		8,753,645	11-Jun-18	Merck & Co., Inc.; Merck Sharpe & Dohme Corp.	GlaxoSmithKline Biologicals, S.A.	Instituted	Pending	N/A
IPR2018-01234		9,265,839	11-Jun-18	Merck & Co., Inc.; Merck Sharpe & Dohme Corp.	GlaxoSmithKline Biologicals, S.A.	Instituted	Pending	N/A
IPR2018-01236		8,753,645	11-Jun-18	Merck & Co., Inc.; Merck Sharpe & Dohme Corp.	GlaxoSmithKline Biologicals, S.A.	Instituted	Pending	N/A
IPR2018-01237		9,265,839	11-Jun-18	Merck & Co., Inc.; Merck Sharpe & Dohme Corp.	GlaxoSmithKline Biologicals, S.A.	Instituted	Pending	N/A
IPR2018-01287		9,469,640	18-Jun-18	Novartis Pharmaceuticals Corporation	Plexicon, Inc.	Denied	N/A	N/A
IPR2018-01313		9,623,091	2-Jul-18	CSL Limited; CSL Behring Beteiligungs-und Verwaltungs GmbH & Co. (KG); et al.	Bioerativ Therapeutics Inc.	Denied	N/A	N/A
IPR2018-01317		9,493,831	29-Jun-18	Natera, Inc.	Illumina, Inc.	Denied	N/A	N/A
IPR2018-01341	Vimovo®	9,393,208	2-Jul-18	Dr. Reddy's Laboratories, Inc.; Dr. Reddy's Laboratories, Ltd.	Pozen Inc.; Horizon Pharma Inc.	N/A	Pending	N/A
IPR2018-01345		9,623,091	6-Jul-18	CSL Limited; CSL Behring Beteiligungs-und Verwaltungs GmbH & Co. (KG); et al.	Bioerativ Therapeutics Inc.	Denied	N/A	N/A
IPR2018-01347		9,085,799	3-Jul-18	Thermo Fisher Scientific, Inc.; Affymetrix, Inc.; Life Technologies Corporation	University of California	Denied	N/A	N/A
IPR2018-01358	Kerydin™	9,549,938	6-Jul-18	Mylan Pharmaceuticals, Inc.; Mylan Inc.; Mylan N.V.	Anacor Pharmaceuticals, Inc.	Instituted	Pending	N/A
IPR2018-01359	Kerydin™	9,566,289	6-Jul-18	Mylan Pharmaceuticals, Inc.; Mylan Inc.; Mylan N.V.	Anacor Pharmaceuticals, Inc.	Instituted	Pending	N/A
IPR2018-01360	Kerydin™	9,566,290	10-Jul-18	Mylan Pharmaceuticals, Inc.; Mylan Inc.; Mylan N.V.	Anacor Pharmaceuticals, Inc.	Instituted	Pending	N/A
IPR2018-01361	Kerydin™	9,572,823	10-Jul-18	Mylan Pharmaceuticals, Inc.; Mylan Inc.; Mylan N.V.	Anacor Pharmaceuticals, Inc.	Instituted	Pending	N/A
IPR2018-01363		8,101,579	6-Jul-18	Synergy Pharmaceuticals Inc.	Ironwood Pharmaceuticals, Inc.	N/A	Settled pre-institution	N/A
IPR2018-01367		8,835,113	10-Jul-18	Affymetrix, Inc.; Thermo Fisher Scientific Inc.; Life Technologies Corporation	The Regents of the University of California	Denied	N/A	N/A
IPR2018-01368		8,835,113	10-Jul-18	Affymetrix, Inc.; Thermo Fisher Scientific Inc.; Life Technologies Corporation	The Regents of the University of California	Denied	N/A	N/A

IPR2018-01369		8,110,673	10-Jul-18	Affymetrix, Inc.; Thermo Fisher Scientific Inc.; Life Technologies Corporation	The Regents of the University of California	Denied	N/A	N/A
IPR2018-01370		8,110,673	10-Jul-18	Affymetrix, Inc.; Thermo Fisher Scientific Inc.; Life Technologies Corporation	The Regents of the University of California	Denied	N/A	N/A
IPR2018-01375		8,859,832	3-Aug-18	REG Synthetic Fuels, LLC	Neste Oile, OYJ	Instituted	Pending	N/A
IPR2018-01403	Tecfidera®	8,399,514	13-Jul-18	Mylan Laboratories Limited; Mylan N.V.; Mylan Pharmaceuticals, Inc.; Mylan, Inc.	Biogen MA Inc.	Instituted	Pending	N/A
IPR2018-01422	Ajovy®/ Emgality®	9,340,614	8-Aug-18	Eli Lilly & Co	Teva Pharmaceuticals International GmbH	Instituted	Pending	N/A
IPR2018-01423	Ajovy®/ Emgality®	9,266,951	8-Aug-18	Eli Lilly & Co	Teva Pharmaceuticals International GmbH	Instituted	Pending	N/A
IPR2018-01424	Ajovy®/ Emgality®	9,346,881	8-Aug-18	Eli Lilly & Co	Teva Pharmaceuticals International GmbH	Instituted	Pending	N/A
IPR2018-01425	Ajovy®/ Emgality®	9,890,210	8-Aug-18	Eli Lilly & Co	Teva Pharmaceuticals International GmbH	Instituted	Pending	N/A
IPR2018-01426	Ajovy®/ Emgality®	9,890,211	8-Aug-18	Eli Lilly & Co	Teva Pharmaceuticals International GmbH	Instituted	Pending	N/A
IPR2018-01427	Ajovy®/ Emgality®	8,597,649	8-Aug-18	Eli Lilly & Co	Teva Pharmaceuticals International GmbH	Instituted	Pending	N/A
IPR2018-01494	Korlym™	8,921,348	2-Aug-18	Neptune Generics, LLC	Corcept Therapeutics Inc.	Instituted	Pending	N/A
IPR2018-01504	Revlimid®	9,056,120	3-Aug-18	Dr. Reddy's Laboratories, Inc.	Celgene Corporation	Denied	N/A	N/A
IPR2018-01507	Revlimid®	8,404,717	3-Aug-18	Dr. Reddy's Laboratories, Inc.	Celgene Corporation	Denied	N/A	N/A
IPR2018-01509	Revlimid®	7,189,740	3-Aug-18	Dr. Reddy's Laboratories, Inc.	Celgene Corporation	Denied	N/A	N/A
IPR2018-01516		8,784,854	6-Aug-18	Cosmax USA, Corp.: Cosmax Co. Ltd.	AMorePacific Corp.	Denied	N/A	N/A
IPR2018-01520		8,932,717	6-Aug-18	Reactive Surfaces Ltd., LLP	LG Chem Ltd.	Instituted	Pending	N/A
IPR2018-01550	Ravicti®	9,561,197	21-Aug-18	Endo Luxembourg Holding Co. S.a.r.l.; Endo Int'l. PLC; Par Pharmaceutical, Inc.; Endo DAC; et al.	Horizon Therapeutics, LLC	Settled pre-institution	N/A	N/A
IPR2018-01566		8,367,337	21-Aug-18	Becton, Dickinson and Co.	Biomeriux, Inc.	Instituted	Pending	N/A
IPR2018-01640		9,353,050	31-Aug-18	Luitpold Pharmaceuticals, Inc.	Apicore US LLC	Denied	N/A	N/A
IPR2018-01710		8,586,045	28-Sep-18	Eli Lilly and Co.	Teva Pharmaceuticals International GmbH	Instituted	Pending	N/A

IPR2018-01711	9,884,907	1-Oct-18	Eli Lilly and Co.	Teva Pharmaceuticals International GmbH	Instituted	Pending	N/A
IPR2018-01712	9,884,908	1-Oct-18	Eli Lilly and Co.	Teva Pharmaceuticals International GmbH	Instituted	Pending	N/A
IPR2018-01714	Revlimid® 7,968,569	1-Sep-18	Alvogen Pine Brook LLC; Lotus Pharmaceutical Co., Ltd.	Celgene Corporation	Denied	N/A	N/A
IPR2018-01730	9,072,752	21-Sep-18	Rimfrost AS	Aker BioMarine Antarctic AS	Instituted	Pending	N/A
IPR2018-01766	9,428,450	28-Sep-18	China Grand Enterprises, Inc.; Hubei Grand Life Science and Technology Co., Ltd. et al.	Vitaworks IP, LLC	Instituted	Pending	N/A
IPR2018-01767	9,428,451	28-Sep-18	China Grand Enterprises, Inc.; Hubei Grand Life Science and Technology Co., Ltd. et al.	Vitaworks IP, LLC	Instituted	Pending	N/A
IPR2018-01768	9,573,890	28-Sep-18	China Grand Enterprises, Inc.; Hubei Grand Life Science and Technology Co., Ltd. et al.	Vitaworks IP, LLC	Instituted	Pending	N/A
IPR2018-01781	9,790,543	24-Sep-18	Agilent Technologies, Inc.	Roche Sequencing Solutions, Inc.	Instituted	Pending	N/A
IPR2018-01785	9,738,929	24-Sep-18	Oxford Nanopore Technologies, Inc.; Metrichor, Ltd., Oxford Nanopore Techs. Ltd.	Pacific Biosciences of California, Inc.	Settled pre-institution	N/A	N/A
IPR2018-01788	9,011,872	24-Sep-18	Merck & Co., Inc.; Intervet Inc. DBA Merch Animal Health; Intervet International B.V.	Boehringer Ingelheim Vetmedica, Inc.	Denied	N/A	N/A
IPR2018-01789	9,011,872	24-Sep-18	Merck & Co., Inc.; Intervet Inc. DBA Merch Animal Health; Intervet International B.V.	Boehringer Ingelheim Vetmedica, Inc.	Denied	N/A	N/A
IPR2018-01792	9,738,929	25-Sep-18	Oxford Nanopore Technologies, Inc.; Metrichor, Ltd., Oxford Nanopore Techs. Ltd.	Pacific Biosciences of California, Inc.	Denied	N/A	N/A
IPR2018-01795	9,678,056	25-Sep-18	Oxford Nanopore Technologies, Inc.; Metrichor, Ltd., Oxford Nanopore Techs. Ltd.	Pacific Biosciences of California, Inc.	Settled pre-institution	N/A	N/A