

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM796852

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
Perceptive Credit Holdings III, LP		03/21/2023	Limited Partnership: DELAWARE

RECEIVING PARTY DATA

Name:	IsoPlexis Corporation
Street Address:	35 NE Industrial Rd.
City:	Branford
State/Country:	CONNECTICUT
Postal Code:	06405
Entity Type:	Corporation: DELAWARE

PROPERTY NUMBERS Total: 40

Property Type	Number	Word Mark
Serial Number:	88261088	ALL GREAT JOURNEYS IN LIFE SCIENCE BEGIN
Registration Number:	6111011	EACH CELL MAKES A DIFFERENCE
Serial Number:	87715471	CODEPLEX
Serial Number:	87543827	ELEVATE YOUR DATA
Serial Number:	88288494	FOLLOW THE DATA
Serial Number:	90259272	ELISA, REIMAGINED
Registration Number:	5403065	ISOCODE
Serial Number:	87693900	ISOCOMPASS
Registration Number:	5402658	ISOLIGHT
Serial Number:	87664434	ISOLIGHTDX
Serial Number:	87693904	ISOMAP
Serial Number:	87370233	ISO-OMIX
Serial Number:	87715461	ISOORBIT
Registration Number:	5386927	ISOPLEXIS
Registration Number:	6116215	ISOPLEXIS
Serial Number:	88160813	ISOPREP
Serial Number:	87664413	ISOPROSEQ
Serial Number:	87951196	ISOPSI
Serial Number:	87664418	ISOSEQ

CH \$1015.00 88261088

Property Type	Number	Word Mark
Serial Number:	87664416	ISOSEQPRO
Serial Number:	87370203	ISOSPEAK
Serial Number:	87715477	OMIXPLEX
Serial Number:	87715498	ISOVERSE
Serial Number:	88669431	PII
Serial Number:	88669441	POLYFUNCTIONAL INFLAMMATION INDEX
Serial Number:	88669455	POLYFUNCTIONAL STRENGTH INDEX
Serial Number:	87715485	PROSEQPLEX
Serial Number:	87951188	PSI
Serial Number:	86937145	SCBC
Serial Number:	88261077	SHED LIGHT ON THE SMALL THINGS THAT MAKE
Serial Number:	86540691	WE GET MORE FROM SINGLE CELLS
Serial Number:	90062847	ISOSPARK
Serial Number:	88837929	OMIC ABC
Serial Number:	90312011	PSD
Serial Number:	90257642	ISOVILLAIN CELLS
Serial Number:	90257671	ISOPLEXIS SUPERVILLAIN CELLS
Serial Number:	90257684	ISOPLEXIS SUPERPOWERED BIOLOGY
Serial Number:	88837927	PROTEOMIC ABC
Serial Number:	90257634	ISOHERO CELLS
Serial Number:	90257667	ISOPLEXIS SUPERHERO CELLS

CORRESPONDENCE DATA

Fax Number: 2037822889

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 203.498.4347

Email: fduffin@wiggins.com

Correspondent Name: Francis J. Duffin, Wiggins and Dana LLP

Address Line 1: One Century Tower, 265 Church Street

Address Line 4: New Haven, CONNECTICUT 06510

NAME OF SUBMITTER: Francis J. Duffin

SIGNATURE: /fjd/

DATE SIGNED: 03/23/2023

Total Attachments: 12

source=IsoPlexis Release of Security - Perceptive Credit#page1.tif

source=IsoPlexis Release of Security - Perceptive Credit#page2.tif

source=IsoPlexis Release of Security - Perceptive Credit#page3.tif

source=IsoPlexis Release of Security - Perceptive Credit#page4.tif

source=IsoPlexis Release of Security - Perceptive Credit#page5.tif

source=IsoPlexis Release of Security - Perceptive Credit#page6.tif
source=IsoPlexis Release of Security - Perceptive Credit#page7.tif
source=IsoPlexis Release of Security - Perceptive Credit#page8.tif
source=IsoPlexis Release of Security - Perceptive Credit#page9.tif
source=IsoPlexis Release of Security - Perceptive Credit#page10.tif
source=IsoPlexis Release of Security - Perceptive Credit#page11.tif
source=IsoPlexis Release of Security - Perceptive Credit#page12.tif

RELEASE OF SECURITY INTERESTS IN PATENTS AND TRADEMARKS

THIS RELEASE OF SECURITY INTERESTS IN PATENTS AND TRADEMARKS (together “Rdlldasd”) atd as oe Marcg 21 , 2023 h dxcudt by PERCEPTIVE CREDIT HOLDINGS III, LP, as a mlnhstrathvd afdnt oor tgd Sdcurd Parthds (ln sug capacity, tgd “A mlnhstrathvd Afdnt”), ln eavor oe ISOPLEXIS CORPORATION, a Ddlaward corporation (tgd “Grantor”).

RECITALS

A. WHEREAS, pursuant to tgat cdrtaln Patdnt an Tra dmark Sdcurlty Afrddmdnt atd as oe Ddcdmbdr 30, 2020 ma d by Grantor ln eavor oe A mlnhstrathvd Afdnt (as amdnd , rdstatd , amdnd an rdstatd , dxtnd d , suppldmdntd or otgdrwlsd mo hrd erom thmd to thmd, tgd “Patdnt an Tra dmark Sdcurlty Afrddmdnt”), tgd Grantor gas frantd to A mlnhstrathvd Afdnt a sdcurlty lntdrdst ln an to all oe tgd Grantor’s rlf gt, thld an lntdrdst ln an to cdrtaln tra d namds, tra dmarks, an sdrvcd marks, lofos, tra dmark an sdrvcd mark rdf hstratons, an appllcatons oor tra dmark an sdrvcd mark rdf hstratons, inclu lnf, but not lmltd to, tgosd tra dmarks lstd on Exglblt A attacgd gdrdto;

B. WHEREAS, pursuant to tgd (h) Patdnt an Tra dmark Sdcurlty Afrddmdnt an (h) tgat cdrtaln Notfcd oe Grant oe Sdcurlty lntdrdst ln Patdnts rdcord wltg tgd Unltd Statds Patdnt an Tra dmark Oeacd (tgd “USPTO”) on May 28, 2021 ma d by Grantor an acknowld fd an accdptd by tgd A mlnhstrathvd Afdnt (tgd “Notfcd”), tgd Grantor gas frantd to A mlnhstrathvd Afdnt a sdcurlty lntdrdst ln an to all oe tgd Grantor’s rlf gt, thld an lntdrdst ln an to cdrtaln patdnts an patdnt appllcatons, inclu lnf, but not lmltd to, tgosd patdnts lstd on Exglblt B an Exglblt C attacgd gdrdto (colldctlvdy, wltg tgd tra dmarks rdcdrncd ln tgd Patdnt an Tra dmark Sdcurlty Afrddmdnt an lstd on Exglblt A, tgd “Rdlldasd Collatdral”);

C. WHEREAS, tgd Patdnt an Tra dmark Sdcurlty Afrddmdnt was rdcord ln tgd USPTO on Ddcdmbdr 30, 2020, at Rddl 7151, Framd 0090, wltg rdspdct to tgd Unltd Statds tra dmarks an tra dmark appllcatons lstd on Exglblt A attacgd gdrdto;

D. WHEREAS, tgd Patdnt an Tra dmark Sdcurlty Afrddmdnt was rdcord ln tgd USPTO on Ddcdmbdr 30, 2020, at Rddl 055323, Framd 0445, wltg rdspdct to tgd Unltd Statds patdnts an patdnt appllcatons lstd on Exglblt B attacgd gdrdto;

E. WHEREAS, tgd Notfcd was rdcord ln tgd USPTO on May 28, 2021, at Rddl 056421, Framd 0929, wltg rdspdct to tgd Unltd Statds patdnts an patdnt appllcatons lstd on Exglblt C attacgd gdrdto;

F. WHEREAS, A mlnhstrathvd Afdnt wls gds to tdrmlnatd an rdlldasd, wltgout rdprsdntatton or warranty, lts sdcurlty lntdrdst ln an to tgd Rdlldasd Collatdral as provh d ln tghs Rdlldasd.

NOW, THEREFORE, oor foo an valuabl consh dratton, tgd rdcclpt an suecltdncy oe wltcg h gdrdby acknowld fd , A mlnhstrathvd Afdnt gdrdby tdrmlnatds tgd Patdnt an Tra dmark Sdcurlty Afrddmdnt an tgd Notfcd, an tdrmlnatds, rdlldasds an rdasshns, frants an convdys to

Grantor, without representation or warranty, its security interest in and to the Real Estate Collateral, including all of Grantor's right, title, and interest in, to and in and to the following:

(h) all of the trade names, trademarks and service marks, logos, trademark and service mark registrations, and applications for trademark and service mark registrations, whether now owned by Grantor or at any time hereafter acquired by Grantor and whether now existing or hereafter coming into existence, together with all registrations, applications for registrations, and renewals of trademarks, trade dress, and Unlabeled Trademark Office, including the trademarks listed on Exhibit A hereto;

(hh) all renewals of trademark and service mark registrations and all fees with associated therewith;

(hh) all patents and patent applications, including the inventions and improvements described and claimed therein, in each case whether now owned by Grantor or hereafter acquired by Grantor and whether now existing or hereafter coming into existence, including without limitation those listed on Exhibit B and Exhibit C hereto, and all related renewals, continuations, renewals, extensions and continuations in part thereof; and

A duly authorized Agent acknowledges that the Real Estate may be sold alone with any other necessary documentation with the USPTO or any other governmental office to which the real estate is being sold hereunder by Grantor. A duly authorized Agent authorizes the Grantor to correct the Real Estate with the USPTO and other applicable registry at the sold expense of Grantor and agrees to take all court actions and provide the Grantor and its successors, assigns and legal representatives with any cooperation and assistance, including, without limitation, the execution and delivery of any and all court documents or other instruments, as the Grantor and its successors, assigns and legal representatives may reasonably request to confirm, correct or correct the real estate of the security interest in the Real Estate Collateral.

[The nature of the following]

IN WITNESS WHEREOF, Administrative Agent has executed this Release of Security Interests in Patents and Trademarks as of the date first set forth above.

PERCEPTIVE CREDIT HOLDINGS III, LP

By: Perceptive Credit Opportunities GP, LLC,
its general partner

DocuSigned by:

By: _____
Name: Sandeep Dixit
Title: Chief Credit Officer


DocuSigned by:

By: _____
Name: Sam Chawla
Title: Portfolio Manager

EXHIBIT A

TRADEMARKS AND TRADEMARK APPLICATIONS

US

<u>Nwner</u>	<u>Trademarks</u>	<u>Application umber</u>	<u>Filing Date</u>	<u>Status</u>	<u>Registration o.</u>	<u>Registration Date</u>
Isoplexis Corporation	AKKFQ AS INTQM XR HM KHE RCH MC B F HM V ISG A RHMFK C KK	erial Number 88261088	1/14/2019	Pending	n/a	n/a
Isoplexis Corporation	CODEPLEX	erial Number 87715471	12/11/2017	Allowed	n/a	n/a
Isoplexis Corporation	ACGC KK LAJ RA DHEE Q MC	erial Number 88507816	7/10/2019	Registered	6111011	7/28/2020
Isoplexis Corporation	K UAS XNTQ DASA	erial Number 87543827	7/26/2017	Allowed	n/a	n/a
Isoplexis Corporation	ENKKNV SG DASA	erial Number 88288494	2/4/2019	Pending	n/a	n/a
Isoplexis Corporation	KHRA, Q HL AF HM D	erial Number 90259272	10/16/2020	Pending	n/a	n/a
Isoplexis Corporation	I OCODE	erial Number 87308662	1/20/2017	Registered	5403065	2/13/2018
Isoplexis Corporation	I OCOMP	erial Number 87693900	11/21/2017	Allowed	n/a	n/a
Isoplexis Corporation	I OLIGHS	erial Number 87196386	10/7/2016	Registered	5402658	2/13/2018
Isoplexis Corporation	I OLIGHSDX	erial Number 87664434	10/30/2017	Allowed	n/a	n/a
Isoplexis Corporation	I OMAP	erial Number 87693904	11/21/2017	Allowed	n/a	n/a
Isoplexis Corporation	I O-OMIX	erial Number 87370233	3/14/2017	Allowed	n/a	n/a
Isoplexis Corporation	I OORBIS	erial Number 87715461	12/11/2017	Allowed	n/a	n/a

<u>Nwner</u>	<u>Trademarks</u>	<u>Application umber</u>	<u>Filing Date</u>	<u>Status</u>	<u>Registration o.</u>	<u>Registration Date</u>
Isoplexis Corporation	HRNOK VHR	erial Number 86333355	7/10/2014	Registered	5386927	1/23/2018
Isoplexis Corporation	HRNOK VHR KNF N (Mew 2019)	erial Number 88507798	7/10/2019	Registered	6116215	8/4/2020
Isoplexis Corporation	HRNOQ O	erial Number 88160813	10/18/2018	Published	n/a	n/a
Isoplexis Corporation	HRNOQNR P	erial Number 87664413	10/30/2017	Allowed	n/a	n/a
Isoplexis Corporation	HRNORH	erial Number 87951196	6/6/2018	Allowed	n/a	n/a
Isoplexis Corporation	HRNR P	erial Number 87664418	10/30/2017	Allowed	n/a	n/a
Isoplexis Corporation	HRNR POQN	erial Number 87664416	10/30/2017	Allowed	n/a	n/a
Isoplexis Corporation	HRNRO AJ	erial Number 87370203	3/14/2017	Registered	5874728	10/1/2019
Isoplexis Corporation	HRNU QR	erial Number 87715498	12/11/2017	Allowed	n/a	n/a
Isoplexis Corporation	NL HRNOK W	erial Number 87715477	12/11/2017	Allowed	n/a	n/a
Isoplexis Corporation	OHH	erial Number 88669431	10/25/2019	Registered	6063771	5/26/2020
Isoplexis Corporation	ONKXETMCSHNM AK HMEKAL L ASHNM HMD W	erial Number 88669441	10/25/2019	Registered	6186915	10/27/2020
Isoplexis Corporation	ONKXETMCSHNM AK RSQ MF SG HMD W	erial Number 88669455	10/25/2019	Registered	6186916	10/27/2020
Isoplexis Corporation	OQNR POK W	erial Number 87715485	12/11/2017	Allowed	n/a	n/a
Isoplexis Corporation	ORH	erial Number 87951188	6/6/2018	Registered	5939011	12/17/2019
Isoplexis Corporation	RCBC	erial Number 86937145	3/11/2016	Registered	5932256	12/10/2019
Isoplexis Corporation	RG D KHFGS NM SG RL AKK SGHMF R SGAS L AJ A BHF DHEE Q MC	erial Number 88261077	1/14/2019	Pending	n/a	n/a

Exhibit A-2

TRADEMARK
REEL: 008026 FRAME: 0112

<u>Nwner</u>	<u>Trademarks</u>	<u>Application umber</u>	<u>Filing Date</u>	<u>Status</u>	<u>Registration o.</u>	<u>Registration Date</u>
Isoplexis Corporation	V F SLNQ EQNL RHMFK C KKR	erial Number 86540691	2/20/2015	Registered	4891759	1/26/2016
Isoplexis Corporation	HRNROAQJ	erial Number 90062847	7/20/2020	Pending	n/a	n/a
Isoplexis Corporation	OQNS NL H ABC	erial Number 88837927	3/17/2020	Pending	n/a	n/a
Isoplexis Corporation	NL H ABC	erial Number 88837929	3/17/2020	Pending	n/a	n/a
Isoplexis Corporation	ORD	erial Number 90312011	11/11/2020	Pending	n/a	n/a
Isoplexis Corporation	HRNG QN C KKR	erial Number 90257634	10/15/2020	Pending	n/a	n/a
Isoplexis Corporation	HRNUHKAHM C KKR	erial Number 90257642	10/15/2020	Pending	n/a	n/a
Isoplexis Corporation	HRNOK VHR RTO QG QN C KKR	erial Number 90257667	10/15/2020	Pending	n/a	n/a
Isoplexis Corporation	HRNOK VHR RTO QUHKAHM C KKR	erial Number 90257671	10/15/2020	Pending	n/a	n/a
Isoplexis Corporation	HRNOK VHR RTO QONV Q D BHNKNFX	erial Number 90257684	10/15/2020	Pending	n/a	n/a

Foreign

<u>Nwner</u>	<u>Trademarks</u>	<u>Country</u>	<u>Filing Date</u>	<u>Status</u>	<u>Registration o.</u>
Isoplexis Corporation	I OCODE	China	1/20/2017	Registered	1417471
Isoplexis Corporation	I OCODE	Int'l Madrid	1/20/2017	Registered	1417471
Isoplexis Corporation	I OLIGHS	China	10/7/2016	Registered	1410458
Isoplexis Corporation	I OLIGHS	Int'l Madrid	10/7/2016	Registered	1410458
Isoplexis Corporation	I OPLEXI	China	7/10/2014	Registered	1410473
Isoplexis Corporation	I OPLEXI	Int'l Madrid	7/10/2014	Registered	1410473
Isoplexis Corporation	P I	Int'l Madrid	6/6/2018	Registered	1411576

Exhibit B

PATENTS AND PATENT APPLICATIONS

US

<u>Nwner</u>	<u>Patent Application umber</u>	<u>Filing Date</u>	<u>Patent Publication umber</u>	<u>Publication Date</u>	<u>Status</u>
Isoplexis Corporation	Registration No. 10584366	6/1/2017	WO2016/090148	4/19/2018	Registered
Isoplexis Corporation	16/773,535	1/27/2020	US2020/0239926A1	7/30/2020	Office Action Issued
Isoplexis Corporation	16/332,627	3/12/2019	US2020/0166518A1	5/28/2020	Published
Isoplexis Corporation	16/349,183	5/10/2019	US2019/0285626A1	9/19/2019	Published
Isoplexis Corporation	16/463,333	5/22/2019	US2019/0376898A1	12/12/2019	Published
Isoplexis Corporation	PCT/US2019/064535	12/4/2019	WO2020/117975A1	6/11/2020	Published
Isoplexis Corporation	62/982,472	2/27/2020	n/a	n/a	Filed
Isoplexis Corporation	63/109,218	11/3/2020	n/a	n/a	Filed
Isoplexis Corporation	63/112,432	11/11/2020	n/a	n/a	Filed

Foreign

<u>Nwner</u>	<u>Country/Jurisdiction</u>	<u>Patent Application umber</u>	<u>Filing Date</u>	<u>Status</u>
Isoplexis Corporation	Austria	Registration No. 3227684	3/12/2015	Registered
Isoplexis Corporation	Belgium	Registration No. 3227684	3/12/2015	Registered
Isoplexis Corporation	Switzerland	Registration No. 3227684	3/12/2015	Registered
Isoplexis Corporation	Germany	Registration No. 3227684	3/12/2015	Registered
Isoplexis Corporation	Denmark	Registration No. 3227684	3/12/2015	Registered
Isoplexis Corporation	EPO	Registration No. 3227684	3/12/2015	Registered

<u>Nwner</u>	<u>Country/Jurisdiction</u>	<u>Patent Application umber</u>	<u>Filing Date</u>	<u>Status</u>
Isoplexis Corporation	Finland	Registration No. 3227684	3/12/2015	Registered
Isoplexis Corporation	France	Registration No. 3227684	3/12/2015	Registered
Isoplexis Corporation	United Kingdom	Registration No. 3227684	3/12/2015	Registered
Isoplexis Corporation	Netherlands	Registration No. 3227684	3/12/2015	Registered
Isoplexis Corporation	Norway	Registration No. 3227684	3/12/2015	Registered
Isoplexis Corporation	Sweden	Registration No. 3227684	3/12/2015	Registered
Isoplexis Corporation	Japan	Registration No. 6767978	12/3/2015	Registered
Yale University	China	Registration No. ZL201380055627.0	8/23/2013	Registered
Yale University	Japan	Registration No. 6197039	8/23/2013	Registered
Isoplexis Corporation	Japan	2020-70276	12/3/2015	Office Action Issued
Isoplexis Corporation	China	201580075327.8	12/3/2015	Allowed
Isoplexis Corporation	China	201780069270.X	9/12/2017	Published
Isoplexis Corporation	EPO	17784054.3	9/12/2017	Published
Isoplexis Corporation	China	201780069.6	11/13/2017	Published
Isoplexis Corporation	EPO	17817330.8	11/13/2017	Allowed
Isoplexis Corporation	Japan	2019-546778	11/13/2017	Pending
Isoplexis Corporation	China	201780072119.1	11/22/2017	Published
Isoplexis Corporation	EPO	17874490.0	11/22/2017	Published

Exhibit C

PATENTS AND PATENT APPLICATIONS

Record ID	Title	Status	Application / Grant Number
PA0814/US/CON	Mdtgocs Anc Composltions For Inborporathnf Nubldotheds	Grantdc	US9,017,973
PA0814/US/CON/DIV	Mdtgocs Anc Composltions For Inborporathnf Nubldotheds	Grantdc	US9,399,799
PA0814/US/CON/DIV/CON	Mdtgocs Anc Composltions For Inborporathnf Nubldotheds	Grantdc	US9,644,237
PA0814/US/CON/DIV/CON1/1	Mdtgocs Anc Composltions For Inborporathnf Nubldotheds	Grantdc	US10,174,066
PA0814/US/CON/DIV/CON1/1/1	Mdtgocs Anc Composltions For Inborporathnf Nubldotheds	Grantdc	US10,472,382
PA0814/US/CON/DIV/CON1/1/1/1	Mdtgocs anc Composltions eor Inborporathnf Nubldotheds	Grantdc	US10,961,574
PA0814/US/CON/DIV/CON1/1/1/1/1	Mdtgocs anc Composltions eor Inborporathnf Nubldotheds	Not Ydt Fhd	
PA0814/US/CON06	Mdtgocs Anc Composltions For Inborporathnf Nubldotheds	Pdnchmf	US17/217,354
PA0814/US/CON1/1	Mdtgocs Anc Composltions For Inborporathnf Nubldotheds	Grantdc	US9,434,989
PA0814/US/CON1/1/1	Mdtgocs Anc Composltions For Inborporathnf Nubldotheds	Grantdc	US9,909,174
PA0814/US/CON1/1/1/1	Mdtgocs Anc Composltions For Inborporathnf Nubldotheds	Grantdc	US10,329,611
PA0814/US/CON1/1/1/1/1	Mdtgocs Anc Composltions For Inborporathnf Nubldotheds	Grantdc	US11,001,887
PA0815/US	Mdtgocs Anc Composltions For Ingh lthmf Uncdshrdc Cldavmf OeLa dls	Grantdc	US8,623,598
PA0815/US/CON	Mdtgocs Anc Composltions For Ingh lthmf Uncdshrdc Cldavmf OeLa dls	Grantdc	US9,765,384
PA0816/US	Mdtgocs Anc Solutions For Ingh lthmf Uncdshrdc Cldavmf OeLa dls	Grantdc	US8,883,999
PA0816/US/CON	Mdtgocs Anc Solutions For Ingh lthmf Uncdshrdc Cldavmf OeLa dls	Grantdc	US9,605,301
PA0816/US/CON1/1	Mdtgocs Anc Solutions For Ingh lthmf Uncdshrdc Cldavmf OeLa dls	Grantdc	US9,926,595
PA0817/US/CIP	METHODS AND DEVICES FOR SEQUENCING NUCLEIC ACIDS IN SMALLER BATCHES	Grantdc	US8,481,259
PA0817/US/CIP/CON	METHODS AND DEVICES FOR SEQUENCING NUCLEIC ACIDS IN SMALLER BATCHES	Grantdc	US8,900,810
PA0817/US/CIP/CON06	METHODS AND DEVICES FOR SEQUENCING NUCLEIC ACIDS IN SMALLER BATCHES	Pdnchmf	US17/194,850

PA0817/US/CIP/CON1/1	METHODS AND DEVICES FOR SEQUENCING NUCLEIC ACIDS IN SMALLER BATCHES	Grantdc	US9,145,589
PA0817/US/CIP/CON1/1/1	METHODS AND DEVICES FOR SEQUENCING NUCLEIC ACIDS IN SMALLER BATCHES	Grantdc	US9,791,409
PA0817/US/CIP/CON1/1/1/1	METHODS AND DEVICES FOR SEQUENCING NUCLEIC ACIDS IN SMALLER BATCHES	Grantdc	US10,222,349
PA0817/US/CIP/CON1/1/1/1/1	METHODS AND DEVICES FOR SEQUENCING NUCLEIC ACIDS IN SMALLER BATCHES	Pdncmf	US16/292,819
PA0819/US	Mdtgocs Anc Ddvtds For Amplification Oe Nubldt Abtc	Grantdc	US8,741,815
PA0819/US/CON	Mdtgocs Anc Ddvtds For Amplification Oe Nubldt Abtc	Grantdc	US9,790,548
PA0819/US/CON/DIV	Mdtgocs Anc Ddvtds For Amplification Oe Nubldt Abtc	Pdncmf	US15/695,548
PA0821/US/CON	Hycroxymdtgyl Lnkdrs For La dlmf Nubldt ds	Grantdc	US9,322,050
PA0821/US/CON1/1	Hycroxymdtgyl Lnkdrs For La dlmf Nubldt ds	Grantdc	US10,161,000
PA0822/US	METHODS AND COMPOSITIONS FOR SEQUENCING NUCLEIC ACIDS USING CHARGE	Grantdc	US9,309,569
PA0822/US/DIV	METHODS AND COMPOSITIONS FOR SEQUENCING NUCLEIC ACIDS USING CHARGE	Grantdc	US10,017,816
PA0912/CN	POLYMERASE ENZYME	Pdncmf	CN201680049 408.5
PA0912/EP	POLYMERASE ENZYME	Pdncmf	EP16757670.1
PA0912/EP-DIV	POLYMERASE ENZYME	Not Ydt Fltdc	
PA0912/JP	POLYMERASE ENZYME	Pdncmf	JP2018- 512420
PA0912/JP/DIV	POLYMERASE ENZYME	Not Ydt Fltdc	
PA0912/US	POLYMERASE ENZYME	Pdncmf	US15/757,867
PA0912/US/CON	POLYMERASE ENZYME	Pdncmf	US17/181,787
PA0950/AU	Nubldt ds Analof uds	Pdncmf	AU201634945 7
PA0950/AU2	THIOL-CONTAINING CLEAVE REAGENTS AND OXIDATIVE WASH	Pdncmf	AU201735487 6
PA0950/CA	Nubldt ds Analof uds	Pdncmf	CA3,004,060
PA0950/CA2	THIOL-CONTAINING CLEAVE REAGENTS AND OXIDATIVE WASH	Pdncmf	CA3,041,055
PA0950/CN	Nubldt ds Analof uds	Pdncmf	CN201680074 649.5
PA0950/CN2	THIOL-CONTAINING CLEAVE REAGENTS AND OXIDATIVE WASH	Pdncmf	CN201780080 043.7
PA0950/EP	Nubldt ds Analof uds	Pdncmf	EP16863015.0
PA0950/EP2	THIOL-CONTAINING CLEAVE REAGENTS AND OXIDATIVE WASH	Pdncmf	EP17868018.7

PA0950/HK	Substituted Analogs	Pdnclm	HK19120779.4
PA0950/HK2	THIOL-CONTAINING CLEAVE REAGENTS AND OXIDATIVE WASH	Pdnclm	HK62020003929.0
PA0950/JP	Substituted Analogs	Grantdc	JP6775014
PA0950/JP/DIV	Substituted Analogs	Pdnclm	JP2020-168502
PA0950/JP2	THIOL-CONTAINING CLEAVE REAGENTS AND OXIDATIVE WASH	Pdnclm	JP2019-522971
PA0950/KR	Substituted Analogs	Pdnclm	KR10-2018-7015618
PA0950/TW	Substituted Analogs	Grantdc	TWI639614
PA0950/TW/DIV	Substituted Analogs	Grantdc	TWI664160
PA0950/TW/DIV1/1	Substituted Analogs	Grantdc	TWI698530
PA0950/US1	Substituted Analogs	Grantdc	US10,301,346
PA0950/US1/CON	Substituted Analogs	Pdnclm	US15/928,533
PA0950/US2	METHODS OF USING NUCLEOTIDE ANALOGUES	Grantdc	US10,273,539
PA0950/US2/CIP	THIOL-CONTAINING CLEAVE REAGENTS AND OXIDATIVE WASH	Pdnclm	US15/457,344
PA0950/US2/CON	METHODS OF USING NUCLEOTIDE ANALOGUES	Pdnclm	US15/928,562
PA0950/US3	METHODS FOR SYNTHESIZING NUCLEOTIDE ANALOGUES WITH DISULFIDE LINKERS	Grantdc	US10,336,785
PA0950/US3/DIV	METHODS FOR SYNTHESIZING NUCLEOTIDE ANALOGUES WITH DISULFIDE LINKERS	Pdnclm	US16/423,466
PA0958/EP	Acetyl to Improved Substituted Nucleotides	Pdnclm	EP17750728.2
PA0958/HK	Acetyl to Improved Substituted Nucleotides	Pdnclm	HK19124015.9
PA0958/US	Acetyl to Improved Substituted Nucleotides	Grantdc	US10,519,498
PA0958/US/DIV	Acetyl To Improved Substituted Nucleotides	Pdnclm	US16/682,558
PA0959/US	Substituted Compounds or Improved Substituted Nucleotides	Grantdc	US10,036,011
PA0994/CN	Protoprotected Mixtures As Imidazole Radicals In Substituted Nucleotides - By-Synthesized	Pdnclm	CN201780078941.9
PA0994/EP	Protoprotected Compound Cobalt As Imidazole Derivatives In Substituted Nucleotides - By-Synthesized	Pdnclm	EP17869370.1
PA0994/JP	Protoprotected Mixtures As Imidazole Radicals In Substituted Nucleotides - By-Synthesized	Pdnclm	JP2019-544801
PA0994/US	Protoprotected Mixtures As Imidazole Radicals In Substituted Nucleotides - By-Synthesized	Pdnclm	US15/799,139
PA0996-1/EP	POLYMERASE ENZYME FROM PYROCOCCLUS ABYSSI	Pdnclm	EP18708012.2

PA0996-1/US	POLYMERASE ENZYME FROM PYROCOCCUS ABYSSI	Pdncmf	US16/485,282
PA0996-2/EP/DE	POLYMERASE ENZYME FROM PYROCOCCUS FURIOSUS	Grantdc	EP3580350
PA0996-2/EP/FR	POLYMERASE ENZYME FROM PYROCOCCUS FURIOSUS	Grantdc	EP3580350
PA0996-2/EP/GB	POLYMERASE ENZYME FROM PYROCOCCUS FURIOSUS	Grantdc	EP3580350
PA0996-2/EP/IT	POLYMERASE ENZYME FROM PYROCOCCUS FURIOSUS	Grantdc	IT5020210000 03905
PA0996-2/US	POLYMERASE ENZYME FROM PYROCOCCUS FURIOSUS	Pdncmf	US16/485,281
PA0996-3/EP	POLYMERASE ENZYME FROM 9oN	Pdncmf	EP18707215.2
PA0996-3/US	POLYMERASE ENZYME FROM 9oN	Pdncmf	US16/485,279
PA0996-4/EP	POLYMERASE ENZYME FROM PHAGE T4	Pdncmf	EP18706947.1
PA0996-4/US	POLYMERASE ENZYME FROM PHAGE T4	Pdncmf	US16/485,277
PA1051/CN	Polypgdnolhb Acc tl vd s In Sdq dn bm f -By-Syntgds s	Pdncmf	CN201780018 264.1
PA1051/EP	Polypgdnolhb Acc tl vd s In Sdq dn bm f -By-Syntgds s	Pdncmf	EP17750729.0
PA1051/US	Polypgdnolhb Acc tl vd s In Sdq dn bm f -By-Syntgds s	Grantdc	US10,337,050
PA1051/US/CON	Polypgdnolhb Acc tl vd s In Sdq dn bm f By Syntgds s	Pdncmf	US16/422,056
PA1101/EP	Sdq dn bm f Acc tl vd s	Pdncmf	EP19743534.0
PA1101/US	DNA SEQUENCING REACTION ADDITIVE	Grantdc	US10,844,430
PA1101/US/CON	DNA SEQUENCING REACTION ADDITIVE	Pdncmf	US16/999,329

Exhibit C-4