

Lista de secuencias

1	Información sobre la lista de secuencias	
1-1	Nombre del fichero	BIOL0471SEQ.xml
1-2	Versión de la DTD	V1_3
1-3	Nombre del software	WIPO Sequence
1-4	Versión del software	2.3.0
1-5	Fecha de producción	2024-02-01
2	Información general	
2-4	Solicitud actual: Referencia al expediente del solicitante	BIOL0471SEQ
2-5	Solicitud de prioridad más antigua: Oficina de PI	US
2-6	Solicitud de prioridad más antigua: Número de solicitud	63/485,850
2-7	Solicitud de prioridad más antigua: Fecha de presentación	2023-02-17
2-8en	Nombre del solicitante	Ionis Pharmaceuticals, Inc.
2-10en	Título de la invención	COMPUESTOS SELECTIVOS DE ALELO Y MÉTODOS PARA MODULAR LA EXPRESIÓN DE HUNTINGTINA
2-11	Número total de secuencias	28
3-1	Secuencias	
3-1-1	Identificador de la secuencia	1
3-1-2	Tipo de molécula	DNA
3-1-3	Extensión	202001

3-1-4-1 Características Localización/Calificadores

source 1..202001

mol_type = genomic DNA

organism = Homo sapiens

3-1-5 Residuos

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3-3-2	Tipo de molécula	DNA
3-3-3	Extensión	20
3-3-4-1	Características Localización/Calificadores	source 1..20 mol_type = other DNA

organism = synthetic construct

3-3-5 Residuos

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3-4 Secuencias

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3-4-2 Tipo de molécula DNA

3-4-3 Extensión 20

3-4-4-1 Características Localización/Calificadores source 1..20

mol_type = other DNA

organism = synthetic construct

3-4-5 Residuos

caagcttccc gttctcagcc20

3-5 Secuencias

3-5-1 Identificador de la secuencia 5

3-5-2 Tipo de molécula DNA

3-5-3 Extensión 20

3-5-4-1 Características Localización/Calificadores source 1..20

mol_type = other DNA

organism = synthetic construct

3-5-5 Residuos

cactgcccc tttgtcata20

3-6

Secuencias

3-6-1

Identificador de la secuencia

6

3-6-2

Tipo de molécula

DNA

3-6-3

Extensión

19

3-6-4-1

Características Localización/Calificadores

source 1..19

mol_type = other DNA

organism = synthetic construct

3-6-5

Residuos

gagcaaaacc agccatcga19

3-7

Secuencias

3-7-1

Identificador de la secuencia

7

3-7-2

Tipo de molécula

DNA

3-7-3

Extensión

20

3-7-4-1

Características Localización/Calificadores

source 1..20

mol_type = other DNA

organism = synthetic construct

3-7-5

Residuos

tccgttttt gatggcagca20

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3-8-3	Extensión	20
3-8-4-1	Características Localización/Calificadores	source 1..20 mol_type = other DNA organism = synthetic construct
3-8-5	Residuos	
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3-9	Secuencias	
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3-9-2	Tipo de molécula	DNA
3-9-3	Extensión	23
3-9-4-1	Características Localización/Calificadores	source 1..23 mol_type = other DNA organism = synthetic construct
3-9-5	Residuos	
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3-10-2	Tipo de molécula	DNA
3-10-3	Extensión	29
3-10-4-1	Características Localización/Calificadores	source 1..29 mol_type = other DNA organism = synthetic construct
3-10-5	Residuos	
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3-11-2	Tipo de molécula	DNA
3-11-3	Extensión	15
3-11-4-1	Características Localización/Calificadores	source 1..15 mol_type = other DNA organism = synthetic construct
3-11-5	Residuos	
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3-12	Secuencias	
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3-12-2	Tipo de molécula	DNA
3-12-3	Extensión	17

3-12-4-1	Características Localización/Calificadores	source 1..17
		mol_type = other DNA
		organism = synthetic construct

3-12-5	Residuos
	atcgccgtg atgtcga17

3-13	Secuencias	
3-13-1	Identificador de la secuencia	13
3-13-2	Tipo de molécula	DNA
3-13-3	Extensión	23
3-13-4-1	Características Localización/Calificadores	source 1..23
		mol_type = other DNA
		organism = synthetic construct

3-13-5	Residuos
	ccatggtcaa cccaccgtg ttc23

3-14	Secuencias	
3-14-1	Identificador de la secuencia	14
3-14-2	Tipo de molécula	DNA
3-14-3	Extensión	17
3-14-4-1	Características Localización/Calificadores	source 1..17
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organism = synthetic construct

3-14-5 Residuos

attgtcatca ccagaaa17

3-15 Secuencias

3-15-1 Identificador de la secuencia 15

3-15-2 Tipo de molécula DNA

3-15-3 Extensión 15

3-15-4-1 Características Localización/Calificadores source 1..15

mol_type = other DNA

organism = synthetic construct

3-15-5 Residuos

ttgtcatcac cagaa15

3-16 Secuencias

3-16-1 Identificador de la secuencia 16

3-16-2 Tipo de molécula DNA

3-16-3 Extensión 20

3-16-4-1 Características Localización/Calificadores source 1..20

mol_type = other DNA

organism = synthetic construct

3-16-5 Residuos

ctcagtaaca ttgacaccac20

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3-18-4-1	Características Localización/Calificadores	source 1..17 mol_type = other DNA organism = synthetic construct
3-18-5	Residuos	
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3-19	Secuencias	
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3-19-2	Tipo de molécula	DNA
3-19-3	Extensión	17
3-19-4-1	Características Localización/Calificadores	source 1..17 mol_type = other DNA organism = synthetic construct
3-19-4-2	Características Localización/Calificadores	modified_base 2 mod_base = OTHER note = uracil
3-19-5	Residuos	
	ttgtcatcac cagaaaa17	

3-20	Secuencias	
3-20-1	Identificador de la secuencia	20
3-20-2	Tipo de molécula	DNA
3-20-3	Extensión	17
3-20-4-1	Características Localización/Calificadores	source 1..17 mol_type = other DNA organism = synthetic construct
3-20-4-2	Características Localización/Calificadores	modified_base 3 mod_base = OTHER

		note = uracil
3-20-5	Residuos attgtcatca ccagaaa17	
3-21	Secuencias	
3-21-1	Identificador de la secuencia	21
3-21-2	Tipo de molécula	DNA
3-21-3	Extensión	16
3-21-4-1	Características Localización/Calificadores	source 1..16 mol_type = other DNA organism = synthetic construct
3-21-5	Residuos attgtcatca ccagaa16	
3-22	Secuencias	
3-22-1	Identificador de la secuencia	22
3-22-2	Tipo de molécula	DNA
3-22-3	Extensión	15
3-22-4-1	Características Localización/Calificadores	source 1..15 mol_type = other DNA organism = synthetic construct
3-22-4-2	Características Localización/Calificadores	modified_base 2

			mod_base = OTHER
			note = uracil
3-22-5	Residuos		
	ttgtcatcac cagaa15		
3-23	Secuencias		
3-23-1	Identificador de la secuencia	23	
3-23-2	Tipo de molécula	DNA	
3-23-3	Extensión	16	
3-23-4-1	Características Localización/Calificadores	source 1..16	
		mol_type = other DNA	
		organism = synthetic construct	
3-23-4-2	Características Localización/Calificadores	modified_base 3	
		mod_base = OTHER	
		note = uracil	
3-23-5	Residuos		
	attgtcatca ccagaa16		
3-24	Secuencias		
3-24-1	Identificador de la secuencia	24	
3-24-2	Tipo de molécula	DNA	
3-24-3	Extensión	16	

3-24-4-1 Características Localización/Calificadores

source 1..16

mol_type = other DNA

organism = synthetic construct

3-24-5 Residuos

ataaattgtc atcacc16

3-25 Secuencias

3-25-1 Identificador de la secuencia

25

3-25-2 Tipo de molécula

DNA

3-25-3 Extensión

17

3-25-4-1 Características Localización/Calificadores

source 1..17

mol_type = other DNA

organism = synthetic construct

3-25-4-2 Características Localización/Calificadores

modified_base 1

mod_base = OTHER

note = 2'-O-methoxyethyl adenosine 3'-phosphorothioate

3-25-4-3 Características Localización/Calificadores

modified_base 2

mod_base = OTHER

note = constrained ethyl thymidine 3'-phosphorothioate

3-25-4-4 Características Localización/Calificadores

modified_base 3

mod_base = OTHER

note = 2'-deoxythymidine 3'-mesyl phosphoramidate

3-25-4-5	Características Localización/Calificadores	modified_base 4 mod_base = OTHER note = 2'-deoxyguanosine 3'-mesyl phosphoramidate
3-25-4-6	Características Localización/Calificadores	modified_base 5 mod_base = OTHER note = 2'-deoxythymidine 3'-phosphorothioate
3-25-4-7	Características Localización/Calificadores	modified_base 6 mod_base = OTHER note = 5-methyl-2'-deoxycytidine 3'-phosphorothioate
3-25-4-8	Características Localización/Calificadores	modified_base 7 mod_base = OTHER note = 2'-deoxyadenosine 3'-phosphorothioate
3-25-4-9	Características Localización/Calificadores	modified_base 8 mod_base = OTHER note = 2'-deoxythymidine 3'-phosphorothioate
3-25-4-10	Características Localización/Calificadores	modified_base 9 mod_base = OTHER note = 5-methyl-2'-deoxycytidine 3'-phosphorothioate
3-25-4-11	Características Localización/Calificadores	modified_base 10 mod_base = OTHER note = 2'-deoxyadenosine 3'-phosphorothioate
3-25-4-12	Características Localización/Calificadores	modified_base 11..12

3-25-4-13	Características Localización/Calificadores	mod_base = OTHER
		note = 2'-O-methoxyethyl 5-methylcytidine 3'-phosphorothioate
		modified_base 13
		mod_base = OTHER
		note = 2'-O-methoxyethyl adenosine 3'-phosphorothioate
3-25-4-14	Características Localización/Calificadores	modified_base 14
		mod_base = OTHER
		note = constrained ethyl guanosine 3'-phosphodiester
3-25-4-15	Características Localización/Calificadores	modified_base 15
		mod_base = OTHER
		note = 2'-O-methoxyethyl adenosine 3'-phosphorothioate
3-25-4-16	Características Localización/Calificadores	modified_base 16
		mod_base = OTHER
		note = constrained ethyl adenosine 3'-phosphorothioate
3-25-4-17	Características Localización/Calificadores	modified_base 17
		mod_base = OTHER
		note = 2'-O-methoxyethyl adenosine
3-25-5	Residuos	
	attgtcatca ccagaaa17	

3-26 Secuencias

3-26-1 Identificador de la secuencia

3-26-2	Tipo de molécula	DNA
3-26-3	Extensión	17
3-26-4-1	Características Localización/Calificadores	source 1..17 mol_type = other DNA organism = synthetic construct
3-26-4-2	Características Localización/Calificadores	modified_base 1 mod_base = OTHER note = 2'-O-methoxyethyl adenosine 3'-phosphorothioate
3-26-4-3	Características Localización/Calificadores	modified_base 2 mod_base = OTHER note = constrained ethyl thymidine 3'-phosphorothioate
3-26-4-4	Características Localización/Calificadores	modified_base 3 mod_base = OTHER note = 2'-deoxythymidine 3'-phosphorothioate
3-26-4-5	Características Localización/Calificadores	modified_base 4 mod_base = OTHER note = 2'-deoxyguanosine 3'-phosphorothioate
3-26-4-6	Características Localización/Calificadores	modified_base 5 mod_base = OTHER note = 2'-deoxythymidine 3'-phosphorothioate
3-26-4-7	Características Localización/Calificadores	modified_base 6 mod_base = OTHER

3-26-4-8	Características Localización/Calificadores	note = 5-methyl-2'-deoxycytidine 3'-phosphorothioate modified_base 7 mod_base = OTHER
3-26-4-9	Características Localización/Calificadores	note = 2'-deoxyadenosine 3'-phosphorothioate modified_base 8 mod_base = OTHER
3-26-4-10	Características Localización/Calificadores	note = 2'-deoxythymidine 3'-phosphorothioate modified_base 9 mod_base = OTHER
3-26-4-11	Características Localización/Calificadores	note = 5-methyl-2'-deoxycytidine 3'-phosphorothioate modified_base 10 mod_base = OTHER
3-26-4-12	Características Localización/Calificadores	note = 2'-deoxyadenosine 3'-phosphorothioate modified_base 11 mod_base = OTHER
3-26-4-13	Características Localización/Calificadores	note = 2'-O-methoxyethyl 5-methylcytidine 3'-phosphorothioate modified_base 12 mod_base = OTHER
3-26-4-14	Características Localización/Calificadores	note = 2'-O-methoxyethyl 5-methylcytidine 3'-mesyl phosphoramidate modified_base 13 mod_base = OTHER
		note = 2'-O-methoxyethyl adenosine 3'-mesyl phosphoramidate

3-26-4-15	Características Localización/Calificadores	modified_base 14 mod_base = OTHER note = constrained ethyl guanosine 3'-mesyl phosphoramidate
3-26-4-16	Características Localización/Calificadores	modified_base 15 mod_base = OTHER note = 2'-O-methoxyethyl adenosine 3'-phosphorothioate
3-26-4-17	Características Localización/Calificadores	modified_base 16 mod_base = OTHER note = constrained ethyl adenosine 3'-phosphorothioate
3-26-4-18	Características Localización/Calificadores	modified_base 17 mod_base = OTHER note = 2'-O-methoxyethyl adenosine
3-26-5	Residuos attgtcatca ccagaaa17	
3-27	Secuencias	
3-27-1	Identificador de la secuencia	27
3-27-2	Tipo de molécula	DNA
3-27-3	Extensión	17
3-27-4-1	Características Localización/Calificadores	source 1..17 mol_type = other DNA organism = synthetic construct

3-27-4-2	Características Localización/Calificadores	modified_base 2 mod_base = OTHER note = constrained ethyl thymidine 3'-phosphorothioate
3-27-4-3	Características Localización/Calificadores	modified_base 3 mod_base = OTHER note = 2'-deoxythymidine 3'-mesyl phosphoramidate
3-27-4-4	Características Localización/Calificadores	modified_base 4 mod_base = OTHER note = 2'-deoxyguanosine 3'-mesyl phosphoramidate
3-27-4-5	Características Localización/Calificadores	modified_base 5 mod_base = OTHER note = 2'-deoxythymidine 3'-phosphorothioate
3-27-4-6	Características Localización/Calificadores	modified_base 6 mod_base = OTHER note = 5-methyl-2'-deoxycytidine 3'-phosphorothioate
3-27-4-7	Características Localización/Calificadores	modified_base 7 mod_base = OTHER note = 2'-deoxyadenosine 3'-phosphorothioate
3-27-4-8	Características Localización/Calificadores	modified_base 8 mod_base = OTHER note = 2'-deoxythymidine 3'-phosphorothioate
3-27-4-9	Características Localización/Calificadores	modified_base 9

3-27-4-10	Características Localización/Calificadores	mod_base = OTHER note = 5-methyl-2'-deoxycytidine 3'-phosphorothioate modified_base 10 mod_base = OTHER note = 2'-deoxyadenosine 3'-phosphorothioate
3-27-4-11	Características Localización/Calificadores	modified_base 11..12 mod_base = OTHER note = 2'-O-methoxyethyl 5-methylcytidine 3'-phosphorothioate
3-27-4-12	Características Localización/Calificadores	modified_base 13 mod_base = OTHER note = 2'-O-methoxyethyl adenosine 3'-phosphorothioate
3-27-4-13	Características Localización/Calificadores	modified_base 14 mod_base = OTHER note = constrained ethyl guanosine 3'-phosphodiester
3-27-4-14	Características Localización/Calificadores	modified_base 15 mod_base = OTHER note = 2'-O-methoxyethyl adenosine 3'-phosphorothioate
3-27-4-15	Características Localización/Calificadores	modified_base 16 mod_base = OTHER note = constrained ethyl adenosine 3'-phosphorothioate
3-27-4-16	Características Localización/Calificadores	modified_base 1 mod_base = OTHER

3-27-4-17	Características Localización/Calificadores	note = 2'-O-methoxyethyl-3'-phosphorothioate modified nucleotide wherein the nucleobase is adenine, modified adenine, hypoxanthine, or abasic; or the nucleotide is absent; or is a terminal group modified_base 17 mod_base = OTHER note = 2'-O-methoxyethyl modified nucleoside wherein the nucleobase is adenine, modified adenine, hypoxanthine, or abasic; or the nucleoside is absent; or is a terminal group
3-27-5	Residuos	nttgtcatca ccagaan17
3-28	Secuencias	
3-28-1	Identificador de la secuencia	28
3-28-2	Tipo de molécula	DNA
3-28-3	Extensión	17
3-28-4-1	Características Localización/Calificadores	source 1..17 mol_type = other DNA organism = synthetic construct
3-28-4-2	Características Localización/Calificadores	modified_base 2 mod_base = OTHER note = constrained ethyl thymidine 3'-phosphorothioate
3-28-4-3	Características Localización/Calificadores	modified_base 3 mod_base = OTHER note = 2'-deoxythymidine 3'-phosphorothioate

3-28-4-4	Características Localización/Calificadores	modified_base 4 mod_base = OTHER note = 2'-deoxyguanosine 3'-phosphorothioate
3-28-4-5	Características Localización/Calificadores	modified_base 5 mod_base = OTHER note = 2'-deoxythymidine 3'-phosphorothioate
3-28-4-6	Características Localización/Calificadores	modified_base 6 mod_base = OTHER note = 5-methyl-2'-deoxycytidine 3'-phosphorothioate
3-28-4-7	Características Localización/Calificadores	modified_base 7 mod_base = OTHER note = 2'-deoxyadenosine 3'-phosphorothioate
3-28-4-8	Características Localización/Calificadores	modified_base 8 mod_base = OTHER note = 2'-deoxythymidine 3'-phosphorothioate
3-28-4-9	Características Localización/Calificadores	modified_base 9 mod_base = OTHER note = 5-methyl-2'-deoxycytidine 3'-phosphorothioate
3-28-4-10	Características Localización/Calificadores	modified_base 10 mod_base = OTHER note = 2'-deoxyadenosine 3'-phosphorothioate
3-28-4-11	Características Localización/Calificadores	modified_base 11

3-28-4-12	Características Localización/Calificadores	mod_base = OTHER note = 2'-O-methoxyethyl 5-methylcytidine 3'-phosphorothioate modified_base 12 mod_base = OTHER note = 2'-O-methoxyethyl 5-methylcytidine 3'-mesyl phosphoramidate
3-28-4-13	Características Localización/Calificadores	modified_base 13 mod_base = OTHER note = 2'-O-methoxyethyl adenosine 3'-mesyl phosphoramidate
3-28-4-14	Características Localización/Calificadores	modified_base 14 mod_base = OTHER note = constrained ethyl guanosine 3'-mesyl phosphoramidate
3-28-4-15	Características Localización/Calificadores	modified_base 15 mod_base = OTHER note = 2'-O-methoxyethyl adenosine 3'-phosphorothioate
3-28-4-16	Características Localización/Calificadores	modified_base 16 mod_base = OTHER note = constrained ethyl adenosine 3'-phosphorothioate
3-28-4-17	Características Localización/Calificadores	modified_base 1 mod_base = OTHER note = 2'-O-methoxyethyl-3'-phosphorothioate modified nucleotide wherein the nucleobase is adenine, modified adenine, hypoxanthine, or abasic; or the nucleotide is absent; or is a terminal group
3-28-4-18	Características Localización/Calificadores	modified_base 17

mod_base = OTHER

note = 2'-O-methoxyethyl modified nucleoside wherein the nucleobase is adenine, modified adenine, hypoxanthine, or abasic; or the nucleoside is absent; or is a terminal group

3-28-5

Residuos

ntgtcatca ccagaa