
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 6-K

Report of Foreign Private Issuer
Pursuant to Rule 13a -16 or 15d -16 of
the Securities Exchange Act of 1934

Report on Form 6-K dated December 20, 2022
(Commission File No. 1-13202)

Nokia Corporation
Karakaari 7A
FI-02610 Espoo
Finland

(Name and address of registrant's principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F:

Form 20-F: ☒ **Form 40-F:** ☐

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Yes: ☐ **No:** ☒

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Yes: ☐ **No:** ☒

Indicate by check mark whether the registrant by furnishing the information contained in this form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes: ☐ **No:** ☒

Enclosures:

- Notification under Chapter 9, Section 10 of the Finnish Securities Market Act: holdings of The Goldman Sachs Group, Inc. in Nokia Corporation decreased below 5%
 - Annex: Annexure
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20 December 2022

Notification under Chapter 9, Section 10 of the Finnish Securities Market Act: holdings of The Goldman Sachs Group, Inc. in Nokia Corporation decreased below 5%

Nokia Corporation
Stock Exchange Release
20 December 2022 at 15.30 EET

Notification under Chapter 9, Section 10 of the Finnish Securities Market Act: holdings of The Goldman Sachs Group, Inc. in Nokia Corporation decreased below 5%

According to a notification received under Chapter 9, Section 5 of the Finnish Securities Market Act (FSMA) by Nokia Corporation, the direct and indirect holdings of The Goldman Sachs Group, Inc. in Nokia have on 16 December 2022 decreased below 5% of the total number of shares and voting rights of Nokia.

According to the notification received by Nokia, the holdings of The Goldman Sachs Group, Inc. in Nokia on 16 December 2022, directly and through its controlled undertakings and funds was equivalent to a total of 228,449,661 shares, corresponding to approximately 4.06% of the total number of shares and voting rights of Nokia. On 16 December 2022 the share stock of Nokia consisted of 5,632,297,576 shares, each entitling to one vote.

The ownership position of The Goldman Sachs Group, Inc. and its controlled undertakings and funds according to the notification:

	% of shares and voting rights (Total of A)	% of shares and voting rights through financial instruments (Total of B)	Total % of shares and voting rights (A+B)
Proportion after reaching or exceeding the flagging threshold	0.25%	3.81%	4.06%
Position of previous notification (if applicable)	0.20%	5.02%	5.22%

Details of the ownership position on the date on which the threshold was reached or exceeded:

A: Shares and voting rights

20 December 2022

Share class/type (ISIN)	Number of shares and voting rights		% of shares and voting rights	
	Direct (FSMA 9:5)	Indirect (FSMA 9:6 and 9:7)	Direct (FSMA 9:5)	Indirect (FSMA 9:6 and 9:7)
NOKIA (FI0009000681)		8,825,942		0.16%
Nokia ADR (US6549022043)		5,235,733		0.09%
Total of A		14,061,675		0.25%

B: Financial instruments referred to in Chapter 9 Section 6a of the FSMA:

Type of financial instrument	Expiration date	Exercise period	Settlement	Number of shares and voting rights	% of shares and voting rights
Per appendix					
Total of B				214,387,986	3.81%

Full chain of controlled undertakings through which shares, voting rights and financial instruments are held:

Name	% of shares and voting rights	% of shares and voting rights through financial instruments	Total
The Goldman Sachs Group, Inc.			
Goldman Sachs (UK) L.L.C.			
Goldman Sachs Group UK Limited			
Goldman Sachs International			
The Goldman Sachs Group, Inc.			
GSAM Holdings LLC			
Goldman Sachs Asset Management, L.P.			
Goldman Sachs Asset Management International Holdings L.L.C.			
Goldman Sachs Asset Management Co., Ltd.			

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The Goldman Sachs Group, Inc.

Goldman Sachs & Co. LLC

The Goldman Sachs Group, Inc.

Goldman Sachs Bank USA

Goldman Sachs Bank Europe SE

The Goldman Sachs Group, Inc.

IMD Holdings LLC

United Capital Financial Partners, Inc.

United Capital Financial Advisers, LLC

The Goldman Sachs Group, Inc.

Folio Financial, Inc.

Folio Investments Inc.

The Goldman Sachs Group, Inc.

The Goldman Sachs Trust Company, National Association

The Goldman Sachs Trust Company of Delaware

The Goldman Sachs Group, Inc.

GS Finance Corp.

The Goldman Sachs Group, Inc.

Goldman Sachs (UK) L.L.C.

Goldman Sachs Group UK Limited

Goldman Sachs International Bank

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The Goldman Sachs Group, Inc.
GS Global Markets, Inc.
Goldman Sachs Finance Corp International Ltd

The Goldman Sachs Group, Inc.
Murray Street Corporation
Sphere Fundo de Investimento Multimercado - Investimento no Exterior Credito Privado
Sphere Fund

The Goldman Sachs Group, Inc.
Goldman Sachs Do Brasil Banco Multiplo S/A

The Goldman Sachs Group, Inc.
GSAM Holdings LLC
NNIP Holdings LLC
NNIP UK Holdings I Ltd
NNIP UK Holdings II Ltd
NNIP Holdings I B.V. / NNIP Holdings II B.V.
NN Investment Partners Holdings B.V.

The Goldman Sachs Group, Inc.
GSAM Holdings LLC
GSAMI Holdings I Ltd
GSAMI Holdings II Ltd

About Nokia

At Nokia, we create technology that helps the world act together.

As a trusted partner for critical networks, we are committed to innovation and technology leadership across mobile, fixed and cloud networks. We create value with intellectual property and long-term research, led by the award-winning Nokia Bell Labs.

Adhering to high standards of integrity and security, we help build the capabilities needed for a more productive, sustainable and inclusive world.

20 December 2022

Media Enquiries:

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Annexure

B: Financial Instruments according to SMA 9:6a

Type of financial instrument	Expiration date ^x	Exercise/Conversion period ^{xi}	Physical or cash settlement ^{xii}	Number of voting rights	% of voting rights
Securities Lending	Open		Physical	5,147,584	0.09%
Future	17/03/2023		Cash	22,246,562	0.39%
Future	16/12/2022		Cash	7,535,310	0.13%
Future	16/12/2022		Cash	6,081,941	0.11%
Future	17/03/2023		Cash	5,927,632	0.11%
Future	14/12/2023		Cash	3,077,367	0.05%
Future	17/03/2023		Cash	2,656,100	0.05%
Future	18/12/2025		Cash	2,396,914	0.04%
Future	14/12/2023		Cash	2,213,905	0.04%
Future	14/12/2023		Cash	2,185,713	0.04%
Put Option	15/12/2023		Physical	2,000,000	0.04%
Swap	22/11/2032		Cash	1,999,085	0.04%
Future	17/03/2023		Cash	1,998,755	0.04%
Call Option	15/12/2023		Cash	1,845,289	0.03%
Future	16/12/2022		Cash	1,812,073	0.03%
Future	16/12/2022		Cash	1,753,451	0.03%
Future	14/12/2023		Cash	1,681,538	0.03%
Put Option	20/12/2024		Physical	1,500,000	0.03%
Future	16/06/2023		Cash	1,431,305	0.03%
Put Option	17/03/2023		Cash	1,364,299	0.02%
Swap	22/11/2032		Cash	1,199,149	0.02%
Future	17/03/2023		Cash	1,161,585	0.02%
Put Option	20/01/2023		Cash	1,152,101	0.02%
Future	19/12/2024		Cash	1,121,889	0.02%
Future	17/03/2023		Cash	1,100,862	0.02%
Put Option	15/12/2023		Physical	1,100,000	0.02%
Call Option	15/12/2023		Cash	1,085,166	0.02%
Future	14/12/2023		Cash	1,073,322	0.02%
Put Option	16/06/2023		Cash	1,021,243	0.02%
Swap	03/11/2025		Cash	1,004,518	0.02%
Future	17/03/2023		Cash	1,001,177	0.02%
Put Option	16/12/2022		Physical	1,000,000	0.02%
Call Option	15/12/2023		Cash	968,055	0.02%
Future	16/12/2027		Cash	930,510	0.02%
Call Option	17/03/2023		Cash	905,180	0.02%
Future	18/12/2025		Cash	855,293	0.02%
Swap	03/11/2025		Cash	824,604	0.01%
Put Option	20/01/2023		Cash	819,114	0.01%
Future	20/12/2029		Cash	740,698	0.01%
Put Option	16/06/2023		Cash	739,728	0.01%
Put Option	20/01/2023		Cash	686,845	0.01%
Call Option	15/12/2023		Cash	654,991	0.01%
Swap	16/12/2025		Cash	653,428	0.01%
Call Option	16/06/2023		Cash	618,912	0.01%
Call Option	20/12/2024		Cash	617,710	0.01%
Call Option	20/01/2023		Cash	613,199	0.01%
Swap	22/11/2032		Cash	606,672	0.01%
Put Option	15/12/2023		Cash	590,243	0.01%
Call Option	17/03/2023		Cash	579,077	0.01%
Future	19/12/2024		Cash	572,860	0.01%

Put Option	15/12/2023	Cash	558,693	0.01%
Call Option	15/12/2023	Cash	531,617	0.01%
Call Option	16/06/2023	Cash	528,839	0.01%
Call Option	15/12/2023	Cash	523,341	0.01%
Call Option	15/12/2023	Cash	520,972	0.01%
Call Option	17/03/2023	Cash	515,708	0.01%
Swap	23/02/2023	Cash	503,145	0.01%
Future	19/12/2024	Cash	501,252	0.01%
Future	17/12/2026	Cash	485,843	0.01%
Future	16/12/2022	Cash	483,860	0.01%
Call Option	16/06/2023	Cash	472,225	0.01%
Put Option	17/03/2023	Cash	455,977	0.01%
Call Option	15/12/2023	Cash	451,072	0.01%
Call Option	17/03/2023	Cash	446,643	0.01%
Call Option	15/12/2023	Cash	428,394	0.01%
Call Option	15/12/2023	Cash	422,530	0.01%
Swap	25/10/2032	Cash	415,895	0.01%
Call Option	17/03/2023	Cash	409,942	0.01%
Future	14/12/2028	Cash	403,302	0.01%
Future	19/12/2024	Cash	401,288	0.01%
Put Option	20/12/2024	Physical	400,000	0.01%
Put Option	16/12/2022	Physical	400,000	0.01%
Call Option	20/12/2024	Cash	396,747	0.01%
Put Option	15/12/2023	Cash	393,687	0.01%
Put Option	15/12/2023	Cash	392,104	0.01%
Call Option	15/12/2023	Cash	388,499	0.01%
Call Option	20/12/2024	Cash	383,643	0.01%
Put Option	16/06/2023	Cash	378,533	0.01%
Future	16/12/2022	Cash	377,411	0.01%
Future	16/12/2022	Cash	367,790	0.01%
Put Option	15/12/2023	Cash	365,903	0.01%
Future	16/12/2022	Cash	364,651	0.01%
Call Option	16/12/2022	Cash	363,689	0.01%
Future	14/12/2023	Cash	357,774	0.01%
Call Option	15/12/2023	Cash	354,922	0.01%
Call Option	15/12/2023	Cash	354,533	0.01%
Future	16/12/2022	Cash	352,697	0.01%
Call Option	20/12/2024	Cash	347,457	0.01%
Put Option	17/03/2023	Cash	339,867	0.01%
Call Option	15/12/2023	Cash	335,758	0.01%
Call Option	15/12/2023	Cash	326,766	0.01%
Call Option	20/12/2024	Cash	321,488	0.01%
Call Option	20/12/2024	Cash	319,485	0.01%
Future	17/03/2023	Cash	313,215	0.01%
Call Option	20/12/2024	Cash	310,568	0.01%
Call Option	15/12/2023	Cash	303,385	0.01%
Call Option	17/03/2023	Cash	301,135	0.01%
Call Option	17/03/2023	Cash	294,205	0.01%
Put Option	16/12/2022	Cash	286,703	0.01%
Call Option	15/12/2023	Cash	283,797	0.01%
Call Option	09/09/2026	Cash	282,305	0.01%
Put Option	16/06/2023	Cash	280,446	0.005%
Future	16/12/2022	Cash	279,764	0.005%
Call Option	17/03/2023	Cash	279,122	0.005%
Put Option	20/12/2024	Cash	278,152	0.005%

Call Option	15/12/2023	Cash	276,801	0.005%
Put Option	15/12/2023	Cash	275,878	0.005%
Call Option	20/12/2024	Cash	275,658	0.005%
Call Option	20/12/2024	Cash	269,945	0.005%
Put Option	17/03/2023	Cash	269,755	0.005%
Swap	17/02/2023	Cash	266,089	0.005%
Call Option	15/12/2023	Cash	265,802	0.005%
Call Option	20/12/2024	Cash	264,505	0.005%
Put Option	15/12/2023	Cash	262,154	0.005%
Call Option	15/12/2023	Cash	261,671	0.005%
Swap	21/10/2032	Cash	260,351	0.005%
Put Option	20/12/2024	Cash	259,055	0.005%
Put Option	20/01/2023	Cash	257,154	0.005%
Call Option	20/12/2024	Cash	256,940	0.005%
Call Option	20/12/2024	Cash	254,631	0.005%
Call Option	17/03/2023	Cash	254,164	0.005%
Future	17/12/2026	Cash	252,694	0.004%
Call Option	19/12/2025	Cash	251,195	0.004%
Call Option	15/12/2023	Cash	251,121	0.004%
Put Option	15/12/2023	Physical	250,000	0.004%
Put Option	17/03/2023	Cash	249,834	0.004%
Call Option	17/03/2023	Cash	243,840	0.004%
Put Option	15/12/2023	Cash	242,392	0.004%
Call Option	15/12/2023	Cash	241,534	0.004%
Call Option	19/12/2031	Cash	240,925	0.004%
Call Option	20/12/2024	Cash	239,487	0.004%
Put Option	16/06/2023	Cash	238,685	0.004%
Call Option	20/12/2024	Cash	237,760	0.004%
Put Option	15/12/2023	Cash	235,972	0.004%
Put Option	17/03/2023	Cash	234,735	0.004%
Future	16/12/2022	Cash	232,002	0.004%
Call Option	21/06/2024	Cash	231,966	0.004%
Put Option	15/12/2023	Cash	229,719	0.004%
Call Option	15/12/2023	Cash	229,637	0.004%
Call Option	18/12/2026	Cash	228,914	0.004%
Put Option	17/03/2023	Cash	227,588	0.004%
Call Option	20/12/2024	Cash	226,339	0.004%
Call Option	15/12/2023	Cash	225,313	0.004%
Swap	03/11/2025	Cash	224,892	0.004%
Future	19/12/2030	Cash	224,757	0.004%
Forward	21/12/2022	Cash	224,389	0.004%
Call Option	15/12/2023	Cash	223,030	0.004%
Call Option	15/12/2028	Cash	222,817	0.004%
Put Option	20/12/2024	Cash	220,241	0.004%
Future	14/12/2028	Cash	219,983	0.004%
Future	14/12/2028	Cash	219,983	0.004%
Put Option	16/06/2023	Cash	219,897	0.004%
Call Option	11/09/2023	Cash	217,597	0.004%
Put Option	20/12/2024	Cash	217,573	0.004%
Future	17/12/2026	Cash	216,595	0.004%
Call Option	20/12/2024	Cash	216,072	0.004%
Future	18/12/2025	Cash	215,485	0.004%
Future	16/12/2022	Cash	215,049	0.004%
Future	14/12/2023	Cash	214,664	0.004%
Put Option	15/12/2023	Cash	214,463	0.004%

Swap	26/10/2023	Cash	213,490	0.004%
Swap	08/11/2032	Cash	211,736	0.004%
Call Option	16/06/2023	Cash	208,707	0.004%
Put Option	15/12/2023	Cash	208,618	0.004%
Call Option	16/12/2022	Cash	207,580	0.004%
Put Option	20/01/2023	Cash	205,843	0.004%
Call Option	16/06/2023	Cash	205,071	0.004%
Call Option	19/12/2025	Cash	204,524	0.004%
Call Option	15/12/2023	Cash	200,272	0.004%
Future	16/12/2022	Cash	199,071	0.004%
Put Option	20/12/2024	Cash	198,985	0.004%
Put Option	15/12/2023	Cash	198,298	0.004%
Call Option	19/12/2025	Cash	197,878	0.004%
Call Option	25/11/2026	Cash	194,670	0.003%
Call Option	19/12/2025	Cash	194,484	0.003%
Call Option	19/12/2025	Cash	193,492	0.003%
Call Option	15/12/2023	Cash	192,930	0.003%
Put Option	15/12/2023	Cash	190,488	0.003%
Call Option	18/12/2026	Cash	190,404	0.003%
Call Option	18/12/2026	Cash	190,404	0.003%
Future	16/12/2027	Cash	189,010	0.003%
Call Option	15/12/2023	Cash	185,960	0.003%
Put Option	20/12/2024	Cash	185,564	0.003%
Put Option	15/12/2023	Cash	185,318	0.003%
Call Option	16/12/2022	Cash	184,748	0.003%
Call Option	15/12/2023	Cash	182,028	0.003%
Put Option	15/12/2023	Cash	181,841	0.003%
Call Option	15/12/2023	Cash	179,385	0.003%
Future	16/12/2022	Cash	179,123	0.003%
Call Option	27/11/2023	Cash	177,852	0.003%
Call Option	15/12/2023	Cash	177,267	0.003%
Put Option	20/12/2024	Cash	176,765	0.003%
Call Option	16/06/2023	Cash	176,284	0.003%
Forward	19/12/2022	Cash	176,120	0.003%
Call Option	20/12/2024	Cash	175,740	0.003%
Call Option	19/12/2025	Cash	174,830	0.003%
Call Option	20/12/2024	Cash	174,600	0.003%
Put Option	20/12/2024	Cash	174,529	0.003%
Call Option	19/12/2025	Cash	173,879	0.003%
Put Option	20/12/2024	Cash	173,773	0.003%
Call Option	02/12/2026	Cash	171,013	0.003%
Future	17/03/2023	Cash	170,147	0.003%
Call Option	20/12/2024	Cash	169,754	0.003%
Call Option	15/09/2023	Cash	168,897	0.003%
Call Option	19/12/2025	Cash	168,871	0.003%
Put Option	20/12/2024	Cash	167,532	0.003%
Put Option	15/12/2023	Cash	166,415	0.003%
Call Option	16/12/2022	Cash	165,650	0.003%
Swap	22/11/2032	Cash	165,445	0.003%
Put Option	20/12/2024	Cash	165,103	0.003%
Put Option	19/12/2025	Cash	163,918	0.003%
Call Option	15/12/2023	Cash	163,569	0.003%
Call Option	20/12/2024	Cash	162,993	0.003%
Call Option	15/12/2023	Cash	162,686	0.003%
Put Option	15/09/2023	Cash	162,001	0.003%

Put Option	20/12/2024	Cash	160,726	0.003%
Put Option	28/10/2027	Cash	160,433	0.003%
Put Option	16/06/2023	Cash	160,318	0.003%
Put Option	17/03/2023	Cash	160,107	0.003%
Call Option	15/12/2023	Cash	159,945	0.003%
Call Option	20/12/2024	Cash	159,547	0.003%
Swap	21/10/2032	Cash	159,526	0.003%
Call Option	15/12/2023	Cash	159,485	0.003%
Call Option	15/12/2023	Cash	158,311	0.003%
Call Option	15/12/2028	Cash	158,175	0.003%
Call Option	20/12/2024	Cash	157,131	0.003%
Call Option	17/12/2027	Cash	156,599	0.003%
Call Option	16/06/2023	Cash	156,286	0.003%
Call Option	17/03/2023	Cash	156,199	0.003%
Call Option	28/10/2024	Cash	155,781	0.003%
Call Option	17/12/2027	Cash	155,449	0.003%
Put Option	15/12/2023	Cash	155,039	0.003%
Call Option	20/12/2024	Cash	153,323	0.003%
Call Option	20/12/2024	Cash	152,564	0.003%
Call Option	20/12/2024	Cash	150,624	0.003%
Future	16/12/2022	Cash	150,470	0.003%
Future	19/12/2030	Cash	149,838	0.003%
Call Option	16/06/2023	Cash	149,179	0.003%
Call Option	15/12/2023	Cash	149,024	0.003%
Put Option	19/12/2025	Cash	148,188	0.003%
Future	20/12/2029	Cash	148,140	0.003%
Call Option	16/06/2023	Cash	147,667	0.003%
Put Option	19/12/2025	Cash	147,667	0.003%
Call Option	21/12/2029	Cash	147,072	0.003%
Call Option	15/12/2023	Cash	147,055	0.003%
Call Option	16/06/2023	Cash	146,983	0.003%
Call Option	20/12/2024	Cash	146,736	0.003%
Future	14/12/2028	Cash	146,627	0.003%
Call Option	15/09/2023	Cash	145,431	0.003%
Future	16/12/2027	Cash	145,392	0.003%
Future	16/12/2027	Cash	145,392	0.003%
Put Option	15/12/2023	Cash	144,975	0.003%
Call Option	17/12/2027	Cash	144,021	0.003%
Call Option	16/12/2022	Cash	143,978	0.003%
Put Option	15/12/2023	Cash	143,958	0.003%
Future	18/12/2025	Cash	143,657	0.003%
Future	18/12/2025	Cash	143,657	0.003%
Future	16/12/2022	Cash	143,366	0.003%
Swap	03/03/2023	Cash	143,333	0.003%
Future	19/12/2024	Cash	143,215	0.003%
Swap	26/10/2023	Cash	142,327	0.003%
Put Option	19/12/2025	Cash	141,802	0.003%
Call Option	21/06/2024	Cash	141,695	0.003%
Call Option	17/12/2027	Cash	141,309	0.003%
Call Option	20/12/2024	Cash	141,229	0.003%
Call Option	15/12/2023	Cash	140,605	0.002%
Call Option	20/12/2024	Cash	140,149	0.002%
Call Option	15/12/2023	Cash	139,434	0.002%
Call Option	20/12/2024	Cash	138,588	0.002%
Call Option	17/02/2023	Cash	138,413	0.002%

Future	16/12/2022	Cash	137,918	0.002%
Put Option	16/06/2023	Cash	137,280	0.002%
Put Option	17/03/2023	Cash	135,972	0.002%
Call Option	19/12/2025	Cash	135,276	0.002%
Put Option	20/12/2024	Cash	134,847	0.002%
Put Option	16/06/2023	Cash	134,622	0.002%
Call Option	15/09/2023	Cash	134,434	0.002%
Call Option	20/12/2024	Cash	134,198	0.002%
Put Option	19/12/2025	Cash	133,369	0.002%
Call Warrant	31/12/2030	cash	132,337	0.002%
Call Option	19/12/2025	Cash	132,257	0.002%
Call Option	18/12/2026	Cash	132,192	0.002%
Call Option	15/12/2023	Cash	132,095	0.002%
Put Option	20/12/2024	Cash	132,078	0.002%
Put Option	18/12/2026	Cash	131,592	0.002%
Call Option	20/12/2024	Cash	131,424	0.002%
Future	17/03/2023	Cash	131,269	0.002%
Future	19/12/2030	Cash	131,108	0.002%
Put Option	19/12/2031	Cash	130,943	0.002%
Put Option	20/12/2024	Cash	130,742	0.002%
Put Option	20/12/2024	Cash	130,354	0.002%
Call Option	31/03/2027	Cash	129,934	0.002%
Call Option	31/03/2027	Cash	129,934	0.002%
Call Option	31/03/2027	Cash	129,934	0.002%
Put Option	20/12/2024	Cash	129,561	0.002%
Call Option	20/01/2023	Cash	129,337	0.002%
Call Option	17/12/2027	Cash	129,318	0.002%
Forward	20/12/2024	Cash	127,679	0.002%
Call Option	16/06/2023	Cash	127,602	0.002%
Forward	17/03/2023	Cash	127,465	0.002%
Call Option	20/12/2024	Cash	127,385	0.002%
Call Option	20/12/2024	Cash	126,717	0.002%
Call Option	20/12/2024	Cash	126,106	0.002%
Call Option	18/11/2025	Cash	126,038	0.002%
Call Option	20/12/2024	Cash	125,601	0.002%
Call Option	18/12/2026	Cash	125,576	0.002%
Call Option	20/12/2024	Cash	124,489	0.002%
Put Option	17/02/2023	Cash	124,310	0.002%
Put Option	21/06/2024	Cash	122,273	0.002%
Put Option	20/12/2024	Cash	121,793	0.002%
Call Option	20/12/2024	Cash	121,748	0.002%
Future	17/03/2023	Cash	121,559	0.002%
Put Option	20/12/2024	Cash	121,358	0.002%
Swap	02/10/2023	Cash	120,946	0.002%
Put Option	16/06/2023	Cash	120,300	0.002%
Put Option	17/12/2027	Cash	118,770	0.002%
Call Option	19/12/2025	Cash	118,416	0.002%
Call Option	15/12/2023	Cash	118,263	0.002%
Put Option	20/12/2024	Cash	117,698	0.002%
Call Option	19/12/2025	Cash	115,919	0.002%
Call Option	16/12/2022	Cash	113,479	0.002%
Put Option	19/12/2025	Cash	113,343	0.002%
Call Option	16/12/2022	Cash	113,013	0.002%
Call Option	19/12/2025	Cash	112,813	0.002%
Call Option	15/12/2023	Cash	112,517	0.002%

Call Option	19/12/2025	Cash	111,884	0.002%
Put Option	15/12/2023	Cash	111,598	0.002%
Put Option	15/12/2023	Cash	111,240	0.002%
Call Option	15/12/2023	Cash	111,015	0.002%
Call Option	15/12/2023	Cash	110,836	0.002%
Put Option	15/12/2023	Cash	110,404	0.002%
Call Option	15/12/2023	Cash	110,291	0.002%
Call Option	15/12/2023	Cash	110,287	0.002%
Call Option	19/12/2025	Cash	109,927	0.002%
Put Option	20/12/2024	Cash	109,771	0.002%
Call Option	15/12/2028	Cash	108,319	0.002%
Call Option	20/12/2024	Cash	108,223	0.002%
Call Option	21/12/2029	Cash	108,153	0.002%
Put Option	20/12/2024	Cash	107,878	0.002%
Call Option	21/12/2029	Cash	107,819	0.002%
Future	14/12/2023	Cash	107,332	0.002%
Call Option	18/12/2026	Cash	106,806	0.002%
Call Option	15/12/2023	Cash	106,323	0.002%
Put Option	18/12/2026	Cash	106,319	0.002%
Future	16/12/2022	Cash	106,234	0.002%
Future	16/12/2022	Cash	106,230	0.002%
Call Option	17/12/2027	Cash	105,519	0.002%
Call Option	20/12/2024	Cash	105,088	0.002%
Call Option	17/12/2027	Cash	105,068	0.002%
Put Option	20/12/2024	Cash	104,872	0.002%
Call Option	30/03/2027	Cash	104,558	0.002%
Put Option	20/12/2024	Cash	104,483	0.002%
Call Option	17/12/2027	Cash	104,363	0.002%
Call Option	17/12/2027	Cash	104,234	0.002%
Call Option	15/12/2023	Cash	103,932	0.002%
Call Option	17/12/2027	Cash	103,095	0.002%
Put Option	15/12/2023	Cash	102,984	0.002%
Call Option	15/12/2023	Cash	102,794	0.002%
Call Option	16/12/2022	Cash	102,656	0.002%
Call Option	12/06/2023	Cash	102,157	0.002%
Call Option	18/12/2026	Cash	101,739	0.002%
Put Option	20/12/2024	Cash	101,494	0.002%
Forward	20/12/2022	Cash	100,687	0.002%
Call Option	20/12/2024	Cash	100,661	0.002%
Call Option	16/12/2022	Cash	100,301	0.002%
Call Option	16/12/2022	Cash	100,301	0.002%
Call Option	17/03/2023	Cash	100,215	0.002%
Call Option	19/12/2025	Cash	99,903	0.002%
Put Option	15/12/2028	Cash	99,739	0.002%
Put Option	21/06/2024	Cash	99,611	0.002%
Put Option	20/12/2024	Cash	99,541	0.002%
Put Option	20/12/2024	Cash	99,533	0.002%
Call Option	15/12/2028	Cash	98,976	0.002%
Call Option	20/12/2024	Cash	98,797	0.002%
Put Option	21/04/2023	Cash	98,038	0.002%
Call Option	20/12/2024	Cash	97,955	0.002%
Put Option	20/12/2024	Cash	97,646	0.002%
Put Option	18/12/2026	Cash	96,681	0.002%
Put Option	15/12/2023	Cash	95,987	0.002%
Call Option	16/12/2022	Cash	95,884	0.002%

Call Option	16/12/2022	Cash	95,884	0.002%
Call Option	15/12/2028	Cash	95,803	0.002%
Call Option	20/12/2024	Cash	95,349	0.002%
Put Option	20/12/2024	Cash	95,081	0.002%
Call Option	19/12/2025	Cash	94,920	0.002%
Call Option	19/12/2025	Cash	94,887	0.002%
Forward	17/03/2023	Cash	94,576	0.002%
Put Option	19/12/2025	Cash	94,433	0.002%
Call Option	17/12/2027	Cash	94,238	0.002%
Put Option	15/12/2023	Cash	93,704	0.002%
Call Option	16/12/2022	Cash	93,468	0.002%
Call Option	16/12/2022	Cash	93,468	0.002%
Future	17/03/2023	Cash	93,452	0.002%
Call Option	15/12/2023	Cash	93,403	0.002%
Call Option	16/12/2022	Cash	93,282	0.002%
Call Option	19/12/2025	Cash	93,129	0.002%
Call Option	21/04/2023	Cash	92,872	0.002%
Call Option	21/04/2023	Cash	92,779	0.002%
Put Option	17/12/2027	Cash	92,602	0.002%
Call Option	18/12/2026	Cash	92,523	0.002%
Call Option	18/10/2023	Cash	92,416	0.002%
Call Option	15/12/2023	Cash	92,259	0.002%
Put Option	16/06/2023	Cash	92,058	0.002%
Call Option	20/12/2024	Cash	92,044	0.002%
Call Option	18/12/2026	Cash	91,577	0.002%
Call Option	15/12/2023	Cash	91,559	0.002%
Call Option	20/12/2024	Cash	91,393	0.002%
Put Option	17/12/2027	Cash	91,128	0.002%
Future	16/12/2022	Cash	90,973	0.002%
Call Option	15/12/2023	Cash	90,937	0.002%
Put Option	15/12/2023	Cash	90,927	0.002%
Put Option	18/12/2026	Cash	90,566	0.002%
Put Option	20/12/2024	Cash	90,401	0.002%
Call Option	21/12/2029	Cash	90,160	0.002%
Call Option	20/12/2024	Cash	89,982	0.002%
Future	16/12/2022	Cash	89,705	0.002%
Put Option	19/12/2025	Cash	89,632	0.002%
Future	17/03/2023	Cash	89,397	0.002%
Call Option	20/01/2023	Cash	89,085	0.002%
Put Option	15/12/2023	Cash	88,863	0.002%
Call Option	15/12/2023	Cash	88,615	0.002%
Put Option	20/12/2024	Cash	88,368	0.002%
Put Option	15/12/2023	Cash	88,141	0.002%
Put Option	20/12/2024	Cash	88,091	0.002%
Call Option	15/12/2023	Cash	88,063	0.002%
Put Option	20/12/2024	Cash	87,933	0.002%
Call Option	19/12/2025	Cash	87,523	0.002%
Call Option	18/12/2026	Cash	87,264	0.002%
Call Option	19/12/2025	Cash	87,161	0.002%
Put Option	20/12/2024	Cash	86,732	0.002%
Put Option	20/12/2024	Cash	86,717	0.002%
Put Option	17/12/2027	Cash	86,656	0.002%
Call Option	20/12/2024	Cash	86,544	0.002%
Put Option	20/12/2024	Cash	86,352	0.002%
Call Option	20/12/2024	Cash	86,292	0.002%

Call Option	15/12/2023	Cash	86,205	0.002%
Call Option	16/06/2023	Cash	86,129	0.002%
Put Option	17/02/2023	Cash	85,926	0.002%
Put Option	20/12/2024	Cash	85,862	0.002%
Put Option	19/12/2025	Cash	85,803	0.002%
Put Option	15/12/2023	Cash	85,344	0.002%
Call Option	19/02/2024	Cash	85,235	0.002%
Call Option	16/12/2022	Cash	84,299	0.001%
Put Option	21/12/2029	Cash	83,765	0.001%
Call Option	18/12/2026	Cash	83,600	0.001%
Put Option	20/12/2024	Cash	83,447	0.001%
Put Option	20/12/2024	Cash	83,418	0.001%
Put Option	15/12/2023	Cash	83,357	0.001%
Call Option	20/12/2024	Cash	82,929	0.001%
Put Option	20/12/2024	Cash	82,926	0.001%
Forward	16/06/2023	Cash	81,961	0.001%
Call Option	19/12/2025	Cash	81,566	0.001%
Put Option	15/12/2023	Cash	81,338	0.001%
Put Option	15/12/2023	Cash	81,044	0.001%
Put Option	18/12/2026	Cash	81,031	0.001%
Put Option	18/12/2026	Cash	81,031	0.001%
Call Option	16/12/2022	Cash	80,812	0.001%
Call Option	20/12/2024	Cash	80,789	0.001%
Call Option	15/12/2028	Cash	80,623	0.001%
Put Option	15/12/2023	Cash	80,381	0.001%
Call Option	15/12/2028	Cash	80,132	0.001%
Put Option	20/12/2024	Cash	80,051	0.001%
Put Option	19/12/2025	Cash	79,904	0.001%
Swap	20/10/2023	Cash	79,689	0.001%
Future	16/12/2022	Cash	79,668	0.001%
Call Option	19/12/2025	Cash	79,151	0.001%
Call Option	15/12/2023	Cash	78,879	0.001%
Call Option	15/12/2023	Cash	78,820	0.001%
Call Option	16/12/2022	Cash	78,537	0.001%
Put Option	17/12/2027	Cash	78,300	0.001%
Put Option	21/06/2024	Cash	77,581	0.001%
Put Option	18/12/2026	Cash	77,411	0.001%
Call Option	15/12/2023	Cash	77,362	0.001%
Call Option	15/12/2023	Cash	77,362	0.001%
Call Option	03/08/2023	Cash	76,786	0.001%
Put Option	18/12/2026	Cash	76,451	0.001%
Call Option	15/12/2023	Cash	75,822	0.001%
Call Option	19/12/2025	Cash	75,572	0.001%
Put Option	19/12/2025	Cash	75,557	0.001%
Put Option	19/12/2025	Cash	75,382	0.001%
Put Option	17/12/2027	Cash	75,276	0.001%
Call Option	15/12/2023	Cash	75,184	0.001%
Put Option	19/12/2025	Cash	75,063	0.001%
Call Option	29/12/2022	Cash	75,053	0.001%
Call Option	29/12/2022	Cash	75,053	0.001%
Put Option	19/12/2025	Cash	75,042	0.001%
Call Option	15/12/2023	Cash	74,965	0.001%
Future	19/12/2030	Cash	74,919	0.001%
Put Option	15/09/2023	Cash	74,842	0.001%
Future	17/03/2023	Cash	74,761	0.001%

Put Option	15/12/2023	Cash	74,275	0.001%
Put Option	15/12/2023	Cash	74,178	0.001%
Call Option	19/12/2025	Cash	74,054	0.001%
Call Option	19/12/2025	Cash	74,054	0.001%
Call Option	15/12/2023	Cash	73,892	0.001%
Call Option	20/12/2030	Cash	73,656	0.001%
Call Option	15/12/2028	Cash	73,567	0.001%
Put Option	15/12/2023	Cash	73,541	0.001%
Put Option	19/12/2025	Cash	73,508	0.001%
Call Option	15/12/2023	Cash	73,140	0.001%
Call Option	15/12/2023	Cash	72,899	0.001%
Put Option	18/12/2026	Cash	72,896	0.001%
Put Option	20/12/2024	Cash	72,593	0.001%
Put Option	15/12/2023	Cash	72,490	0.001%
Call Option	15/12/2023	Cash	72,148	0.001%
Future	17/03/2023	Cash	71,989	0.001%
Call Option	15/12/2023	Cash	71,948	0.001%
Future	16/12/2022	Cash	71,686	0.001%
Put Option	16/12/2022	Cash	71,676	0.001%
Put Option	16/12/2022	Cash	71,676	0.001%
Put Option	17/03/2023	Cash	71,654	0.001%
Future	17/03/2023	Cash	71,639	0.001%
Swap	23/02/2023	Cash	71,603	0.001%
Call Option	19/12/2025	Cash	71,571	0.001%
Call Option	20/12/2024	Cash	71,549	0.001%
Put Option	18/12/2026	Cash	71,521	0.001%
Put Option	21/06/2024	Cash	71,359	0.001%
Put Option	15/12/2023	Cash	71,323	0.001%
Put Option	20/12/2024	Cash	71,314	0.001%
Swap	26/10/2023	Cash	71,163	0.001%
Call Option	15/12/2023	Cash	70,949	0.001%
Put Option	20/12/2024	Cash	70,883	0.001%
Put Option	18/12/2026	Cash	70,422	0.001%
Swap	18/06/2024	Cash	70,385	0.001%
Call Option	15/12/2028	Cash	70,090	0.001%
Put Option	15/12/2028	Cash	69,957	0.001%
Put Option	17/03/2023	Cash	69,895	0.001%
Put Option	17/03/2023	Cash	69,846	0.001%
Call Option	17/12/2027	Cash	69,699	0.001%
Future	16/12/2022	Cash	69,657	0.001%
Call Option	20/12/2024	Cash	69,491	0.001%
Call Option	18/12/2026	Cash	69,383	0.001%
Call Option	15/12/2023	Cash	69,208	0.001%
Put Option	20/12/2024	Cash	69,149	0.001%
Call Option	18/12/2026	Cash	68,703	0.001%
Call Option	17/12/2027	Cash	68,587	0.001%
Call Option	20/12/2024	Cash	68,452	0.001%
Put Option	16/06/2023	Cash	68,109	0.001%
Call Option	15/12/2023	Cash	67,809	0.001%
Call Option	15/12/2023	Cash	67,645	0.001%
Call Option	15/12/2028	Cash	67,538	0.001%
Call Option	11/09/2023	Cash	67,441	0.001%
Put Option	19/12/2025	Cash	67,416	0.001%
Put Option	16/06/2023	Cash	67,146	0.001%
Put Option	16/06/2023	Cash	67,067	0.001%

Put Option	19/12/2025	Cash	66,945	0.001%
Call Option	17/12/2027	Cash	66,898	0.001%
Put Option	20/12/2024	Cash	66,868	0.001%
Put Option	15/09/2023	Cash	66,733	0.001%
Put Option	16/06/2023	Cash	66,458	0.001%
Put Option	19/12/2025	Cash	66,277	0.001%
Call Option	15/12/2023	Cash	66,263	0.001%
Call Option	20/12/2024	Cash	65,702	0.001%
Call Option	17/12/2027	Cash	65,464	0.001%
Call Option	23/12/2026	Cash	65,066	0.001%
Call Option	18/12/2026	Cash	65,031	0.001%
Call Option	16/06/2023	Cash	64,977	0.001%
Call Option	19/12/2025	Cash	64,863	0.001%
Put Option	20/12/2024	Cash	64,727	0.001%
Put Option	20/12/2024	Cash	64,727	0.001%
Put Option	15/12/2023	Cash	64,685	0.001%
Call Option	15/12/2023	Cash	64,451	0.001%
Call Option	15/12/2023	Cash	64,450	0.001%
Call Option	15/12/2028	Cash	64,425	0.001%
Call Option	19/12/2025	Cash	64,409	0.001%
Call Option	11/03/2024	Cash	64,262	0.001%
Put Option	16/06/2023	Cash	64,249	0.001%
Put Option	16/06/2023	Cash	64,233	0.001%
Put Option	19/12/2025	Cash	64,182	0.001%
Call Option	19/12/2025	Cash	64,048	0.001%
Put Option	16/06/2023	Cash	63,977	0.001%
Call Option	20/12/2024	Cash	63,970	0.001%
Call Option	15/12/2023	Cash	63,348	0.001%
Call Option	17/03/2023	Cash	63,215	0.001%
Call Option	20/12/2024	Cash	62,852	0.001%
Call Option	18/12/2026	Cash	62,821	0.001%
Call Option	19/12/2025	Cash	62,773	0.001%
Call Option	18/12/2026	Cash	62,747	0.001%
Call Option	20/12/2024	Cash	62,605	0.001%
Call Option	16/06/2023	Cash	62,599	0.001%
Put Option	20/12/2024	Cash	62,546	0.001%
Call Option	19/12/2025	Cash	62,517	0.001%
Put Option	16/06/2023	Cash	62,463	0.001%
Call Option	19/12/2025	Cash	62,372	0.001%
Put Option	15/12/2023	Cash	62,086	0.001%
Put Option	15/12/2023	Cash	62,058	0.001%
Call Option	15/12/2023	Cash	62,038	0.001%
Put Option	17/02/2023	Cash	62,018	0.001%
Call Option	18/12/2026	Cash	61,980	0.001%
Call Option	19/12/2025	Cash	61,963	0.001%
Call Option	20/12/2024	Cash	61,930	0.001%
Put Option	21/12/2029	Cash	61,505	0.001%
Put Option	15/12/2023	Cash	61,342	0.001%
Put Option	15/12/2023	Cash	61,262	0.001%
Put Option	20/01/2023	Cash	61,009	0.001%
Put Option	19/12/2025	Cash	60,930	0.001%
Put Option	17/12/2027	Cash	60,765	0.001%
Call Option	18/12/2026	Cash	60,605	0.001%
Call Option	19/12/2025	Cash	60,363	0.001%
Call Option	21/06/2024	Cash	60,298	0.001%

Call Option	15/12/2023	Cash	60,246	0.001%
Put Option	17/12/2027	Cash	60,183	0.001%
Call Option	15/12/2023	Cash	60,020	0.001%
Call Option	15/12/2028	Cash	59,814	0.001%
Put Option	17/03/2023	Cash	59,729	0.001%
Call Option	20/12/2024	Cash	59,641	0.001%
Call Option	18/12/2026	Cash	59,535	0.001%
Call Option	15/12/2023	Cash	59,087	0.001%
Put Option	15/12/2023	Cash	59,047	0.001%
Call Option	19/12/2025	Cash	58,814	0.001%
Swap	22/05/2023	Cash	58,806	0.001%
Future	16/12/2022	Cash	58,500	0.001%
Call Option	20/12/2024	Cash	58,200	0.001%
Put Option	15/09/2023	Cash	58,179	0.001%
Put Option	17/12/2027	Cash	58,051	0.001%
Call Option	20/12/2024	Cash	57,851	0.001%
Put Option	15/12/2023	Cash	57,793	0.001%
Put Option	15/12/2023	Cash	57,553	0.001%
Future	17/03/2023	Cash	57,548	0.001%
Put Option	15/12/2023	Cash	57,547	0.001%
Swap	14/03/2023	Cash	57,487	0.001%
Put Option	15/12/2023	Cash	57,269	0.001%
Call Option	21/06/2024	Cash	57,216	0.001%
Call Option	20/12/2024	Cash	56,866	0.001%
Call Option	01/02/2024	Cash	56,787	0.001%
Put Option	15/12/2023	Cash	56,767	0.001%
Put Option	15/12/2028	Cash	56,733	0.001%
Call Option	16/12/2022	Cash	56,674	0.001%
Put Option	15/12/2023	Cash	56,669	0.001%
Put Option	16/06/2023	Cash	56,371	0.001%
Future	17/03/2023	Cash	56,208	0.001%
Call Option	13/06/2024	Cash	56,127	0.001%
Put Option	20/12/2024	Cash	56,095	0.001%
Call Option	21/12/2029	Cash	55,733	0.001%
Put Option	19/12/2025	Cash	55,655	0.001%
Put Option	20/12/2024	Cash	55,612	0.001%
Call Option	21/12/2029	Cash	55,414	0.001%
Call Warrant	15/12/2023	cash	55,000	0.001%
Call Option	21/06/2024	Cash	54,999	0.001%
Call Option	21/12/2029	Cash	54,989	0.001%
Call Option	19/12/2025	Cash	54,964	0.001%
Put Option	16/06/2023	Cash	54,878	0.001%
Call Option	04/12/2023	Cash	54,857	0.001%
Call Option	04/12/2023	Cash	54,857	0.001%
Call Option	04/12/2023	Cash	54,857	0.001%
Put Option	16/06/2023	Cash	54,703	0.001%
Call Option	19/12/2025	Cash	54,312	0.001%
Call Option	19/12/2025	Cash	54,312	0.001%
Put Option	15/12/2023	Cash	54,299	0.001%
Call Option	26/12/2023	Cash	53,938	0.001%
Call Option	26/12/2023	Cash	53,938	0.001%
Call Option	26/12/2023	Cash	53,938	0.001%
Put Option	18/12/2026	Cash	53,618	0.001%
Put Option	17/02/2023	Cash	53,467	0.001%
Put Option	15/12/2023	Cash	53,344	0.001%

Call Option	15/12/2023	Cash	53,162	0.001%
Put Option	17/03/2023	Cash	52,973	0.001%
Call Option	22/03/2024	Cash	52,894	0.001%
Put Option	15/12/2023	Cash	52,795	0.001%
Put Option	20/12/2024	Cash	52,760	0.001%
Put Option	15/09/2023	Cash	52,744	0.001%
Call Option	28/03/2023	Cash	52,646	0.001%
Call Option	28/03/2023	Cash	52,646	0.001%
Call Option	28/03/2023	Cash	52,646	0.001%
Put Option	15/12/2023	Cash	52,445	0.001%
Call Option	18/12/2026	Cash	52,343	0.001%
Call Option	16/12/2022	Cash	52,298	0.001%
Put Option	20/12/2030	Cash	52,193	0.001%
Call Option	29/11/2024	Cash	52,122	0.001%
Call Option	29/11/2024	Cash	52,122	0.001%
Call Option	29/11/2024	Cash	52,122	0.001%
Put Option	15/12/2023	Cash	52,098	0.001%
Put Option	18/12/2026	Cash	52,058	0.001%
Put Option	06/01/2023	Cash	51,976	0.001%
Call Option	15/12/2023	Cash	51,863	0.001%
Put Option	19/12/2025	Cash	51,812	0.001%
Swap	18/11/2032	Cash	51,226	0.001%
Call Option	20/12/2024	Cash	50,778	0.001%
Call Option	20/12/2024	Cash	50,506	0.001%
Call Option	16/12/2022	Cash	50,450	0.001%
Call Option	16/12/2022	Cash	50,450	0.001%
Call Option	20/12/2024	Cash	50,317	0.001%
Put Option	15/12/2028	Cash	50,229	0.001%
Call Option	19/05/2023	Cash	50,144	0.001%
Call Option	19/12/2025	Cash	50,083	0.001%
Call Option	20/12/2024	Cash	50,077	0.001%
Call Option	20/01/2023	Cash	49,677	0.001%
Swap	14/02/2023	Cash	49,646	0.001%
Put Option	20/12/2024	Cash	49,629	0.001%
Call Option	15/12/2023	Cash	49,590	0.001%
Call Option	15/12/2023	Cash	49,590	0.001%
Call Option	17/03/2023	Cash	49,426	0.001%
Call Option	20/12/2024	Cash	49,295	0.001%
Put Option	20/12/2024	Cash	49,288	0.001%
Put Option	20/12/2024	Cash	49,288	0.001%
Call Option	20/01/2023	Cash	49,057	0.001%
Call Option	20/12/2024	Cash	49,052	0.001%
Put Option	15/12/2023	Cash	48,978	0.001%
Put Option	20/12/2024	Cash	48,834	0.001%
Future	16/12/2022	Cash	48,587	0.001%
Call Option	15/12/2023	Cash	48,338	0.001%
Call Option	18/10/2023	Cash	48,294	0.001%
Call Option	15/12/2023	Cash	48,243	0.001%
Call Option	18/12/2026	Cash	47,957	0.001%
Put Option	20/12/2024	Cash	47,956	0.001%
Call Option	18/12/2026	Cash	47,614	0.001%
Put Option	15/12/2023	Cash	47,425	0.001%
Put Option	15/12/2023	Cash	47,173	0.001%
Swap	07/11/2023	Cash	47,100	0.001%
Put Option	21/12/2029	Cash	46,991	0.001%

Call Option	20/12/2024	Cash	46,716	0.001%
Put Option	17/03/2023	Cash	46,589	0.001%
Put Option	20/12/2024	Cash	46,583	0.001%
Put Option	17/12/2027	Cash	46,512	0.001%
Call Option	19/12/2025	Cash	46,372	0.001%
Call Option	15/12/2023	Cash	46,285	0.001%
Call Option	20/12/2024	Cash	46,165	0.001%
Call Option	20/12/2024	Cash	46,151	0.001%
Put Option	15/12/2028	Cash	46,093	0.001%
Call Option	15/12/2023	Cash	45,877	0.001%
Put Option	20/12/2024	Cash	45,814	0.001%
Put Option	15/12/2023	Cash	45,700	0.001%
Put Option	15/12/2023	Cash	45,610	0.001%
Put Option	15/12/2023	Cash	45,600	0.001%
Call Option	15/12/2023	Cash	45,557	0.001%
Put Option	20/12/2024	Cash	45,433	0.001%
Call Option	16/12/2022	Cash	45,333	0.001%
Call Option	19/12/2025	Cash	45,285	0.001%
Put Option	20/12/2024	Cash	45,109	0.001%
Call Option	20/12/2024	Cash	45,082	0.001%
Put Option	20/12/2024	Cash	44,994	0.001%
Put Option	15/12/2023	Cash	44,944	0.001%
Future	19/12/2030	Cash	44,943	0.001%
Call Option	31/08/2023	Cash	44,912	0.001%
Call Option	31/08/2023	Cash	44,912	0.001%
Call Option	16/06/2023	Cash	44,894	0.001%
Put Option	20/12/2024	Cash	44,671	0.001%
Call Option	15/12/2023	Cash	44,308	0.001%
Call Option	15/12/2023	Cash	44,287	0.001%
Put Option	20/12/2024	Cash	44,184	0.001%
Call Option	15/12/2023	Cash	44,158	0.001%
Put Option	18/12/2026	Cash	44,140	0.001%
Call Option	18/12/2026	Cash	44,064	0.001%
Call Option	12/06/2023	Cash	43,973	0.001%
Call Option	16/06/2023	Cash	43,834	0.001%
Call Option	20/12/2024	Cash	43,808	0.001%
Call Option	20/12/2024	Cash	43,772	0.001%
Put Option	20/12/2024	Cash	43,653	0.001%
Call Option	15/12/2028	Cash	43,585	0.001%
Put Option	20/12/2024	Cash	43,464	0.001%
Put Option	20/12/2024	Cash	43,451	0.001%
Put Option	20/12/2024	Cash	43,388	0.001%
Put Option	20/12/2024	Cash	43,254	0.001%
Call Option	20/12/2024	Cash	43,196	0.001%
Put Option	20/12/2024	Cash	43,151	0.001%
Put Option	15/12/2023	Cash	42,775	0.001%
Call Warrant	31/12/2030	cash	42,500	0.001%
Call Option	15/12/2023	Cash	42,319	0.001%
Call Option	18/12/2026	Cash	42,122	0.001%
Future	17/03/2023	Cash	41,910	0.001%
Call Option	15/12/2028	Cash	41,874	0.001%
Call Option	15/12/2023	Cash	41,858	0.001%
Call Option	26/10/2028	Cash	41,814	0.001%
Call Option	26/10/2028	Cash	41,814	0.001%
Call Option	26/10/2028	Cash	41,814	0.001%

Put Option	20/12/2024	Cash	41,709	0.001%
Put Option	20/12/2024	Cash	41,700	0.001%
Put Option	16/06/2023	Cash	41,670	0.001%
Put Option	15/12/2028	Cash	41,456	0.001%
Put Option	15/12/2028	Cash	41,456	0.001%
Future	16/12/2022	Cash	41,440	0.001%
Put Option	15/12/2023	Cash	41,398	0.001%
Call Option	15/12/2023	Cash	41,281	0.001%
Put Option	15/12/2023	Cash	41,129	0.001%
Put Option	17/12/2027	Cash	41,099	0.001%
Call Option	20/12/2024	Cash	41,071	0.001%
Forward	16/06/2023	Cash	40,980	0.001%
Call Option	15/12/2023	Cash	40,980	0.001%
Put Option	17/03/2023	Cash	40,868	0.001%
Call Option	15/12/2023	Cash	40,680	0.001%
Call Option	15/12/2028	Cash	40,575	0.001%
Put Option	17/03/2023	Cash	40,502	0.001%
Put Option	17/03/2023	Cash	40,359	0.001%
Call Option	12/06/2023	Cash	40,346	0.001%
Swap	02/10/2023	Cash	40,315	0.001%
Put Option	20/12/2024	Cash	39,991	0.001%
Put Option	15/12/2023	Cash	39,918	0.001%
Call Option	18/12/2026	Cash	39,749	0.001%
Call Option	18/12/2026	Cash	39,744	0.001%
Call Option	18/12/2026	Cash	39,509	0.001%
Put Option	15/12/2023	Cash	39,334	0.001%
Put Option	16/06/2023	Cash	39,224	0.001%
Put Option	19/12/2025	Cash	39,218	0.001%
Put Option	20/12/2024	Cash	39,057	0.001%
Future	16/12/2022	Cash	39,016	0.001%
Call Option	21/07/2023	Cash	38,917	0.001%
Call Option	18/08/2023	Cash	38,809	0.001%
Call Option	15/12/2028	Cash	38,661	0.001%
Call Option	15/12/2023	Cash	38,656	0.001%
Put Option	17/03/2023	Cash	38,649	0.001%
Forward	17/03/2023	Cash	38,611	0.001%
Put Option	19/12/2025	Cash	38,524	0.001%
Call Option	15/12/2023	Cash	38,510	0.001%
Call Option	19/12/2025	Cash	38,499	0.001%
Call Option	20/12/2024	Cash	38,439	0.001%
Call Option	15/12/2028	Cash	38,375	0.001%
Call Option	15/12/2028	Cash	38,375	0.001%
Call Option	15/12/2028	Cash	38,359	0.001%
Call Option	19/12/2025	Cash	38,268	0.001%
Put Option	15/12/2028	Cash	38,268	0.001%
Put Option	15/12/2023	Cash	38,100	0.001%
Forward	16/06/2023	Cash	37,866	0.001%
Put Option	21/12/2029	Cash	37,847	0.001%
Call Option	17/03/2023	Cash	37,820	0.001%
Call Option	18/12/2026	Cash	37,563	0.001%
Put Option	20/12/2024	Cash	37,317	0.001%
Call Option	18/08/2023	Cash	37,310	0.001%
Call Option	30/12/2022	Cash	37,248	0.001%
Put Option	15/12/2023	Cash	36,988	0.001%
Put Option	20/12/2024	Cash	36,863	0.001%

Call Option	20/12/2024	Cash	36,852	0.001%
Put Option	15/12/2023	Cash	36,771	0.001%
Put Option	15/12/2023	Cash	36,771	0.001%
Put Option	16/06/2023	Cash	36,625	0.001%
Put Option	19/12/2025	Cash	36,585	0.001%
Put Option	20/12/2024	Cash	36,534	0.001%
Call Option	26/12/2028	Cash	36,440	0.001%
Call Option	26/12/2028	Cash	36,440	0.001%
Call Option	26/12/2028	Cash	36,440	0.001%
Call Option	27/12/2022	Cash	36,375	0.001%
Call Option	27/12/2022	Cash	36,375	0.001%
Call Option	27/12/2022	Cash	36,375	0.001%
Put Option	20/12/2024	Cash	36,328	0.001%
Put Option	15/12/2023	Cash	36,277	0.001%
Put Option	19/05/2023	Cash	36,273	0.001%
Call Option	17/12/2027	Cash	36,161	0.001%
Call Option	15/12/2023	Cash	36,148	0.001%
Call Option	15/12/2023	Cash	36,138	0.001%
Put Option	15/12/2023	Cash	35,992	0.001%
Put Option	15/12/2023	Cash	35,953	0.001%
Put Option	15/03/2024	Cash	35,765	0.001%
Put Option	23/12/2022	Cash	35,747	0.001%
Put Option	17/02/2023	Cash	35,693	0.001%
Call Option	20/12/2024	Cash	35,691	0.001%
Call Option	17/02/2023	Cash	35,670	0.001%
Call Option	15/12/2023	Cash	35,661	0.001%
Put Option	20/12/2024	Cash	35,657	0.001%
Call Option	15/12/2023	Cash	35,606	0.001%
Call Option	20/12/2030	Cash	35,562	0.001%
Put Option	19/12/2025	Cash	35,560	0.001%
Put Option	18/12/2026	Cash	35,440	0.001%
Swap	24/07/2024	Cash	35,220	0.001%
Put Option	15/12/2023	Cash	35,071	0.001%
Put Option	15/12/2023	Cash	34,968	0.001%
Put Option	15/12/2023	Cash	34,957	0.001%
Put Option	20/12/2024	Cash	34,901	0.001%
Call Option	21/12/2029	Cash	34,863	0.001%
Put Option	15/12/2023	Cash	34,836	0.001%
Call Option	20/12/2024	Cash	34,734	0.001%
Call Option	16/06/2023	Cash	34,726	0.001%
Call Option	20/12/2024	Cash	34,621	0.001%
Put Option	19/12/2025	Cash	34,395	0.001%
Put Option	19/12/2025	Cash	34,395	0.001%
Call Option	17/12/2027	Cash	34,349	0.001%
Call Option	20/12/2024	Cash	34,184	0.001%
Swap	15/01/2024	Cash	34,153	0.001%
Put Option	19/12/2025	Cash	34,072	0.001%
Call Option	20/12/2024	Cash	34,028	0.001%
Put Option	21/04/2023	Cash	33,846	0.001%
Call Option	20/12/2024	Cash	33,816	0.001%
Put Option	19/12/2025	Cash	33,761	0.001%
Call Option	20/12/2024	Cash	33,744	0.001%
Call Option	15/12/2023	Cash	33,709	0.001%
Call Option	15/12/2023	Cash	33,696	0.001%
Call Option	18/12/2026	Cash	33,609	0.001%

Put Option	15/12/2023	Cash	33,596	0.001%
Put Option	15/12/2023	Cash	33,553	0.001%
Call Option	30/03/2026	Cash	33,520	0.001%
Call Option	30/03/2026	Cash	33,520	0.001%
Call Option	30/03/2026	Cash	33,520	0.001%
Call Option	20/12/2024	Cash	33,372	0.001%
Call Option	18/12/2026	Cash	33,244	0.001%
Put Option	21/12/2029	Cash	32,988	0.001%
Call Option	20/12/2024	Cash	32,960	0.001%
Call Option	20/12/2030	Cash	32,950	0.001%
Put Option	19/12/2025	Cash	32,764	0.001%
Put Option	15/12/2023	Cash	32,633	0.001%
Call Option	19/06/2023	Cash	32,253	0.001%
Put Option	17/12/2027	Cash	32,104	0.001%
Call Option	30/04/2027	Cash	31,989	0.001%
Call Option	30/04/2027	Cash	31,989	0.001%
Call Option	30/04/2027	Cash	31,989	0.001%
Call Option	19/05/2023	Cash	31,910	0.001%
Swap	22/05/2023	Cash	31,836	0.001%
Future	17/03/2023	Cash	31,695	0.001%
Call Option	16/07/2024	Cash	31,635	0.001%
Call Option	16/07/2024	Cash	31,635	0.001%
Call Option	16/07/2024	Cash	31,635	0.001%
Call Option	19/12/2022	Cash	31,533	0.001%
Call Option	19/12/2022	Cash	31,533	0.001%
Call Option	19/12/2022	Cash	31,533	0.001%
Put Option	20/12/2024	Cash	31,520	0.001%
Call Option	17/12/2027	Cash	31,519	0.001%
Put Option	17/12/2027	Cash	31,517	0.001%
Put Option	20/12/2024	Cash	31,470	0.001%
Call Option	19/12/2025	Cash	31,417	0.001%
Call Option	28/06/2024	Cash	31,394	0.001%
Call Option	28/06/2024	Cash	31,394	0.001%
Call Option	28/06/2024	Cash	31,394	0.001%
Call Option	17/12/2027	Cash	31,359	0.001%
Put Option	15/12/2028	Cash	31,323	0.001%
Call Option	27/04/2027	Cash	31,291	0.001%
Call Option	20/12/2024	Cash	31,276	0.001%
Call Option	30/03/2027	Cash	31,245	0.001%
Call Option	20/01/2023	Cash	31,238	0.001%
Call Option	18/12/2026	Cash	31,048	0.001%
Call Option	20/12/2024	Cash	30,980	0.001%
Call Option	20/12/2024	Cash	30,965	0.001%
Call Option	18/12/2026	Cash	30,868	0.001%
Call Option	16/06/2023	Cash	30,867	0.001%
Put Option	21/04/2023	Cash	30,726	0.001%
Call Option	21/06/2024	Cash	30,630	0.001%
Put Option	17/12/2027	Cash	30,558	0.001%
Swap	22/11/2032	Cash	30,545	0.001%
Call Option	30/08/2024	Cash	30,486	0.001%
Call Option	30/08/2024	Cash	30,486	0.001%
Call Option	30/08/2024	Cash	30,486	0.001%
Put Option	17/03/2023	Cash	30,443	0.001%
Put Option	15/12/2023	Cash	30,404	0.001%
Put Option	15/12/2023	Cash	30,404	0.001%

Call Option	21/04/2023	Cash	30,386	0.001%
Call Option	18/12/2026	Cash	30,302	0.001%
Put Option	17/12/2027	Cash	30,262	0.001%
Call Warrant	31/12/2030	cash	30,000	0.001%
Call Option	19/12/2025	Cash	29,968	0.001%
Call Option	19/12/2025	Cash	29,967	0.001%
Put Option	20/12/2024	Cash	29,859	0.001%
Put Option	15/12/2023	Cash	29,847	0.001%
Call Option	12/06/2023	Cash	29,758	0.001%
Put Option	20/12/2024	Cash	29,714	0.001%
Call Option	19/12/2025	Cash	29,624	0.001%
Call Option	19/12/2025	Cash	29,622	0.001%
Call Option	16/06/2023	Cash	29,527	0.001%
Call Option	15/12/2023	Cash	29,485	0.001%
Put Option	16/06/2023	Cash	29,475	0.001%
Put Option	15/12/2028	Cash	29,467	0.001%
Put Option	20/12/2024	Cash	29,300	0.001%
Call Option	19/12/2025	Cash	29,101	0.001%
Put Option	15/09/2023	Cash	29,092	0.001%
Call Option	16/06/2023	Cash	29,073	0.001%
Call Option	17/03/2023	Cash	29,066	0.001%
Call Warrant	31/12/2030	cash	29,000	0.001%
Put Option	20/12/2024	Cash	28,979	0.001%
Put Option	22/12/2022	Cash	28,791	0.001%
Put Option	15/12/2023	Cash	28,775	0.001%
Put Option	17/12/2027	Cash	28,751	0.001%
Put Option	18/12/2026	Cash	28,655	0.001%
Call Option	27/03/2023	Cash	28,551	0.001%
Call Option	27/03/2023	Cash	28,551	0.001%
Call Option	27/03/2023	Cash	28,551	0.001%
Put Option	19/12/2025	Cash	28,499	0.001%
Call Option	21/12/2026	Cash	28,411	0.001%
Put Option	16/06/2023	Cash	28,392	0.001%
Forward	17/03/2023	Cash	28,365	0.001%
Future	16/12/2022	Cash	28,347	0.001%
Put Option	18/12/2026	Cash	28,193	0.001%
Put Option	18/12/2026	Cash	28,116	0.0005%
Put Option	20/12/2024	Cash	27,920	0.0005%
Put Option	15/12/2023	Cash	27,902	0.0005%
Put Option	20/12/2024	Cash	27,864	0.0005%
Put Option	15/12/2028	Cash	27,681	0.0005%
Put Option	15/12/2023	Cash	27,461	0.0005%
Call Option	15/12/2023	Cash	27,406	0.0005%
Put Option	17/12/2027	Cash	27,388	0.0005%
Call Option	19/12/2025	Cash	27,370	0.0005%
Call Option	20/12/2024	Cash	27,366	0.0005%
Put Option	20/12/2030	Cash	27,363	0.0005%
Call Option	04/08/2023	Cash	27,323	0.0005%
Call Option	12/06/2023	Cash	27,269	0.0005%
Call Option	15/12/2023	Cash	27,102	0.0005%
Call Option	15/12/2023	Cash	26,958	0.0005%
Future	16/12/2022	Cash	26,911	0.0005%
Put Option	15/12/2023	Cash	26,874	0.0005%
Call Option	30/08/2024	Cash	26,874	0.0005%
Call Option	30/08/2024	Cash	26,874	0.0005%

Call Option	30/08/2024	Cash	26,874	0.0005%
Put Option	15/12/2028	Cash	26,806	0.0005%
Put Option	15/12/2028	Cash	26,806	0.0005%
Put Option	15/12/2028	Cash	26,790	0.0005%
Call Option	15/12/2023	Cash	26,657	0.0005%
Call Option	19/12/2025	Cash	26,656	0.0005%
Put Option	17/03/2023	Cash	26,637	0.0005%
Call Option	12/01/2023	Cash	26,576	0.0005%
Call Option	26/02/2027	Cash	26,507	0.0005%
Call Option	26/02/2027	Cash	26,507	0.0005%
Call Option	26/02/2027	Cash	26,507	0.0005%
Future	17/03/2023	Cash	26,438	0.0005%
Put Option	20/10/2023	Cash	26,376	0.0005%
Put Option	17/11/2023	Cash	26,353	0.0005%
Call Option	20/12/2024	Cash	26,142	0.0005%
Call Option	20/12/2024	Cash	26,142	0.0005%
Call Option	29/11/2024	Cash	26,072	0.0005%
Call Option	26/09/2023	Cash	26,030	0.0005%
Call Option	26/09/2023	Cash	26,030	0.0005%
Call Option	26/09/2023	Cash	26,030	0.0005%
Forward	17/03/2023	Cash	25,900	0.0005%
Call Option	24/02/2027	Cash	25,833	0.0005%
Call Option	24/02/2027	Cash	25,833	0.0005%
Call Option	24/02/2027	Cash	25,833	0.0005%
Call Option	19/12/2025	Cash	25,830	0.0005%
Call Option	15/12/2023	Cash	25,828	0.0005%
Call Warrant	31/12/2030	cash	25,799	0.0005%
Put Option	18/12/2026	Cash	25,788	0.0005%
Put Option	20/12/2024	Cash	25,691	0.0005%
Put Option	18/12/2026	Cash	25,560	0.0005%
Call Option	16/10/2025	Cash	25,449	0.0005%
Call Option	16/10/2025	Cash	25,449	0.0005%
Call Option	16/10/2025	Cash	25,449	0.0005%
Put Option	15/12/2023	Cash	25,412	0.0005%
Call Option	15/12/2023	Cash	25,330	0.0004%
Swap	22/11/2032	Cash	25,269	0.0004%
Put Option	16/06/2023	Cash	25,233	0.0004%
Future	17/03/2023	Cash	25,196	0.0004%
Call Option	27/01/2023	Cash	25,151	0.0004%
Call Option	27/01/2023	Cash	25,151	0.0004%
Call Option	27/01/2023	Cash	25,151	0.0004%
Put Option	20/12/2024	Cash	25,083	0.0004%
Put Option	16/06/2023	Cash	24,897	0.0004%
Call Option	19/05/2023	Cash	24,834	0.0004%
Put Option	17/12/2027	Cash	24,780	0.0004%
Call Option	02/01/2024	Cash	24,700	0.0004%
Call Option	02/01/2024	Cash	24,700	0.0004%
Call Option	02/01/2024	Cash	24,700	0.0004%
Call Option	20/01/2023	Cash	24,630	0.0004%
Put Option	21/06/2024	Cash	24,529	0.0004%
Put Option	15/12/2023	Cash	24,390	0.0004%
Put Option	15/12/2023	Cash	24,382	0.0004%
Put Option	20/12/2024	Cash	24,330	0.0004%
Call Option	17/02/2023	Cash	24,306	0.0004%
Call Option	17/03/2023	Cash	24,265	0.0004%

Call Option	23/02/2023	Cash	24,241	0.0004%
Call Option	23/02/2023	Cash	24,241	0.0004%
Call Option	23/02/2023	Cash	24,241	0.0004%
Put Option	18/10/2023	Cash	24,193	0.0004%
Put Option	18/12/2026	Cash	24,186	0.0004%
Call Option	15/12/2023	Cash	23,983	0.0004%
Put Option	17/03/2023	Cash	23,906	0.0004%
Future	16/06/2023	Cash	23,815	0.0004%
Call Option	30/05/2025	Cash	23,745	0.0004%
Call Option	30/05/2025	Cash	23,745	0.0004%
Call Option	30/05/2025	Cash	23,745	0.0004%
Put Option	15/09/2023	Cash	23,745	0.0004%
Put Option	15/12/2023	Cash	23,712	0.0004%
Put Option	17/03/2023	Cash	23,678	0.0004%
Put Option	17/02/2023	Cash	23,565	0.0004%
Call Option	26/01/2028	Cash	23,538	0.0004%
Call Option	26/01/2028	Cash	23,538	0.0004%
Put Option	15/12/2028	Cash	23,499	0.0004%
Call Option	15/12/2023	Cash	23,475	0.0004%
Put Option	21/06/2024	Cash	23,456	0.0004%
Put Option	20/12/2024	Cash	23,337	0.0004%
Put Option	15/12/2028	Cash	23,307	0.0004%
Call Option	18/12/2026	Cash	23,306	0.0004%
Put Option	16/06/2023	Cash	22,965	0.0004%
Call Option	20/12/2024	Cash	22,946	0.0004%
Put Option	15/12/2023	Cash	22,871	0.0004%
Put Option	15/12/2023	Cash	22,871	0.0004%
Put Option	15/12/2023	Cash	22,825	0.0004%
Put Option	16/06/2023	Cash	22,722	0.0004%
Call Option	21/06/2024	Cash	22,702	0.0004%
Call Option	17/12/2027	Cash	22,701	0.0004%
Put Option	17/12/2027	Cash	22,583	0.0004%
Call Option	01/12/2025	Cash	22,526	0.0004%
Call Option	01/12/2025	Cash	22,526	0.0004%
Call Option	01/12/2025	Cash	22,512	0.0004%
Put Option	19/12/2025	Cash	22,507	0.0004%
Call Option	14/02/2025	Cash	22,388	0.0004%
Call Option	14/02/2025	Cash	22,388	0.0004%
Call Option	14/02/2025	Cash	22,388	0.0004%
Call Option	20/12/2024	Cash	22,346	0.0004%
Put Option	15/12/2023	Cash	22,252	0.0004%
Call Option	20/01/2023	Cash	22,250	0.0004%
Put Option	15/12/2023	Cash	22,202	0.0004%
Call Option	21/06/2024	Cash	21,946	0.0004%
Call Option	13/11/2025	Cash	21,801	0.0004%
Call Option	13/11/2025	Cash	21,801	0.0004%
Call Option	13/11/2025	Cash	21,801	0.0004%
Call Option	31/10/2024	Cash	21,725	0.0004%
Call Option	31/10/2024	Cash	21,725	0.0004%
Call Option	31/10/2024	Cash	21,725	0.0004%
Call Option	18/12/2026	Cash	21,677	0.0004%
Call Option	17/02/2023	Cash	21,669	0.0004%
Put Option	21/04/2023	Cash	21,611	0.0004%
Put Option	15/12/2023	Cash	21,600	0.0004%
Put Option	15/12/2028	Cash	21,596	0.0004%

Put Option	15/12/2023	Cash	21,593	0.0004%
Put Option	20/12/2024	Cash	21,576	0.0004%
Put Option	17/03/2023	Cash	21,561	0.0004%
Put Option	15/12/2028	Cash	21,469	0.0004%
Put Option	19/12/2025	Cash	21,374	0.0004%
Call Option	26/07/2028	Cash	21,343	0.0004%
Call Option	26/07/2028	Cash	21,343	0.0004%
Call Option	26/07/2028	Cash	21,343	0.0004%
Put Option	15/12/2023	Cash	21,300	0.0004%
Put Option	17/03/2023	Cash	21,243	0.0004%
Call Option	15/12/2023	Cash	21,229	0.0004%
Put Option	21/12/2029	Cash	21,034	0.0004%
Call Option	28/06/2024	Cash	20,966	0.0004%
Call Option	28/06/2024	Cash	20,966	0.0004%
Call Option	28/06/2024	Cash	20,966	0.0004%
Put Option	17/03/2023	Cash	20,935	0.0004%
Call Option	31/03/2027	Cash	20,803	0.0004%
Call Option	31/03/2027	Cash	20,803	0.0004%
Call Option	31/03/2027	Cash	20,803	0.0004%
Call Option	15/12/2023	Cash	20,641	0.0004%
Put Option	21/07/2023	Cash	20,540	0.0004%
Put Option	15/12/2023	Cash	20,523	0.0004%
Put Option	15/12/2023	Cash	20,518	0.0004%
Put Option	17/11/2023	Cash	20,446	0.0004%
Put Option	21/06/2024	Cash	20,437	0.0004%
Call Option	15/12/2023	Cash	20,325	0.0004%
Call Option	16/06/2023	Cash	20,285	0.0004%
Call Option	15/12/2023	Cash	20,274	0.0004%
Call Option	16/06/2023	Cash	20,237	0.0004%
Call Option	15/12/2023	Cash	20,194	0.0004%
Call Option	15/12/2028	Cash	20,033	0.0004%
Call Warrant	31/12/2030	cash	20,000	0.0004%
Put Option	19/12/2025	Cash	19,955	0.0004%
Call Option	15/12/2023	Cash	19,947	0.0004%
Call Option	31/01/2024	Cash	19,877	0.0004%
Call Option	31/01/2024	Cash	19,877	0.0004%
Call Option	31/01/2024	Cash	19,877	0.0004%
Call Option	20/12/2030	Cash	19,807	0.0004%
Future	15/12/2023	Cash	19,771	0.0004%
Call Option	21/07/2023	Cash	19,705	0.0003%
Put Option	21/06/2024	Cash	19,593	0.0003%
Put Option	21/06/2024	Cash	19,565	0.0003%
Call Option	11/02/2025	Cash	19,559	0.0003%
Call Option	11/02/2025	Cash	19,559	0.0003%
Call Option	11/02/2025	Cash	19,559	0.0003%
Put Option	20/12/2024	Cash	19,474	0.0003%
Call Option	09/12/2024	Cash	19,412	0.0003%
Call Option	09/12/2024	Cash	19,412	0.0003%
Call Option	09/12/2024	Cash	19,412	0.0003%
Put Option	19/12/2025	Cash	19,407	0.0003%
Put Option	19/05/2023	Cash	19,326	0.0003%
Call Option	19/02/2026	Cash	19,286	0.0003%
Call Option	19/02/2026	Cash	19,286	0.0003%
Call Option	19/02/2026	Cash	19,286	0.0003%
Swap	04/05/2027	Cash	19,086	0.0003%

Call Option	18/12/2026	Cash	19,020	0.0003%
Call Option	22/06/2023	Cash	18,995	0.0003%
Call Option	15/12/2023	Cash	18,660	0.0003%
Call Option	20/12/2024	Cash	18,645	0.0003%
Put Option	16/06/2023	Cash	18,601	0.0003%
Put Option	20/12/2024	Cash	18,521	0.0003%
Put Option	20/12/2024	Cash	18,507	0.0003%
Put Option	15/12/2023	Cash	18,496	0.0003%
Call Option	05/08/2024	Cash	18,492	0.0003%
Put Option	20/01/2023	Cash	18,289	0.0003%
Call Option	17/03/2023	Cash	18,281	0.0003%
Call Option	15/12/2023	Cash	18,244	0.0003%
Call Option	13/03/2023	Cash	18,220	0.0003%
Put Option	17/02/2023	Cash	18,218	0.0003%
Call Option	20/12/2024	Cash	18,201	0.0003%
Put Option	15/12/2023	Cash	18,184	0.0003%
Future	17/03/2023	Cash	18,165	0.0003%
Put Option	19/05/2023	Cash	18,137	0.0003%
Future	17/03/2023	Cash	18,115	0.0003%
Call Option	15/12/2023	Cash	18,051	0.0003%
Swap	29/07/2025	Cash	17,918	0.0003%
Forward	17/03/2023	Cash	17,912	0.0003%
Put Option	18/12/2026	Cash	17,873	0.0003%
Put Option	17/12/2027	Cash	17,802	0.0003%
Call Option	17/02/2023	Cash	17,606	0.0003%
Call Option	15/12/2028	Cash	17,596	0.0003%
Call Option	15/12/2023	Cash	17,594	0.0003%
Put Option	21/12/2029	Cash	17,540	0.0003%
Call Option	19/12/2025	Cash	17,475	0.0003%
Put Option	19/12/2025	Cash	17,279	0.0003%
Call Option	30/04/2024	Cash	17,238	0.0003%
Call Option	30/04/2024	Cash	17,238	0.0003%
Call Option	30/04/2024	Cash	17,238	0.0003%
Call Option	15/12/2023	Cash	17,233	0.0003%
Call Option	21/06/2024	Cash	17,210	0.0003%
Put Option	19/12/2025	Cash	17,175	0.0003%
Call Option	22/01/2025	Cash	17,127	0.0003%
Call Option	22/01/2025	Cash	17,127	0.0003%
Call Option	19/10/2023	Cash	16,924	0.0003%
Call Option	21/04/2023	Cash	16,872	0.0003%
Put Option	17/12/2027	Cash	16,826	0.0003%
Put Option	19/12/2025	Cash	16,804	0.0003%
Call Option	15/12/2028	Cash	16,793	0.0003%
Put Option	20/12/2024	Cash	16,667	0.0003%
Put Option	15/12/2023	Cash	16,647	0.0003%
Call Option	02/01/2023	Cash	16,636	0.0003%
Call Option	02/01/2023	Cash	16,636	0.0003%
Call Option	02/01/2023	Cash	16,636	0.0003%
Put Option	17/12/2027	Cash	16,537	0.0003%
Call Option	20/01/2025	Cash	16,486	0.0003%
Future	17/03/2023	Cash	16,480	0.0003%
Call Option	16/06/2023	Cash	16,469	0.0003%
Put Option	20/12/2024	Cash	16,347	0.0003%
Call Option	31/01/2025	Cash	16,333	0.0003%
Call Option	31/01/2025	Cash	16,333	0.0003%

Call Option	31/01/2025	Cash	16,333	0.0003%
Put Option	20/10/2023	Cash	16,295	0.0003%
Call Option	15/09/2023	Cash	16,271	0.0003%
Call Option	17/12/2027	Cash	16,260	0.0003%
Put Option	20/12/2024	Cash	16,242	0.0003%
Swap	09/03/2023	Cash	16,236	0.0003%
Put Option	20/01/2023	Cash	16,233	0.0003%
Call Option	14/01/2032	Cash	16,210	0.0003%
Call Option	14/01/2032	Cash	16,210	0.0003%
Call Option	14/01/2032	Cash	16,210	0.0003%
Put Option	16/06/2023	Cash	16,207	0.0003%
Call Option	15/12/2023	Cash	16,196	0.0003%
Call Option	27/12/2024	Cash	16,156	0.0003%
Call Option	27/12/2024	Cash	16,156	0.0003%
Call Option	27/12/2024	Cash	16,156	0.0003%
Call Option	16/06/2023	Cash	16,156	0.0003%
Future	16/12/2022	Cash	16,129	0.0003%
Put Option	15/09/2023	Cash	16,054	0.0003%
Put Option	18/12/2026	Cash	16,024	0.0003%
Put Option	20/01/2023	Cash	16,011	0.0003%
Call Warrant	31/12/2030	cash	16,000	0.0003%
Call Option	20/12/2030	Cash	15,992	0.0003%
Call Option	17/02/2023	Cash	15,921	0.0003%
Put Option	15/12/2028	Cash	15,797	0.0003%
Call Option	01/03/2027	Cash	15,797	0.0003%
Call Option	01/03/2027	Cash	15,797	0.0003%
Call Option	01/03/2027	Cash	15,797	0.0003%
Call Option	21/04/2023	Cash	15,789	0.0003%
Call Option	15/12/2023	Cash	15,759	0.0003%
Put Option	20/12/2024	Cash	15,707	0.0003%
Put Option	17/12/2027	Cash	15,674	0.0003%
Swap	08/12/2025	Cash	15,668	0.0003%
Call Option	20/12/2024	Cash	15,472	0.0003%
Call Option	20/01/2023	Cash	15,442	0.0003%
Call Option	20/12/2024	Cash	15,394	0.0003%
Put Option	21/04/2023	Cash	15,362	0.0003%
Call Option	17/02/2023	Cash	15,361	0.0003%
Call Option	20/12/2024	Cash	15,290	0.0003%
Call Option	26/01/2023	Cash	15,288	0.0003%
Call Option	03/08/2023	Cash	15,274	0.0003%
Put Option	21/06/2024	Cash	15,220	0.0003%
Call Option	15/12/2023	Cash	15,194	0.0003%
Call Option	20/01/2023	Cash	15,148	0.0003%
Put Option	19/12/2025	Cash	15,032	0.0003%
Put Option	15/12/2028	Cash	14,994	0.0003%
Put Option	21/04/2023	Cash	14,989	0.0003%
Put Option	17/03/2023	Cash	14,968	0.0003%
Call Option	20/12/2024	Cash	14,916	0.0003%
Swap	20/10/2032	Cash	14,895	0.0003%
Future	17/03/2023	Cash	14,895	0.0003%
Call Option	17/03/2023	Cash	14,885	0.0003%
Call Option	28/07/2027	Cash	14,734	0.0003%
Call Option	28/07/2027	Cash	14,734	0.0003%
Call Option	28/07/2027	Cash	14,734	0.0003%
Call Option	23/03/2026	Cash	14,622	0.0003%

Call Option	23/03/2026	Cash	14,622	0.0003%
Call Option	23/03/2026	Cash	14,622	0.0003%
Put Option	18/12/2026	Cash	14,601	0.0003%
Call Option	30/09/2024	Cash	14,571	0.0003%
Call Option	30/09/2024	Cash	14,571	0.0003%
Call Option	30/09/2024	Cash	14,571	0.0003%
Call Option	24/11/2026	Cash	14,567	0.0003%
Call Option	18/12/2026	Cash	14,565	0.0003%
Call Option	15/12/2023	Cash	14,535	0.0003%
Put Option	16/06/2023	Cash	14,503	0.0003%
Call Option	31/03/2028	Cash	14,487	0.0003%
Call Option	31/03/2028	Cash	14,487	0.0003%
Call Option	31/03/2028	Cash	14,487	0.0003%
Future	17/12/2026	Cash	14,440	0.0003%
Put Option	15/12/2023	Cash	14,384	0.0003%
Forward	17/03/2023	Cash	14,358	0.0003%
Put Option	18/12/2026	Cash	14,327	0.0003%
Put Option	15/12/2023	Cash	14,319	0.0003%
Put Option	20/12/2024	Cash	14,310	0.0003%
Put Option	19/12/2025	Cash	14,250	0.0003%
Call Option	08/02/2023	Cash	14,212	0.0003%
Call Option	08/02/2023	Cash	14,212	0.0003%
Call Option	08/02/2023	Cash	14,212	0.0003%
Call Option	15/12/2023	Cash	14,156	0.0003%
Call Option	17/03/2023	Cash	14,129	0.0003%
Call Option	20/12/2024	Cash	14,116	0.0003%
Call Option	19/08/2024	Cash	14,089	0.0003%
Call Option	19/08/2024	Cash	14,089	0.0003%
Call Option	19/08/2024	Cash	14,089	0.0003%
Put Option	20/01/2023	Cash	14,087	0.0003%
Call Option	20/12/2024	Cash	14,084	0.0003%
Put Option	15/12/2023	Cash	14,019	0.0002%
Put Option	18/12/2026	Cash	13,993	0.0002%
Put Option	17/02/2023	Cash	13,989	0.0002%
Swap	11/10/2032	Cash	13,937	0.0002%
Put Option	18/12/2026	Cash	13,901	0.0002%
Put Option	17/02/2023	Cash	13,884	0.0002%
Put Option	21/06/2024	Cash	13,837	0.0002%
Call Option	18/12/2026	Cash	13,751	0.0002%
Call Option	30/05/2025	Cash	13,721	0.0002%
Call Option	30/05/2025	Cash	13,721	0.0002%
Call Option	30/05/2025	Cash	13,721	0.0002%
Call Option	27/12/2023	Cash	13,696	0.0002%
Call Option	27/12/2023	Cash	13,696	0.0002%
Call Option	27/12/2023	Cash	13,696	0.0002%
Put Option	20/12/2024	Cash	13,692	0.0002%
Put Option	15/12/2028	Cash	13,680	0.0002%
Put Option	16/06/2023	Cash	13,675	0.0002%
Call Option	20/12/2024	Cash	13,570	0.0002%
Put Option	20/01/2023	Cash	13,569	0.0002%
Future	17/03/2023	Cash	13,539	0.0002%
Call Option	11/03/2024	Cash	13,525	0.0002%
Call Option	11/03/2024	Cash	13,525	0.0002%
Call Option	11/03/2024	Cash	13,525	0.0002%
Call Option	16/06/2023	Cash	13,523	0.0002%

Future	17/03/2023	Cash	13,515	0.0002%
Call Option	22/03/2024	Cash	13,451	0.0002%
Put Option	21/07/2023	Cash	13,414	0.0002%
Put Option	15/09/2023	Cash	13,403	0.0002%
Call Option	20/12/2024	Cash	13,376	0.0002%
Put Option	17/12/2027	Cash	13,326	0.0002%
Put Option	15/09/2023	Cash	13,315	0.0002%
Call Option	18/12/2026	Cash	13,284	0.0002%
Call Option	17/02/2023	Cash	13,246	0.0002%
Swap	13/03/2023	Cash	13,211	0.0002%
Put Option	16/06/2023	Cash	13,209	0.0002%
Put Option	19/12/2025	Cash	13,203	0.0002%
Put Option	18/12/2026	Cash	13,185	0.0002%
Call Option	26/07/2023	Cash	13,165	0.0002%
Call Option	26/07/2023	Cash	13,165	0.0002%
Call Option	26/07/2023	Cash	13,165	0.0002%
Put Option	20/01/2023	Cash	13,142	0.0002%
Put Option	16/06/2023	Cash	13,128	0.0002%
Call Option	28/02/2025	Cash	13,081	0.0002%
Call Option	28/02/2025	Cash	13,081	0.0002%
Put Option	17/12/2027	Cash	13,068	0.0002%
Call Option	28/02/2025	Cash	13,064	0.0002%
Call Option	21/04/2023	Cash	13,023	0.0002%
Call Option	12/06/2023	Cash	13,022	0.0002%
Put Option	21/06/2024	Cash	13,015	0.0002%
Put Option	15/12/2023	Cash	12,960	0.0002%
Call Option	15/12/2023	Cash	12,910	0.0002%
Put Option	16/06/2023	Cash	12,849	0.0002%
Call Option	30/05/2025	Cash	12,831	0.0002%
Call Option	30/05/2025	Cash	12,831	0.0002%
Call Option	30/05/2025	Cash	12,831	0.0002%
Call Option	31/07/2025	Cash	12,771	0.0002%
Call Option	31/07/2025	Cash	12,771	0.0002%
Call Option	31/07/2025	Cash	12,771	0.0002%
Call Warrant	17/02/2023	physical	12,727	0.0002%
Call Option	27/01/2027	Cash	12,719	0.0002%
Call Option	27/01/2027	Cash	12,719	0.0002%
Call Option	27/01/2027	Cash	12,719	0.0002%
Call Option	15/12/2023	Cash	12,703	0.0002%
Swap	22/05/2023	Cash	12,679	0.0002%
Put Option	19/12/2025	Cash	12,678	0.0002%
Put Option	17/12/2027	Cash	12,675	0.0002%
Put Option	15/12/2023	Cash	12,670	0.0002%
Forward	17/03/2023	Cash	12,581	0.0002%
Put Option	15/12/2028	Cash	12,557	0.0002%
Call Option	20/12/2024	Cash	12,550	0.0002%
Put Option	18/12/2026	Cash	12,536	0.0002%
Put Option	20/12/2024	Cash	12,526	0.0002%
Put Option	17/03/2023	Cash	12,504	0.0002%
Put Option	19/12/2025	Cash	12,462	0.0002%
Put Option	19/12/2025	Cash	12,462	0.0002%
Put Option	16/06/2023	Cash	12,423	0.0002%
Call Option	28/08/2024	Cash	12,263	0.0002%
Put Option	15/12/2023	Cash	12,258	0.0002%
Call Option	30/08/2024	Cash	12,258	0.0002%

Call Option	30/08/2024	Cash	12,258	0.0002%
Put Option	17/12/2027	Cash	12,256	0.0002%
Call Option	31/01/2028	Cash	12,226	0.0002%
Call Option	31/01/2028	Cash	12,226	0.0002%
Call Option	31/01/2028	Cash	12,226	0.0002%
Call Option	28/07/2025	Cash	12,216	0.0002%
Call Option	31/07/2023	Cash	12,212	0.0002%
Call Option	31/07/2023	Cash	12,212	0.0002%
Call Option	31/07/2023	Cash	12,212	0.0002%
Put Option	15/12/2023	Cash	12,180	0.0002%
Call Option	28/03/2023	Cash	12,126	0.0002%
Call Option	16/06/2023	Cash	12,043	0.0002%
Put Option	15/12/2023	Cash	11,994	0.0002%
Put Option	19/12/2025	Cash	11,985	0.0002%
Put Option	17/02/2023	Cash	11,935	0.0002%
Call Option	12/06/2023	Cash	11,933	0.0002%
Future	16/12/2022	Cash	11,899	0.0002%
Call Option	17/03/2023	Cash	11,880	0.0002%
Put Option	21/04/2023	Cash	11,847	0.0002%
Put Option	16/06/2023	Cash	11,845	0.0002%
Put Option	20/01/2023	Cash	11,839	0.0002%
Forward	17/03/2023	Cash	11,829	0.0002%
Call Option	15/12/2023	Cash	11,825	0.0002%
Call Option	20/12/2024	Cash	11,719	0.0002%
Call Option	20/12/2024	Cash	11,719	0.0002%
Call Option	17/12/2025	Cash	11,689	0.0002%
Call Option	17/12/2025	Cash	11,689	0.0002%
Call Option	17/12/2025	Cash	11,689	0.0002%
Call Option	19/12/2025	Cash	11,676	0.0002%
Call Option	15/01/2024	Cash	11,651	0.0002%
Swap	08/03/2023	Cash	11,647	0.0002%
Put Option	15/12/2023	Cash	11,639	0.0002%
Put Option	15/12/2023	Cash	11,555	0.0002%
Put Option	17/03/2023	Cash	11,542	0.0002%
Call Option	20/12/2024	Cash	11,502	0.0002%
Call Option	31/05/2024	Cash	11,476	0.0002%
Call Option	31/05/2024	Cash	11,476	0.0002%
Call Option	31/05/2024	Cash	11,476	0.0002%
Put Option	20/01/2023	Cash	11,432	0.0002%
Put Option	12/06/2023	Cash	11,404	0.0002%
Put Option	20/01/2023	Cash	11,325	0.0002%
Call Option	15/12/2028	Cash	11,301	0.0002%
Put Option	20/01/2023	Cash	11,258	0.0002%
Put Option	18/12/2026	Cash	11,225	0.0002%
Call Option	15/12/2028	Cash	11,212	0.0002%
Call Option	15/12/2028	Cash	11,212	0.0002%
Call Option	15/12/2028	Cash	11,202	0.0002%
Call Option	01/12/2025	Cash	11,151	0.0002%
Call Option	06/01/2025	Cash	11,121	0.0002%
Call Option	06/01/2025	Cash	11,121	0.0002%
Call Option	06/01/2025	Cash	11,121	0.0002%
Future	17/03/2023	Cash	11,070	0.0002%
Call Warrant	17/03/2023	cash	11,000	0.0002%
Put Option	20/12/2024	Cash	10,951	0.0002%
Put Option	18/12/2026	Cash	10,887	0.0002%

Call Option	21/06/2024	Cash	10,856	0.0002%
Put Option	21/06/2024	Cash	10,851	0.0002%
Put Option	18/12/2026	Cash	10,837	0.0002%
Put Option	17/03/2023	Cash	10,802	0.0002%
Call Option	31/08/2023	Cash	10,799	0.0002%
Call Option	31/08/2023	Cash	10,799	0.0002%
Call Option	31/08/2023	Cash	10,799	0.0002%
Call Option	16/06/2023	Cash	10,756	0.0002%
Call Option	31/07/2024	Cash	10,754	0.0002%
Call Option	31/07/2024	Cash	10,754	0.0002%
Call Option	31/07/2024	Cash	10,754	0.0002%
Call Option	02/07/2024	Cash	10,680	0.0002%
Put Option	20/12/2024	Cash	10,677	0.0002%
Call Option	02/04/2024	Cash	10,648	0.0002%
Call Option	02/04/2024	Cash	10,648	0.0002%
Call Option	02/04/2024	Cash	10,648	0.0002%
Call Option	24/11/2026	Cash	10,620	0.0002%
Call Option	20/12/2024	Cash	10,519	0.0002%
Put Option	17/12/2027	Cash	10,510	0.0002%
Put Option	20/12/2030	Cash	10,454	0.0002%
Call Option	18/12/2026	Cash	10,446	0.0002%
Call Option	27/10/2026	Cash	10,445	0.0002%
Put Option	20/12/2024	Cash	10,394	0.0002%
Put Option	20/12/2024	Cash	10,394	0.0002%
Call Option	15/12/2023	Cash	10,328	0.0002%
Swap	15/12/2027	Cash	10,290	0.0002%
Forward	16/06/2023	Cash	10,245	0.0002%
Put Option	15/12/2023	Cash	10,210	0.0002%
Put Option	15/12/2023	Cash	10,198	0.0002%
Call Option	15/12/2023	Cash	10,161	0.0002%
Call Option	02/07/2030	Cash	10,124	0.0002%
Call Option	02/07/2030	Cash	10,124	0.0002%
Put Option	21/04/2023	Cash	9,985	0.0002%
Call Option	15/12/2023	Cash	9,904	0.0002%
Put Option	20/01/2023	Cash	9,894	0.0002%
Call Option	20/01/2025	Cash	9,873	0.0002%
Put Option	15/12/2023	Cash	9,826	0.0002%
Call Option	30/04/2024	Cash	9,789	0.0002%
Call Option	30/04/2024	Cash	9,789	0.0002%
Call Option	30/04/2024	Cash	9,789	0.0002%
Put Option	20/12/2030	Cash	9,761	0.0002%
Put Option	17/02/2023	Cash	9,759	0.0002%
Call Option	15/12/2023	Cash	9,669	0.0002%
Put Option	20/12/2024	Cash	9,614	0.0002%
Put Option	15/09/2023	Cash	9,612	0.0002%
Put Option	17/02/2023	Cash	9,571	0.0002%
Put Option	20/12/2024	Cash	9,552	0.0002%
Call Option	15/12/2028	Cash	9,523	0.0002%
Call Option	15/12/2028	Cash	9,523	0.0002%
Put Option	18/12/2026	Cash	9,475	0.0002%
Call Option	29/04/2025	Cash	9,461	0.0002%
Put Option	20/12/2024	Cash	9,424	0.0002%
Future	17/03/2023	Cash	9,422	0.0002%
Call Option	22/01/2027	Cash	9,395	0.0002%
Call Option	22/01/2027	Cash	9,395	0.0002%

Call Option	22/01/2027	Cash	9,395	0.0002%
Put Option	17/03/2023	Cash	9,382	0.0002%
Swap	16/09/2027	Cash	9,375	0.0002%
Put Option	15/12/2023	Cash	9,366	0.0002%
Put Option	15/12/2023	Cash	9,360	0.0002%
Call Warrant	31/12/2030	cash	9,359	0.0002%
Call Option	15/12/2023	Cash	9,350	0.0002%
Call Option	28/10/2024	Cash	9,347	0.0002%
Put Option	19/12/2025	Cash	9,283	0.0002%
Put Option	20/12/2024	Cash	9,282	0.0002%
Put Option	18/12/2026	Cash	9,276	0.0002%
Put Option	15/12/2028	Cash	9,233	0.0002%
Put Option	15/12/2023	Cash	9,231	0.0002%
Put Option	02/02/2026	Cash	9,188	0.0002%
Put Option	18/12/2026	Cash	9,144	0.0002%
Put Option	15/12/2023	Cash	9,119	0.0002%
Put Option	18/12/2026	Cash	9,114	0.0002%
Call Option	15/12/2023	Cash	9,110	0.0002%
Put Option	15/12/2023	Cash	9,089	0.0002%
Call Option	29/07/2024	Cash	9,038	0.0002%
Call Option	29/07/2024	Cash	9,038	0.0002%
Call Option	29/07/2024	Cash	9,038	0.0002%
Put Option	17/02/2023	Cash	9,023	0.0002%
Call Warrant	31/12/2030	cash	9,000	0.0002%
Put Option	19/12/2025	Cash	8,989	0.0002%
Future	17/03/2023	Cash	8,986	0.0002%
Call Option	15/12/2023	Cash	8,890	0.0002%
Put Option	15/12/2023	Cash	8,889	0.0002%
Call Option	30/11/2023	Cash	8,880	0.0002%
Call Option	28/07/2025	Cash	8,856	0.0002%
Call Option	15/12/2023	Cash	8,787	0.0002%
Put Option	18/10/2023	Cash	8,762	0.0002%
Call Option	15/01/2024	Cash	8,689	0.0002%
Call Option	15/01/2024	Cash	8,689	0.0002%
Call Option	15/01/2024	Cash	8,689	0.0002%
Call Option	21/04/2023	Cash	8,682	0.0002%
Put Option	20/01/2023	Cash	8,661	0.0002%
Call Option	15/04/2024	Cash	8,636	0.0002%
Call Option	15/04/2024	Cash	8,636	0.0002%
Call Option	15/04/2024	Cash	8,636	0.0002%
Put Option	18/12/2026	Cash	8,591	0.0002%
Call Option	15/09/2023	Cash	8,590	0.0002%
Put Option	09/02/2026	Cash	8,582	0.0002%
Call Option	30/04/2026	Cash	8,570	0.0002%
Call Option	30/04/2026	Cash	8,570	0.0002%
Call Option	30/04/2026	Cash	8,570	0.0002%
Call Option	08/07/2025	Cash	8,567	0.0002%
Call Option	08/07/2025	Cash	8,567	0.0002%
Call Option	08/07/2025	Cash	8,567	0.0002%
Put Option	20/12/2024	Cash	8,562	0.0002%
Call Option	30/04/2025	Cash	8,535	0.0002%
Call Option	30/04/2025	Cash	8,535	0.0002%
Call Option	30/04/2025	Cash	8,535	0.0002%
Call Option	11/09/2023	Cash	8,528	0.0002%
Call Option	11/09/2023	Cash	8,528	0.0002%

Call Option	11/09/2023	Cash	8,528	0.0002%
Call Option	16/06/2023	Cash	8,510	0.0002%
Call Option	31/07/2025	Cash	8,503	0.0002%
Call Option	31/07/2025	Cash	8,503	0.0002%
Call Option	31/07/2025	Cash	8,503	0.0002%
Call Option	29/12/2023	Cash	8,498	0.0002%
Put Option	20/12/2024	Cash	8,478	0.0002%
Call Option	18/12/2026	Cash	8,470	0.0002%
Call Option	27/08/2024	Cash	8,463	0.0002%
Call Option	27/08/2024	Cash	8,463	0.0002%
Call Option	27/08/2024	Cash	8,463	0.0002%
Put Option	18/12/2026	Cash	8,457	0.0002%
Call Option	23/12/2022	Cash	8,441	0.0001%
Call Option	18/12/2026	Cash	8,395	0.0001%
Put Option	20/01/2023	Cash	8,384	0.0001%
Put Option	15/12/2023	Cash	8,345	0.0001%
Put Option	31/05/2024	Cash	8,339	0.0001%
Put Option	31/05/2024	Cash	8,339	0.0001%
Put Option	31/05/2024	Cash	8,339	0.0001%
Put Option	21/06/2024	Cash	8,327	0.0001%
Put Option	20/12/2024	Cash	8,313	0.0001%
Put Option	15/12/2028	Cash	8,310	0.0001%
Call Option	20/12/2024	Cash	8,296	0.0001%
Call Option	30/12/2022	Cash	8,238	0.0001%
Call Option	20/12/2030	Cash	8,180	0.0001%
Call Option	16/06/2023	Cash	8,106	0.0001%
Call Option	20/12/2024	Cash	8,024	0.0001%
Put Option	15/12/2023	Cash	7,955	0.0001%
Call Option	22/05/2025	Cash	7,912	0.0001%
Call Option	22/05/2025	Cash	7,912	0.0001%
Call Option	22/05/2025	Cash	7,912	0.0001%
Put Option	16/06/2023	Cash	7,911	0.0001%
Put Option	15/12/2023	Cash	7,906	0.0001%
Call Option	20/12/2024	Cash	7,904	0.0001%
Put Option	21/06/2024	Cash	7,894	0.0001%
Put Option	20/12/2024	Cash	7,880	0.0001%
Put Option	16/06/2023	Cash	7,877	0.0001%
Call Option	24/01/2024	Cash	7,844	0.0001%
Call Option	24/01/2024	Cash	7,844	0.0001%
Call Option	24/01/2024	Cash	7,844	0.0001%
Put Option	15/12/2023	Cash	7,837	0.0001%
Call Option	19/12/2025	Cash	7,769	0.0001%
Call Option	22/01/2024	Cash	7,763	0.0001%
Call Option	22/01/2024	Cash	7,763	0.0001%
Call Option	31/03/2028	Cash	7,732	0.0001%
Call Option	31/03/2028	Cash	7,732	0.0001%
Call Option	31/03/2028	Cash	7,732	0.0001%
Put Option	15/12/2023	Cash	7,727	0.0001%
Call Option	31/01/2029	Cash	7,690	0.0001%
Call Option	31/01/2029	Cash	7,690	0.0001%
Call Option	15/12/2023	Cash	7,680	0.0001%
Call Option	31/01/2029	Cash	7,647	0.0001%
Put Option	20/01/2023	Cash	7,636	0.0001%
Put Option	19/12/2025	Cash	7,615	0.0001%
Put Option	17/03/2023	Cash	7,509	0.0001%

Call Option	19/11/2026	Cash	7,502	0.0001%
Call Option	22/01/2024	Cash	7,499	0.0001%
Call Option	18/12/2026	Cash	7,485	0.0001%
Call Option	24/02/2027	Cash	7,431	0.0001%
Call Option	24/02/2027	Cash	7,431	0.0001%
Call Option	24/02/2027	Cash	7,431	0.0001%
Call Option	06/12/2023	Cash	7,430	0.0001%
Call Option	06/12/2023	Cash	7,430	0.0001%
Call Option	06/12/2023	Cash	7,430	0.0001%
Put Option	15/12/2023	Cash	7,424	0.0001%
Put Option	20/12/2024	Cash	7,408	0.0001%
Call Option	20/12/2024	Cash	7,394	0.0001%
Call Option	17/02/2023	Cash	7,393	0.0001%
Put Option	16/06/2023	Cash	7,391	0.0001%
Put Option	20/12/2024	Cash	7,386	0.0001%
Call Option	15/12/2028	Cash	7,378	0.0001%
Put Option	20/12/2030	Cash	7,366	0.0001%
Put Option	15/09/2023	Cash	7,353	0.0001%
Put Option	20/12/2024	Cash	7,351	0.0001%
Put Option	15/12/2023	Cash	7,343	0.0001%
Put Option	16/06/2023	Cash	7,304	0.0001%
Call Option	18/12/2026	Cash	7,287	0.0001%
Put Option	15/12/2023	Cash	7,276	0.0001%
Call Option	16/06/2023	Cash	7,274	0.0001%
Call Option	20/12/2024	Cash	7,271	0.0001%
Call Option	18/12/2026	Cash	7,251	0.0001%
Call Option	24/01/2023	Cash	7,235	0.0001%
Call Option	24/01/2023	Cash	7,235	0.0001%
Call Option	24/01/2023	Cash	7,235	0.0001%
Call Option	15/12/2028	Cash	7,214	0.0001%
Call Option	18/12/2023	Cash	7,180	0.0001%
Put Option	18/12/2026	Cash	7,173	0.0001%
Put Option	18/12/2026	Cash	7,173	0.0001%
Put Option	20/12/2024	Cash	7,164	0.0001%
Put Option	20/12/2024	Cash	7,118	0.0001%
Put Option	20/12/2024	Cash	7,118	0.0001%
Put Option	20/12/2024	Cash	7,118	0.0001%
Put Option	15/12/2028	Cash	7,092	0.0001%
Call Option	27/06/2023	Cash	7,074	0.0001%
Put Option	20/12/2024	Cash	7,073	0.0001%
Call Option	30/11/2023	Cash	7,073	0.0001%
Call Option	30/11/2023	Cash	7,073	0.0001%
Call Option	30/11/2023	Cash	7,073	0.0001%
Call Option	17/12/2032	Cash	7,043	0.0001%
Call Option	17/02/2023	Cash	7,033	0.0001%
Call Option	31/08/2023	Cash	7,025	0.0001%
Call Option	31/08/2023	Cash	7,025	0.0001%
Call Option	31/08/2023	Cash	7,025	0.0001%
Put Option	15/12/2028	Cash	7,001	0.0001%
Put Option	15/12/2028	Cash	7,001	0.0001%
Put Option	20/12/2024	Cash	6,985	0.0001%
Call Option	27/03/2024	Cash	6,984	0.0001%
Call Option	27/03/2024	Cash	6,984	0.0001%
Call Option	27/03/2024	Cash	6,984	0.0001%
Put Option	15/12/2028	Cash	6,976	0.0001%
Call Option	04/12/2023	Cash	6,973	0.0001%

Call Option	04/12/2023	Cash	6,973	0.0001%
Call Option	04/12/2023	Cash	6,973	0.0001%
Call Option	20/12/2024	Cash	6,967	0.0001%
Swap	22/11/2032	Cash	6,959	0.0001%
Put Option	20/01/2023	Cash	6,923	0.0001%
Put Option	19/12/2025	Cash	6,910	0.0001%
Put Option	15/12/2023	Cash	6,895	0.0001%
Put Option	15/12/2023	Cash	6,895	0.0001%
Put Option	16/06/2023	Cash	6,884	0.0001%
Put Option	15/12/2023	Cash	6,878	0.0001%
Call Option	15/12/2023	Cash	6,859	0.0001%
Put Option	15/12/2028	Cash	6,840	0.0001%
Call Option	18/02/2025	Cash	6,804	0.0001%
Call Option	18/02/2025	Cash	6,804	0.0001%
Put Option	23/12/2022	Cash	6,729	0.0001%
Put Option	17/11/2023	Cash	6,723	0.0001%
Forward	17/03/2023	Cash	6,720	0.0001%
Put Option	16/02/2024	Cash	6,693	0.0001%
Call Option	26/04/2023	Cash	6,689	0.0001%
Call Option	26/04/2023	Cash	6,689	0.0001%
Call Option	26/04/2023	Cash	6,689	0.0001%
Call Option	28/01/2025	Cash	6,688	0.0001%
Call Option	28/01/2025	Cash	6,688	0.0001%
Call Option	28/01/2025	Cash	6,688	0.0001%
Call Option	15/12/2028	Cash	6,680	0.0001%
Put Option	21/06/2024	Cash	6,673	0.0001%
Put Option	20/01/2023	Cash	6,673	0.0001%
Call Option	29/12/2023	Cash	6,666	0.0001%
Call Option	16/06/2023	Cash	6,621	0.0001%
Put Option	15/12/2023	Cash	6,599	0.0001%
Put Option	17/03/2023	Cash	6,567	0.0001%
Call Option	30/06/2023	Cash	6,566	0.0001%
Call Option	30/06/2023	Cash	6,566	0.0001%
Call Option	30/06/2023	Cash	6,566	0.0001%
Call Option	20/12/2024	Cash	6,553	0.0001%
Put Option	15/12/2023	Cash	6,550	0.0001%
Future	17/03/2023	Cash	6,479	0.0001%
Put Option	20/12/2030	Cash	6,477	0.0001%
Call Option	13/11/2023	Cash	6,465	0.0001%
Call Option	13/11/2023	Cash	6,465	0.0001%
Call Option	13/11/2023	Cash	6,465	0.0001%
Call Option	28/12/2023	Cash	6,443	0.0001%
Call Option	28/12/2023	Cash	6,443	0.0001%
Call Option	28/12/2023	Cash	6,443	0.0001%
Put Option	19/12/2025	Cash	6,426	0.0001%
Call Option	28/08/2028	Cash	6,390	0.0001%
Put Option	16/06/2023	Cash	6,329	0.0001%
Put Option	18/12/2026	Cash	6,317	0.0001%
Call Option	03/07/2023	Cash	6,307	0.0001%
Future	16/12/2022	Cash	6,301	0.0001%
Put Option	15/12/2023	Cash	6,280	0.0001%
Swap	09/08/2027	Cash	6,279	0.0001%
Future	16/12/2022	Cash	6,248	0.0001%
Call Option	04/05/2026	Cash	6,241	0.0001%

Call Option	04/05/2026	Cash	6,241	0.0001%
Call Option	04/05/2026	Cash	6,241	0.0001%
Put Option	15/12/2023	Cash	6,167	0.0001%
Call Option	23/03/2026	Cash	6,142	0.0001%
Call Option	23/03/2026	Cash	6,142	0.0001%
Call Option	23/03/2026	Cash	6,142	0.0001%
Call Option	15/12/2023	Cash	6,123	0.0001%
Put Option	15/12/2028	Cash	6,116	0.0001%
Call Option	24/09/2025	Cash	6,103	0.0001%
Put Option	19/12/2025	Cash	6,092	0.0001%
Put Option	15/12/2023	Cash	6,069	0.0001%
Call Option	18/12/2026	Cash	6,061	0.0001%
Call Option	15/12/2023	Cash	6,024	0.0001%
Call Option	19/12/2025	Cash	6,014	0.0001%
Put Option	20/12/2024	Cash	6,000	0.0001%
Call Warrant	31/12/2030	cash	6,000	0.0001%
Call Warrant	31/12/2030	cash	6,000	0.0001%
Call Warrant	31/12/2030	cash	6,000	0.0001%
Call Option	15/12/2023	Cash	5,993	0.0001%
Put Option	15/12/2023	Cash	5,993	0.0001%
Call Option	15/12/2023	Cash	5,978	0.0001%
Put Option	17/03/2023	Cash	5,965	0.0001%
Call Option	07/08/2023	Cash	5,962	0.0001%
Call Option	07/08/2023	Cash	5,962	0.0001%
Put Option	15/12/2023	Cash	5,953	0.0001%
Call Option	16/06/2023	Cash	5,936	0.0001%
Call Option	20/12/2024	Cash	5,912	0.0001%
Call Option	15/12/2023	Cash	5,912	0.0001%
Call Option	14/11/2023	Cash	5,911	0.0001%
Call Option	14/11/2023	Cash	5,911	0.0001%
Call Option	14/11/2023	Cash	5,911	0.0001%
Put Option	15/12/2023	Cash	5,882	0.0001%
Put Option	19/12/2031	Cash	5,857	0.0001%
Call Option	20/12/2024	Cash	5,810	0.0001%
Put Option	15/09/2023	Cash	5,783	0.0001%
Forward	17/03/2023	Cash	5,767	0.0001%
Call Option	24/03/2023	Cash	5,750	0.0001%
Call Option	24/03/2023	Cash	5,750	0.0001%
Put Option	15/12/2023	Cash	5,746	0.0001%
Put Option	15/09/2023	Cash	5,745	0.0001%
Put Option	17/02/2023	Cash	5,737	0.0001%
Put Option	15/12/2023	Cash	5,729	0.0001%
Future	19/12/2024	Cash	5,729	0.0001%
Put Option	16/06/2023	Cash	5,727	0.0001%
Put Option	21/06/2024	Cash	5,684	0.0001%
Call Option	30/01/2023	Cash	5,643	0.0001%
Call Option	30/01/2023	Cash	5,643	0.0001%
Put Option	21/06/2024	Cash	5,612	0.0001%
Put Option	16/06/2023	Cash	5,606	0.0001%
Put Option	20/12/2024	Cash	5,584	0.0001%
Put Option	19/12/2025	Cash	5,577	0.0001%
Call Option	31/01/2025	Cash	5,573	0.0001%
Call Option	31/01/2025	Cash	5,573	0.0001%
Call Option	25/08/2025	Cash	5,568	0.0001%
Call Option	25/06/2025	Cash	5,567	0.0001%

Put Option	29/04/2025	Cash	5,565	0.0001%
Call Option	15/05/2025	Cash	5,562	0.0001%
Call Option	15/05/2025	Cash	5,562	0.0001%
Call Option	15/05/2025	Cash	5,562	0.0001%
Future	16/12/2022	Cash	5,539	0.0001%
Call Option	20/12/2024	Cash	5,518	0.0001%
Call Option	06/07/2023	Cash	5,487	0.0001%
Call Option	06/07/2023	Cash	5,487	0.0001%
Call Option	06/07/2023	Cash	5,487	0.0001%
Call Option	26/08/2025	Cash	5,471	0.0001%
Call Option	26/08/2025	Cash	5,471	0.0001%
Call Option	26/08/2025	Cash	5,471	0.0001%
Put Option	17/03/2023	Cash	5,455	0.0001%
Future	16/12/2022	Cash	5,448	0.0001%
Put Option	15/12/2023	Cash	5,432	0.0001%
Put Option	12/05/2025	Cash	5,431	0.0001%
Call Option	15/12/2023	Cash	5,419	0.0001%
Future	17/03/2023	Cash	5,391	0.0001%
Put Option	20/12/2024	Cash	5,379	0.0001%
Swap	02/01/2024	Cash	5,336	0.0001%
Call Option	20/01/2023	Cash	5,333	0.0001%
Call Option	20/12/2030	Cash	5,331	0.0001%
Put Option	20/12/2024	Cash	5,303	0.0001%
Put Option	15/12/2023	Cash	5,256	0.0001%
Call Option	18/12/2026	Cash	5,253	0.0001%
Put Option	16/06/2023	Cash	5,251	0.0001%
Put Option	20/12/2024	Cash	5,229	0.0001%
Put Option	16/06/2023	Cash	5,213	0.0001%
Call Option	06/08/2024	Cash	5,158	0.0001%
Call Option	06/08/2024	Cash	5,158	0.0001%
Call Option	06/08/2024	Cash	5,158	0.0001%
Put Option	20/12/2024	Cash	5,157	0.0001%
Call Option	22/07/2024	Cash	5,156	0.0001%
Call Option	22/07/2024	Cash	5,156	0.0001%
Call Option	22/07/2024	Cash	5,156	0.0001%
Call Option	16/06/2023	Cash	5,153	0.0001%
Put Option	18/12/2026	Cash	5,151	0.0001%
Swap	04/11/2032	Cash	5,145	0.0001%
Call Option	27/11/2023	Cash	5,139	0.0001%
Call Option	27/11/2023	Cash	5,139	0.0001%
Call Option	27/11/2023	Cash	5,139	0.0001%
Call Option	29/02/2024	Cash	5,138	0.0001%
Call Option	29/02/2024	Cash	5,138	0.0001%
Call Option	29/02/2024	Cash	5,138	0.0001%
Put Option	15/12/2023	Cash	5,127	0.0001%
Call Option	15/12/2028	Cash	5,119	0.0001%
Call Option	28/12/2023	Cash	5,076	0.0001%
Call Option	28/12/2023	Cash	5,076	0.0001%
Call Option	28/12/2023	Cash	5,076	0.0001%
Forward	17/03/2023	Cash	5,058	0.0001%
Put Option	20/12/2024	Cash	5,054	0.0001%
Call Option	20/09/2023	Cash	5,030	0.0001%
Call Option	20/09/2023	Cash	5,030	0.0001%
Call Option	17/03/2023	Cash	5,020	0.0001%
Call Option	16/06/2023	Cash	4,995	0.0001%

Put Option	02/04/2025	Cash	4,985	0.0001%
Put Option	20/12/2024	Cash	4,982	0.0001%
Future	17/03/2023	Cash	4,948	0.0001%
Put Option	20/12/2024	Cash	4,935	0.0001%
Call Option	19/12/2025	Cash	4,930	0.0001%
Put Option	19/02/2025	Cash	4,915	0.0001%
Put Option	15/12/2023	Cash	4,911	0.0001%
Put Option	20/12/2024	Cash	4,886	0.0001%
Put Option	15/12/2023	Cash	4,883	0.0001%
Put Option	21/06/2024	Cash	4,883	0.0001%
Swap	20/10/2032	Cash	4,878	0.0001%
Put Option	18/12/2026	Cash	4,876	0.0001%
Put Option	15/12/2023	Cash	4,843	0.0001%
Put Option	20/12/2024	Cash	4,809	0.0001%
Put Option	17/03/2023	Cash	4,809	0.0001%
Put Option	17/03/2023	Cash	4,809	0.0001%
Put Option	20/12/2024	Cash	4,807	0.0001%
Put Option	20/12/2024	Cash	4,776	0.0001%
Call Option	12/06/2023	Cash	4,766	0.0001%
Call Option	14/06/2023	Cash	4,764	0.0001%
Call Option	14/06/2023	Cash	4,764	0.0001%
Call Option	14/06/2023	Cash	4,764	0.0001%
Call Option	29/08/2025	Cash	4,747	0.0001%
Call Option	29/08/2025	Cash	4,747	0.0001%
Call Option	29/08/2025	Cash	4,747	0.0001%
Put Option	20/12/2024	Cash	4,712	0.0001%
Put Option	15/12/2023	Cash	4,675	0.0001%
Put Option	15/12/2023	Cash	4,656	0.0001%
Call Option	25/02/2026	Cash	4,655	0.0001%
Call Option	25/02/2026	Cash	4,655	0.0001%
Call Option	25/02/2026	Cash	4,655	0.0001%
Call Option	26/03/2025	Cash	4,619	0.0001%
Call Option	26/03/2025	Cash	4,619	0.0001%
Call Option	26/03/2025	Cash	4,619	0.0001%
Call Option	17/03/2023	Cash	4,615	0.0001%
Put Option	16/06/2023	Cash	4,612	0.0001%
Put Option	17/02/2023	Cash	4,610	0.0001%
Put Option	20/12/2024	Cash	4,604	0.0001%
Put Option	09/01/2025	Cash	4,595	0.0001%
Call Option	27/11/2024	Cash	4,588	0.0001%
Call Option	27/11/2024	Cash	4,588	0.0001%
Call Option	27/11/2024	Cash	4,588	0.0001%
Call Option	20/12/2030	Cash	4,574	0.0001%
Call Option	26/05/2028	Cash	4,570	0.0001%
Call Option	26/05/2028	Cash	4,570	0.0001%
Call Option	26/05/2028	Cash	4,570	0.0001%
Call Option	20/12/2030	Cash	4,558	0.0001%
Put Option	16/06/2023	Cash	4,557	0.0001%
Forward	17/03/2023	Cash	4,542	0.0001%
Call Option	27/03/2023	Cash	4,534	0.0001%
Call Option	27/03/2023	Cash	4,534	0.0001%
Call Option	27/03/2023	Cash	4,534	0.0001%
Swap	14/03/2023	Cash	4,532	0.0001%
Put Option	15/12/2023	Cash	4,525	0.0001%
Call Option	29/12/2023	Cash	4,510	0.0001%

Call Option	29/12/2023	Cash	4,510	0.0001%
Call Option	29/12/2023	Cash	4,510	0.0001%
Put Option	15/12/2023	Cash	4,495	0.0001%
Call Option	07/08/2023	Cash	4,491	0.0001%
Put Option	15/12/2023	Cash	4,423	0.0001%
Call Option	16/06/2026	Cash	4,422	0.0001%
Call Option	16/06/2026	Cash	4,422	0.0001%
Call Option	16/06/2026	Cash	4,422	0.0001%
Call Option	23/05/2024	Cash	4,407	0.0001%
Call Option	23/05/2024	Cash	4,407	0.0001%
Call Option	23/05/2024	Cash	4,407	0.0001%
Put Option	30/08/2024	Cash	4,402	0.0001%
Put Option	30/08/2024	Cash	4,402	0.0001%
Put Option	30/08/2024	Cash	4,402	0.0001%
Put Option	20/12/2024	Cash	4,398	0.0001%
Put Option	15/12/2023	Cash	4,365	0.0001%
Call Option	17/03/2023	Cash	4,346	0.0001%
Put Option	15/12/2023	Cash	4,344	0.0001%
Put Option	15/12/2023	Cash	4,283	0.0001%
Call Option	28/12/2028	Cash	4,242	0.0001%
Call Option	23/02/2026	Cash	4,226	0.0001%
Call Option	23/02/2026	Cash	4,226	0.0001%
Call Option	23/02/2026	Cash	4,226	0.0001%
Call Option	29/01/2024	Cash	4,224	0.0001%
Call Option	29/01/2024	Cash	4,224	0.0001%
Call Option	29/01/2024	Cash	4,224	0.0001%
Call Option	21/06/2023	Cash	4,220	0.0001%
Call Option	21/06/2023	Cash	4,220	0.0001%
Put Option	23/12/2024	Cash	4,211	0.0001%
Put Option	29/11/2024	Cash	4,210	0.0001%
Put Option	18/12/2026	Cash	4,196	0.0001%
Call Option	16/06/2023	Cash	4,187	0.0001%
Call Option	15/12/2023	Cash	4,186	0.0001%
Call Option	24/07/2026	Cash	4,179	0.0001%
Call Option	24/07/2026	Cash	4,179	0.0001%
Call Option	24/07/2026	Cash	4,179	0.0001%
Put Option	20/12/2024	Cash	4,179	0.0001%
Call Option	15/12/2028	Cash	4,156	0.0001%
Put Option	15/09/2023	Cash	4,147	0.0001%
Call Option	25/03/2024	Cash	4,125	0.0001%
Call Option	25/03/2024	Cash	4,125	0.0001%
Call Option	25/03/2024	Cash	4,125	0.0001%
Put Option	15/12/2023	Cash	4,069	0.0001%
Put Option	19/12/2025	Cash	4,064	0.0001%
Put Option	15/12/2023	Cash	4,064	0.0001%
Call Option	15/07/2024	Cash	4,059	0.0001%
Call Option	15/07/2024	Cash	4,059	0.0001%
Call Option	15/07/2024	Cash	4,059	0.0001%
Call Option	18/12/2023	Cash	4,056	0.0001%
Call Option	18/12/2023	Cash	4,056	0.0001%
Call Option	18/12/2023	Cash	4,056	0.0001%
Put Option	15/12/2023	Cash	4,047	0.0001%
Call Option	15/12/2023	Cash	4,036	0.0001%
Call Option	29/10/2024	Cash	4,031	0.0001%
Call Option	29/10/2024	Cash	4,031	0.0001%

Call Option	29/10/2024	Cash	4,031	0.0001%
Put Option	21/10/2024	Cash	4,020	0.0001%
Put Option	20/01/2023	Cash	4,018	0.0001%
Call Warrant	31/12/2030	cash	4,000	0.0001%
Call Warrant	31/12/2030	cash	4,000	0.0001%
Call Warrant	31/12/2030	cash	4,000	0.0001%
Call Option	31/01/2024	Cash	3,977	0.0001%
Call Option	31/01/2024	Cash	3,977	0.0001%
Call Option	31/01/2024	Cash	3,977	0.0001%
Put Option	17/12/2027	Cash	3,962	0.0001%
Future	17/03/2023	Cash	3,959	0.0001%
Put Option	17/12/2027	Cash	3,950	0.0001%
Put Option	20/12/2024	Cash	3,946	0.0001%
Put Option	15/12/2023	Cash	3,921	0.0001%
Put Option	20/12/2024	Cash	3,912	0.0001%
Call Option	22/04/2027	Cash	3,828	0.0001%
Call Option	22/04/2027	Cash	3,828	0.0001%
Call Option	22/04/2027	Cash	3,828	0.0001%
Call Option	30/09/2024	Cash	3,809	0.0001%
Call Option	30/09/2024	Cash	3,809	0.0001%
Call Option	30/09/2024	Cash	3,809	0.0001%
Call Option	20/12/2024	Cash	3,799	0.0001%
Call Option	20/12/2024	Cash	3,798	0.0001%
Call Option	18/01/2023	Cash	3,763	0.0001%
Put Option	20/12/2024	Cash	3,761	0.0001%
Call Option	28/01/2025	Cash	3,750	0.0001%
Call Option	28/01/2025	Cash	3,750	0.0001%
Call Option	28/01/2025	Cash	3,750	0.0001%
Future	17/03/2023	Cash	3,743	0.0001%
Swap	13/03/2023	Cash	3,742	0.0001%
Call Option	17/03/2023	Cash	3,740	0.0001%
Call Option	26/01/2023	Cash	3,725	0.0001%
Call Option	26/01/2023	Cash	3,725	0.0001%
Call Option	26/01/2023	Cash	3,725	0.0001%
Swap	22/05/2023	Cash	3,713	0.0001%
Put Option	17/12/2027	Cash	3,710	0.0001%
Put Option	20/12/2024	Cash	3,704	0.0001%
Put Option	20/12/2024	Cash	3,701	0.0001%
Put Option	15/12/2023	Cash	3,699	0.0001%
Forward	17/03/2023	Cash	3,690	0.0001%
Put Option	18/12/2026	Cash	3,682	0.0001%
Put Option	15/12/2023	Cash	3,665	0.0001%
Call Option	17/12/2027	Cash	3,649	0.0001%
Call Option	22/01/2027	Cash	3,645	0.0001%
Call Option	15/12/2023	Cash	3,634	0.0001%
Call Option	25/03/2024	Cash	3,622	0.0001%
Call Option	25/03/2024	Cash	3,622	0.0001%
Call Option	25/03/2024	Cash	3,622	0.0001%
Put Option	20/01/2023	Cash	3,611	0.0001%
Call Option	28/11/2025	Cash	3,591	0.0001%
Call Option	28/11/2025	Cash	3,591	0.0001%
Call Option	28/11/2025	Cash	3,591	0.0001%
Put Option	16/06/2023	Cash	3,578	0.0001%
Put Option	15/12/2023	Cash	3,537	0.0001%
Put Option	08/02/2024	Cash	3,535	0.0001%

Swap	11/11/2032	Cash	3,520	0.0001%
Put Option	12/01/2024	Cash	3,517	0.0001%
Call Option	07/08/2023	Cash	3,514	0.0001%
Call Option	28/08/2023	Cash	3,508	0.0001%
Call Option	28/08/2023	Cash	3,508	0.0001%
Call Option	28/08/2023	Cash	3,508	0.0001%
Put Option	18/12/2026	Cash	3,500	0.0001%
Call Option	26/05/2026	Cash	3,497	0.0001%
Call Option	26/05/2026	Cash	3,497	0.0001%
Call Option	26/05/2026	Cash	3,497	0.0001%
Call Option	23/04/2027	Cash	3,488	0.0001%
Call Option	16/06/2023	Cash	3,456	0.0001%
Put Option	20/01/2023	Cash	3,453	0.0001%
Put Option	22/01/2024	Cash	3,453	0.0001%
Call Option	28/05/2024	Cash	3,446	0.0001%
Call Option	28/05/2024	Cash	3,446	0.0001%
Call Option	28/05/2024	Cash	3,446	0.0001%
Put Option	18/12/2026	Cash	3,443	0.0001%
Call Option	22/01/2025	Cash	3,443	0.0001%
Call Option	22/01/2025	Cash	3,443	0.0001%
Call Option	22/01/2025	Cash	3,443	0.0001%
Call Option	13/09/2027	Cash	3,438	0.0001%
Put Option	17/02/2023	Cash	3,422	0.0001%
Call Option	16/06/2023	Cash	3,413	0.0001%
Call Option	10/01/2023	Cash	3,404	0.0001%
Call Option	10/01/2023	Cash	3,404	0.0001%
Call Option	10/01/2023	Cash	3,404	0.0001%
Call Option	31/01/2024	Cash	3,397	0.0001%
Call Option	31/01/2024	Cash	3,397	0.0001%
Call Option	31/01/2024	Cash	3,397	0.0001%
Put Option	05/12/2023	Cash	3,389	0.0001%
Put Option	15/12/2023	Cash	3,388	0.0001%
Put Option	15/12/2023	Cash	3,388	0.0001%
Put Option	19/12/2025	Cash	3,386	0.0001%
Call Option	16/06/2023	Cash	3,384	0.0001%
Call Option	18/12/2026	Cash	3,382	0.0001%
Call Option	20/12/2024	Cash	3,370	0.0001%
Call Option	17/12/2032	Cash	3,364	0.0001%
Call Option	16/06/2023	Cash	3,363	0.0001%
Put Option	31/05/2024	Cash	3,344	0.0001%
Put Option	31/05/2024	Cash	3,344	0.0001%
Put Option	31/05/2024	Cash	3,344	0.0001%
Put Option	15/12/2028	Cash	3,343	0.0001%
Call Option	25/02/2025	Cash	3,334	0.0001%
Call Option	25/02/2025	Cash	3,334	0.0001%
Call Option	25/02/2025	Cash	3,334	0.0001%
Put Option	11/12/2023	Cash	3,331	0.0001%
Call Option	31/07/2024	Cash	3,328	0.0001%
Call Option	31/07/2024	Cash	3,328	0.0001%
Call Option	31/07/2024	Cash	3,328	0.0001%
Call Option	24/07/2023	Cash	3,327	0.0001%
Call Option	24/07/2023	Cash	3,327	0.0001%
Call Option	24/07/2023	Cash	3,327	0.0001%
Put Option	12/06/2023	Cash	3,322	0.0001%
Call Option	29/12/2023	Cash	3,321	0.0001%

Future	17/03/2023	Cash	3,313	0.0001%
Put Option	16/06/2023	Cash	3,313	0.0001%
Forward	17/03/2023	Cash	3,310	0.0001%
Call Option	11/12/2023	Cash	3,301	0.0001%
Call Option	11/12/2023	Cash	3,301	0.0001%
Call Option	11/12/2023	Cash	3,301	0.0001%
Put Option	18/12/2026	Cash	3,300	0.0001%
Call Option	24/02/2027	Cash	3,298	0.0001%
Call Option	24/02/2027	Cash	3,298	0.0001%
Call Option	24/02/2027	Cash	3,298	0.0001%
Call Option	14/02/2024	Cash	3,293	0.0001%
Call Option	14/02/2024	Cash	3,293	0.0001%
Call Option	14/02/2024	Cash	3,293	0.0001%
Put Option	20/12/2030	Cash	3,292	0.0001%
Put Option	18/12/2026	Cash	3,275	0.0001%
Call Option	04/04/2024	Cash	3,271	0.0001%
Put Option	15/12/2023	Cash	3,268	0.0001%
Put Option	15/12/2023	Cash	3,258	0.0001%
Put Option	16/06/2023	Cash	3,255	0.0001%
Call Option	06/11/2023	Cash	3,243	0.0001%
Call Option	06/11/2023	Cash	3,243	0.0001%
Call Option	06/11/2023	Cash	3,243	0.0001%
Put Option	20/12/2030	Cash	3,236	0.0001%
Put Option	19/12/2025	Cash	3,204	0.0001%
Swap	02/11/2032	Cash	3,199	0.0001%
Call Option	31/08/2023	Cash	3,198	0.0001%
Call Option	31/08/2023	Cash	3,198	0.0001%
Call Option	31/08/2023	Cash	3,198	0.0001%
Call Option	02/05/2028	Cash	3,198	0.0001%
Call Option	02/05/2028	Cash	3,198	0.0001%
Call Option	02/05/2028	Cash	3,198	0.0001%
Future	17/03/2023	Cash	3,189	0.0001%
Put Option	17/02/2023	Cash	3,178	0.0001%
Put Option	15/09/2023	Cash	3,173	0.0001%
Call Option	24/04/2023	Cash	3,159	0.0001%
Put Option	20/12/2024	Cash	3,137	0.0001%
Call Option	31/08/2023	Cash	3,124	0.0001%
Call Option	31/08/2023	Cash	3,124	0.0001%
Call Option	31/08/2023	Cash	3,124	0.0001%
Call Option	16/04/2026	Cash	3,107	0.0001%
Put Option	19/12/2025	Cash	3,095	0.0001%
Call Warrant	31/12/2030	cash	3,095	0.0001%
Put Option	17/03/2023	Cash	3,073	0.0001%
Call Option	03/03/2026	Cash	3,055	0.0001%
Call Option	03/03/2026	Cash	3,055	0.0001%
Call Option	03/03/2026	Cash	3,055	0.0001%
Call Option	24/09/2025	Cash	3,051	0.0001%
Put Option	12/06/2023	Cash	3,044	0.0001%
Put Option	30/08/2024	Cash	3,039	0.0001%
Put Option	30/08/2024	Cash	3,039	0.0001%
Put Option	30/08/2024	Cash	3,039	0.0001%
Call Option	27/04/2029	Cash	3,037	0.0001%
Call Option	27/04/2029	Cash	3,037	0.0001%
Call Option	27/04/2029	Cash	3,037	0.0001%
Call Option	20/01/2023	Cash	3,028	0.0001%

Call Option	26/03/2025	Cash	3,022	0.0001%
Call Option	26/03/2025	Cash	3,022	0.0001%
Call Option	26/03/2025	Cash	3,022	0.0001%
Call Warrant	31/12/2030	cash	3,000	0.0001%
Call Warrant	31/12/2030	cash	3,000	0.0001%
Put Option	15/12/2023	Cash	2,996	0.0001%
Put Option	20/12/2024	Cash	2,989	0.0001%
Put Option	20/12/2024	Cash	2,989	0.0001%
Put Option	13/11/2025	Cash	2,968	0.0001%
Put Option	13/11/2025	Cash	2,968	0.0001%
Put Option	13/11/2025	Cash	2,968	0.0001%
Call Option	30/04/2025	Cash	2,957	0.0001%
Call Option	30/04/2025	Cash	2,957	0.0001%
Call Option	25/09/2023	Cash	2,956	0.0001%
Call Option	25/09/2023	Cash	2,956	0.0001%
Call Option	25/09/2023	Cash	2,956	0.0001%
Call Option	23/02/2023	Cash	2,941	0.0001%
Call Option	23/02/2023	Cash	2,941	0.0001%
Call Option	23/02/2023	Cash	2,941	0.0001%
Call Option	27/04/2026	Cash	2,937	0.0001%
Call Option	27/04/2026	Cash	2,937	0.0001%
Call Option	27/04/2026	Cash	2,937	0.0001%
Call Option	19/12/2025	Cash	2,936	0.0001%
Put Option	28/06/2024	Cash	2,919	0.0001%
Put Option	28/06/2024	Cash	2,919	0.0001%
Put Option	28/06/2024	Cash	2,919	0.0001%
Call Option	24/03/2025	Cash	2,915	0.0001%
Put Option	17/03/2023	Cash	2,885	0.0001%
Put Option	21/04/2023	Cash	2,883	0.0001%
Call Option	21/11/2023	Cash	2,876	0.0001%
Put Option	17/02/2023	Cash	2,869	0.0001%
Call Option	30/04/2025	Cash	2,858	0.0001%
Call Option	24/07/2023	Cash	2,844	0.0001%
Call Option	24/07/2023	Cash	2,844	0.0001%
Call Option	24/07/2023	Cash	2,844	0.0001%
Call Option	25/06/2026	Cash	2,831	0.0001%
Call Option	25/06/2026	Cash	2,831	0.0001%
Call Option	25/06/2026	Cash	2,831	0.0001%
Call Option	31/08/2027	Cash	2,825	0.0001%
Call Option	31/08/2027	Cash	2,825	0.0001%
Call Option	31/08/2027	Cash	2,825	0.0001%
Put Option	30/04/2024	Cash	2,816	0.00005%
Put Option	30/04/2024	Cash	2,816	0.00005%
Put Option	30/04/2024	Cash	2,816	0.00005%
Call Option	07/08/2023	Cash	2,807	0.00005%
Call Option	06/05/2030	Cash	2,800	0.00005%
Call Option	21/12/2023	Cash	2,798	0.00005%
Call Option	21/12/2023	Cash	2,798	0.00005%
Call Option	21/12/2023	Cash	2,798	0.00005%
Swap	14/03/2023	Cash	2,792	0.00005%
Call Option	30/11/2023	Cash	2,783	0.00005%
Call Option	30/11/2023	Cash	2,783	0.00005%
Call Option	30/11/2023	Cash	2,783	0.00005%
Put Option	15/12/2023	Cash	2,776	0.00005%
Swap	08/03/2023	Cash	2,775	0.00005%

Put Option	20/12/2024	Cash	2,724	0.00005%
Swap	27/10/2025	Cash	2,724	0.00005%
Put Option	17/03/2023	Cash	2,713	0.00005%
Put Option	20/01/2023	Cash	2,711	0.00005%
Call Option	15/12/2023	Cash	2,709	0.00005%
Call Option	15/12/2023	Cash	2,709	0.00005%
Put Option	03/03/2027	Cash	2,708	0.00005%
Call Option	15/12/2023	Cash	2,704	0.00005%
Call Option	07/08/2023	Cash	2,695	0.00005%
Call Option	07/01/2026	Cash	2,684	0.00005%
Call Option	07/01/2026	Cash	2,684	0.00005%
Call Option	07/01/2026	Cash	2,684	0.00005%
Call Option	12/06/2023	Cash	2,663	0.00005%
Call Option	15/12/2028	Cash	2,652	0.00005%
Call Option	12/06/2023	Cash	2,648	0.00005%
Call Option	12/06/2023	Cash	2,648	0.00005%
Call Option	23/02/2033	Cash	2,634	0.00005%
Call Option	28/11/2023	Cash	2,632	0.00005%
Call Option	28/11/2023	Cash	2,632	0.00005%
Call Option	26/09/2023	Cash	2,624	0.00005%
Call Option	26/09/2023	Cash	2,624	0.00005%
Call Option	26/09/2023	Cash	2,624	0.00005%
Call Option	21/08/2023	Cash	2,622	0.00005%
Call Option	27/07/2026	Cash	2,619	0.00005%
Call Option	27/07/2026	Cash	2,619	0.00005%
Call Option	27/07/2026	Cash	2,619	0.00005%
Call Option	31/05/2024	Cash	2,618	0.00005%
Call Option	17/03/2023	Cash	2,613	0.00005%
Call Option	03/07/2023	Cash	2,610	0.00005%
Call Option	29/12/2023	Cash	2,604	0.00005%
Call Option	12/02/2024	Cash	2,591	0.00005%
Call Option	15/12/2028	Cash	2,584	0.00005%
Call Option	18/05/2023	Cash	2,575	0.00005%
Put Option	20/01/2023	Cash	2,570	0.00005%
Put Option	03/09/2026	Cash	2,569	0.00005%
Call Option	24/02/2025	Cash	2,568	0.00005%
Call Option	24/02/2025	Cash	2,568	0.00005%
Call Option	24/02/2025	Cash	2,568	0.00005%
Put Option	15/12/2023	Cash	2,562	0.00005%
Put Option	18/12/2026	Cash	2,557	0.00005%
Forward	17/03/2023	Cash	2,543	0.00005%
Call Option	15/12/2023	Cash	2,540	0.00005%
Call Option	22/12/2027	Cash	2,538	0.00005%
Call Option	22/12/2027	Cash	2,538	0.00005%
Call Option	22/12/2027	Cash	2,538	0.00005%
Call Option	07/01/2026	Cash	2,534	0.00004%
Call Option	07/01/2026	Cash	2,534	0.00004%
Call Option	07/01/2026	Cash	2,534	0.00004%
Call Option	31/08/2027	Cash	2,531	0.00004%
Call Option	21/12/2022	Cash	2,516	0.00004%
Call Option	23/12/2022	Cash	2,501	0.00004%
Forward	17/03/2023	Cash	2,500	0.00004%
Call Warrant	17/02/2023	physical	2,500	0.00004%
Put Option	18/09/2023	Cash	2,499	0.00004%
Put Option	02/09/2027	Cash	2,487	0.00004%

Put Option	17/02/2023	Cash	2,486	0.00004%
Call Option	15/02/2024	Cash	2,486	0.00004%
Put Option	16/12/2022	Cash	2,479	0.00004%
Call Option	28/01/2025	Cash	2,478	0.00004%
Call Option	28/01/2025	Cash	2,478	0.00004%
Call Option	28/01/2025	Cash	2,478	0.00004%
Call Option	26/05/2023	Cash	2,473	0.00004%
Call Option	26/05/2023	Cash	2,473	0.00004%
Call Option	25/09/2023	Cash	2,459	0.00004%
Call Option	25/09/2023	Cash	2,459	0.00004%
Call Option	17/10/2024	Cash	2,437	0.00004%
Call Option	23/07/2027	Cash	2,419	0.00004%
Call Option	23/07/2027	Cash	2,419	0.00004%
Call Option	23/07/2027	Cash	2,419	0.00004%
Put Option	17/03/2023	Cash	2,410	0.00004%
Call Option	17/10/2024	Cash	2,404	0.00004%
Call Option	17/10/2024	Cash	2,404	0.00004%
Call Option	07/01/2026	Cash	2,401	0.00004%
Call Option	07/01/2026	Cash	2,401	0.00004%
Call Option	07/01/2026	Cash	2,401	0.00004%
Call Option	27/12/2022	Cash	2,400	0.00004%
Put Option	19/12/2025	Cash	2,399	0.00004%
Put Option	17/03/2023	Cash	2,396	0.00004%
Call Option	24/05/2023	Cash	2,392	0.00004%
Put Option	16/06/2023	Cash	2,386	0.00004%
Call Option	22/10/2027	Cash	2,385	0.00004%
Call Option	22/10/2027	Cash	2,385	0.00004%
Call Option	22/10/2027	Cash	2,385	0.00004%
Call Option	31/05/2023	Cash	2,382	0.00004%
Call Option	31/05/2023	Cash	2,382	0.00004%
Call Option	31/05/2023	Cash	2,382	0.00004%
Put Option	13/09/2023	Cash	2,382	0.00004%
Swap	09/03/2023	Cash	2,379	0.00004%
Put Option	15/12/2023	Cash	2,362	0.00004%
Put Option	15/12/2023	Cash	2,356	0.00004%
Call Option	24/04/2023	Cash	2,345	0.00004%
Call Option	24/04/2023	Cash	2,345	0.00004%
Call Option	24/04/2023	Cash	2,345	0.00004%
Put Option	15/12/2023	Cash	2,345	0.00004%
Put Option	17/03/2023	Cash	2,340	0.00004%
Call Option	16/06/2025	Cash	2,338	0.00004%
Call Option	26/11/2027	Cash	2,337	0.00004%
Call Option	15/05/2023	Cash	2,312	0.00004%
Call Option	15/05/2023	Cash	2,312	0.00004%
Call Option	26/08/2026	Cash	2,307	0.00004%
Call Option	26/08/2026	Cash	2,307	0.00004%
Call Option	26/08/2026	Cash	2,307	0.00004%
Call Option	16/03/2028	Cash	2,290	0.00004%
Put Option	03/03/2027	Cash	2,283	0.00004%
Call Option	23/12/2025	Cash	2,279	0.00004%
Call Option	23/12/2025	Cash	2,279	0.00004%
Call Option	23/12/2025	Cash	2,279	0.00004%
Put Option	31/08/2023	Cash	2,266	0.00004%
Put Option	31/08/2023	Cash	2,266	0.00004%
Call Option	25/05/2027	Cash	2,255	0.00004%

Call Option	25/05/2027	Cash	2,255	0.00004%
Call Option	25/05/2027	Cash	2,255	0.00004%
Put Option	18/12/2026	Cash	2,243	0.00004%
Call Option	02/07/2024	Cash	2,233	0.00004%
Call Option	02/07/2024	Cash	2,233	0.00004%
Call Option	02/07/2024	Cash	2,233	0.00004%
Put Option	20/12/2024	Cash	2,231	0.00004%
Put Option	20/01/2023	Cash	2,212	0.00004%
Call Option	15/12/2023	Cash	2,206	0.00004%
Call Option	19/06/2023	Cash	2,205	0.00004%
Call Option	22/07/2024	Cash	2,193	0.00004%
Call Option	22/07/2024	Cash	2,193	0.00004%
Call Option	22/07/2024	Cash	2,193	0.00004%
Put Option	15/12/2028	Cash	2,177	0.00004%
Call Option	24/05/2023	Cash	2,167	0.00004%
Call Option	24/05/2023	Cash	2,167	0.00004%
Call Option	24/05/2023	Cash	2,167	0.00004%
Call Option	26/06/2024	Cash	2,159	0.00004%
Call Option	26/06/2024	Cash	2,159	0.00004%
Call Option	26/06/2024	Cash	2,159	0.00004%
Call Option	15/02/2023	Cash	2,158	0.00004%
Call Option	26/08/2024	Cash	2,145	0.00004%
Call Option	26/08/2024	Cash	2,145	0.00004%
Call Option	26/08/2024	Cash	2,145	0.00004%
Call Option	28/07/2025	Cash	2,143	0.00004%
Call Option	28/07/2025	Cash	2,142	0.00004%
Call Option	28/07/2025	Cash	2,142	0.00004%
Put Option	20/12/2024	Cash	2,138	0.00004%
Call Option	30/01/2023	Cash	2,132	0.00004%
Call Option	15/12/2023	Cash	2,132	0.00004%
Call Option	18/06/2027	Cash	2,130	0.00004%
Put Option	15/12/2028	Cash	2,129	0.00004%
Put Option	16/06/2023	Cash	2,124	0.00004%
Call Option	25/03/2024	Cash	2,120	0.00004%
Call Option	25/03/2024	Cash	2,120	0.00004%
Call Option	25/03/2024	Cash	2,120	0.00004%
Call Option	31/10/2024	Cash	2,118	0.00004%
Call Option	31/10/2024	Cash	2,118	0.00004%
Call Option	31/10/2024	Cash	2,118	0.00004%
Call Option	24/04/2024	Cash	2,109	0.00004%
Call Option	19/11/2026	Cash	2,105	0.00004%
Put Option	20/12/2024	Cash	2,091	0.00004%
Call Option	12/06/2023	Cash	2,085	0.00004%
Call Option	09/11/2027	Cash	2,081	0.00004%
Call Option	17/03/2023	Cash	2,070	0.00004%
Put Option	13/11/2025	Cash	2,067	0.00004%
Put Option	13/11/2025	Cash	2,067	0.00004%
Put Option	13/11/2025	Cash	2,067	0.00004%
Call Option	15/12/2023	Cash	2,064	0.00004%
Forward	17/03/2023	Cash	2,063	0.00004%
Swap	15/03/2023	Cash	2,053	0.00004%
Call Option	09/10/2023	Cash	2,048	0.00004%
Call Option	09/10/2023	Cash	2,048	0.00004%
Call Option	09/10/2023	Cash	2,048	0.00004%
Call Option	13/05/2024	Cash	2,046	0.00004%

Call Option	13/05/2024	Cash	2,046	0.00004%
Call Option	13/05/2024	Cash	2,046	0.00004%
Put Option	03/09/2026	Cash	2,039	0.00004%
Put Option	02/09/2027	Cash	2,035	0.00004%
Call Option	21/09/2023	Cash	2,033	0.00004%
Call Option	15/12/2023	Cash	2,032	0.00004%
Call Option	29/12/2026	Cash	2,008	0.00004%
Call Option	29/12/2026	Cash	2,008	0.00004%
Call Option	29/12/2026	Cash	2,008	0.00004%
Call Option	20/12/2030	Cash	2,005	0.00004%
Call Warrant	31/12/2030	cash	2,000	0.00004%
Call Warrant	31/12/2030	cash	2,000	0.00004%
Call Option	16/12/2022	Cash	1,992	0.00004%
Call Option	07/08/2023	Cash	1,985	0.00004%
Call Option	07/08/2023	Cash	1,985	0.00004%
Call Option	21/07/2025	Cash	1,963	0.00003%
Call Option	21/07/2025	Cash	1,963	0.00003%
Call Option	21/07/2025	Cash	1,963	0.00003%
Put Option	17/03/2023	Cash	1,959	0.00003%
Forward	17/03/2023	Cash	1,956	0.00003%
Call Option	15/12/2023	Cash	1,956	0.00003%
Call Option	09/11/2027	Cash	1,953	0.00003%
Call Option	18/12/2025	Cash	1,935	0.00003%
Call Option	20/12/2030	Cash	1,931	0.00003%
Call Option	26/10/2026	Cash	1,925	0.00003%
Call Option	26/10/2026	Cash	1,925	0.00003%
Call Option	26/10/2026	Cash	1,925	0.00003%
Call Option	27/12/2023	Cash	1,915	0.00003%
Call Option	27/12/2023	Cash	1,915	0.00003%
Call Option	27/12/2023	Cash	1,915	0.00003%
Call Option	21/02/2023	Cash	1,911	0.00003%
Call Option	21/02/2023	Cash	1,911	0.00003%
Call Option	21/02/2023	Cash	1,911	0.00003%
Put Option	17/03/2023	Cash	1,910	0.00003%
Call Option	29/12/2023	Cash	1,908	0.00003%
Call Option	24/11/2023	Cash	1,905	0.00003%
Call Option	24/11/2023	Cash	1,905	0.00003%
Call Option	24/11/2023	Cash	1,905	0.00003%
Put Option	21/12/2029	Cash	1,903	0.00003%
Call Option	24/03/2025	Cash	1,903	0.00003%
Call Option	24/03/2025	Cash	1,903	0.00003%
Call Option	24/03/2025	Cash	1,903	0.00003%
Call Option	26/08/2026	Cash	1,903	0.00003%
Call Option	26/08/2026	Cash	1,903	0.00003%
Call Option	26/08/2026	Cash	1,903	0.00003%
Call Option	27/02/2023	Cash	1,896	0.00003%
Call Option	27/07/2026	Cash	1,895	0.00003%
Call Option	27/07/2026	Cash	1,895	0.00003%
Call Option	27/07/2026	Cash	1,895	0.00003%
Put Option	20/12/2024	Cash	1,893	0.00003%
Put Option	18/12/2026	Cash	1,887	0.00003%
Call Option	28/02/2024	Cash	1,882	0.00003%
Call Option	28/02/2024	Cash	1,882	0.00003%
Call Option	28/02/2024	Cash	1,882	0.00003%
Call Option	17/02/2023	Cash	1,877	0.00003%

Call Option	04/03/2024	Cash	1,872	0.00003%
Call Option	04/03/2024	Cash	1,872	0.00003%
Call Option	04/03/2024	Cash	1,872	0.00003%
Call Option	28/03/2023	Cash	1,871	0.00003%
Call Option	28/03/2023	Cash	1,871	0.00003%
Call Option	28/03/2023	Cash	1,871	0.00003%
Put Option	20/01/2023	Cash	1,867	0.00003%
Call Option	15/12/2023	Cash	1,862	0.00003%
Call Option	28/02/2025	Cash	1,860	0.00003%
Call Option	28/02/2025	Cash	1,860	0.00003%
Call Option	28/02/2025	Cash	1,860	0.00003%
Put Option	18/12/2026	Cash	1,857	0.00003%
Call Warrant	31/12/2030	cash	1,855	0.00003%
Put Option	12/07/2023	Cash	1,847	0.00003%
Forward	17/03/2023	Cash	1,841	0.00003%
Call Option	23/02/2027	Cash	1,841	0.00003%
Call Option	23/02/2027	Cash	1,841	0.00003%
Call Option	23/02/2027	Cash	1,841	0.00003%
Call Option	19/07/2027	Cash	1,840	0.00003%
Call Option	19/07/2027	Cash	1,840	0.00003%
Call Option	19/07/2027	Cash	1,840	0.00003%
Call Option	30/11/2023	Cash	1,831	0.00003%
Call Option	01/07/2024	Cash	1,827	0.00003%
Call Option	01/07/2024	Cash	1,827	0.00003%
Call Option	01/07/2024	Cash	1,827	0.00003%
Call Option	01/10/2027	Cash	1,826	0.00003%
Put Option	15/12/2023	Cash	1,824	0.00003%
Call Warrant	31/12/2030	cash	1,822	0.00003%
Forward	17/03/2023	Cash	1,820	0.00003%
Call Option	22/07/2024	Cash	1,817	0.00003%
Call Option	22/07/2024	Cash	1,817	0.00003%
Call Option	29/11/2024	Cash	1,817	0.00003%
Call Option	29/11/2024	Cash	1,817	0.00003%
Call Option	29/11/2024	Cash	1,817	0.00003%
Call Option	12/07/2024	Cash	1,813	0.00003%
Put Option	30/12/2022	Cash	1,812	0.00003%
Call Option	17/09/2024	Cash	1,811	0.00003%
Call Option	17/09/2024	Cash	1,811	0.00003%
Call Option	17/09/2024	Cash	1,811	0.00003%
Call Option	26/03/2026	Cash	1,809	0.00003%
Call Option	26/03/2026	Cash	1,809	0.00003%
Call Option	26/03/2026	Cash	1,809	0.00003%
Swap	16/03/2023	Cash	1,806	0.00003%
Call Option	20/12/2024	Cash	1,800	0.00003%
Future	16/12/2022	Cash	1,792	0.00003%
Call Option	28/09/2026	Cash	1,784	0.00003%
Call Option	28/09/2026	Cash	1,784	0.00003%
Call Option	28/09/2026	Cash	1,784	0.00003%
Call Option	24/11/2026	Cash	1,784	0.00003%
Call Option	24/11/2026	Cash	1,784	0.00003%
Call Option	24/11/2026	Cash	1,784	0.00003%
Call Option	25/07/2023	Cash	1,772	0.00003%
Call Option	24/08/2023	Cash	1,772	0.00003%
Call Option	03/03/2027	Cash	1,771	0.00003%
Call Option	26/01/2027	Cash	1,768	0.00003%

Call Option	26/01/2027	Cash	1,768	0.00003%
Call Option	26/01/2027	Cash	1,768	0.00003%
Call Warrant	17/02/2023	physical	1,765	0.00003%
Call Option	25/03/2024	Cash	1,764	0.00003%
Call Option	25/03/2024	Cash	1,764	0.00003%
Call Option	25/03/2024	Cash	1,764	0.00003%
Call Option	22/04/2027	Cash	1,750	0.00003%
Put Option	18/12/2026	Cash	1,739	0.00003%
Put Option	17/03/2023	Cash	1,739	0.00003%
Call Option	18/12/2026	Cash	1,723	0.00003%
Put Option	20/01/2023	Cash	1,720	0.00003%
Call Option	22/06/2023	Cash	1,714	0.00003%
Put Option	15/12/2028	Cash	1,714	0.00003%
Call Option	27/07/2026	Cash	1,708	0.00003%
Call Option	27/07/2026	Cash	1,708	0.00003%
Call Option	27/07/2026	Cash	1,708	0.00003%
Call Option	26/10/2023	Cash	1,705	0.00003%
Call Option	26/10/2023	Cash	1,705	0.00003%
Call Option	26/10/2023	Cash	1,705	0.00003%
Call Option	18/02/2028	Cash	1,695	0.00003%
Call Option	18/02/2028	Cash	1,695	0.00003%
Call Option	18/02/2028	Cash	1,695	0.00003%
Call Option	25/04/2023	Cash	1,694	0.00003%
Call Option	25/04/2023	Cash	1,694	0.00003%
Call Option	25/04/2023	Cash	1,694	0.00003%
Put Option	18/12/2026	Cash	1,682	0.00003%
Call Option	02/04/2024	Cash	1,669	0.00003%
Call Option	02/04/2024	Cash	1,669	0.00003%
Call Option	02/04/2024	Cash	1,669	0.00003%
Call Option	20/12/2030	Cash	1,653	0.00003%
Call Option	20/01/2023	Cash	1,652	0.00003%
Call Option	19/03/2029	Cash	1,651	0.00003%
Call Option	22/12/2025	Cash	1,648	0.00003%
Call Option	15/12/2023	Cash	1,645	0.00003%
Call Option	29/01/2024	Cash	1,644	0.00003%
Call Option	29/01/2024	Cash	1,644	0.00003%
Call Option	29/01/2024	Cash	1,644	0.00003%
Call Option	12/02/2024	Cash	1,631	0.00003%
Call Option	12/02/2024	Cash	1,631	0.00003%
Call Option	12/02/2024	Cash	1,631	0.00003%
Call Option	17/03/2023	Cash	1,628	0.00003%
Put Option	15/12/2028	Cash	1,626	0.00003%
Put Option	15/12/2028	Cash	1,626	0.00003%
Put Option	19/12/2025	Cash	1,621	0.00003%
Call Option	16/04/2026	Cash	1,620	0.00003%
Put Option	28/06/2024	Cash	1,618	0.00003%
Put Option	28/06/2024	Cash	1,618	0.00003%
Put Option	28/06/2024	Cash	1,618	0.00003%
Call Option	19/01/2027	Cash	1,615	0.00003%
Call Option	19/01/2027	Cash	1,615	0.00003%
Call Option	19/01/2027	Cash	1,615	0.00003%
Call Option	03/05/2027	Cash	1,614	0.00003%
Call Option	03/05/2027	Cash	1,614	0.00003%
Call Option	03/05/2027	Cash	1,614	0.00003%
Call Option	26/05/2028	Cash	1,609	0.00003%

Call Option	26/05/2028	Cash	1,609	0.00003%
Call Option	26/05/2028	Cash	1,609	0.00003%
Call Option	31/03/2023	Cash	1,608	0.00003%
Call Option	31/03/2023	Cash	1,608	0.00003%
Call Option	31/03/2023	Cash	1,608	0.00003%
Call Option	26/08/2027	Cash	1,600	0.00003%
Call Option	26/08/2027	Cash	1,600	0.00003%
Call Option	26/08/2027	Cash	1,600	0.00003%
Put Option	15/12/2023	Cash	1,599	0.00003%
Call Option	15/12/2028	Cash	1,596	0.00003%
Call Option	15/10/2026	Cash	1,588	0.00003%
Call Option	15/10/2026	Cash	1,588	0.00003%
Call Option	15/10/2026	Cash	1,588	0.00003%
Put Option	15/12/2023	Cash	1,586	0.00003%
Call Option	26/02/2024	Cash	1,584	0.00003%
Call Option	26/02/2024	Cash	1,584	0.00003%
Call Option	26/02/2024	Cash	1,584	0.00003%
Call Option	25/06/2025	Cash	1,576	0.00003%
Call Option	21/05/2029	Cash	1,574	0.00003%
Future	20/12/2024	Cash	1,573	0.00003%
Put Option	15/12/2028	Cash	1,557	0.00003%
Call Option	21/08/2024	Cash	1,553	0.00003%
Call Option	21/08/2024	Cash	1,553	0.00003%
Call Option	21/08/2024	Cash	1,553	0.00003%
Put Option	15/12/2028	Cash	1,551	0.00003%
Call Option	18/03/2024	Cash	1,549	0.00003%
Call Option	18/03/2024	Cash	1,549	0.00003%
Call Option	18/03/2024	Cash	1,549	0.00003%
Call Option	23/02/2027	Cash	1,539	0.00003%
Call Option	23/02/2027	Cash	1,539	0.00003%
Call Option	23/02/2027	Cash	1,539	0.00003%
Call Option	07/08/2023	Cash	1,538	0.00003%
Call Option	07/08/2023	Cash	1,538	0.00003%
Put Option	15/12/2023	Cash	1,536	0.00003%
Call Option	20/05/2027	Cash	1,535	0.00003%
Call Option	27/10/2025	Cash	1,523	0.00003%
Call Option	17/06/2027	Cash	1,522	0.00003%
Future	17/03/2023	Cash	1,520	0.00003%
Put Option	15/12/2023	Cash	1,517	0.00003%
Call Option	23/07/2026	Cash	1,516	0.00003%
Call Option	23/07/2026	Cash	1,516	0.00003%
Call Option	23/07/2026	Cash	1,516	0.00003%
Call Option	29/08/2025	Cash	1,516	0.00003%
Call Option	29/08/2025	Cash	1,516	0.00003%
Call Option	29/08/2025	Cash	1,516	0.00003%
Call Option	31/10/2023	Cash	1,513	0.00003%
Call Option	31/10/2023	Cash	1,513	0.00003%
Call Option	31/10/2023	Cash	1,513	0.00003%
Future	17/03/2023	Cash	1,512	0.00003%
Call Option	31/01/2025	Cash	1,507	0.00003%
Call Option	31/01/2025	Cash	1,507	0.00003%
Call Option	31/01/2025	Cash	1,507	0.00003%
Put Option	17/03/2023	Cash	1,506	0.00003%
Call Option	28/08/2028	Cash	1,506	0.00003%
Call Option	12/06/2023	Cash	1,500	0.00003%

Call Option	12/06/2023	Cash	1,500	0.00003%
Call Option	12/06/2023	Cash	1,500	0.00003%
Call Option	26/04/2027	Cash	1,498	0.00003%
Call Option	26/04/2027	Cash	1,498	0.00003%
Call Option	26/04/2027	Cash	1,498	0.00003%
Call Option	25/07/2024	Cash	1,497	0.00003%
Call Option	04/08/2025	Cash	1,486	0.00003%
Call Option	21/01/2025	Cash	1,477	0.00003%
Call Option	21/01/2025	Cash	1,477	0.00003%
Call Option	21/01/2025	Cash	1,477	0.00003%
Call Option	19/08/2024	Cash	1,473	0.00003%
Call Option	19/08/2024	Cash	1,473	0.00003%
Call Option	19/08/2024	Cash	1,473	0.00003%
Call Option	20/08/2029	Cash	1,471	0.00003%
Put Option	07/08/2023	Cash	1,464	0.00003%
Put Option	07/08/2023	Cash	1,464	0.00003%
Call Option	23/05/2025	Cash	1,464	0.00003%
Put Option	22/03/2024	Cash	1,458	0.00003%
Call Option	27/04/2029	Cash	1,456	0.00003%
Put Option	20/01/2023	Cash	1,445	0.00003%
Put Option	15/09/2023	Cash	1,444	0.00003%
Call Option	28/05/2024	Cash	1,443	0.00003%
Call Option	28/05/2024	Cash	1,443	0.00003%
Call Option	28/05/2024	Cash	1,443	0.00003%
Call Option	25/05/2028	Cash	1,442	0.00003%
Call Option	25/10/2024	Cash	1,439	0.00003%
Put Option	15/12/2028	Cash	1,438	0.00003%
Put Option	20/12/2030	Cash	1,428	0.00003%
Call Option	22/05/2023	Cash	1,428	0.00003%
Put Option	20/01/2023	Cash	1,424	0.00003%
Call Option	17/02/2023	Cash	1,424	0.00003%
Call Option	23/12/2026	Cash	1,424	0.00003%
Call Option	23/12/2026	Cash	1,424	0.00003%
Call Option	23/12/2026	Cash	1,424	0.00003%
Call Option	13/02/2023	Cash	1,421	0.00003%
Call Option	13/02/2023	Cash	1,421	0.00003%
Call Option	13/02/2023	Cash	1,421	0.00003%
Put Option	26/01/2028	Cash	1,421	0.00003%
Put Option	26/01/2028	Cash	1,421	0.00003%
Put Option	20/12/2030	Cash	1,420	0.00003%
Call Option	02/10/2023	Cash	1,416	0.00003%
Call Option	02/10/2023	Cash	1,416	0.00003%
Call Option	02/10/2023	Cash	1,416	0.00003%
Call Option	15/12/2028	Cash	1,413	0.00003%
Call Option	03/12/2029	Cash	1,411	0.00003%
Call Option	03/12/2029	Cash	1,411	0.00003%
Call Option	03/12/2029	Cash	1,411	0.00003%
Call Option	27/10/2026	Cash	1,410	0.00003%
Call Option	27/10/2026	Cash	1,410	0.00003%
Call Option	27/10/2026	Cash	1,410	0.00003%
Call Option	22/10/2025	Cash	1,398	0.00002%
Call Option	22/10/2025	Cash	1,398	0.00002%
Call Option	22/10/2025	Cash	1,398	0.00002%
Call Option	25/08/2026	Cash	1,391	0.00002%
Call Option	26/04/2024	Cash	1,391	0.00002%

Call Option	26/04/2024	Cash	1,391	0.00002%
Call Option	26/04/2024	Cash	1,391	0.00002%
Call Option	19/02/2026	Cash	1,386	0.00002%
Call Option	19/02/2026	Cash	1,386	0.00002%
Call Option	19/02/2026	Cash	1,386	0.00002%
Call Option	20/03/2025	Cash	1,386	0.00002%
Call Option	20/03/2025	Cash	1,386	0.00002%
Call Option	20/03/2025	Cash	1,386	0.00002%
Put Option	06/09/2023	Cash	1,382	0.00002%
Call Option	13/11/2023	Cash	1,380	0.00002%
Call Option	13/11/2023	Cash	1,380	0.00002%
Call Option	13/11/2023	Cash	1,380	0.00002%
Put Option	17/03/2023	Cash	1,379	0.00002%
Put Option	20/12/2024	Cash	1,376	0.00002%
Call Option	27/06/2023	Cash	1,371	0.00002%
Call Option	22/04/2024	Cash	1,370	0.00002%
Call Option	22/04/2024	Cash	1,370	0.00002%
Call Option	22/04/2024	Cash	1,370	0.00002%
Call Option	24/04/2028	Cash	1,362	0.00002%
Call Option	24/04/2028	Cash	1,362	0.00002%
Call Option	24/04/2028	Cash	1,362	0.00002%
Call Option	12/02/2026	Cash	1,358	0.00002%
Call Option	23/04/2026	Cash	1,357	0.00002%
Put Option	15/12/2028	Cash	1,355	0.00002%
Call Option	15/12/2023	Cash	1,355	0.00002%
Put Option	15/12/2028	Cash	1,351	0.00002%
Put Option	16/06/2023	Cash	1,350	0.00002%
Swap	08/03/2023	Cash	1,349	0.00002%
Swap	08/03/2023	Cash	1,349	0.00002%
Call Option	27/11/2028	Cash	1,347	0.00002%
Put Option	28/01/2025	Cash	1,347	0.00002%
Put Option	28/01/2025	Cash	1,347	0.00002%
Put Option	28/01/2025	Cash	1,347	0.00002%
Put Option	16/06/2023	Cash	1,343	0.00002%
Call Option	27/01/2026	Cash	1,342	0.00002%
Call Option	16/10/2023	Cash	1,329	0.00002%
Call Option	16/10/2023	Cash	1,329	0.00002%
Call Option	16/10/2023	Cash	1,329	0.00002%
Call Option	25/06/2029	Cash	1,327	0.00002%
Forward	20/12/2022	Cash	1,321	0.00002%
Forward	23/12/2022	Cash	1,321	0.00002%
Call Option	22/02/2023	Cash	1,319	0.00002%
Call Option	15/12/2023	Cash	1,312	0.00002%
Call Option	15/12/2023	Cash	1,312	0.00002%
Call Option	25/03/2024	Cash	1,312	0.00002%
Put Option	20/01/2023	Cash	1,305	0.00002%
Put Option	20/12/2024	Cash	1,302	0.00002%
Put Option	20/12/2024	Cash	1,301	0.00002%
Call Option	29/06/2023	Cash	1,294	0.00002%
Call Option	29/06/2023	Cash	1,294	0.00002%
Call Option	29/06/2023	Cash	1,294	0.00002%
Call Option	17/03/2023	Cash	1,294	0.00002%
Call Option	18/02/2026	Cash	1,284	0.00002%
Call Option	18/02/2026	Cash	1,284	0.00002%
Call Option	18/02/2026	Cash	1,284	0.00002%

Call Option	22/01/2026	Cash	1,282	0.00002%
Call Option	26/01/2029	Cash	1,278	0.00002%
Call Option	29/12/2023	Cash	1,274	0.00002%
Call Option	29/12/2023	Cash	1,274	0.00002%
Call Option	29/12/2023	Cash	1,274	0.00002%
Call Option	04/10/2024	Cash	1,266	0.00002%
Call Option	04/10/2024	Cash	1,266	0.00002%
Call Option	04/10/2024	Cash	1,266	0.00002%
Call Option	23/02/2026	Cash	1,266	0.00002%
Call Option	23/02/2026	Cash	1,266	0.00002%
Call Option	23/02/2026	Cash	1,266	0.00002%
Future	21/12/2029	Cash	1,263	0.00002%
Call Option	26/07/2024	Cash	1,262	0.00002%
Call Option	26/07/2024	Cash	1,262	0.00002%
Call Option	26/07/2024	Cash	1,262	0.00002%
Call Option	31/08/2023	Cash	1,260	0.00002%
Call Option	31/08/2023	Cash	1,260	0.00002%
Call Option	31/08/2023	Cash	1,260	0.00002%
Future	20/12/2030	Cash	1,260	0.00002%
Put Option	30/05/2023	Cash	1,260	0.00002%
Call Option	22/12/2026	Cash	1,258	0.00002%
Call Option	20/05/2026	Cash	1,256	0.00002%
Call Option	20/05/2026	Cash	1,256	0.00002%
Call Option	20/05/2026	Cash	1,256	0.00002%
Put Option	18/02/2025	Cash	1,254	0.00002%
Put Option	18/02/2025	Cash	1,254	0.00002%
Put Option	18/02/2025	Cash	1,254	0.00002%
Put Option	20/01/2023	Cash	1,253	0.00002%
Call Option	21/01/2027	Cash	1,252	0.00002%
Future	15/12/2028	Cash	1,247	0.00002%
Call Option	18/12/2026	Cash	1,245	0.00002%
Call Option	09/10/2023	Cash	1,241	0.00002%
Call Option	09/10/2023	Cash	1,241	0.00002%
Call Option	09/10/2023	Cash	1,241	0.00002%
Call Option	30/03/2027	Cash	1,236	0.00002%
Call Option	30/03/2027	Cash	1,236	0.00002%
Call Option	30/03/2027	Cash	1,236	0.00002%
Call Warrant	31/12/2030	cash	1,234	0.00002%
Call Option	23/12/2024	Cash	1,234	0.00002%
Call Option	23/12/2024	Cash	1,234	0.00002%
Call Option	23/12/2024	Cash	1,234	0.00002%
Call Option	20/12/2024	Cash	1,233	0.00002%
Put Option	15/12/2023	Cash	1,230	0.00002%
Call Option	25/02/2025	Cash	1,229	0.00002%
Call Option	25/02/2025	Cash	1,229	0.00002%
Call Option	25/02/2025	Cash	1,229	0.00002%
Put Option	15/12/2023	Cash	1,229	0.00002%
Call Option	28/08/2028	Cash	1,227	0.00002%
Call Option	27/12/2023	Cash	1,222	0.00002%
Call Option	27/12/2023	Cash	1,222	0.00002%
Call Option	27/12/2023	Cash	1,222	0.00002%
Call Option	26/10/2026	Cash	1,219	0.00002%
Call Option	20/12/2024	Cash	1,219	0.00002%
Future	17/12/2027	Cash	1,214	0.00002%
Forward	17/03/2023	Cash	1,211	0.00002%

Forward	17/03/2023	Cash	1,211	0.00002%
Call Option	12/05/2025	Cash	1,196	0.00002%
Call Option	23/11/2026	Cash	1,193	0.00002%
Call Option	23/11/2026	Cash	1,193	0.00002%
Call Option	23/11/2026	Cash	1,193	0.00002%
Call Option	21/08/2025	Cash	1,191	0.00002%
Call Option	21/08/2025	Cash	1,191	0.00002%
Call Option	21/08/2025	Cash	1,191	0.00002%
Call Option	18/03/2026	Cash	1,188	0.00002%
Call Option	18/03/2026	Cash	1,188	0.00002%
Call Option	18/03/2026	Cash	1,188	0.00002%
Put Option	26/09/2023	Cash	1,187	0.00002%
Put Option	26/09/2023	Cash	1,187	0.00002%
Put Option	26/09/2023	Cash	1,187	0.00002%
Call Option	18/03/2027	Cash	1,184	0.00002%
Put Option	16/06/2023	Cash	1,180	0.00002%
Call Option	20/03/2023	Cash	1,173	0.00002%
Call Option	20/03/2023	Cash	1,173	0.00002%
Call Option	20/03/2023	Cash	1,173	0.00002%
Call Option	17/02/2023	Cash	1,172	0.00002%
Call Option	26/06/2023	Cash	1,171	0.00002%
Call Option	26/06/2023	Cash	1,171	0.00002%
Call Option	26/06/2023	Cash	1,171	0.00002%
Call Option	22/12/2025	Cash	1,166	0.00002%
Call Option	12/06/2023	Cash	1,166	0.00002%
Call Option	26/11/2027	Cash	1,161	0.00002%
Call Option	31/03/2023	Cash	1,159	0.00002%
Call Option	31/03/2023	Cash	1,159	0.00002%
Call Option	31/03/2023	Cash	1,159	0.00002%
Call Option	12/06/2023	Cash	1,159	0.00002%
Call Option	12/06/2023	Cash	1,159	0.00002%
Put Option	18/12/2026	Cash	1,155	0.00002%
Put Option	15/12/2023	Cash	1,154	0.00002%
Put Option	26/01/2028	Cash	1,153	0.00002%
Put Option	26/01/2028	Cash	1,153	0.00002%
Call Option	26/07/2024	Cash	1,152	0.00002%
Call Option	26/07/2024	Cash	1,152	0.00002%
Call Option	26/07/2024	Cash	1,152	0.00002%
Call Option	23/11/2029	Cash	1,149	0.00002%
Call Option	15/12/2023	Cash	1,148	0.00002%
Call Option	26/01/2026	Cash	1,146	0.00002%
Call Option	26/01/2026	Cash	1,146	0.00002%
Call Option	26/01/2026	Cash	1,146	0.00002%
Put Option	20/12/2024	Cash	1,145	0.00002%
Call Option	20/07/2023	Cash	1,145	0.00002%
Call Option	20/12/2030	Cash	1,140	0.00002%
Call Option	20/12/2024	Cash	1,138	0.00002%
Call Option	27/09/2028	Cash	1,138	0.00002%
Call Option	30/11/2023	Cash	1,137	0.00002%
Call Option	30/11/2023	Cash	1,137	0.00002%
Call Option	30/11/2023	Cash	1,137	0.00002%
Call Option	03/05/2027	Cash	1,136	0.00002%
Call Option	03/05/2027	Cash	1,136	0.00002%
Call Option	03/05/2027	Cash	1,136	0.00002%
Put Option	26/12/2023	Cash	1,133	0.00002%

Put Option	26/12/2023	Cash	1,133	0.00002%
Put Option	26/12/2023	Cash	1,133	0.00002%
Put Option	20/12/2024	Cash	1,130	0.00002%
Call Option	21/05/2027	Cash	1,129	0.00002%
Call Option	21/05/2027	Cash	1,129	0.00002%
Call Option	21/05/2027	Cash	1,129	0.00002%
Put Option	20/12/2030	Cash	1,122	0.00002%
Call Option	25/01/2024	Cash	1,122	0.00002%
Call Option	25/01/2024	Cash	1,122	0.00002%
Future	17/03/2023	Cash	1,119	0.00002%
Call Option	27/09/2028	Cash	1,115	0.00002%
Call Option	28/10/2027	Cash	1,112	0.00002%
Call Option	18/12/2026	Cash	1,109	0.00002%
Put Option	15/12/2023	Cash	1,108	0.00002%
Call Option	25/08/2023	Cash	1,106	0.00002%
Call Option	25/08/2023	Cash	1,106	0.00002%
Call Option	20/11/2023	Cash	1,105	0.00002%
Call Option	20/11/2023	Cash	1,105	0.00002%
Call Option	20/11/2023	Cash	1,105	0.00002%
Put Option	07/08/2023	Cash	1,103	0.00002%
Put Option	26/10/2028	Cash	1,101	0.00002%
Put Option	26/10/2028	Cash	1,101	0.00002%
Put Option	26/10/2028	Cash	1,101	0.00002%
Call Option	28/11/2024	Cash	1,100	0.00002%
Call Option	28/11/2024	Cash	1,100	0.00002%
Future	18/12/2026	Cash	1,097	0.00002%
Swap	20/10/2032	Cash	1,096	0.00002%
Put Option	31/08/2023	Cash	1,094	0.00002%
Put Option	31/08/2023	Cash	1,094	0.00002%
Call Option	25/06/2025	Cash	1,092	0.00002%
Call Option	25/06/2025	Cash	1,092	0.00002%
Call Option	25/06/2025	Cash	1,092	0.00002%
Call Option	27/10/2028	Cash	1,087	0.00002%
Call Option	02/07/2030	Cash	1,084	0.00002%
Call Option	20/08/2026	Cash	1,084	0.00002%
Call Option	20/08/2026	Cash	1,084	0.00002%
Call Option	20/08/2026	Cash	1,084	0.00002%
Call Option	24/07/2029	Cash	1,083	0.00002%
Call Option	25/06/2029	Cash	1,083	0.00002%
Future	16/12/2022	Cash	1,076	0.00002%
Call Option	16/06/2023	Cash	1,074	0.00002%
Put Option	26/10/2028	Cash	1,071	0.00002%
Put Option	26/10/2028	Cash	1,071	0.00002%
Put Option	26/10/2028	Cash	1,071	0.00002%
Call Option	26/10/2023	Cash	1,070	0.00002%
Call Option	18/02/2027	Cash	1,052	0.00002%
Call Option	14/02/2029	Cash	1,051	0.00002%
Call Option	24/09/2025	Cash	1,046	0.00002%
Call Option	10/06/2024	Cash	1,042	0.00002%
Put Option	20/01/2023	Cash	1,042	0.00002%
Call Option	26/02/2024	Cash	1,042	0.00002%
Call Option	26/02/2024	Cash	1,042	0.00002%
Call Option	26/02/2024	Cash	1,042	0.00002%
Put Option	20/12/2030	Cash	1,042	0.00002%
Call Option	17/09/2025	Cash	1,042	0.00002%

Call Option	17/09/2025	Cash	1,042	0.00002%
Call Option	17/09/2025	Cash	1,042	0.00002%
Call Option	15/12/2028	Cash	1,040	0.00002%
Call Option	22/07/2026	Cash	1,036	0.00002%
Call Option	27/10/2027	Cash	1,036	0.00002%
Call Option	21/08/2026	Cash	1,035	0.00002%
Call Option	21/08/2026	Cash	1,035	0.00002%
Call Option	21/08/2026	Cash	1,035	0.00002%
Call Option	18/01/2024	Cash	1,029	0.00002%
Put Option	17/03/2023	Cash	1,026	0.00002%
Call Option	26/06/2024	Cash	1,014	0.00002%
Call Option	26/06/2024	Cash	1,014	0.00002%
Call Option	26/06/2024	Cash	1,014	0.00002%
Call Option	26/04/2029	Cash	1,014	0.00002%
Call Option	12/10/2026	Cash	1,012	0.00002%
Call Option	27/08/2024	Cash	1,011	0.00002%
Call Option	25/01/2027	Cash	1,001	0.00002%
Call Option	25/01/2027	Cash	1,001	0.00002%
Call Option	25/01/2027	Cash	1,001	0.00002%
Call Warrant	31/12/2030	cash	1,000	0.00002%
Call Option	26/01/2023	Cash	992	0.00002%
Call Option	26/01/2023	Cash	992	0.00002%
Call Option	26/01/2023	Cash	992	0.00002%
Call Option	08/01/2024	Cash	992	0.00002%
Call Option	08/01/2024	Cash	992	0.00002%
Call Option	08/01/2024	Cash	992	0.00002%
Call Option	31/03/2035	Cash	992	0.00002%
Call Option	25/03/2025	Cash	990	0.00002%
Call Option	19/06/2026	Cash	989	0.00002%
Call Option	19/06/2026	Cash	989	0.00002%
Call Option	19/06/2026	Cash	989	0.00002%
Forward	17/03/2023	Cash	989	0.00002%
Call Option	25/07/2024	Cash	985	0.00002%
Future	17/03/2023	Cash	982	0.00002%
Call Option	03/04/2023	Cash	982	0.00002%
Call Option	03/04/2023	Cash	982	0.00002%
Call Option	03/04/2023	Cash	982	0.00002%
Put Option	05/05/2023	Cash	981	0.00002%
Call Option	30/04/2024	Cash	978	0.00002%
Call Option	30/04/2024	Cash	978	0.00002%
Call Option	30/04/2024	Cash	978	0.00002%
Call Option	21/01/2027	Cash	973	0.00002%
Call Option	21/01/2027	Cash	973	0.00002%
Call Option	21/01/2027	Cash	973	0.00002%
Call Option	11/10/2027	Cash	971	0.00002%
Call Option	27/08/2025	Cash	971	0.00002%
Call Option	16/12/2027	Cash	969	0.00002%
Call Option	16/06/2023	Cash	969	0.00002%
Call Option	25/03/2027	Cash	968	0.00002%
Call Option	17/03/2023	Cash	965	0.00002%
Call Option	23/12/2024	Cash	965	0.00002%
Call Option	23/12/2024	Cash	965	0.00002%
Call Option	23/12/2024	Cash	965	0.00002%
Put Option	20/01/2023	Cash	962	0.00002%
Call Option	16/03/2023	Cash	959	0.00002%

Call Option	17/03/2023	Cash	959	0.00002%
Put Option	17/02/2023	Cash	956	0.00002%
Call Option	26/07/2023	Cash	955	0.00002%
Call Option	26/07/2023	Cash	955	0.00002%
Call Option	26/07/2023	Cash	955	0.00002%
Put Option	20/01/2023	Cash	952	0.00002%
Call Option	28/04/2023	Cash	950	0.00002%
Call Option	28/04/2023	Cash	950	0.00002%
Call Option	28/04/2023	Cash	950	0.00002%
Call Option	21/01/2026	Cash	950	0.00002%
Call Option	21/01/2026	Cash	950	0.00002%
Call Option	21/01/2026	Cash	950	0.00002%
Call Option	22/06/2029	Cash	948	0.00002%
Put Option	15/12/2023	Cash	944	0.00002%
Call Option	15/12/2023	Cash	944	0.00002%
Call Option	30/03/2027	Cash	943	0.00002%
Call Option	30/03/2027	Cash	943	0.00002%
Call Option	30/03/2027	Cash	943	0.00002%
Call Option	27/01/2025	Cash	941	0.00002%
Call Option	28/07/2025	Cash	935	0.00002%
Call Option	28/07/2025	Cash	935	0.00002%
Call Option	28/07/2025	Cash	935	0.00002%
Call Option	10/10/2025	Cash	930	0.00002%
Call Option	26/01/2027	Cash	929	0.00002%
Call Option	26/01/2027	Cash	929	0.00002%
Call Option	26/01/2027	Cash	929	0.00002%
Swap	13/03/2023	Cash	928	0.00002%
Call Option	21/02/2028	Cash	927	0.00002%
Call Option	10/10/2028	Cash	926	0.00002%
Call Option	28/06/2027	Cash	923	0.00002%
Call Option	28/06/2027	Cash	923	0.00002%
Call Option	28/06/2027	Cash	923	0.00002%
Call Option	31/05/2024	Cash	920	0.00002%
Call Option	31/05/2024	Cash	920	0.00002%
Call Option	31/05/2024	Cash	920	0.00002%
Call Option	18/03/2024	Cash	915	0.00002%
Call Option	18/03/2024	Cash	915	0.00002%
Call Option	18/03/2024	Cash	915	0.00002%
Call Option	23/02/2029	Cash	908	0.00002%
Call Option	24/05/2024	Cash	906	0.00002%
Call Option	29/12/2023	Cash	905	0.00002%
Call Option	20/05/2027	Cash	899	0.00002%
Call Option	20/05/2027	Cash	899	0.00002%
Call Option	20/05/2027	Cash	899	0.00002%
Call Option	18/12/2023	Cash	898	0.00002%
Call Option	24/07/2025	Cash	897	0.00002%
Call Option	24/07/2025	Cash	897	0.00002%
Call Option	24/07/2025	Cash	897	0.00002%
Call Option	23/06/2023	Cash	897	0.00002%
Call Option	23/06/2023	Cash	897	0.00002%
Call Option	23/06/2023	Cash	897	0.00002%
Call Option	26/06/2023	Cash	897	0.00002%
Call Option	26/06/2023	Cash	897	0.00002%
Put Option	15/12/2023	Cash	896	0.00002%
Swap	06/10/2023	Cash	896	0.00002%

Call Option	24/07/2023	Cash	895	0.00002%
Put Option	06/09/2023	Cash	893	0.00002%
Put Option	25/04/2023	Cash	891	0.00002%
Put Option	16/10/2025	Cash	882	0.00002%
Put Option	16/10/2025	Cash	882	0.00002%
Put Option	16/10/2025	Cash	882	0.00002%
Call Option	09/10/2029	Cash	882	0.00002%
Call Option	28/08/2024	Cash	877	0.00002%
Call Option	28/08/2024	Cash	877	0.00002%
Call Option	28/08/2024	Cash	877	0.00002%
Put Option	26/07/2028	Cash	871	0.00002%
Put Option	26/07/2028	Cash	871	0.00002%
Put Option	26/07/2028	Cash	871	0.00002%
Call Option	28/02/2023	Cash	865	0.00002%
Call Option	28/02/2023	Cash	865	0.00002%
Call Option	28/02/2023	Cash	865	0.00002%
Call Option	24/05/2024	Cash	863	0.00002%
Put Option	07/08/2023	Cash	863	0.00002%
Call Option	26/07/2027	Cash	861	0.00002%
Call Option	26/07/2027	Cash	861	0.00002%
Call Option	26/07/2027	Cash	861	0.00002%
Future	16/12/2022	Cash	860	0.00002%
Call Option	26/05/2027	Cash	857	0.00002%
Call Option	27/10/2028	Cash	856	0.00002%
Call Option	07/08/2028	Cash	854	0.00002%
Future	15/12/2023	Cash	844	0.00001%
Put Option	15/12/2028	Cash	842	0.00001%
Call Option	23/12/2025	Cash	841	0.00001%
Call Option	23/12/2025	Cash	841	0.00001%
Call Option	23/12/2025	Cash	841	0.00001%
Call Option	27/12/2028	Cash	838	0.00001%
Put Option	20/01/2023	Cash	835	0.00001%
Call Option	28/04/2028	Cash	831	0.00001%
Call Option	28/04/2028	Cash	831	0.00001%
Call Option	28/04/2028	Cash	831	0.00001%
Call Option	30/11/2023	Cash	830	0.00001%
Call Option	30/11/2023	Cash	830	0.00001%
Call Option	30/11/2023	Cash	830	0.00001%
Call Option	18/06/2026	Cash	826	0.00001%
Put Option	28/01/2025	Cash	823	0.00001%
Put Option	28/01/2025	Cash	823	0.00001%
Put Option	28/01/2025	Cash	823	0.00001%
Call Option	24/11/2025	Cash	821	0.00001%
Call Option	31/03/2025	Cash	820	0.00001%
Call Option	31/03/2025	Cash	820	0.00001%
Call Option	31/03/2025	Cash	820	0.00001%
Put Option	17/03/2023	Cash	819	0.00001%
Put Option	25/03/2024	Cash	815	0.00001%
Put Option	25/03/2024	Cash	815	0.00001%
Put Option	25/03/2024	Cash	815	0.00001%
Call Option	11/08/2023	Cash	810	0.00001%
Call Option	11/08/2023	Cash	810	0.00001%
Call Option	11/08/2023	Cash	810	0.00001%
Call Option	24/06/2024	Cash	810	0.00001%
Call Option	25/06/2024	Cash	804	0.00001%

Call Option	25/06/2024	Cash	804	0.00001%
Call Option	25/06/2024	Cash	804	0.00001%
Swap	19/04/2027	Cash	803	0.00001%
Call Warrant	31/12/2030	cash	800	0.00001%
Call Option	20/12/2022	Cash	798	0.00001%
Call Option	20/12/2022	Cash	798	0.00001%
Call Option	20/12/2022	Cash	798	0.00001%
Call Option	29/01/2024	Cash	794	0.00001%
Call Option	29/01/2024	Cash	794	0.00001%
Call Option	29/01/2024	Cash	794	0.00001%
Call Option	28/12/2022	Cash	792	0.00001%
Call Option	28/12/2022	Cash	792	0.00001%
Call Option	18/02/2025	Cash	790	0.00001%
Call Option	18/02/2025	Cash	790	0.00001%
Call Option	18/02/2025	Cash	790	0.00001%
Put Option	26/12/2023	Cash	790	0.00001%
Put Option	26/12/2023	Cash	790	0.00001%
Put Option	26/12/2023	Cash	790	0.00001%
Call Option	18/09/2023	Cash	787	0.00001%
Call Option	27/07/2029	Cash	784	0.00001%
Call Option	29/12/2023	Cash	777	0.00001%
Call Option	27/03/2023	Cash	767	0.00001%
Call Option	27/03/2023	Cash	767	0.00001%
Call Option	27/03/2023	Cash	767	0.00001%
Call Option	22/04/2027	Cash	765	0.00001%
Call Option	22/04/2027	Cash	765	0.00001%
Call Option	22/04/2027	Cash	765	0.00001%
Call Option	31/10/2023	Cash	764	0.00001%
Call Option	31/10/2023	Cash	764	0.00001%
Call Option	31/10/2023	Cash	764	0.00001%
Swap	25/03/2027	Cash	760	0.00001%
Put Option	15/12/2023	Cash	759	0.00001%
Call Option	22/12/2025	Cash	759	0.00001%
Call Option	22/12/2025	Cash	759	0.00001%
Call Option	22/12/2025	Cash	759	0.00001%
Put Option	26/12/2028	Cash	756	0.00001%
Put Option	26/12/2028	Cash	756	0.00001%
Put Option	26/12/2028	Cash	756	0.00001%
Put Option	13/04/2023	Cash	756	0.00001%
Call Option	28/06/2024	Cash	754	0.00001%
Call Option	28/06/2024	Cash	754	0.00001%
Call Option	28/06/2024	Cash	754	0.00001%
Call Option	27/02/2035	Cash	751	0.00001%
Put Option	15/12/2023	Cash	749	0.00001%
Swap	16/12/2032	Cash	747	0.00001%
Call Option	29/12/2023	Cash	745	0.00001%
Put Option	16/12/2022	Cash	745	0.00001%
Call Option	30/06/2023	Cash	744	0.00001%
Call Option	30/06/2023	Cash	744	0.00001%
Call Option	30/06/2023	Cash	744	0.00001%
Call Option	25/05/2029	Cash	740	0.00001%
Call Option	25/09/2024	Cash	738	0.00001%
Put Option	20/01/2023	Cash	736	0.00001%
Call Option	19/11/2024	Cash	732	0.00001%
Call Option	19/11/2024	Cash	732	0.00001%

Call Option	19/11/2024	Cash	732	0.00001%
Future	16/12/2022	Cash	731	0.00001%
Call Option	26/01/2029	Cash	731	0.00001%
Call Option	29/01/2024	Cash	731	0.00001%
Call Option	29/01/2024	Cash	731	0.00001%
Call Option	29/01/2024	Cash	731	0.00001%
Call Option	24/09/2025	Cash	729	0.00001%
Call Option	24/04/2025	Cash	728	0.00001%
Call Option	29/01/2024	Cash	723	0.00001%
Call Option	29/01/2024	Cash	723	0.00001%
Call Option	29/01/2024	Cash	723	0.00001%
Call Option	20/08/2027	Cash	721	0.00001%
Call Option	20/08/2027	Cash	721	0.00001%
Call Option	20/08/2027	Cash	721	0.00001%
Call Option	17/02/2023	Cash	720	0.00001%
Swap	17/03/2023	Cash	720	0.00001%
Call Option	24/02/2025	Cash	718	0.00001%
Call Option	16/06/2023	Cash	718	0.00001%
Future	16/12/2022	Cash	717	0.00001%
Future	16/12/2022	Cash	717	0.00001%
Put Option	26/07/2028	Cash	716	0.00001%
Put Option	26/07/2028	Cash	716	0.00001%
Put Option	26/07/2028	Cash	716	0.00001%
Put Option	31/03/2023	Cash	715	0.00001%
Call Option	19/11/2025	Cash	712	0.00001%
Call Option	19/11/2025	Cash	712	0.00001%
Call Option	19/11/2025	Cash	712	0.00001%
Call Option	29/06/2027	Cash	709	0.00001%
Call Option	03/08/2027	Cash	704	0.00001%
Call Warrant	31/12/2030	cash	700	0.00001%
Call Option	18/02/2027	Cash	700	0.00001%
Call Option	18/02/2027	Cash	700	0.00001%
Call Option	18/02/2027	Cash	700	0.00001%
Call Warrant	16/06/2023	cash	700	0.00001%
Put Option	22/03/2024	Cash	699	0.00001%
Call Option	29/12/2026	Cash	699	0.00001%
Call Option	29/12/2026	Cash	699	0.00001%
Call Option	29/12/2026	Cash	699	0.00001%
Put Option	20/12/2024	Cash	699	0.00001%
Call Option	23/11/2028	Cash	697	0.00001%
Put Option	26/09/2023	Cash	693	0.00001%
Put Option	26/09/2023	Cash	693	0.00001%
Put Option	26/09/2023	Cash	693	0.00001%
Call Option	31/03/2023	Cash	693	0.00001%
Call Option	31/03/2023	Cash	693	0.00001%
Call Option	31/03/2023	Cash	693	0.00001%
Call Option	26/05/2025	Cash	692	0.00001%
Call Option	26/05/2025	Cash	692	0.00001%
Call Option	26/05/2025	Cash	692	0.00001%
Call Option	17/03/2023	Cash	692	0.00001%
Put Option	07/08/2023	Cash	689	0.00001%
Forward	17/03/2023	Cash	688	0.00001%
Call Option	14/07/2023	Cash	683	0.00001%
Put Option	15/12/2023	Cash	682	0.00001%
Call Option	20/11/2023	Cash	678	0.00001%

Call Option	26/10/2027	Cash	677	0.00001%
Call Option	26/10/2027	Cash	677	0.00001%
Call Option	26/10/2027	Cash	677	0.00001%
Call Option	18/09/2025	Cash	671	0.00001%
Call Option	18/09/2025	Cash	671	0.00001%
Call Option	18/09/2025	Cash	671	0.00001%
Call Option	26/08/2025	Cash	670	0.00001%
Call Option	26/08/2025	Cash	670	0.00001%
Call Option	26/08/2025	Cash	670	0.00001%
Put Option	07/08/2023	Cash	662	0.00001%
Call Option	25/04/2025	Cash	660	0.00001%
Call Option	25/04/2025	Cash	660	0.00001%
Call Option	25/04/2025	Cash	660	0.00001%
Call Option	26/02/2025	Cash	660	0.00001%
Swap	19/04/2027	Cash	659	0.00001%
Call Option	23/10/2026	Cash	658	0.00001%
Put Option	26/12/2028	Cash	656	0.00001%
Put Option	26/12/2028	Cash	656	0.00001%
Put Option	26/12/2028	Cash	656	0.00001%
Call Option	19/02/2027	Cash	654	0.00001%
Call Option	19/02/2027	Cash	654	0.00001%
Call Option	19/02/2027	Cash	654	0.00001%
Call Option	31/05/2024	Cash	654	0.00001%
Call Option	31/05/2024	Cash	654	0.00001%
Call Option	31/05/2024	Cash	654	0.00001%
Call Option	18/09/2026	Cash	651	0.00001%
Call Option	18/09/2026	Cash	651	0.00001%
Call Option	18/09/2026	Cash	651	0.00001%
Call Option	20/01/2023	Cash	641	0.00001%
Call Option	30/08/2027	Cash	640	0.00001%
Call Option	30/08/2027	Cash	640	0.00001%
Call Option	30/08/2027	Cash	640	0.00001%
Call Option	04/09/2025	Cash	639	0.00001%
Call Option	28/09/2023	Cash	638	0.00001%
Call Option	28/09/2023	Cash	638	0.00001%
Call Option	28/09/2023	Cash	638	0.00001%
Future	16/12/2022	Cash	638	0.00001%
Put Option	15/12/2023	Cash	636	0.00001%
Call Option	24/07/2029	Cash	633	0.00001%
Call Option	29/06/2029	Cash	633	0.00001%
Call Option	29/06/2029	Cash	633	0.00001%
Call Option	29/06/2029	Cash	633	0.00001%
Future	15/12/2023	Cash	633	0.00001%
Call Option	31/07/2024	Cash	633	0.00001%
Call Option	31/07/2024	Cash	633	0.00001%
Call Option	31/07/2024	Cash	633	0.00001%
Swap	02/10/2030	Cash	633	0.00001%
Call Option	13/12/2028	Cash	632	0.00001%
Call Option	27/09/2029	Cash	629	0.00001%
Call Option	26/11/2025	Cash	627	0.00001%
Put Option	20/12/2024	Cash	627	0.00001%
Call Option	30/05/2023	Cash	626	0.00001%
Call Option	30/05/2023	Cash	626	0.00001%
Call Option	30/05/2023	Cash	626	0.00001%
Put Option	15/09/2023	Cash	622	0.00001%

Call Option	18/09/2029	Cash	620	0.00001%
Swap	25/03/2027	Cash	616	0.00001%
Call Option	24/03/2025	Cash	616	0.00001%
Call Option	24/03/2025	Cash	616	0.00001%
Call Option	24/03/2025	Cash	616	0.00001%
Call Option	25/01/2023	Cash	615	0.00001%
Call Option	15/09/2023	Cash	613	0.00001%
Call Option	15/03/2027	Cash	612	0.00001%
Call Option	15/12/2023	Cash	612	0.00001%
Call Option	15/12/2023	Cash	612	0.00001%
Put Option	26/07/2023	Cash	612	0.00001%
Put Option	26/07/2023	Cash	612	0.00001%
Put Option	26/07/2023	Cash	612	0.00001%
Put Option	17/02/2023	Cash	612	0.00001%
Call Option	21/01/2028	Cash	610	0.00001%
Call Option	21/01/2028	Cash	610	0.00001%
Call Option	21/01/2028	Cash	610	0.00001%
Call Option	27/08/2029	Cash	610	0.00001%
Call Option	23/10/2025	Cash	607	0.00001%
Call Option	28/01/2030	Cash	606	0.00001%
Call Option	28/01/2030	Cash	606	0.00001%
Call Option	28/01/2030	Cash	606	0.00001%
Call Option	25/04/2024	Cash	605	0.00001%
Call Option	25/04/2024	Cash	605	0.00001%
Call Option	25/04/2024	Cash	605	0.00001%
Call Option	17/09/2027	Cash	599	0.00001%
Call Option	17/09/2027	Cash	599	0.00001%
Call Option	17/09/2027	Cash	599	0.00001%
Call Option	21/01/2025	Cash	597	0.00001%
Call Option	21/01/2025	Cash	597	0.00001%
Call Option	21/01/2025	Cash	597	0.00001%
Call Option	27/06/2029	Cash	595	0.00001%
Call Option	28/08/2023	Cash	593	0.00001%
Call Option	28/08/2023	Cash	593	0.00001%
Call Option	28/08/2023	Cash	593	0.00001%
Call Option	30/08/2024	Cash	592	0.00001%
Call Option	30/08/2024	Cash	592	0.00001%
Call Option	30/08/2024	Cash	592	0.00001%
Call Option	26/03/2026	Cash	591	0.00001%
Call Option	26/03/2026	Cash	591	0.00001%
Call Option	26/03/2026	Cash	591	0.00001%
Call Option	27/04/2029	Cash	590	0.00001%
Put Option	18/12/2026	Cash	588	0.00001%
Put Option	28/01/2025	Cash	588	0.00001%
Put Option	28/01/2025	Cash	588	0.00001%
Put Option	28/01/2025	Cash	588	0.00001%
Call Option	20/01/2023	Cash	587	0.00001%
Call Option	23/07/2029	Cash	583	0.00001%
Call Option	19/06/2025	Cash	582	0.00001%
Call Option	19/06/2025	Cash	582	0.00001%
Call Option	19/06/2025	Cash	582	0.00001%
Call Option	30/12/2025	Cash	579	0.00001%
Call Option	30/12/2025	Cash	579	0.00001%
Call Option	30/12/2025	Cash	579	0.00001%
Call Option	25/05/2028	Cash	574	0.00001%

Call Option	25/05/2028	Cash	574	0.00001%
Call Option	25/05/2028	Cash	574	0.00001%
Call Option	27/10/2025	Cash	571	0.00001%
Call Option	27/10/2025	Cash	571	0.00001%
Call Option	27/10/2025	Cash	571	0.00001%
Call Option	25/05/2029	Cash	571	0.00001%
Call Option	25/05/2029	Cash	571	0.00001%
Call Option	25/05/2029	Cash	571	0.00001%
Put Option	28/03/2023	Cash	569	0.00001%
Put Option	28/03/2023	Cash	569	0.00001%
Put Option	28/03/2023	Cash	569	0.00001%
Call Option	21/01/2027	Cash	568	0.00001%
Call Option	21/01/2027	Cash	568	0.00001%
Call Option	21/01/2027	Cash	568	0.00001%
Call Option	28/05/2024	Cash	568	0.00001%
Call Option	28/05/2024	Cash	568	0.00001%
Call Option	28/05/2024	Cash	568	0.00001%
Call Option	04/04/2024	Cash	566	0.00001%
Call Option	23/10/2023	Cash	561	0.00001%
Call Option	31/08/2023	Cash	559	0.00001%
Call Option	31/08/2023	Cash	559	0.00001%
Call Option	31/08/2023	Cash	559	0.00001%
Call Option	17/03/2023	Cash	558	0.00001%
Call Option	18/03/2025	Cash	558	0.00001%
Call Option	18/03/2025	Cash	558	0.00001%
Call Option	18/03/2025	Cash	558	0.00001%
Call Option	25/08/2027	Cash	558	0.00001%
Call Option	27/09/2028	Cash	556	0.00001%
Call Warrant	17/02/2023	physical	556	0.00001%
Call Option	29/12/2023	Cash	555	0.00001%
Call Option	25/03/2027	Cash	555	0.00001%
Call Option	28/09/2023	Cash	549	0.00001%
Call Option	28/09/2023	Cash	549	0.00001%
Call Option	28/09/2023	Cash	549	0.00001%
Call Option	31/07/2023	Cash	546	0.00001%
Call Option	31/07/2023	Cash	546	0.00001%
Call Option	31/07/2023	Cash	546	0.00001%
Call Option	29/10/2025	Cash	546	0.00001%
Call Option	29/10/2025	Cash	546	0.00001%
Call Option	29/10/2025	Cash	546	0.00001%
Call Option	21/12/2027	Cash	545	0.00001%
Put Option	08/03/2023	Cash	544	0.00001%
Call Option	25/06/2027	Cash	542	0.00001%
Put Option	06/08/2024	Cash	541	0.00001%
Put Option	06/08/2024	Cash	541	0.00001%
Put Option	06/08/2024	Cash	541	0.00001%
Call Option	14/12/2023	Cash	535	0.00001%
Call Option	14/12/2023	Cash	535	0.00001%
Call Option	14/12/2023	Cash	535	0.00001%
Call Option	27/08/2024	Cash	534	0.00001%
Call Option	27/08/2024	Cash	534	0.00001%
Call Option	27/08/2024	Cash	534	0.00001%
Put Option	12/06/2023	Cash	532	0.00001%
Call Option	26/03/2026	Cash	531	0.00001%
Call Option	26/03/2026	Cash	531	0.00001%

Call Option	26/03/2026	Cash	531	0.00001%
Call Option	17/03/2023	Cash	530	0.00001%
Put Option	06/08/2024	Cash	527	0.00001%
Put Option	06/08/2024	Cash	527	0.00001%
Put Option	06/08/2024	Cash	527	0.00001%
Call Option	26/06/2024	Cash	526	0.00001%
Put Option	15/12/2028	Cash	520	0.00001%
Call Option	16/03/2023	Cash	520	0.00001%
Call Option	19/06/2023	Cash	520	0.00001%
Call Option	19/06/2023	Cash	520	0.00001%
Call Option	19/06/2023	Cash	520	0.00001%
Call Option	28/02/2029	Cash	517	0.00001%
Call Option	28/02/2029	Cash	517	0.00001%
Call Option	28/02/2029	Cash	517	0.00001%
Put Option	20/12/2030	Cash	516	0.00001%
Call Option	27/10/2027	Cash	516	0.00001%
Call Option	29/12/2023	Cash	507	0.00001%
Put Option	16/10/2025	Cash	506	0.00001%
Put Option	16/10/2025	Cash	506	0.00001%
Put Option	16/10/2025	Cash	506	0.00001%
Put Option	15/12/2028	Cash	505	0.00001%
Call Option	16/04/2026	Cash	505	0.00001%
Call Option	16/04/2026	Cash	505	0.00001%
Call Option	16/04/2026	Cash	505	0.00001%
Call Option	26/05/2026	Cash	504	0.00001%
Call Option	26/05/2026	Cash	504	0.00001%
Call Option	26/05/2026	Cash	504	0.00001%
Call Option	25/07/2025	Cash	503	0.00001%
Future	16/12/2022	Cash	502	0.00001%
Future	16/12/2022	Cash	502	0.00001%
Forward	17/03/2023	Cash	502	0.00001%
Call Option	26/07/2023	Cash	501	0.00001%
Call Option	26/07/2023	Cash	501	0.00001%
Call Option	26/07/2023	Cash	501	0.00001%
Call Option	25/11/2024	Cash	499	0.00001%
Call Option	25/11/2024	Cash	499	0.00001%
Call Option	25/11/2024	Cash	499	0.00001%
Call Option	21/05/2029	Cash	499	0.00001%
Call Option	25/09/2023	Cash	498	0.00001%
Call Option	25/09/2023	Cash	498	0.00001%
Call Option	25/09/2023	Cash	498	0.00001%
Call Option	28/10/2024	Cash	498	0.00001%
Call Option	28/10/2024	Cash	498	0.00001%
Call Option	28/10/2024	Cash	498	0.00001%
Put Option	20/12/2024	Cash	497	0.00001%
Call Option	20/12/2024	Cash	496	0.00001%
Call Option	20/12/2024	Cash	496	0.00001%
Call Option	22/10/2024	Cash	494	0.00001%
Call Option	22/10/2024	Cash	494	0.00001%
Call Option	22/10/2024	Cash	494	0.00001%
Call Option	24/06/2024	Cash	491	0.00001%
Call Option	22/12/2026	Cash	490	0.00001%
Call Option	27/10/2027	Cash	489	0.00001%
Call Option	27/10/2027	Cash	489	0.00001%
Call Option	27/10/2027	Cash	489	0.00001%

Call Option	22/02/2024	Cash	489	0.00001%
Call Option	22/02/2024	Cash	489	0.00001%
Future	16/12/2022	Cash	487	0.00001%
Put Option	07/08/2023	Cash	487	0.00001%
Put Option	07/08/2023	Cash	487	0.00001%
Put Option	22/07/2024	Cash	487	0.00001%
Put Option	22/07/2024	Cash	487	0.00001%
Put Option	22/07/2024	Cash	487	0.00001%
Call Option	27/03/2024	Cash	486	0.00001%
Call Option	27/03/2024	Cash	486	0.00001%
Call Option	27/03/2024	Cash	486	0.00001%
Call Option	20/01/2023	Cash	481	0.00001%
Call Option	26/10/2029	Cash	476	0.00001%
Call Option	25/06/2025	Cash	474	0.00001%
Call Option	25/06/2025	Cash	474	0.00001%
Call Option	25/06/2025	Cash	474	0.00001%
Call Option	22/12/2026	Cash	472	0.00001%
Call Option	22/12/2026	Cash	472	0.00001%
Call Option	22/12/2026	Cash	472	0.00001%
Put Option	02/07/2024	Cash	469	0.00001%
Put Option	02/07/2024	Cash	469	0.00001%
Put Option	02/07/2024	Cash	469	0.00001%
Call Option	26/10/2027	Cash	468	0.00001%
Call Option	26/10/2027	Cash	468	0.00001%
Call Option	26/10/2027	Cash	468	0.00001%
Call Option	22/02/2027	Cash	467	0.00001%
Call Option	22/02/2027	Cash	467	0.00001%
Call Option	22/02/2027	Cash	467	0.00001%
Call Option	28/05/2025	Cash	467	0.00001%
Call Option	28/05/2025	Cash	467	0.00001%
Call Option	28/05/2025	Cash	467	0.00001%
Swap	05/04/2027	Cash	466	0.00001%
Put Option	22/03/2024	Cash	462	0.00001%
Call Option	21/07/2025	Cash	462	0.00001%
Call Option	21/07/2025	Cash	462	0.00001%
Call Option	21/07/2025	Cash	462	0.00001%
Call Option	03/03/2027	Cash	459	0.00001%
Swap	19/04/2027	Cash	459	0.00001%
Forward	17/03/2023	Cash	459	0.00001%
Call Option	28/08/2028	Cash	456	0.00001%
Call Option	21/01/2027	Cash	454	0.00001%
Call Option	27/08/2029	Cash	451	0.00001%
Call Option	27/08/2029	Cash	451	0.00001%
Call Option	27/08/2029	Cash	451	0.00001%
Call Option	25/09/2024	Cash	450	0.00001%
Call Option	25/09/2024	Cash	450	0.00001%
Call Option	25/09/2024	Cash	450	0.00001%
Future	15/12/2023	Cash	450	0.00001%
Put Option	20/12/2030	Cash	449	0.00001%
Call Option	28/07/2027	Cash	449	0.00001%
Call Option	03/08/2027	Cash	447	0.00001%
Call Option	29/06/2027	Cash	444	0.00001%
Call Option	27/10/2025	Cash	441	0.00001%
Call Option	27/10/2025	Cash	441	0.00001%
Call Option	27/10/2025	Cash	441	0.00001%

Call Option	18/12/2023	Cash	441	0.00001%
Call Option	20/01/2023	Cash	440	0.00001%
Put Option	01/03/2023	Cash	439	0.00001%
Call Option	10/10/2024	Cash	439	0.00001%
Put Option	25/02/2025	Cash	438	0.00001%
Put Option	25/02/2025	Cash	438	0.00001%
Put Option	25/02/2025	Cash	438	0.00001%
Call Option	25/05/2027	Cash	425	0.00001%
Put Option	18/12/2026	Cash	425	0.00001%
Put Option	20/12/2024	Cash	425	0.00001%
Call Option	25/06/2029	Cash	423	0.00001%
Call Option	24/05/2023	Cash	418	0.00001%
Call Option	24/05/2023	Cash	418	0.00001%
Call Option	24/05/2023	Cash	418	0.00001%
Call Option	27/08/2025	Cash	417	0.00001%
Call Option	27/08/2025	Cash	417	0.00001%
Call Option	27/08/2025	Cash	417	0.00001%
Call Option	29/12/2024	Cash	415	0.00001%
Call Option	13/11/2025	Cash	414	0.00001%
Call Option	13/11/2025	Cash	414	0.00001%
Call Option	13/11/2025	Cash	414	0.00001%
Put Option	15/12/2023	Cash	414	0.00001%
Call Option	19/03/2027	Cash	413	0.00001%
Call Option	27/07/2029	Cash	413	0.00001%
Call Option	27/07/2029	Cash	413	0.00001%
Call Option	27/07/2029	Cash	413	0.00001%
Call Option	17/03/2023	Cash	412	0.00001%
Call Option	21/05/2026	Cash	412	0.00001%
Call Option	21/05/2026	Cash	412	0.00001%
Call Option	21/05/2026	Cash	412	0.00001%
Call Option	28/03/2029	Cash	409	0.00001%
Call Option	30/08/2024	Cash	405	0.00001%
Call Option	30/08/2024	Cash	405	0.00001%
Call Option	30/08/2024	Cash	405	0.00001%
Call Option	27/11/2023	Cash	405	0.00001%
Call Option	27/11/2023	Cash	405	0.00001%
Call Option	27/11/2023	Cash	405	0.00001%
Call Option	26/11/2024	Cash	405	0.00001%
Call Option	26/11/2024	Cash	405	0.00001%
Call Option	26/11/2024	Cash	405	0.00001%
Call Option	28/10/2024	Cash	404	0.00001%
Call Option	28/10/2024	Cash	404	0.00001%
Call Option	28/10/2024	Cash	404	0.00001%
Call Option	27/06/2028	Cash	403	0.00001%
Call Option	25/06/2026	Cash	402	0.00001%
Call Option	25/06/2026	Cash	402	0.00001%
Call Option	25/06/2026	Cash	402	0.00001%
Swap	06/03/2023	Cash	401	0.00001%
Call Option	22/02/2024	Cash	395	0.00001%
Call Option	30/12/2024	Cash	394	0.00001%
Call Option	30/12/2024	Cash	394	0.00001%
Call Option	30/12/2024	Cash	394	0.00001%
Call Option	31/01/2023	Cash	393	0.00001%
Call Option	31/01/2023	Cash	393	0.00001%
Call Option	27/04/2026	Cash	392	0.00001%

Call Option	27/04/2026	Cash	392	0.00001%
Call Option	27/04/2026	Cash	392	0.00001%
Swap	15/03/2023	Cash	390	0.00001%
Swap	05/04/2027	Cash	387	0.00001%
Call Option	28/04/2025	Cash	387	0.00001%
Call Option	28/04/2025	Cash	387	0.00001%
Call Option	28/04/2025	Cash	387	0.00001%
Future	16/12/2022	Cash	386	0.00001%
Call Option	23/08/2029	Cash	386	0.00001%
Call Option	23/08/2029	Cash	386	0.00001%
Call Option	23/08/2029	Cash	386	0.00001%
Call Option	28/03/2029	Cash	385	0.00001%
Call Option	27/11/2023	Cash	385	0.00001%
Call Option	27/11/2023	Cash	385	0.00001%
Call Option	27/11/2023	Cash	385	0.00001%
Call Option	26/10/2028	Cash	380	0.00001%
Put Option	07/08/2023	Cash	378	0.00001%
Put Option	07/08/2023	Cash	378	0.00001%
Call Option	25/09/2024	Cash	376	0.00001%
Call Option	25/09/2024	Cash	376	0.00001%
Call Option	25/09/2024	Cash	376	0.00001%
Call Option	26/06/2028	Cash	375	0.00001%
Call Option	28/01/2025	Cash	374	0.00001%
Call Option	28/01/2025	Cash	374	0.00001%
Call Option	28/01/2025	Cash	374	0.00001%
Swap	19/04/2027	Cash	373	0.00001%
Call Option	26/08/2030	Cash	368	0.00001%
Call Option	25/06/2029	Cash	367	0.00001%
Call Option	25/06/2029	Cash	367	0.00001%
Call Option	25/06/2029	Cash	367	0.00001%
Call Option	23/05/2024	Cash	364	0.00001%
Call Option	23/05/2024	Cash	364	0.00001%
Call Option	23/05/2024	Cash	364	0.00001%
Call Option	27/03/2023	Cash	362	0.00001%
Call Option	27/03/2023	Cash	362	0.00001%
Call Option	27/03/2023	Cash	362	0.00001%
Call Option	15/06/2027	Cash	356	0.00001%
Put Option	20/12/2030	Cash	356	0.00001%
Call Option	27/03/2024	Cash	354	0.00001%
Call Option	27/03/2024	Cash	354	0.00001%
Call Option	29/12/2023	Cash	354	0.00001%
Call Option	15/12/2023	Cash	349	0.00001%
Call Option	26/04/2029	Cash	348	0.00001%
Call Option	26/04/2029	Cash	348	0.00001%
Call Option	26/04/2029	Cash	348	0.00001%
Call Option	25/06/2027	Cash	347	0.00001%
Call Option	28/10/2024	Cash	346	0.00001%
Call Option	28/10/2024	Cash	346	0.00001%
Call Option	28/10/2024	Cash	346	0.00001%
Call Option	28/07/2027	Cash	341	0.00001%
Call Option	25/05/2028	Cash	341	0.00001%
Call Option	30/04/2024	Cash	340	0.00001%
Call Option	30/04/2024	Cash	340	0.00001%
Call Option	30/04/2024	Cash	340	0.00001%
Put Option	15/12/2023	Cash	340	0.00001%

Swap	14/03/2023	Cash	337	0.00001%
Call Option	02/01/2030	Cash	336	0.00001%
Call Option	22/06/2029	Cash	335	0.00001%
Call Option	25/02/2025	Cash	335	0.00001%
Call Option	25/02/2025	Cash	335	0.00001%
Call Option	25/02/2025	Cash	335	0.00001%
Call Option	02/10/2025	Cash	334	0.00001%
Call Option	30/09/2024	Cash	332	0.00001%
Call Option	30/09/2024	Cash	332	0.00001%
Call Option	30/09/2024	Cash	332	0.00001%
Put Option	16/12/2022	Cash	331	0.00001%
Future	16/12/2022	Cash	330	0.00001%
Call Option	28/09/2023	Cash	329	0.00001%
Call Option	28/09/2023	Cash	329	0.00001%
Call Option	28/09/2023	Cash	329	0.00001%
Call Option	27/04/2023	Cash	329	0.00001%
Call Option	27/04/2023	Cash	329	0.00001%
Call Option	27/04/2023	Cash	329	0.00001%
Call Option	20/08/2029	Cash	328	0.00001%
Call Option	31/01/2024	Cash	328	0.00001%
Call Option	28/06/2023	Cash	327	0.00001%
Call Option	31/01/2024	Cash	325	0.00001%
Call Option	30/12/2022	Cash	324	0.00001%
Call Option	30/12/2022	Cash	324	0.00001%
Call Option	30/12/2022	Cash	324	0.00001%
Call Option	17/06/2027	Cash	324	0.00001%
Call Option	30/10/2023	Cash	322	0.00001%
Call Option	30/10/2023	Cash	322	0.00001%
Call Option	30/10/2023	Cash	322	0.00001%
Put Option	26/07/2023	Cash	322	0.00001%
Put Option	26/07/2023	Cash	322	0.00001%
Put Option	26/07/2023	Cash	322	0.00001%
Call Option	24/04/2024	Cash	320	0.00001%
Call Option	24/04/2024	Cash	320	0.00001%
Call Option	24/04/2024	Cash	320	0.00001%
Call Option	27/07/2029	Cash	319	0.00001%
Call Option	26/05/2027	Cash	317	0.00001%
Call Option	23/02/2029	Cash	317	0.00001%
Call Option	22/07/2024	Cash	316	0.00001%
Call Option	23/12/2024	Cash	315	0.00001%
Call Option	23/12/2024	Cash	315	0.00001%
Call Option	23/12/2024	Cash	315	0.00001%
Call Option	31/10/2024	Cash	315	0.00001%
Call Option	31/10/2024	Cash	315	0.00001%
Call Option	31/10/2024	Cash	315	0.00001%
Put Option	16/12/2022	Cash	314	0.00001%
Call Option	17/03/2023	Cash	313	0.00001%
Call Option	27/06/2028	Cash	313	0.00001%
Call Option	27/06/2028	Cash	313	0.00001%
Call Option	27/06/2028	Cash	313	0.00001%
Call Option	17/03/2027	Cash	312	0.00001%
Call Option	17/03/2027	Cash	312	0.00001%
Call Option	17/03/2027	Cash	312	0.00001%
Call Option	19/03/2029	Cash	310	0.00001%
Call Option	23/11/2029	Cash	309	0.00001%

Future	17/03/2023	Cash	308	0.00001%
Call Option	19/06/2028	Cash	308	0.00001%
Call Option	19/06/2028	Cash	308	0.00001%
Call Option	19/06/2028	Cash	308	0.00001%
Call Option	26/01/2026	Cash	306	0.00001%
Call Option	26/01/2026	Cash	306	0.00001%
Call Option	26/01/2026	Cash	306	0.00001%
Call Option	18/12/2026	Cash	304	0.00001%
Call Option	18/12/2026	Cash	304	0.00001%
Call Option	18/12/2026	Cash	304	0.00001%
Call Option	29/12/2023	Cash	304	0.00001%
Call Option	26/10/2026	Cash	303	0.00001%
Call Option	26/10/2026	Cash	303	0.00001%
Call Option	26/10/2026	Cash	303	0.00001%
Call Option	31/01/2024	Cash	303	0.00001%
Call Option	31/01/2024	Cash	303	0.00001%
Call Option	31/01/2024	Cash	303	0.00001%
Put Option	24/09/2025	Cash	302	0.00001%
Call Option	27/12/2023	Cash	302	0.00001%
Call Option	30/09/2024	Cash	301	0.00001%
Call Option	30/09/2024	Cash	301	0.00001%
Call Option	30/09/2024	Cash	301	0.00001%
Call Option	28/03/2024	Cash	301	0.00001%
Call Option	01/10/2027	Cash	298	0.00001%
Call Option	15/12/2023	Cash	298	0.00001%
Call Option	13/08/2029	Cash	298	0.00001%
Call Option	13/08/2029	Cash	298	0.00001%
Call Option	13/08/2029	Cash	298	0.00001%
Put Option	12/06/2023	Cash	297	0.00001%
Call Option	10/11/2025	Cash	297	0.00001%
Call Option	25/05/2029	Cash	296	0.00001%
Put Option	12/06/2023	Cash	296	0.00001%
Put Option	12/06/2023	Cash	296	0.00001%
Call Option	16/06/2023	Cash	292	0.00001%
Call Option	28/02/2024	Cash	292	0.00001%
Call Option	28/02/2024	Cash	292	0.00001%
Call Option	28/02/2024	Cash	292	0.00001%
Call Option	21/05/2029	Cash	292	0.00001%
Call Option	01/09/2025	Cash	291	0.00001%
Call Option	01/09/2025	Cash	291	0.00001%
Call Option	01/09/2025	Cash	291	0.00001%
Put Option	28/03/2023	Cash	290	0.00001%
Put Option	28/03/2023	Cash	290	0.00001%
Put Option	28/03/2023	Cash	290	0.00001%
Call Option	17/09/2026	Cash	289	0.00001%
Call Option	17/09/2026	Cash	289	0.00001%
Call Option	17/09/2026	Cash	289	0.00001%
Call Option	23/04/2029	Cash	287	0.00001%
Swap	16/12/2022	Cash	287	0.00001%
Call Option	15/12/2023	Cash	286	0.00001%
Put Option	24/09/2025	Cash	285	0.00001%
Call Option	25/10/2024	Cash	284	0.00001%
Call Option	25/10/2024	Cash	284	0.00001%
Call Option	19/12/2025	Cash	284	0.00001%
Put Option	26/03/2025	Cash	283	0.00001%

Put Option	26/03/2025	Cash	283	0.00001%
Put Option	26/03/2025	Cash	283	0.00001%
Call Option	26/02/2033	Cash	282	0.00001%
Future	15/12/2023	Cash	281	0.000005%
Call Option	24/07/2028	Cash	281	0.000005%
Call Option	31/01/2023	Cash	281	0.000005%
Call Option	31/01/2023	Cash	281	0.000005%
Call Option	31/01/2023	Cash	281	0.000005%
Call Option	27/02/2023	Cash	280	0.000005%
Call Option	27/02/2023	Cash	280	0.000005%
Call Option	27/02/2023	Cash	280	0.000005%
Call Option	18/03/2024	Cash	279	0.000005%
Call Option	26/08/2024	Cash	279	0.000005%
Call Option	27/04/2027	Cash	276	0.000005%
Put Option	27/03/2023	Cash	275	0.000005%
Put Option	27/03/2023	Cash	275	0.000005%
Put Option	27/03/2023	Cash	275	0.000005%
Call Option	18/02/2027	Cash	273	0.000005%
Call Option	02/10/2023	Cash	273	0.000005%
Call Option	02/10/2023	Cash	273	0.000005%
Call Option	02/10/2023	Cash	273	0.000005%
Call Option	26/01/2023	Cash	272	0.000005%
Call Option	26/01/2023	Cash	272	0.000005%
Call Option	26/01/2023	Cash	272	0.000005%
Put Option	28/11/2023	Cash	270	0.000005%
Put Option	28/11/2023	Cash	270	0.000005%
Put Option	22/07/2024	Cash	270	0.000005%
Put Option	22/07/2024	Cash	270	0.000005%
Put Option	22/07/2024	Cash	270	0.000005%
Call Option	24/05/2030	Cash	269	0.000005%
Call Option	18/03/2027	Cash	266	0.000005%
Call Option	27/06/2025	Cash	266	0.000005%
Call Option	27/06/2025	Cash	266	0.000005%
Call Option	27/06/2025	Cash	266	0.000005%
Put Option	15/12/2028	Cash	265	0.000005%
Call Option	23/05/2029	Cash	265	0.000005%
Call Option	23/05/2029	Cash	265	0.000005%
Call Option	23/05/2029	Cash	265	0.000005%
Call Option	15/02/2027	Cash	264	0.000005%
Call Option	28/03/2029	Cash	263	0.000005%
Call Option	28/03/2029	Cash	263	0.000005%
Call Option	28/03/2029	Cash	263	0.000005%
Call Option	26/08/2030	Cash	262	0.000005%
Call Option	16/10/2028	Cash	262	0.000005%
Call Option	03/03/2027	Cash	259	0.000005%
Put Option	08/03/2023	Cash	258	0.000005%
Call Option	15/12/2023	Cash	256	0.000005%
Call Option	15/12/2023	Cash	256	0.000005%
Put Option	17/02/2023	Cash	255	0.000005%
Put Option	16/12/2022	Cash	254	0.000005%
Call Option	27/09/2029	Cash	252	0.000004%
Call Option	20/11/2023	Cash	252	0.000004%
Call Option	03/05/2028	Cash	249	0.000004%
Call Option	22/04/2027	Cash	248	0.000004%
Call Option	17/03/2023	Cash	246	0.000004%

Future	16/12/2022	Cash	244	0.000004%
Call Option	27/10/2027	Cash	243	0.000004%
Call Option	29/12/2028	Cash	242	0.000004%
Call Option	26/04/2029	Cash	242	0.000004%
Call Option	27/08/2029	Cash	240	0.000004%
Call Option	26/10/2023	Cash	240	0.000004%
Put Option	27/01/2023	Cash	239	0.000004%
Put Option	27/01/2023	Cash	239	0.000004%
Put Option	27/01/2023	Cash	239	0.000004%
Put Option	17/03/2023	Cash	237	0.000004%
Put Option	30/12/2022	Cash	232	0.000004%
Call Option	21/08/2023	Cash	227	0.000004%
Call Option	23/12/2022	Cash	226	0.000004%
Call Option	31/07/2025	Cash	226	0.000004%
Call Option	31/07/2025	Cash	226	0.000004%
Call Option	31/07/2025	Cash	226	0.000004%
Call Option	26/05/2027	Cash	224	0.000004%
Swap	09/03/2023	Cash	223	0.000004%
Call Option	23/07/2029	Cash	220	0.000004%
Call Option	28/11/2024	Cash	217	0.000004%
Call Option	26/02/2024	Cash	217	0.000004%
Call Option	26/07/2028	Cash	217	0.000004%
Call Option	29/12/2023	Cash	217	0.000004%
Swap	16/12/2022	Cash	215	0.000004%
Swap	16/12/2022	Cash	215	0.000004%
Call Option	26/03/2025	Cash	214	0.000004%
Call Option	26/03/2025	Cash	214	0.000004%
Call Option	26/03/2025	Cash	214	0.000004%
Call Option	30/06/2025	Cash	214	0.000004%
Put Option	19/05/2023	Cash	214	0.000004%
Call Option	25/05/2027	Cash	212	0.000004%
Call Option	26/06/2028	Cash	211	0.000004%
Call Option	26/06/2028	Cash	211	0.000004%
Call Option	26/06/2028	Cash	211	0.000004%
Call Option	24/02/2025	Cash	205	0.000004%
Call Option	25/07/2023	Cash	204	0.000004%
Call Option	25/07/2023	Cash	204	0.000004%
Call Option	27/04/2027	Cash	202	0.000004%
Call Option	26/03/2024	Cash	201	0.000004%
Call Option	26/03/2024	Cash	201	0.000004%
Call Option	26/03/2024	Cash	201	0.000004%
Call Option	26/02/2026	Cash	200	0.000004%
Call Option	26/02/2026	Cash	200	0.000004%
Call Option	26/02/2026	Cash	200	0.000004%
Call Option	27/09/2029	Cash	199	0.000004%
Call Option	27/09/2029	Cash	199	0.000004%
Call Option	27/09/2029	Cash	199	0.000004%
Call Option	19/04/2024	Cash	199	0.000004%
Call Option	29/12/2023	Cash	198	0.000004%
Call Option	28/06/2024	Cash	196	0.000003%
Call Option	28/06/2024	Cash	196	0.000003%
Call Option	28/06/2024	Cash	196	0.000003%
Swap	16/03/2023	Cash	195	0.000003%
Call Option	27/10/2023	Cash	195	0.000003%
Call Option	27/10/2023	Cash	195	0.000003%

Call Option	27/10/2023	Cash	195	0.000003%
Call Option	24/02/2025	Cash	193	0.000003%
Call Option	24/03/2025	Cash	192	0.000003%
Call Option	23/02/2026	Cash	192	0.000003%
Call Option	30/12/2025	Cash	190	0.000003%
Call Option	30/12/2025	Cash	190	0.000003%
Call Option	30/12/2025	Cash	190	0.000003%
Call Option	30/08/2024	Cash	188	0.000003%
Call Option	30/08/2024	Cash	188	0.000003%
Call Option	30/08/2024	Cash	188	0.000003%
Put Option	17/02/2023	Cash	185	0.000003%
Call Option	15/12/2023	Cash	184	0.000003%
Put Option	22/07/2024	Cash	182	0.000003%
Put Option	22/07/2024	Cash	182	0.000003%
Put Option	22/07/2024	Cash	182	0.000003%
Call Option	26/03/2025	Cash	182	0.000003%
Call Option	26/03/2025	Cash	182	0.000003%
Call Option	26/03/2025	Cash	182	0.000003%
Call Option	26/09/2023	Cash	182	0.000003%
Call Option	26/09/2023	Cash	182	0.000003%
Call Option	26/09/2023	Cash	182	0.000003%
Call Option	22/04/2027	Cash	182	0.000003%
Call Option	22/04/2027	Cash	182	0.000003%
Call Option	22/04/2027	Cash	182	0.000003%
Call Option	19/04/2024	Cash	180	0.000003%
Put Option	22/03/2024	Cash	178	0.000003%
Call Option	25/02/2030	Cash	178	0.000003%
Call Option	18/09/2023	Cash	177	0.000003%
Put Option	31/01/2025	Cash	174	0.000003%
Put Option	31/01/2025	Cash	174	0.000003%
Put Option	31/01/2025	Cash	174	0.000003%
Put Option	14/11/2023	Cash	173	0.000003%
Put Option	14/11/2023	Cash	173	0.000003%
Put Option	14/11/2023	Cash	173	0.000003%
Put Option	23/12/2024	Cash	169	0.000003%
Put Option	23/12/2024	Cash	169	0.000003%
Put Option	23/12/2024	Cash	169	0.000003%
Call Option	20/12/2024	Cash	168	0.000003%
Call Option	27/11/2023	Cash	164	0.000003%
Call Option	27/11/2023	Cash	164	0.000003%
Call Option	27/11/2023	Cash	164	0.000003%
Put Option	26/06/2024	Cash	161	0.000003%
Put Option	26/06/2024	Cash	161	0.000003%
Put Option	26/06/2024	Cash	161	0.000003%
Call Option	28/03/2024	Cash	160	0.000003%
Call Option	31/05/2024	Cash	160	0.000003%
Call Option	31/05/2024	Cash	160	0.000003%
Call Option	31/05/2024	Cash	160	0.000003%
Call Option	06/12/2028	Cash	160	0.000003%
Call Option	28/08/2028	Cash	159	0.000003%
Put Option	24/09/2025	Cash	156	0.000003%
Put Option	26/04/2023	Cash	154	0.000003%
Put Option	26/04/2023	Cash	154	0.000003%
Put Option	26/04/2023	Cash	154	0.000003%
Call Option	28/01/2030	Cash	154	0.000003%

Put Option	25/06/2025	Cash	152	0.000003%
Put Option	25/06/2025	Cash	152	0.000003%
Put Option	25/06/2025	Cash	152	0.000003%
Call Option	30/11/2023	Cash	152	0.000003%
Call Option	30/11/2023	Cash	152	0.000003%
Call Option	30/11/2023	Cash	152	0.000003%
Call Option	02/05/2023	Cash	151	0.000003%
Call Option	02/05/2023	Cash	151	0.000003%
Call Option	02/05/2023	Cash	151	0.000003%
Call Option	22/07/2026	Cash	151	0.000003%
Put Option	24/10/2024	Cash	149	0.000003%
Call Option	09/11/2028	Cash	148	0.000003%
Call Option	27/11/2024	Cash	145	0.000003%
Call Option	27/11/2024	Cash	145	0.000003%
Call Option	27/11/2024	Cash	145	0.000003%
Call Option	27/06/2028	Cash	144	0.000003%
Future	16/12/2022	Cash	143	0.000003%
Put Option	24/09/2025	Cash	142	0.000003%
Call Option	02/01/2024	Cash	139	0.000002%
Call Option	02/01/2024	Cash	139	0.000002%
Call Option	02/01/2024	Cash	139	0.000002%
Call Option	29/07/2024	Cash	135	0.000002%
Call Option	29/07/2024	Cash	135	0.000002%
Call Option	29/07/2024	Cash	135	0.000002%
Call Option	25/09/2025	Cash	134	0.000002%
Call Option	25/09/2025	Cash	134	0.000002%
Call Option	25/09/2025	Cash	134	0.000002%
Call Option	27/06/2025	Cash	132	0.000002%
Put Option	20/12/2024	Cash	130	0.000002%
Future	16/12/2022	Cash	129	0.000002%
Call Option	27/04/2028	Cash	127	0.000002%
Call Option	28/03/2029	Cash	124	0.000002%
Call Option	23/10/2028	Cash	124	0.000002%
Call Option	23/10/2028	Cash	124	0.000002%
Call Option	23/10/2028	Cash	124	0.000002%
Put Option	31/01/2024	Cash	124	0.000002%
Put Option	31/01/2024	Cash	124	0.000002%
Put Option	31/01/2024	Cash	124	0.000002%
Call Option	25/01/2024	Cash	123	0.000002%
Put Option	17/03/2023	Cash	121	0.000002%
Call Option	14/12/2023	Cash	120	0.000002%
Put Option	28/12/2023	Cash	117	0.000002%
Put Option	28/12/2023	Cash	117	0.000002%
Put Option	28/12/2023	Cash	117	0.000002%
Call Option	18/06/2029	Cash	116	0.000002%
Put Option	28/05/2024	Cash	116	0.000002%
Put Option	28/05/2024	Cash	116	0.000002%
Put Option	28/05/2024	Cash	116	0.000002%
Call Option	29/01/2024	Cash	115	0.000002%
Call Option	29/01/2024	Cash	115	0.000002%
Call Option	29/01/2024	Cash	115	0.000002%
Put Option	28/11/2023	Cash	115	0.000002%
Put Option	28/11/2023	Cash	115	0.000002%
Call Option	26/10/2029	Cash	114	0.000002%
Put Option	16/12/2022	Cash	111	0.000002%

Put Option	27/01/2023	Cash	111	0.000002%
Put Option	27/01/2023	Cash	111	0.000002%
Put Option	27/01/2023	Cash	111	0.000002%
Put Option	14/11/2023	Cash	110	0.000002%
Put Option	14/11/2023	Cash	110	0.000002%
Put Option	14/11/2023	Cash	110	0.000002%
Call Option	19/03/2026	Cash	110	0.000002%
Put Option	27/03/2023	Cash	110	0.000002%
Put Option	27/03/2023	Cash	110	0.000002%
Put Option	27/03/2023	Cash	110	0.000002%
Call Option	20/05/2027	Cash	110	0.000002%
Call Option	26/10/2029	Cash	109	0.000002%
Call Option	26/10/2029	Cash	109	0.000002%
Call Option	26/10/2029	Cash	109	0.000002%
Call Option	23/10/2023	Cash	109	0.000002%
Put Option	17/03/2023	Cash	108	0.000002%
Call Option	23/10/2023	Cash	108	0.000002%
Future	16/12/2022	Cash	107	0.000002%
Call Option	23/08/2023	Cash	107	0.000002%
Call Option	23/08/2023	Cash	107	0.000002%
Call Option	23/08/2023	Cash	107	0.000002%
Call Option	26/07/2024	Cash	107	0.000002%
Call Option	26/07/2024	Cash	107	0.000002%
Call Option	26/07/2024	Cash	107	0.000002%
Call Option	17/03/2023	Cash	104	0.000002%
Put Option	28/05/2024	Cash	102	0.000002%
Put Option	28/05/2024	Cash	102	0.000002%
Put Option	28/05/2024	Cash	102	0.000002%
Put Option	22/07/2024	Cash	101	0.000002%
Put Option	22/07/2024	Cash	101	0.000002%
Put Option	22/07/2024	Cash	101	0.000002%
Call Option	17/02/2023	Cash	100	0.000002%
Call Option	23/12/2022	Cash	99	0.000002%
Call Option	19/03/2029	Cash	94	0.000002%
Call Option	02/01/2030	Cash	93	0.000002%
Call Option	27/01/2023	Cash	92	0.000002%
Call Option	27/01/2023	Cash	92	0.000002%
Call Option	27/01/2023	Cash	92	0.000002%
Call Option	24/11/2025	Cash	91	0.000002%
Call Option	24/11/2025	Cash	91	0.000002%
Call Option	24/11/2025	Cash	91	0.000002%
Call Option	28/04/2025	Cash	91	0.000002%
Call Option	28/04/2025	Cash	91	0.000002%
Call Option	28/04/2025	Cash	91	0.000002%
Call Option	26/10/2023	Cash	87	0.000002%
Call Option	16/12/2022	Cash	87	0.000002%
Call Option	01/12/2025	Cash	86	0.000002%
Call Option	01/12/2025	Cash	86	0.000002%
Call Option	01/12/2025	Cash	86	0.000002%
Call Option	14/12/2023	Cash	85	0.000002%
Call Option	28/08/2024	Cash	83	0.000001%
Call Option	28/08/2024	Cash	83	0.000001%
Call Option	28/08/2024	Cash	83	0.000001%
Put Option	08/02/2023	Cash	83	0.000001%
Put Option	08/02/2023	Cash	83	0.000001%

Put Option	08/02/2023	Cash	83	0.000001%
Put Option	28/02/2024	Cash	83	0.000001%
Put Option	28/02/2024	Cash	83	0.000001%
Put Option	28/02/2024	Cash	83	0.000001%
Put Option	02/04/2024	Cash	82	0.000001%
Put Option	02/04/2024	Cash	82	0.000001%
Put Option	02/04/2024	Cash	82	0.000001%
Swap	09/03/2023	Cash	81	0.000001%
Swap	09/03/2023	Cash	81	0.000001%
Swap	16/02/2023	Cash	80	0.000001%
Call Option	28/07/2025	Cash	79	0.000001%
Call Option	28/07/2025	Cash	79	0.000001%
Call Option	28/07/2025	Cash	79	0.000001%
Call Option	16/02/2026	Cash	79	0.000001%
Call Option	31/07/2023	Cash	78	0.000001%
Call Option	31/07/2023	Cash	78	0.000001%
Call Option	31/07/2023	Cash	78	0.000001%
Put Option	25/11/2024	Cash	78	0.000001%
Put Option	25/11/2024	Cash	78	0.000001%
Put Option	25/11/2024	Cash	78	0.000001%
Put Option	21/12/2023	Cash	78	0.000001%
Put Option	21/12/2023	Cash	78	0.000001%
Put Option	21/12/2023	Cash	78	0.000001%
Call Option	26/06/2028	Cash	77	0.000001%
Call Option	26/06/2028	Cash	77	0.000001%
Call Option	26/06/2028	Cash	77	0.000001%
Swap	09/03/2023	Cash	75	0.000001%
Put Option	26/05/2025	Cash	74	0.000001%
Put Option	26/05/2025	Cash	74	0.000001%
Put Option	26/05/2025	Cash	74	0.000001%
Call Option	26/06/2024	Cash	74	0.000001%
Call Option	26/06/2024	Cash	74	0.000001%
Call Option	26/06/2024	Cash	74	0.000001%
Put Option	24/05/2023	Cash	73	0.000001%
Put Option	24/05/2023	Cash	73	0.000001%
Put Option	24/05/2023	Cash	73	0.000001%
Call Option	15/03/2027	Cash	72	0.000001%
Future	16/12/2022	Cash	72	0.000001%
Future	16/12/2022	Cash	72	0.000001%
Future	16/12/2022	Cash	72	0.000001%
Future	16/12/2022	Cash	72	0.000001%
Future	16/12/2022	Cash	72	0.000001%
Call Option	02/07/2024	Cash	70	0.000001%
Call Option	02/07/2024	Cash	70	0.000001%
Call Option	02/07/2024	Cash	70	0.000001%
Put Option	25/06/2024	Cash	70	0.000001%
Put Option	25/06/2024	Cash	70	0.000001%
Put Option	25/06/2024	Cash	70	0.000001%
Call Option	22/02/2023	Cash	69	0.000001%
Call Option	23/02/2024	Cash	69	0.000001%
Call Option	23/02/2024	Cash	69	0.000001%
Call Option	23/02/2024	Cash	69	0.000001%
Put Option	28/10/2024	Cash	69	0.000001%
Put Option	28/10/2024	Cash	69	0.000001%

Put Option	28/10/2024	Cash	69	0.000001%
Put Option	15/05/2023	Cash	68	0.000001%
Put Option	15/05/2023	Cash	68	0.000001%
Call Option	29/01/2026	Cash	67	0.000001%
Call Option	29/01/2026	Cash	67	0.000001%
Call Option	29/01/2026	Cash	67	0.000001%
Put Option	30/04/2024	Cash	66	0.000001%
Put Option	30/04/2024	Cash	66	0.000001%
Put Option	30/04/2024	Cash	66	0.000001%
Call Option	16/12/2022	Cash	65	0.000001%
Put Option	26/04/2023	Cash	65	0.000001%
Put Option	26/04/2023	Cash	65	0.000001%
Put Option	26/04/2023	Cash	65	0.000001%
Put Option	26/06/2024	Cash	65	0.000001%
Put Option	26/06/2024	Cash	65	0.000001%
Put Option	26/06/2024	Cash	65	0.000001%
Future	17/03/2023	Cash	65	0.000001%
Put Option	30/12/2022	Cash	63	0.000001%
Call Option	17/02/2023	Cash	63	0.000001%
Call Option	18/09/2028	Cash	60	0.000001%
Call Option	18/09/2028	Cash	60	0.000001%
Call Option	18/09/2028	Cash	60	0.000001%
Call Option	26/07/2028	Cash	58	0.000001%
Put Option	02/01/2023	Cash	58	0.000001%
Put Option	02/01/2023	Cash	58	0.000001%
Put Option	02/01/2023	Cash	58	0.000001%
Put Option	29/01/2024	Cash	57	0.000001%
Put Option	29/01/2024	Cash	57	0.000001%
Put Option	29/01/2024	Cash	57	0.000001%
Call Option	20/01/2023	Cash	56	0.000001%
Put Option	31/05/2023	Cash	55	0.000001%
Put Option	31/05/2023	Cash	55	0.000001%
Put Option	31/05/2023	Cash	55	0.000001%
Put Option	28/06/2024	Cash	55	0.000001%
Put Option	28/06/2024	Cash	55	0.000001%
Put Option	28/06/2024	Cash	55	0.000001%
Put Option	30/12/2024	Cash	54	0.000001%
Put Option	30/12/2024	Cash	54	0.000001%
Put Option	30/12/2024	Cash	54	0.000001%
Call Option	26/05/2025	Cash	54	0.000001%
Call Option	26/05/2025	Cash	54	0.000001%
Call Option	26/05/2025	Cash	54	0.000001%
Put Option	26/02/2024	Cash	54	0.000001%
Put Option	26/02/2024	Cash	54	0.000001%
Put Option	26/02/2024	Cash	54	0.000001%
Put Option	12/06/2023	Cash	54	0.000001%
Put Option	12/06/2023	Cash	54	0.000001%
Put Option	12/06/2023	Cash	54	0.000001%
Call Option	25/02/2030	Cash	53	0.000001%
Call Option	23/04/2029	Cash	52	0.000001%
Put Option	26/11/2024	Cash	52	0.000001%
Put Option	26/11/2024	Cash	52	0.000001%
Put Option	26/11/2024	Cash	52	0.000001%
Put Option	31/07/2024	Cash	51	0.000001%
Put Option	31/07/2024	Cash	51	0.000001%

Put Option	31/07/2024	Cash	51	0.000001%
Put Option	27/03/2023	Cash	51	0.000001%
Put Option	27/03/2023	Cash	51	0.000001%
Put Option	27/03/2023	Cash	51	0.000001%
Call Option	24/07/2028	Cash	50	0.000001%
Put Option	26/10/2023	Cash	50	0.000001%
Put Option	26/10/2023	Cash	50	0.000001%
Put Option	26/10/2023	Cash	50	0.000001%
Put Option	27/12/2022	Cash	50	0.000001%
Put Option	27/12/2022	Cash	50	0.000001%
Put Option	27/12/2022	Cash	50	0.000001%
Put Option	31/05/2024	Cash	49	0.000001%
Put Option	31/05/2024	Cash	49	0.000001%
Put Option	31/05/2024	Cash	49	0.000001%
Put Option	25/04/2024	Cash	49	0.000001%
Put Option	25/04/2024	Cash	49	0.000001%
Put Option	25/04/2024	Cash	49	0.000001%
Call Option	28/01/2030	Cash	48	0.000001%
Call Option	20/01/2023	Cash	47	0.000001%
Put Option	27/08/2024	Cash	46	0.000001%
Put Option	27/08/2024	Cash	46	0.000001%
Put Option	27/08/2024	Cash	46	0.000001%
Put Option	31/08/2023	Cash	45	0.000001%
Put Option	31/08/2023	Cash	45	0.000001%
Put Option	31/08/2023	Cash	45	0.000001%
Call Option	23/11/2023	Cash	45	0.000001%
Put Option	25/09/2024	Cash	44	0.000001%
Put Option	25/09/2024	Cash	44	0.000001%
Put Option	25/09/2024	Cash	44	0.000001%
Call Option	27/10/2028	Cash	44	0.000001%
Put Option	21/06/2023	Cash	42	0.000001%
Put Option	21/06/2023	Cash	42	0.000001%
Put Option	28/04/2025	Cash	42	0.000001%
Put Option	28/04/2025	Cash	42	0.000001%
Put Option	28/04/2025	Cash	42	0.000001%
Call Option	20/01/2023	Cash	41	0.000001%
Call Option	22/05/2023	Cash	41	0.000001%
Put Option	26/07/2023	Cash	41	0.000001%
Put Option	26/07/2023	Cash	41	0.000001%
Put Option	26/07/2023	Cash	41	0.000001%
Call Option	21/08/2028	Cash	41	0.000001%
Call Option	21/08/2028	Cash	41	0.000001%
Call Option	21/08/2028	Cash	41	0.000001%
Put Option	31/03/2025	Cash	38	0.000001%
Put Option	31/03/2025	Cash	38	0.000001%
Put Option	31/03/2025	Cash	38	0.000001%
Call Option	16/06/2023	Cash	37	0.000001%
Call Option	23/08/2024	Cash	36	0.000001%
Call Option	23/08/2024	Cash	36	0.000001%
Call Option	23/08/2024	Cash	36	0.000001%
Put Option	25/04/2023	Cash	36	0.000001%
Put Option	25/04/2023	Cash	36	0.000001%
Put Option	25/04/2023	Cash	36	0.000001%
Future	16/12/2022	Cash	36	0.000001%
Call Option	14/12/2023	Cash	36	0.000001%

Put Option	26/06/2023	Cash	35	0.000001%
Put Option	26/06/2023	Cash	35	0.000001%
Put Option	26/06/2023	Cash	35	0.000001%
Put Option	29/06/2023	Cash	35	0.000001%
Put Option	29/06/2023	Cash	35	0.000001%
Put Option	29/06/2023	Cash	35	0.000001%
Put Option	30/11/2023	Cash	34	0.000001%
Put Option	30/11/2023	Cash	34	0.000001%
Put Option	30/11/2023	Cash	34	0.000001%
Put Option	30/09/2024	Cash	34	0.000001%
Put Option	30/09/2024	Cash	34	0.000001%
Put Option	30/09/2024	Cash	34	0.000001%
Put Option	31/10/2024	Cash	34	0.000001%
Put Option	31/10/2024	Cash	34	0.000001%
Put Option	31/10/2024	Cash	34	0.000001%
Call Option	21/05/2029	Cash	34	0.000001%
Call Option	15/12/2023	Cash	32	0.000001%
Put Option	08/02/2023	Cash	31	0.000001%
Put Option	08/02/2023	Cash	31	0.000001%
Put Option	08/02/2023	Cash	31	0.000001%
Call Option	24/07/2028	Cash	30	0.000001%
Call Option	24/07/2028	Cash	30	0.000001%
Call Option	24/07/2028	Cash	30	0.000001%
Call Option	18/06/2029	Cash	30	0.000001%
Put Option	29/01/2024	Cash	29	0.000001%
Put Option	29/01/2024	Cash	29	0.000001%
Put Option	29/01/2024	Cash	29	0.000001%
Call Option	02/12/2032	Cash	29	0.000001%
Call Option	14/02/2029	Cash	29	0.000001%
Put Option	30/01/2023	Cash	27	0.0000005%
Put Option	30/01/2023	Cash	27	0.0000005%
Put Option	16/12/2022	Cash	27	0.0000005%
Put Option	16/12/2022	Cash	26	0.0000005%
Put Option	17/02/2023	Cash	26	0.0000005%
Put Option	28/08/2023	Cash	26	0.0000005%
Put Option	28/08/2023	Cash	26	0.0000005%
Put Option	28/08/2023	Cash	26	0.0000005%
Put Option	23/02/2023	Cash	26	0.0000005%
Put Option	23/02/2023	Cash	26	0.0000005%
Put Option	23/02/2023	Cash	26	0.0000005%
Put Option	28/09/2023	Cash	25	0.0000005%
Put Option	28/09/2023	Cash	25	0.0000005%
Put Option	28/09/2023	Cash	25	0.0000005%
Put Option	25/09/2023	Cash	24	0.0000004%
Put Option	25/09/2023	Cash	24	0.0000004%
Put Option	25/09/2023	Cash	24	0.0000004%
Put Option	02/01/2023	Cash	24	0.0000004%
Put Option	02/01/2023	Cash	24	0.0000004%
Put Option	02/01/2023	Cash	24	0.0000004%
Call Option	28/05/2024	Cash	23	0.0000004%
Call Option	28/05/2024	Cash	23	0.0000004%
Call Option	28/05/2024	Cash	23	0.0000004%
Call Option	01/07/2024	Cash	22	0.0000004%
Call Option	01/07/2024	Cash	22	0.0000004%
Call Option	01/07/2024	Cash	22	0.0000004%

Put Option	31/10/2023	Cash	22	0.0000004%
Put Option	31/10/2023	Cash	22	0.0000004%
Put Option	31/10/2023	Cash	22	0.0000004%
Put Option	28/04/2023	Cash	21	0.0000004%
Put Option	28/04/2023	Cash	21	0.0000004%
Put Option	28/04/2023	Cash	21	0.0000004%
Put Option	31/07/2023	Cash	21	0.0000004%
Put Option	31/07/2023	Cash	21	0.0000004%
Put Option	31/07/2023	Cash	21	0.0000004%
Call Option	23/10/2023	Cash	21	0.0000004%
Swap	07/03/2029	Cash	20	0.0000004%
Future	15/12/2023	Cash	20	0.0000003%
Call Option	26/10/2023	Cash	20	0.0000003%
Put Option	28/03/2023	Cash	19	0.0000003%
Put Option	28/03/2023	Cash	19	0.0000003%
Put Option	28/03/2023	Cash	19	0.0000003%
Call Option	29/12/2022	Cash	19	0.0000003%
Call Option	29/12/2022	Cash	19	0.0000003%
Call Option	29/12/2022	Cash	19	0.0000003%
Call Option	20/11/2023	Cash	19	0.0000003%
Call Option	26/03/2024	Cash	18	0.0000003%
Call Option	26/03/2024	Cash	18	0.0000003%
Call Option	26/03/2024	Cash	18	0.0000003%
Call Option	30/12/2022	Cash	17	0.0000003%
Call Option	30/12/2022	Cash	17	0.0000003%
Call Option	30/12/2022	Cash	17	0.0000003%
Call Option	29/04/2024	Cash	16	0.0000003%
Call Option	29/04/2024	Cash	16	0.0000003%
Call Option	29/04/2024	Cash	16	0.0000003%
Call Option	28/12/2022	Cash	15	0.0000003%
Put Option	03/04/2023	Cash	15	0.0000003%
Put Option	03/04/2023	Cash	15	0.0000003%
Put Option	03/04/2023	Cash	15	0.0000003%
Put Option	28/08/2024	Cash	15	0.0000003%
Put Option	28/08/2024	Cash	15	0.0000003%
Put Option	28/08/2024	Cash	15	0.0000003%
Future	16/12/2022	Cash	14	0.0000003%
Future	16/12/2022	Cash	14	0.0000003%
Future	16/12/2022	Cash	14	0.0000003%
Put Option	30/08/2024	Cash	14	0.0000003%
Put Option	30/08/2024	Cash	14	0.0000003%
Put Option	30/08/2024	Cash	14	0.0000003%
Future	16/12/2022	Cash	14	0.0000003%
Future	16/12/2022	Cash	14	0.0000003%
Put Option	27/11/2023	Cash	14	0.0000002%
Put Option	27/11/2023	Cash	14	0.0000002%
Put Option	27/11/2023	Cash	14	0.0000002%
Call Option	23/11/2023	Cash	13	0.0000002%
Call Option	22/12/2022	Cash	13	0.0000002%
Put Option	29/01/2024	Cash	12	0.0000002%
Put Option	29/01/2024	Cash	12	0.0000002%
Put Option	29/01/2024	Cash	12	0.0000002%
Put Option	26/07/2024	Cash	12	0.0000002%
Put Option	26/07/2024	Cash	12	0.0000002%
Put Option	26/07/2024	Cash	12	0.0000002%

Put Option	26/03/2024	Cash	11	0.0000002%
Put Option	26/03/2024	Cash	11	0.0000002%
Put Option	26/03/2024	Cash	11	0.0000002%
Put Option	28/04/2025	Cash	10	0.0000002%
Put Option	28/04/2025	Cash	10	0.0000002%
Put Option	28/04/2025	Cash	10	0.0000002%
Put Option	29/12/2022	Cash	10	0.0000002%
Put Option	29/12/2022	Cash	10	0.0000002%
Call Option	06/08/2024	Cash	10	0.0000002%
Call Option	06/08/2024	Cash	10	0.0000002%
Call Option	06/08/2024	Cash	10	0.0000002%
Call Option	20/01/2023	Cash	9	0.0000002%
Call Option	03/04/2023	Cash	9	0.0000002%
Call Option	03/04/2023	Cash	9	0.0000002%
Call Option	03/04/2023	Cash	9	0.0000002%
Put Option	28/08/2024	Cash	9	0.0000002%
Put Option	28/08/2024	Cash	9	0.0000002%
Put Option	28/08/2024	Cash	9	0.0000002%
Call Option	15/12/2028	Cash	8	0.0000001%
Put Option	27/03/2023	Cash	8	0.0000001%
Put Option	27/03/2023	Cash	8	0.0000001%
Put Option	27/03/2023	Cash	8	0.0000001%
Put Option	27/03/2023	Cash	8	0.0000001%
Put Option	28/02/2023	Cash	7	0.0000001%
Put Option	28/02/2023	Cash	7	0.0000001%
Put Option	28/02/2023	Cash	7	0.0000001%
Call Option	28/08/2024	Cash	7	0.0000001%
Call Option	28/08/2024	Cash	7	0.0000001%
Call Option	28/08/2024	Cash	7	0.0000001%
Call Option	20/11/2023	Cash	7	0.0000001%
Put Option	31/01/2023	Cash	6	0.0000001%
Put Option	31/01/2023	Cash	6	0.0000001%
Put Option	30/01/2023	Cash	6	0.0000001%
Put Option	30/01/2023	Cash	6	0.0000001%
Call Option	25/10/2024	Cash	6	0.0000001%
Call Option	29/01/2024	Cash	5	0.0000001%
Call Option	29/01/2024	Cash	5	0.0000001%
Call Option	29/01/2024	Cash	5	0.0000001%
Call Option	27/12/2023	Cash	5	0.0000001%
Call Option	17/03/2023	Cash	5	0.0000001%
Put Option	29/01/2024	Cash	4	0.0000001%
Put Option	29/01/2024	Cash	4	0.0000001%
Put Option	29/01/2024	Cash	4	0.0000001%
Put Option	20/01/2023	Cash	4	0.0000001%
Call Option	25/07/2023	Cash	3	0.0000001%
Call Option	21/06/2023	Cash	3	0.0000001%
Call Option	21/06/2023	Cash	3	0.0000001%
Swap	07/03/2029	Cash	3	0.0000001%
Call Option	25/07/2024	Cash	3	0.0000001%
Call Option	25/09/2024	Cash	3	0.00000005%
Swap	02/03/2023	Cash	2	0.00000004%
Put Option	29/12/2022	Cash	1	0.00000002%
Put Option	29/12/2022	Cash	1	0.00000002%
Call Option	26/08/2024	Cash	1	0.00000002%
Call Option	28/11/2023	Cash	1	0.00000002%
Call Option	28/11/2023	Cash	1	0.00000002%

Call Option	28/11/2024	Cash	1	0.00000002%
Swap	16/03/2023	Cash	1	0.00000002%
Swap	16/03/2023	Cash	1	0.00000002%
Call Option	22/02/2024	Cash	1	0.00000002%
Call Option	24/05/2024	Cash	1	0.00000002%
Call Option	26/06/2024	Cash	1	0.00000002%
Call Option	24/07/2023	Cash	1	0.00000001%
Call Option	31/01/2024	Cash	1	0.00000001%
Call Option	31/01/2024	Cash	1	0.00000001%
Call Option	17/03/2023	Cash	1	0.00000001%
Call Option	17/03/2023	Cash	1	0.00000001%
Put Option	28/12/2022	Cash	1	0.00000001%
Put Option	28/12/2022	Cash	1	0.00000001%
Total Number of voting rights and percentage of voting rights			<u>214,387,984</u>	3.81%

Additional information: Please note, total amount of voting rights have been rounded to 2 decimal places therefore there is a possibility of a rounding error.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant, Nokia Corporation, has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Date: December 20, 2022

Nokia Corporation

By: /s/ Esa Niinimäki

Name: Esa Niinimäki

Title: Interim Chief Legal Officer; Corporate
