

INFORME DE BÚSQUEDA DE PATENTES

N° de solicitud: NC2016/0003727

CRITERIOS PARA LA BÚSQUEDA (Anexar pantallazo o reporte en PDF, junto con los boléanos utilizados*. Para el caso de secuencias, anexar alineamientos)

PALABRAS CLAVE UTILIZADAS	Sod-1 RNA oligonucleotide phosphotiorate
CLASIFICACIONES UTILIZADAS PARA LA BÚSQUEDA	CIP: C12N 15/113, C12N 15/11, A61K 31/713, A61K 48/00, A61P 25/28, C12Q 1/68, C07H 21/02, C07H 21/04.

DOCUMENTOS CONSIDERADOS RELEVANTES (documentos patentes, literatura no patente, etc...)

Informes/Base de datos	N° de solicitud/ Autor**	Fecha de Publicación/Presentación (DD/MM/AAAA)	Reiv. afectadas (Con indicación, si procede, de las partes relevantes o números de secuencias)	Categorías especiales de los documentos citados***
SIPI	NA			
ISA(EPO) EPO	wo2006/066203	22/06/2006	1, 2, 4, 7, 9, 11, 34 y 35	X
EPO	us2009/130195	21/05/2009	NA	A
	wo2009/102427	20/08/2009	NA	A
EPOQUE NET	US2011160286	30/06/2011	NA	A
Google Patents			NA	
Lens	US20110039914	17/02/2017	1, 2, 4, 7, 9, 11, 34 y 35	X
Espacenet				
NCBI (SEQ 725, 1173, 1342 y 1351)	NA	NA	NA	NA

*** Categorías especiales de documentos citados:

"A" documento que define el estado general de la técnica no considerado como particularmente relevante. "E" solicitud de patente o patente anterior pero publicada en la fecha de presentación internacional o en fecha posterior. "P" documento publicado antes de la fecha de presentación internacional pero con posterioridad a la fecha de prioridad reivindicada.	"X" documento particularmente relevante; la invención reivindicada no puede considerarse nueva o que implique una actividad inventiva por referencia al documento aisladamente considerado. "Y" documento particularmente relevante; la invención reivindicada no puede considerarse que implique una actividad inventiva cuando el documento se asocia a otro u otros documentos de la misma naturaleza, cuya combinación resulta evidente para un experto en la materia.
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**** Indicar entre paréntesis la Autoridad que realizó la búsqueda o el informe preliminar Ejs: EPO, JP, INAPI.

Literatura no patente

**Se incluye entre otros, toda la referencia de la literatura no patente.

Fecha del reporte de búsqueda:

15/02/2018

Motor de búsqueda	Epoquenet
Base de datos:	Epodoc

[EPODOC: SS 1] **sod_1 and rna**

Results in EPODOC **23**

[SS 2] **1 and interference**

Results in EPODOC **11**

[SS 3] **PD<20140401 and 2**

Results in EPODOC **9**

[SS 5] **..li ss 3 /PN /PD /TI**



1/9 © EPODOC / EPO

PN - [US2011160286](#) A1 20110630

PD - **2011-06-30**

TI - (A1 B2)
ALLELE-SPECIFIC **RNA INTERFERENCE**

2/9 © EPODOC / EPO

PN - [US2009042828](#) A1 20090212

PD - **2009-02-12**

TI - (A1 B2)
METHODS AND COMPOSITIONS FOR TREATING GAIN-OF-FUNCTION DISORDERS USING **RNA INTERFERENCE**

3/9 © EPODOC / EPO

PN - [WO2005096781](#) A2 20051020

PD - **2005-10-20**

TI - (A2 A3)
METHODS AND COMPOSITIONS FOR TREATING GAIN-OF-FUNCTION DISORDERS USING **RNA INTERFERENCE**

4/9 © EPODOC / EPO

PN - [US2004192629](#) A1 20040930

PD - **2004-09-30**

TI - Allele-specific **RNA interference**

5/9 © EPODOC / EPOPN - [US2008125386](#) A1 20080529PD - **2008-05-29**TI - (A1 B2)
RNA interference agents for therapeutic use**6/9** © EPODOC / EPOPN - [US2006128650](#) A1 20060615PD - **2006-06-15**TI - (A1 B2)
Allele-specific **RNA interference****7/9** © EPODOC / EPOPN - [US2005288243](#) A1 20051229PD - **2005-12-29**TI - (A1 B2)
Methods and compositions for treating gain-of-function disorders using **RNA interference****8/9** © EPODOC / EPOPN - [WO2004042027](#) A2 20040521PD - **2004-05-21**TI - (A2 A3)
ALLELE-SPECIFIC RNA INTERFERENCE**9/9** © EPODOC / EPOPN - [CA2504915](#) A1 20040521PD - **2004-05-21**TI - **ALLELE-SPECIFIC RNA INTERFERENCE**

Base de datos	NCBI – blastn - Nucleotide collection (nt)
SEQ ID NO:	725

Description	Max score	Total score	Query cover	E value	Ident	Accession
PREDICTED: Gorilla gorilla gorilla superoxide dismutase 1, soluble (SOD1), mRNA	40.1	40.1	100%	0.28	100%	XM_004062687.2
Homo sapiens chromosome 21 Cu/Zn-superoxide dismutase (SOD1) gene, complete cds, alt	40.1	40.1	100%	0.28	100%	AH003628.2
PREDICTED: Nomascus leucogenys superoxide dismutase 1, soluble (SOD1), transcript vari	40.1	40.1	100%	0.28	100%	XM_012501844.1
PREDICTED: Nomascus leucogenys superoxide dismutase 1, soluble (SOD1), transcript vari	40.1	40.1	100%	0.28	100%	XM_012501843.1
PREDICTED: Nomascus leucogenys superoxide dismutase 1, soluble (SOD1), transcript vari	40.1	40.1	100%	0.28	100%	XM_004092301.2
PREDICTED: Nomascus leucogenys superoxide dismutase 1, soluble (SOD1), transcript vari	40.1	40.1	100%	0.28	100%	XM_003263853.3
PREDICTED: Pan paniscus superoxide dismutase [Cu-Zn] (LOC100989293), mRNA	40.1	40.1	100%	0.28	100%	XM_008978206.1
PREDICTED: Pan paniscus superoxide dismutase 1, soluble (SOD1), mRNA	40.1	40.1	100%	0.28	100%	XM_003813226.2
Homo sapiens superoxide dismutase (SOD1) gene, exon 5 and partial cds	40.1	40.1	100%	0.28	100%	KJ194108.1

[Download](#) [GenBank](#) [Graphics](#)

PREDICTED: Gorilla gorilla gorilla superoxide dismutase 1, soluble (SOD1), mRNA

Sequence ID: [XM_004062687.2](#) Length: 990 Number of Matches: 1

Range 1: 686 to 705 [GenBank](#) [Graphics](#)

[Next Match](#) [Previous Match](#)

Score	Expect	Identities	Gaps	Strand
40.1 bits(20)	0.28	20/20(100%)	0/20(0%)	Plus/Minus

```

Query 1 CAGGATACATTTCTACAGCT 20
      |||
Sbjct 705 CAGGATACATTTCTACAGCT 686

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[Download](#) [GenBank](#) [Graphics](#)

Homo sapiens chromosome 21 Cu/Zn-superoxide dismutase (SOD1) gene, complete cds, a

Sequence ID: [AH003628.2](#) Length: 3460 Number of Matches: 1

Range 1: 2978 to 2997 [GenBank](#) [Graphics](#)

[Next Match](#) [Previous Match](#)

Score	Expect	Identities	Gaps	Strand
40.1 bits(20)	0.28	20/20(100%)	0/20(0%)	Plus/Minus

```

Query 1 CAGGATACATTTCTACAGCT 20
      |||
Sbjct 2997 CAGGATACATTTCTACAGCT 2978

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Base de datos	NCBI – blastn - Nucleotide sequences derived from the Patent division of GenBank
SEQ ID NO:	725

Description	Max score	Total score	Query cover	E value	Ident	Accession
JP 2017513469-A/723: COMPOSITIONS FOR MODULATING SOD-1 EXPRESSION	40.1	40.1	100%	7e-07	100%	LZ102056.1
JP 2017513469-A/2: COMPOSITIONS FOR MODULATING SOD-1 EXPRESSION	40.1	497	100%	7e-07	100%	LZ101335.1
JP 2017513469-A/1: COMPOSITIONS FOR MODULATING SOD-1 EXPRESSION	40.1	54.5	100%	7e-07	100%	LZ101334.1
Sequence 725 from Patent EP3126499	40.1	40.1	100%	7e-07	100%	MS998653.1
Sequence 2 from Patent EP3126499	40.1	497	100%	7e-07	100%	MS997932.1
Sequence 1 from Patent EP3126499	40.1	54.5	100%	7e-07	100%	MS997931.1
Sequence 1 from patent US 6723893	40.1	159	100%	7e-07	100%	AR528343.1

Query ID	Description	Seq Length	Seq Type	Worksheet Name	Sequence		
WO_2015_153800_725		20bp	nucleotide	WO_2015_153800_725	CAGGATACAT	TCTACAGCT	
Patent Number	Title	Publication Date	SEQ ID NO	Hit Sequence Length	Local % Id	Alignment Length	Score (bits)
US_2014_0010861_A1	MODIFIED POLYNUCLEOTIDES FOR THE PRODUCTION OF PROTEINS ASSOCIATED WITH HUMAN DISEASE	09/01/14	30371	625	100%	20	40,13999939
US_2014_0147432_A1	MODIFIED POLYNUCLEOTIDES FOR THE PRODUCTION OF PROTEINS ASSOCIATED WITH BLOOD AND LYMPHATIC DISORDERS	29/05/14	30371	625	100%	20	40,13999939
US_2014_0171485_A1	MODIFIED POLYNUCLEOTIDES ENCODING CD28 MOLECULE	19/06/14	30371	625	100%	20	40,13999939
US_2014_0200264_A1	MODIFIED POLYNUCLEOTIDES FOR TREATING CARBOXYPEPTIDASE N, POLYPEPTIDE 1 PROTEIN DEFICIENCY	17/07/14	30371	625	100%	20	40,13999939
US_2014_0206755_A1	MODIFIED POLYNUCLEOTIDES FOR TREATING ARYLSULFATASE A PROTEIN DEFICIENCY	24/07/14	30371	625	100%	20	40,13999939
US_2014_0221465_A1	MODIFIED POLYNUCLEOTIDES FOR TREATING GALACTOSYLCERAMIDASE PROTEIN DEFICIENCY	07/08/14	30371	625	100%	20	40,13999939
US_2014_0255467_A1	MODIFIED POLYNUCLEOTIDES ENCODING CYTOTOXIC T-LYMPHOCYTE-ASSOCIATED PROTEIN 4	11/09/14	30371	625	100%	20	40,13999939
US_2014_0249208_A1	MODIFIED POLYNUCLEOTIDES FOR TREATING PROTEIN DEFICIENCY	04/09/14	30371	625	100%	20	40,13999939
US_2014_0255468_A1	MODIFIED POLYNUCLEOTIDES ENCODING PROGRAMMED CELL DEATH 1	11/09/14	30371	625	100%	20	40,13999939
US_2015_0044277_A1	MODIFIED POLYNUCLEOTIDES ENCODING CASPASE 3	12/02/15	30371	625	100%	20	40,13999939
US_2016_0199513_A1	MODIFIED POLYNUCLEOTIDES FOR THE PRODUCTION OF PROTEINS ASSOCIATED WITH HUMAN DISEASE	14/07/16	30371	625	100%	20	40,13999939
US_9061059_B2	Modified polynucleotides for treating protein deficiency	23/06/15	30371	625	100%	20	40,13999939
US_9089604_B2	Modified polynucleotides for treating galactosylceramidase protein deficiency	28/07/15	30371	625	100%	20	40,13999939
US_9220755_B2	Modified polynucleotides for the production of proteins associated with blood and lymphatic disorders	29/12/15	30371	625	100%	20	40,13999939
US_9782462_B2	Modified polynucleotides for the production of proteins associated with human disease	10/10/17	30371	625	100%	20	40,13999939
JP_2015516143_A	ヒト疾患に関連するタンパク質の産生のための修飾ポリヌクレオチド	08/06/15	30309	625	100%	20	40,13999939
JP_2017121241_A	MODIFIED POLYNUCLEOTIDES FOR PRODUCING PROTEINS ASSOCIATED WITH HUMAN DISEASE	13/07/17	30309	625	100%	20	40,13999939
WO_2013_151665_A2	MODIFIED POLYNUCLEOTIDES FOR THE PRODUCTION OF PROTEINS ASSOCIATED WITH HUMAN DISEASE	10/10/13	30371	625	100%	20	40,13999939
CA_2869005_A1	MODIFIED POLYNUCLEOTIDES FOR THE PRODUCTION OF PROTEINS ASSOCIATED WITH HUMAN DISEASE	10/10/13	30371	625	100%	20	40,13999939
US_2007_0054278_A1	Polymorphisms in nucleic acid molecules encoding human enzyme proteins, methods of detection and uses thereof	08/03/07	25505	201	100%	20	40,13999939
US_2009_0181380_A1	GENEMAP OF THE HUMAN GENES ASSOCIATED WITH CROHN'S DISEASE	16/07/09	12136	1.754	100%	20	40,13999939
WO_2007_073478_A2	GENEMAP OF THE HUMAN GENE ASSOCIATED WITH CROHN'S DISEASE	28/06/07	12136	1.754	100%	20	40,13999939
CA_2634146_A1	GENEMAP OF THE HUMAN GENES ASSOCIATED WITH CROHN'S DISEASE	28/06/07	12136	1.754	100%	20	40,13999939
US_2011_0039914_A1	MODIFIED RNAI POLYNUCLEOTIDES AND USES THEREOF	17/02/11	716	25	100%	20	40,13999939
CA_2715289_A1	MODIFIED RNAI POLYNUCLEOTIDES AND USES THEREOF	20/08/09	716	25	100%	20	40,13999939
US_2006_0134663_A1	Transcriptome microarray technology and methods of using the same	22/06/06	121053	948	100%	20	40,13999939
US_2009_0221437_A1	Transcriptome microarray technology and methods of using the same	03/09/09	121053	948	100%	20	40,13999939
JP_2008518610_A		05/06/08	121053	948	100%	20	40,13999939
US_2006_0134663_A1	Transcriptome microarray technology and methods of using the same	22/06/06	68242	948	100%	20	40,13999939
US_2006_0134663_A1	Transcriptome microarray technology and methods of using the same	22/06/06	104718	948	100%	20	40,13999939
US_2009_0221437_A1	Transcriptome microarray technology and methods of using the same	03/09/09	68242	948	100%	20	40,13999939
US_2009_0221437_A1	Transcriptome microarray technology and methods of using the same	03/09/09	104718	948	100%	20	40,13999939
JP_2008518610_A		05/06/08	104718	948	100%	20	40,13999939
JP_2008518610_A		05/06/08	68242	948	100%	20	40,13999939
US_2009_0181380_A1	GENEMAP OF THE HUMAN GENES ASSOCIATED WITH CROHN'S DISEASE	16/07/09	12112	633	100%	20	40,13999939
WO_2007_073478_A2	GENEMAP OF THE HUMAN GENE ASSOCIATED WITH CROHN'S DISEASE	28/06/07	12112	633	100%	20	40,13999939
CA_2634146_A1	GENEMAP OF THE HUMAN GENES ASSOCIATED WITH CROHN'S DISEASE	28/06/07	12112	633	100%	20	40,13999939
US_2011_0039914_A1	MODIFIED RNAI POLYNUCLEOTIDES AND USES THEREOF	17/02/11	102	25	100%	20	40,13999939
CA_2715289_A1	MODIFIED RNAI POLYNUCLEOTIDES AND USES THEREOF	20/08/09	102	25	100%	20	40,13999939
US_2011_0039914_A1	MODIFIED RNAI POLYNUCLEOTIDES AND USES THEREOF	17/02/11	713	25	100%	20	40,13999939
CA_2715289_A1	MODIFIED RNAI POLYNUCLEOTIDES AND USES THEREOF	20/08/09	713	25	100%	20	40,13999939
US_2007_0054278_A1	Polymorphisms in nucleic acid molecules encoding human enzyme proteins, methods of detection and uses thereof	08/03/07	140732	201	100%	20	40,13999939
US_2006_0134663_A1	Transcriptome microarray technology and methods of using the same	22/06/06	121052	952	100%	20	40,13999939
US_2009_0221437_A1	Transcriptome microarray technology and methods of using the same	03/09/09	121052	952	100%	20	40,13999939
JP_2008518610_A		05/06/08	121052	952	100%	20	40,13999939
US_2007_0083334_A1	Methods and systems for annotating biomolecular sequences	12/04/07	437905	1.474	100%	20	40,13999939
US_7745391_B2	Human thrombospondin polypeptide	29/06/10	437905	1.474	100%	20	40,13999939
US_2006_0134663_A1	Transcriptome microarray technology and methods of using the same	22/06/06	430920	897	100%	20	40,13999939
US_2009_0221437_A1	Transcriptome microarray technology and methods of using the same	03/09/09	430920	897	100%	20	40,13999939
JP_2008518610_A		05/06/08	430920	897	100%	20	40,13999939
US_2004_0013663_A1	Identification of sequences particularly useful for the diagnosis and identification of therapeutic targets for osteoarthritis	22/01/04	45794	542	100%	20	40,13999939
US_7432049_B2	Compositions and methods relating to osteoarthritis	07/10/08	45794	542	100%	20	40,13999939
US_7906278_B2	Diagnosis of osteoarthritis by determination of asporin RNA levels	15/03/11	45794	542	100%	20	40,13999939
WO_2002_070737_A2	COMPOSITIONS AND METHODS RELATING TO OSTEOARTHRITIS	12/09/02	45794	542	100%	20	40,13999939
JP_2004536575_A		09/12/04	45794	542	100%	20	40,13999939
CA_2439504_A1	COMPOSITIONS AND METHODS RELATING TO OSTEOARTHRITIS	12/09/02	45794	542	100%	20	40,13999939
US_2009_0181380_A1	GENEMAP OF THE HUMAN GENES ASSOCIATED WITH CROHN'S DISEASE	16/07/09	12126	780	100%	20	40,13999939
WO_2007_073478_A2	GENEMAP OF THE HUMAN GENE ASSOCIATED WITH CROHN'S DISEASE	28/06/07	12126	780	100%	20	40,13999939
CA_2634146_A1	GENEMAP OF THE HUMAN GENES ASSOCIATED WITH CROHN'S DISEASE	28/06/07	12126	780	100%	20	40,13999939
US_2006_0134663_A1	Transcriptome microarray technology and methods of using the same	22/06/06	164169	871	100%	20	40,13999939
US_2009_0221437_A1	Transcriptome microarray technology and methods of using the same	03/09/09	164169	871	100%	20	40,13999939
JP_2008518610_A		05/06/08	164169	871	100%	20	40,13999939
US_2009_0181380_A1	GENEMAP OF THE HUMAN GENES ASSOCIATED WITH CROHN'S DISEASE	16/07/09	12118	716	100%	20	40,13999939
WO_2007_073478_A2	GENEMAP OF THE HUMAN GENE ASSOCIATED WITH CROHN'S DISEASE	28/06/07	12118	716	100%	20	40,13999939
CA_2634146_A1	GENEMAP OF THE HUMAN GENES ASSOCIATED WITH CROHN'S DISEASE	28/06/07	12118	716	100%	20	40,13999939
US_2004_0013663_A1	Identification of sequences particularly useful for the diagnosis and identification of therapeutic targets for osteoarthritis	22/01/04	20951	470	100%	20	40,13999939
US_7432049_B2	Compositions and methods relating to osteoarthritis	07/10/08	20951	470	100%	20	40,13999939
US_7906278_B2	Diagnosis of osteoarthritis by determination of asporin RNA levels	15/03/11	20951	470	100%	20	40,13999939

WO 2002 070737 A2	COMPOSITIONS AND METHODS RELATING TO OSTEOARTHRITIS	12/09/02	20951	470	100%	20	40,13999939
JP 2004536575 A		09/12/04	20951	470	100%	20	40,13999939
CA 2439504 A1	COMPOSITIONS AND METHODS RELATING TO OSTEOARTHRITIS	12/09/02	20951	470	100%	20	40,13999939
US 2007 0083334 A1	Methods and systems for annotating biomolecular sequences	12/04/07	437898	1.727	100%	20	40,13999939
US 7745391 B2	Human thrombospondin polypeptide	29/06/10	437898	1.727	100%	20	40,13999939
US 2003 0219743 A1	Novel nucleic acids and polypeptides	27/11/03	64	1.148	100%	20	40,13999939
US 2007 0054278 A1	Polymorphisms in nucleic acid molecules encoding human enzyme proteins, methods of detection and uses thereof	08/03/07	140729	201	100%	20	40,13999939
US 2007 0083334 A1	Methods and systems for annotating biomolecular sequences	12/04/07	437921	1.018	100%	20	40,13999939
US 7745391 B2	Human thrombospondin polypeptide	29/06/10	437921	1.018	100%	20	40,13999939
US 2007 0083334 A1	Methods and systems for annotating biomolecular sequences	12/04/07	437890	895	100%	20	40,13999939
US 7745391 B2	Human thrombospondin polypeptide	29/06/10	437890	895	100%	20	40,13999939
US 2009 0181380 A1	GENEMAP OF THE HUMAN GENES ASSOCIATED WITH CROHN'S DISEASE	16/07/09	12122	912	100%	20	40,13999939
WO 2007 073478 A2	GENEMAP OF THE HUMAN GENE ASSOCIATED WITH CROHN'S DISEASE	28/06/07	12122	912	100%	20	40,13999939
CA 2634146 A1	GENEMAP OF THE HUMAN GENES ASSOCIATED WITH CROHN'S DISEASE	28/06/07	12122	912	100%	20	40,13999939
US 2007 0083334 A1	Methods and systems for annotating biomolecular sequences	12/04/07	437913	685	100%	20	40,13999939
US 7745391 B2	Human thrombospondin polypeptide	29/06/10	437913	685	100%	20	40,13999939
US 2011 0039914 A1	MODIFIED RNAI POLYNUCLEOTIDES AND USES THEREOF	17/02/11	714	25	100%	20	40,13999939
CA 2715289 A1	MODIFIED RNAI POLYNUCLEOTIDES AND USES THEREOF	20/08/09	714	25	100%	20	40,13999939
US 2007 0083334 A1	Methods and systems for annotating biomolecular sequences	12/04/07	437885	632	100%	20	40,13999939
US 7745391 B2	Human thrombospondin polypeptide	29/06/10	437885	632	100%	20	40,13999939
US 2004 0013663 A1	Identification of sequences particularly useful for the diagnosis and identification of therapeutic targets for osteoarthritis	22/01/04	45647	585	100%	20	40,13999939
US 7432049 B2	Compositions and methods relating to osteoarthritis	07/10/08	45647	585	100%	20	40,13999939
US 7906278 B2	Diagnosis of osteoarthritis by determination of asporin RNA levels	15/03/11	45647	585	100%	20	40,13999939
WO 2002 070737 A2	COMPOSITIONS AND METHODS RELATING TO OSTEOARTHRITIS	12/09/02	45647	585	100%	20	40,13999939
JP 2004536575 A		09/12/04	45647	585	100%	20	40,13999939
CA 2439504 A1	COMPOSITIONS AND METHODS RELATING TO OSTEOARTHRITIS	12/09/02	45647	585	100%	20	40,13999939
US 2005 0221303 A1	Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines	06/10/05	548	121	100%	20	40,13999939
JP 2004532007 A		21/10/04	548	121	100%	20	40,13999939
WO 2002 064731 A2	SEQUENCES INVOLVED IN PHENOMENA OF TUMOUR SUPPRESSION, TUMOUR REVERSION, APOPTOSIS AND/OR VIRUS RESISTANCE AND THEIR USE AS MEDICINES	22/08/02	548	121	100%	20	40,13999939
CA 2438219 A1	SEQUENCES INVOLVED IN PHENOMENA OF TUMOUR SUPPRESSION, TUMOUR REVERSION APOPTOSIS AND/OR VIRUS RESISTANCE AND THEIR USE AS MEDICINES	22/08/02	548	121	100%	20	40,13999939
US 2007 0083334 A1	Methods and systems for annotating biomolecular sequences	12/04/07	437910	590	100%	20	40,13999939
US 7745391 B2	Human thrombospondin polypeptide	29/06/10	437910	590	100%	20	40,13999939
US 2006 0134663 A1	Transcriptome microarray technology and methods of using the same	22/06/06	68244	1.086	100%	20	40,13999939
US 2006 0134663 A1	Transcriptome microarray technology and methods of using the same	22/06/06	104720	1.086	100%	20	40,13999939
US 2009 0221437 A1	Transcriptome microarray technology and methods of using the same	03/09/09	68244	1.086	100%	20	40,13999939
US 2009 0221437 A1	Transcriptome microarray technology and methods of using the same	03/09/09	104720	1.086	100%	20	40,13999939
JP 2008518610 A		05/06/08	104720	1.086	100%	20	40,13999939
JP 2008518610 A		05/06/08	68244	1.086	100%	20	40,13999939
US 2007 0054278 A1	Polymorphisms in nucleic acid molecules encoding human enzyme proteins, methods of detection and uses thereof	08/03/07	25510	201	100%	20	40,13999939
US 2007 0054278 A1	Polymorphisms in nucleic acid molecules encoding human enzyme proteins, methods of detection and uses thereof	08/03/07	140784	201	100%	20	40,13999939
WO 2009 102427 A2	MODIFIED RNAI POLYNUCLEOTIDES AND USES THEREOF	20/08/09	714	25	100%	20	40,13999939
JP 2015133968 A	MODIFIED RNAI POLYNUCLEOTIDES AND USES THEREOF	27/07/15	714	25	100%	20	40,13999939
JP 2011511636 A		14/04/11	714	25	100%	20	40,13999939
US 2004 0013663 A1	Identification of sequences particularly useful for the diagnosis and identification of therapeutic targets for osteoarthritis	22/01/04	35543	360	100%	20	40,13999939
US 7432049 B2	Compositions and methods relating to osteoarthritis	07/10/08	35543	360	100%	20	40,13999939
US 7906278 B2	Diagnosis of osteoarthritis by determination of asporin RNA levels	15/03/11	35543	360	100%	20	40,13999939
WO 2002 070737 A2	COMPOSITIONS AND METHODS RELATING TO OSTEOARTHRITIS	12/09/02	35543	360	100%	20	40,13999939
JP 2004536575 A		09/12/04	35543	360	100%	20	40,13999939
CA 2439504 A1	COMPOSITIONS AND METHODS RELATING TO OSTEOARTHRITIS	12/09/02	35543	360	100%	20	40,13999939
US 2007 0083334 A1	Methods and systems for annotating biomolecular sequences	12/04/07	437901	928	100%	20	40,13999939
US 7745391 B2	Human thrombospondin polypeptide	29/06/10	437901	928	100%	20	40,13999939
US 2007 0083334 A1	Methods and systems for annotating biomolecular sequences	12/04/07	437919	927	100%	20	40,13999939
US 7745391 B2	Human thrombospondin polypeptide	29/06/10	437919	927	100%	20	40,13999939
US 2007 0054278 A1	Polymorphisms in nucleic acid molecules encoding human enzyme proteins, methods of detection and uses thereof	08/03/07	140789	201	100%	20	40,13999939
US 2007 0083334 A1	Methods and systems for annotating biomolecular sequences	12/04/07	437891	1.122	100%	20	40,13999939
US 7745391 B2	Human thrombospondin polypeptide	29/06/10	437891	1.122	100%	20	40,13999939
US 2009 0181380 A1	GENEMAP OF THE HUMAN GENES ASSOCIATED WITH CROHN'S DISEASE	16/07/09	12142	1.294	100%	20	40,13999939
WO 2007 073478 A2	GENEMAP OF THE HUMAN GENE ASSOCIATED WITH CROHN'S DISEASE	28/06/07	12142	1.294	100%	20	40,13999939
CA 2634146 A1	GENEMAP OF THE HUMAN GENES ASSOCIATED WITH CROHN'S DISEASE	28/06/07	12142	1.294	100%	20	40,13999939
US 2006 0194211 A1	Methods for prognosis and treatment of solid tumors	31/08/06	3137	504	100%	20	40,13999939
US 2008 0032299 A1	Methods for prognosis and treatment of solid tumors	07/02/08	3137	504	100%	20	40,13999939
WO 2004 097052 A2	METHODS FOR PROGNOSIS AND TREATMENT OF SOLID TUMORS	11/11/04	3137	504	100%	20	40,13999939
CA 2523798 A1	METHODS FOR PROGNOSIS AND TREATMENT OF SOLID TUMORS	11/11/04	3137	504	100%	20	40,13999939
WO 2009 102427 A2	MODIFIED RNAI POLYNUCLEOTIDES AND USES THEREOF	20/08/09	101	25	100%	20	40,13999939
JP 2015133968 A	MODIFIED RNAI POLYNUCLEOTIDES AND USES THEREOF	27/07/15	101	25	100%	20	40,13999939
JP 2011511636 A		14/04/11	101	25	100%	20	40,13999939
US 2007 0083334 A1	Methods and systems for annotating biomolecular sequences	12/04/07	437895	1.081	100%	20	40,13999939
US 7745391 B2	Human thrombospondin polypeptide	29/06/10	437895	1.081	100%	20	40,13999939
WO 2009 102427 A2	MODIFIED RNAI POLYNUCLEOTIDES AND USES THEREOF	20/08/09	102	25	100%	20	40,13999939
JP 2015133968 A	MODIFIED RNAI POLYNUCLEOTIDES AND USES THEREOF	27/07/15	102	25	100%	20	40,13999939
JP 2011511636 A		14/04/11	102	25	100%	20	40,13999939
US 2012 0252875 A1	METHODS AND COMPOSITIONS FOR TREATING DISEASES, DISORDERS OR INJURY OF THE CNS	04/10/12	12	981	100%	20	40,13999939
US 8778904 B2	Methods and compositions for treating diseases, disorders or injury of the CNS	15/07/14	12	981	100%	20	40,13999939
US 2005 0085436 A1	Method to treat conditions associated with insulin signalling dysregulation	21/04/05	518	874	100%	20	40,13999939
US 2008 0015162 A1	COMPOUNDS AND METHODS FOR MODULATING GENE EXPRESSION	17/01/08	5	874	100%	20	40,13999939

US 2009 0292006 A1	COMPOUNDS AND METHODS FOR MODULATING EXPRESSION OF DGAT2	26/11/09	5	874	100%	20	40,13999939
US 2009 0306005 A1	COMPOUNDS AND METHODS FOR MODULATING EXPRESSION OF PCSK9	10/12/09	5	874	100%	20	40,13999939
US 2009 0306180 A1	COMPOUNDS AND METHODS FOR MODULATING EXPRESSION APOB	10/12/09	5	874	100%	20	40,13999939
US 2009 0306179 A1	COMPOUNDS AND METHODS FOR MODULATING EXPRESSION OF GCGR	10/12/09	5	874	100%	20	40,13999939
US 2009 0318532 A1	COMPOUNDS AND METHODS FOR MODULATING EXPRESSION OF PTP1B	24/12/09	5	874	100%	20	40,13999939
US 2009 0326041 A1	COMPOUNDS AND METHODS FOR MODULATING EXPRESSION OF SGLT2	31/12/09	5	874	100%	20	40,13999939
US 2009 0326042 A1	COMPOUNDS AND METHODS FOR MODULATING EXPRESSION OF CRP	31/12/09	5	874	100%	20	40,13999939
US 2011 0065775 A1	COMPOUNDS AND METHODS FOR MODULATING EXPRESSION OF SGLT2	17/03/11	5	874	100%	20	40,13999939
US 2012 0208864 A1	COMPOUNDS AND METHODS FOR MODULATING EXPRESSION OF GCGR	16/08/12	5	874	100%	20	40,13999939
US 2013 0165496 A1	COMPOUNDS AND METHODS FOR MODULATING EXPRESSION OF GCCR	27/06/13	5	874	100%	20	40,13999939
US 2015 0057329 A1	COMPOUNDS AND METHODS FOR MODULATING EXPRESSION APOB	26/02/15	5	874	100%	20	40,13999939
US 2015 0344879 A1	COMPOUNDS AND METHODS FOR MODULATING GENE EXPRESSION	03/12/15	5	874	100%	20	40,13999939
US 8143230 B2	Compounds and methods for modulating expression of PCSK9	27/03/12	5	874	100%	20	40,13999939
US 8188059 B2	Compounds and methods for modulating expression of GCGR	29/05/12	5	874	100%	20	40,13999939
US 8362232 B2	Compounds and methods for modulating expression of SGLT2	29/01/13	5	874	100%	20	40,13999939
US 8372967 B2	Compounds and methods for modulating expression of GCCR	12/02/13	5	874	100%	20	40,13999939
US 8586554 B2	Compounds and methods for modulating expression of PTP1B	19/11/13	5	874	100%	20	40,13999939
US 8673871 B2	Compounds and methods for modulating expression ApoB	18/03/14	5	874	100%	20	40,13999939
US 8969316 B2	Compounds and methods for modulating expression of DGAT2	03/03/15	5	874	100%	20	40,13999939
US 9045754 B2	Short antisense compounds with gapmer configuration	02/06/15	5	874	100%	20	40,13999939
US 9617540 B2	Compounds and methods for modulating gene expression	11/04/17	5	874	100%	20	40,13999939
US 2004 0091919 A1	Antisense modulation of superoxide dismutase 1, soluble expression	13/05/04	3	874	100%	20	40,13999939
US 2005 0288243 A1	Methods and compositions for treating gain-of-function disorders using RNA interference	29/12/05	74	874	100%	20	40,13999939
US 2005 0019915 A1	Antisense modulation of superoxide dismutase 1, soluble expression	27/01/05	3	874	100%	20	40,13999939
US 2006 0293269 A1	Antisense modulation of superoxide dismutase 1, soluble expression	28/12/06	3	874	100%	20	40,13999939
US 2007 0054869 A1	Antisense modulation of superoxide dismutase 1, soluble expression	08/03/07	3	874	100%	20	40,13999939
US 2007 0117772 A1	Methods for slowing familial ALS disease progression	24/05/07	1	874	100%	20	40,13999939
US 2009 0042828 A1	METHODS AND COMPOSITIONS FOR TREATING GAIN-OF-FUNCTION DISORDERS USING RNA INTERFERENCE	12/02/09	74	874	100%	20	40,13999939
US 2010 0081705 A1	METHODS FOR SLOWING FAMILIAL ALS DISEASE PROGRESSION	01/04/10	1	874	100%	20	40,13999939
US 2012 0029049 A1	Antisense Modulation of Superoxide Dismutase 1, Soluble Expression	02/02/12	3	874	100%	20	40,13999939
US 2012 0214865 A1	METHODS FOR SLOWING FAMILIAL ALS DISEASE PROGRESSION	23/08/12	1	874	100%	20	40,13999939
US 2015 0167008 A1	ANTISENSE MODULATION OF SUPEROXIDE DISMUTASE 1, SOLUBLE EXPRESSION	18/06/15	3	874	100%	20	40,13999939
US 7132530 B2	Antisense modulation of superoxide dismutase 1, soluble expression	07/11/06	3	874	100%	20	40,13999939
US 7498316 B2	Methods and compositions for treating gain-of-function disorders using RNA interference	03/03/09	74	874	100%	20	40,13999939
US 7622455 B2	Methods for slowing familial ALS disease progression	24/11/09	1	874	100%	20	40,13999939
US 7678895 B2	Antisense modulation of superoxide dismutase 1, soluble expression	16/03/10	3	874	100%	20	40,13999939
US 7902163 B2	Antisense modulation of superoxide dismutase 1, soluble expression	08/03/11	3	874	100%	20	40,13999939
US 8008271 B2	Methods and compositions for treating gain-of-function disorders using RNA interference	30/08/11	74	874	100%	20	40,13999939
US 8921331 B2	Methods for slowing familial ALS disease progression	30/12/14	1	874	100%	20	40,13999939
US 8993529 B2	Antisense modulation of superoxide dismutase 1, soluble expression	31/03/15	3	874	100%	20	40,13999939
US 9476051 B2	Antisense modulation of superoxide dismutase 1, soluble expression	25/10/16	3	874	100%	20	40,13999939
JP 2009536038 A		08/10/09	5	874	100%	20	40,13999939
JP 2009536664 A		15/10/09	5	874	100%	20	40,13999939
JP 2009536037 A		08/10/09	5	874	100%	20	40,13999939
WO 2007 146511 A2	COMPOUNDS AND METHODS FOR MODULATING GENE EXPRESSION	21/12/07	5	874	100%	20	40,13999939
EP 2221376 B1	Antisense modulation of superoxide dismutase 1, soluble expression	21/11/12	3	874	100%	20	40,13999939
JP 2016096826 A	COMPOUNDS AND METHODS FOR MODULATING EXPRESSION OF APOB	30/05/16	5	874	100%	20	40,13999939
JP 2014033674 A	COMPOUND AND METHOD FOR REGULATING EXPRESSION OF APOB	24/02/14	5	874	100%	20	40,13999939
US 6171856 B1	Methods and compositions relating to no-mediated cytotoxicity	09/01/01	3	874	100%	20	40,13999939
JP 2009536039 A		08/10/09	5	874	100%	20	40,13999939
KR 20040018598 A	TaT-PTEN FUSION PROTEIN AND PROCESS FOR PREPARING THE SAME AND THE USE THEREOF	04/03/04	6	874	100%	20	40,13999939
WO 2007 131238 A2	COMPOUNDS AND METHODS FOR MODULATING EXPRESSION APOB	15/11/07	5	874	100%	20	40,13999939
WO 2007 136988 A2	COMPOUNDS AND METHODS FOR MODULATING EXPRESSION OF GCCR	29/11/07	5	874	100%	20	40,13999939
WO 2007 136989 A2	COMPOUNDS AND METHODS FOR MODULATING EXPRESSION OF DGAT2	29/11/07	5	874	100%	20	40,13999939
WO 2007 143316 A2	COMPOUNDS AND METHODS FOR MODULATING EXPRESSION OF SGLT2	13/12/07	5	874	100%	20	40,13999939
WO 2007 143315 A2	COMPOUNDS AND METHODS FOR MODULATING EXPRESSION OF PCSK9	13/12/07	5	874	100%	20	40,13999939
CA 2651042 A1	COMPOUNDS AND METHODS FOR MODULATING EXPRESSION OF SGLT2	13/12/07	5	874	100%	20	40,13999939
CA 2651309 A1	COMPOUNDS AND METHODS FOR MODULATING GENE EXPRESSION	21/12/07	5	874	100%	20	40,13999939
CA 2790034 A1	ANTISENSE MODULATION OF SUPEROXIDE DISMUTASE 1, SOLUBLE EXPRESSION	03/01/03	3	874	100%	20	40,13999939
CA 2451643 C	ANTISENSE MODULATION OF SUPEROXIDE DISMUTASE 1, SOLUBLE EXPRESSION	13/11/12	3	874	100%	20	40,13999939
US 6723893 B1	Mice having a mutant SOD-1-encoding transgene	20/04/04	1	2.800	100%	20	40,13999939
US 5843641 A	Methods for the diagnosis, of familial amyotrophic lateral sclerosis	01/12/98	1	2.800	100%	20	40,13999939
US 5849290 A	Compounds and methods for the diagnosis, treatment and prevention of diseases of cell death	15/12/98	1	2.800	100%	20	40,13999939
US 2007 0010469 A1	Gene products differentially expressed in cancerous cells III	11/01/07	5108	556	100%	20	40,13999939
US 2010 0233187 A1	GENE PRODUCTS DIFFERENTIALLY EXPRESSED IN CANCEROUS CELLS	16/09/10	5108	556	100%	20	40,13999939
US 2012 0308569 A1	GENE PRODUCTS DIFFERENTIALLY EXPRESSED IN CANCEROUS CELLS	06/12/12	5108	556	100%	20	40,13999939
US 7700359 B2	Gene products differentially expressed in cancerous cells	20/04/10	5108	556	100%	20	40,13999939
US 8221983 B2	Gene products differentially expressed in cancerous cells	17/07/12	5108	556	100%	20	40,13999939
WO 2005 000087 A2	GENE PRODUCTS DIFFERENTIALLY EXPRESSED IN CANCEROUS COLON CELLS AND THEIR METHODS OF USE II	06/01/05	784	556	100%	20	40,13999939
US 2007 0054278 A1	Polymorphisms in nucleic acid molecules encoding human enzyme proteins, methods of detection and uses thereof	08/03/07	25489	201	100%	20	40,13999939
US 2004 0192629 A1	Allele-specific RNA interference	30/09/04	19	2.288	100%	20	40,13999939
US 2006 0128650 A1	Allele-specific RNA interference	15/06/06	19	2.288	100%	20	40,13999939
US 2006 0205704 A1	Modulation of neurodegenerative diseases through the progesterone receptor	14/09/06	1	2.288	100%	20	40,13999939
US 2006 0211645 A1	Modulation of neurodegenerative diseases	21/09/06	1	2.288	100%	20	40,13999939
US 2006 0211673 A1	Modulation of neurodegenerative diseases through the estrogen receptor	21/09/06	1	2.288	100%	20	40,13999939

US 2006 0229268 A1	Small interference RNA (siRNA) molecules for modulating superoxide dismutase (SOD)	12/10/06	1	2.288	100%	20	40,13999939
US 2009 0062245 A1	Modulation of Neurodegenerative Diseases Through The Progesterone Receptor	05/03/09	1	2.288	100%	20	40,13999939
US 2011 0160286 A1	ALLELE-SPECIFIC RNA INTERFERENCE	30/06/11	19	2.288	100%	20	40,13999939
US 7892793 B2	Allele-specific RNA interference	22/02/11	19	2.288	100%	20	40,13999939
US 8309533 B2	Allele-specific RNA interference	13/11/12	19	2.288	100%	20	40,13999939
WO 2006 096415 A2	MODULATION OF NEURODEGENERATIVE DISEASES THROUGH THE ESTROGEN RECEPTOR	14/09/06	1	2.288	100%	20	40,13999939
WO 2006 066203 A2	SMALL INTERFERING RNA (SIRNA) MOLECULES FOR MODULATING SUPEROXIDE DISMUTASE (SOD)	22/06/06	1	2.288	100%	20	40,13999939
WO 2006 096404 A2	MODULATION OF NEURODEGENERATIVE DISEASES THROUGH THE PROGESTERONE RECEPTOR	14/09/06	1	2.288	100%	20	40,13999939
WO 2006 096405 A2	MODULATION OF NEURODEGENERATIVE DISEASES	14/09/06	1	2.288	100%	20	40,13999939
JP 2006505288 A		16/02/06	18	2.288	100%	20	40,13999939
JP 2008531710 A		14/08/08	1	2.288	100%	20	40,13999939
JP 2008536808 A		11/09/08	1	2.288	100%	20	40,13999939
JP 2009509548 A		12/03/09	18	2.288	100%	20	40,13999939
CA 2624673 A1	ALLELE-SPECIFIC RNA INTERFERENCE	19/04/07	19	2.288	100%	20	40,13999939
CA 2504915 A1	ALLELE-SPECIFIC RNA INTERFERENCE	21/05/04	19	2.288	100%	20	40,13999939
US 2007 0083334 A1	Methods and systems for annotating biomolecular sequences	12/04/07	681418	713	100%	20	40,13999939
US 7745391 B2	Human thrombospondin polypeptide	29/06/10	681418	713	100%	20	40,13999939
JP 2007252217 A	TRANSGENIC NON-HUMAN ANIMAL	04/10/07	2	11.998	100%	20	40,13999939
US 2009 0181380 A1	GENEMAP OF THE HUMAN GENES ASSOCIATED WITH CROHN'S DISEASE	16/07/09	12128	854	100%	20	40,13999939
WO 2007 073478 A2	GENEMAP OF THE HUMAN GENE ASSOCIATED WITH CROHN'S DISEASE	28/06/07	12128	854	100%	20	40,13999939
CA 2634146 A1	GENEMAP OF THE HUMAN GENES ASSOCIATED WITH CROHN'S DISEASE	28/06/07	12128	854	100%	20	40,13999939
US 2005 0244851 A1	Methods of analysis of alternative splicing in human	03/11/05	378278	25	100%	20	40,13999939
US 2015 0376612 A1	CCCTC-Binding Factor (CTCF) RNA Interactome	31/12/15	102088	1.147	100%	20	40,13999939
WO 2015 191780 A2	CCCTC-BINDING FACTOR (CTCF) RNA INTERACTOME	17/12/15	102088	1.147	100%	20	40,13999939
US 2007 0083334 A1	Methods and systems for annotating biomolecular sequences	12/04/07	437897	885	100%	20	40,13999939
US 7745391 B2	Human thrombospondin polypeptide	29/06/10	437897	885	100%	20	40,13999939
US 2006 0134663 A1	Transcriptome microarray technology and methods of using the same	22/06/06	68240	801	100%	20	40,13999939
US 2006 0134663 A1	Transcriptome microarray technology and methods of using the same	22/06/06	104716	801	100%	20	40,13999939
US 2009 0221437 A1	Transcriptome microarray technology and methods of using the same	03/09/09	68240	801	100%	20	40,13999939
US 2009 0221437 A1	Transcriptome microarray technology and methods of using the same	03/09/09	104716	801	100%	20	40,13999939
JP 2008518610 A		05/06/08	104716	801	100%	20	40,13999939
JP 2008518610 A		05/06/08	68240	801	100%	20	40,13999939
US 2006 0134663 A1	Transcriptome microarray technology and methods of using the same	22/06/06	103541	136	100%	20	40,13999939
US 2009 0221437 A1	Transcriptome microarray technology and methods of using the same	03/09/09	103541	136	100%	20	40,13999939
JP 2008518610 A		05/06/08	103541	136	100%	20	40,13999939
US 2004 0013663 A1	Identification of sequences particularly useful for the diagnosis and identification of therapeutic targets for osteoarthritis	22/01/04	50754	452	100%	20	40,13999939
US 7432049 B2	Compositions and methods relating to osteoarthritis	07/10/08	50754	452	100%	20	40,13999939
US 7906278 B2	Diagnosis of osteoarthritis by determination of asporin RNA levels	15/03/11	50754	452	100%	20	40,13999939
WO 2002 070737 A2	COMPOSITIONS AND METHODS RELATING TO OSTEOARTHRITIS	12/09/02	50754	452	100%	20	40,13999939
JP 2004536575 A		09/12/04	50754	452	100%	20	40,13999939
CA 2439504 A1	COMPOSITIONS AND METHODS RELATING TO OSTEOARTHRITIS	12/09/02	50754	452	100%	20	40,13999939
US 2017 0037410 A1	COMPOSITIONS FOR MODULATING SOD-1 EXPRESSION	09/02/17	725	20	100%	20	40,13999939
JP 2017513469 A	S O D-1 発現を調節するための組成物	01/06/17	723	20	100%	20	40,13999939
EP 3126499 A2	COMPOSITIONS FOR MODULATING SOD-1 EXPRESSION	08/02/17	725	20	100%	20	40,13999939
WO 2015 153800 A2	COMPOSITIONS FOR MODULATING SOD-1 EXPRESSION	08/10/15	725	20	100%	20	40,13999939
CA 2942394 A1	COMPOSITIONS FOR MODULATING SOD-1 EXPRESSION	08/10/15	725	20	100%	20	40,13999939
US 2009 0181380 A1	GENEMAP OF THE HUMAN GENES ASSOCIATED WITH CROHN'S DISEASE	16/07/09	12134	1.680	100%	20	40,13999939
WO 2007 073478 A2	GENEMAP OF THE HUMAN GENE ASSOCIATED WITH CROHN'S DISEASE	28/06/07	12134	1.680	100%	20	40,13999939
CA 2634146 A1	GENEMAP OF THE HUMAN GENES ASSOCIATED WITH CROHN'S DISEASE	28/06/07	12134	1.680	100%	20	40,13999939
US 2010 0152125 A1	Compositions And Methods For The Diagnosis, Treatment, And Prevention Of Amyotrophic Lateral Sclerosis And Related Neurological Diseases	17/06/10	8	963	100%	20	40,13999939
US 8609649 B2	Compositions and methods for the diagnosis, treatment, and prevention of amyotrophic lateral sclerosis and related neurological diseases	17/12/13	8	963	100%	20	40,13999939
EP 2139460 A1	COMPOSITIONS AND METHODS FOR THE DIAGNOSIS, TREATMENT, AND PREVENTION OF AMYOTROPHIC LATERAL SCLEROSIS AND RELATED NEUROLOGICAL DISEASES	06/01/10	8	963	100%	20	40,13999939
US 5196335 A	Human superoxide dismutase cDNA	23/03/93	2	617	100%	20	40,13999939
US 2007 0032415 A1	Compositions, splice variants and methods relating to breast specific genes and proteins	08/02/07	18	880	100%	20	40,13999939
US 2007 0083334 A1	Methods and systems for annotating biomolecular sequences	12/04/07	437922	982	100%	20	40,13999939
US 7745391 B2	Human thrombospondin polypeptide	29/06/10	437922	982	100%	20	40,13999939
US 2004 0013663 A1	Identification of sequences particularly useful for the diagnosis and identification of therapeutic targets for osteoarthritis	22/01/04	46126	395	100%	20	40,13999939
US 7432049 B2	Compositions and methods relating to osteoarthritis	07/10/08	46126	395	100%	20	40,13999939
US 7906278 B2	Diagnosis of osteoarthritis by determination of asporin RNA levels	15/03/11	46126	395	100%	20	40,13999939
WO 2002 070737 A2	COMPOSITIONS AND METHODS RELATING TO OSTEOARTHRITIS	12/09/02	46126	395	100%	20	40,13999939
JP 2004536575 A		09/12/04	46126	395	100%	20	40,13999939
CA 2439504 A1	COMPOSITIONS AND METHODS RELATING TO OSTEOARTHRITIS	12/09/02	46126	395	100%	20	40,13999939
US 2007 0054278 A1	Polymorphisms in nucleic acid molecules encoding human enzyme proteins, methods of detection and uses thereof	08/03/07	25519	201	100%	20	40,13999939
US 2007 0083334 A1	Methods and systems for annotating biomolecular sequences	12/04/07	514457	135	100%	20	40,13999939
US 7745391 B2	Human thrombospondin polypeptide	29/06/10	514457	135	100%	20	40,13999939
US 2007 0054278 A1	Polymorphisms in nucleic acid molecules encoding human enzyme proteins, methods of detection and uses thereof	08/03/07	25530	201	100%	20	40,13999939
US 2007 0054278 A1	Polymorphisms in nucleic acid molecules encoding human enzyme proteins, methods of detection and uses thereof	08/03/07	140791	201	100%	20	40,13999939
US 2007 0054278 A1	Polymorphisms in nucleic acid molecules encoding human enzyme proteins, methods of detection and uses thereof	08/03/07	25487	201	100%	20	40,13999939
US 2007 0054278 A1	Polymorphisms in nucleic acid molecules encoding human enzyme proteins, methods of detection and uses thereof	08/03/07	25536	201	100%	20	40,13999939
US 2007 0054278 A1	Polymorphisms in nucleic acid molecules encoding human enzyme proteins, methods of detection and uses thereof	08/03/07	140767	201	100%	20	40,13999939

US 2007 0083334 A1	Methods and systems for annotating biomolecular sequences	12/04/07	437918	890	100%	20	40,13999939
US 7745391 B2	Human thrombospondin polypeptide	29/06/10	437918	890	100%	20	40,13999939
US 2007 0083334 A1	Methods and systems for annotating biomolecular sequences	12/04/07	437916	964	100%	20	40,13999939
US 7745391 B2	Human thrombospondin polypeptide	29/06/10	437916	964	100%	20	40,13999939
US 2007 0083334 A1	Methods and systems for annotating biomolecular sequences	12/04/07	437882	729	100%	20	40,13999939
US 7745391 B2	Human thrombospondin polypeptide	29/06/10	437882	729	100%	20	40,13999939
JP 2007252217 A	TRANSGENIC NON-HUMAN ANIMAL	04/10/07	1	11.998	100%	20	40,13999939
US 2007 0083334 A1	Methods and systems for annotating biomolecular sequences	12/04/07	437914	938	100%	20	40,13999939
US 7745391 B2	Human thrombospondin polypeptide	29/06/10	437914	938	100%	20	40,13999939
US 2009 0181380 A1	GENEMAP OF THE HUMAN GENES ASSOCIATED WITH CROHN'S DISEASE	16/07/09	12114	808	100%	20	40,13999939
WO 2007 073478 A2	GENEMAP OF THE HUMAN GENE ASSOCIATED WITH CROHN'S DISEASE	28/06/07	12114	808	100%	20	40,13999939
CA 2634146 A1	GENEMAP OF THE HUMAN GENES ASSOCIATED WITH CROHN'S DISEASE	28/06/07	12114	808	100%	20	40,13999939
US 2005 0037344 A1	Nucleic acid array	17/02/05	158	780	100%	20	40,13999939
US 2005 0037344 A1	Nucleic acid array	17/02/05	674	780	100%	20	40,13999939
US 4818698 A	Polypeptides and preparation process thereof	04/04/89	1	604	100%	20	40,13999939
US 2004 0037842 A1	Compositions and methods for the therapy and diagnosis of colon cancer	26/02/04	286	328	100%	20	40,13999939
WO 2001 073027 A2	COMPOSITIONS AND METHODS FOR THERAPY AND DIAGNOSIS OF COLON CANCER	04/10/01	286	328	100%	20	40,13999939
US 2006 0134663 A1	Transcriptome microarray technology and methods of using the same	22/06/06	68241	952	100%	20	40,13999939
US 2006 0134663 A1	Transcriptome microarray technology and methods of using the same	22/06/06	104717	952	100%	20	40,13999939
US 2009 0221437 A1	Transcriptome microarray technology and methods of using the same	03/09/09	68241	952	100%	20	40,13999939
US 2009 0221437 A1	Transcriptome microarray technology and methods of using the same	03/09/09	104717	952	100%	20	40,13999939
JP 2008518610 A		05/06/08	104717	952	100%	20	40,13999939
JP 2008518610 A		05/06/08	68241	952	100%	20	40,13999939
US 8084598 B1	Bioinformality detectable group of novel regulatory oligonucleotides and uses thereof	27/12/11	60502	23	100%	20	40,13999939
US 2007 0083334 A1	Methods and systems for annotating biomolecular sequences	12/04/07	437889	1.003	100%	20	40,13999939
US 7745391 B2	Human thrombospondin polypeptide	29/06/10	437889	1.003	100%	20	40,13999939
WO 2009 102427 A2	MODIFIED RNAI POLYNUCLEOTIDES AND USES THEREOF	20/08/09	716	25	100%	20	40,13999939
JP 2015133968 A	MODIFIED RNAI POLYNUCLEOTIDES AND USES THEREOF	27/07/15	716	25	100%	20	40,13999939
JP 2011511636 A		14/04/11	716	25	100%	20	40,13999939
US 2004 0091919 A1	Antisense modulation of superoxide dismutase 1, soluble expression	13/05/04	11	438	100%	20	40,13999939
US 2005 0019915 A1	Antisense modulation of superoxide dismutase 1, soluble expression	27/01/05	11	438	100%	20	40,13999939
US 2006 0293269 A1	Antisense modulation of superoxide dismutase 1, soluble expression	28/12/06	11	438	100%	20	40,13999939
US 2007 0054869 A1	Antisense modulation of superoxide dismutase 1, soluble expression	08/03/07	11	438	100%	20	40,13999939
US 2012 0029049 A1	Antisense Modulation of Superoxide Dismutase 1, Soluble Expression	02/02/12	11	438	100%	20	40,13999939
US 2015 0167008 A1	ANTISENSE MODULATION OF SUPEROXIDE DISMUTASE 1, SOLUBLE EXPRESSION	18/06/15	11	438	100%	20	40,13999939
US 7132530 B2	Antisense modulation of superoxide dismutase 1, soluble expression	07/11/06	11	438	100%	20	40,13999939
US 7678895 B2	Antisense modulation of superoxide dismutase 1, soluble expression	16/03/10	11	438	100%	20	40,13999939
US 7902163 B2	Antisense modulation of superoxide dismutase 1, soluble expression	08/03/11	11	438	100%	20	40,13999939
US 8993529 B2	Antisense modulation of superoxide dismutase 1, soluble expression	31/03/15	11	438	100%	20	40,13999939
US 9476051 B2	Antisense modulation of superoxide dismutase 1, soluble expression	25/10/16	11	438	100%	20	40,13999939
EP 2221376 B1	Antisense modulation of superoxide dismutase 1, soluble expression	21/11/12	11	438	100%	20	40,13999939
CA 2790034 A1	ANTISENSE MODULATION OF SUPEROXIDE DISMUTASE 1, SOLUBLE EXPRESSION	03/01/03	11	438	100%	20	40,13999939
CA 2451643 C	ANTISENSE MODULATION OF SUPEROXIDE DISMUTASE 1, SOLUBLE EXPRESSION	13/11/12	11	438	100%	20	40,13999939
US 2006 0099578 A1	Mitochondrial biology expression arrays	11/05/06	924	437	100%	20	40,13999939
JP 2005515757 A		02/06/05	924	437	100%	20	40,13999939
CA 2459061 A1	MITOCHONDRIAL BIOLOGY EXPRESSION ARRAYS	13/03/03	924	437	100%	20	40,13999939
US 2017 0037410 A1	COMPOSITIONS FOR MODULATING SOD-1 EXPRESSION	09/02/17	2	11.001	100%	20	40,13999939
JP 2017513469 A	S O D - 1 発現を調節するための組成物	01/06/17	2	11.001	100%	20	40,13999939
EP 3126499 A2	COMPOSITIONS FOR MODULATING SOD-1 EXPRESSION	08/02/17	2	11.001	100%	20	40,13999939
WO 2015 153800 A2	COMPOSITIONS FOR MODULATING SOD-1 EXPRESSION	08/10/15	2	11.001	100%	20	40,13999939
CA 2942394 A1	COMPOSITIONS FOR MODULATING SOD-1 EXPRESSION	08/10/15	2	11.001	100%	20	40,13999939
US 2005 0037344 A1	Nucleic acid array	17/02/05	155	560	100%	20	40,13999939
US 2005 0037344 A1	Nucleic acid array	17/02/05	671	560	100%	20	40,13999939
US 2005 0118625 A1	Nucleic acid arrays for detecting gene expression associated with human osteoarthritis and human proteases	02/06/05	420	560	100%	20	40,13999939
US 2005 0118625 A1	Nucleic acid arrays for detecting gene expression associated with human osteoarthritis and human proteases	02/06/05	5655	560	100%	20	40,13999939
US 2007 0015145 A1	Nucleic acid and amino acid sequences involved in pain	18/01/07	14014	560	100%	20	40,13999939
US 2007 0015145 A1	Nucleic acid and amino acid sequences involved in pain	18/01/07	14387	560	100%	20	40,13999939
US 2008 0070797 A1	Nucleic acid arrays for detecting gene expression associated with human osteoarthritis and human proteases	20/03/08	420	560	100%	20	40,13999939
US 2008 0070797 A1	Nucleic acid arrays for detecting gene expression associated with human osteoarthritis and human proteases	20/03/08	5655	560	100%	20	40,13999939
US 2005 0277606 A1	Therapeutic methods and agents for diseases associated with decreased expression of AOP-1 gene or AOP-1	15/12/05	29	560	100%	20	40,13999939
US 7598228 B2	Therapeutic methods and agents for diseases associated with decreased expression of AOP-1 gene or AOP-1	06/10/09	29	560	100%	20	40,13999939
WO 2002 064169 A1	METHODS OF TREATING DISEASES IN ASSOCIATION WITH DECREASE IN THE EXPRESSION OF AOP-1 GENE OR AOP-1 AND REMEDIES FOR THE DISEASES	22/08/02	25	560	100%	20	40,13999939
KR 100986225 B1	METHODS OF TREATING DISEASES IN ASSOCIATION WITH DECREASE IN THE EXPRESSION OF AOP-1 GENE OR AOP-1 AND REMEDIES FOR THE DISEASES	07/10/10	29	560	100%	20	40,13999939
CA 2438590 A1	THERAPEUTIC METHODS AND AGENTS FOR DISEASES ASSOCIATED WITH DECREASED EXPRESSION OF AOP-1 GENE OR AOP-1	22/08/02	29	560	100%	20	40,13999939
US 2010 0152125 A1	Compositions And Methods For The Diagnosis, Treatment, And Prevention Of Amyotrophic Lateral Sclerosis And Related Neurological Diseases	17/06/10	6	668	100%	20	40,13999939
US 8609649 B2	Compositions and methods for the diagnosis, treatment, and prevention of amyotrophic lateral sclerosis and related neurological diseases	17/12/13	6	668	100%	20	40,13999939
EP 2139460 A1	COMPOSITIONS AND METHODS FOR THE DIAGNOSIS, TREATMENT, AND PREVENTION OF AMYOTROPHIC LATERAL SCLEROSIS AND RELATED NEUROLOGICAL DISEASES	06/01/10	6	668	100%	20	40,13999939
US 2007 0054278 A1	Polymorphisms in nucleic acid molecules encoding human enzyme proteins, methods of detection and uses thereof	08/03/07	140730	201	100%	20	40,13999939
US 2007 0083334 A1	Methods and systems for annotating biomolecular sequences	12/04/07	437883	1.006	100%	20	40,13999939

US 7745391 B2	Human thrombospondin polypeptide	29/06/10	437883	1.006	100%	20	40,13999939
US 2007 0054278 A1	Polymorphisms in nucleic acid molecules encoding human enzyme proteins, methods of detection and uses thereof	08/03/07	25486	201	100%	20	40,13999939
US 2007 0083334 A1	Methods and systems for annotating biomolecular sequences	12/04/07	437884	639	100%	20	40,13999939
US 7745391 B2	Human thrombospondin polypeptide	29/06/10	437884	639	100%	20	40,13999939
US 2006 0134663 A1	Transcriptome microarray technology and methods of using the same	22/06/06	157307	981	100%	20	40,13999939
US 2006 0134663 A1	Transcriptome microarray technology and methods of using the same	22/06/06	335205	981	100%	20	40,13999939
US 2006 0134663 A1	Transcriptome microarray technology and methods of using the same	22/06/06	464605	981	100%	20	40,13999939
US 2009 0221437 A1	Transcriptome microarray technology and methods of using the same	03/09/09	157307	981	100%	20	40,13999939
US 2009 0221437 A1	Transcriptome microarray technology and methods of using the same	03/09/09	335205	981	100%	20	40,13999939
US 2009 0221437 A1	Transcriptome microarray technology and methods of using the same	03/09/09	464605	981	100%	20	40,13999939
JP 2008518610 A		05/06/08	464605	981	100%	20	40,13999939
JP 2008518610 A		05/06/08	157307	981	100%	20	40,13999939
JP 2008518610 A		05/06/08	335205	981	100%	20	40,13999939
US 2003 0165831 A1	Novel genes, compositions, kits, and methods for identification, assessment, prevention, and therapy of ovarian cancer	04/09/03	21657	957	100%	20	40,13999939
WO 2001 070979 A2	NOVEL GENES, COMPOSITIONS, KITS, AND METHOD FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY OF OVARIAN CANCER	27/09/01	21657	957	100%	20	40,13999939
US 2007 0054278 A1	Polymorphisms in nucleic acid molecules encoding human enzyme proteins, methods of detection and uses thereof	08/03/07	96470	73.651	100%	20	40,13999939
US 2009 0181380 A1	GENEMAP OF THE HUMAN GENES ASSOCIATED WITH CROHN'S DISEASE	16/07/09	12138	883	100%	20	40,13999939
WO 2007 073478 A2	GENEMAP OF THE HUMAN GENE ASSOCIATED WITH CROHN'S DISEASE	28/06/07	12138	883	100%	20	40,13999939
CA 2634146 A1	GENEMAP OF THE HUMAN GENES ASSOCIATED WITH CROHN'S DISEASE	28/06/07	12138	883	100%	20	40,13999939
US 2007 0083334 A1	Methods and systems for annotating biomolecular sequences	12/04/07	437902	623	100%	20	40,13999939
US 7745391 B2	Human thrombospondin polypeptide	29/06/10	437902	623	100%	20	40,13999939
US 2007 0083334 A1	Methods and systems for annotating biomolecular sequences	12/04/07	437906	1.839	100%	20	40,13999939
US 7745391 B2	Human thrombospondin polypeptide	29/06/10	437906	1.839	100%	20	40,13999939
US 2007 0083334 A1	Methods and systems for annotating biomolecular sequences	12/04/07	437900	1.868	100%	20	40,13999939
US 7745391 B2	Human thrombospondin polypeptide	29/06/10	437900	1.868	100%	20	40,13999939
US 2007 0049743 A1	Novel nucleic acids and polypeptides	01/03/07	64	1.043	100%	20	40,13999939
WO 2001 087917 A1	NOVEL NUCLEIC ACIDS AND POLYPEPTIDES	22/11/01	64	1.043	100%	20	40,13999939
CA 2409164 A1	NOVEL NUCLEIC ACIDS AND POLYPEPTIDES	22/11/01	64	1.043	100%	20	40,13999939
US 2011 0039914 A1	MODIFIED RNAI POLYNUCLEOTIDES AND USES THEREOF	17/02/11	101	25	100%	20	40,13999939
CA 2715289 A1	MODIFIED RNAI POLYNUCLEOTIDES AND USES THEREOF	20/08/09	101	25	100%	20	40,13999939
US 2002 0136728 A1	Compositions and methods for the therapy and diagnosis of colon cancer	26/09/02	9	474	100%	20	40,13999939
US 2003 0166064 A1	Compositions and methods for the therapy and diagnosis of colon cancer	04/09/03	9	474	100%	20	40,13999939
US 2005 0147615 A1	Compositions and methods for the therapy and diagnosis of colon cancer	07/07/05	9	474	100%	20	40,13999939
US 2006 0193870 A1	Compositions and methods for the therapy and diagnosis of colon cancer	31/08/06	9	474	100%	20	40,13999939
US 2008 0317755 A1	COMPOSITIONS AND METHODS FOR THE THERAPY AND DIAGNOSIS OF COLON CANCER	25/12/08	9	474	100%	20	40,13999939
WO 2002 012328 A2	COMPOSITIONS AND METHODS FOR THE THERAPY AND DIAGNOSIS OF COLON CANCER	14/02/02	9	474	100%	20	40,13999939
CA 2417866 A1	CANCER	14/02/02	9	474	100%	20	40,13999939
US 2009 0181380 A1	GENEMAP OF THE HUMAN GENES ASSOCIATED WITH CROHN'S DISEASE	16/07/09	12140	1.043	100%	20	40,13999939
WO 2007 073478 A2	GENEMAP OF THE HUMAN GENE ASSOCIATED WITH CROHN'S DISEASE	28/06/07	12140	1.043	100%	20	40,13999939
CA 2634146 A1	GENEMAP OF THE HUMAN GENES ASSOCIATED WITH CROHN'S DISEASE	28/06/07	12140	1.043	100%	20	40,13999939
JP 2014500723 A		16/01/14	18165	10.827	100%	20	40,13999939
US 2007 0083334 A1	Methods and systems for annotating biomolecular sequences	12/04/07	437920	1.076	100%	20	40,13999939
US 7745391 B2	Human thrombospondin polypeptide	29/06/10	437920	1.076	100%	20	40,13999939
US 2007 0054278 A1	Polymorphisms in nucleic acid molecules encoding human enzyme proteins, methods of detection and uses thereof	08/03/07	140781	201	100%	20	40,13999939
US 2010 0152125 A1	Compositions And Methods For The Diagnosis, Treatment, And Prevention Of Amyotrophic Lateral Sclerosis And Related Neurological Diseases	17/06/10	4	953	100%	20	40,13999939
US 8609649 B2	Compositions and methods for the diagnosis, treatment, and prevention of amyotrophic lateral sclerosis and related neurological diseases	17/12/13	4	953	100%	20	40,13999939
EP 2139460 A1	COMPOSITIONS AND METHODS FOR THE DIAGNOSIS, TREATMENT, AND PREVENTION OF AMYOTROPHIC LATERAL SCLEROSIS AND RELATED NEUROLOGICAL DISEASES	06/01/10	4	953	100%	20	40,13999939
WO 2016 149455 A2	THE RNA INTERACTOME OF POLYCOMB REPRESSIVE COMPLEX 1 (PRC1)	22/09/16	3556	1.205	100%	20	40,13999939
WO 2009 102427 A2	MODIFIED RNAI POLYNUCLEOTIDES AND USES THEREOF	20/08/09	715	25	100%	20	40,13999939
JP 2015133968 A	MODIFIED RNAI POLYNUCLEOTIDES AND USES THEREOF	27/07/15	715	25	100%	20	40,13999939
JP 2011511636 A		14/04/11	715	25	100%	20	40,13999939
US 2007 0083334 A1	Methods and systems for annotating biomolecular sequences	12/04/07	437917	784	100%	20	40,13999939
US 7745391 B2	Human thrombospondin polypeptide	29/06/10	437917	784	100%	20	40,13999939
US 2009 0181380 A1	GENEMAP OF THE HUMAN GENES ASSOCIATED WITH CROHN'S DISEASE	16/07/09	12116	883	100%	20	40,13999939
WO 2007 073478 A2	GENEMAP OF THE HUMAN GENE ASSOCIATED WITH CROHN'S DISEASE	28/06/07	12116	883	100%	20	40,13999939
CA 2634146 A1	GENEMAP OF THE HUMAN GENES ASSOCIATED WITH CROHN'S DISEASE	28/06/07	12116	883	100%	20	40,13999939
US 2006 0134663 A1	Transcriptome microarray technology and methods of using the same	22/06/06	121054	969	100%	20	40,13999939
US 2009 0221437 A1	Transcriptome microarray technology and methods of using the same	03/09/09	121054	969	100%	20	40,13999939
JP 2008518610 A		05/06/08	121054	969	100%	20	40,13999939
US 2007 0054278 A1	Polymorphisms in nucleic acid molecules encoding human enzyme proteins, methods of detection and uses thereof	08/03/07	140731	201	100%	20	40,13999939
US 2006 0134663 A1	Transcriptome microarray technology and methods of using the same	22/06/06	115143	981	100%	20	40,13999939
US 2006 0134663 A1	Transcriptome microarray technology and methods of using the same	22/06/06	283776	981	100%	20	40,13999939
US 2006 0134663 A1	Transcriptome microarray technology and methods of using the same	22/06/06	393559	981	100%	20	40,13999939
US 2009 0181380 A1	GENEMAP OF THE HUMAN GENES ASSOCIATED WITH CROHN'S DISEASE	16/07/09	2026	981	100%	20	40,13999939
US 2009 0215178 A1	Methods to enhance the stability and homogeneity of transgene expression in clonal cell lines	27/08/09	2183	981	100%	20	40,13999939
US 2009 0221437 A1	Transcriptome microarray technology and methods of using the same	03/09/09	115143	981	100%	20	40,13999939
US 2009 0221437 A1	Transcriptome microarray technology and methods of using the same	03/09/09	283776	981	100%	20	40,13999939
US 2009 0221437 A1	Transcriptome microarray technology and methods of using the same	03/09/09	393559	981	100%	20	40,13999939
US 2012 0087862 A1	ORGAN-SPECIFIC PROTEINS AND METHODS OF THEIR USE	12/04/12	19288	981	100%	20	40,13999939
US 2012 0277999 A1	METHODS, KITS AND ARRAYS FOR SCREENING FOR, PREDICTING AND IDENTIFYING DONORS FOR HEMATOPOIETIC CELL TRANSPLANTATION, AND PREDICTING RISK OF HEMATOPOIETIC CELL TRANSPLANT (HCT) TO INDUCE GRAFT VS. HOST DISEASE (GVHD)	01/11/12	1061	981	100%	20	40,13999939

US 2013 0189690 A1	SCNSA Splice Variants for Use in Methods Relating to Sudden Cardiac Death and Need for Implanted Cardiac Defibrillators	25/07/13	345	981	100%	20	40,13999939
US 2013 0315885 A1	INTEROGATORY CELL-BASED ASSAYS FOR IDENTIFYING DRUG-INDUCED TOXICITY MARKERS	28/11/13	393	981	100%	20	40,13999939
US 2014 0004108 A1	Methods for Modulation of Autophagy Through the Modulation of Autophagy-Enhancing Gene Products	02/01/14	78	981	100%	20	40,13999939
US 2014 0100128 A1	USE OF MARKERS IN THE IDENTIFICATION OF CARDIOTOXIC AGENTS AND IN THE DIAGNOSIS AND MONITORING OF CARDIOMYOPATHY AND CARDIOVASCULAR DISEASE	10/04/14	425	981	100%	20	40,13999939
US 2014 0106981 A1	Organ-Specific Proteins and Methods of Their Use	17/04/14	19288	981	100%	20	40,13999939
US 2014 0156200 A1	ASSESSMENT OF CELLULAR SIGNALING PATHWAY ACTIVITY USING PROBABILISTIC MODELING OF TARGET GENE EXPRESSION	05/06/14	205	981	100%	20	40,13999939
US 2015 0347672 A1	ASSESSMENT OF CELLULAR SIGNALING PATHWAY ACTIVITY USING LINEAR COMBINATION(S) OF TARGET GENE EXPRESSIONS	03/12/15	205	981	100%	20	40,13999939
US 2016 0117439 A1	SUPERIOR BIOINFORMATICS PROCESS FOR IDENTIFYING AT RISK SUBJECT POPULATIONS	28/04/16	153	981	100%	20	40,13999939
US 2016 0117443 A1	BIOINFORMATICS PROCESS FOR IDENTIFYING AT RISK SUBJECT POPULATIONS	28/04/16	130	981	100%	20	40,13999939
US 2016 0194631 A1	Methods for Modulation of Autophagy Through the Modulation of Autophagy-Inhibiting Gene Products	07/07/16	78	981	100%	20	40,13999939
US 8586006 B2	Organ-specific proteins and methods of their use	19/11/13	19288	981	100%	20	40,13999939
US 2006 0211079 A1	Systemic markers for asthma and analogous diseases	21/09/06	1	981	100%	20	40,13999939
US 2007 0202537 A1	BIOMARKERS FOR ALS	30/08/07	2	981	100%	20	40,13999939
US 2007 0292410 A1	METHODS AND COMPOSITIONS TO TREAT AND DETECT MISFOLDED-SOD1 MEDIATED DISEASES	20/12/07	18	981	100%	20	40,13999939
US 2008 0125386 A1	RNA interference agents for therapeutic use	29/05/08	11	981	100%	20	40,13999939
US 2008 0206251 A1	Methods and Compositions to Treat and Detect Misfolded-SOD1 Mediated Diseases	28/08/08	18	981	100%	20	40,13999939
US 2009 0068194 A1	Antibodies and Their Use In The Treatment, Prevention and Diagnosis of a Disease Associated With SOD1 Abnormalities	12/03/09	8	981	100%	20	40,13999939
US 2009 0075900 A1	Therapeutic agent for motor neuron disease	19/03/09	4	981	100%	20	40,13999939
US 2009 0304595 A1	ANIMAL MODEL AND A METHOD FOR PRODUCING AN ANIMAL MODEL	10/12/09	1	981	100%	20	40,13999939
US 2010 0047826 A1	Cell Into Which Protein, Which Can Serve as Polymerization Nucleus of Protein Polymer, or Polymer Thereof Is Introduced, and Method for Production of The Cell	25/02/10	5	981	100%	20	40,13999939
US 2010 0113351 A1	Therapeutic Compositions Comprising an RNAi Agent and a Neurotrophic Factor and Methods of Use Thereof	06/05/10	23	981	100%	20	40,13999939
US 2010 0279942 A1	METHODS FOR TREATING MOTOR NEURON DISEASE	04/11/10	4	981	100%	20	40,13999939
US 2010 0298697 A1	METHOD AND DEVICES FOR IMPROVED EFFICIENCY OF RNA DELIVERY TO CELLS	25/11/10	499	981	100%	20	40,13999939
US 2010 0298762 A1	Methods and Devices for Improved Efficiency of RNA Delivery to Cells	25/11/10	499	981	100%	20	40,13999939
US 2011 0104225 A1	POLYPEPTIDES, MATRICES, HYDROGELS AND METHODS OF USING SAME FOR TISSUE REGENERATION AND REPAIR	05/05/11	5	981	100%	20	40,13999939
US 2011 0165594 A1	SYSTEMIC MARKERS FOR ASTHMA AND ANALOGOUS DISEASES	07/07/11	1	981	100%	20	40,13999939
US 2011 0212097 A1	Methods and Compositions to Treat and Detect Misfolded-SOD1 Mediated Diseases	01/09/11	18	981	100%	20	40,13999939
US 2011 0305701 A1	Methods and Compositions to Treat and Detect Misfolded-SOD1 Mediated Diseases	15/12/11	18	981	100%	20	40,13999939
US 2012 0108654 A1	COMPOSITIONS AND METHODS FOR THE TREATMENT OF OCULAR OXIDATIVE STRESS AND RETINITIS PIGMENTOSA	03/05/12	31	981	100%	20	40,13999939
US 2013 0288924 A1	METHOD FOR DIAGNOSING HEMATOLOGICAL DISORDERS	31/10/13	12	981	100%	20	40,13999939
US 2014 0341927 A1	ANTIBODIES AND THEIR USE IN THE TREATMENT, PREVENTION AND DIAGNOSIS OF A DISEASE ASSOCIATED WITH SOD1 ABNORMALITIES	20/11/14	8	981	100%	20	40,13999939
US 2014 0348822 A1	Methods and Compositions to Treat and Detect Misfolded-SOD1 Mediated Diseases	27/11/14	18	981	100%	20	40,13999939
US 2016 0130660 A1	COMPOSITIONS AND METHODS FOR MULTIMODAL ANALYSIS OF CMET NUCLEIC ACIDS	12/05/16	87	981	100%	20	40,13999939
US 2017 0009301 A1	METHOD FOR DIAGNOSING HEMATOLOGICAL DISORDERS	12/01/17	12	981	100%	20	40,13999939
US 2017 0037410 A1	COMPOSITIONS FOR MODULATING SOD-1 EXPRESSION	09/02/17	1	981	100%	20	40,13999939
US 2017 0314028 A1	MODULATORY POLYNUCLEOTIDES	02/11/17	15	981	100%	20	40,13999939
US 2017 0327896 A1	HEMOPATHY PROGNOSIS METHOD	16/11/17	2	981	100%	20	40,13999939
US 7887803 B2	Methods and compositions to treat misfolded-SOD1 mediated diseases	15/02/11	18	981	100%	20	40,13999939
US 7951784 B2	RNA interference agents for therapeutic use	31/05/11	11	981	100%	20	40,13999939
US 7977314 B2	Methods and compositions to treat and detect misfolded-SOD1 mediated diseases	12/07/11	18	981	100%	20	40,13999939
US 8173614 B2	Therapeutic compositions comprising an RNAi agent and a neurotrophic factor and methods of use thereof	08/05/12	23	981	100%	20	40,13999939
US 8173861 B2	Transgenic pig model for a hereditary neurodegenerative autosomal dominant disease	08/05/12	1	981	100%	20	40,13999939
US 8183219 B2	Therapeutic compositions comprising an RNAi agent and a neurotrophic factor and methods of use thereof	22/05/12	23	981	100%	20	40,13999939
US 8242076 B2	Polypeptides, matrices, hydrogels and methods of using same for tissue regeneration and repair	14/08/12	5	981	100%	20	40,13999939
US 8207138 B2	Methods and devices for improved efficiency of RNA delivery to cells	26/06/12	499	981	100%	20	40,13999939
US 8709422 B2	Methods and compositions to treat and detect misfolded-SOD1 mediated diseases	29/04/14	18	981	100%	20	40,13999939
US 8759029 B2	Antibodies and their use in the treatment, prevention and diagnosis of a disease associated with SOD1 abnormalities	24/06/14	8	981	100%	20	40,13999939
US 8778885 B2	Methods and compositions to treat and detect misfolded-SOD1 mediated diseases	15/07/14	18	981	100%	20	40,13999939
US 9266963 B2	Antibodies and their use in the treatment, prevention and diagnosis of a disease associated with SOD1 abnormalities	23/02/16	8	981	100%	20	40,13999939
US 9493836 B2	Method for diagnosing hematological disorders	15/11/16	12	981	100%	20	40,13999939
US 9637552 B2	Methods and compositions to treat and detect misfolded-SOD1 mediated diseases	02/05/17	18	981	100%	20	40,13999939
US 9802992 B2	Cell into which protein, which can serve as polymerization nucleus of protein polymer, or polymer thereof is introduced, and method for production of the cell	31/10/17	5	981	100%	20	40,13999939
JP 2017513469 A	S O D - 1 発現を調節するための組成物	01/06/17	1	981	100%	20	40,13999939

WO 2011 072091 A1	METHODS AND COMPOSITIONS FOR TREATING DISEASES, DISORDERS OR INJURY OF THE CNS	16/06/11	12	981	100%	20	40,13999939
JP 2008518610 A		05/06/08	283776	981	100%	20	40,13999939
JP 2008518610 A		05/06/08	393559	981	100%	20	40,13999939
JP 2008518610 A		05/06/08	115143	981	100%	20	40,13999939
JP 2009524430 A		02/07/09	11	981	100%	20	40,13999939
EP 3173489 A1	ASSESSMENT OF CELLULAR SIGNALING PATHWAY ACTIVITY USING PROBABILISTIC MODELING OF TARGET GENE EXPRESSION	31/05/17	205	981	100%	20	40,13999939
EP 3126499 A2	COMPOSITIONS FOR MODULATING SOD-1 EXPRESSION	08/02/17	1	981	100%	20	40,13999939
WO 2016 083742 A1	HEMOPATHY PROGNOSIS METHOD	02/06/16	2	981	100%	20	40,13999939
WO 2016 062893 A1	MEDICAL PROGNOSIS AND PREDICTION OF TREATMENT RESPONSE USING MULTIPLE CELLULAR SIGNALING PATHWAY ACTIVITIES	28/04/16	153	981	100%	20	40,13999939
WO 2016 062892 A1	MEDICAL PROGNOSIS AND PREDICTION OF TREATMENT RESPONSE USING MULTIPLE CELLULAR SIGNALING PATHWAY ACTIVITIES	28/04/16	130	981	100%	20	40,13999939
WO 2014 102668 A2	ASSESSMENT OF CELLULAR SIGNALING PATHWAY ACTIVITY USING LINEAR COMBINATION(S) OF TARGET GENE EXPRESSIONS;	03/07/14	205	981	100%	20	40,13999939
WO 2014 053038 A2	PLANT LIPID COMPOSITION FOR MODULATING FUNCTIONS OF KERATINOUS MATERIALS, METHOD FOR MODULATING SAID FUNCTIONS AND USE OF SAID PLANT LIPIDS	10/04/14	181	981	100%	20	40,13999939
EP 2432477 B1	DEVICES FOR IMPROVED EFFICIENCY OF RNA DELIVERY TO CELLS	02/12/15	499	981	100%	20	40,13999939
WO 2012 085188 A1	METHOD FOR DIAGNOSING HEMATOLOGICAL DISORDERS	28/06/12	12	981	100%	20	40,13999939
WO 2013 011479 A2	ASSESSMENT OF CELLULAR SIGNALING PATHWAY ACTIVITY USING PROBABILISTIC MODELING OF TARGET GENE EXPRESSION	24/01/13	205	981	100%	20	40,13999939
EP 2377940 A1	An animal model and a method for producing an animal model	19/10/11	1	981	100%	20	40,13999939
EP 2377941 A1	An animal model and a method for producing an animal model	19/10/11	1	981	100%	20	40,13999939
EP 2402449 A2	An animal model and a method for producing an animal model	04/01/12	1	981	100%	20	40,13999939
EP 2495327 B1	Methods and compositions to treat and detect misfolded-SOD1 mediated diseases	28/09/16	18	981	100%	20	40,13999939
EP 2502999 A2	Methods and compositions to treat and detect misfolded-SOD1 mediated diseases	26/09/12	18	981	100%	20	40,13999939