
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 8, 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:

- Stock Exchange Release: Notification under Chapter 9, Section 10 of the Finnish Securities Market Act: holdings of The Goldman Sachs Group, Inc. in Nokia Corporation exceeded 5%
 - Annex: Annexure
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8 December 2022

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

Nokia Corporation
Stock Exchange Release
8 December 2022 at 20:00 EET

Notification under Chapter 9, Section 10 of the Finnish Securities Market Act: holdings of The Goldman Sachs Group, Inc. in Nokia Corporation exceeded 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 2 December 2022 exceeded 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 2 December 2022, directly and through its controlled undertakings and funds was equivalent to a total of 293,966,891 shares, corresponding to approximately 5.22% of the total number of shares and voting rights of Nokia. The share stock of Nokia consists 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	0.20%	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

8 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)		6,870,917		0.12%
Nokia ADR (US6549022043)		4,264,295		0.08%
Total of A		11,135,212		0.20%

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				282,831,679	5.02%

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.			



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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



STOCK
EXCHANGE
RELEASE

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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.

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

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.

Inquiries:

Nokia
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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	7,415,829	0.13%
Future	12/16/2022		Cash	30,933,460	0.54%
Future	12/16/2022		Cash	16,320,747	0.29%
Call Option	12/16/2022		Cash	3,197,105	0.06%
Future	12/16/2022		Cash	2,600,266	0.05%
Future	12/18/2025		Cash	2,397,685	0.04%
Future	12/14/2023		Cash	2,213,757	0.04%
Future	12/14/2023		Cash	2,116,521	0.04%
Put Option	12/15/2023		Physical	2,000,000	0.04%
Call Option	12/16/2022		Cash	1,946,560	0.03%
Call Option	12/15/2023		Cash	1,889,797	0.03%
Call Option	12/16/2022		Cash	1,874,431	0.03%
Future	12/15/2022		Cash	1,683,658	0.03%
Future	12/16/2022		Cash	1,607,009	0.03%
Future	3/17/2023		Cash	1,584,538	0.03%
Put Option	12/16/2022		Physical	1,500,000	0.03%
Put Option	12/20/2024		Physical	1,500,000	0.03%
Swap	11/22/2032		Cash	1,499,391	0.03%
Call Option	12/16/2022		Cash	1,486,269	0.03%
Future	12/15/2022		Cash	1,432,900	0.03%
Future	6/16/2023		Cash	1,431,249	0.03%
Call Option	12/16/2022		Cash	1,337,913	0.02%
Call Option	12/16/2022		Cash	1,332,656	0.02%
Future	12/14/2023		Cash	1,323,675	0.02%
Call Option	12/16/2022		Cash	1,228,407	0.02%
Call Option	12/16/2022		Cash	1,199,579	0.02%
Future	12/16/2022		Cash	1,136,065	0.02%
Future	12/19/2024		Cash	1,122,192	0.02%
Put Option	12/15/2023		Physical	1,100,000	0.02%
Call Option	12/15/2023		Cash	1,085,520	0.02%
Future	3/17/2023		Cash	1,072,889	0.02%
Call Option	3/17/2023		Cash	1,062,809	0.02%
Call Option	12/16/2022		Cash	1,017,176	0.02%
Put Option	12/16/2022		Physical	1,000,000	0.02%
Call Option	12/15/2023		Cash	988,904	0.02%
Future	12/16/2027		Cash	930,429	0.02%
Call Option	12/16/2022		Cash	929,618	0.02%
Call Option	12/16/2022		Cash	917,522	0.02%
Put Option	3/17/2023		Cash	886,974	0.02%
Future	12/18/2025		Cash	855,648	0.02%
Swap	11/3/2025		Cash	849,638	0.01%
Call Option	12/16/2022		Cash	848,343	0.01%
Call Option	12/16/2022		Cash	848,240	0.01%
Swap	11/8/2032		Cash	847,550	0.01%
Future	12/16/2022		Cash	824,321	0.01%
Call Option	1/20/2023		Cash	753,677	0.01%
Future	12/20/2029		Cash	739,912	0.01%
Call Option	6/16/2023		Cash	716,478	0.01%
Call Option	12/16/2022		Cash	714,833	0.01%
Call Option	12/16/2022		Cash	713,788	0.01%
Put Option	12/16/2022		Cash	708,905	0.01%
Call Option	3/17/2023		Cash	705,248	0.01%
Swap	11/3/2025		Cash	699,702	0.01%
Call Option	12/15/2023		Cash	666,992	0.01%
Call Option	12/20/2024		Cash	648,286	0.01%
Put Option	12/16/2022		Cash	644,819	0.01%
Call Option	12/16/2022		Cash	644,104	0.01%
Put Option	12/16/2022		Cash	643,780	0.01%
Call Option	12/16/2022		Cash	643,215	0.01%
Put Option	12/16/2022		Cash	623,484	0.01%
Future	12/16/2022		Cash	616,162	0.01%
Put Option	12/16/2022		Cash	609,013	0.01%
Call Option	6/16/2023		Cash	598,576	0.01%
Future	3/17/2023		Cash	585,409	0.01%
Put Option	12/15/2023		Cash	575,190	0.01%

Future	12/19/2024	Cash	573,015	0.01%
Call Option	12/16/2022	Cash	572,010	0.01%
Call Option	6/16/2023	Cash	570,347	0.01%
Call Option	12/15/2023	Cash	568,281	0.01%
Call Option	12/15/2023	Cash	556,899	0.01%
Put Option	6/16/2023	Cash	542,120	0.01%
Call Option	3/17/2023	Cash	538,829	0.01%
Future	12/15/2022	Cash	536,048	0.01%
Call Option	12/16/2022	Cash	535,331	0.01%
Call Option	12/15/2023	Cash	533,178	0.01%
Call Option	3/17/2023	Cash	531,309	0.01%
Future	12/15/2022	Cash	518,366	0.01%
Call Option	3/17/2023	Cash	517,351	0.01%
Swap	2/23/2023	Cash	503,173	0.01%
Future	12/19/2024	Cash	501,388	0.01%
Call Option	12/16/2022	Cash	501,378	0.01%
Call Option	12/15/2023	Cash	500,352	0.01%
Future	12/16/2022	Cash	495,022	0.01%
Future	12/17/2026	Cash	485,830	0.01%
Future	12/16/2022	Cash	483,840	0.01%
Call Option	12/16/2022	Cash	477,862	0.01%

Put Option	12/16/2022	Cash	467,769	0.01%
Call Option	12/15/2023	Cash	462,157	0.01%
Put Option	12/15/2023	Cash	458,525	0.01%
Call Option	12/16/2022	Cash	454,427	0.01%
Call Option	12/16/2022	Cash	450,750	0.01%
Call Option	12/15/2023	Cash	446,948	0.01%
Swap	10/25/2032	Cash	446,163	0.01%
Call Option	12/16/2022	Cash	443,195	0.01%
Put Option	12/16/2022	Cash	429,812	0.01%
Put Option	12/16/2022	Cash	429,228	0.01%
Call Option	12/16/2022	Cash	428,070	0.01%
Call Option	12/16/2022	Cash	427,776	0.01%
Call Option	12/16/2022	Cash	425,861	0.01%
Swap	11/22/2032	Cash	422,144	0.01%
Call Option	12/20/2024	Cash	419,281	0.01%
Call Option	12/16/2022	Cash	415,072	0.01%
Forward	12/16/2022	Cash	411,818	0.01%
Call Option	12/15/2023	Cash	410,547	0.01%
Call Option	12/20/2024	Cash	403,232	0.01%
Future	12/14/2028	Cash	402,977	0.01%
Future	12/19/2024	Cash	401,397	0.01%
Put Option	12/16/2022	Physical	400,000	0.01%
Put Option	12/20/2024	Physical	400,000	0.01%
Future	12/16/2022	Cash	396,341	0.01%
Swap	11/22/2032	Cash	392,157	0.01%
Put Option	12/15/2023	Cash	391,586	0.01%
Future	3/17/2023	Cash	385,232	0.01%
Call Option	12/15/2023	Cash	383,782	0.01%
Future	12/16/2022	Cash	380,263	0.01%
Put Option	12/16/2022	Cash	376,045	0.01%
Call Option	12/15/2023	Cash	369,888	0.01%
Call Option	12/16/2022	Cash	369,600	0.01%
Call Option	12/15/2023	Cash	368,079	0.01%
Future	12/16/2022	Cash	367,822	0.01%
Future	12/16/2022	Cash	358,851	0.01%
Future	12/14/2023	Cash	357,750	0.01%
Call Option	12/16/2022	Cash	355,938	0.01%
Call Option	12/16/2022	Cash	355,861	0.01%
Future	12/16/2022	Cash	352,630	0.01%
Put Option	12/16/2022	Cash	350,815	0.01%
Put Option	1/20/2023	Cash	348,725	0.01%
Call Option	12/20/2024	Cash	348,017	0.01%
Call Option	12/16/2022	Cash	347,709	0.01%
Call Option	3/17/2023	Cash	347,579	0.01%
Call Option	12/20/2024	Cash	337,038	0.01%
Call Option	12/20/2024	Cash	336,473	0.01%
Call Option	12/15/2023	Cash	333,999	0.01%
Call Option	12/16/2022	Cash	333,811	0.01%
Call Option	12/20/2024	Cash	327,749	0.01%
Put Option	12/15/2023	Cash	325,272	0.01%
Call Option	12/16/2022	Cash	320,275	0.01%
Call Option	12/16/2022	Cash	319,966	0.01%
Call Option	3/17/2023	Cash	315,843	0.01%
Call Option	12/15/2023	Cash	314,575	0.01%
Forward	12/16/2022	Cash	310,912	0.01%
Put Option	12/15/2023	Cash	306,510	0.01%
Call Option	12/20/2024	Cash	304,299	0.01%
Call Option	12/20/2024	Cash	304,077	0.01%
Call Option	12/16/2022	Cash	303,745	0.01%
Call Option	12/16/2022	Cash	303,745	0.01%
Call Option	12/16/2022	Physical	300,000	0.01%
Call Option	12/16/2022	Cash	299,348	0.01%
Put Option	3/17/2023	Cash	297,741	0.01%
Call Option	12/16/2022	Cash	295,394	0.01%
Call Option	12/15/2023	Cash	293,073	0.01%
Call Option	3/17/2023	Cash	292,302	0.01%
Put Option	12/16/2022	Cash	287,267	0.01%
Put Option	12/16/2022	Cash	286,586	0.01%
Call Option	12/16/2022	Cash	284,689	0.005%
Call Option	12/15/2023	Cash	284,132	0.005%
Call Option	12/15/2023	Cash	283,883	0.005%
Put Option	12/16/2022	Cash	281,513	0.005%
Call Option	12/20/2024	Cash	279,515	0.005%

Call Option	12/16/2022	Cash	277,262	0.005%
Put Option	12/20/2024	Cash	276,075	0.005%
Call Option	12/20/2024	Cash	275,812	0.005%
Call Option	12/16/2022	Cash	274,126	0.005%
Call Option	12/16/2022	Cash	272,270	0.005%
Call Option	12/19/2025	Cash	270,238	0.005%
Call Option	12/20/2024	Cash	269,025	0.005%
Call Option	12/16/2022	Cash	267,924	0.005%
Call Option	12/16/2022	Cash	266,896	0.005%
Call Option	12/15/2023	Cash	266,589	0.005%
Call Option	12/20/2024	Cash	266,079	0.005%
Call Option	12/20/2024	Cash	265,950	0.005%
Put Option	12/16/2022	Cash	265,039	0.005%
Call Option	12/15/2023	Cash	265,012	0.005%
Swap	2/17/2023	Cash	264,743	0.005%
Call Option	12/15/2023	Cash	261,999	0.005%
Call Option	12/16/2022	Cash	260,632	0.005%
Put Option	12/16/2022	Cash	260,090	0.005%

Call Option	12/16/2022	Cash	260,025	0.005%
Call Option	12/16/2022	Cash	256,558	0.005%
Call Option	3/17/2023	Cash	256,112	0.004%
Forward	12/16/2022	Cash	254,534	0.004%
Call Option	12/20/2024	Cash	254,008	0.004%
Future	12/17/2026	Cash	252,687	0.004%
Call Option	6/21/2024	Cash	251,981	0.004%
Call Option	12/16/2022	Cash	250,929	0.004%
Future	12/16/2022	Cash	250,880	0.004%
Call Option	6/16/2023	Cash	250,873	0.004%
Put Option	12/15/2023	Physical	250,000	0.004%
Put Option	12/16/2022	Cash	249,394	0.004%
Call Option	12/19/2031	Cash	249,264	0.004%
Forward	12/16/2022	Cash	246,708	0.004%
Call Option	12/16/2022	Cash	245,474	0.004%
Call Option	12/16/2022	Cash	245,474	0.004%
Call Option	12/15/2023	Cash	244,501	0.004%
Put Option	12/15/2023	Cash	242,073	0.004%
Call Option	1/20/2023	Cash	242,008	0.004%
Call Option	12/15/2023	Cash	238,432	0.004%
Call Option	12/18/2026	Cash	237,081	0.004%
Call Option	12/20/2024	Cash	236,515	0.004%
Call Option	12/15/2028	Cash	228,337	0.004%
Call Option	12/16/2022	Cash	228,153	0.004%
Call Option	6/16/2023	Cash	225,409	0.004%
Put Option	12/20/2024	Cash	224,899	0.004%
Forward	12/7/2022	Cash	224,623	0.004%
Future	12/19/2030	Cash	224,499	0.004%
Call Option	6/16/2023	Cash	223,331	0.004%
Call Option	12/16/2022	Cash	222,321	0.004%
Put Option	12/15/2023	Cash	222,143	0.004%
Call Option	12/20/2024	Cash	220,985	0.004%
Future	12/14/2028	Cash	219,806	0.004%
Future	12/14/2028	Cash	219,806	0.004%
Put Option	6/16/2023	Cash	219,167	0.004%
Call Option	12/16/2022	Cash	216,995	0.004%
Future	12/17/2026	Cash	216,589	0.004%
Call Option	12/15/2023	Cash	216,556	0.004%
Future	12/18/2025	Cash	215,555	0.004%
Call Option	12/19/2025	Cash	215,380	0.004%
Future	12/16/2022	Cash	215,040	0.004%
Future	12/16/2022	Cash	215,040	0.004%
Call Option	12/15/2023	Cash	215,011	0.004%
Call Option	12/16/2022	Cash	214,940	0.004%
Put Option	12/16/2022	Cash	214,868	0.004%
Call Option	12/19/2025	Cash	214,665	0.004%
Future	12/14/2023	Cash	214,650	0.004%
Put Option	12/16/2022	Cash	214,287	0.004%
Put Option	6/16/2023	Cash	213,951	0.004%
Swap	10/26/2023	Cash	213,573	0.004%
Call Option	12/16/2022	Cash	213,517	0.004%
Call Option	12/16/2022	Cash	213,517	0.004%
Call Option	12/16/2022	Cash	213,517	0.004%
Put Option	12/15/2023	Cash	212,713	0.004%
Future	12/16/2022	Cash	212,019	0.004%
Call Option	12/15/2023	Cash	211,325	0.004%
Call Option	12/19/2025	Cash	211,184	0.004%
Put Option	12/16/2022	Cash	209,861	0.004%
Call Option	12/19/2025	Cash	209,692	0.004%
Call Option	12/16/2022	Cash	208,707	0.004%
Future	12/16/2022	Cash	207,191	0.004%
Call Option	12/15/2023	Cash	205,440	0.004%
Call Option	12/16/2022	Cash	204,535	0.004%
Call Option	12/16/2022	Cash	201,264	0.004%
Future	12/16/2022	Cash	200,883	0.004%
Call Option	12/18/2026	Cash	198,994	0.003%
Call Option	12/18/2026	Cash	198,994	0.003%
Call Option	12/20/2024	Cash	198,835	0.003%
Call Option	12/16/2022	Cash	198,044	0.003%
Call Option	12/16/2022	Cash	197,572	0.003%
Call Option	12/15/2023	Cash	197,157	0.003%
Call Option	12/16/2022	Cash	196,787	0.003%
Call Option	12/16/2022	Cash	196,010	0.003%

Forward	12/16/2022	Cash	195,380	0.003%
Call Option	6/16/2023	Cash	195,150	0.003%
Call Option	12/16/2022	Cash	195,134	0.003%
Call Option	12/16/2022	Cash	193,960	0.003%
Call Option	9/15/2023	Cash	192,359	0.003%
Put Option	12/20/2024	Cash	192,038	0.003%
Call Option	12/15/2023	Cash	190,259	0.003%
Swap	11/3/2025	Cash	189,919	0.003%
Put Option	12/20/2024	Cash	189,141	0.003%
Future	12/16/2027	Cash	188,993	0.003%
Call Option	12/15/2023	Cash	188,742	0.003%
Call Option	12/16/2022	Cash	187,629	0.003%
Call Option	12/16/2022	Cash	187,302	0.003%
Call Option	9/15/2023	Cash	186,474	0.003%
Call Option	12/16/2022	Cash	186,320	0.003%
Call Option	12/20/2024	Cash	185,092	0.003%
Call Option	12/15/2023	Cash	184,944	0.003%
Call Option	12/16/2022	Cash	183,144	0.003%

Call Option	12/19/2025	Cash	183,116	0.003%
Call Option	12/19/2025	Cash	182,014	0.003%
Call Option	12/20/2024	Cash	181,348	0.003%
Call Option	12/19/2025	Cash	178,926	0.003%
Call Option	12/16/2022	Cash	178,783	0.003%
Put Option	12/15/2023	Cash	178,542	0.003%
Call Option	12/16/2022	Cash	178,447	0.003%
Call Option	12/16/2022	Cash	178,447	0.003%
Swap	10/21/2032	Cash	178,248	0.003%
Put Option	12/16/2022	Cash	178,179	0.003%
Call Option	12/20/2024	Cash	177,386	0.003%
Put Option	3/17/2023	Cash	177,250	0.003%
Call Option	12/20/2024	Cash	177,039	0.003%
Call Option	12/16/2022	Cash	176,971	0.003%
Put Option	6/16/2023	Cash	176,519	0.003%
Call Option	12/16/2022	Cash	176,357	0.003%
Call Option	12/20/2024	Cash	175,741	0.003%
Forward	12/5/2022	Cash	175,468	0.003%
Put Option	12/20/2024	Cash	175,259	0.003%
Call Option	12/16/2022	Cash	173,922	0.003%
Call Option	12/16/2022	Cash	173,755	0.003%
Call Option	12/16/2022	Cash	172,665	0.003%
Call Option	12/20/2024	Cash	172,064	0.003%
Call Option	12/15/2023	Cash	171,220	0.003%
Call Option	12/16/2022	Cash	170,952	0.003%
Call Option	12/16/2022	Cash	170,528	0.003%
Call Option	12/15/2023	Cash	170,484	0.003%
Call Option	3/17/2023	Cash	170,155	0.003%
Put Option	12/16/2022	Physical	169,869	0.003%
Put Option	12/15/2023	Cash	169,355	0.003%
Call Warrant	12/16/2022	cash	168,999	0.003%
Call Option	6/12/2023	Cash	168,684	0.003%
Call Option	12/16/2022	Cash	168,245	0.003%
Call Warrant	12/16/2022	cash	168,000	0.003%
Call Option	12/16/2022	Cash	167,880	0.003%
Call Option	12/16/2022	Cash	167,157	0.003%
Call Option	12/15/2023	Cash	166,966	0.003%
Call Option	12/16/2022	Cash	166,616	0.003%
Call Option	12/16/2022	Cash	166,321	0.003%
Call Option	6/16/2023	Cash	165,321	0.003%
Call Option	12/17/2027	Cash	165,276	0.003%
Call Option	6/16/2023	Cash	165,100	0.003%
Put Option	12/16/2022	Cash	164,732	0.003%
Forward	12/16/2022	Cash	164,529	0.003%
Call Option	12/16/2022	Cash	164,482	0.003%
Call Option	12/15/2028	Cash	163,786	0.003%
Call Option	12/20/2024	Cash	163,758	0.003%
Call Option	6/16/2023	Cash	163,675	0.003%
Call Option	12/16/2022	Cash	163,590	0.003%
Call Option	12/17/2027	Cash	163,285	0.003%
Put Option	12/15/2023	Cash	162,827	0.003%
Call Option	12/15/2023	Cash	162,773	0.003%
Put Option	12/16/2022	Cash	162,355	0.003%
Call Option	12/16/2022	Cash	161,683	0.003%
Put Option	3/17/2023	Cash	161,010	0.003%
Call Option	12/15/2023	Cash	160,844	0.003%
Call Option	12/20/2024	Cash	160,426	0.003%
Call Option	12/20/2024	Cash	160,190	0.003%
Call Option	12/15/2023	Cash	158,962	0.003%
Put Option	12/16/2022	Cash	158,759	0.003%
Put Option	12/15/2023	Cash	156,528	0.003%
Call Option	12/20/2024	Cash	156,301	0.003%
Put Option	12/20/2024	Cash	155,890	0.003%
Call Option	6/21/2024	Cash	155,690	0.003%
Call Option	12/16/2022	Cash	155,525	0.003%
Put Option	12/16/2022	Cash	155,099	0.003%
Put Option	1/20/2023	Cash	154,728	0.003%
Call Option	2/17/2023	Cash	154,426	0.003%
Put Option	12/15/2023	Cash	154,134	0.003%
Forward	12/16/2022	Cash	153,541	0.003%
Call Option	12/16/2022	Cash	152,587	0.003%
Call Option	1/20/2023	Cash	151,890	0.003%
Swap	10/21/2032	Cash	151,738	0.003%

Call Option	6/16/2023	Cash	151,409	0.003%
Call Option	9/15/2023	Cash	151,321	0.003%
Call Option	12/17/2027	Cash	151,160	0.003%
Call Option	12/15/2023	Cash	150,772	0.003%
Put Option	12/20/2024	Cash	150,767	0.003%
Call Option	12/20/2024	Cash	150,443	0.003%
Call Option	12/16/2022	Cash	150,240	0.003%
Call Option	12/21/2029	Cash	150,021	0.003%
Future	12/19/2030	Cash	149,666	0.003%
Call Option	12/16/2022	Cash	149,394	0.003%
Forward	12/16/2022	Cash	149,194	0.003%
Put Option	12/16/2022	Cash	149,119	0.003%
Call Option	12/20/2024	Cash	148,625	0.003%
Call Option	12/20/2024	Cash	148,368	0.003%
Put Option	12/20/2024	Cash	148,288	0.003%
Future	12/20/2029	Cash	147,982	0.003%
Call Option	11/18/2025	Cash	147,235	0.003%
Call Option	12/17/2027	Cash	146,866	0.003%

Put Option	12/16/2022	Cash	146,708	0.003%
Put Option	12/15/2023	Cash	146,577	0.003%
Future	12/14/2028	Cash	146,520	0.003%
Call Option	6/16/2023	Cash	146,190	0.003%
Future	12/16/2027	Cash	145,379	0.003%
Future	12/16/2027	Cash	145,379	0.003%
Call Option	10/28/2024	Cash	145,177	0.003%
Put Option	3/17/2023	Cash	145,149	0.003%
Put Option	12/15/2023	Cash	144,969	0.003%
Put Option	12/19/2025	Cash	144,884	0.003%
Put Option	12/20/2024	Cash	144,710	0.003%
Put Option	12/20/2024	Cash	144,359	0.003%
Call Option	12/16/2022	Cash	143,921	0.003%
Put Option	12/16/2022	Cash	143,772	0.003%
Future	12/18/2025	Cash	143,703	0.003%
Future	12/18/2025	Cash	143,703	0.003%
Put Option	12/16/2022	Cash	143,679	0.003%
Future	12/16/2022	Cash	143,360	0.003%
Future	12/16/2022	Cash	143,360	0.003%
Put Option	12/16/2022	Cash	143,293	0.003%
Call Option	12/16/2022	Cash	143,293	0.003%
Future	12/19/2024	Cash	143,254	0.003%
Swap	12/16/2022	Cash	143,251	0.003%
Put Option	10/28/2027	Cash	143,240	0.003%
Call Option	12/16/2022	Cash	143,228	0.003%
Call Option	12/16/2022	Cash	143,081	0.003%
Call Option	12/16/2022	Cash	143,055	0.003%
Call Option	12/16/2022	Cash	143,021	0.003%
Swap	3/3/2023	Cash	142,955	0.003%
Call Option	12/16/2022	Cash	142,937	0.003%
Call Option	12/16/2022	Cash	142,913	0.003%
Call Option	12/16/2022	Cash	142,784	0.003%
Call Option	12/16/2022	Cash	142,592	0.003%
Call Option	12/20/2024	Cash	142,569	0.003%
Call Option	12/16/2022	Cash	142,493	0.003%
Swap	10/26/2023	Cash	142,382	0.002%
Put Option	12/20/2024	Cash	142,209	0.002%
Call Option	12/16/2022	Cash	141,954	0.002%
Call Option	12/16/2022	Cash	141,926	0.002%
Call Option	12/18/2026	Cash	141,833	0.002%
Call Option	12/16/2022	Cash	141,742	0.002%
Call Option	12/19/2025	Cash	141,157	0.002%
Put Option	12/16/2022	Cash	141,077	0.002%
Call Option	12/15/2023	Cash	139,743	0.002%
Call Option	12/16/2022	Cash	139,190	0.002%
Call Option	3/17/2023	Cash	139,006	0.002%
Call Option	12/20/2024	Cash	138,505	0.002%
Put Option	12/15/2023	Cash	138,108	0.002%
Call Option	12/20/2024	Cash	137,503	0.002%
Call Option	3/17/2023	Cash	137,285	0.002%
Call Option	12/17/2027	Cash	137,280	0.002%
Call Option	1/20/2023	Cash	136,519	0.002%
Future	12/16/2022	Cash	136,192	0.002%
Call Option	12/16/2022	Cash	135,886	0.002%
Put Option	12/16/2022	Cash	135,786	0.002%
Call Option	12/19/2025	Cash	135,559	0.002%
Call Option	12/20/2024	Cash	135,111	0.002%
Call Option	11/25/2026	Cash	134,780	0.002%
Future	12/16/2022	Cash	134,641	0.002%
Call Option	12/20/2024	Cash	134,338	0.002%
Call Option	12/16/2022	Cash	134,186	0.002%
Call Option	3/31/2027	Cash	133,541	0.002%
Call Option	3/31/2027	Cash	133,541	0.002%
Call Option	3/31/2027	Cash	133,541	0.002%
Call Warrant	12/31/2030	cash	132,337	0.002%
Forward	12/16/2022	Cash	132,295	0.002%
Put Option	12/19/2025	Cash	131,395	0.002%
Put Option	12/19/2025	Cash	131,395	0.002%
Put Option	12/19/2025	Cash	131,072	0.002%
Put Option	12/16/2022	Cash	131,001	0.002%
Future	12/19/2030	Cash	130,958	0.002%
Call Option	12/20/2024	Cash	130,087	0.002%
Future	12/16/2022	Cash	129,024	0.002%

Call Option	12/16/2022	Cash	128,505	0.002%
Call Option	12/15/2023	Cash	127,963	0.002%
Forward	12/20/2024	Cash	127,711	0.002%
Future	12/16/2022	Cash	127,232	0.002%
Call Option	12/16/2022	Cash	127,191	0.002%
Put Option	9/15/2023	Cash	126,705	0.002%
Call Option	12/15/2023	Cash	126,377	0.002%
Call Option	12/18/2026	Cash	126,354	0.002%
Put Option	12/19/2025	Cash	125,859	0.002%
Call Option	12/15/2023	Cash	125,842	0.002%
Call Option	12/16/2022	Cash	125,741	0.002%
Call Option	12/16/2022	Cash	125,376	0.002%
Call Option	12/20/2024	Cash	125,013	0.002%
Call Option	12/16/2022	Cash	124,491	0.002%
Call Option	12/15/2023	Cash	123,196	0.002%
Put Option	12/16/2022	Cash	123,177	0.002%
Call Option	12/16/2022	Cash	123,145	0.002%
Put Option	12/16/2022	Cash	122,997	0.002%

Put Option	12/19/2031	Cash	122,800	0.002%
Call Option	12/19/2025	Cash	121,791	0.002%
Swap	9/22/2032	Cash	121,559	0.002%
Call Option	12/19/2025	Cash	121,289	0.002%
Call Option	12/15/2023	Cash	120,945	0.002%
Swap	10/2/2023	Cash	120,874	0.002%
Call Option	12/15/2023	Cash	120,339	0.002%
Call Option	12/20/2024	Cash	119,795	0.002%
Call Option	12/19/2025	Cash	119,633	0.002%
Call Option	12/19/2025	Cash	119,284	0.002%
Call Option	12/15/2023	Cash	119,222	0.002%
Call Option	12/20/2024	Cash	118,807	0.002%
Call Option	12/16/2022	Cash	118,704	0.002%
Call Option	4/21/2023	Cash	118,344	0.002%
Call Option	6/16/2023	Cash	117,549	0.002%
Put Option	12/18/2026	Cash	117,528	0.002%
Call Option	6/16/2023	Cash	117,324	0.002%
Future	12/16/2022	Cash	117,140	0.002%
Future	12/16/2022	Cash	117,125	0.002%
Call Option	12/20/2024	Cash	116,570	0.002%
Call Option	12/20/2024	Cash	116,253	0.002%
Put Option	6/16/2023	Cash	115,699	0.002%
Call Option	12/18/2026	Cash	115,110	0.002%
Put Option	12/15/2023	Cash	114,400	0.002%
Call Option	12/19/2025	Cash	114,149	0.002%
Call Option	12/15/2023	Cash	113,656	0.002%
Put Option	6/16/2023	Cash	113,541	0.002%
Call Option	12/16/2022	Cash	113,434	0.002%
Put Option	12/20/2024	Cash	113,251	0.002%
Put Option	12/20/2024	Cash	112,862	0.002%
Call Option	12/16/2022	Cash	112,821	0.002%
Put Option	12/16/2022	Cash	112,813	0.002%
Call Option	12/21/2029	Cash	112,686	0.002%
Call Option	12/15/2023	Cash	111,940	0.002%
Put Option	12/20/2024	Cash	111,841	0.002%
Call Option	12/15/2023	Cash	111,708	0.002%
Forward	12/16/2022	Cash	111,429	0.002%
Call Option	12/15/2028	Cash	111,366	0.002%
Put Option	3/17/2023	Cash	111,178	0.002%
Call Option	12/17/2027	Cash	110,840	0.002%
Put Option	12/17/2027	Cash	110,467	0.002%
Call Option	12/17/2027	Cash	110,300	0.002%
Call Option	12/17/2027	Cash	110,034	0.002%
Put Option	3/17/2023	Cash	110,005	0.002%
Call Option	12/21/2029	Cash	109,985	0.002%
Call Option	12/20/2024	Cash	109,545	0.002%
Call Option	12/17/2027	Cash	109,354	0.002%
Call Option	12/17/2027	Cash	108,259	0.002%
Put Option	12/20/2024	Cash	107,859	0.002%
Future	12/16/2022	Cash	107,520	0.002%
Call Option	12/16/2022	Cash	107,470	0.002%
Future	12/14/2023	Cash	107,325	0.002%
Call Option	12/16/2022	Cash	107,181	0.002%
Call Option	12/16/2022	Cash	106,944	0.002%
Put Option	12/20/2024	Cash	106,619	0.002%
Future	12/16/2022	Cash	106,230	0.002%
Call Option	12/20/2024	Cash	106,198	0.002%
Call Option	11/27/2023	Cash	105,831	0.002%
Put Option	12/16/2022	Cash	105,385	0.002%
Call Option	12/18/2026	Cash	105,369	0.002%
Forward	12/16/2022	Cash	105,045	0.002%
Put Option	12/20/2024	Cash	104,939	0.002%
Call Option	12/19/2025	Cash	104,637	0.002%
Forward	12/16/2022	Cash	103,575	0.002%
Call Option	6/21/2024	Cash	103,471	0.002%
Call Option	12/19/2025	Cash	103,253	0.002%
Call Option	12/20/2024	Cash	103,194	0.002%
Call Option	12/16/2022	Cash	103,179	0.002%
Call Option	12/16/2022	Cash	102,615	0.002%
Future	12/14/2028	Cash	102,564	0.002%
Call Option	12/15/2023	Cash	102,408	0.002%
Call Option	12/20/2024	Cash	102,349	0.002%
Put Option	6/21/2024	Cash	102,289	0.002%

Call Option	12/18/2026	Cash	99,419	0.002%
Call Option	12/19/2025	Cash	99,410	0.002%
Call Option	12/15/2023	Cash	99,138	0.002%
Call Option	12/16/2022	Cash	99,022	0.002%
Call Option	12/16/2022	Cash	99,022	0.002%
Put Option	1/20/2023	Cash	98,598	0.002%
Call Option	6/12/2023	Cash	98,077	0.002%
Call Option	12/20/2024	Cash	98,043	0.002%
Call Option	12/17/2027	Cash	97,942	0.002%
Call Option	10/18/2023	Cash	97,878	0.002%
Call Option	12/20/2024	Cash	97,712	0.002%
Swap	11/22/2032	Cash	97,650	0.002%
Call Option	12/16/2022	Cash	97,484	0.002%
Forward	12/16/2022	Cash	97,170	0.002%
Swap	10/20/2023	Cash	96,793	0.002%
Call Option	12/16/2022	Cash	96,756	0.002%
Call Option	12/16/2022	Cash	96,485	0.002%
Put Option	12/15/2023	Cash	96,291	0.002%
Call Option	12/18/2026	Cash	96,234	0.002%
Put Option	12/18/2026	Cash	96,076	0.002%
Call Option	12/19/2025	Cash	95,958	0.002%
Put Option	12/16/2022	Cash	95,927	0.002%
Call Option	12/15/2023	Cash	94,839	0.002%
Forward	3/17/2023	Cash	94,547	0.002%
Call Option	12/16/2022	Cash	94,318	0.002%
Put Option	12/15/2028	Cash	93,916	0.002%
Call Option	12/15/2023	Cash	93,752	0.002%
Call Option	12/15/2023	Cash	93,676	0.002%
Call Option	12/18/2026	Cash	93,569	0.002%
Future	12/16/2022	Cash	93,184	0.002%
Call Option	12/15/2023	Cash	93,162	0.002%
Call Option	12/15/2023	Cash	92,971	0.002%
Call Option	12/21/2029	Cash	92,771	0.002%
Call Option	6/12/2023	Cash	92,618	0.002%
Call Option	12/16/2022	Cash	92,432	0.002%
Put Option	12/20/2024	Cash	91,909	0.002%
Call Option	12/20/2024	Cash	91,858	0.002%
Call Option	12/16/2022	Cash	91,234	0.002%
Forward	12/16/2022	Cash	90,865	0.002%
Forward	12/16/2022	Cash	90,641	0.002%
Put Option	12/20/2024	Cash	90,143	0.002%
Put Option	12/15/2023	Cash	89,987	0.002%
Call Option	12/16/2022	Cash	89,891	0.002%
Put Option	12/20/2024	Cash	89,727	0.002%
Future	12/16/2022	Cash	89,713	0.002%
Put Option	12/20/2024	Cash	89,659	0.002%
Call Option	12/16/2022	Cash	89,547	0.002%
Put Option	12/20/2024	Cash	89,377	0.002%
Call Option	12/20/2024	Cash	89,372	0.002%
Put Option	12/16/2022	Cash	89,363	0.002%
Put Option	12/15/2023	Cash	89,186	0.002%
Call Option	12/18/2026	Cash	88,984	0.002%
Call Option	12/16/2022	Cash	88,979	0.002%
Put Option	12/20/2024	Cash	88,849	0.002%
Put Option	12/20/2024	Cash	88,743	0.002%
Put Option	12/18/2026	Cash	88,335	0.002%
Put Option	12/16/2022	Cash	87,885	0.002%
Put Option	12/20/2024	Cash	87,538	0.002%
Put Option	12/20/2024	Cash	87,408	0.002%
Put Option	6/21/2024	Cash	87,392	0.002%
Forward	12/16/2022	Cash	87,214	0.002%
Put Option	12/16/2022	Cash	86,645	0.002%
Call Option	12/20/2024	Cash	85,897	0.002%
Forward	12/16/2022	Cash	85,722	0.002%
Put Option	12/20/2024	Cash	85,477	0.002%
Swap	11/23/2027	Cash	85,471	0.002%
Call Option	6/16/2023	Cash	85,256	0.001%
Call Option	12/15/2023	Cash	85,084	0.001%
Put Option	12/19/2025	Cash	84,762	0.001%
Call Option	12/15/2023	Cash	84,723	0.001%
Call Option	12/15/2028	Cash	84,655	0.001%
Put Option	12/20/2024	Cash	84,640	0.001%
Put Option	12/20/2024	Cash	84,553	0.001%

Call Option	12/15/2028	Cash	84,088	0.001%
Put Option	12/17/2027	Cash	83,878	0.001%
Forward	12/16/2022	Cash	83,800	0.001%
Call Option	12/15/2023	Cash	83,599	0.001%
Call Option	12/15/2023	Cash	83,599	0.001%
Call Option	8/3/2023	Cash	83,499	0.001%
Call Option	12/19/2025	Cash	83,142	0.001%
Put Option	2/17/2023	Cash	82,987	0.001%
Put Option	12/20/2024	Cash	82,826	0.001%
Put Option	12/20/2024	Cash	82,825	0.001%
Forward	12/16/2022	Cash	82,767	0.001%
Call Option	12/20/2024	Cash	82,462	0.001%
Call Option	12/16/2022	Cash	82,457	0.001%
Put Option	12/18/2026	Cash	82,159	0.001%
Put Option	12/15/2023	Cash	82,108	0.001%
Put Option	12/17/2027	Cash	81,982	0.001%
Forward	6/16/2023	Cash	81,941	0.001%
Call Option	12/15/2023	Cash	81,788	0.001%

Future	12/16/2022	Cash	81,758	0.001%
Call Option	12/19/2025	Cash	81,599	0.001%
Forward	12/16/2022	Cash	81,261	0.001%
Call Option	12/16/2022	Cash	81,221	0.001%
Put Option	12/15/2023	Cash	80,801	0.001%
Call Option	12/15/2023	Cash	80,483	0.001%
Put Option	12/16/2022	Cash	80,452	0.001%
Call Option	1/20/2023	Cash	80,327	0.001%
Put Option	3/17/2023	Cash	80,233	0.001%
Call Option	3/17/2023	Cash	79,569	0.001%
Call Option	12/15/2023	Cash	79,346	0.001%
Call Option	12/16/2022	Cash	79,240	0.001%
Call Option	12/23/2022	Cash	79,196	0.001%
Put Option	12/15/2023	Cash	79,087	0.001%
Put Option	12/21/2029	Cash	79,079	0.001%
Call Option	12/15/2023	Cash	78,874	0.001%
Call Option	12/15/2023	Cash	78,814	0.001%
Put Option	12/19/2025	Cash	78,772	0.001%
Put Option	12/17/2027	Cash	78,653	0.001%
Forward	12/16/2022	Cash	78,255	0.001%
Call Option	12/16/2022	Cash	78,210	0.001%
Call Option	12/16/2022	Cash	77,722	0.001%
Put Option	12/16/2022	Cash	77,550	0.001%
Call Option	12/15/2023	Cash	77,287	0.001%
Call Option	12/15/2028	Cash	77,114	0.001%
Put Option	12/20/2024	Cash	77,113	0.001%
Put Option	12/19/2025	Cash	77,010	0.001%
Call Option	12/20/2030	Cash	76,252	0.001%
Call Option	12/15/2023	Cash	76,198	0.001%
Call Option	12/16/2022	Cash	76,186	0.001%
Call Option	12/19/2025	Cash	75,850	0.001%
Put Option	12/16/2022	Cash	75,848	0.001%
Call Option	12/19/2025	Cash	75,840	0.001%
Call Option	12/19/2025	Cash	75,840	0.001%
Call Option	12/16/2022	Cash	75,578	0.001%
Put Option	12/20/2024	Cash	75,377	0.001%
Put Option	12/20/2024	Cash	75,260	0.001%
Call Option	12/29/2022	Cash	75,140	0.001%
Call Option	12/29/2022	Cash	75,140	0.001%
Put Option	12/20/2024	Cash	74,966	0.001%
Future	12/19/2030	Cash	74,833	0.001%
Forward	12/16/2022	Cash	74,339	0.001%
Call Option	12/16/2022	Cash	74,195	0.001%
Put Option	2/17/2023	Cash	74,144	0.001%
Put Option	12/20/2024	Cash	73,944	0.001%
Call Option	3/17/2023	Cash	73,545	0.001%
Call Option	10/18/2023	Cash	73,415	0.001%
Put Option	12/20/2024	Cash	73,290	0.001%
Call Option	12/18/2026	Cash	72,980	0.001%
Put Option	12/20/2024	Cash	72,897	0.001%
Call Option	12/16/2022	Cash	72,775	0.001%
Put Option	12/20/2024	Cash	72,708	0.001%
Call Option	12/16/2022	Cash	72,686	0.001%
Put Option	12/15/2023	Cash	72,493	0.001%
Put Option	12/15/2023	Cash	72,379	0.001%
Future	12/16/2022	Cash	72,379	0.001%
Put Option	12/18/2026	Cash	72,376	0.001%
Put Option	12/18/2026	Cash	72,376	0.001%
Call Option	12/16/2022	Cash	72,357	0.001%
Put Option	12/20/2024	Cash	72,333	0.001%
Call Option	12/15/2028	Cash	72,301	0.001%
Call Option	12/18/2026	Cash	72,196	0.001%
Call Option	12/19/2025	Cash	72,130	0.001%
Put Option	12/17/2027	Cash	71,796	0.001%
Swap	2/23/2023	Cash	71,661	0.001%
Put Option	12/16/2022	Cash	71,647	0.001%
Put Option	12/16/2022	Cash	71,647	0.001%
Future	12/15/2022	Cash	71,635	0.001%
Future	3/17/2023	Cash	71,606	0.001%
Call Option	12/16/2022	Cash	71,471	0.001%
Call Option	12/16/2022	Cash	71,436	0.001%
Call Option	12/16/2022	Cash	71,427	0.001%
Call Option	12/16/2022	Cash	71,382	0.001%

Put Option	12/19/2025	Cash	71,322	0.001%
Swap	10/26/2023	Cash	71,191	0.001%
Call Option	12/16/2022	Cash	71,179	0.001%
Put Option	12/16/2022	Cash	71,123	0.001%
Call Option	12/15/2023	Cash	70,971	0.001%
Put Option	12/15/2023	Cash	70,944	0.001%
Call Option	12/17/2027	Cash	70,835	0.001%
Put Option	12/16/2022	Cash	70,818	0.001%
Call Option	6/21/2024	Cash	70,576	0.001%
Call Option	12/16/2022	Cash	70,520	0.001%
Call Option	12/15/2023	Cash	70,515	0.001%
Put Option	12/18/2026	Cash	70,487	0.001%
Call Option	12/17/2027	Cash	70,368	0.001%
Swap	6/18/2024	Cash	70,357	0.001%
Call Option	12/20/2024	Cash	70,316	0.001%
Put Option	12/15/2023	Cash	70,159	0.001%
Call Option	12/18/2026	Cash	69,848	0.001%
Put Option	12/16/2022	Cash	69,789	0.001%

Call Option	12/20/2024	Cash	69,603	0.001%
Call Option	12/16/2022	Cash	69,515	0.001%
Forward	12/16/2022	Cash	69,182	0.001%
Forward	12/16/2022	Cash	69,160	0.001%
Call Option	12/15/2023	Cash	69,150	0.001%
Call Option	12/19/2025	Cash	69,101	0.001%
Put Option	12/16/2022	Cash	68,980	0.001%
Put Option	12/16/2022	Cash	68,919	0.001%
Call Option	12/17/2027	Cash	68,890	0.001%
Call Option	12/15/2028	Cash	68,874	0.001%
Call Option	12/17/2027	Cash	68,709	0.001%
Call Option	12/18/2026	Cash	68,622	0.001%
Call Option	12/19/2025	Cash	68,487	0.001%
Call Option	12/15/2023	Cash	68,433	0.001%
Call Option	6/21/2024	Cash	68,298	0.001%
Put Option	12/18/2026	Cash	68,210	0.001%
Put Option	12/17/2027	Cash	68,096	0.001%
Call Option	12/16/2022	Cash	67,960	0.001%
Put Option	6/16/2023	Cash	67,810	0.001%
Put Option	6/16/2023	Cash	67,692	0.001%
Call Option	12/20/2024	Cash	67,632	0.001%
Call Option	12/15/2023	Cash	67,327	0.001%
Call Option	12/16/2022	Cash	67,160	0.001%
Put Option	12/18/2026	Cash	67,063	0.001%
Call Warrant	12/16/2022	cash	66,900	0.001%
Put Option	6/16/2023	Cash	66,854	0.001%
Call Option	12/19/2025	Cash	66,841	0.001%
Call Option	12/18/2026	Cash	66,777	0.001%
Put Option	12/19/2025	Cash	66,728	0.001%
Put Option	12/19/2025	Cash	66,652	0.001%
Put Option	12/19/2025	Cash	66,480	0.001%
Put Option	12/19/2025	Cash	66,244	0.001%
Put Option	12/15/2023	Cash	66,080	0.001%
Future	12/16/2022	Cash	65,989	0.001%
Call Option	12/15/2023	Cash	65,878	0.001%
Call Option	12/15/2023	Cash	65,876	0.001%
Put Option	12/15/2023	Cash	65,812	0.001%
Put Option	12/15/2023	Cash	65,781	0.001%
Put Option	12/19/2025	Cash	65,388	0.001%
Put Option	12/15/2023	Cash	65,232	0.001%
Call Option	12/15/2023	Cash	65,014	0.001%
Forward	12/16/2022	Cash	64,806	0.001%
Call Option	6/16/2023	Cash	64,751	0.001%
Call Option	12/18/2026	Cash	64,740	0.001%
Put Option	12/15/2023	Cash	64,628	0.001%
Call Option	12/15/2023	Cash	64,493	0.001%
Future	12/16/2022	Cash	64,476	0.001%
Call Option	12/15/2028	Cash	64,417	0.001%
Call Option	12/19/2025	Cash	64,400	0.001%
Forward	12/16/2022	Cash	64,283	0.001%
Put Option	12/18/2026	Cash	64,262	0.001%
Put Option	12/15/2028	Cash	64,127	0.001%
Call Option	12/20/2024	Cash	64,076	0.001%
Call Option	12/16/2022	Cash	63,895	0.001%
Call Option	12/18/2026	Cash	63,810	0.001%
Call Option	12/16/2022	Cash	63,574	0.001%
Call Option	12/18/2026	Cash	63,441	0.001%
Call Option	12/20/2024	Cash	63,338	0.001%
Call Option	12/19/2025	Cash	63,292	0.001%
Put Option	12/18/2026	Cash	63,256	0.001%
Call Option	12/16/2022	Cash	63,249	0.001%
Call Option	12/16/2022	Cash	63,228	0.001%
Put Option	12/20/2024	Cash	63,031	0.001%
Call Option	12/19/2025	Cash	62,960	0.001%
Call Option	12/16/2022	Cash	62,870	0.001%
Call Option	12/16/2022	Cash	62,620	0.001%
Forward	12/16/2022	Cash	62,611	0.001%
Call Option	12/16/2022	Cash	62,481	0.001%
Call Option	12/13/2022	Cash	62,108	0.001%
Put Option	12/15/2023	Cash	61,884	0.001%
Call Option	12/15/2023	Cash	61,647	0.001%
Call Option	12/20/2024	Cash	61,556	0.001%
Put Option	12/20/2024	Cash	61,526	0.001%

Call Option	12/19/2025	Cash	61,526	0.001%
Call Option	12/20/2024	Cash	61,514	0.001%
Call Option	12/20/2024	Cash	61,234	0.001%
Swap	10/20/2032	Cash	61,213	0.001%
Call Option	2/19/2024	Cash	61,186	0.001%
Call Option	12/20/2024	Cash	61,020	0.001%
Put Option	12/20/2024	Cash	61,004	0.001%
Call Option	12/20/2024	Cash	60,812	0.001%
Call Option	12/16/2022	Cash	60,662	0.001%
Forward	12/16/2022	Cash	60,660	0.001%
Put Option	12/15/2023	Cash	60,548	0.001%
Call Option	12/20/2024	Cash	60,449	0.001%
Call Option	2/1/2024	Cash	60,405	0.001%
Put Option	6/21/2024	Cash	59,985	0.001%
Call Option	3/11/2024	Cash	59,803	0.001%
Call Option	12/20/2024	Cash	59,450	0.001%
Put Option	12/15/2023	Cash	59,369	0.001%
Put Option	12/20/2024	Cash	59,201	0.001%

Put Option	12/19/2025	Cash	59,177	0.001%
Put Option	12/19/2025	Cash	59,127	0.001%
Swap	5/22/2023	Cash	58,772	0.001%
Call Option	12/20/2024	Cash	58,647	0.001%
Call Option	12/19/2025	Cash	58,598	0.001%
Call Option	5/19/2023	Cash	58,513	0.001%
Call Option	12/4/2023	Cash	58,415	0.001%
Call Option	12/4/2023	Cash	58,415	0.001%
Call Option	12/4/2023	Cash	58,415	0.001%
Call Option	12/19/2025	Cash	58,336	0.001%
Call Option	12/19/2025	Cash	58,336	0.001%
Put Option	12/15/2023	Cash	58,062	0.001%
Call Option	12/21/2029	Cash	57,876	0.001%
Call Option	12/15/2028	Cash	57,866	0.001%
Call Option	9/11/2023	Cash	57,681	0.001%
Call Option	12/19/2025	Cash	57,607	0.001%
Put Option	12/21/2029	Cash	57,591	0.001%
Future	12/16/2022	Cash	57,344	0.001%
Future	12/16/2022	Cash	57,344	0.001%
Call Option	12/16/2022	Cash	57,245	0.001%
Call Option	12/16/2022	Cash	57,216	0.001%
Call Option	12/16/2022	Cash	57,176	0.001%
Call Option	12/21/2029	Cash	57,174	0.001%
Put Option	12/20/2024	Cash	57,165	0.001%
Future	12/16/2022	Cash	57,129	0.001%
Call Option	12/19/2025	Cash	57,075	0.001%
Call Option	12/16/2022	Cash	57,019	0.001%
Call Option	3/30/2027	Cash	56,944	0.001%
Call Option	12/15/2023	Cash	56,828	0.001%
Call Option	12/15/2023	Cash	56,703	0.001%
Call Option	12/15/2023	Cash	56,695	0.001%
Call Option	12/16/2022	Cash	56,581	0.001%
Put Option	12/19/2025	Cash	56,568	0.001%
Put Option	6/16/2023	Cash	56,402	0.001%
Call Option	12/26/2023	Cash	56,247	0.001%
Call Option	12/26/2023	Cash	56,247	0.001%
Call Option	12/26/2023	Cash	56,247	0.001%
Call Option	3/28/2023	Cash	56,040	0.001%
Call Option	3/28/2023	Cash	56,040	0.001%
Call Option	3/28/2023	Cash	56,040	0.001%
Call Option	3/22/2024	Cash	55,809	0.001%
Call Option	12/15/2023	Cash	55,742	0.001%
Call Option	12/21/2029	Cash	55,567	0.001%
Swap	11/18/2032	Cash	55,440	0.001%
Put Option	11/17/2023	Cash	55,176	0.001%
Put Option	12/20/2024	Cash	55,146	0.001%
Put Option	12/20/2024	Cash	55,146	0.001%
Call Option	7/21/2023	Cash	55,044	0.001%
Call Warrant	12/15/2023	cash	55,000	0.001%
Call Option	12/16/2022	Cash	54,972	0.001%
Put Option	12/20/2024	Cash	54,719	0.001%
Put Option	12/17/2027	Cash	54,345	0.001%
Call Option	12/16/2022	Cash	54,332	0.001%
Call Option	12/16/2022	Cash	54,141	0.001%
Call Option	12/18/2026	Cash	54,095	0.001%
Put Option	12/17/2027	Cash	54,073	0.001%
Call Option	12/16/2022	Cash	53,814	0.001%
Put Option	2/17/2023	Cash	53,756	0.001%
Call Option	12/20/2024	Cash	53,623	0.001%
Put Option	9/15/2023	Cash	53,612	0.001%
Call Option	12/16/2022	Cash	53,379	0.001%
Forward	12/16/2022	Cash	53,165	0.001%
Put Option	12/15/2028	Cash	53,065	0.001%
Call Option	12/16/2022	Cash	53,003	0.001%
Call Option	12/20/2024	Cash	52,940	0.001%
Call Option	2/17/2023	Cash	52,863	0.001%
Call Option	12/19/2025	Cash	52,726	0.001%
Call Option	12/15/2023	Cash	52,726	0.001%
Call Option	12/20/2024	Cash	52,656	0.001%
Put Option	3/17/2023	Cash	52,541	0.001%
Call Option	2/17/2023	Cash	52,519	0.001%
Put Option	12/17/2027	Cash	52,458	0.001%
Put Option	6/16/2023	Cash	52,253	0.001%

Call Option	12/16/2022	Cash	52,076	0.001%
Call Option	6/13/2024	Cash	52,038	0.001%
Call Option	12/20/2024	Cash	51,764	0.001%
Call Option	12/16/2022	Cash	51,636	0.001%
Call Option	1/20/2023	Cash	51,617	0.001%
Put Option	12/15/2023	Cash	51,504	0.001%
Call Option	6/16/2023	Cash	51,427	0.001%
Call Option	12/16/2022	Cash	51,377	0.001%
Put Option	12/15/2023	Cash	51,225	0.001%
Call Option	12/16/2022	Cash	51,091	0.001%
Put Option	6/16/2023	Cash	51,046	0.001%
Call Option	12/16/2022	Cash	50,909	0.001%
Put Option	12/15/2023	Cash	50,689	0.001%
Call Option	1/20/2023	Cash	50,652	0.001%
Call Option	1/20/2023	Cash	50,601	0.001%
Call Option	12/20/2024	Cash	50,563	0.001%
Put Option	12/16/2022	Cash	50,537	0.001%
Call Option	12/15/2023	Cash	50,397	0.001%

Call Option	12/16/2022	Cash	50,348	0.001%
Put Option	6/16/2023	Cash	50,322	0.001%
Future	12/16/2022	Cash	50,176	0.001%
Future	12/16/2022	Cash	50,176	0.001%
Put Option	12/16/2022	Cash	50,151	0.001%
Call Option	12/20/2024	Cash	50,148	0.001%
Put Option	12/16/2022	Cash	50,121	0.001%
Call Option	12/15/2023	Cash	49,958	0.001%
Put Option	12/16/2022	Cash	49,926	0.001%
Put Option	12/16/2022	Cash	49,879	0.001%
Call Option	12/16/2022	Cash	49,806	0.001%
Call Option	12/15/2023	Cash	49,775	0.001%
Call Option	12/15/2023	Cash	49,775	0.001%
Put Option	6/16/2023	Cash	49,767	0.001%
Call Option	12/18/2026	Cash	49,761	0.001%
Call Option	12/20/2024	Cash	49,542	0.001%
Call Option	3/17/2023	Cash	49,536	0.001%
Put Option	12/20/2030	Cash	49,521	0.001%
Call Option	8/31/2023	Cash	49,508	0.001%
Call Option	8/31/2023	Cash	49,508	0.001%
Call Option	12/16/2022	Cash	49,463	0.001%
Put Option	12/15/2023	Cash	49,412	0.001%
Call Option	12/15/2023	Cash	49,408	0.001%
Swap	2/14/2023	Cash	49,285	0.001%
Put Option	12/15/2023	Cash	49,037	0.001%
Put Option	12/15/2023	Cash	48,942	0.001%
Call Option	12/18/2026	Cash	48,790	0.001%
Call Option	12/20/2024	Cash	48,648	0.001%
Call Option	12/15/2023	Cash	48,603	0.001%
Put Option	6/16/2023	Cash	48,602	0.001%
Put Option	12/16/2022	Cash	48,511	0.001%
Put Option	12/18/2026	Cash	48,502	0.001%
Put Option	12/15/2023	Cash	48,457	0.001%
Future	12/16/2022	Cash	48,455	0.001%
Put Option	12/17/2027	Cash	48,368	0.001%
Put Option	6/16/2023	Cash	48,328	0.001%
Call Option	11/29/2024	Cash	48,122	0.001%
Call Option	11/29/2024	Cash	48,122	0.001%
Call Option	11/29/2024	Cash	48,122	0.001%
Call Option	12/15/2023	Cash	48,046	0.001%
Call Option	12/15/2023	Cash	48,045	0.001%
Put Option	12/20/2024	Cash	47,803	0.001%
Forward	12/16/2022	Cash	47,749	0.001%
Call Option	12/19/2025	Cash	47,719	0.001%
Put Option	12/19/2025	Cash	47,698	0.001%
Forward	12/16/2022	Cash	47,527	0.001%
Call Option	12/16/2022	Cash	47,496	0.001%
Call Option	12/18/2026	Cash	47,278	0.001%
Put Option	12/15/2023	Cash	47,027	0.001%
Forward	12/16/2022	Cash	47,018	0.001%
Call Option	12/15/2023	Cash	46,890	0.001%
Call Option	12/15/2023	Cash	46,838	0.001%
Future	12/16/2022	Cash	46,807	0.001%
Put Option	12/18/2026	Cash	46,645	0.001%
Call Option	6/16/2023	Cash	46,580	0.001%
Future	12/16/2022	Cash	46,430	0.001%
Call Option	12/15/2023	Cash	46,412	0.001%
Put Option	12/15/2023	Cash	46,355	0.001%
Call Option	12/20/2024	Cash	46,331	0.001%
Call Option	12/15/2023	Cash	46,218	0.001%
Put Option	12/15/2028	Cash	46,148	0.001%
Call Option	12/16/2022	Cash	46,145	0.001%
Call Option	12/15/2023	Cash	46,070	0.001%
Put Option	12/15/2023	Cash	46,046	0.001%
Put Option	9/15/2023	Cash	46,031	0.001%
Call Option	12/20/2024	Cash	46,011	0.001%
Call Option	12/15/2023	Cash	45,902	0.001%
Put Option	12/19/2025	Cash	45,883	0.001%
Put Option	12/15/2023	Cash	45,764	0.001%
Call Option	12/20/2024	Cash	45,736	0.001%
Call Warrant	12/16/2022	cash	45,700	0.001%
Call Option	6/16/2023	Cash	45,669	0.001%
Call Option	12/15/2023	Cash	45,623	0.001%

Call Option	12/18/2026	Cash	45,574	0.001%
Put Option	12/20/2024	Cash	45,414	0.001%
Put Option	12/16/2022	Cash	45,380	0.001%
Put Option	12/15/2023	Cash	45,372	0.001%
Call Option	12/15/2028	Cash	45,317	0.001%
Put Option	6/16/2023	Cash	45,293	0.001%
Put Option	12/15/2023	Cash	45,143	0.001%
Put Option	3/17/2023	Cash	45,110	0.001%
Put Option	3/17/2023	Cash	45,078	0.001%
Call Option	12/16/2022	Cash	45,025	0.001%
Future	12/19/2030	Cash	44,895	0.001%
Put Option	12/21/2029	Cash	44,444	0.001%
Call Option	6/16/2023	Cash	44,266	0.001%
Put Option	12/20/2024	Cash	43,857	0.001%
Put Option	12/20/2024	Cash	43,857	0.001%
Call Option	12/15/2023	Cash	43,788	0.001%
Put Option	12/20/2024	Cash	43,738	0.001%
Call Option	12/15/2028	Cash	43,732	0.001%

Forward	12/16/2022	Cash	43,352	0.001%
Put Option	12/15/2023	Cash	43,334	0.001%
Put Option	3/17/2023	Cash	43,239	0.001%
Call Option	3/17/2023	Cash	43,217	0.001%
Call Option	8/18/2023	Cash	43,159	0.001%
Put Option	6/16/2023	Cash	43,088	0.001%
Put Option	12/16/2022	Cash	42,976	0.001%
Call Option	12/18/2026	Cash	42,749	0.001%
Put Option	12/15/2023	Cash	42,719	0.001%
Call Option	12/18/2026	Cash	42,675	0.001%
Put Option	12/15/2023	Cash	42,634	0.001%
Put Option	12/15/2023	Cash	42,511	0.001%
Call Option	6/16/2023	Cash	42,504	0.001%
Call Warrant	12/31/2030	cash	42,500	0.001%
Call Option	10/26/2028	Cash	42,481	0.001%
Call Option	10/26/2028	Cash	42,481	0.001%
Call Option	10/26/2028	Cash	42,481	0.001%
Put Option	6/16/2023	Cash	42,444	0.001%
Call Option	12/20/2024	Cash	42,287	0.001%
Put Option	12/15/2028	Cash	42,252	0.001%
Put Option	12/17/2027	Cash	42,200	0.001%
Put Option	12/15/2023	Cash	42,050	0.001%
Put Option	12/15/2023	Cash	41,970	0.001%
Call Option	12/16/2022	Cash	41,940	0.001%
Call Option	12/19/2025	Cash	41,876	0.001%
Call Option	8/18/2023	Cash	41,735	0.001%
Put Option	12/20/2024	Cash	41,640	0.001%
Put Option	12/20/2024	Cash	41,611	0.001%
Forward	12/16/2022	Cash	41,437	0.001%
Call Option	12/15/2028	Cash	41,247	0.001%
Put Option	12/15/2023	Cash	41,132	0.001%
Call Option	12/16/2022	Cash	41,117	0.001%
Put Option	12/20/2024	Cash	41,094	0.001%
Forward	6/16/2023	Cash	40,971	0.001%
Put Option	9/15/2023	Cash	40,888	0.001%
Put Option	12/16/2022	Cash	40,575	0.001%
Call Option	12/19/2025	Cash	40,542	0.001%
Call Option	12/18/2026	Cash	40,481	0.001%
Call Option	12/16/2022	Cash	40,453	0.001%
Future	12/16/2022	Cash	40,356	0.001%
Call Option	12/15/2028	Cash	40,295	0.001%
Call Option	12/15/2028	Cash	40,295	0.001%
Swap	10/2/2023	Cash	40,291	0.001%
Call Option	12/15/2028	Cash	40,286	0.001%
Call Option	12/20/2024	Cash	40,095	0.001%
Call Option	6/21/2024	Cash	39,662	0.001%
Put Option	12/15/2023	Cash	39,631	0.001%
Put Option	12/20/2024	Cash	39,594	0.001%
Call Option	12/15/2023	Cash	39,584	0.001%
Call Option	12/20/2024	Cash	39,508	0.001%
Put Option	12/20/2024	Cash	39,481	0.001%
Put Option	12/18/2026	Cash	39,451	0.001%
Put Option	12/16/2022	Cash	39,436	0.001%
Call Option	12/16/2022	Cash	39,370	0.001%
Call Option	12/20/2024	Cash	39,298	0.001%
Put Option	3/17/2023	Cash	39,293	0.001%
Call Option	12/15/2028	Cash	39,231	0.001%
Put Option	12/20/2024	Cash	39,165	0.001%
Put Option	12/20/2024	Cash	39,164	0.001%
Put Option	12/20/2024	Cash	39,027	0.001%
Call Option	12/18/2026	Cash	38,947	0.001%
Put Option	12/16/2022	Cash	38,754	0.001%
Call Option	12/15/2023	Cash	38,696	0.001%
Put Option	12/16/2022	Cash	38,578	0.001%
Call Option	12/15/2023	Cash	38,553	0.001%
Put Option	12/20/2024	Cash	38,438	0.001%
Call Option	12/17/2027	Cash	38,418	0.001%
Put Option	12/17/2027	Cash	38,324	0.001%
Swap	3/2/2023	Cash	38,319	0.001%
Put Option	12/15/2023	Cash	38,165	0.001%
Call Option	12/20/2024	Cash	38,154	0.001%
Forward	12/16/2022	Cash	38,001	0.001%
Put Option	12/20/2024	Cash	37,995	0.001%

Put Option	12/15/2028	Cash	37,938	0.001%
Put Option	12/15/2028	Cash	37,938	0.001%
Put Option	12/15/2023	Cash	37,922	0.001%
Forward	6/16/2023	Cash	37,856	0.001%
Put Option	12/20/2024	Cash	37,750	0.001%
Call Option	12/30/2022	Cash	37,634	0.001%
Put Option	12/15/2023	Cash	37,628	0.001%
Call Option	12/16/2022	Cash	37,453	0.001%
Put Option	12/15/2023	Cash	37,422	0.001%
Put Option	12/15/2023	Cash	37,385	0.001%
Call Option	5/19/2023	Cash	37,235	0.001%
Call Warrant	12/16/2022	cash	37,000	0.001%
Call Option	12/15/2023	Cash	36,987	0.001%
Forward	12/16/2022	Cash	36,983	0.001%
Call Option	12/20/2024	Cash	36,970	0.001%
Call Option	12/26/2028	Cash	36,802	0.001%
Call Option	12/26/2028	Cash	36,802	0.001%
Call Option	12/26/2028	Cash	36,802	0.001%

Put Option	12/20/2024	Cash	36,764	0.001%
Call Option	12/17/2027	Cash	36,662	0.001%
Put Option	12/20/2024	Cash	36,645	0.001%
Put Option	12/15/2023	Cash	36,518	0.001%
Put Option	6/21/2024	Cash	36,504	0.001%
Call Option	4/21/2023	Cash	36,475	0.001%
Forward	12/16/2022	Cash	36,244	0.001%
Put Option	12/20/2024	Cash	36,109	0.001%
Call Option	12/20/2024	Cash	36,036	0.001%
Put Option	12/15/2023	Cash	36,026	0.001%
Put Option	12/20/2024	Cash	35,888	0.001%
Put Option	12/20/2024	Cash	35,864	0.001%
Put Option	12/16/2022	Cash	35,801	0.001%
Call Option	12/21/2029	Cash	35,758	0.001%
Call Option	12/20/2024	Cash	35,740	0.001%
Call Option	12/20/2024	Cash	35,733	0.001%
Put Option	12/20/2024	Cash	35,703	0.001%
Call Option	12/16/2022	Cash	35,691	0.001%
Call Option	12/16/2022	Cash	35,637	0.001%
Call Option	12/16/2022	Cash	35,619	0.001%
Call Option	12/16/2022	Cash	35,528	0.001%
Put Option	12/19/2025	Cash	35,503	0.001%
Call Option	2/17/2023	Cash	35,493	0.001%
Call Option	12/16/2022	Cash	35,484	0.001%
Put Option	12/16/2022	Cash	35,444	0.001%
Swap	7/24/2024	Cash	35,223	0.001%
Put Option	12/21/2029	Cash	35,128	0.001%
Call Option	6/19/2023	Cash	35,098	0.001%
Put Option	12/15/2028	Cash	35,085	0.001%
Call Option	12/17/2027	Cash	35,058	0.001%
Call Option	1/20/2023	Cash	34,979	0.001%
Put Option	12/20/2024	Cash	34,971	0.001%
Call Option	12/18/2026	Cash	34,937	0.001%
Call Option	12/19/2025	Cash	34,904	0.001%
Call Option	12/20/2024	Cash	34,848	0.001%
Call Option	12/18/2026	Cash	34,811	0.001%
Call Option	12/20/2024	Cash	34,789	0.001%
Call Option	12/16/2022	Cash	34,784	0.001%
Call Option	12/16/2022	Cash	34,784	0.001%
Put Option	12/16/2022	Cash	34,360	0.001%
Put Option	9/15/2023	Cash	34,344	0.001%
Call Option	12/16/2022	Cash	34,337	0.001%
Call Option	12/2/2022	Cash	34,190	0.001%
Put Option	12/20/2024	Cash	34,061	0.001%
Forward	12/16/2022	Cash	34,006	0.001%
Call Warrant	12/16/2022	cash	34,000	0.001%
Call Option	3/17/2023	Cash	33,956	0.001%
Put Option	12/15/2023	Cash	33,950	0.001%
Future	12/16/2022	Cash	33,912	0.001%
Put Option	12/15/2023	Cash	33,888	0.001%
Call Option	12/19/2025	Cash	33,794	0.001%
Put Option	12/19/2025	Cash	33,787	0.001%
Forward	12/16/2022	Cash	33,769	0.001%
Forward	12/16/2022	Cash	33,748	0.001%
Call Option	12/19/2025	Cash	33,684	0.001%
Call Option	12/19/2025	Cash	33,681	0.001%
Call Option	12/20/2030	Cash	33,555	0.001%
Put Option	6/21/2024	Cash	33,491	0.001%
Put Option	12/15/2023	Cash	33,462	0.001%
Call Option	12/15/2023	Cash	33,273	0.001%
Call Option	12/15/2023	Cash	33,250	0.001%
Call Warrant	12/16/2022	cash	32,889	0.001%
Call Option	12/20/2024	Cash	32,873	0.001%
Put Option	12/20/2024	Cash	32,768	0.001%
Call Option	12/20/2024	Cash	32,697	0.001%
Forward	12/16/2022	Cash	32,658	0.001%
Call Option	12/17/2027	Cash	32,621	0.001%
Put Option	6/21/2024	Cash	32,491	0.001%
Call Option	12/18/2026	Cash	32,413	0.001%
Put Option	12/20/2024	Cash	32,379	0.001%
Call Option	4/30/2027	Cash	32,309	0.001%
Call Option	4/30/2027	Cash	32,309	0.001%
Call Option	4/30/2027	Cash	32,309	0.001%

Future	12/16/2022	Cash	32,297	0.001%
Call Option	4/27/2027	Cash	32,144	0.001%
Call Option	12/16/2022	Cash	32,136	0.001%
Put Option	12/19/2025	Cash	32,093	0.001%
Forward	12/16/2022	Cash	32,034	0.001%
Put Option	12/18/2026	Cash	32,025	0.001%
Put Option	12/15/2023	Cash	31,975	0.001%
Put Option	12/16/2022	Cash	31,970	0.001%
Call Option	12/16/2022	Cash	31,936	0.001%
Future	12/16/2022	Cash	31,897	0.001%
Put Option	3/17/2023	Cash	31,839	0.001%
Swap	5/22/2023	Cash	31,818	0.001%
Call Option	12/18/2026	Cash	31,812	0.001%
Call Option	12/16/2022	Cash	31,787	0.001%
Call Option	12/18/2026	Cash	31,721	0.001%
Call Option	12/20/2024	Cash	31,669	0.001%
Call Option	12/16/2022	Cash	31,630	0.001%
Put Option	12/20/2024	Cash	31,547	0.001%

Call Option	12/20/2024	Cash	31,542	0.001%
Call Option	12/20/2024	Cash	31,542	0.001%
Swap	11/7/2023	Cash	31,407	0.001%
Put Option	12/19/2025	Cash	31,274	0.001%
Future	12/16/2022	Cash	31,245	0.001%
Put Option	6/16/2023	Cash	31,226	0.001%
Future	12/16/2022	Cash	31,181	0.001%
Put Option	12/15/2023	Cash	31,156	0.001%
Call Option	12/15/2023	Cash	31,072	0.001%
Call Option	12/15/2023	Cash	31,019	0.001%
Put Option	12/21/2029	Cash	30,705	0.001%
Call Option	12/15/2023	Cash	30,670	0.001%
Put Option	12/20/2024	Cash	30,502	0.001%
Forward	12/16/2022	Cash	30,499	0.001%
Forward	12/16/2022	Cash	30,420	0.001%
Put Option	12/19/2025	Cash	30,398	0.001%
Put Option	12/19/2025	Cash	30,398	0.001%
Call Option	12/16/2022	Cash	30,344	0.001%
Call Option	12/19/2025	Cash	30,339	0.001%
Call Option	12/19/2025	Cash	30,336	0.001%
Call Option	1/27/2023	Cash	30,331	0.001%
Call Option	1/27/2023	Cash	30,331	0.001%
Call Option	1/27/2023	Cash	30,331	0.001%
Put Option	6/16/2023	Cash	30,302	0.001%
Call Option	3/27/2023	Cash	30,130	0.001%
Call Option	3/27/2023	Cash	30,130	0.001%
Call Option	3/27/2023	Cash	30,130	0.001%
Put Option	12/20/2024	Cash	30,099	0.001%
Call Option	12/15/2023	Cash	30,085	0.001%
Put Option	3/17/2023	Cash	30,069	0.001%
Put Option	12/19/2025	Cash	30,023	0.001%
Call Warrant	12/31/2030	cash	30,000	0.001%
Put Option	3/15/2024	Cash	29,902	0.001%
Put Option	12/20/2024	Cash	29,896	0.001%
Put Option	12/17/2027	Cash	29,780	0.001%
Call Option	12/16/2022	Cash	29,685	0.001%
Put Option	12/15/2023	Cash	29,595	0.001%
Put Option	12/16/2022	Cash	29,512	0.001%
Put Option	12/16/2022	Cash	29,434	0.001%
Call Option	6/28/2024	Cash	29,417	0.001%
Call Option	6/28/2024	Cash	29,417	0.001%
Call Option	6/28/2024	Cash	29,417	0.001%
Call Option	6/21/2024	Cash	29,376	0.001%
Put Option	12/19/2025	Cash	29,158	0.001%
Call Option	12/15/2023	Cash	29,135	0.001%
Call Option	12/21/2026	Cash	29,118	0.001%
Put Option	12/15/2023	Cash	29,031	0.001%
Put Option	12/15/2023	Cash	29,031	0.001%
Call Option	12/15/2023	Cash	29,024	0.001%
Put Option	12/15/2023	Cash	28,992	0.001%
Put Option	12/16/2022	Cash	28,971	0.001%
Call Option	7/16/2024	Cash	28,937	0.001%
Call Option	7/16/2024	Cash	28,937	0.001%
Call Option	7/16/2024	Cash	28,937	0.001%
Call Option	2/17/2023	Cash	28,838	0.001%
Call Option	12/16/2022	Cash	28,741	0.001%
Put Option	12/15/2028	Cash	28,737	0.001%
Put Option	12/19/2025	Cash	28,711	0.001%
Call Option	12/19/2022	Cash	28,703	0.001%
Call Option	12/19/2022	Cash	28,703	0.001%
Call Option	12/19/2022	Cash	28,703	0.001%
Call Option	9/26/2023	Cash	28,656	0.001%
Call Option	9/26/2023	Cash	28,656	0.001%
Call Option	9/26/2023	Cash	28,656	0.001%
Call Option	12/16/2022	Cash	28,619	0.001%
Put Option	12/15/2023	Cash	28,597	0.001%
Forward	12/16/2022	Cash	28,591	0.001%
Call Option	12/15/2023	Cash	28,537	0.001%
Call Option	8/30/2024	Cash	28,506	0.001%
Call Option	8/30/2024	Cash	28,506	0.001%
Call Option	8/30/2024	Cash	28,506	0.001%
Call Option	12/19/2025	Cash	28,492	0.001%
Put Option	12/17/2027	Cash	28,487	0.001%

Put Option	12/20/2024	Cash	28,462	0.0005%
Put Option	12/15/2023	Cash	28,400	0.0005%
Forward	12/16/2022	Cash	28,325	0.0005%
Forward	12/16/2022	Cash	28,268	0.0005%
Forward	12/16/2022	Cash	28,268	0.0005%
Future	12/16/2022	Cash	28,170	0.0005%
Put Option	12/15/2023	Cash	28,146	0.0005%
Put Option	12/15/2023	Cash	28,113	0.0005%
Call Option	5/19/2023	Cash	28,106	0.0005%
Put Option	12/17/2027	Cash	27,994	0.0005%
Put Option	12/16/2022	Cash	27,959	0.0005%
Call Option	12/16/2022	Cash	27,792	0.0005%
Call Option	12/19/2025	Cash	27,792	0.0005%
Call Option	7/21/2023	Cash	27,778	0.0005%
Forward	12/16/2022	Cash	27,694	0.0005%
Forward	12/16/2022	Cash	27,658	0.0005%
Put Option	12/15/2023	Cash	27,619	0.0005%
Put Option	12/17/2027	Cash	27,366	0.0005%

Put Option	12/15/2028	Cash	27,286	0.0005%
Put Option	12/15/2023	Cash	27,278	0.0005%
Put Option	12/15/2023	Cash	27,181	0.0005%
Forward	12/16/2022	Cash	27,163	0.0005%
Put Option	12/20/2024	Cash	27,066	0.0005%
Forward	12/16/2022	Cash	27,034	0.0005%
Call Option	2/26/2027	Cash	27,032	0.0005%
Call Option	2/26/2027	Cash	27,032	0.0005%
Call Option	2/26/2027	Cash	27,032	0.0005%
Put Option	12/16/2022	Cash	27,007	0.0005%
Call Option	12/19/2025	Cash	26,987	0.0005%
Call Option	12/16/2022	Cash	26,958	0.0005%
Put Option	12/20/2024	Cash	26,943	0.0005%
Future	12/16/2022	Cash	26,914	0.0005%
Call Option	1/20/2025	Cash	26,836	0.0005%
Call Option	10/16/2025	Cash	26,818	0.0005%
Call Option	10/16/2025	Cash	26,818	0.0005%
Call Option	10/16/2025	Cash	26,818	0.0005%
Put Option	6/16/2023	Cash	26,759	0.0005%
Put Option	3/17/2023	Cash	26,704	0.0005%
Put Option	3/17/2023	Cash	26,669	0.0005%
Put Option	12/17/2027	Cash	26,600	0.0005%
Call Option	2/24/2027	Cash	26,543	0.0005%
Call Option	2/24/2027	Cash	26,543	0.0005%
Call Option	2/24/2027	Cash	26,543	0.0005%
Put Option	12/15/2023	Cash	26,513	0.0005%
Put Option	3/17/2023	Cash	26,376	0.0005%
Call Option	12/15/2023	Cash	26,291	0.0005%
Call Option	12/15/2023	Cash	26,044	0.0005%
Swap	11/15/2032	Cash	25,980	0.0005%
Call Option	5/30/2025	Cash	25,849	0.0005%
Call Option	5/30/2025	Cash	25,849	0.0005%
Call Option	5/30/2025	Cash	25,849	0.0005%
Forward	12/16/2022	Cash	25,829	0.0005%
Call Warrant	12/31/2030	cash	25,799	0.0005%
Put Option	12/22/2022	Cash	25,789	0.0005%
Call Option	8/30/2024	Cash	25,762	0.0005%
Call Option	8/30/2024	Cash	25,762	0.0005%
Call Option	8/30/2024	Cash	25,762	0.0005%
Put Option	5/19/2023	Cash	25,729	0.0005%
Call Option	8/4/2023	Cash	25,576	0.0004%
Put Option	12/20/2024	Cash	25,418	0.0004%
Call Option	12/16/2022	Cash	25,394	0.0004%
Put Option	12/15/2028	Cash	25,375	0.0004%
Call Option	6/16/2023	Cash	25,296	0.0004%
Put Option	12/18/2026	Cash	25,282	0.0004%
Put Option	12/18/2026	Cash	25,256	0.0004%
Future	12/16/2022	Cash	25,088	0.0004%
Forward	12/16/2022	Cash	25,012	0.0004%
Put Option	12/16/2022	Cash	24,939	0.0004%
Put Option	12/20/2024	Cash	24,927	0.0004%
Call Option	12/16/2022	Cash	24,918	0.0004%
Put Option	12/15/2028	Cash	24,823	0.0004%
Put Option	12/15/2028	Cash	24,823	0.0004%
Put Option	12/18/2026	Cash	24,815	0.0004%
Put Option	12/15/2028	Cash	24,804	0.0004%
Call Option	12/20/2024	Cash	24,760	0.0004%
Forward	12/16/2022	Cash	24,667	0.0004%
Put Option	12/20/2024	Cash	24,656	0.0004%
Put Option	12/17/2027	Cash	24,623	0.0004%
Call Option	1/26/2028	Cash	24,592	0.0004%
Call Option	1/26/2028	Cash	24,592	0.0004%
Call Option	12/18/2026	Cash	24,527	0.0004%
Forward	12/16/2022	Cash	24,495	0.0004%
Put Option	6/16/2023	Cash	24,428	0.0004%
Forward	12/16/2022	Cash	24,373	0.0004%
Put Option	12/16/2022	Cash	24,364	0.0004%
Put Option	12/16/2022	Cash	24,364	0.0004%
Put Option	12/15/2023	Cash	24,356	0.0004%
Put Option	12/15/2023	Cash	24,333	0.0004%
Put Option	12/15/2023	Cash	24,333	0.0004%
Forward	12/16/2022	Cash	24,323	0.0004%
Put Option	12/19/2025	Cash	24,275	0.0004%

Put Option	12/16/2022	Cash	24,271	0.0004%
Put Option	12/16/2022	Cash	24,240	0.0004%
Call Option	12/20/2024	Cash	24,228	0.0004%
Call Option	11/29/2024	Cash	24,214	0.0004%
Future	12/16/2022	Cash	24,156	0.0004%
Put Option	12/16/2022	Cash	24,136	0.0004%
Call Option	6/21/2024	Cash	24,111	0.0004%
Forward	12/16/2022	Cash	23,993	0.0004%
Put Option	12/20/2024	Cash	23,987	0.0004%
Call Option	12/16/2022	Cash	23,975	0.0004%
Put Option	12/16/2022	Cash	23,966	0.0004%
Put Option	12/16/2022	Cash	23,965	0.0004%
Future	6/16/2023	Cash	23,846	0.0004%
Call Option	2/17/2023	Cash	23,808	0.0004%
Call Option	12/16/2022	Cash	23,737	0.0004%
Put Option	12/20/2024	Cash	23,714	0.0004%
Call Option	12/17/2027	Cash	23,708	0.0004%
Future	12/16/2022	Cash	23,654	0.0004%

Put Option	12/18/2026	Cash	23,565	0.0004%
Put Option	4/21/2023	Cash	23,498	0.0004%
Call Option	6/16/2023	Cash	23,491	0.0004%
Put Option	12/15/2023	Cash	23,422	0.0004%
Put Option	12/15/2023	Cash	23,344	0.0004%
Call Option	12/18/2026	Cash	23,283	0.0004%
Call Option	12/15/2023	Cash	23,181	0.0004%
Forward	12/16/2022	Cash	23,032	0.0004%
Put Option	9/15/2023	Cash	23,018	0.0004%
Call Option	6/21/2024	Cash	22,983	0.0004%
Call Option	1/2/2024	Cash	22,919	0.0004%
Call Option	1/2/2024	Cash	22,919	0.0004%
Call Option	1/2/2024	Cash	22,919	0.0004%
Put Option	12/16/2022	Cash	22,907	0.0004%
Call Warrant	12/16/2022	cash	22,900	0.0004%
Call Option	12/15/2023	Cash	22,881	0.0004%
Put Option	12/20/2024	Cash	22,770	0.0004%
Call Option	12/16/2022	Cash	22,589	0.0004%
Call Option	12/16/2022	Cash	22,589	0.0004%
Call Option	12/16/2022	Cash	22,563	0.0004%
Put Option	12/18/2026	Cash	22,445	0.0004%
Call Option	12/16/2022	Cash	22,433	0.0004%
Call Option	12/16/2022	Cash	22,364	0.0004%
Put Option	12/20/2024	Cash	22,292	0.0004%
Put Option	12/15/2023	Cash	22,285	0.0004%
Put Option	6/21/2024	Cash	22,266	0.0004%
Put Option	12/15/2023	Cash	22,128	0.0004%
Put Option	12/18/2026	Cash	22,102	0.0004%
Call Option	7/26/2028	Cash	22,069	0.0004%
Call Option	7/26/2028	Cash	22,069	0.0004%
Call Option	7/26/2028	Cash	22,069	0.0004%
Put Option	12/17/2027	Cash	22,066	0.0004%
Call Option	12/15/2023	Cash	22,052	0.0004%
Call Option	12/1/2025	Cash	22,026	0.0004%
Call Option	12/1/2025	Cash	22,026	0.0004%
Call Option	12/1/2025	Cash	22,013	0.0004%
Call Option	12/16/2022	Cash	21,992	0.0004%
Call Option	2/17/2023	Cash	21,943	0.0004%
Call Option	12/15/2023	Cash	21,922	0.0004%
Put Option	2/17/2023	Cash	21,902	0.0004%
Call Option	12/15/2023	Cash	21,733	0.0004%
Call Option	12/16/2022	Cash	21,712	0.0004%
Forward	12/16/2022	Cash	21,655	0.0004%
Call Option	12/15/2023	Cash	21,626	0.0004%
Call Option	1/2/2023	Cash	21,613	0.0004%
Call Option	1/2/2023	Cash	21,613	0.0004%
Call Option	1/2/2023	Cash	21,613	0.0004%
Call Option	3/17/2023	Cash	21,611	0.0004%
Call Option	3/17/2023	Cash	21,579	0.0004%
Put Option	12/15/2028	Cash	21,565	0.0004%
Put Option	12/20/2024	Cash	21,466	0.0004%
Put Option	12/15/2028	Cash	21,386	0.0004%
Put Option	12/16/2022	Cash	21,276	0.0004%
Put Option	4/21/2023	Cash	21,246	0.0004%
Call Option	2/14/2025	Cash	21,211	0.0004%
Call Option	2/14/2025	Cash	21,211	0.0004%
Call Option	2/14/2025	Cash	21,211	0.0004%
Forward	12/16/2022	Cash	21,203	0.0004%
Call Option	1/31/2024	Cash	21,036	0.0004%
Call Option	1/31/2024	Cash	21,036	0.0004%
Call Option	1/31/2024	Cash	21,036	0.0004%
Call Option	12/15/2028	Cash	21,022	0.0004%
Call Option	10/31/2024	Cash	20,953	0.0004%
Call Option	10/31/2024	Cash	20,953	0.0004%
Call Option	10/31/2024	Cash	20,953	0.0004%
Future	12/16/2022	Cash	20,787	0.0004%
Forward	12/16/2022	Cash	20,744	0.0004%
Put Option	12/16/2022	Cash	20,698	0.0004%
Put Option	12/20/2024	Cash	20,577	0.0004%
Put Option	6/21/2024	Cash	20,527	0.0004%
Put Option	6/16/2023	Cash	20,466	0.0004%
Call Option	12/16/2022	Cash	20,400	0.0004%
Put Option	12/16/2022	Cash	20,340	0.0004%

Call Option	12/16/2022	Cash	20,307	0.0004%
Call Option	12/20/2030	Cash	20,217	0.0004%
Put Option	12/17/2027	Cash	20,214	0.0004%
Call Option	12/16/2022	Cash	20,140	0.0004%
Call Option	12/15/2023	Cash	20,133	0.0004%
Put Option	12/15/2023	Cash	20,126	0.0004%
Call Option	12/16/2022	Cash	20,096	0.0004%
Put Option	12/16/2022	Cash	20,090	0.0004%
Call Option	1/20/2023	Cash	20,087	0.0004%
Future	12/16/2022	Cash	20,070	0.0004%
Call Option	2/6/2023	Cash	20,036	0.0004%
Call Warrant	12/31/2030	cash	20,000	0.0004%
Put Option	12/15/2023	Cash	19,989	0.0004%
Call Option	12/15/2023	Cash	19,976	0.0004%
Put Option	12/16/2022	Cash	19,971	0.0004%
Put Option	3/17/2023	Cash	19,970	0.0004%
Call Option	12/18/2026	Cash	19,958	0.0004%
Call Option	11/13/2025	Cash	19,906	0.0003%

Call Option	11/13/2025	Cash	19,906	0.0003%
Call Option	11/13/2025	Cash	19,906	0.0003%
Put Option	12/20/2024	Cash	19,869	0.0003%
Put Option	12/15/2028	Cash	19,801	0.0003%
Call Option	3/31/2027	Cash	19,780	0.0003%
Call Option	3/31/2027	Cash	19,780	0.0003%
Call Option	3/31/2027	Cash	19,780	0.0003%
Future	12/15/2023	Cash	19,763	0.0003%
Call Option	12/20/2024	Cash	19,716	0.0003%
Put Option	12/15/2028	Cash	19,678	0.0003%
Call Option	12/15/2023	Cash	19,636	0.0003%
Call Option	12/16/2022	Cash	19,611	0.0003%
Forward	12/16/2022	Cash	19,582	0.0003%
Put Option	12/21/2029	Cash	19,532	0.0003%
Forward	12/16/2022	Cash	19,517	0.0003%
Call Option	12/16/2022	Cash	19,494	0.0003%
Call Option	12/16/2022	Cash	19,464	0.0003%
Call Option	6/16/2023	Cash	19,418	0.0003%
Put Option	12/15/2023	Cash	19,417	0.0003%
Call Option	2/19/2026	Cash	19,388	0.0003%
Call Option	2/19/2026	Cash	19,388	0.0003%
Call Option	2/19/2026	Cash	19,388	0.0003%
Forward	12/16/2022	Cash	19,359	0.0003%
Call Option	6/16/2023	Cash	19,279	0.0003%
Put Option	12/15/2023	Cash	19,276	0.0003%
Call Option	12/19/2025	Cash	19,276	0.0003%
Call Option	12/9/2024	Cash	19,267	0.0003%
Call Option	12/9/2024	Cash	19,267	0.0003%
Call Option	12/9/2024	Cash	19,267	0.0003%
Call Option	8/5/2024	Cash	19,263	0.0003%
Call Option	6/16/2023	Cash	19,228	0.0003%
Call Option	6/28/2024	Cash	19,182	0.0003%
Call Option	6/28/2024	Cash	19,182	0.0003%
Call Option	6/28/2024	Cash	19,182	0.0003%
Swap	3/2/2023	Cash	19,170	0.0003%
Put Option	12/19/2025	Cash	19,141	0.0003%
Swap	5/4/2027	Cash	19,075	0.0003%
Call Option	12/16/2022	Cash	19,072	0.0003%
Put Option	12/16/2022	Cash	18,964	0.0003%
Forward	12/16/2022	Cash	18,936	0.0003%
Call Option	12/16/2022	Cash	18,878	0.0003%
Call Option	1/20/2025	Cash	18,874	0.0003%
Call Option	1/22/2025	Cash	18,863	0.0003%
Call Option	1/22/2025	Cash	18,863	0.0003%
Put Option	10/18/2023	Cash	18,829	0.0003%
Put Option	12/16/2022	Cash	18,823	0.0003%
Call Option	12/16/2022	Cash	18,806	0.0003%
Put Option	6/16/2023	Cash	18,742	0.0003%
Put Option	12/15/2023	Cash	18,711	0.0003%
Call Option	12/15/2023	Cash	18,697	0.0003%
Call Option	2/11/2025	Cash	18,637	0.0003%
Call Option	2/11/2025	Cash	18,637	0.0003%
Call Option	2/11/2025	Cash	18,637	0.0003%
Put Option	9/15/2023	Cash	18,606	0.0003%
Put Option	12/16/2022	Cash	18,585	0.0003%
Put Option	6/16/2023	Cash	18,525	0.0003%
Call Option	12/15/2028	Cash	18,502	0.0003%
Future	12/16/2022	Cash	18,422	0.0003%
Call Option	1/20/2023	Cash	18,418	0.0003%
Put Option	12/20/2024	Cash	18,382	0.0003%
Call Option	12/16/2022	Cash	18,373	0.0003%
Call Option	3/30/2026	Cash	18,368	0.0003%
Call Option	3/30/2026	Cash	18,368	0.0003%
Call Option	3/30/2026	Cash	18,368	0.0003%
Call Option	4/21/2023	Cash	18,322	0.0003%
Forward	12/8/2022	Cash	18,275	0.0003%
Forward	12/16/2022	Cash	18,262	0.0003%
Call Option	12/20/2024	Cash	18,217	0.0003%
Put Option	12/19/2025	Cash	18,206	0.0003%
Put Option	12/15/2023	Cash	18,000	0.0003%
Put Option	12/15/2023	Cash	17,990	0.0003%
Put Option	12/15/2023	Cash	17,990	0.0003%
Call Option	12/16/2022	Cash	17,976	0.0003%

Forward	12/16/2022	Cash	17,968	0.0003%
Swap	7/29/2025	Cash	17,908	0.0003%
Forward	3/17/2023	Cash	17,907	0.0003%
Call Option	12/16/2022	Cash	17,889	0.0003%
Call Option	12/16/2022	Cash	17,835	0.0003%
Forward	12/16/2022	Cash	17,724	0.0003%
Call Option	12/15/2028	Cash	17,718	0.0003%
Call Option	12/16/2022	Cash	17,645	0.0003%
Put Option	6/16/2023	Cash	17,632	0.0003%
Call Option	4/21/2023	Cash	17,576	0.0003%
Swap	11/22/2032	Cash	17,554	0.0003%
Call Option	9/15/2023	Cash	17,466	0.0003%
Call Option	12/16/2022	Cash	17,453	0.0003%
Call Option	12/17/2027	Cash	17,440	0.0003%
Put Option	12/15/2023	Cash	17,437	0.0003%
Put Option	12/15/2023	Cash	17,398	0.0003%
Forward	12/16/2022	Cash	17,358	0.0003%
Put Option	12/15/2023	Cash	17,352	0.0003%

Put Option	6/16/2023	Cash	17,348	0.0003%
Call Option	6/22/2023	Cash	17,319	0.0003%
Forward	12/16/2022	Cash	17,294	0.0003%
Put Option	12/15/2023	Cash	17,199	0.0003%
Put Option	6/21/2024	Cash	17,179	0.0003%
Put Option	3/17/2023	Cash	17,100	0.0003%
Put Option	12/19/2025	Cash	17,085	0.0003%
Put Option	12/19/2025	Cash	17,037	0.0003%
Put Option	12/15/2023	Cash	16,942	0.0003%
Put Option	12/15/2023	Cash	16,918	0.0003%
Put Option	12/16/2022	Cash	16,896	0.0003%
Call Option	12/15/2023	Cash	16,893	0.0003%
Put Option	12/20/2024	Cash	16,809	0.0003%
Forward	12/16/2022	Cash	16,784	0.0003%
Call Option	12/16/2022	Cash	16,740	0.0003%
Call Option	12/15/2023	Cash	16,649	0.0003%
Put Option	12/16/2022	Cash	16,589	0.0003%
Call Option	12/15/2023	Cash	16,584	0.0003%
Call Option	12/20/2030	Cash	16,583	0.0003%
Forward	12/16/2022	Cash	16,569	0.0003%
Forward	12/16/2022	Cash	16,562	0.0003%
Forward	12/16/2022	Cash	16,540	0.0003%
Call Option	12/16/2022	Cash	16,494	0.0003%
Call Option	12/16/2022	Cash	16,442	0.0003%
Call Option	12/15/2023	Cash	16,429	0.0003%
Call Option	1/14/2032	Cash	16,402	0.0003%
Call Option	1/14/2032	Cash	16,402	0.0003%
Call Option	1/14/2032	Cash	16,402	0.0003%
Call Option	12/16/2022	Cash	16,370	0.0003%
Put Option	6/21/2024	Cash	16,367	0.0003%
Call Option	12/20/2024	Cash	16,339	0.0003%
Call Option	3/1/2027	Cash	16,325	0.0003%
Call Option	3/1/2027	Cash	16,325	0.0003%
Call Option	3/1/2027	Cash	16,325	0.0003%
Put Option	12/16/2022	Cash	16,290	0.0003%
Put Option	12/21/2029	Cash	16,272	0.0003%
Forward	12/16/2022	Cash	16,261	0.0003%
Put Option	12/18/2026	Cash	16,167	0.0003%
Call Option	12/16/2022	Cash	16,155	0.0003%
Call Option	12/20/2024	Cash	16,102	0.0003%
Put Option	12/16/2022	Cash	16,090	0.0003%
Put Option	12/17/2027	Cash	16,005	0.0003%
Call Warrant	12/31/2030	cash	16,000	0.0003%
Swap	11/22/2032	Cash	15,996	0.0003%
Call Option	12/16/2022	Cash	15,967	0.0003%
Put Option	12/16/2022	Cash	15,934	0.0003%
Call Option	1/26/2023	Cash	15,824	0.0003%
Put Option	6/21/2024	Cash	15,809	0.0003%
Swap	10/11/2032	Cash	15,803	0.0003%
Forward	12/16/2022	Cash	15,794	0.0003%
Call Option	12/20/2024	Cash	15,773	0.0003%
Put Option	12/16/2022	Cash	15,736	0.0003%
Put Option	3/17/2023	Cash	15,725	0.0003%
Call Option	12/18/2026	Cash	15,699	0.0003%
Put Option	7/21/2023	Cash	15,665	0.0003%
Call Option	6/16/2023	Cash	15,661	0.0003%
Future	12/16/2022	Cash	15,646	0.0003%
Call Option	10/19/2023	Cash	15,644	0.0003%
Call Option	4/21/2023	Cash	15,632	0.0003%
Forward	12/16/2022	Cash	15,608	0.0003%
Put Option	12/16/2022	Cash	15,587	0.0003%
Forward	12/16/2022	Cash	15,586	0.0003%
Put Option	12/16/2022	Cash	15,549	0.0003%
Put Option	12/16/2022	Cash	15,541	0.0003%
Put Option	3/17/2023	Cash	15,532	0.0003%
Call Option	12/16/2022	Cash	15,519	0.0003%
Call Option	12/16/2022	Cash	15,476	0.0003%
Put Option	12/17/2027	Cash	15,423	0.0003%
Call Option	1/31/2025	Cash	15,394	0.0003%
Call Option	1/31/2025	Cash	15,394	0.0003%
Call Option	1/31/2025	Cash	15,394	0.0003%
Call Option	11/30/2023	Cash	15,388	0.0003%
Put Option	12/19/2025	Cash	15,375	0.0003%

Call Option	12/16/2022	Cash	15,362	0.0003%
Call Option	5/30/2025	Cash	15,343	0.0003%
Call Option	5/30/2025	Cash	15,343	0.0003%
Call Option	5/30/2025	Cash	15,343	0.0003%
Call Option	4/30/2024	Cash	15,342	0.0003%
Call Option	4/30/2024	Cash	15,342	0.0003%
Call Option	4/30/2024	Cash	15,342	0.0003%
Call Option	12/16/2022	Cash	15,321	0.0003%
Call Option	12/15/2023	Cash	15,243	0.0003%
Put Option	12/19/2025	Cash	15,208	0.0003%
Forward	12/16/2022	Cash	15,206	0.0003%
Call Option	12/20/2024	Cash	15,163	0.0003%
Call Option	12/4/2023	Cash	15,161	0.0003%
Call Option	12/4/2023	Cash	15,161	0.0003%
Call Option	12/4/2023	Cash	15,161	0.0003%
Call Option	12/16/2022	Cash	15,144	0.0003%
Put Option	12/20/2024	Cash	15,127	0.0003%
Call Option	12/20/2024	Cash	15,126	0.0003%

Call Option	7/28/2027	Cash	15,125	0.0003%
Call Option	7/28/2027	Cash	15,125	0.0003%
Call Option	7/28/2027	Cash	15,125	0.0003%
Call Option	12/15/2023	Cash	15,097	0.0003%
Put Option	12/20/2024	Cash	15,094	0.0003%
Call Option	11/24/2026	Cash	15,013	0.0003%
Call Warrant	12/31/2030	cash	15,000	0.0003%
Call Option	3/31/2028	Cash	14,976	0.0003%
Call Option	3/31/2028	Cash	14,976	0.0003%
Call Option	3/31/2028	Cash	14,976	0.0003%
Call Option	12/27/2024	Cash	14,939	0.0003%
Call Option	12/27/2024	Cash	14,939	0.0003%
Call Option	12/27/2024	Cash	14,939	0.0003%
Forward	12/16/2022	Cash	14,919	0.0003%
Call Option	7/26/2023	Cash	14,907	0.0003%
Call Option	7/26/2023	Cash	14,907	0.0003%
Call Option	7/26/2023	Cash	14,907	0.0003%
Swap	10/20/2032	Cash	14,896	0.0003%
Put Option	12/17/2027	Cash	14,872	0.0003%
Put Option	12/15/2028	Cash	14,841	0.0003%
Call Option	2/8/2023	Cash	14,839	0.0003%
Call Option	2/8/2023	Cash	14,839	0.0003%
Call Option	2/8/2023	Cash	14,839	0.0003%
Put Option	12/15/2023	Cash	14,826	0.0003%
Put Option	4/21/2023	Cash	14,786	0.0003%
Put Option	12/16/2022	Cash	14,717	0.0003%
Call Option	12/16/2022	Cash	14,686	0.0003%
Call Option	2/6/2023	Cash	14,641	0.0003%
Call Option	12/16/2022	Cash	14,640	0.0003%
Put Option	5/19/2023	Cash	14,607	0.0003%
Put Option	12/19/2025	Cash	14,595	0.0003%
Call Option	2/17/2023	Cash	14,504	0.0003%
Call Option	12/20/2024	Cash	14,498	0.0003%
Put Option	12/15/2023	Cash	14,497	0.0003%
Put Option	12/15/2023	Cash	14,483	0.0003%
Call Option	6/16/2023	Cash	14,475	0.0003%
Put Option	12/17/2027	Cash	14,473	0.0003%
Future	12/17/2026	Cash	14,439	0.0003%
Call Option	12/20/2024	Cash	14,399	0.0003%
Future	12/16/2022	Cash	14,336	0.0003%
Future	12/16/2022	Cash	14,336	0.0003%
Future	12/16/2022	Cash	14,335	0.0003%
Put Option	12/18/2026	Cash	14,322	0.0003%
Put Option	3/17/2023	Cash	14,225	0.0002%
Put Option	12/20/2024	Cash	14,217	0.0002%
Put Option	2/17/2023	Cash	14,212	0.0002%
Put Option	3/17/2023	Cash	14,209	0.0002%
Put Option	3/17/2023	Cash	14,206	0.0002%
Call Option	3/22/2024	Cash	14,192	0.0002%
Call Option	12/18/2026	Cash	14,172	0.0002%
Call Option	12/27/2023	Cash	14,168	0.0002%
Call Option	12/27/2023	Cash	14,168	0.0002%
Call Option	12/27/2023	Cash	14,168	0.0002%
Call Option	6/21/2024	Cash	14,061	0.0002%
Put Option	12/15/2028	Cash	14,057	0.0002%
Call Option	12/16/2022	Cash	14,019	0.0002%
Swap	11/15/2032	Cash	13,946	0.0002%
Call Option	12/16/2022	Cash	13,928	0.0002%
Call Option	7/31/2025	Cash	13,888	0.0002%
Call Option	7/31/2025	Cash	13,888	0.0002%
Call Option	7/31/2025	Cash	13,888	0.0002%
Put Option	12/20/2024	Cash	13,853	0.0002%
Forward	12/16/2022	Cash	13,829	0.0002%
Call Option	12/16/2022	Cash	13,707	0.0002%
Call Option	12/15/2023	Cash	13,695	0.0002%
Put Option	6/16/2023	Cash	13,689	0.0002%
Call Option	9/30/2024	Cash	13,654	0.0002%
Call Option	9/30/2024	Cash	13,654	0.0002%
Call Option	9/30/2024	Cash	13,654	0.0002%
Call Option	12/16/2022	Cash	13,627	0.0002%
Put Option	12/15/2023	Cash	13,570	0.0002%
Put Option	12/20/2024	Cash	13,566	0.0002%
Call Option	8/19/2024	Cash	13,506	0.0002%

Put Option	12/19/2025	Cash	13,251	0.0002%
Put Option	12/16/2022	Cash	13,247	0.0002%
Forward	12/16/2022	Cash	13,219	0.0002%
Call Option	12/16/2022	Cash	13,207	0.0002%
Call Option	12/15/2023	Cash	13,197	0.0002%
Put Option	1/20/2023	Cash	13,115	0.0002%
Call Option	12/16/2022	Cash	13,065	0.0002%
Put Option	12/18/2026	Cash	13,049	0.0002%
Call Option	12/16/2022	Cash	13,040	0.0002%
Call Option	12/16/2022	Cash	13,037	0.0002%
Call Option	3/28/2023	Cash	13,036	0.0002%
Call Warrant	12/16/2022	cash	13,000	0.0002%
Put Option	12/18/2026	Cash	12,979	0.0002%
Call Option	2/23/2023	Cash	12,977	0.0002%
Call Option	2/23/2023	Cash	12,977	0.0002%
Call Option	2/23/2023	Cash	12,977	0.0002%
Swap	5/22/2023	Cash	12,951	0.0002%
Call Option	12/16/2022	Cash	12,901	0.0002%
Put Option	5/19/2023	Cash	12,865	0.0002%
Forward	12/16/2022	Cash	12,825	0.0002%
Put Option	12/18/2026	Cash	12,815	0.0002%
Call Option	12/19/2025	Cash	12,738	0.0002%
Call Option	12/16/2022	Cash	12,715	0.0002%
Put Option	12/18/2026	Cash	12,641	0.0002%
Future	12/16/2022	Cash	12,614	0.0002%
Forward	12/16/2022	Cash	12,552	0.0002%
Call Option	1/31/2028	Cash	12,548	0.0002%
Call Option	1/31/2028	Cash	12,548	0.0002%
Call Option	1/31/2028	Cash	12,548	0.0002%
Forward	12/16/2022	Cash	12,545	0.0002%
Put Option	12/15/2028	Cash	12,451	0.0002%
Call Option	12/6/2023	Cash	12,428	0.0002%
Call Option	12/6/2023	Cash	12,428	0.0002%
Call Option	12/6/2023	Cash	12,428	0.0002%
Call Option	2/28/2025	Cash	12,372	0.0002%
Call Option	2/28/2025	Cash	12,372	0.0002%
Call Option	2/28/2025	Cash	12,356	0.0002%
Put Option	6/21/2024	Cash	12,355	0.0002%
Call Option	12/20/2024	Cash	12,353	0.0002%
Put Option	12/16/2022	Cash	12,349	0.0002%
Put Option	12/20/2024	Cash	12,324	0.0002%
Put Option	9/15/2023	Cash	12,293	0.0002%
Put Option	6/21/2024	Cash	12,278	0.0002%
Put Option	6/16/2023	Cash	12,243	0.0002%
Call Option	12/15/2023	Cash	12,231	0.0002%
Call Option	5/30/2025	Cash	12,216	0.0002%
Call Option	5/30/2025	Cash	12,216	0.0002%
Call Option	5/30/2025	Cash	12,216	0.0002%
Call Option	12/20/2024	Cash	12,178	0.0002%
Call Option	12/20/2024	Cash	12,178	0.0002%
Call Option	1/27/2027	Cash	12,169	0.0002%
Call Option	1/27/2027	Cash	12,169	0.0002%
Call Option	1/27/2027	Cash	12,169	0.0002%
Put Option	12/19/2025	Cash	12,137	0.0002%
Future	12/16/2022	Cash	12,100	0.0002%
Call Option	12/16/2022	Cash	12,057	0.0002%
Swap	10/31/2023	Cash	12,056	0.0002%
Call Option	12/16/2022	Cash	12,048	0.0002%
Put Option	12/18/2026	Cash	12,047	0.0002%
Future	12/16/2022	Cash	11,927	0.0002%
Swap	2/28/2023	Cash	11,924	0.0002%
Call Option	12/17/2025	Cash	11,923	0.0002%
Call Option	12/17/2025	Cash	11,923	0.0002%
Call Option	12/17/2025	Cash	11,923	0.0002%
Put Option	12/17/2027	Cash	11,905	0.0002%
Put Option	12/19/2025	Cash	11,856	0.0002%
Call Option	8/28/2024	Cash	11,846	0.0002%
Call Option	8/30/2024	Cash	11,827	0.0002%
Call Option	8/30/2024	Cash	11,827	0.0002%
Future	12/16/2022	Cash	11,799	0.0002%
Forward	12/16/2022	Cash	11,771	0.0002%
Forward	12/16/2022	Cash	11,763	0.0002%
Call Option	6/16/2023	Cash	11,751	0.0002%

Put Option	12/16/2022	Cash	11,723	0.0002%
Call Option	3/11/2024	Cash	11,722	0.0002%
Call Option	3/11/2024	Cash	11,722	0.0002%
Call Option	3/11/2024	Cash	11,722	0.0002%
Forward	12/16/2022	Cash	11,713	0.0002%
Forward	12/16/2022	Cash	11,713	0.0002%
Put Option	9/15/2023	Cash	11,633	0.0002%
Put Option	12/17/2027	Cash	11,615	0.0002%
Put Option	12/20/2024	Cash	11,577	0.0002%
Put Option	9/15/2023	Cash	11,557	0.0002%
Forward	12/16/2022	Cash	11,541	0.0002%
Put Option	12/15/2028	Cash	11,537	0.0002%
Call Option	12/20/2024	Cash	11,520	0.0002%
Put Option	12/15/2023	Cash	11,509	0.0002%
Call Option	12/15/2028	Cash	11,475	0.0002%
Future	12/16/2022	Cash	11,469	0.0002%
Future	12/16/2022	Cash	11,469	0.0002%
Call Option	12/16/2022	Cash	11,446	0.0002%

Call Option	8/3/2023	Cash	11,433	0.0002%
Call Option	1/15/2024	Cash	11,397	0.0002%
Call Option	1/15/2024	Cash	11,397	0.0002%
Call Option	1/15/2024	Cash	11,397	0.0002%
Put Option	12/15/2023	Cash	11,396	0.0002%
Call Option	1/6/2025	Cash	11,382	0.0002%
Call Option	1/6/2025	Cash	11,382	0.0002%
Call Option	1/6/2025	Cash	11,382	0.0002%
Call Option	12/15/2028	Cash	11,359	0.0002%
Forward	12/16/2022	Cash	11,333	0.0002%
Put Option	12/17/2027	Cash	11,320	0.0002%
Call Option	3/13/2023	Cash	11,317	0.0002%
Swap	10/31/2023	Cash	11,260	0.0002%
Put Option	12/16/2022	Cash	11,191	0.0002%
Forward	12/16/2022	Cash	11,190	0.0002%
Put Option	12/18/2026	Cash	11,147	0.0002%
Put Option	12/15/2023	Cash	11,107	0.0002%
Call Option	6/16/2023	Cash	11,103	0.0002%
Call Option	12/1/2025	Cash	11,098	0.0002%
Put Option	12/16/2022	Cash	11,072	0.0002%
Put Option	12/16/2022	Cash	11,052	0.0002%
Call Option	4/29/2025	Cash	11,052	0.0002%
Call Warrant	3/17/2023	cash	11,000	0.0002%
Put Option	6/16/2023	Cash	10,970	0.0002%
Call Option	11/24/2026	Cash	10,933	0.0002%
Future	12/16/2022	Cash	10,915	0.0002%
Put Option	12/16/2022	Cash	10,906	0.0002%
Call Option	12/16/2022	Cash	10,853	0.0002%
Put Option	12/16/2022	Cash	10,824	0.0002%
Call Option	10/27/2026	Cash	10,824	0.0002%
Call Option	5/31/2024	Cash	10,816	0.0002%
Call Option	5/31/2024	Cash	10,816	0.0002%
Call Option	5/31/2024	Cash	10,816	0.0002%
Forward	12/16/2022	Cash	10,788	0.0002%
Put Option	12/19/2025	Cash	10,775	0.0002%
Swap	11/10/2032	Cash	10,770	0.0002%
Call Option	7/31/2024	Cash	10,740	0.0002%
Call Option	7/31/2024	Cash	10,740	0.0002%
Call Option	7/31/2024	Cash	10,740	0.0002%
Call Option	12/18/2026	Cash	10,739	0.0002%
Forward	12/16/2022	Cash	10,738	0.0002%
Call Option	12/16/2022	Cash	10,687	0.0002%
Put Option	12/19/2025	Cash	10,675	0.0002%
Put Option	12/19/2025	Cash	10,675	0.0002%
Forward	12/16/2022	Cash	10,673	0.0002%
Call Option	12/15/2023	Cash	10,661	0.0002%
Call Option	12/15/2023	Cash	10,660	0.0002%
Put Option	12/16/2022	Cash	10,656	0.0002%
Call Option	12/16/2022	Cash	10,648	0.0002%
Put Option	6/16/2023	Cash	10,633	0.0002%
Put Option	12/19/2025	Cash	10,630	0.0002%
Put Option	6/16/2023	Cash	10,531	0.0002%
Forward	12/16/2022	Cash	10,530	0.0002%
Put Option	6/21/2024	Cash	10,517	0.0002%
Call Option	7/31/2023	Cash	10,508	0.0002%
Call Option	7/31/2023	Cash	10,508	0.0002%
Call Option	7/31/2023	Cash	10,508	0.0002%
Forward	12/16/2022	Cash	10,487	0.0002%
Put Option	7/21/2023	Cash	10,471	0.0002%
Call Option	4/21/2023	Cash	10,421	0.0002%
Put Option	2/17/2023	Cash	10,372	0.0002%
Put Option	12/16/2022	Cash	10,346	0.0002%
Call Option	12/16/2022	Cash	10,319	0.0002%
Put Option	12/20/2024	Cash	10,297	0.0002%
Put Option	4/21/2023	Cash	10,273	0.0002%
Forward	6/16/2023	Cash	10,243	0.0002%
Call Option	2/17/2023	Cash	10,176	0.0002%
Call Option	1/22/2024	Cash	10,167	0.0002%
Forward	12/16/2022	Cash	10,164	0.0002%
Put Option	12/15/2023	Cash	10,151	0.0002%
Call Option	7/28/2025	Cash	10,120	0.0002%
Put Option	12/15/2023	Cash	10,111	0.0002%
Call Option	12/15/2023	Cash	10,069	0.0002%

Put Option	12/16/2022	Cash	10,032	0.0002%
Put Option	12/18/2026	Cash	10,015	0.0002%
Call Option	12/16/2022	Cash	10,014	0.0002%
Call Option	12/15/2023	Cash	10,005	0.0002%
Future	12/16/2022	Cash	9,956	0.0002%
Call Option	12/15/2023	Cash	9,918	0.0002%
Future	12/16/2022	Cash	9,892	0.0002%
Call Option	12/29/2023	Cash	9,890	0.0002%
Put Option	12/16/2022	Cash	9,887	0.0002%
Call Option	12/20/2024	Cash	9,833	0.0002%
Put Option	6/16/2023	Cash	9,828	0.0002%
Call Option	12/18/2023	Cash	9,827	0.0002%
Call Option	1/22/2024	Cash	9,826	0.0002%
Call Option	1/22/2024	Cash	9,826	0.0002%
Call Option	7/2/2024	Cash	9,824	0.0002%
Put Option	12/20/2030	Cash	9,823	0.0002%
Call Option	9/15/2023	Cash	9,787	0.0002%
Forward	12/16/2022	Cash	9,777	0.0002%

Forward	12/16/2022	Cash	9,769	0.0002%
Forward	12/16/2022	Cash	9,755	0.0002%
Call Option	6/16/2023	Cash	9,750	0.0002%
Put Option	12/15/2023	Cash	9,728	0.0002%
Put Option	12/18/2026	Cash	9,681	0.0002%
Put Option	12/15/2023	Cash	9,678	0.0002%
Call Option	4/30/2024	Cash	9,658	0.0002%
Call Option	4/30/2024	Cash	9,658	0.0002%
Call Option	4/30/2024	Cash	9,658	0.0002%
Call Option	12/15/2028	Cash	9,648	0.0002%
Call Option	12/15/2028	Cash	9,648	0.0002%
Call Option	1/22/2027	Cash	9,589	0.0002%
Call Option	1/22/2027	Cash	9,589	0.0002%
Call Option	1/22/2027	Cash	9,589	0.0002%
Put Option	12/16/2022	Cash	9,582	0.0002%
Call Option	2/17/2023	Cash	9,570	0.0002%
Call Option	6/16/2023	Cash	9,518	0.0002%
Put Option	12/18/2026	Cash	9,502	0.0002%
Call Option	12/16/2022	Cash	9,500	0.0002%
Put Option	12/17/2027	Cash	9,498	0.0002%
Put Option	12/15/2023	Cash	9,495	0.0002%
Call Option	12/16/2022	Cash	9,492	0.0002%
Put Option	12/15/2023	Cash	9,482	0.0002%
Put Option	6/16/2023	Cash	9,473	0.0002%
Future	12/16/2022	Cash	9,462	0.0002%
Call Option	4/2/2024	Cash	9,459	0.0002%
Call Option	4/2/2024	Cash	9,459	0.0002%
Call Option	4/2/2024	Cash	9,459	0.0002%
Call Option	9/11/2023	Cash	9,394	0.0002%
Call Option	9/11/2023	Cash	9,394	0.0002%
Call Option	9/11/2023	Cash	9,394	0.0002%
Swap	9/16/2027	Cash	9,369	0.0002%
Call Warrant	12/31/2030	cash	9,359	0.0002%
Call Option	7/31/2025	Cash	9,353	0.0002%
Call Option	7/31/2025	Cash	9,353	0.0002%
Call Option	7/31/2025	Cash	9,353	0.0002%
Put Option	12/15/2023	Cash	9,340	0.0002%
Forward	12/16/2022	Cash	9,339	0.0002%
Call Option	12/20/2024	Cash	9,275	0.0002%
Put Option	6/16/2023	Cash	9,196	0.0002%
Forward	12/16/2022	Cash	9,167	0.0002%
Put Option	6/16/2023	Cash	9,136	0.0002%
Call Option	12/18/2026	Cash	9,127	0.0002%
Put Option	6/21/2024	Cash	9,115	0.0002%
Put Option	12/20/2030	Cash	9,091	0.0002%
Forward	12/16/2022	Cash	9,081	0.0002%
Call Option	12/16/2022	Cash	9,067	0.0002%
Put Option	12/20/2024	Cash	9,065	0.0002%
Call Option	12/16/2022	Cash	9,062	0.0002%
Put Option	12/20/2024	Cash	9,056	0.0002%
Put Option	12/20/2024	Cash	9,056	0.0002%
Forward	12/16/2022	Cash	9,031	0.0002%
Call Warrant	12/31/2030	cash	9,000	0.0002%
Call Option	12/27/2022	Cash	8,984	0.0002%
Call Option	12/27/2022	Cash	8,984	0.0002%
Call Option	12/27/2022	Cash	8,984	0.0002%
Forward	12/16/2022	Cash	8,937	0.0002%
Call Option	8/31/2023	Cash	8,899	0.0002%
Call Option	8/31/2023	Cash	8,899	0.0002%
Call Option	8/31/2023	Cash	8,899	0.0002%
Forward	12/16/2022	Cash	8,894	0.0002%
Future	12/16/2022	Cash	8,817	0.0002%
Forward	12/16/2022	Cash	8,794	0.0002%
Call Option	12/15/2023	Cash	8,785	0.0002%
Forward	12/16/2022	Cash	8,772	0.0002%
Put Option	12/20/2024	Cash	8,771	0.0002%
Call Option	12/20/2024	Cash	8,764	0.0002%
Call Option	10/28/2024	Cash	8,711	0.0002%
Call Option	12/18/2026	Cash	8,707	0.0002%
Forward	12/16/2022	Cash	8,701	0.0002%
Call Option	1/24/2024	Cash	8,699	0.0002%
Call Option	1/24/2024	Cash	8,699	0.0002%
Call Option	1/24/2024	Cash	8,699	0.0002%

Put Option	3/17/2023	Cash	8,669	0.0002%
Put Option	12/16/2022	Cash	8,650	0.0002%
Forward	12/16/2022	Cash	8,600	0.0002%
Put Option	12/16/2022	Cash	8,592	0.0002%
Put Option	12/15/2028	Cash	8,589	0.0002%
Forward	12/16/2022	Cash	8,564	0.0002%
Call Option	12/20/2024	Cash	8,531	0.0001%
Forward	12/16/2022	Cash	8,464	0.0001%
Call Option	12/20/2030	Cash	8,463	0.0001%
Call Option	12/19/2025	Cash	8,459	0.0001%
Future	12/16/2022	Cash	8,458	0.0001%
Put Option	12/15/2023	Cash	8,448	0.0001%
Forward	12/16/2022	Cash	8,435	0.0001%
Put Option	12/16/2022	Cash	8,426	0.0001%
Call Option	12/16/2022	Cash	8,420	0.0001%
Call Option	7/29/2024	Cash	8,411	0.0001%
Call Option	7/29/2024	Cash	8,411	0.0001%
Call Option	7/29/2024	Cash	8,411	0.0001%

Call Option	12/16/2022	Cash	8,405	0.0001%
Call Option	7/8/2025	Cash	8,388	0.0001%
Call Option	7/8/2025	Cash	8,388	0.0001%
Call Option	7/8/2025	Cash	8,388	0.0001%
Call Option	12/20/2024	Cash	8,376	0.0001%
Call Option	1/24/2023	Cash	8,362	0.0001%
Call Option	1/24/2023	Cash	8,362	0.0001%
Call Option	1/24/2023	Cash	8,362	0.0001%
Put Option	9/15/2023	Cash	8,343	0.0001%
Put Option	12/18/2026	Cash	8,328	0.0001%
Call Option	12/23/2022	Cash	8,325	0.0001%
Future	12/16/2022	Cash	8,314	0.0001%
Put Option	2/17/2023	Cash	8,302	0.0001%
Swap	11/9/2032	Cash	8,288	0.0001%
Forward	12/16/2022	Cash	8,285	0.0001%
Put Option	12/18/2026	Cash	8,283	0.0001%
Call Option	11/19/2026	Cash	8,275	0.0001%
Call Option	12/20/2024	Cash	8,257	0.0001%
Call Option	4/30/2026	Cash	8,257	0.0001%
Call Option	4/30/2026	Cash	8,257	0.0001%
Call Option	4/30/2026	Cash	8,257	0.0001%
Put Option	12/15/2023	Cash	8,255	0.0001%
Future	12/16/2022	Cash	8,242	0.0001%
Call Option	12/15/2023	Cash	8,216	0.0001%
Put Option	12/19/2025	Cash	8,212	0.0001%
Put Option	12/20/2024	Cash	8,162	0.0001%
Put Option	2/2/2026	Cash	8,161	0.0001%
Put Option	12/16/2022	Cash	8,146	0.0001%
Call Option	7/2/2030	Cash	8,140	0.0001%
Call Option	7/2/2030	Cash	8,140	0.0001%
Put Option	12/20/2024	Cash	8,140	0.0001%
Put Option	12/15/2023	Cash	8,130	0.0001%
Call Option	6/27/2023	Cash	8,124	0.0001%
Put Option	4/21/2023	Cash	8,106	0.0001%
Call Option	12/16/2022	Cash	8,098	0.0001%
Forward	12/16/2022	Cash	8,084	0.0001%
Call Option	1/31/2029	Cash	8,077	0.0001%
Call Option	1/31/2029	Cash	8,077	0.0001%
Put Option	12/18/2026	Cash	8,061	0.0001%
Call Option	12/15/2023	Cash	8,052	0.0001%
Call Option	1/31/2029	Cash	8,033	0.0001%
Future	12/16/2022	Cash	8,028	0.0001%
Forward	12/16/2022	Cash	8,026	0.0001%
Call Option	4/30/2025	Cash	8,012	0.0001%
Call Option	4/30/2025	Cash	8,012	0.0001%
Call Option	4/30/2025	Cash	8,012	0.0001%
Put Option	3/17/2023	Cash	8,002	0.0001%
Put Option	12/20/2024	Cash	7,976	0.0001%
Put Option	6/16/2023	Cash	7,968	0.0001%
Put Option	6/16/2023	Cash	7,968	0.0001%
Call Option	6/16/2023	Cash	7,952	0.0001%
Put Option	12/19/2025	Cash	7,951	0.0001%
Call Option	12/16/2022	Cash	7,947	0.0001%
Call Option	12/20/2024	Cash	7,941	0.0001%
Call Option	3/31/2028	Cash	7,927	0.0001%
Call Option	3/31/2028	Cash	7,927	0.0001%
Call Option	3/31/2028	Cash	7,927	0.0001%
Put Option	12/16/2022	Cash	7,906	0.0001%
Call Option	4/15/2024	Cash	7,894	0.0001%
Call Option	4/15/2024	Cash	7,894	0.0001%
Call Option	4/15/2024	Cash	7,894	0.0001%
Call Option	8/27/2024	Cash	7,873	0.0001%
Call Option	8/27/2024	Cash	7,873	0.0001%
Call Option	8/27/2024	Cash	7,873	0.0001%
Put Option	12/16/2022	Cash	7,858	0.0001%
Put Option	12/20/2024	Cash	7,857	0.0001%
Put Option	12/18/2026	Cash	7,856	0.0001%
Call Option	12/18/2026	Cash	7,831	0.0001%
Put Option	1/20/2023	Cash	7,819	0.0001%
Put Option	12/18/2026	Cash	7,806	0.0001%
Put Option	12/16/2022	Cash	7,759	0.0001%
Call Option	12/29/2023	Cash	7,758	0.0001%
Call Option	2/24/2027	Cash	7,729	0.0001%

Call Option	2/24/2027	Cash	7,729	0.0001%
Call Option	2/24/2027	Cash	7,729	0.0001%
Call Option	12/18/2026	Cash	7,702	0.0001%
Call Option	2/18/2025	Cash	7,656	0.0001%
Call Option	2/18/2025	Cash	7,656	0.0001%
Call Option	2/18/2025	Cash	7,656	0.0001%
Put Option	12/15/2023	Cash	7,644	0.0001%
Put Option	12/15/2028	Cash	7,591	0.0001%
Call Option	12/16/2022	Cash	7,560	0.0001%
Put Option	12/15/2023	Cash	7,560	0.0001%
Call Option	12/16/2022	Cash	7,551	0.0001%
Call Option	1/20/2023	Cash	7,513	0.0001%
Call Option	12/18/2026	Cash	7,492	0.0001%
Call Option	12/15/2028	Cash	7,488	0.0001%
Call Option	12/16/2022	Cash	7,478	0.0001%
Call Option	12/15/2023	Cash	7,474	0.0001%
Future	12/16/2022	Cash	7,455	0.0001%
Call Option	12/15/2028	Cash	7,438	0.0001%

Put Option	12/15/2023	Cash	7,428	0.0001%
Put Option	2/9/2026	Cash	7,381	0.0001%
Put Option	12/15/2023	Cash	7,367	0.0001%
Swap	11/11/2032	Cash	7,361	0.0001%
Call Option	12/15/2023	Cash	7,343	0.0001%
Forward	12/16/2022	Cash	7,316	0.0001%
Call Option	8/7/2023	Cash	7,281	0.0001%
Call Option	8/7/2023	Cash	7,281	0.0001%
Call Option	12/16/2022	Cash	7,263	0.0001%
Put Option	12/15/2023	Cash	7,260	0.0001%
Call Option	12/17/2032	Cash	7,231	0.0001%
Put Option	1/20/2023	Cash	7,226	0.0001%
Put Option	9/15/2023	Cash	7,210	0.0001%
Swap	11/17/2032	Cash	7,206	0.0001%
Put Option	12/16/2022	Cash	7,181	0.0001%
Future	12/16/2022	Cash	7,168	0.0001%
Future	12/16/2022	Cash	7,167	0.0001%
Put Option	12/16/2022	Cash	7,112	0.0001%
Call Option	1/20/2023	Cash	7,085	0.0001%
Call Option	5/22/2025	Cash	7,052	0.0001%
Call Option	5/22/2025	Cash	7,052	0.0001%
Call Option	5/22/2025	Cash	7,052	0.0001%
Call Option	2/17/2023	Cash	7,052	0.0001%
Put Option	5/31/2024	Cash	7,046	0.0001%
Put Option	5/31/2024	Cash	7,046	0.0001%
Put Option	5/31/2024	Cash	7,046	0.0001%
Put Option	12/15/2023	Cash	7,027	0.0001%
Put Option	12/16/2022	Cash	7,025	0.0001%
Future	12/16/2022	Cash	7,025	0.0001%
Put Option	12/20/2024	Cash	7,022	0.0001%
Call Option	2/17/2023	Cash	7,018	0.0001%
Put Option	12/20/2024	Cash	7,018	0.0001%
Put Option	12/16/2022	Cash	6,978	0.0001%
Put Option	1/20/2023	Cash	6,966	0.0001%
Put Option	10/18/2023	Cash	6,939	0.0001%
Forward	12/16/2022	Cash	6,929	0.0001%
Call Option	6/16/2023	Cash	6,914	0.0001%
Put Option	12/20/2030	Cash	6,901	0.0001%
Forward	12/16/2022	Cash	6,893	0.0001%
Call Option	12/16/2022	Cash	6,875	0.0001%
Call Option	7/3/2023	Cash	6,846	0.0001%
Put Option	4/21/2023	Cash	6,832	0.0001%
Call Option	12/16/2022	Cash	6,826	0.0001%
Call Option	12/16/2022	Cash	6,823	0.0001%
Call Option	8/31/2023	Cash	6,812	0.0001%
Call Option	8/31/2023	Cash	6,812	0.0001%
Call Option	8/31/2023	Cash	6,812	0.0001%
Forward	12/16/2022	Cash	6,800	0.0001%
Call Option	12/15/2028	Cash	6,787	0.0001%
Put Option	12/20/2024	Cash	6,743	0.0001%
Call Option	12/16/2022	Cash	6,742	0.0001%
Put Option	12/20/2024	Cash	6,734	0.0001%
Put Option	6/21/2024	Cash	6,721	0.0001%
Put Option	12/16/2022	Cash	6,698	0.0001%
Put Option	12/15/2023	Cash	6,657	0.0001%
Put Option	1/20/2023	Cash	6,649	0.0001%
Swap	1/2/2024	Cash	6,617	0.0001%
Call Option	12/15/2023	Cash	6,582	0.0001%
Call Option	12/16/2022	Cash	6,562	0.0001%
Call Option	3/24/2023	Cash	6,560	0.0001%
Call Option	3/24/2023	Cash	6,560	0.0001%
Call Option	12/20/2024	Cash	6,553	0.0001%
Call Option	12/16/2022	Cash	6,548	0.0001%
Put Option	12/15/2023	Cash	6,541	0.0001%
Call Option	12/19/2025	Cash	6,537	0.0001%
Call Option	12/15/2023	Cash	6,528	0.0001%
Put Option	1/20/2023	Cash	6,508	0.0001%
Call Option	12/18/2026	Cash	6,507	0.0001%
Put Option	1/20/2023	Cash	6,492	0.0001%
Call Option	6/16/2023	Cash	6,486	0.0001%
Put Option	12/19/2025	Cash	6,479	0.0001%
Forward	12/16/2022	Cash	6,463	0.0001%
Put Option	12/20/2024	Cash	6,458	0.0001%

Forward	12/16/2022	Cash	6,456	0.0001%
Future	12/16/2022	Cash	6,451	0.0001%
Future	12/16/2022	Cash	6,451	0.0001%
Put Option	12/15/2023	Cash	6,448	0.0001%
Put Option	2/17/2023	Cash	6,419	0.0001%
Call Option	12/16/2022	Cash	6,419	0.0001%
Call Option	12/15/2023	Cash	6,402	0.0001%
Call Option	9/24/2025	Cash	6,401	0.0001%
Call Option	12/16/2022	Cash	6,389	0.0001%
Put Option	9/15/2023	Cash	6,382	0.0001%
Future	12/16/2022	Cash	6,380	0.0001%
Put Option	12/15/2028	Cash	6,368	0.0001%
Put Option	12/15/2028	Cash	6,367	0.0001%
Put Option	12/15/2028	Cash	6,367	0.0001%
Put Option	6/21/2024	Cash	6,335	0.0001%
Put Option	12/15/2023	Cash	6,331	0.0001%
Put Option	6/16/2023	Cash	6,319	0.0001%
Call Option	6/25/2025	Cash	6,309	0.0001%

Future	12/16/2022	Cash	6,308	0.0001%
Call Option	12/20/2024	Cash	6,299	0.0001%
Call Option	11/14/2023	Cash	6,297	0.0001%
Call Option	11/14/2023	Cash	6,297	0.0001%
Call Option	11/14/2023	Cash	6,297	0.0001%
Call Option	8/28/2028	Cash	6,292	0.0001%
Put Option	12/18/2026	Cash	6,288	0.0001%
Swap	8/9/2027	Cash	6,275	0.0001%
Call Option	6/16/2023	Cash	6,273	0.0001%
Put Option	12/15/2028	Cash	6,225	0.0001%
Put Option	12/19/2025	Cash	6,190	0.0001%
Put Option	12/15/2028	Cash	6,188	0.0001%
Put Option	12/15/2028	Cash	6,188	0.0001%
Forward	12/16/2022	Cash	6,176	0.0001%
Put Option	12/15/2023	Cash	6,165	0.0001%
Call Option	12/28/2023	Cash	6,148	0.0001%
Call Option	12/28/2023	Cash	6,148	0.0001%
Call Option	12/28/2023	Cash	6,148	0.0001%
Call Option	7/6/2023	Cash	6,140	0.0001%
Call Option	7/6/2023	Cash	6,140	0.0001%
Call Option	7/6/2023	Cash	6,140	0.0001%
Swap	11/16/2032	Cash	6,128	0.0001%
Put Option	12/20/2024	Cash	6,122	0.0001%
Call Option	12/20/2024	Cash	6,116	0.0001%
Put Option	12/16/2022	Cash	6,106	0.0001%
Put Option	12/15/2023	Cash	6,097	0.0001%
Forward	12/16/2022	Cash	6,097	0.0001%
Put Option	12/15/2023	Cash	6,088	0.0001%
Call Option	1/31/2025	Cash	6,081	0.0001%
Call Option	1/31/2025	Cash	6,081	0.0001%
Put Option	12/20/2024	Cash	6,051	0.0001%
Put Option	12/20/2024	Cash	6,039	0.0001%
Swap	11/8/2032	Cash	6,036	0.0001%
Put Option	12/20/2030	Cash	6,027	0.0001%
Put Option	12/20/2024	Cash	6,002	0.0001%
Put Option	12/20/2024	Cash	6,002	0.0001%
Call Warrant	12/31/2030	cash	6,000	0.0001%
Call Warrant	12/31/2030	cash	6,000	0.0001%
Call Option	1/28/2025	Cash	5,977	0.0001%
Call Option	1/28/2025	Cash	5,977	0.0001%
Call Option	1/28/2025	Cash	5,977	0.0001%
Forward	12/16/2022	Cash	5,939	0.0001%
Call Option	11/30/2023	Cash	5,918	0.0001%
Call Option	11/30/2023	Cash	5,918	0.0001%
Call Option	11/30/2023	Cash	5,918	0.0001%
Call Option	12/20/2024	Cash	5,854	0.0001%
Future	12/16/2022	Cash	5,849	0.0001%
Swap	10/20/2032	Cash	5,845	0.0001%
Put Option	12/19/2025	Cash	5,838	0.0001%
Put Option	12/15/2028	Cash	5,835	0.0001%
Put Option	12/15/2023	Cash	5,807	0.0001%
Put Option	6/16/2023	Cash	5,800	0.0001%
Call Option	3/17/2023	Cash	5,792	0.0001%
Forward	12/16/2022	Cash	5,774	0.0001%
Call Option	3/27/2024	Cash	5,742	0.0001%
Call Option	3/27/2024	Cash	5,742	0.0001%
Call Option	3/27/2024	Cash	5,742	0.0001%
Future	12/19/2024	Cash	5,730	0.0001%
Put Option	12/20/2024	Cash	5,706	0.0001%
Put Option	6/16/2023	Cash	5,694	0.0001%
Call Option	3/23/2026	Cash	5,691	0.0001%
Call Option	3/23/2026	Cash	5,691	0.0001%
Call Option	3/23/2026	Cash	5,691	0.0001%
Put Option	12/16/2022	Cash	5,686	0.0001%
Call Option	12/16/2022	Cash	5,681	0.0001%
Call Option	5/4/2026	Cash	5,675	0.0001%
Call Option	5/4/2026	Cash	5,675	0.0001%
Call Option	5/4/2026	Cash	5,675	0.0001%
Put Option	12/16/2022	Cash	5,643	0.0001%
Call Option	12/18/2026	Cash	5,639	0.0001%
Forward	12/16/2022	Cash	5,638	0.0001%
Call Option	9/20/2023	Cash	5,636	0.0001%
Call Option	9/20/2023	Cash	5,636	0.0001%

Call Option	8/26/2025	Cash	5,633	0.0001%
Call Option	8/26/2025	Cash	5,633	0.0001%
Call Option	8/26/2025	Cash	5,633	0.0001%
Call Option	11/13/2023	Cash	5,614	0.0001%
Call Option	11/13/2023	Cash	5,614	0.0001%
Call Option	11/13/2023	Cash	5,614	0.0001%
Call Option	3/17/2023	Cash	5,605	0.0001%
Call Option	12/16/2022	Cash	5,602	0.0001%
Call Option	6/16/2023	Cash	5,591	0.0001%
Forward	12/16/2022	Cash	5,588	0.0001%
Put Option	12/18/2026	Cash	5,577	0.0001%
Forward	12/16/2022	Cash	5,559	0.0001%
Put Option	2/17/2023	Cash	5,553	0.0001%
Put Option	12/16/2022	Cash	5,536	0.0001%
Put Option	12/19/2031	Cash	5,498	0.0001%
Put Option	12/15/2023	Cash	5,498	0.0001%
Call Option	12/19/2025	Cash	5,496	0.0001%
Put Option	12/15/2023	Cash	5,489	0.0001%

Put Option	12/16/2022	Cash	5,486	0.0001%
Call Option	8/7/2023	Cash	5,485	0.0001%
Put Option	12/15/2023	Cash	5,470	0.0001%
Call Option	12/20/2030	Cash	5,453	0.0001%
Future	12/16/2022	Cash	5,448	0.0001%
Put Option	12/15/2023	Cash	5,447	0.0001%
Put Option	12/15/2023	Cash	5,447	0.0001%
Call Option	12/16/2022	Cash	5,428	0.0001%
Call Option	12/16/2022	Cash	5,426	0.0001%
Forward	12/16/2022	Cash	5,387	0.0001%
Put Option	6/21/2024	Cash	5,386	0.0001%
Swap	11/4/2032	Cash	5,384	0.0001%
Future	12/16/2022	Cash	5,376	0.0001%
Put Option	2/16/2024	Cash	5,349	0.0001%
Forward	12/16/2022	Cash	5,344	0.0001%
Put Option	12/15/2023	Cash	5,336	0.0001%
Forward	12/16/2022	Cash	5,329	0.0001%
Call Option	6/14/2023	Cash	5,326	0.0001%
Call Option	6/14/2023	Cash	5,326	0.0001%
Call Option	6/14/2023	Cash	5,326	0.0001%
Call Option	1/20/2023	Cash	5,314	0.0001%
Call Option	12/28/2023	Cash	5,308	0.0001%
Call Option	12/28/2023	Cash	5,308	0.0001%
Call Option	12/28/2023	Cash	5,308	0.0001%
Call Option	12/15/2028	Cash	5,306	0.0001%
Put Option	11/17/2023	Cash	5,297	0.0001%
Put Option	12/16/2022	Cash	5,237	0.0001%
Forward	12/16/2022	Cash	5,229	0.0001%
Put Option	12/19/2025	Cash	5,183	0.0001%
Put Option	12/15/2023	Cash	5,153	0.0001%
Call Option	6/30/2023	Cash	5,150	0.0001%
Call Option	6/30/2023	Cash	5,150	0.0001%
Call Option	6/30/2023	Cash	5,150	0.0001%
Call Option	12/16/2022	Cash	5,121	0.0001%
Put Option	12/15/2023	Cash	5,092	0.0001%
Future	12/16/2022	Cash	5,089	0.0001%
Put Option	12/16/2022	Cash	5,062	0.0001%
Call Option	12/11/2023	Cash	5,059	0.0001%
Call Option	12/11/2023	Cash	5,059	0.0001%
Call Option	12/11/2023	Cash	5,059	0.0001%
Put Option	12/19/2025	Cash	5,028	0.0001%
Call Option	12/16/2022	Cash	5,015	0.0001%
Call Option	2/29/2024	Cash	5,005	0.0001%
Call Option	2/29/2024	Cash	5,005	0.0001%
Call Option	2/29/2024	Cash	5,005	0.0001%
Call Option	11/27/2024	Cash	4,961	0.0001%
Call Option	11/27/2024	Cash	4,961	0.0001%
Call Option	11/27/2024	Cash	4,961	0.0001%
Put Option	12/20/2024	Cash	4,930	0.0001%
Put Option	12/15/2023	Cash	4,926	0.0001%
Call Option	5/15/2025	Cash	4,919	0.0001%
Call Option	5/15/2025	Cash	4,919	0.0001%
Call Option	5/15/2025	Cash	4,919	0.0001%
Put Option	6/16/2023	Cash	4,919	0.0001%
Call Option	3/17/2023	Cash	4,917	0.0001%
Put Option	12/15/2023	Cash	4,895	0.0001%
Forward	12/16/2022	Cash	4,892	0.0001%
Call Option	6/12/2023	Cash	4,887	0.0001%
Put Option	12/15/2023	Cash	4,882	0.0001%
Call Option	6/21/2023	Cash	4,844	0.0001%
Call Option	6/21/2023	Cash	4,844	0.0001%
Put Option	4/29/2025	Cash	4,844	0.0001%
Call Option	12/29/2023	Cash	4,839	0.0001%
Call Option	3/26/2025	Cash	4,832	0.0001%
Call Option	3/26/2025	Cash	4,832	0.0001%
Call Option	3/26/2025	Cash	4,832	0.0001%
Call Option	2/25/2026	Cash	4,830	0.0001%
Call Option	2/25/2026	Cash	4,830	0.0001%
Call Option	2/25/2026	Cash	4,830	0.0001%
Call Option	5/23/2024	Cash	4,821	0.0001%
Call Option	5/23/2024	Cash	4,821	0.0001%
Call Option	5/23/2024	Cash	4,821	0.0001%
Put Option	12/16/2022	Cash	4,817	0.0001%

Put Option	12/15/2023	Cash	4,811	0.0001%
Forward	12/16/2022	Cash	4,806	0.0001%
Call Option	4/26/2023	Cash	4,771	0.0001%
Call Option	4/26/2023	Cash	4,771	0.0001%
Call Option	4/26/2023	Cash	4,771	0.0001%
Put Option	12/15/2023	Cash	4,740	0.0001%
Call Option	1/26/2023	Cash	4,735	0.0001%
Call Option	1/26/2023	Cash	4,735	0.0001%
Call Option	1/26/2023	Cash	4,735	0.0001%
Future	12/16/2022	Cash	4,731	0.0001%
Put Option	3/17/2023	Cash	4,729	0.0001%
Put Option	12/15/2023	Cash	4,725	0.0001%
Put Option	5/12/2025	Cash	4,711	0.0001%
Put Option	12/16/2022	Cash	4,696	0.0001%
Call Option	12/20/2030	Cash	4,691	0.0001%
Call Option	7/22/2024	Cash	4,691	0.0001%
Call Option	7/22/2024	Cash	4,691	0.0001%
Call Option	7/22/2024	Cash	4,691	0.0001%

Forward	12/16/2022	Cash	4,677	0.0001%
Call Option	8/6/2024	Cash	4,671	0.0001%
Call Option	8/6/2024	Cash	4,671	0.0001%
Call Option	8/6/2024	Cash	4,671	0.0001%
Put Option	12/15/2023	Cash	4,652	0.0001%
Call Option	12/15/2023	Cash	4,651	0.0001%
Call Option	5/26/2028	Cash	4,641	0.0001%
Call Option	5/26/2028	Cash	4,641	0.0001%
Call Option	5/26/2028	Cash	4,641	0.0001%
Put Option	6/16/2023	Cash	4,634	0.0001%
Call Option	12/20/2030	Cash	4,623	0.0001%
Put Option	6/21/2024	Cash	4,591	0.0001%
Put Option	12/18/2026	Cash	4,586	0.0001%
Put Option	12/20/2024	Cash	4,579	0.0001%
Put Option	12/16/2022	Cash	4,567	0.0001%
Call Option	12/15/2023	Cash	4,567	0.0001%
Put Option	12/20/2024	Cash	4,554	0.0001%
Call Option	8/25/2025	Cash	4,547	0.0001%
Call Option	1/29/2024	Cash	4,544	0.0001%
Call Option	1/29/2024	Cash	4,544	0.0001%
Call Option	1/29/2024	Cash	4,544	0.0001%
Forward	12/16/2022	Cash	4,533	0.0001%
Put Option	6/21/2024	Cash	4,528	0.0001%
Future	12/16/2022	Cash	4,516	0.0001%
Future	12/16/2022	Cash	4,516	0.0001%
Call Option	12/16/2022	Cash	4,506	0.0001%
Call Option	6/16/2026	Cash	4,497	0.0001%
Call Option	6/16/2026	Cash	4,497	0.0001%
Call Option	6/16/2026	Cash	4,497	0.0001%
Future	12/16/2022	Cash	4,494	0.0001%
Put Option	9/15/2023	Cash	4,484	0.0001%
Forward	12/16/2022	Cash	4,483	0.0001%
Call Option	12/16/2022	Cash	4,468	0.0001%
Call Option	8/29/2025	Cash	4,465	0.0001%
Call Option	8/29/2025	Cash	4,465	0.0001%
Call Option	8/29/2025	Cash	4,465	0.0001%
Put Option	9/15/2023	Cash	4,455	0.0001%
Put Option	12/16/2022	Cash	4,453	0.0001%
Future	12/16/2022	Cash	4,428	0.0001%
Put Option	3/17/2023	Cash	4,398	0.0001%
Put Option	12/20/2024	Cash	4,397	0.0001%
Put Option	12/20/2024	Cash	4,394	0.0001%
Put Option	12/20/2024	Cash	4,394	0.0001%
Call Option	3/25/2024	Cash	4,376	0.0001%
Call Option	3/25/2024	Cash	4,376	0.0001%
Call Option	3/25/2024	Cash	4,376	0.0001%
Put Option	12/20/2024	Cash	4,365	0.0001%
Put Option	12/18/2026	Cash	4,363	0.0001%
Forward	12/16/2022	Cash	4,332	0.0001%
Call Option	11/27/2023	Cash	4,320	0.0001%
Call Option	11/27/2023	Cash	4,320	0.0001%
Call Option	11/27/2023	Cash	4,320	0.0001%
Forward	12/16/2022	Cash	4,318	0.0001%
Swap	2/28/2023	Cash	4,312	0.0001%
Put Option	4/2/2025	Cash	4,304	0.0001%
Call Option	8/7/2023	Cash	4,292	0.0001%
Call Option	7/24/2026	Cash	4,291	0.0001%
Call Option	7/24/2026	Cash	4,291	0.0001%
Call Option	7/24/2026	Cash	4,291	0.0001%
Call Option	2/23/2026	Cash	4,286	0.0001%
Call Option	2/23/2026	Cash	4,286	0.0001%
Call Option	2/23/2026	Cash	4,286	0.0001%
Put Option	12/20/2024	Cash	4,278	0.0001%
Call Option	12/20/2024	Cash	4,247	0.0001%
Call Option	12/15/2028	Cash	4,226	0.0001%
Put Option	2/19/2025	Cash	4,217	0.0001%
Put Option	6/16/2023	Cash	4,213	0.0001%
Call Option	1/31/2024	Cash	4,209	0.0001%
Call Option	1/31/2024	Cash	4,209	0.0001%
Call Option	1/31/2024	Cash	4,209	0.0001%
Put Option	1/20/2023	Cash	4,208	0.0001%
Put Option	12/15/2023	Cash	4,200	0.0001%
Put Option	12/20/2024	Cash	4,173	0.0001%

Call Option	10/29/2024	Cash	4,172	0.0001%
Call Option	10/29/2024	Cash	4,172	0.0001%
Call Option	10/29/2024	Cash	4,172	0.0001%
Call Option	1/28/2025	Cash	4,140	0.0001%
Call Option	1/28/2025	Cash	4,140	0.0001%
Call Option	1/28/2025	Cash	4,140	0.0001%
Put Option	6/16/2023	Cash	4,136	0.0001%
Call Option	3/17/2023	Cash	4,135	0.0001%
Put Option	12/15/2023	Cash	4,131	0.0001%
Call Option	12/20/2024	Cash	4,119	0.0001%
Put Option	6/21/2024	Cash	4,102	0.0001%
Call Option	12/16/2022	Cash	4,097	0.0001%
Forward	12/16/2022	Cash	4,096	0.0001%
Put Option	12/20/2024	Cash	4,081	0.0001%
Put Option	6/16/2023	Cash	4,079	0.0001%
Put Option	12/16/2022	Cash	4,071	0.0001%
Put Option	12/20/2024	Cash	4,070	0.0001%
Call Option	12/15/2023	Cash	4,026	0.0001%

Call Option	12/15/2023	Cash	4,026	0.0001%
Put Option	12/20/2024	Cash	4,025	0.0001%
Put Option	12/16/2022	Cash	4,019	0.0001%
Put Option	6/16/2023	Cash	4,009	0.0001%
Call Warrant	12/31/2030	cash	4,000	0.0001%
Call Warrant	12/31/2030	cash	4,000	0.0001%
Call Option	12/22/2022	Cash	3,999	0.0001%
Put Option	12/16/2022	Cash	3,990	0.0001%
Put Option	12/20/2024	Cash	3,989	0.0001%
Put Option	12/20/2024	Cash	3,985	0.0001%
Put Option	12/16/2022	Cash	3,970	0.0001%
Swap	11/22/2032	Cash	3,950	0.0001%
Call Option	7/15/2024	Cash	3,938	0.0001%
Call Option	7/15/2024	Cash	3,938	0.0001%
Call Option	7/15/2024	Cash	3,938	0.0001%
Put Option	1/9/2025	Cash	3,915	0.0001%
Call Warrant	12/31/2030	cash	3,900	0.0001%
Call Option	8/28/2023	Cash	3,898	0.0001%
Call Option	8/28/2023	Cash	3,898	0.0001%
Call Option	8/28/2023	Cash	3,898	0.0001%
Put Option	12/15/2023	Cash	3,894	0.0001%
Put Option	12/16/2022	Cash	3,894	0.0001%
Future	12/16/2022	Cash	3,885	0.0001%
Call Option	12/18/2023	Cash	3,879	0.0001%
Call Option	12/18/2023	Cash	3,879	0.0001%
Call Option	12/18/2023	Cash	3,879	0.0001%
Put Option	12/15/2023	Cash	3,873	0.0001%
Put Option	12/15/2023	Cash	3,872	0.0001%
Forward	12/16/2022	Cash	3,866	0.0001%
Put Option	12/20/2024	Cash	3,865	0.0001%
Call Option	12/17/2027	Cash	3,825	0.0001%
Call Option	12/19/2025	Cash	3,824	0.0001%
Call Option	12/15/2023	Cash	3,824	0.0001%
Forward	12/16/2022	Cash	3,823	0.0001%
Put Option	12/16/2022	Cash	3,822	0.0001%
Put Option	12/15/2023	Cash	3,819	0.0001%
Put Option	12/16/2022	Cash	3,816	0.0001%
Call Option	7/24/2023	Cash	3,805	0.0001%
Call Option	7/24/2023	Cash	3,805	0.0001%
Call Option	7/24/2023	Cash	3,805	0.0001%
Call Option	4/22/2027	Cash	3,804	0.0001%
Call Option	4/22/2027	Cash	3,804	0.0001%
Call Option	4/22/2027	Cash	3,804	0.0001%
Call Warrant	12/31/2030	cash	3,800	0.0001%
Put Option	12/20/2024	Cash	3,799	0.0001%
Call Option	1/18/2023	Cash	3,797	0.0001%
Call Option	12/15/2023	Cash	3,795	0.0001%
Call Option	12/29/2023	Cash	3,794	0.0001%
Forward	12/16/2022	Cash	3,780	0.0001%
Call Option	12/15/2023	Cash	3,774	0.0001%
Call Option	12/16/2022	Cash	3,767	0.0001%
Put Option	12/15/2023	Cash	3,754	0.0001%
Put Option	12/17/2027	Cash	3,738	0.0001%
Put Option	12/15/2023	Cash	3,736	0.0001%
Call Option	12/16/2022	Cash	3,733	0.0001%
Future	12/16/2022	Cash	3,727	0.0001%
Future	12/16/2022	Cash	3,727	0.0001%
Put Option	12/17/2027	Cash	3,718	0.0001%
Put Option	12/16/2022	Cash	3,718	0.0001%
Call Option	3/25/2024	Cash	3,717	0.0001%
Call Option	3/25/2024	Cash	3,717	0.0001%
Call Option	3/25/2024	Cash	3,717	0.0001%
Swap	5/22/2023	Cash	3,710	0.0001%
Call Option	12/29/2023	Cash	3,705	0.0001%
Call Option	12/29/2023	Cash	3,705	0.0001%
Call Option	12/29/2023	Cash	3,705	0.0001%
Put Option	12/19/2025	Cash	3,703	0.0001%
Forward	12/16/2022	Cash	3,701	0.0001%
Put Option	12/16/2022	Cash	3,697	0.0001%
Call Option	11/28/2025	Cash	3,688	0.0001%
Call Option	11/28/2025	Cash	3,688	0.0001%
Call Option	11/28/2025	Cash	3,688	0.0001%
Call Option	9/30/2024	Cash	3,684	0.0001%

Call Option	9/30/2024	Cash	3,684	0.0001%
Call Option	9/30/2024	Cash	3,684	0.0001%
Put Option	12/16/2022	Cash	3,679	0.0001%
Put Option	12/18/2026	Cash	3,675	0.0001%
Call Option	2/12/2024	Cash	3,663	0.0001%
Future	12/16/2022	Cash	3,663	0.0001%
Put Option	12/15/2023	Cash	3,660	0.0001%
Call Option	2/25/2025	Cash	3,641	0.0001%
Call Option	2/25/2025	Cash	3,641	0.0001%
Call Option	2/25/2025	Cash	3,641	0.0001%
Forward	12/16/2022	Cash	3,637	0.0001%
Put Option	8/30/2024	Cash	3,636	0.0001%
Put Option	8/30/2024	Cash	3,636	0.0001%
Put Option	8/30/2024	Cash	3,636	0.0001%
Call Option	1/22/2027	Cash	3,615	0.0001%
Put Option	12/16/2022	Cash	3,612	0.0001%
Put Option	12/15/2023	Cash	3,611	0.0001%
Call Option	7/31/2024	Cash	3,593	0.0001%

Call Option	7/31/2024	Cash	3,593	0.0001%
Call Option	7/31/2024	Cash	3,593	0.0001%
Call Option	5/26/2026	Cash	3,588	0.0001%
Call Option	5/26/2026	Cash	3,588	0.0001%
Call Option	5/26/2026	Cash	3,588	0.0001%
Future	12/16/2022	Cash	3,584	0.0001%
Future	12/16/2022	Cash	3,584	0.0001%
Put Option	12/23/2024	Cash	3,580	0.0001%
Put Option	12/20/2024	Cash	3,571	0.0001%
Forward	12/16/2022	Cash	3,565	0.0001%
Put Option	11/29/2024	Cash	3,561	0.0001%
Forward	12/16/2022	Cash	3,551	0.0001%
Call Option	5/28/2024	Cash	3,546	0.0001%
Call Option	5/28/2024	Cash	3,546	0.0001%
Call Option	5/28/2024	Cash	3,546	0.0001%
Put Option	12/15/2023	Cash	3,543	0.0001%
Call Option	12/16/2022	Cash	3,531	0.0001%
Put Option	12/16/2022	Cash	3,527	0.0001%
Put Option	3/17/2023	Cash	3,516	0.0001%
Put Option	12/15/2023	Cash	3,502	0.0001%
Call Option	12/15/2023	Cash	3,496	0.0001%
Call Option	12/18/2026	Cash	3,480	0.0001%
Call Option	4/24/2023	Cash	3,475	0.0001%
Put Option	6/16/2023	Cash	3,472	0.0001%
Call Option	4/23/2027	Cash	3,465	0.0001%
Put Option	12/16/2022	Cash	3,454	0.0001%
Put Option	12/15/2023	Cash	3,453	0.0001%
Call Option	8/7/2023	Cash	3,428	0.0001%
Put Option	12/20/2024	Cash	3,424	0.0001%
Put Option	2/17/2023	Cash	3,422	0.0001%
Put Option	12/15/2023	Cash	3,405	0.0001%
Call Option	2/24/2027	Cash	3,403	0.0001%
Call Option	2/24/2027	Cash	3,403	0.0001%
Call Option	2/24/2027	Cash	3,403	0.0001%
Put Option	6/16/2023	Cash	3,400	0.0001%
Call Option	11/6/2023	Cash	3,375	0.0001%
Call Option	11/6/2023	Cash	3,375	0.0001%
Call Option	11/6/2023	Cash	3,375	0.0001%
Put Option	10/21/2024	Cash	3,372	0.0001%
Call Option	4/16/2026	Cash	3,371	0.0001%
Swap	12/2/2025	Cash	3,342	0.0001%
Put Option	12/18/2026	Cash	3,341	0.0001%
Put Option	3/17/2023	Cash	3,334	0.0001%
Put Option	3/17/2023	Cash	3,334	0.0001%
Put Option	12/17/2027	Cash	3,324	0.0001%
Call Option	9/25/2023	Cash	3,306	0.0001%
Call Option	9/25/2023	Cash	3,306	0.0001%
Call Option	9/25/2023	Cash	3,306	0.0001%
Call Option	3/17/2023	Cash	3,300	0.0001%
Call Option	8/7/2023	Cash	3,291	0.0001%
Call Option	12/16/2022	Cash	3,288	0.0001%
Call Option	3/17/2023	Cash	3,279	0.0001%
Call Option	3/24/2025	Cash	3,277	0.0001%
Call Option	1/31/2024	Cash	3,250	0.0001%
Call Option	1/31/2024	Cash	3,250	0.0001%
Call Option	1/31/2024	Cash	3,250	0.0001%
Put Option	12/16/2022	Cash	3,243	0.0001%
Future	12/16/2022	Cash	3,230	0.0001%
Call Option	12/15/2023	Cash	3,224	0.0001%
Put Option	9/15/2023	Cash	3,216	0.0001%
Put Option	12/20/2024	Cash	3,214	0.0001%
Call Option	12/15/2023	Cash	3,203	0.0001%
Call Option	9/24/2025	Cash	3,201	0.0001%
Call Option	12/16/2022	Cash	3,199	0.0001%
Call Option	5/2/2028	Cash	3,197	0.0001%
Call Option	5/2/2028	Cash	3,197	0.0001%
Call Option	5/2/2028	Cash	3,197	0.0001%
Put Option	12/20/2024	Cash	3,196	0.0001%
Put Option	12/15/2023	Cash	3,186	0.0001%
Put Option	12/16/2022	Cash	3,182	0.0001%
Call Option	11/30/2023	Cash	3,173	0.0001%
Call Option	2/23/2023	Cash	3,173	0.0001%
Call Option	2/23/2023	Cash	3,173	0.0001%

Call Option	2/23/2023	Cash	3,173	0.0001%
Put Option	12/15/2023	Cash	3,166	0.0001%
Put Option	12/20/2030	Cash	3,161	0.0001%
Call Option	4/27/2029	Cash	3,151	0.0001%
Call Option	4/27/2029	Cash	3,151	0.0001%
Call Option	4/27/2029	Cash	3,151	0.0001%
Call Option	3/3/2026	Cash	3,131	0.0001%
Call Option	3/3/2026	Cash	3,131	0.0001%
Call Option	3/3/2026	Cash	3,131	0.0001%
Forward	12/16/2022	Cash	3,120	0.0001%
Put Option	12/18/2026	Cash	3,119	0.0001%
Forward	12/16/2022	Cash	3,113	0.0001%
Put Option	12/15/2023	Cash	3,102	0.0001%
Call Option	12/16/2022	Cash	3,089	0.0001%
Call Option	7/24/2023	Cash	3,070	0.0001%
Call Option	7/24/2023	Cash	3,070	0.0001%
Call Option	7/24/2023	Cash	3,070	0.0001%
Call Option	3/26/2025	Cash	3,058	0.0001%

Call Option	3/26/2025	Cash	3,058	0.0001%
Call Option	3/26/2025	Cash	3,058	0.0001%
Put Option	12/15/2028	Cash	3,054	0.0001%
Call Option	11/21/2023	Cash	3,049	0.0001%
Put Option	12/30/2022	Cash	3,036	0.0001%
Call Option	3/16/2023	Cash	3,027	0.0001%
Put Option	12/20/2024	Cash	3,025	0.0001%
Call Option	4/27/2026	Cash	3,020	0.0001%
Call Option	4/27/2026	Cash	3,020	0.0001%
Call Option	4/27/2026	Cash	3,020	0.0001%
Call Option	12/15/2023	Cash	3,019	0.0001%
Put Option	12/20/2024	Cash	3,019	0.0001%
Put Option	12/18/2026	Cash	3,018	0.0001%
Put Option	12/20/2030	Cash	3,013	0.0001%
Call Option	2/14/2024	Cash	3,012	0.0001%
Call Option	2/14/2024	Cash	3,012	0.0001%
Call Option	2/14/2024	Cash	3,012	0.0001%
Call Warrant	12/31/2030	cash	3,000	0.0001%
Call Warrant	12/31/2030	cash	3,000	0.0001%
Call Option	5/18/2023	Cash	2,998	0.0001%
Call Option	4/24/2023	Cash	2,998	0.0001%
Call Option	4/24/2023	Cash	2,998	0.0001%
Call Option	4/24/2023	Cash	2,998	0.0001%
Put Option	12/16/2022	Cash	2,938	0.0001%
Call Option	12/21/2023	Cash	2,930	0.0001%
Call Option	12/21/2023	Cash	2,930	0.0001%
Call Option	12/21/2023	Cash	2,930	0.0001%
Put Option	12/15/2023	Cash	2,929	0.0001%
Put Option	5/31/2024	Cash	2,922	0.0001%
Put Option	5/31/2024	Cash	2,922	0.0001%
Put Option	5/31/2024	Cash	2,922	0.0001%
Call Option	9/13/2027	Cash	2,922	0.0001%
Call Option	1/26/2023	Cash	2,914	0.0001%
Call Option	1/26/2023	Cash	2,914	0.0001%
Call Option	1/26/2023	Cash	2,914	0.0001%
Call Option	6/25/2026	Cash	2,897	0.0001%
Call Option	6/25/2026	Cash	2,897	0.0001%
Call Option	6/25/2026	Cash	2,897	0.0001%
Put Option	12/15/2023	Cash	2,896	0.0001%
Put Option	12/18/2026	Cash	2,892	0.0001%
Call Option	5/26/2023	Cash	2,888	0.0001%
Call Option	5/26/2023	Cash	2,888	0.0001%
Put Option	12/19/2025	Cash	2,880	0.0001%
Put Option	1/20/2023	Cash	2,879	0.0001%
Forward	12/16/2022	Cash	2,869	0.0001%
Put Option	12/18/2026	Cash	2,861	0.0001%
Call Option	6/12/2023	Cash	2,856	0.0001%
Forward	12/16/2022	Cash	2,840	0.00005%
Call Option	1/30/2023	Cash	2,832	0.00005%
Call Option	1/30/2023	Cash	2,832	0.00005%
Put Option	12/16/2022	Cash	2,823	0.00005%
Put Option	12/19/2025	Cash	2,816	0.00005%
Put Option	2/8/2024	Cash	2,812	0.00005%
Call Option	8/31/2027	Cash	2,802	0.00005%
Call Option	8/31/2027	Cash	2,802	0.00005%
Call Option	8/31/2027	Cash	2,802	0.00005%
Future	12/16/2022	Cash	2,799	0.00005%
Future	12/16/2022	Cash	2,799	0.00005%
Put Option	12/15/2023	Cash	2,799	0.00005%
Put Option	12/15/2023	Cash	2,794	0.00005%
Call Option	12/15/2028	Cash	2,784	0.00005%
Put Option	1/12/2024	Cash	2,780	0.00005%
Forward	12/16/2022	Cash	2,776	0.00005%
Call Option	2/24/2025	Cash	2,768	0.00005%
Call Option	2/24/2025	Cash	2,768	0.00005%
Call Option	2/24/2025	Cash	2,768	0.00005%
Put Option	12/16/2022	Cash	2,768	0.00005%
Future	12/16/2022	Cash	2,767	0.00005%
Call Option	1/22/2025	Cash	2,765	0.00005%
Call Option	1/22/2025	Cash	2,765	0.00005%
Call Option	1/22/2025	Cash	2,765	0.00005%
Call Option	9/25/2023	Cash	2,759	0.00005%
Call Option	9/25/2023	Cash	2,759	0.00005%

Put Option	12/20/2024	Cash	2,747	0.00005%
Call Option	4/30/2025	Cash	2,744	0.00005%
Call Option	4/30/2025	Cash	2,744	0.00005%
Put Option	1/22/2024	Cash	2,738	0.00005%
Put Option	12/15/2023	Cash	2,737	0.00005%
Call Option	6/12/2023	Cash	2,731	0.00005%
Call Option	9/26/2023	Cash	2,724	0.00005%
Call Option	9/26/2023	Cash	2,724	0.00005%
Call Option	9/26/2023	Cash	2,724	0.00005%
Future	12/16/2022	Cash	2,724	0.00005%
Swap	10/27/2025	Cash	2,722	0.00005%
Forward	12/16/2022	Cash	2,718	0.00005%
Call Option	8/21/2023	Cash	2,718	0.00005%
Put Option	12/19/2025	Cash	2,714	0.00005%
Put Option	12/15/2023	Cash	2,705	0.00005%
Call Option	5/24/2023	Cash	2,697	0.00005%
Call Option	5/15/2023	Cash	2,691	0.00005%
Call Option	5/15/2023	Cash	2,691	0.00005%

Forward	12/16/2022	Cash	2,690	0.00005%
Call Option	1/7/2026	Cash	2,678	0.00005%
Call Option	1/7/2026	Cash	2,678	0.00005%
Call Option	1/7/2026	Cash	2,678	0.00005%
Put Option	12/16/2022	Cash	2,677	0.00005%
Call Option	7/27/2026	Cash	2,677	0.00005%
Call Option	7/27/2026	Cash	2,677	0.00005%
Call Option	7/27/2026	Cash	2,677	0.00005%
Call Option	8/31/2023	Cash	2,677	0.00005%
Call Option	8/31/2023	Cash	2,677	0.00005%
Call Option	8/31/2023	Cash	2,677	0.00005%
Call Option	2/23/2033	Cash	2,665	0.00005%
Call Option	8/31/2023	Cash	2,662	0.00005%
Call Option	8/31/2023	Cash	2,662	0.00005%
Call Option	8/31/2023	Cash	2,662	0.00005%
Put Option	12/5/2023	Cash	2,661	0.00005%
Call Option	4/30/2025	Cash	2,651	0.00005%
Call Option	2/15/2024	Cash	2,649	0.00005%
Call Option	5/31/2023	Cash	2,646	0.00005%
Call Option	5/31/2023	Cash	2,646	0.00005%
Call Option	5/31/2023	Cash	2,646	0.00005%
Call Option	3/27/2023	Cash	2,646	0.00005%
Call Option	3/27/2023	Cash	2,646	0.00005%
Call Option	3/27/2023	Cash	2,646	0.00005%
Put Option	12/20/2024	Cash	2,637	0.00005%
Put Option	12/20/2024	Cash	2,637	0.00005%
Call Option	6/27/2023	Cash	2,636	0.00005%
Put Option	6/16/2023	Cash	2,629	0.00005%
Call Option	12/15/2028	Cash	2,627	0.00005%
Call Option	1/28/2025	Cash	2,620	0.00005%
Call Option	1/28/2025	Cash	2,620	0.00005%
Call Option	1/28/2025	Cash	2,620	0.00005%
Call Option	12/16/2022	Cash	2,619	0.00005%
Put Option	12/11/2023	Cash	2,615	0.00005%
Put Option	12/15/2023	Cash	2,600	0.00005%
Put Option	12/16/2022	Cash	2,593	0.00005%
Put Option	12/16/2022	Cash	2,591	0.00005%
Put Option	6/16/2023	Cash	2,584	0.00005%
Put Option	1/20/2023	Cash	2,582	0.00005%
Future	12/16/2022	Cash	2,580	0.00005%
Future	12/16/2022	Cash	2,580	0.00005%
Call Option	12/9/2022	Cash	2,567	0.00005%
Put Option	8/30/2024	Cash	2,565	0.00005%
Put Option	8/30/2024	Cash	2,565	0.00005%
Put Option	8/30/2024	Cash	2,565	0.00005%
Call Option	6/16/2023	Cash	2,565	0.00005%
Call Option	12/22/2027	Cash	2,564	0.00005%
Call Option	12/22/2027	Cash	2,564	0.00005%
Call Option	12/22/2027	Cash	2,564	0.00005%
Forward	12/16/2022	Cash	2,554	0.00004%
Call Option	4/4/2024	Cash	2,542	0.00004%
Call Option	6/16/2023	Cash	2,531	0.00004%
Call Option	1/7/2026	Cash	2,529	0.00004%
Call Option	1/7/2026	Cash	2,529	0.00004%
Call Option	1/7/2026	Cash	2,529	0.00004%
Put Option	11/13/2025	Cash	2,522	0.00004%
Put Option	11/13/2025	Cash	2,522	0.00004%
Put Option	11/13/2025	Cash	2,522	0.00004%
Future	12/16/2022	Cash	2,509	0.00004%
Call Warrant	2/17/2023	physical	2,500	0.00004%
Call Option	12/27/2023	Cash	2,485	0.00004%
Call Option	12/27/2023	Cash	2,485	0.00004%
Call Option	12/27/2023	Cash	2,485	0.00004%
Call Option	5/24/2023	Cash	2,483	0.00004%
Call Option	5/24/2023	Cash	2,483	0.00004%
Call Option	5/24/2023	Cash	2,483	0.00004%
Call Option	8/31/2027	Cash	2,481	0.00004%
Put Option	1/20/2023	Cash	2,479	0.00004%
Put Option	12/16/2022	Cash	2,477	0.00004%
Call Option	11/19/2026	Cash	2,475	0.00004%
Call Option	5/6/2030	Cash	2,474	0.00004%
Put Option	9/15/2023	Cash	2,461	0.00004%
Put Option	12/16/2022	Cash	2,450	0.00004%

Call Option	12/16/2022	Cash	2,449	0.00004%
Put Option	12/16/2022	Cash	2,436	0.00004%
Call Option	11/30/2023	Cash	2,428	0.00004%
Call Option	11/30/2023	Cash	2,428	0.00004%
Call Option	11/30/2023	Cash	2,428	0.00004%
Put Option	6/28/2024	Cash	2,427	0.00004%
Put Option	6/28/2024	Cash	2,427	0.00004%
Put Option	6/28/2024	Cash	2,427	0.00004%
Forward	12/16/2022	Cash	2,424	0.00004%
Call Option	8/7/2023	Cash	2,424	0.00004%
Call Option	8/7/2023	Cash	2,424	0.00004%
Put Option	3/3/2027	Cash	2,424	0.00004%
Put Option	12/16/2022	Cash	2,420	0.00004%
Call Option	12/27/2022	Cash	2,417	0.00004%
Call Option	5/31/2024	Cash	2,409	0.00004%
Swap	12/1/2032	Cash	2,403	0.00004%
Put Option	6/16/2023	Cash	2,400	0.00004%
Call Option	1/7/2026	Cash	2,396	0.00004%

Call Option	1/7/2026	Cash	2,396	0.00004%
Call Option	1/7/2026	Cash	2,396	0.00004%
Call Option	7/3/2023	Cash	2,392	0.00004%
Call Option	11/26/2027	Cash	2,389	0.00004%
Call Option	1/30/2023	Cash	2,381	0.00004%
Call Option	6/19/2023	Cash	2,379	0.00004%
Call Option	10/22/2027	Cash	2,375	0.00004%
Call Option	10/22/2027	Cash	2,375	0.00004%
Call Option	10/22/2027	Cash	2,375	0.00004%
Put Option	12/16/2022	Cash	2,372	0.00004%
Call Option	8/26/2026	Cash	2,371	0.00004%
Call Option	8/26/2026	Cash	2,371	0.00004%
Call Option	8/26/2026	Cash	2,371	0.00004%
Call Option	3/17/2023	Cash	2,367	0.00004%
Forward	12/16/2022	Cash	2,367	0.00004%
Put Option	12/15/2023	Cash	2,365	0.00004%
Swap	11/11/2032	Cash	2,364	0.00004%
Call Option	7/23/2027	Cash	2,354	0.00004%
Call Option	7/23/2027	Cash	2,354	0.00004%
Call Option	7/23/2027	Cash	2,354	0.00004%
Call Option	5/25/2027	Cash	2,346	0.00004%
Call Option	5/25/2027	Cash	2,346	0.00004%
Call Option	5/25/2027	Cash	2,346	0.00004%
Put Option	12/16/2022	Cash	2,338	0.00004%
Put Option	12/15/2023	Cash	2,337	0.00004%
Call Option	12/16/2022	Cash	2,324	0.00004%
Call Option	6/26/2024	Cash	2,321	0.00004%
Call Option	6/26/2024	Cash	2,321	0.00004%
Call Option	6/26/2024	Cash	2,321	0.00004%
Put Option	4/30/2024	Cash	2,316	0.00004%
Put Option	4/30/2024	Cash	2,316	0.00004%
Put Option	4/30/2024	Cash	2,316	0.00004%
Put Option	12/20/2024	Cash	2,309	0.00004%
Call Option	4/24/2024	Cash	2,294	0.00004%
Put Option	12/16/2022	Cash	2,287	0.00004%
Forward	12/16/2022	Cash	2,281	0.00004%
Call Option	12/16/2022	Cash	2,270	0.00004%
Put Option	9/3/2026	Cash	2,264	0.00004%
Call Option	2/21/2023	Cash	2,258	0.00004%
Call Option	2/21/2023	Cash	2,258	0.00004%
Call Option	2/21/2023	Cash	2,258	0.00004%
Call Option	3/25/2024	Cash	2,256	0.00004%
Call Option	3/25/2024	Cash	2,256	0.00004%
Call Option	3/25/2024	Cash	2,256	0.00004%
Call Option	12/23/2025	Cash	2,255	0.00004%
Call Option	12/23/2025	Cash	2,255	0.00004%
Call Option	12/23/2025	Cash	2,255	0.00004%
Call Option	12/16/2022	Cash	2,253	0.00004%
Forward	12/16/2022	Cash	2,252	0.00004%
Call Option	10/9/2023	Cash	2,252	0.00004%
Call Option	10/9/2023	Cash	2,252	0.00004%
Call Option	10/9/2023	Cash	2,252	0.00004%
Call Option	6/16/2023	Cash	2,239	0.00004%
Call Option	9/21/2023	Cash	2,238	0.00004%
Put Option	9/2/2027	Cash	2,238	0.00004%
Call Option	12/16/2022	Cash	2,238	0.00004%
Put Option	12/18/2026	Cash	2,234	0.00004%
Call Option	2/15/2023	Cash	2,221	0.00004%
Call Option	12/29/2023	Cash	2,220	0.00004%
Call Option	11/28/2023	Cash	2,218	0.00004%
Call Option	11/28/2023	Cash	2,218	0.00004%
Call Option	6/18/2027	Cash	2,217	0.00004%
Call Option	8/26/2024	Cash	2,216	0.00004%
Call Option	8/26/2024	Cash	2,216	0.00004%
Call Option	8/26/2024	Cash	2,216	0.00004%
Call Option	10/17/2024	Cash	2,215	0.00004%
Put Option	12/16/2022	Cash	2,214	0.00004%
Put Option	1/20/2023	Cash	2,198	0.00004%
Put Option	4/21/2023	Cash	2,194	0.00004%
Call Option	10/17/2024	Cash	2,187	0.00004%
Call Option	10/17/2024	Cash	2,187	0.00004%
Call Option	2/13/2023	Cash	2,172	0.00004%
Call Option	2/13/2023	Cash	2,172	0.00004%

Call Option	2/13/2023	Cash	2,172	0.00004%
Forward	12/16/2022	Cash	2,166	0.00004%
Future	12/16/2022	Cash	2,150	0.00004%
Put Option	12/16/2022	Cash	2,146	0.00004%
Forward	12/16/2022	Cash	2,137	0.00004%
Put Option	12/19/2025	Cash	2,135	0.00004%
Put Option	12/16/2022	Cash	2,134	0.00004%
Call Option	5/13/2024	Cash	2,123	0.00004%
Call Option	5/13/2024	Cash	2,123	0.00004%
Call Option	5/13/2024	Cash	2,123	0.00004%
Call Option	3/24/2025	Cash	2,122	0.00004%
Call Option	3/24/2025	Cash	2,122	0.00004%
Call Option	3/24/2025	Cash	2,122	0.00004%
Put Option	12/15/2023	Cash	2,120	0.00004%
Put Option	12/16/2022	Cash	2,119	0.00004%
Call Option	6/16/2025	Cash	2,114	0.00004%
Put Option	12/16/2022	Cash	2,113	0.00004%
Call Option	12/16/2022	Cash	2,104	0.00004%

Put Option	12/16/2022	Cash	2,104	0.00004%
Swap	11/2/2032	Cash	2,099	0.00004%
Forward	12/16/2022	Cash	2,087	0.00004%
Call Option	12/29/2026	Cash	2,073	0.00004%
Call Option	12/29/2026	Cash	2,073	0.00004%
Call Option	12/29/2026	Cash	2,073	0.00004%
Put Option	12/15/2028	Cash	2,059	0.00004%
Put Option	12/16/2022	Cash	2,057	0.00004%
Call Option	12/20/2030	Cash	2,044	0.00004%
Call Warrant	12/31/2030	cash	2,041	0.00004%
Call Option	10/31/2024	Cash	2,039	0.00004%
Call Option	10/31/2024	Cash	2,039	0.00004%
Call Option	10/31/2024	Cash	2,039	0.00004%
Put Option	12/16/2022	Cash	2,029	0.00004%
Put Option	12/18/2026	Cash	2,022	0.00004%
Call Option	7/2/2024	Cash	2,018	0.00004%
Call Option	7/2/2024	Cash	2,018	0.00004%
Call Option	7/2/2024	Cash	2,018	0.00004%
Put Option	3/3/2027	Cash	2,016	0.00004%
Call Option	2/28/2024	Cash	2,014	0.00004%
Call Option	2/28/2024	Cash	2,014	0.00004%
Call Option	2/28/2024	Cash	2,014	0.00004%
Call Option	12/15/2023	Cash	2,013	0.00004%
Future	12/16/2022	Cash	2,010	0.00004%
Call Warrant	12/31/2030	cash	2,004	0.00004%
Put Option	3/17/2023	Cash	2,000	0.00004%
Call Warrant	12/31/2030	cash	2,000	0.00004%
Call Warrant	12/31/2030	cash	2,000	0.00004%
Call Option	3/28/2023	Cash	1,998	0.00004%
Call Option	3/28/2023	Cash	1,998	0.00004%
Call Option	3/28/2023	Cash	1,998	0.00004%
Call Option	12/16/2022	Cash	1,998	0.00004%
Call Option	7/22/2024	Cash	1,995	0.00004%
Call Option	7/22/2024	Cash	1,995	0.00004%
Call Option	7/22/2024	Cash	1,995	0.00004%
Put Option	9/18/2023	Cash	1,985	0.00003%
Call Option	12/18/2025	Cash	1,985	0.00003%
Put Option	12/16/2022	Cash	1,983	0.00003%
Call Option	12/20/2030	Cash	1,976	0.00003%
Forward	12/16/2022	Cash	1,973	0.00003%
Call Option	2/27/2023	Cash	1,972	0.00003%
Put Option	3/17/2023	Cash	1,964	0.00003%
Call Option	2/28/2025	Cash	1,963	0.00003%
Call Option	2/28/2025	Cash	1,963	0.00003%
Call Option	2/28/2025	Cash	1,963	0.00003%
Call Option	8/24/2023	Cash	1,957	0.00003%
Call Option	2/17/2023	Cash	1,948	0.00003%
Put Option	12/16/2022	Cash	1,943	0.00003%
Call Option	8/26/2026	Cash	1,941	0.00003%
Call Option	8/26/2026	Cash	1,941	0.00003%
Call Option	8/26/2026	Cash	1,941	0.00003%
Put Option	12/15/2023	Cash	1,939	0.00003%
Call Option	11/24/2023	Cash	1,937	0.00003%
Call Option	11/24/2023	Cash	1,937	0.00003%
Call Option	11/24/2023	Cash	1,937	0.00003%
Put Option	12/15/2028	Cash	1,936	0.00003%
Call Option	2/6/2023	Cash	1,927	0.00003%
Call Option	12/16/2022	Cash	1,926	0.00003%
Put Option	12/20/2024	Cash	1,916	0.00003%
Call Option	6/22/2023	Cash	1,912	0.00003%
Put Option	12/16/2022	Cash	1,910	0.00003%
Call Option	7/22/2024	Cash	1,908	0.00003%
Call Option	7/22/2024	Cash	1,908	0.00003%
Call Option	9/17/2024	Cash	1,906	0.00003%
Call Option	9/17/2024	Cash	1,906	0.00003%
Call Option	9/17/2024	Cash	1,906	0.00003%
Call Option	2/23/2027	Cash	1,906	0.00003%
Call Option	2/23/2027	Cash	1,906	0.00003%
Call Option	2/23/2027	Cash	1,906	0.00003%
Call Option	12/20/2024	Cash	1,900	0.00003%
Put Option	12/16/2022	Cash	1,897	0.00003%
Call Option	4/16/2026	Cash	1,895	0.00003%
Call Option	4/25/2023	Cash	1,895	0.00003%

Call Warrant	12/31/2030	cash	1,855	0.00003%
Call Option	7/28/2025	Cash	1,854	0.00003%
Call Option	7/28/2025	Cash	1,854	0.00003%
Call Option	7/28/2025	Cash	1,854	0.00003%
Put Option	12/15/2023	Cash	1,848	0.00003%
Call Option	12/16/2022	Cash	1,848	0.00003%
Put Option	12/15/2023	Cash	1,843	0.00003%
Call Option	3/26/2026	Cash	1,838	0.00003%
Call Option	3/26/2026	Cash	1,838	0.00003%
Call Option	3/26/2026	Cash	1,838	0.00003%
Put Option	12/16/2022	Cash	1,837	0.00003%
Forward	12/16/2022	Cash	1,836	0.00003%
Put Option	12/20/2024	Cash	1,832	0.00003%
Forward	12/16/2022	Cash	1,829	0.00003%
Put Option	12/20/2024	Cash	1,826	0.00003%
Call Option	12/16/2022	Cash	1,822	0.00003%
Call Option	1/26/2027	Cash	1,822	0.00003%
Call Option	1/26/2027	Cash	1,822	0.00003%
Call Option	1/26/2027	Cash	1,822	0.00003%
Forward	12/16/2022	Cash	1,822	0.00003%
Put Option	11/13/2025	Cash	1,818	0.00003%
Put Option	11/13/2025	Cash	1,818	0.00003%
Put Option	11/13/2025	Cash	1,818	0.00003%
Call Option	9/28/2026	Cash	1,812	0.00003%
Call Option	9/28/2026	Cash	1,812	0.00003%
Call Option	9/28/2026	Cash	1,812	0.00003%
Call Option	3/17/2023	Cash	1,812	0.00003%
Put Option	9/2/2027	Cash	1,811	0.00003%
Put Option	12/16/2022	Cash	1,805	0.00003%
Call Option	10/26/2023	Cash	1,799	0.00003%
Call Option	10/26/2023	Cash	1,799	0.00003%
Call Option	10/26/2023	Cash	1,799	0.00003%
Put Option	12/16/2022	Cash	1,796	0.00003%
Call Option	11/9/2027	Cash	1,794	0.00003%
Future	12/16/2022	Cash	1,794	0.00003%
Call Option	7/1/2024	Cash	1,794	0.00003%
Call Option	7/1/2024	Cash	1,794	0.00003%
Call Option	7/1/2024	Cash	1,794	0.00003%
Call Option	4/2/2024	Cash	1,793	0.00003%
Call Option	4/2/2024	Cash	1,793	0.00003%
Call Option	4/2/2024	Cash	1,793	0.00003%
Future	12/16/2022	Cash	1,792	0.00003%
Call Warrant	12/16/2022	physical	1,786	0.00003%
Put Option	12/16/2022	Cash	1,779	0.00003%
Put Option	9/3/2026	Cash	1,775	0.00003%
Put Option	12/21/2029	Cash	1,774	0.00003%
Call Option	12/18/2026	Cash	1,773	0.00003%
Call Option	12/15/2023	Cash	1,767	0.00003%
Call Option	12/15/2023	Cash	1,767	0.00003%
Call Option	1/19/2027	Cash	1,766	0.00003%
Call Option	1/19/2027	Cash	1,766	0.00003%
Call Option	1/19/2027	Cash	1,766	0.00003%
Call Option	12/16/2022	Cash	1,766	0.00003%
Forward	12/16/2022	Cash	1,765	0.00003%
Call Option	5/26/2028	Cash	1,761	0.00003%
Call Option	5/26/2028	Cash	1,761	0.00003%
Call Option	5/26/2028	Cash	1,761	0.00003%
Call Option	11/9/2027	Cash	1,758	0.00003%
Call Option	7/27/2026	Cash	1,757	0.00003%
Call Option	7/27/2026	Cash	1,757	0.00003%
Call Option	7/27/2026	Cash	1,757	0.00003%
Call Option	12/20/2024	Cash	1,754	0.00003%
Call Option	12/16/2022	Cash	1,752	0.00003%
Call Option	1/29/2024	Cash	1,737	0.00003%
Call Option	1/29/2024	Cash	1,737	0.00003%
Call Option	1/29/2024	Cash	1,737	0.00003%
Put Option	8/31/2023	Cash	1,735	0.00003%
Put Option	8/31/2023	Cash	1,735	0.00003%
Call Option	10/1/2027	Cash	1,734	0.00003%
Call Option	2/12/2024	Cash	1,732	0.00003%
Call Option	2/12/2024	Cash	1,732	0.00003%
Call Option	2/12/2024	Cash	1,732	0.00003%
Forward	12/16/2022	Cash	1,729	0.00003%

Put Option	6/16/2023	Cash	1,724	0.00003%
Future	12/16/2022	Cash	1,720	0.00003%
Future	12/16/2022	Cash	1,720	0.00003%
Call Option	12/16/2022	Cash	1,712	0.00003%
Call Option	5/3/2027	Cash	1,711	0.00003%
Call Option	5/3/2027	Cash	1,711	0.00003%
Call Option	5/3/2027	Cash	1,711	0.00003%
Put Option	2/17/2023	Cash	1,711	0.00003%
Call Option	8/21/2024	Cash	1,709	0.00003%
Call Option	8/21/2024	Cash	1,709	0.00003%
Call Option	8/21/2024	Cash	1,709	0.00003%
Call Option	12/22/2025	Cash	1,706	0.00003%
Call Option	12/16/2022	Cash	1,702	0.00003%
Call Option	6/25/2025	Cash	1,700	0.00003%
Call Warrant	12/31/2030	cash	1,697	0.00003%
Call Option	6/12/2023	Cash	1,690	0.00003%
Call Option	6/12/2023	Cash	1,690	0.00003%
Call Option	6/12/2023	Cash	1,690	0.00003%

Forward	12/16/2022	Cash	1,686	0.00003%
Put Option	1/20/2023	Cash	1,679	0.00003%
Call Option	11/29/2024	Cash	1,675	0.00003%
Call Option	11/29/2024	Cash	1,675	0.00003%
Call Option	11/29/2024	Cash	1,675	0.00003%
Call Option	10/26/2026	Cash	1,673	0.00003%
Call Option	10/26/2026	Cash	1,673	0.00003%
Call Option	10/26/2026	Cash	1,673	0.00003%
Call Option	12/20/2030	Cash	1,671	0.00003%
Call Option	2/18/2028	Cash	1,667	0.00003%
Call Option	2/18/2028	Cash	1,667	0.00003%
Call Option	2/18/2028	Cash	1,667	0.00003%
Call Option	11/24/2026	Cash	1,667	0.00003%
Call Option	11/24/2026	Cash	1,667	0.00003%
Call Option	11/24/2026	Cash	1,667	0.00003%
Call Option	7/19/2027	Cash	1,657	0.00003%
Call Option	7/19/2027	Cash	1,657	0.00003%
Call Option	7/19/2027	Cash	1,657	0.00003%
Put Option	12/18/2026	Cash	1,654	0.00003%
Call Option	8/26/2027	Cash	1,653	0.00003%
Call Option	8/26/2027	Cash	1,653	0.00003%
Call Option	8/26/2027	Cash	1,653	0.00003%
Call Option	5/21/2029	Cash	1,651	0.00003%
Call Option	1/31/2025	Cash	1,650	0.00003%
Call Option	1/31/2025	Cash	1,650	0.00003%
Call Option	1/31/2025	Cash	1,650	0.00003%
Swap	11/18/2032	Cash	1,647	0.00003%
Call Option	10/27/2025	Cash	1,643	0.00003%
Put Option	12/18/2026	Cash	1,637	0.00003%
Put Option	12/16/2022	Cash	1,632	0.00003%
Call Option	10/15/2026	Cash	1,632	0.00003%
Call Option	10/15/2026	Cash	1,632	0.00003%
Call Option	10/15/2026	Cash	1,632	0.00003%
Call Option	7/27/2026	Cash	1,625	0.00003%
Call Option	7/27/2026	Cash	1,625	0.00003%
Call Option	7/27/2026	Cash	1,625	0.00003%
Call Option	7/25/2024	Cash	1,624	0.00003%
Call Option	12/15/2028	Cash	1,623	0.00003%
Put Option	12/16/2022	Cash	1,622	0.00003%
Call Option	5/20/2027	Cash	1,620	0.00003%
Put Option	3/17/2023	Cash	1,609	0.00003%
Call Option	2/22/2023	Cash	1,609	0.00003%
Call Option	5/23/2025	Cash	1,607	0.00003%
Call Option	5/22/2023	Cash	1,606	0.00003%
Put Option	12/16/2022	Cash	1,604	0.00003%
Call Option	12/16/2022	Cash	1,598	0.00003%
Call Option	6/12/2023	Cash	1,596	0.00003%
Put Option	12/16/2022	Cash	1,591	0.00003%
Call Option	2/23/2027	Cash	1,590	0.00003%
Call Option	2/23/2027	Cash	1,590	0.00003%
Call Option	2/23/2027	Cash	1,590	0.00003%
Call Option	8/28/2028	Cash	1,587	0.00003%
Call Option	6/17/2027	Cash	1,584	0.00003%
Call Option	12/16/2022	Cash	1,583	0.00003%
Future	12/16/2022	Cash	1,577	0.00003%
Call Option	10/2/2023	Cash	1,576	0.00003%
Call Option	10/2/2023	Cash	1,576	0.00003%
Call Option	10/2/2023	Cash	1,576	0.00003%
Call Option	3/17/2023	Cash	1,573	0.00003%
Future	12/20/2024	Cash	1,572	0.00003%
Call Option	8/29/2025	Cash	1,568	0.00003%
Call Option	8/29/2025	Cash	1,568	0.00003%
Call Option	8/29/2025	Cash	1,568	0.00003%
Put Option	12/16/2022	Cash	1,566	0.00003%
Put Option	12/16/2022	Cash	1,565	0.00003%
Put Option	3/17/2023	Cash	1,563	0.00003%
Put Option	12/15/2028	Cash	1,559	0.00003%
Call Option	10/25/2024	Cash	1,559	0.00003%
Call Option	3/19/2029	Cash	1,559	0.00003%
Call Option	1/21/2025	Cash	1,557	0.00003%
Call Option	1/21/2025	Cash	1,557	0.00003%
Call Option	1/21/2025	Cash	1,557	0.00003%
Call Option	4/26/2027	Cash	1,555	0.00003%

Call Option	7/23/2026	Cash	1,511	0.00003%
Call Option	7/23/2026	Cash	1,511	0.00003%
Put Option	12/15/2023	Cash	1,509	0.00003%
Call Option	5/25/2028	Cash	1,503	0.00003%
Forward	12/16/2022	Cash	1,492	0.00003%
Call Option	1/26/2029	Cash	1,492	0.00003%
Put Option	2/17/2023	Cash	1,483	0.00003%
Call Option	3/16/2028	Cash	1,480	0.00003%
Put Option	12/16/2022	Cash	1,478	0.00003%
Forward	12/16/2022	Cash	1,478	0.00003%
Call Option	1/10/2023	Cash	1,474	0.00003%
Call Option	1/10/2023	Cash	1,474	0.00003%
Call Option	1/10/2023	Cash	1,474	0.00003%
Put Option	12/18/2026	Cash	1,470	0.00003%
Call Option	11/13/2023	Cash	1,465	0.00003%
Call Option	11/13/2023	Cash	1,465	0.00003%
Call Option	11/13/2023	Cash	1,465	0.00003%
Call Option	8/25/2026	Cash	1,464	0.00003%
Call Option	12/3/2029	Cash	1,457	0.00003%
Call Option	12/3/2029	Cash	1,457	0.00003%
Call Option	12/3/2029	Cash	1,457	0.00003%
Forward	12/16/2022	Cash	1,449	0.00003%
Call Option	10/22/2025	Cash	1,448	0.00003%
Call Option	10/22/2025	Cash	1,448	0.00003%
Call Option	10/22/2025	Cash	1,448	0.00003%
Put Option	7/12/2023	Cash	1,446	0.00003%
Put Option	12/16/2022	Cash	1,445	0.00003%
Call Option	10/27/2026	Cash	1,445	0.00003%
Call Option	10/27/2026	Cash	1,445	0.00003%
Call Option	10/27/2026	Cash	1,445	0.00003%
Put Option	12/19/2025	Cash	1,442	0.00003%
Forward	12/16/2022	Cash	1,435	0.00003%
Call Option	12/15/2028	Cash	1,434	0.00003%
Future	12/16/2022	Cash	1,434	0.00003%
Put Option	3/17/2023	Cash	1,432	0.00003%
Call Option	1/27/2026	Cash	1,431	0.00003%
Call Option	6/29/2023	Cash	1,429	0.00003%
Call Option	6/29/2023	Cash	1,429	0.00003%
Call Option	6/29/2023	Cash	1,429	0.00003%
Put Option	12/16/2022	Cash	1,423	0.00002%
Call Option	8/19/2024	Cash	1,421	0.00002%
Call Option	8/19/2024	Cash	1,421	0.00002%
Call Option	8/19/2024	Cash	1,421	0.00002%
Call Option	3/20/2025	Cash	1,421	0.00002%
Call Option	3/20/2025	Cash	1,421	0.00002%
Call Option	3/20/2025	Cash	1,421	0.00002%
Call Option	12/16/2022	Cash	1,420	0.00002%
Put Option	12/15/2023	Cash	1,417	0.00002%
Put Option	12/15/2028	Cash	1,417	0.00002%
Put Option	12/15/2028	Cash	1,417	0.00002%
Call Option	3/25/2024	Cash	1,405	0.00002%
Call Option	3/25/2024	Cash	1,405	0.00002%
Call Option	3/25/2024	Cash	1,405	0.00002%
Call Option	3/25/2024	Cash	1,403	0.00002%
Call Option	3/16/2023	Cash	1,402	0.00002%
Call Option	2/19/2026	Cash	1,400	0.00002%
Call Option	2/19/2026	Cash	1,400	0.00002%
Call Option	2/19/2026	Cash	1,400	0.00002%
Forward	12/16/2022	Cash	1,399	0.00002%
Call Option	4/23/2026	Cash	1,397	0.00002%
Call Option	8/31/2023	Cash	1,383	0.00002%
Call Option	8/31/2023	Cash	1,383	0.00002%
Call Option	8/31/2023	Cash	1,383	0.00002%
Call Option	4/24/2028	Cash	1,382	0.00002%
Call Option	4/24/2028	Cash	1,382	0.00002%
Call Option	4/24/2028	Cash	1,382	0.00002%
Call Option	6/25/2029	Cash	1,381	0.00002%
Call Option	12/15/2023	Cash	1,377	0.00002%
Call Option	12/23/2026	Cash	1,375	0.00002%
Call Option	12/23/2026	Cash	1,375	0.00002%
Call Option	12/23/2026	Cash	1,375	0.00002%
Call Option	12/16/2022	Cash	1,371	0.00002%
Call Option	12/22/2026	Cash	1,370	0.00002%

Call Option	9/27/2028	Cash	1,348	0.00002%
Call Option	4/26/2024	Cash	1,340	0.00002%
Call Option	4/26/2024	Cash	1,340	0.00002%
Call Option	4/26/2024	Cash	1,340	0.00002%
Put Option	12/16/2022	Cash	1,340	0.00002%
Put Option	12/20/2030	Cash	1,330	0.00002%
Call Option	2/18/2026	Cash	1,329	0.00002%
Call Option	2/18/2026	Cash	1,329	0.00002%
Call Option	2/18/2026	Cash	1,329	0.00002%
Put Option	12/20/2030	Cash	1,328	0.00002%
Forward	12/6/2022	Cash	1,327	0.00002%
Forward	12/9/2022	Cash	1,327	0.00002%
Put Option	12/15/2028	Cash	1,318	0.00002%
Forward	12/2/2022	Cash	1,317	0.00002%
Call Option	10/10/2025	Cash	1,306	0.00002%
Call Option	10/9/2023	Cash	1,305	0.00002%
Call Option	10/9/2023	Cash	1,305	0.00002%
Call Option	10/9/2023	Cash	1,305	0.00002%
Call Option	8/4/2025	Cash	1,299	0.00002%
Put Option	12/16/2022	Cash	1,297	0.00002%
Put Option	12/16/2022	Cash	1,297	0.00002%
Put Option	12/16/2022	Cash	1,296	0.00002%
Call Option	12/23/2024	Cash	1,291	0.00002%
Call Option	12/23/2024	Cash	1,291	0.00002%
Call Option	12/23/2024	Cash	1,291	0.00002%
Future	12/16/2022	Cash	1,290	0.00002%
Call Option	3/30/2027	Cash	1,288	0.00002%
Call Option	3/30/2027	Cash	1,288	0.00002%
Call Option	3/30/2027	Cash	1,288	0.00002%
Call Option	6/26/2023	Cash	1,288	0.00002%
Call Option	6/26/2023	Cash	1,288	0.00002%
Call Option	6/26/2023	Cash	1,288	0.00002%
Put Option	12/16/2022	Cash	1,287	0.00002%
Call Option	2/23/2026	Cash	1,286	0.00002%
Call Option	2/23/2026	Cash	1,286	0.00002%
Call Option	2/23/2026	Cash	1,286	0.00002%
Forward	12/16/2022	Cash	1,284	0.00002%
Forward	12/16/2022	Cash	1,284	0.00002%
Call Option	12/18/2026	Cash	1,281	0.00002%
Put Option	12/16/2022	Cash	1,279	0.00002%
Put Option	12/16/2022	Cash	1,279	0.00002%
Call Option	7/20/2023	Cash	1,278	0.00002%
Put Option	1/20/2023	Cash	1,276	0.00002%
Call Option	9/27/2028	Cash	1,275	0.00002%
Call Option	12/20/2024	Cash	1,274	0.00002%
Call Option	1/22/2026	Cash	1,273	0.00002%
Put Option	12/15/2023	Cash	1,271	0.00002%
Put Option	12/15/2023	Cash	1,264	0.00002%
Call Option	3/18/2027	Cash	1,263	0.00002%
Put Option	12/16/2022	Cash	1,260	0.00002%
Call Option	12/22/2025	Cash	1,259	0.00002%
Call Option	10/31/2023	Cash	1,256	0.00002%
Call Option	10/31/2023	Cash	1,256	0.00002%
Call Option	10/31/2023	Cash	1,256	0.00002%
Forward	12/16/2022	Cash	1,255	0.00002%
Forward	12/16/2022	Cash	1,255	0.00002%
Forward	12/16/2022	Cash	1,255	0.00002%
Put Option	12/15/2023	Cash	1,255	0.00002%
Call Option	1/8/2024	Cash	1,254	0.00002%
Call Option	1/8/2024	Cash	1,254	0.00002%
Call Option	1/8/2024	Cash	1,254	0.00002%
Put Option	9/15/2023	Cash	1,253	0.00002%
Put Option	3/17/2023	Cash	1,250	0.00002%
Forward	12/16/2022	Cash	1,248	0.00002%
Call Option	12/16/2027	Cash	1,248	0.00002%
Call Option	3/4/2024	Cash	1,248	0.00002%
Call Option	3/4/2024	Cash	1,248	0.00002%
Call Option	3/4/2024	Cash	1,248	0.00002%
Put Option	12/16/2022	Cash	1,247	0.00002%
Call Option	10/12/2026	Cash	1,247	0.00002%
Put Option	12/16/2022	Cash	1,243	0.00002%
Call Option	8/21/2025	Cash	1,243	0.00002%
Call Option	8/21/2025	Cash	1,243	0.00002%

Call Option	8/21/2025	Cash	1,243	0.00002%
Future	12/21/2029	Cash	1,238	0.00002%
Put Option	12/15/2028	Cash	1,233	0.00002%
Put Option	3/17/2023	Cash	1,231	0.00002%
Future	12/20/2030	Cash	1,229	0.00002%
Put Option	12/15/2028	Cash	1,229	0.00002%
Call Option	3/18/2026	Cash	1,225	0.00002%
Call Option	3/18/2026	Cash	1,225	0.00002%
Call Option	3/18/2026	Cash	1,225	0.00002%
Future	12/15/2028	Cash	1,225	0.00002%
Call Option	8/25/2023	Cash	1,224	0.00002%
Call Option	8/25/2023	Cash	1,224	0.00002%
Call Option	11/23/2026	Cash	1,220	0.00002%
Call Option	11/23/2026	Cash	1,220	0.00002%
Call Option	11/23/2026	Cash	1,220	0.00002%
Call Option	9/15/2023	Cash	1,220	0.00002%
Future	12/16/2022	Cash	1,219	0.00002%
Call Option	12/16/2022	Cash	1,218	0.00002%

Call Option	12/16/2022	Cash	1,218	0.00002%
Put Option	12/16/2022	Cash	1,215	0.00002%
Put Option	12/16/2022	Cash	1,215	0.00002%
Call Option	10/28/2027	Cash	1,209	0.00002%
Call Option	8/28/2028	Cash	1,208	0.00002%
Call Option	12/29/2023	Cash	1,207	0.00002%
Call Option	12/29/2023	Cash	1,207	0.00002%
Call Option	12/29/2023	Cash	1,207	0.00002%
Call Option	11/30/2023	Cash	1,207	0.00002%
Call Option	11/30/2023	Cash	1,207	0.00002%
Call Option	11/30/2023	Cash	1,207	0.00002%
Call Option	1/25/2024	Cash	1,205	0.00002%
Call Option	1/25/2024	Cash	1,205	0.00002%
Call Option	2/6/2023	Cash	1,199	0.00002%
Put Option	12/16/2022	Cash	1,198	0.00002%
Put Option	12/16/2022	Cash	1,195	0.00002%
Call Option	11/23/2029	Cash	1,195	0.00002%
Future	12/17/2027	Cash	1,194	0.00002%
Put Option	12/16/2022	Cash	1,190	0.00002%
Call Option	11/28/2024	Cash	1,189	0.00002%
Call Option	11/28/2024	Cash	1,189	0.00002%
Call Option	11/26/2027	Cash	1,189	0.00002%
Put Option	12/16/2022	Cash	1,186	0.00002%
Call Option	3/20/2023	Cash	1,185	0.00002%
Call Option	3/20/2023	Cash	1,185	0.00002%
Call Option	3/20/2023	Cash	1,185	0.00002%
Put Option	3/22/2024	Cash	1,185	0.00002%
Put Option	12/16/2022	Cash	1,184	0.00002%
Forward	12/16/2022	Cash	1,176	0.00002%
Call Option	12/27/2023	Cash	1,172	0.00002%
Call Option	12/27/2023	Cash	1,172	0.00002%
Call Option	12/27/2023	Cash	1,172	0.00002%
Put Option	12/16/2022	Cash	1,172	0.00002%
Put Option	12/16/2022	Cash	1,171	0.00002%
Call Option	6/25/2025	Cash	1,170	0.00002%
Call Option	6/25/2025	Cash	1,170	0.00002%
Call Option	6/25/2025	Cash	1,170	0.00002%
Call Option	11/20/2023	Cash	1,168	0.00002%
Call Option	11/20/2023	Cash	1,168	0.00002%
Call Option	11/20/2023	Cash	1,168	0.00002%
Call Option	1/26/2026	Cash	1,167	0.00002%
Call Option	1/26/2026	Cash	1,167	0.00002%
Call Option	1/26/2026	Cash	1,167	0.00002%
Call Option	10/27/2027	Cash	1,164	0.00002%
Forward	12/16/2022	Cash	1,162	0.00002%
Call Option	10/11/2027	Cash	1,155	0.00002%
Call Option	12/15/2028	Cash	1,155	0.00002%
Put Option	1/26/2028	Cash	1,155	0.00002%
Put Option	1/26/2028	Cash	1,155	0.00002%
Call Option	3/3/2027	Cash	1,153	0.00002%
Call Option	12/20/2030	Cash	1,152	0.00002%
Put Option	12/20/2024	Cash	1,148	0.00002%
Call Option	7/26/2024	Cash	1,145	0.00002%
Call Option	7/26/2024	Cash	1,145	0.00002%
Call Option	7/26/2024	Cash	1,145	0.00002%
Put Option	1/20/2023	Cash	1,138	0.00002%
Call Option	2/18/2027	Cash	1,134	0.00002%
Call Option	12/16/2022	Cash	1,133	0.00002%
Call Option	12/15/2023	Cash	1,132	0.00002%
Call Option	3/31/2035	Cash	1,131	0.00002%
Put Option	12/20/2024	Cash	1,130	0.00002%
Call Option	10/26/2023	Cash	1,128	0.00002%
Put Option	12/16/2022	Cash	1,128	0.00002%
Call Option	5/21/2027	Cash	1,127	0.00002%
Call Option	5/21/2027	Cash	1,127	0.00002%
Call Option	5/21/2027	Cash	1,127	0.00002%
Call Option	6/25/2029	Cash	1,127	0.00002%
Call Option	3/18/2024	Cash	1,126	0.00002%
Call Option	3/18/2024	Cash	1,126	0.00002%
Call Option	3/18/2024	Cash	1,126	0.00002%
Put Option	12/16/2022	Cash	1,126	0.00002%
Call Option	9/24/2025	Cash	1,126	0.00002%
Call Option	12/16/2022	Cash	1,124	0.00002%

Call Option	12/18/2026	Cash	1,122	0.00002%
Put Option	12/16/2022	Cash	1,115	0.00002%
Put Option	8/7/2023	Cash	1,114	0.00002%
Put Option	8/7/2023	Cash	1,114	0.00002%
Call Option	2/26/2024	Cash	1,113	0.00002%
Call Option	2/26/2024	Cash	1,113	0.00002%
Call Option	2/26/2024	Cash	1,113	0.00002%
Call Option	2/25/2025	Cash	1,113	0.00002%
Call Option	2/25/2025	Cash	1,113	0.00002%
Call Option	2/25/2025	Cash	1,113	0.00002%
Put Option	1/28/2025	Cash	1,109	0.00002%
Put Option	1/28/2025	Cash	1,109	0.00002%
Put Option	1/28/2025	Cash	1,109	0.00002%
Put Option	12/20/2024	Cash	1,109	0.00002%
Call Option	3/17/2023	Cash	1,108	0.00002%
Put Option	12/15/2023	Cash	1,099	0.00002%
Put Option	3/17/2023	Cash	1,098	0.00002%
Forward	12/16/2022	Cash	1,097	0.00002%

Swap	10/20/2032	Cash	1,097	0.00002%
Put Option	12/16/2022	Cash	1,096	0.00002%
Call Option	4/7/2027	Cash	1,095	0.00002%
Call Option	7/22/2026	Cash	1,092	0.00002%
Put Option	12/15/2023	Cash	1,090	0.00002%
Call Option	1/18/2024	Cash	1,087	0.00002%
Call Option	10/10/2028	Cash	1,086	0.00002%
Call Option	12/29/2023	Cash	1,086	0.00002%
Future	12/18/2026	Cash	1,084	0.00002%
Put Option	9/6/2023	Cash	1,084	0.00002%
Call Option	5/31/2024	Cash	1,083	0.00002%
Call Option	5/31/2024	Cash	1,083	0.00002%
Call Option	5/31/2024	Cash	1,083	0.00002%
Call Option	8/27/2024	Cash	1,083	0.00002%
Call Option	9/17/2025	Cash	1,082	0.00002%
Call Option	9/17/2025	Cash	1,082	0.00002%
Call Option	9/17/2025	Cash	1,082	0.00002%
Call Option	5/20/2026	Cash	1,081	0.00002%
Call Option	5/20/2026	Cash	1,081	0.00002%
Call Option	5/20/2026	Cash	1,081	0.00002%
Call Option	4/28/2023	Cash	1,081	0.00002%
Call Option	4/28/2023	Cash	1,081	0.00002%
Call Option	4/28/2023	Cash	1,081	0.00002%
Call Option	8/20/2026	Cash	1,078	0.00002%
Call Option	8/20/2026	Cash	1,078	0.00002%
Call Option	8/20/2026	Cash	1,078	0.00002%
Future	12/16/2022	Cash	1,077	0.00002%
Call Option	7/26/2023	Cash	1,076	0.00002%
Call Option	7/26/2023	Cash	1,076	0.00002%
Call Option	7/26/2023	Cash	1,076	0.00002%
Forward	12/16/2022	Cash	1,076	0.00002%
Future	12/16/2022	Cash	1,075	0.00002%
Put Option	12/16/2022	Cash	1,067	0.00002%
Call Option	12/23/2024	Cash	1,066	0.00002%
Call Option	12/23/2024	Cash	1,066	0.00002%
Call Option	12/23/2024	Cash	1,066	0.00002%
Call Option	10/4/2024	Cash	1,066	0.00002%
Call Option	10/4/2024	Cash	1,066	0.00002%
Call Option	10/4/2024	Cash	1,066	0.00002%
Call Option	4/30/2024	Cash	1,065	0.00002%
Call Option	4/30/2024	Cash	1,065	0.00002%
Call Option	4/30/2024	Cash	1,065	0.00002%
Call Option	7/25/2024	Cash	1,064	0.00002%
Forward	12/16/2022	Cash	1,062	0.00002%
Put Option	6/16/2023	Cash	1,061	0.00002%
Call Option	8/21/2026	Cash	1,061	0.00002%
Call Option	8/21/2026	Cash	1,061	0.00002%
Call Option	8/21/2026	Cash	1,061	0.00002%
Call Option	1/25/2027	Cash	1,059	0.00002%
Call Option	1/25/2027	Cash	1,059	0.00002%
Call Option	1/25/2027	Cash	1,059	0.00002%
Put Option	12/16/2022	Cash	1,055	0.00002%
Call Option	12/29/2023	Cash	1,054	0.00002%
Call Option	1/27/2023	Cash	1,048	0.00002%
Call Option	1/27/2023	Cash	1,048	0.00002%
Call Option	1/27/2023	Cash	1,048	0.00002%
Call Option	4/26/2029	Cash	1,048	0.00002%
Put Option	12/20/2030	Cash	1,047	0.00002%
Put Option	2/18/2025	Cash	1,044	0.00002%
Put Option	2/18/2025	Cash	1,044	0.00002%
Put Option	2/18/2025	Cash	1,044	0.00002%
Call Option	8/27/2025	Cash	1,044	0.00002%
Put Option	6/16/2023	Cash	1,037	0.00002%
Put Option	1/26/2028	Cash	1,034	0.00002%
Put Option	1/26/2028	Cash	1,034	0.00002%
Call Option	6/26/2023	Cash	1,031	0.00002%
Call Option	6/26/2023	Cash	1,031	0.00002%
Call Option	1/27/2025	Cash	1,029	0.00002%
Put Option	12/16/2022	Cash	1,028	0.00002%
Forward	12/16/2022	Cash	1,026	0.00002%
Call Option	5/3/2027	Cash	1,026	0.00002%
Call Option	5/3/2027	Cash	1,026	0.00002%
Call Option	5/3/2027	Cash	1,026	0.00002%

Call Option	2/23/2029	Cash	1,025	0.00002%
Put Option	1/20/2023	Cash	1,024	0.00002%
Call Option	3/31/2023	Cash	1,023	0.00002%
Call Option	3/31/2023	Cash	1,023	0.00002%
Call Option	3/31/2023	Cash	1,023	0.00002%
Call Option	2/12/2026	Cash	1,023	0.00002%
Forward	12/16/2022	Cash	1,019	0.00002%
Put Option	10/26/2028	Cash	1,014	0.00002%
Put Option	10/26/2028	Cash	1,014	0.00002%
Put Option	10/26/2028	Cash	1,014	0.00002%
Forward	12/16/2022	Cash	1,011	0.00002%
Put Option	12/18/2026	Cash	1,010	0.00002%
Call Option	12/27/2028	Cash	1,008	0.00002%
Put Option	3/17/2023	Cash	1,006	0.00002%
Future	12/16/2022	Cash	1,003	0.00002%
Call Option	5/12/2025	Cash	1,000	0.00002%
Call Warrant	12/31/2030	cash	1,000	0.00002%
Call Option	6/19/2026	Cash	1,000	0.00002%

Call Option	6/19/2026	Cash	1,000	0.00002%
Call Option	6/19/2026	Cash	1,000	0.00002%
Call Option	3/25/2025	Cash	998	0.00002%
Forward	12/16/2022	Cash	997	0.00002%
Forward	12/16/2022	Cash	997	0.00002%
Put Option	5/30/2023	Cash	994	0.00002%
Call Option	6/22/2029	Cash	989	0.00002%
Call Option	3/25/2027	Cash	986	0.00002%
Call Option	10/10/2024	Cash	985	0.00002%
Call Option	5/31/2024	Cash	985	0.00002%
Call Option	5/31/2024	Cash	985	0.00002%
Call Option	5/31/2024	Cash	985	0.00002%
Put Option	12/16/2022	Cash	983	0.00002%
Call Option	1/21/2027	Cash	981	0.00002%
Call Option	1/21/2027	Cash	981	0.00002%
Call Option	1/21/2027	Cash	981	0.00002%
Call Option	10/9/2029	Cash	980	0.00002%
Call Option	1/21/2026	Cash	976	0.00002%
Call Option	1/21/2026	Cash	976	0.00002%
Call Option	1/21/2026	Cash	976	0.00002%
Call Option	12/16/2022	Cash	974	0.00002%
Call Option	5/24/2024	Cash	974	0.00002%
Call Option	3/30/2027	Cash	973	0.00002%
Call Option	3/30/2027	Cash	973	0.00002%
Call Option	3/30/2027	Cash	973	0.00002%
Put Option	12/20/2030	Cash	972	0.00002%
Call Option	10/27/2028	Cash	972	0.00002%
Future	12/16/2022	Cash	968	0.00002%
Put Option	12/16/2022	Cash	967	0.00002%
Call Option	7/28/2025	Cash	966	0.00002%
Call Option	7/28/2025	Cash	966	0.00002%
Call Option	7/28/2025	Cash	966	0.00002%
Call Option	2/14/2029	Cash	965	0.00002%
Put Option	9/26/2023	Cash	961	0.00002%
Put Option	9/26/2023	Cash	961	0.00002%
Put Option	9/26/2023	Cash	961	0.00002%
Put Option	12/20/2024	Cash	961	0.00002%
Call Option	1/26/2027	Cash	955	0.00002%
Call Option	1/26/2027	Cash	955	0.00002%
Call Option	1/26/2027	Cash	955	0.00002%
Call Option	6/28/2027	Cash	953	0.00002%
Call Option	6/28/2027	Cash	953	0.00002%
Call Option	6/28/2027	Cash	953	0.00002%
Call Option	5/24/2024	Cash	950	0.00002%
Put Option	12/16/2022	Cash	947	0.00002%
Put Option	12/16/2022	Cash	945	0.00002%
Put Option	12/16/2022	Cash	944	0.00002%
Call Option	8/28/2024	Cash	943	0.00002%
Call Option	8/28/2024	Cash	943	0.00002%
Call Option	8/28/2024	Cash	943	0.00002%
Put Option	12/15/2023	Cash	942	0.00002%
Forward	12/16/2022	Cash	940	0.00002%
Call Option	7/24/2023	Cash	937	0.00002%
Call Option	2/28/2023	Cash	936	0.00002%
Call Option	2/28/2023	Cash	936	0.00002%
Call Option	2/28/2023	Cash	936	0.00002%
Call Option	6/26/2024	Cash	934	0.00002%
Call Option	6/26/2024	Cash	934	0.00002%
Call Option	6/26/2024	Cash	934	0.00002%
Call Option	7/24/2025	Cash	933	0.00002%
Call Option	7/24/2025	Cash	933	0.00002%
Call Option	7/24/2025	Cash	933	0.00002%
Future	12/16/2022	Cash	932	0.00002%
Call Option	12/18/2023	Cash	932	0.00002%
Call Option	12/20/2022	Cash	931	0.00002%
Call Option	12/20/2022	Cash	931	0.00002%
Call Option	12/20/2022	Cash	931	0.00002%
Put Option	12/20/2024	Cash	928	0.00002%
Call Option	7/24/2029	Cash	927	0.00002%
Put Option	1/20/2023	Cash	925	0.00002%
Put Option	10/26/2028	Cash	922	0.00002%
Put Option	10/26/2028	Cash	922	0.00002%
Put Option	10/26/2028	Cash	922	0.00002%

Call Option	3/18/2024	Cash	918	0.00002%
Call Option	3/18/2024	Cash	918	0.00002%
Call Option	3/18/2024	Cash	918	0.00002%
Put Option	12/15/2023	Cash	916	0.00002%
Put Option	6/16/2023	Cash	915	0.00002%
Put Option	12/16/2022	Cash	912	0.00002%
Call Option	12/29/2023	Cash	904	0.00002%
Forward	12/16/2022	Cash	904	0.00002%
Forward	12/16/2022	Cash	904	0.00002%
Call Option	10/27/2028	Cash	901	0.00002%
Forward	12/16/2022	Cash	897	0.00002%
Swap	10/6/2023	Cash	895	0.00002%
Call Option	5/26/2027	Cash	894	0.00002%
Call Option	7/26/2027	Cash	894	0.00002%
Call Option	7/26/2027	Cash	894	0.00002%
Call Option	7/26/2027	Cash	894	0.00002%
Forward	12/16/2022	Cash	889	0.00002%
Put Option	12/16/2022	Cash	886	0.00002%

Call Option	11/24/2025	Cash	885	0.00002%
Call Option	8/11/2023	Cash	882	0.00002%
Call Option	8/11/2023	Cash	882	0.00002%
Call Option	8/11/2023	Cash	882	0.00002%
Future	12/15/2023	Cash	878	0.00002%
Put Option	12/26/2023	Cash	878	0.00002%
Put Option	12/26/2023	Cash	878	0.00002%
Put Option	12/26/2023	Cash	878	0.00002%
Call Option	7/2/2030	Cash	868	0.00002%
Call Option	6/25/2024	Cash	868	0.00002%
Call Option	6/25/2024	Cash	868	0.00002%
Call Option	6/25/2024	Cash	868	0.00002%
Forward	12/16/2022	Cash	868	0.00002%
Put Option	12/16/2022	Cash	866	0.00002%
Call Option	4/28/2028	Cash	865	0.00002%
Call Option	4/28/2028	Cash	865	0.00002%
Call Option	4/28/2028	Cash	865	0.00002%
Forward	12/16/2022	Cash	861	0.00002%
Future	12/16/2022	Cash	860	0.00002%
Call Option	6/10/2024	Cash	858	0.00002%
Call Option	1/26/2029	Cash	857	0.00002%
Future	3/17/2023	Cash	857	0.00002%
Call Option	3/31/2025	Cash	855	0.00002%
Call Option	3/31/2025	Cash	855	0.00002%
Call Option	3/31/2025	Cash	855	0.00002%
Forward	12/16/2022	Cash	854	0.00001%
Put Option	8/31/2023	Cash	853	0.00001%
Put Option	8/31/2023	Cash	853	0.00001%
Call Option	12/23/2025	Cash	852	0.00001%
Call Option	12/23/2025	Cash	852	0.00001%
Call Option	12/23/2025	Cash	852	0.00001%
Call Option	6/18/2026	Cash	852	0.00001%
Call Option	7/14/2023	Cash	849	0.00001%
Put Option	8/7/2023	Cash	839	0.00001%
Forward	12/16/2022	Cash	839	0.00001%
Call Option	1/29/2024	Cash	839	0.00001%
Call Option	1/29/2024	Cash	839	0.00001%
Call Option	1/29/2024	Cash	839	0.00001%
Call Option	2/18/2025	Cash	839	0.00001%
Call Option	2/18/2025	Cash	839	0.00001%
Call Option	2/18/2025	Cash	839	0.00001%
Call Option	2/27/2035	Cash	831	0.00001%
Call Option	11/23/2028	Cash	831	0.00001%
Call Option	9/18/2023	Cash	829	0.00001%
Forward	12/16/2022	Cash	825	0.00001%
Forward	12/16/2022	Cash	825	0.00001%
Put Option	12/16/2022	Cash	825	0.00001%
Put Option	1/20/2023	Cash	820	0.00001%
Forward	12/16/2022	Cash	818	0.00001%
Call Option	6/28/2024	Cash	817	0.00001%
Call Option	6/28/2024	Cash	817	0.00001%
Call Option	6/28/2024	Cash	817	0.00001%
Call Option	7/27/2029	Cash	814	0.00001%
Call Option	10/31/2023	Cash	811	0.00001%
Call Option	10/31/2023	Cash	811	0.00001%
Call Option	10/31/2023	Cash	811	0.00001%
Call Option	11/27/2023	Cash	810	0.00001%
Call Option	11/27/2023	Cash	810	0.00001%
Call Option	11/27/2023	Cash	810	0.00001%
Call Option	3/27/2023	Cash	809	0.00001%
Call Option	3/27/2023	Cash	809	0.00001%
Call Option	3/27/2023	Cash	809	0.00001%
Put Option	12/16/2022	Cash	803	0.00001%
Call Option	6/30/2023	Cash	803	0.00001%
Call Option	6/30/2023	Cash	803	0.00001%
Call Option	6/30/2023	Cash	803	0.00001%
Swap	4/19/2027	Cash	802	0.00001%
Put Option	12/15/2023	Cash	802	0.00001%
Call Option	2/21/2028	Cash	802	0.00001%
Put Option	12/16/2022	Cash	799	0.00001%
Call Option	5/20/2027	Cash	798	0.00001%
Call Option	5/20/2027	Cash	798	0.00001%
Call Option	5/20/2027	Cash	798	0.00001%

Put Option	12/16/2022	Cash	798	0.00001%
Put Option	12/16/2022	Cash	798	0.00001%
Call Option	9/25/2024	Cash	798	0.00001%
Forward	12/16/2022	Cash	796	0.00001%
Forward	12/16/2022	Cash	796	0.00001%
Call Option	4/24/2025	Cash	796	0.00001%
Future	12/16/2022	Cash	796	0.00001%
Call Option	12/28/2022	Cash	791	0.00001%
Call Option	12/28/2022	Cash	791	0.00001%
Call Option	2/24/2025	Cash	791	0.00001%
Future	12/16/2022	Cash	789	0.00001%
Call Option	3/31/2023	Cash	788	0.00001%
Call Option	3/31/2023	Cash	788	0.00001%
Call Option	3/31/2023	Cash	788	0.00001%
Call Option	12/15/2023	Cash	787	0.00001%
Call Option	12/15/2023	Cash	787	0.00001%
Put Option	5/5/2023	Cash	783	0.00001%
Call Option	12/22/2025	Cash	779	0.00001%

Call Option	12/22/2025	Cash	779	0.00001%
Call Option	12/22/2025	Cash	779	0.00001%
Call Option	9/24/2025	Cash	777	0.00001%
Put Option	10/16/2025	Cash	773	0.00001%
Put Option	10/16/2025	Cash	773	0.00001%
Put Option	10/16/2025	Cash	773	0.00001%
Call Option	5/25/2029	Cash	769	0.00001%
Call Option	4/22/2027	Cash	769	0.00001%
Call Option	4/22/2027	Cash	769	0.00001%
Call Option	4/22/2027	Cash	769	0.00001%
Call Option	11/19/2024	Cash	767	0.00001%
Call Option	11/19/2024	Cash	767	0.00001%
Call Option	11/19/2024	Cash	767	0.00001%
Put Option	12/15/2028	Cash	766	0.00001%
Swap	3/25/2027	Cash	759	0.00001%
Forward	12/16/2022	Cash	753	0.00001%
Put Option	12/16/2022	Cash	752	0.00001%
Put Option	12/16/2022	Cash	752	0.00001%
Call Option	3/31/2023	Cash	743	0.00001%
Call Option	3/31/2023	Cash	743	0.00001%
Call Option	3/31/2023	Cash	743	0.00001%
Put Option	12/15/2023	Cash	741	0.00001%
Call Option	8/7/2028	Cash	738	0.00001%
Call Option	2/18/2027	Cash	737	0.00001%
Call Option	2/18/2027	Cash	737	0.00001%
Call Option	2/18/2027	Cash	737	0.00001%
Call Option	11/19/2025	Cash	736	0.00001%
Call Option	11/19/2025	Cash	736	0.00001%
Call Option	11/19/2025	Cash	736	0.00001%
Call Option	5/26/2025	Cash	734	0.00001%
Call Option	5/26/2025	Cash	734	0.00001%
Call Option	5/26/2025	Cash	734	0.00001%
Put Option	12/16/2022	Cash	731	0.00001%
Call Option	6/29/2027	Cash	731	0.00001%
Call Option	8/20/2027	Cash	728	0.00001%
Call Option	8/20/2027	Cash	728	0.00001%
Call Option	8/20/2027	Cash	728	0.00001%
Put Option	12/16/2022	Cash	726	0.00001%
Call Option	8/3/2027	Cash	725	0.00001%
Call Option	4/25/2025	Cash	720	0.00001%
Call Option	4/25/2025	Cash	720	0.00001%
Call Option	4/25/2025	Cash	720	0.00001%
Put Option	7/26/2028	Cash	719	0.00001%
Put Option	7/26/2028	Cash	719	0.00001%
Put Option	7/26/2028	Cash	719	0.00001%
Call Option	12/29/2026	Cash	718	0.00001%
Call Option	12/29/2026	Cash	718	0.00001%
Call Option	12/29/2026	Cash	718	0.00001%
Future	12/16/2022	Cash	717	0.00001%
Future	12/16/2022	Cash	717	0.00001%
Forward	12/16/2022	Cash	710	0.00001%
Forward	12/16/2022	Cash	710	0.00001%
Put Option	4/25/2023	Cash	710	0.00001%
Call Option	11/20/2023	Cash	709	0.00001%
Put Option	9/6/2023	Cash	709	0.00001%
Call Option	2/26/2025	Cash	708	0.00001%
Call Option	9/18/2025	Cash	707	0.00001%
Call Option	9/18/2025	Cash	707	0.00001%
Call Option	9/18/2025	Cash	707	0.00001%
Forward	12/16/2022	Cash	703	0.00001%
Forward	12/16/2022	Cash	703	0.00001%
Put Option	12/16/2022	Cash	702	0.00001%
Put Option	12/16/2022	Cash	702	0.00001%
Put Option	12/16/2022	Cash	701	0.00001%
Put Option	12/16/2022	Cash	701	0.00001%
Call Option	12/15/2023	Cash	701	0.00001%
Put Option	12/26/2028	Cash	700	0.00001%
Put Option	12/26/2028	Cash	700	0.00001%
Put Option	12/26/2028	Cash	700	0.00001%
Call Warrant	12/31/2030	cash	700	0.00001%
Call Warrant	6/16/2023	cash	700	0.00001%
Call Option	9/28/2023	Cash	699	0.00001%
Call Option	9/28/2023	Cash	699	0.00001%

Call Option	9/28/2023	Cash	699	0.00001%
Put Option	1/28/2025	Cash	698	0.00001%
Put Option	1/28/2025	Cash	698	0.00001%
Put Option	1/28/2025	Cash	698	0.00001%
Call Option	1/29/2024	Cash	696	0.00001%
Call Option	1/29/2024	Cash	696	0.00001%
Call Option	1/29/2024	Cash	696	0.00001%
Future	12/16/2022	Cash	695	0.00001%
Put Option	12/16/2022	Cash	693	0.00001%
Call Option	6/23/2023	Cash	693	0.00001%
Call Option	6/23/2023	Cash	693	0.00001%
Call Option	6/23/2023	Cash	693	0.00001%
Call Option	5/30/2023	Cash	691	0.00001%
Call Option	5/30/2023	Cash	691	0.00001%
Call Option	5/30/2023	Cash	691	0.00001%
Call Option	8/26/2025	Cash	690	0.00001%
Call Option	8/26/2025	Cash	690	0.00001%
Call Option	8/26/2025	Cash	690	0.00001%

Call Option	6/24/2024	Cash	685	0.00001%
Call Option	11/30/2023	Cash	685	0.00001%
Call Option	11/30/2023	Cash	685	0.00001%
Call Option	11/30/2023	Cash	685	0.00001%
Call Option	1/29/2024	Cash	684	0.00001%
Call Option	1/29/2024	Cash	684	0.00001%
Call Option	1/29/2024	Cash	684	0.00001%
Call Option	7/31/2024	Cash	683	0.00001%
Call Option	7/31/2024	Cash	683	0.00001%
Call Option	7/31/2024	Cash	683	0.00001%
Put Option	12/16/2022	Cash	683	0.00001%
Forward	12/16/2022	Cash	681	0.00001%
Put Option	12/16/2022	Cash	676	0.00001%
Forward	12/16/2022	Cash	674	0.00001%
Put Option	3/17/2023	Cash	674	0.00001%
Put Option	12/16/2022	Cash	672	0.00001%
Call Option	12/16/2022	Cash	672	0.00001%
Put Option	3/25/2024	Cash	670	0.00001%
Put Option	3/25/2024	Cash	670	0.00001%
Put Option	3/25/2024	Cash	670	0.00001%
Put Option	12/16/2022	Cash	669	0.00001%
Put Option	12/16/2022	Cash	669	0.00001%
Call Option	8/30/2024	Cash	665	0.00001%
Call Option	8/30/2024	Cash	665	0.00001%
Call Option	8/30/2024	Cash	665	0.00001%
Call Option	3/24/2025	Cash	661	0.00001%
Call Option	3/24/2025	Cash	661	0.00001%
Call Option	3/24/2025	Cash	661	0.00001%
Call Option	6/29/2029	Cash	661	0.00001%
Call Option	6/29/2029	Cash	661	0.00001%
Call Option	6/29/2029	Cash	661	0.00001%
Swap	4/19/2027	Cash	659	0.00001%
Put Option	12/15/2023	Cash	659	0.00001%
Future	12/15/2023	Cash	659	0.00001%
Call Option	4/25/2024	Cash	657	0.00001%
Call Option	4/25/2024	Cash	657	0.00001%
Call Option	4/25/2024	Cash	657	0.00001%
Call Option	8/28/2023	Cash	657	0.00001%
Call Option	8/28/2023	Cash	657	0.00001%
Call Option	8/28/2023	Cash	657	0.00001%
Call Option	2/19/2027	Cash	657	0.00001%
Call Option	2/19/2027	Cash	657	0.00001%
Call Option	2/19/2027	Cash	657	0.00001%
Put Option	8/7/2023	Cash	657	0.00001%
Call Option	10/23/2026	Cash	657	0.00001%
Call Option	11/26/2025	Cash	656	0.00001%
Call Option	9/27/2029	Cash	653	0.00001%
Forward	12/16/2022	Cash	653	0.00001%
Call Option	9/18/2026	Cash	650	0.00001%
Call Option	9/18/2026	Cash	650	0.00001%
Call Option	9/18/2026	Cash	650	0.00001%
Put Option	7/26/2028	Cash	648	0.00001%
Put Option	7/26/2028	Cash	648	0.00001%
Put Option	7/26/2028	Cash	648	0.00001%
Call Option	12/29/2023	Cash	646	0.00001%
Put Option	12/15/2023	Cash	645	0.00001%
Future	12/16/2022	Cash	645	0.00001%
Future	12/16/2022	Cash	645	0.00001%
Forward	12/16/2022	Cash	638	0.00001%
Call Option	9/27/2028	Cash	634	0.00001%
Call Option	8/27/2029	Cash	634	0.00001%
Call Option	4/27/2029	Cash	633	0.00001%
Swap	10/2/2030	Cash	632	0.00001%
Forward	12/16/2022	Cash	631	0.00001%
Forward	12/16/2022	Cash	631	0.00001%
Forward	12/16/2022	Cash	631	0.00001%
Put Option	12/26/2023	Cash	631	0.00001%

Put Option	12/26/2023	Cash	631	0.00001%
Put Option	12/26/2023	Cash	631	0.00001%
Call Option	1/28/2030	Cash	627	0.00001%
Call Option	1/28/2030	Cash	627	0.00001%
Call Option	1/28/2030	Cash	627	0.00001%
Call Option	1/21/2028	Cash	624	0.00001%
Call Option	1/21/2028	Cash	624	0.00001%
Call Option	1/21/2028	Cash	624	0.00001%
Put Option	12/16/2022	Cash	624	0.00001%
Put Option	12/16/2022	Cash	624	0.00001%
Call Option	1/25/2023	Cash	621	0.00001%
Call Option	10/23/2025	Cash	621	0.00001%
Put Option	12/16/2022	Cash	620	0.00001%
Call Option	6/19/2025	Cash	619	0.00001%
Call Option	6/19/2025	Cash	619	0.00001%
Call Option	6/19/2025	Cash	619	0.00001%
Swap	2/28/2023	Cash	618	0.00001%
Call Option	7/31/2023	Cash	618	0.00001%
Call Option	7/31/2023	Cash	618	0.00001%
Call Option	7/31/2023	Cash	618	0.00001%
Swap	3/25/2027	Cash	616	0.00001%
Put Option	1/20/2023	Cash	615	0.00001%
Call Option	1/21/2025	Cash	612	0.00001%
Call Option	1/21/2025	Cash	612	0.00001%

Call Option	1/21/2025	Cash	612	0.00001%
Forward	12/16/2022	Cash	610	0.00001%
Call Option	7/23/2029	Cash	608	0.00001%
Call Option	9/17/2027	Cash	607	0.00001%
Call Option	9/17/2027	Cash	607	0.00001%
Call Option	9/17/2027	Cash	607	0.00001%
Call Option	6/27/2029	Cash	605	0.00001%
Put Option	4/13/2023	Cash	604	0.00001%
Call Option	4/30/2024	Cash	603	0.00001%
Call Option	4/30/2024	Cash	603	0.00001%
Call Option	4/30/2024	Cash	603	0.00001%
Forward	12/16/2022	Cash	603	0.00001%
Forward	12/16/2022	Cash	603	0.00001%
Call Option	1/20/2023	Cash	602	0.00001%
Call Option	3/25/2027	Cash	601	0.00001%
Call Option	5/25/2028	Cash	600	0.00001%
Call Option	5/25/2028	Cash	600	0.00001%
Call Option	5/25/2028	Cash	600	0.00001%
Call Option	12/15/2023	Cash	600	0.00001%
Call Option	3/26/2026	Cash	599	0.00001%
Call Option	3/26/2026	Cash	599	0.00001%
Call Option	3/26/2026	Cash	599	0.00001%
Put Option	3/22/2024	Cash	598	0.00001%
Call Option	12/14/2023	Cash	597	0.00001%
Call Option	12/14/2023	Cash	597	0.00001%
Call Option	12/14/2023	Cash	597	0.00001%
Call Option	4/3/2023	Cash	596	0.00001%
Call Option	4/3/2023	Cash	596	0.00001%
Call Option	4/3/2023	Cash	596	0.00001%
Call Option	6/19/2023	Cash	596	0.00001%
Call Option	6/19/2023	Cash	596	0.00001%
Call Option	6/19/2023	Cash	596	0.00001%
Call Option	10/23/2023	Cash	595	0.00001%
Call Option	3/18/2025	Cash	594	0.00001%
Call Option	3/18/2025	Cash	594	0.00001%
Call Option	3/18/2025	Cash	594	0.00001%
Call Option	12/30/2025	Cash	593	0.00001%
Call Option	12/30/2025	Cash	593	0.00001%
Call Option	12/30/2025	Cash	593	0.00001%
Call Option	5/25/2029	Cash	592	0.00001%
Call Option	5/25/2029	Cash	592	0.00001%
Call Option	5/25/2029	Cash	592	0.00001%
Put Option	12/26/2028	Cash	591	0.00001%
Put Option	12/26/2028	Cash	591	0.00001%
Put Option	12/26/2028	Cash	591	0.00001%
Call Option	12/29/2023	Cash	590	0.00001%
Forward	12/16/2022	Cash	588	0.00001%
Call Option	8/31/2023	Cash	587	0.00001%
Call Option	8/31/2023	Cash	587	0.00001%
Call Option	8/31/2023	Cash	587	0.00001%
Call Option	10/27/2025	Cash	585	0.00001%
Call Option	10/27/2025	Cash	585	0.00001%
Call Option	10/27/2025	Cash	585	0.00001%
Forward	12/16/2022	Cash	581	0.00001%
Call Option	10/27/2027	Cash	580	0.00001%
Call Option	9/18/2029	Cash	577	0.00001%
Call Option	6/26/2024	Cash	575	0.00001%
Future	12/16/2022	Cash	573	0.00001%
Future	12/16/2022	Cash	573	0.00001%
Put Option	3/31/2023	Cash	573	0.00001%
Call Option	8/27/2024	Cash	572	0.00001%
Call Option	8/27/2024	Cash	572	0.00001%
Call Option	8/27/2024	Cash	572	0.00001%
Put Option	12/20/2024	Cash	571	0.00001%
Put Option	2/17/2023	Cash	570	0.00001%
Call Option	12/22/2026	Cash	567	0.00001%
Put Option	1/20/2023	Cash	566	0.00001%
Call Option	10/26/2027	Cash	564	0.00001%

Call Option	10/26/2027	Cash	564	0.00001%
Call Option	10/26/2027	Cash	564	0.00001%
Put Option	12/15/2023	Cash	564	0.00001%
Call Option	1/28/2025	Cash	564	0.00001%
Call Option	1/28/2025	Cash	564	0.00001%
Call Option	1/28/2025	Cash	564	0.00001%
Call Option	9/4/2025	Cash	563	0.00001%
Call Option	11/13/2025	Cash	562	0.00001%
Call Option	11/13/2025	Cash	562	0.00001%
Call Option	11/13/2025	Cash	562	0.00001%
Forward	12/16/2022	Cash	559	0.00001%
Call Option	6/25/2027	Cash	558	0.00001%
Call Option	12/13/2028	Cash	557	0.00001%
Call Warrant	2/17/2023	physical	556	0.00001%
Call Option	12/21/2027	Cash	555	0.00001%
Call Option	10/29/2025	Cash	554	0.00001%
Call Option	10/29/2025	Cash	554	0.00001%
Call Option	10/29/2025	Cash	554	0.00001%
Call Option	12/16/2022	Cash	554	0.00001%
Forward	12/16/2022	Cash	552	0.00001%
Forward	12/16/2022	Cash	552	0.00001%
Forward	12/16/2022	Cash	552	0.00001%
Put Option	12/16/2022	Cash	551	0.00001%

Call Option	7/24/2029	Cash	548	0.00001%
Call Option	9/25/2023	Cash	547	0.00001%
Call Option	9/25/2023	Cash	547	0.00001%
Call Option	9/25/2023	Cash	547	0.00001%
Call Option	3/15/2027	Cash	547	0.00001%
Call Option	11/25/2024	Cash	546	0.00001%
Call Option	11/25/2024	Cash	546	0.00001%
Call Option	11/25/2024	Cash	546	0.00001%
Call Option	8/25/2027	Cash	546	0.00001%
Call Option	6/16/2023	Cash	546	0.00001%
Call Option	12/18/2023	Cash	546	0.00001%
Put Option	12/16/2022	Cash	545	0.00001%
Call Option	3/26/2026	Cash	544	0.00001%
Call Option	3/26/2026	Cash	544	0.00001%
Call Option	3/26/2026	Cash	544	0.00001%
Call Option	7/25/2025	Cash	544	0.00001%
Put Option	9/26/2023	Cash	544	0.00001%
Put Option	9/26/2023	Cash	544	0.00001%
Put Option	9/26/2023	Cash	544	0.00001%
Put Option	12/16/2022	Cash	542	0.00001%
Call Option	2/28/2029	Cash	542	0.00001%
Call Option	2/28/2029	Cash	542	0.00001%
Call Option	2/28/2029	Cash	542	0.00001%
Call Option	10/28/2024	Cash	541	0.00001%
Call Option	10/28/2024	Cash	541	0.00001%
Call Option	10/28/2024	Cash	541	0.00001%
Put Option	12/15/2023	Cash	541	0.00001%
Put Option	12/16/2022	Cash	539	0.00001%
Forward	12/16/2022	Cash	538	0.00001%
Forward	12/16/2022	Cash	538	0.00001%
Forward	12/16/2022	Cash	538	0.00001%
Call Option	5/21/2029	Cash	535	0.00001%
Call Option	12/20/2024	Cash	534	0.00001%
Call Option	12/20/2024	Cash	534	0.00001%
Call Option	6/24/2024	Cash	531	0.00001%
Put Option	3/17/2023	Cash	527	0.00001%
Call Option	2/22/2024	Cash	526	0.00001%
Call Option	2/22/2024	Cash	526	0.00001%
Put Option	8/7/2023	Cash	525	0.00001%
Call Option	1/21/2027	Cash	524	0.00001%
Forward	12/16/2022	Cash	524	0.00001%
Forward	12/16/2022	Cash	524	0.00001%
Call Option	10/22/2024	Cash	517	0.00001%
Call Option	10/22/2024	Cash	517	0.00001%
Call Option	10/22/2024	Cash	517	0.00001%
Forward	12/16/2022	Cash	516	0.00001%
Call Option	12/29/2023	Cash	516	0.00001%
Call Option	4/16/2026	Cash	516	0.00001%
Call Option	4/16/2026	Cash	516	0.00001%
Call Option	4/16/2026	Cash	516	0.00001%
Call Option	8/30/2027	Cash	516	0.00001%
Call Option	8/30/2027	Cash	516	0.00001%
Call Option	8/30/2027	Cash	516	0.00001%
Call Option	5/26/2026	Cash	515	0.00001%
Call Option	5/26/2026	Cash	515	0.00001%
Call Option	5/26/2026	Cash	515	0.00001%
Put Option	12/18/2026	Cash	514	0.00001%
Call Option	6/25/2025	Cash	514	0.00001%
Call Option	6/25/2025	Cash	514	0.00001%
Call Option	6/25/2025	Cash	514	0.00001%
Put Option	12/20/2024	Cash	511	0.00001%
Put Option	12/16/2022	Cash	510	0.00001%
Call Option	5/28/2024	Cash	509	0.00001%
Call Option	5/28/2024	Cash	509	0.00001%
Call Option	5/28/2024	Cash	509	0.00001%
Call Option	10/27/2027	Cash	504	0.00001%
Call Option	10/27/2027	Cash	504	0.00001%
Call Option	10/27/2027	Cash	504	0.00001%

Call Option	5/28/2025	Cash	504	0.00001%
Call Option	5/28/2025	Cash	504	0.00001%
Call Option	5/28/2025	Cash	504	0.00001%
Put Option	8/7/2023	Cash	504	0.00001%
Future	12/16/2022	Cash	502	0.00001%
Put Option	12/16/2022	Cash	498	0.00001%
Put Option	12/16/2022	Cash	496	0.00001%
Call Option	12/22/2026	Cash	495	0.00001%
Call Option	12/22/2026	Cash	495	0.00001%
Call Option	12/22/2026	Cash	495	0.00001%
Forward	12/16/2022	Cash	495	0.00001%
Call Option	10/26/2029	Cash	495	0.00001%
Call Option	12/15/2023	Cash	492	0.00001%
Put Option	7/26/2023	Cash	490	0.00001%
Put Option	7/26/2023	Cash	490	0.00001%
Put Option	7/26/2023	Cash	490	0.00001%
Put Option	12/16/2022	Cash	488	0.00001%
Forward	12/16/2022	Cash	488	0.00001%
Call Option	2/22/2027	Cash	487	0.00001%
Call Option	2/22/2027	Cash	487	0.00001%
Call Option	2/22/2027	Cash	487	0.00001%
Call Option	10/26/2027	Cash	487	0.00001%
Call Option	10/26/2027	Cash	487	0.00001%

Call Option	10/26/2027	Cash	487	0.00001%
Put Option	12/16/2022	Cash	486	0.00001%
Put Option	1/28/2025	Cash	483	0.00001%
Put Option	1/28/2025	Cash	483	0.00001%
Put Option	1/28/2025	Cash	483	0.00001%
Put Option	9/15/2023	Cash	483	0.00001%
Call Option	9/25/2024	Cash	482	0.00001%
Call Option	9/25/2024	Cash	482	0.00001%
Call Option	9/25/2024	Cash	482	0.00001%
Call Option	5/25/2027	Cash	482	0.00001%
Call Option	8/3/2027	Cash	482	0.00001%
Put Option	12/20/2030	Cash	481	0.00001%
Forward	12/16/2022	Cash	481	0.00001%
Forward	12/16/2022	Cash	481	0.00001%
Call Option	6/29/2027	Cash	480	0.00001%
Call Option	7/21/2025	Cash	480	0.00001%
Call Option	7/21/2025	Cash	480	0.00001%
Call Option	7/21/2025	Cash	480	0.00001%
Forward	12/16/2022	Cash	473	0.00001%
Forward	12/16/2022	Cash	473	0.00001%
Forward	12/16/2022	Cash	473	0.00001%
Forward	12/16/2022	Cash	473	0.00001%
Forward	12/16/2022	Cash	473	0.00001%
Put Option	12/15/2028	Cash	473	0.00001%
Put Option	12/16/2022	Cash	471	0.00001%
Future	12/15/2023	Cash	468	0.00001%
Put Option	12/16/2022	Cash	467	0.00001%
Call Option	8/27/2029	Cash	467	0.00001%
Call Option	8/27/2029	Cash	467	0.00001%
Call Option	8/27/2029	Cash	467	0.00001%
Call Option	8/30/2024	Cash	466	0.00001%
Call Option	8/30/2024	Cash	466	0.00001%
Call Option	8/30/2024	Cash	466	0.00001%
Swap	4/5/2027	Cash	466	0.00001%
Call Option	3/27/2024	Cash	465	0.00001%
Call Option	3/27/2024	Cash	465	0.00001%
Call Option	3/27/2024	Cash	465	0.00001%
Call Option	7/28/2027	Cash	463	0.00001%
Put Option	12/16/2022	Cash	462	0.00001%
Put Option	12/15/2028	Cash	462	0.00001%
Call Option	1/21/2027	Cash	461	0.00001%
Call Option	1/21/2027	Cash	461	0.00001%
Call Option	1/21/2027	Cash	461	0.00001%
Call Option	8/21/2023	Cash	460	0.00001%
Forward	12/16/2022	Cash	459	0.00001%
Forward	12/16/2022	Cash	459	0.00001%
Call Option	3/28/2029	Cash	459	0.00001%
Put Option	12/16/2022	Cash	459	0.00001%
Swap	4/19/2027	Cash	458	0.00001%
Call Option	10/27/2025	Cash	454	0.00001%
Call Option	10/27/2025	Cash	454	0.00001%
Call Option	10/27/2025	Cash	454	0.00001%
Call Option	10/26/2028	Cash	453	0.00001%
Call Option	6/25/2029	Cash	453	0.00001%
Put Option	8/6/2024	Cash	453	0.00001%
Put Option	8/6/2024	Cash	453	0.00001%
Put Option	8/6/2024	Cash	453	0.00001%
Put Option	12/16/2022	Cash	452	0.00001%
Forward	12/16/2022	Cash	452	0.00001%
Forward	12/16/2022	Cash	452	0.00001%
Call Option	12/21/2022	Cash	451	0.00001%
Put Option	10/16/2025	Cash	450	0.00001%
Put Option	10/16/2025	Cash	450	0.00001%
Put Option	10/16/2025	Cash	450	0.00001%
Put Option	12/16/2022	Cash	449	0.00001%
Call Option	1/31/2023	Cash	449	0.00001%
Call Option	1/31/2023	Cash	449	0.00001%
Put Option	12/16/2022	Cash	448	0.00001%

Call Option	8/27/2025	Cash	445	0.00001%
Call Option	8/27/2025	Cash	445	0.00001%
Call Option	8/27/2025	Cash	445	0.00001%
Forward	12/16/2022	Cash	445	0.00001%
Call Option	12/29/2023	Cash	444	0.00001%
Call Option	11/26/2024	Cash	443	0.00001%
Call Option	11/26/2024	Cash	443	0.00001%
Call Option	11/26/2024	Cash	443	0.00001%
Put Option	12/16/2022	Cash	443	0.00001%
Put Option	12/20/2024	Cash	441	0.00001%
Put Option	12/16/2022	Cash	441	0.00001%
Call Option	4/4/2024	Cash	440	0.00001%
Put Option	12/16/2022	Cash	438	0.00001%
Forward	12/16/2022	Cash	438	0.00001%
Call Option	12/30/2024	Cash	434	0.00001%
Call Option	12/30/2024	Cash	434	0.00001%
Call Option	12/30/2024	Cash	434	0.00001%
Call Option	12/15/2023	Cash	432	0.00001%
Forward	12/16/2022	Cash	430	0.00001%
Future	12/16/2022	Cash	430	0.00001%
Future	12/16/2022	Cash	430	0.00001%
Future	12/16/2022	Cash	430	0.00001%
Future	12/16/2022	Cash	430	0.00001%

Future	12/16/2022	Cash	430	0.00001%
Put Option	12/16/2022	Cash	429	0.00001%
Put Option	8/6/2024	Cash	428	0.00001%
Put Option	8/6/2024	Cash	428	0.00001%
Put Option	8/6/2024	Cash	428	0.00001%
Call Option	7/27/2029	Cash	427	0.00001%
Call Option	7/27/2029	Cash	427	0.00001%
Call Option	7/27/2029	Cash	427	0.00001%
Put Option	12/16/2022	Cash	427	0.00001%
Call Option	10/28/2024	Cash	426	0.00001%
Call Option	10/28/2024	Cash	426	0.00001%
Call Option	10/28/2024	Cash	426	0.00001%
Call Option	2/22/2024	Cash	424	0.00001%
Forward	12/16/2022	Cash	423	0.00001%
Put Option	12/20/2030	Cash	421	0.00001%
Call Option	3/19/2027	Cash	418	0.00001%
Put Option	12/16/2022	Cash	417	0.00001%
Call Option	6/27/2028	Cash	417	0.00001%
Forward	12/16/2022	Cash	416	0.00001%
Forward	12/16/2022	Cash	416	0.00001%
Forward	12/16/2022	Cash	416	0.00001%
Call Option	5/21/2026	Cash	414	0.00001%
Call Option	5/21/2026	Cash	414	0.00001%
Call Option	5/21/2026	Cash	414	0.00001%
Put Option	3/28/2023	Cash	411	0.00001%
Put Option	3/28/2023	Cash	411	0.00001%
Put Option	3/28/2023	Cash	411	0.00001%
Put Option	12/16/2022	Cash	410	0.00001%
Call Option	6/25/2026	Cash	409	0.00001%
Call Option	6/25/2026	Cash	409	0.00001%
Call Option	6/25/2026	Cash	409	0.00001%
Forward	12/16/2022	Cash	409	0.00001%
Call Option	11/27/2023	Cash	408	0.00001%
Call Option	11/27/2023	Cash	408	0.00001%
Call Option	11/27/2023	Cash	408	0.00001%
Call Option	4/28/2025	Cash	407	0.00001%
Call Option	4/28/2025	Cash	407	0.00001%
Call Option	4/28/2025	Cash	407	0.00001%
Put Option	7/22/2024	Cash	405	0.00001%
Put Option	7/22/2024	Cash	405	0.00001%
Put Option	7/22/2024	Cash	405	0.00001%
Call Option	9/25/2024	Cash	405	0.00001%
Call Option	9/25/2024	Cash	405	0.00001%
Call Option	9/25/2024	Cash	405	0.00001%
Call Option	7/26/2023	Cash	404	0.00001%
Call Option	7/26/2023	Cash	404	0.00001%
Call Option	7/26/2023	Cash	404	0.00001%
Put Option	12/16/2022	Cash	403	0.00001%
Put Option	12/16/2022	Cash	402	0.00001%
Put Option	12/16/2022	Cash	402	0.00001%
Forward	12/16/2022	Cash	402	0.00001%
Forward	12/16/2022	Cash	402	0.00001%
Call Option	4/27/2026	Cash	401	0.00001%
Call Option	4/27/2026	Cash	401	0.00001%
Call Option	4/27/2026	Cash	401	0.00001%
Put Option	3/8/2023	Cash	399	0.00001%
Call Option	3/28/2029	Cash	399	0.00001%
Call Option	8/23/2029	Cash	399	0.00001%
Call Option	8/23/2029	Cash	399	0.00001%
Call Option	8/23/2029	Cash	399	0.00001%
Forward	12/16/2022	Cash	395	0.00001%
Call Option	9/28/2023	Cash	394	0.00001%
Call Option	9/28/2023	Cash	394	0.00001%
Call Option	9/28/2023	Cash	394	0.00001%
Put Option	7/2/2024	Cash	391	0.00001%
Put Option	7/2/2024	Cash	391	0.00001%
Put Option	7/2/2024	Cash	391	0.00001%
Put Option	6/12/2023	Cash	390	0.00001%

Put Option	12/16/2022	Cash	389	0.00001%
Put Option	12/30/2022	Cash	388	0.00001%
Future	12/16/2022	Cash	388	0.00001%
Swap	4/5/2027	Cash	387	0.00001%
Call Option	3/27/2024	Cash	383	0.00001%
Call Option	3/27/2024	Cash	383	0.00001%
Call Option	6/25/2029	Cash	382	0.00001%
Call Option	6/25/2029	Cash	382	0.00001%
Call Option	6/25/2029	Cash	382	0.00001%
Put Option	12/16/2022	Cash	381	0.00001%
Put Option	12/16/2022	Cash	378	0.00001%
Put Option	3/1/2023	Cash	376	0.00001%
Call Option	5/25/2028	Cash	376	0.00001%
Call Option	10/26/2023	Cash	375	0.00001%
Call Option	6/25/2027	Cash	374	0.00001%
Forward	12/16/2022	Cash	373	0.00001%
Call Option	8/26/2030	Cash	373	0.00001%
Swap	4/19/2027	Cash	372	0.00001%
Put Option	12/18/2026	Cash	372	0.00001%
Put Option	8/7/2023	Cash	371	0.00001%
Put Option	8/7/2023	Cash	371	0.00001%
Call Option	6/17/2027	Cash	370	0.00001%
Put Option	3/22/2024	Cash	366	0.00001%

Call Option	7/28/2027	Cash	363	0.00001%
Put Option	2/25/2025	Cash	362	0.00001%
Put Option	2/25/2025	Cash	362	0.00001%
Put Option	2/25/2025	Cash	362	0.00001%
Call Option	8/28/2028	Cash	362	0.00001%
Call Option	9/30/2024	Cash	360	0.00001%
Call Option	9/30/2024	Cash	360	0.00001%
Call Option	9/30/2024	Cash	360	0.00001%
Call Option	4/26/2029	Cash	359	0.00001%
Call Option	4/26/2029	Cash	359	0.00001%
Call Option	4/26/2029	Cash	359	0.00001%
Call Option	6/22/2029	Cash	359	0.00001%
Future	12/16/2022	Cash	358	0.00001%
Future	12/16/2022	Cash	358	0.00001%
Future	12/16/2022	Cash	358	0.00001%
Future	12/16/2022	Cash	358	0.00001%
Future	12/16/2022	Cash	358	0.00001%
Future	12/16/2022	Cash	358	0.00001%
Call Option	2/23/2029	Cash	358	0.00001%
Call Option	2/25/2025	Cash	358	0.00001%
Call Option	2/25/2025	Cash	358	0.00001%
Call Option	2/25/2025	Cash	358	0.00001%
Call Option	5/23/2024	Cash	357	0.00001%
Call Option	5/23/2024	Cash	357	0.00001%
Call Option	5/23/2024	Cash	357	0.00001%
Put Option	12/16/2022	Cash	356	0.00001%
Call Option	3/17/2023	Cash	355	0.00001%
Put Option	12/16/2022	Cash	352	0.00001%
Call Option	8/20/2029	Cash	351	0.00001%
Put Option	12/16/2022	Cash	350	0.00001%
Put Option	12/16/2022	Cash	349	0.00001%
Call Option	1/2/2030	Cash	349	0.00001%
Call Option	4/24/2024	Cash	348	0.00001%
Call Option	4/24/2024	Cash	348	0.00001%
Call Option	4/24/2024	Cash	348	0.00001%
Call Option	6/15/2027	Cash	348	0.00001%
Put Option	12/16/2022	Cash	348	0.00001%
Put Option	12/20/2024	Cash	346	0.00001%
Forward	12/16/2022	Cash	344	0.00001%
Call Option	6/28/2023	Cash	343	0.00001%
Call Option	10/31/2024	Cash	341	0.00001%
Call Option	10/31/2024	Cash	341	0.00001%
Call Option	10/31/2024	Cash	341	0.00001%
Call Option	11/20/2023	Cash	341	0.00001%
Call Option	7/27/2029	Cash	341	0.00001%
Put Option	12/16/2022	Cash	340	0.00001%
Call Option	6/28/2024	Cash	340	0.00001%
Call Option	6/28/2024	Cash	340	0.00001%
Call Option	6/28/2024	Cash	340	0.00001%
Call Option	12/30/2022	Cash	338	0.00001%
Call Option	12/30/2022	Cash	338	0.00001%
Call Option	12/30/2022	Cash	338	0.00001%
Put Option	12/16/2022	Cash	337	0.00001%
Swap	3/2/2023	Cash	337	0.00001%
Put Option	12/16/2022	Cash	334	0.00001%
Call Option	12/29/2024	Cash	333	0.00001%
Call Option	10/30/2023	Cash	332	0.00001%
Call Option	10/30/2023	Cash	332	0.00001%
Call Option	10/30/2023	Cash	332	0.00001%
Put Option	12/20/2030	Cash	331	0.00001%
Put Option	12/16/2022	Cash	330	0.00001%
Call Option	12/23/2024	Cash	329	0.00001%
Call Option	12/23/2024	Cash	329	0.00001%
Call Option	12/23/2024	Cash	329	0.00001%
Call Option	11/23/2029	Cash	328	0.00001%
Call Option	6/26/2028	Cash	328	0.00001%
Put Option	12/16/2022	Cash	327	0.00001%
Call Option	3/28/2024	Cash	326	0.00001%

Call Option	3/17/2027	Cash	326	0.00001%
Call Option	3/17/2027	Cash	326	0.00001%
Call Option	3/17/2027	Cash	326	0.00001%
Call Option	5/26/2027	Cash	325	0.00001%
Call Option	6/27/2028	Cash	324	0.00001%
Call Option	6/27/2028	Cash	324	0.00001%
Call Option	6/27/2028	Cash	324	0.00001%
Put Option	12/15/2023	Cash	324	0.00001%
Call Option	5/24/2023	Cash	323	0.00001%
Call Option	5/24/2023	Cash	323	0.00001%
Call Option	5/24/2023	Cash	323	0.00001%
Call Option	12/27/2023	Cash	323	0.00001%
Call Option	3/19/2029	Cash	322	0.00001%
Call Option	2/26/2033	Cash	322	0.00001%
Put Option	12/16/2022	Cash	321	0.00001%
Call Option	10/28/2024	Cash	320	0.00001%
Call Option	10/28/2024	Cash	320	0.00001%
Call Option	10/28/2024	Cash	320	0.00001%
Call Option	12/18/2026	Cash	319	0.00001%
Call Option	12/18/2026	Cash	319	0.00001%
Call Option	12/18/2026	Cash	319	0.00001%
Call Option	4/19/2024	Cash	319	0.00001%
Call Option	6/19/2028	Cash	318	0.00001%

Call Option	6/19/2028	Cash	318	0.00001%
Call Option	6/19/2028	Cash	318	0.00001%
Call Option	5/25/2029	Cash	317	0.00001%
Call Option	2/18/2027	Cash	316	0.00001%
Call Option	12/29/2023	Cash	316	0.00001%
Call Option	3/3/2027	Cash	314	0.00001%
Put Option	12/16/2022	Cash	314	0.00001%
Put Option	12/16/2022	Cash	313	0.00001%
Call Option	1/26/2026	Cash	311	0.00001%
Call Option	1/26/2026	Cash	311	0.00001%
Call Option	1/26/2026	Cash	311	0.00001%
Call Option	5/24/2030	Cash	311	0.00001%
Put Option	12/16/2022	Cash	309	0.00001%
Call Option	8/13/2029	Cash	309	0.00001%
Call Option	8/13/2029	Cash	309	0.00001%
Call Option	8/13/2029	Cash	309	0.00001%
Call Option	10/26/2026	Cash	309	0.00001%
Call Option	10/26/2026	Cash	309	0.00001%
Call Option	10/26/2026	Cash	309	0.00001%
Call Option	10/25/2024	Cash	308	0.00001%
Call Option	10/25/2024	Cash	308	0.00001%
Call Option	10/16/2028	Cash	308	0.00001%
Call Option	3/18/2027	Cash	307	0.00001%
Call Option	1/31/2024	Cash	306	0.00001%
Call Option	1/31/2024	Cash	306	0.00001%
Call Option	1/31/2024	Cash	306	0.00001%
Put Option	12/16/2022	Cash	304	0.00001%
Put Option	12/16/2022	Cash	302	0.00001%
Call Option	1/31/2023	Cash	302	0.00001%
Call Option	1/31/2023	Cash	302	0.00001%
Call Option	1/31/2023	Cash	302	0.00001%
Call Option	10/2/2025	Cash	302	0.00001%
Call Option	5/21/2029	Cash	301	0.00001%
Call Option	9/1/2025	Cash	301	0.00001%
Call Option	9/1/2025	Cash	301	0.00001%
Call Option	9/1/2025	Cash	301	0.00001%
Put Option	12/15/2023	Cash	301	0.00001%
Call Option	8/26/2024	Cash	300	0.00001%
Call Option	9/17/2026	Cash	299	0.00001%
Call Option	9/17/2026	Cash	299	0.00001%
Call Option	9/17/2026	Cash	299	0.00001%
Call Option	4/23/2029	Cash	297	0.00001%
Future	12/15/2023	Cash	293	0.00001%
Call Option	7/24/2028	Cash	292	0.00001%
Call Option	12/29/2028	Cash	291	0.00001%
Call Option	1/20/2023	Cash	289	0.00001%
Call Option	4/19/2024	Cash	288	0.00001%
Call Option	12/29/2023	Cash	288	0.00001%
Put Option	8/7/2023	Cash	287	0.00001%
Put Option	8/7/2023	Cash	287	0.00001%
Future	12/16/2022	Cash	287	0.00001%
Future	12/16/2022	Cash	287	0.00001%
Future	12/16/2022	Cash	287	0.00001%
Future	12/16/2022	Cash	287	0.00001%
Future	12/16/2022	Cash	287	0.00001%
Future	12/16/2022	Cash	287	0.00001%
Call Option	4/22/2027	Cash	286	0.00001%
Call Option	9/18/2023	Cash	286	0.00001%
Call Option	9/30/2024	Cash	286	0.00001%
Call Option	9/30/2024	Cash	286	0.00001%
Call Option	9/30/2024	Cash	286	0.00001%
Put Option	12/16/2022	Cash	285	0.00001%
Call Option	10/1/2027	Cash	283	0.000005%
Call Option	4/27/2027	Cash	281	0.000005%
Call Option	1/26/2023	Cash	280	0.000005%
Call Option	1/26/2023	Cash	280	0.000005%
Call Option	1/26/2023	Cash	280	0.000005%
Call Option	2/28/2024	Cash	279	0.000005%

Call Option	2/28/2024	Cash	279	0.000005%
Call Option	2/28/2024	Cash	279	0.000005%
Call Option	5/23/2029	Cash	277	0.000005%
Call Option	5/23/2029	Cash	277	0.000005%
Call Option	5/23/2029	Cash	277	0.000005%
Call Option	7/22/2024	Cash	274	0.000005%
Call Option	3/28/2029	Cash	272	0.000005%
Call Option	3/28/2029	Cash	272	0.000005%
Call Option	3/28/2029	Cash	272	0.000005%
Call Option	2/17/2023	Cash	271	0.000005%
Call Option	8/26/2030	Cash	270	0.000005%
Call Option	9/27/2029	Cash	269	0.000005%
Call Option	1/31/2024	Cash	267	0.000005%
Put Option	12/16/2022	Cash	267	0.000005%
Call Option	10/2/2023	Cash	266	0.000005%
Call Option	10/2/2023	Cash	266	0.000005%
Call Option	10/2/2023	Cash	266	0.000005%
Put Option	12/16/2022	Cash	266	0.000005%
Put Option	12/16/2022	Cash	264	0.000005%
Put Option	12/16/2022	Cash	264	0.000005%
Call Option	1/31/2024	Cash	264	0.000005%
Put Option	12/16/2022	Cash	264	0.000005%
Put Option	12/16/2022	Cash	263	0.000005%

Call Option	4/26/2029	Cash	260	0.000005%
Put Option	12/16/2022	Cash	260	0.000005%
Put Option	12/16/2022	Cash	257	0.000005%
Call Option	8/27/2029	Cash	256	0.000005%
Call Option	11/10/2025	Cash	256	0.000004%
Put Option	9/24/2025	Cash	254	0.000004%
Call Option	2/24/2025	Cash	254	0.000004%
Put Option	7/26/2023	Cash	252	0.000004%
Put Option	7/26/2023	Cash	252	0.000004%
Put Option	7/26/2023	Cash	252	0.000004%
Put Option	12/16/2022	Cash	252	0.000004%
Call Option	10/27/2027	Cash	251	0.000004%
Future	12/16/2022	Cash	251	0.000004%
Put Option	9/24/2025	Cash	249	0.000004%
Call Option	2/15/2027	Cash	248	0.000004%
Call Option	12/19/2025	Cash	247	0.000004%
Call Option	12/16/2022	Cash	246	0.000004%
Call Option	6/27/2025	Cash	245	0.000004%
Call Option	6/27/2025	Cash	245	0.000004%
Call Option	6/27/2025	Cash	245	0.000004%
Put Option	12/15/2028	Cash	242	0.000004%
Call Option	3/27/2023	Cash	242	0.000004%
Call Option	3/27/2023	Cash	242	0.000004%
Call Option	3/27/2023	Cash	242	0.000004%
Put Option	12/16/2022	Cash	240	0.000004%
Call Option	5/25/2027	Cash	240	0.000004%
Put Option	3/26/2025	Cash	239	0.000004%
Put Option	3/26/2025	Cash	239	0.000004%
Put Option	3/26/2025	Cash	239	0.000004%
Call Option	5/26/2027	Cash	239	0.000004%
Put Option	12/16/2022	Cash	238	0.000004%
Call Option	7/31/2025	Cash	235	0.000004%
Call Option	7/31/2025	Cash	235	0.000004%
Call Option	7/31/2025	Cash	235	0.000004%
Call Option	7/23/2029	Cash	235	0.000004%
Put Option	12/16/2022	Cash	235	0.000004%
Call Option	11/28/2024	Cash	234	0.000004%
Put Option	3/28/2023	Cash	233	0.000004%
Put Option	3/28/2023	Cash	233	0.000004%
Put Option	3/28/2023	Cash	233	0.000004%
Put Option	12/16/2022	Cash	231	0.000004%
Call Option	7/25/2023	Cash	228	0.000004%
Call Option	7/25/2023	Cash	228	0.000004%
Call Option	12/16/2022	Cash	228	0.000004%
Put Option	7/22/2024	Cash	227	0.000004%
Put Option	7/22/2024	Cash	227	0.000004%
Put Option	7/22/2024	Cash	227	0.000004%
Call Option	9/28/2023	Cash	227	0.000004%
Call Option	9/28/2023	Cash	227	0.000004%
Call Option	9/28/2023	Cash	227	0.000004%
Call Option	7/26/2028	Cash	225	0.000004%
Call Option	12/23/2022	Cash	223	0.000004%
Call Option	4/27/2023	Cash	223	0.000004%
Call Option	4/27/2023	Cash	223	0.000004%
Call Option	4/27/2023	Cash	223	0.000004%
Call Option	1/20/2023	Cash	221	0.000004%
Call Option	2/24/2025	Cash	221	0.000004%
Put Option	12/16/2022	Cash	219	0.000004%
Put Option	12/16/2022	Cash	219	0.000004%
Call Option	2/26/2024	Cash	219	0.000004%
Put Option	6/12/2023	Cash	218	0.000004%
Call Option	3/26/2025	Cash	218	0.000004%
Call Option	3/26/2025	Cash	218	0.000004%
Call Option	3/26/2025	Cash	218	0.000004%
Call Option	5/3/2028	Cash	216	0.000004%
Call Option	6/26/2028	Cash	215	0.000004%
Call Option	6/26/2028	Cash	215	0.000004%
Call Option	6/26/2028	Cash	215	0.000004%

Future	12/16/2022	Cash	215	0.000004%
Future	12/16/2022	Cash	215	0.000004%
Future	12/16/2022	Cash	215	0.000004%
Future	12/16/2022	Cash	215	0.000004%
Future	12/16/2022	Cash	215	0.000004%
Future	12/16/2022	Cash	215	0.000004%
Future	12/16/2022	Cash	215	0.000004%
Swap	12/16/2022	Cash	215	0.000004%
Swap	12/16/2022	Cash	215	0.000004%
Call Option	3/26/2024	Cash	215	0.000004%
Call Option	3/26/2024	Cash	215	0.000004%
Call Option	3/26/2024	Cash	215	0.000004%
Call Option	4/27/2027	Cash	214	0.000004%
Put Option	3/27/2023	Cash	214	0.000004%
Put Option	3/27/2023	Cash	214	0.000004%
Put Option	3/27/2023	Cash	214	0.000004%
Put Option	11/28/2023	Cash	213	0.000004%
Put Option	11/28/2023	Cash	213	0.000004%
Call Option	12/16/2022	Cash	212	0.000004%
Put Option	12/16/2022	Cash	211	0.000004%
Put Option	12/16/2022	Cash	211	0.000004%
Call Option	12/16/2022	Cash	208	0.000004%
Put Option	12/16/2022	Cash	207	0.000004%

Call Option	3/24/2025	Cash	206	0.000004%
Call Option	9/27/2029	Cash	206	0.000004%
Call Option	9/27/2029	Cash	206	0.000004%
Call Option	9/27/2029	Cash	206	0.000004%
Call Option	2/26/2026	Cash	205	0.000004%
Call Option	2/26/2026	Cash	205	0.000004%
Call Option	2/26/2026	Cash	205	0.000004%
Put Option	12/16/2022	Cash	205	0.000004%
Put Option	12/16/2022	Cash	203	0.000004%
Call Option	8/30/2024	Cash	202	0.000004%
Call Option	8/30/2024	Cash	202	0.000004%
Call Option	8/30/2024	Cash	202	0.000004%
Call Option	2/23/2026	Cash	199	0.000003%
Put Option	12/16/2022	Cash	198	0.000003%
Call Option	2/27/2023	Cash	197	0.000003%
Call Option	2/27/2023	Cash	197	0.000003%
Call Option	2/27/2023	Cash	197	0.000003%
Call Option	3/26/2025	Cash	196	0.000003%
Call Option	3/26/2025	Cash	196	0.000003%
Call Option	3/26/2025	Cash	196	0.000003%
Put Option	12/16/2022	Cash	195	0.000003%
Put Option	1/27/2023	Cash	195	0.000003%
Put Option	1/27/2023	Cash	195	0.000003%
Put Option	1/27/2023	Cash	195	0.000003%
Put Option	12/16/2022	Cash	194	0.000003%
Call Option	12/30/2025	Cash	194	0.000003%
Call Option	12/30/2025	Cash	194	0.000003%
Call Option	12/30/2025	Cash	194	0.000003%
Put Option	12/16/2022	Cash	194	0.000003%
Call Option	12/6/2028	Cash	194	0.000003%
Call Option	6/30/2025	Cash	193	0.000003%
Call Option	4/22/2027	Cash	193	0.000003%
Call Option	4/22/2027	Cash	193	0.000003%
Call Option	4/22/2027	Cash	193	0.000003%
Put Option	3/8/2023	Cash	191	0.000003%
Put Option	3/17/2023	Cash	191	0.000003%
Call Option	10/27/2023	Cash	188	0.000003%
Call Option	10/27/2023	Cash	188	0.000003%
Call Option	10/27/2023	Cash	188	0.000003%
Call Option	3/18/2024	Cash	186	0.000003%
Put Option	12/16/2022	Cash	184	0.000003%
Call Option	2/25/2030	Cash	183	0.000003%
Call Option	7/22/2026	Cash	182	0.000003%
Put Option	12/16/2022	Cash	182	0.000003%
Call Option	12/20/2024	Cash	181	0.000003%
Put Option	12/16/2022	Cash	181	0.000003%
Put Option	12/16/2022	Cash	180	0.000003%
Put Option	12/16/2022	Cash	177	0.000003%
Put Option	12/16/2022	Cash	177	0.000003%
Call Option	10/23/2023	Cash	175	0.000003%
Put Option	12/16/2022	Cash	175	0.000003%
Call Option	3/28/2024	Cash	175	0.000003%
Put Option	12/16/2022	Cash	173	0.000003%
Call Option	8/28/2028	Cash	173	0.000003%
Put Option	12/16/2022	Cash	170	0.000003%
Call Option	2/17/2023	Cash	169	0.000003%
Call Option	3/3/2027	Cash	168	0.000003%
Call Option	9/26/2023	Cash	166	0.000003%
Call Option	9/26/2023	Cash	166	0.000003%
Call Option	9/26/2023	Cash	166	0.000003%
Call Option	5/2/2023	Cash	165	0.000003%
Call Option	5/2/2023	Cash	165	0.000003%
Call Option	5/2/2023	Cash	165	0.000003%
Put Option	12/16/2022	Cash	162	0.000003%
Call Option	1/28/2030	Cash	159	0.000003%
Call Option	11/27/2023	Cash	157	0.000003%
Call Option	11/27/2023	Cash	157	0.000003%
Call Option	11/27/2023	Cash	157	0.000003%

Call Option	6/27/2028	Cash	157	0.000003%
Put Option	12/16/2022	Cash	156	0.000003%
Put Option	12/16/2022	Cash	156	0.000003%
Put Option	12/16/2022	Cash	155	0.000003%
Put Option	12/16/2022	Cash	155	0.000003%
Put Option	12/16/2022	Cash	155	0.000003%
Call Option	11/27/2024	Cash	153	0.000003%
Call Option	11/27/2024	Cash	153	0.000003%
Call Option	11/27/2024	Cash	153	0.000003%
Put Option	3/22/2024	Cash	152	0.000003%
Put Option	7/22/2024	Cash	152	0.000003%
Put Option	7/22/2024	Cash	152	0.000003%
Put Option	7/22/2024	Cash	152	0.000003%
Call Option	5/31/2024	Cash	151	0.000003%
Call Option	5/31/2024	Cash	151	0.000003%
Call Option	5/31/2024	Cash	151	0.000003%
Call Option	12/16/2022	Cash	150	0.000003%
Put Option	5/19/2023	Cash	150	0.000003%
Call Option	11/30/2023	Cash	149	0.000003%
Call Option	11/30/2023	Cash	149	0.000003%
Call Option	11/30/2023	Cash	149	0.000003%
Put Option	12/16/2022	Cash	148	0.000003%
Put Option	1/31/2025	Cash	144	0.000003%

Put Option	1/31/2025	Cash	144	0.000003%
Put Option	1/31/2025	Cash	144	0.000003%
Put Option	12/16/2022	Cash	143	0.000003%
Put Option	12/16/2022	Cash	143	0.000003%
Future	12/16/2022	Cash	143	0.000003%
Future	12/16/2022	Cash	143	0.000003%
Future	12/16/2022	Cash	143	0.000003%
Swap	12/16/2022	Cash	143	0.000003%
Call Option	12/16/2022	Cash	142	0.000002%
Put Option	12/27/2022	Cash	142	0.000002%
Put Option	12/27/2022	Cash	142	0.000002%
Put Option	12/27/2022	Cash	142	0.000002%
Put Option	12/16/2022	Cash	142	0.000002%
Call Option	1/2/2024	Cash	142	0.000002%
Call Option	1/2/2024	Cash	142	0.000002%
Call Option	1/2/2024	Cash	142	0.000002%
Put Option	12/23/2024	Cash	139	0.000002%
Put Option	12/23/2024	Cash	139	0.000002%
Put Option	12/23/2024	Cash	139	0.000002%
Put Option	11/14/2023	Cash	139	0.000002%
Put Option	11/14/2023	Cash	139	0.000002%
Put Option	11/14/2023	Cash	139	0.000002%
Call Option	9/25/2025	Cash	137	0.000002%
Call Option	9/25/2025	Cash	137	0.000002%
Call Option	9/25/2025	Cash	137	0.000002%
Put Option	12/16/2022	Cash	136	0.000002%
Call Option	11/9/2028	Cash	136	0.000002%
Put Option	12/16/2022	Cash	135	0.000002%
Put Option	12/16/2022	Cash	134	0.000002%
Call Option	3/28/2029	Cash	134	0.000002%
Call Option	1/25/2024	Cash	132	0.000002%
Put Option	9/24/2025	Cash	132	0.000002%
Put Option	12/16/2022	Cash	132	0.000002%
Put Option	12/16/2022	Cash	131	0.000002%
Put Option	6/26/2024	Cash	130	0.000002%
Put Option	6/26/2024	Cash	130	0.000002%
Put Option	6/26/2024	Cash	130	0.000002%
Put Option	6/25/2025	Cash	129	0.000002%
Put Option	6/25/2025	Cash	129	0.000002%
Put Option	6/25/2025	Cash	129	0.000002%
Call Option	4/27/2028	Cash	129	0.000002%
Put Option	10/24/2024	Cash	128	0.000002%
Call Option	10/23/2028	Cash	128	0.000002%
Call Option	10/23/2028	Cash	128	0.000002%
Call Option	10/23/2028	Cash	128	0.000002%
Call Option	7/29/2024	Cash	126	0.000002%
Call Option	7/29/2024	Cash	126	0.000002%
Call Option	7/29/2024	Cash	126	0.000002%
Call Option	5/20/2027	Cash	126	0.000002%
Put Option	9/24/2025	Cash	125	0.000002%
Call Option	6/27/2025	Cash	123	0.000002%
Call Option	6/16/2023	Cash	122	0.000002%
Call Option	10/26/2029	Cash	121	0.000002%
Put Option	12/16/2022	Cash	120	0.000002%
Put Option	12/16/2022	Cash	119	0.000002%
Put Option	12/16/2022	Cash	119	0.000002%
Put Option	4/26/2023	Cash	119	0.000002%
Put Option	4/26/2023	Cash	119	0.000002%
Put Option	4/26/2023	Cash	119	0.000002%
Put Option	12/16/2022	Cash	119	0.000002%
Put Option	12/16/2022	Cash	119	0.000002%
Call Option	6/26/2024	Cash	119	0.000002%
Call Option	6/26/2024	Cash	119	0.000002%
Call Option	6/26/2024	Cash	119	0.000002%
Put Option	12/16/2022	Cash	118	0.000002%
Call Option	6/18/2029	Cash	118	0.000002%
Put Option	12/16/2022	Cash	117	0.000002%
Call Option	7/2/2024	Cash	116	0.000002%

Call Option	7/2/2024	Cash	116	0.000002%
Call Option	7/2/2024	Cash	116	0.000002%
Put Option	12/16/2022	Cash	116	0.000002%
Call Option	7/26/2024	Cash	116	0.000002%
Call Option	7/26/2024	Cash	116	0.000002%
Call Option	7/26/2024	Cash	116	0.000002%
Call Option	10/23/2023	Cash	116	0.000002%
Put Option	1/2/2023	Cash	115	0.000002%
Put Option	1/2/2023	Cash	115	0.000002%
Put Option	1/2/2023	Cash	115	0.000002%
Put Option	12/20/2024	Cash	114	0.000002%
Call Option	10/26/2029	Cash	113	0.000002%
Call Option	10/26/2029	Cash	113	0.000002%
Call Option	10/26/2029	Cash	113	0.000002%
Put Option	12/16/2022	Cash	113	0.000002%
Put Option	12/16/2022	Cash	110	0.000002%
Put Option	3/17/2023	Cash	109	0.000002%
Put Option	12/16/2022	Cash	108	0.000002%
Put Option	12/16/2022	Cash	106	0.000002%
Call Option	3/19/2026	Cash	106	0.000002%
Put Option	12/30/2022	Cash	106	0.000002%
Put Option	12/16/2022	Cash	105	0.000002%
Put Option	12/16/2022	Cash	102	0.000002%

Put Option	12/16/2022	Cash	102	0.000002%
Call Option	3/19/2029	Cash	101	0.000002%
Put Option	1/31/2024	Cash	100	0.000002%
Put Option	1/31/2024	Cash	100	0.000002%
Put Option	1/31/2024	Cash	100	0.000002%
Put Option	12/16/2022	Cash	100	0.000002%
Put Option	1/27/2023	Cash	99	0.000002%
Put Option	1/27/2023	Cash	99	0.000002%
Put Option	1/27/2023	Cash	99	0.000002%
Call Option	1/2/2030	Cash	99	0.000002%
Put Option	3/17/2023	Cash	98	0.000002%
Put Option	12/16/2022	Cash	97	0.000002%
Call Option	4/28/2025	Cash	95	0.000002%
Call Option	4/28/2025	Cash	95	0.000002%
Call Option	4/28/2025	Cash	95	0.000002%
Put Option	5/28/2024	Cash	95	0.000002%
Put Option	5/28/2024	Cash	95	0.000002%
Put Option	5/28/2024	Cash	95	0.000002%
Put Option	12/16/2022	Cash	95	0.000002%
Put Option	12/16/2022	Cash	94	0.000002%
Call Option	1/29/2024	Cash	94	0.000002%
Call Option	1/29/2024	Cash	94	0.000002%
Call Option	1/29/2024	Cash	94	0.000002%
Put Option	12/28/2023	Cash	94	0.000002%
Put Option	12/28/2023	Cash	94	0.000002%
Put Option	12/28/2023	Cash	94	0.000002%
Put Option	12/16/2022	Cash	94	0.000002%
Call Option	11/24/2025	Cash	93	0.000002%
Call Option	11/24/2025	Cash	93	0.000002%
Call Option	11/24/2025	Cash	93	0.000002%
Put Option	12/16/2022	Cash	92	0.000002%
Put Option	11/28/2023	Cash	91	0.000002%
Put Option	11/28/2023	Cash	91	0.000002%
Put Option	12/16/2022	Cash	91	0.000002%
Call Option	8/23/2023	Cash	90	0.000002%
Call Option	8/23/2023	Cash	90	0.000002%
Call Option	8/23/2023	Cash	90	0.000002%
Put Option	12/16/2022	Cash	89	0.000002%
Put Option	3/27/2023	Cash	89	0.000002%
Put Option	3/27/2023	Cash	89	0.000002%
Put Option	3/27/2023	Cash	89	0.000002%
Put Option	12/16/2022	Cash	89	0.000002%
Put Option	11/14/2023	Cash	87	0.000002%
Put Option	11/14/2023	Cash	87	0.000002%
Put Option	11/14/2023	Cash	87	0.000002%
Put Option	12/16/2022	Cash	87	0.000002%
Call Option	7/28/2025	Cash	86	0.000002%
Call Option	7/28/2025	Cash	86	0.000002%
Call Option	7/28/2025	Cash	86	0.000002%
Put Option	12/16/2022	Cash	86	0.000002%
Call Option	12/1/2025	Cash	86	0.000002%
Call Option	12/1/2025	Cash	86	0.000002%
Call Option	12/1/2025	Cash	86	0.000002%
Put Option	7/22/2024	Cash	85	0.000001%
Put Option	7/22/2024	Cash	85	0.000001%
Put Option	7/22/2024	Cash	85	0.000001%
Put Option	5/28/2024	Cash	85	0.000001%
Put Option	5/28/2024	Cash	85	0.000001%
Put Option	5/28/2024	Cash	85	0.000001%
Call Option	2/22/2023	Cash	84	0.000001%
Call Option	6/26/2028	Cash	84	0.000001%
Call Option	6/26/2028	Cash	84	0.000001%
Call Option	6/26/2028	Cash	84	0.000001%
Put Option	12/16/2022	Cash	83	0.000001%
Call Option	7/31/2023	Cash	82	0.000001%
Call Option	7/31/2023	Cash	82	0.000001%
Call Option	7/31/2023	Cash	82	0.000001%
Put Option	12/16/2022	Cash	82	0.000001%

Put Option	12/16/2022	Cash	81	0.000001%
Swap	2/16/2023	Cash	79	0.000001%
Put Option	12/16/2022	Cash	79	0.000001%
Call Option	8/28/2024	Cash	78	0.000001%
Call Option	8/28/2024	Cash	78	0.000001%
Call Option	8/28/2024	Cash	78	0.000001%
Put Option	12/16/2022	Cash	77	0.000001%
Put Option	12/16/2022	Cash	77	0.000001%
Put Option	12/16/2022	Cash	77	0.000001%
Call Option	12/15/2023	Cash	76	0.000001%
Put Option	12/16/2022	Cash	75	0.000001%
Swap	2/28/2023	Cash	75	0.000001%
Call Option	12/16/2022	Cash	73	0.000001%
Call Option	12/15/2028	Cash	72	0.000001%
Future	12/16/2022	Cash	72	0.000001%
Future	12/16/2022	Cash	72	0.000001%
Call Option	2/16/2026	Cash	72	0.000001%
Future	12/16/2022	Cash	72	0.000001%
Future	12/16/2022	Cash	72	0.000001%
Swap	12/16/2022	Cash	72	0.000001%
Swap	12/16/2022	Cash	72	0.000001%
Call Option	12/16/2022	Cash	71	0.000001%
Put Option	12/16/2022	Cash	70	0.000001%

Put Option	2/8/2023	Cash	70	0.000001%
Put Option	2/8/2023	Cash	70	0.000001%
Put Option	2/8/2023	Cash	70	0.000001%
Call Option	12/16/2022	Cash	69	0.000001%
Put Option	2/28/2024	Cash	68	0.000001%
Put Option	2/28/2024	Cash	68	0.000001%
Put Option	2/28/2024	Cash	68	0.000001%
Put Option	4/2/2024	Cash	68	0.000001%
Put Option	4/2/2024	Cash	68	0.000001%
Put Option	4/2/2024	Cash	68	0.000001%
Call Option	1/29/2026	Cash	67	0.000001%
Call Option	1/29/2026	Cash	67	0.000001%
Call Option	1/29/2026	Cash	67	0.000001%
Call Option	12/16/2022	Cash	66	0.000001%
Put Option	12/16/2022	Cash	65	0.000001%
Put Option	12/16/2022	Cash	65	0.000001%
Put Option	11/25/2024	Cash	65	0.000001%
Put Option	11/25/2024	Cash	65	0.000001%
Put Option	11/25/2024	Cash	65	0.000001%
Call Option	3/15/2027	Cash	64	0.000001%
Call Option	7/26/2028	Cash	64	0.000001%
Put Option	12/16/2022	Cash	64	0.000001%
Put Option	5/26/2025	Cash	63	0.000001%
Put Option	5/26/2025	Cash	63	0.000001%
Put Option	5/26/2025	Cash	63	0.000001%
Put Option	12/16/2022	Cash	63	0.000001%
Put Option	12/21/2023	Cash	62	0.000001%
Put Option	12/21/2023	Cash	62	0.000001%
Put Option	12/21/2023	Cash	62	0.000001%
Put Option	12/16/2022	Cash	62	0.000001%
Call Option	10/10/2023	Cash	62	0.000001%
Call Option	9/18/2028	Cash	61	0.000001%
Call Option	9/18/2028	Cash	61	0.000001%
Call Option	9/18/2028	Cash	61	0.000001%
Put Option	12/16/2022	Cash	60	0.000001%
Put Option	12/16/2022	Cash	59	0.000001%
Put Option	12/16/2022	Cash	59	0.000001%
Put Option	12/16/2022	Cash	58	0.000001%
Call Option	1/20/2023	Cash	58	0.000001%
Put Option	6/25/2024	Cash	58	0.000001%
Put Option	6/25/2024	Cash	58	0.000001%
Put Option	6/25/2024	Cash	58	0.000001%
Put Option	12/16/2022	Cash	58	0.000001%
Put Option	5/24/2023	Cash	58	0.000001%
Put Option	5/24/2023	Cash	58	0.000001%
Put Option	5/24/2023	Cash	58	0.000001%
Put Option	10/28/2024	Cash	57	0.000001%
Put Option	10/28/2024	Cash	57	0.000001%
Put Option	10/28/2024	Cash	57	0.000001%
Call Option	4/23/2029	Cash	56	0.000001%
Call Option	5/26/2025	Cash	56	0.000001%
Call Option	5/26/2025	Cash	56	0.000001%
Call Option	5/26/2025	Cash	56	0.000001%
Call Option	2/25/2030	Cash	56	0.000001%
Call Option	2/23/2024	Cash	56	0.000001%
Call Option	2/23/2024	Cash	56	0.000001%
Call Option	2/23/2024	Cash	56	0.000001%
Call Option	7/24/2028	Cash	55	0.000001%
Put Option	6/26/2024	Cash	55	0.000001%
Put Option	6/26/2024	Cash	55	0.000001%
Put Option	6/26/2024	Cash	55	0.000001%
Put Option	4/30/2024	Cash	55	0.000001%
Put Option	4/30/2024	Cash	55	0.000001%
Put Option	4/30/2024	Cash	55	0.000001%
Put Option	5/15/2023	Cash	54	0.000001%
Put Option	5/15/2023	Cash	54	0.000001%
Put Option	12/16/2022	Cash	53	0.000001%
Put Option	4/26/2023	Cash	53	0.000001%

Put Option	4/26/2023	Cash	53	0.000001%
Put Option	4/26/2023	Cash	53	0.000001%
Put Option	12/16/2022	Cash	51	0.000001%
Call Option	12/16/2022	Cash	51	0.000001%
Call Option	1/28/2030	Cash	51	0.000001%
Call Option	12/29/2022	Cash	49	0.000001%
Call Option	12/29/2022	Cash	49	0.000001%
Call Option	12/29/2022	Cash	49	0.000001%
Put Option	12/16/2022	Cash	49	0.000001%
Put Option	12/16/2022	Cash	48	0.000001%
Call Option	11/23/2023	Cash	47	0.000001%
Call Option	10/27/2028	Cash	47	0.000001%
Call Option	5/22/2023	Cash	47	0.000001%
Put Option	1/29/2024	Cash	46	0.000001%
Put Option	1/29/2024	Cash	46	0.000001%
Put Option	1/29/2024	Cash	46	0.000001%
Put Option	6/28/2024	Cash	45	0.000001%
Put Option	6/28/2024	Cash	45	0.000001%
Put Option	6/28/2024	Cash	45	0.000001%
Put Option	12/30/2024	Cash	45	0.000001%
Put Option	12/30/2024	Cash	45	0.000001%
Put Option	12/30/2024	Cash	45	0.000001%
Put Option	12/16/2022	Cash	45	0.000001%

Put Option	12/16/2022	Cash	45	0.000001%
Put Option	12/16/2022	Cash	44	0.000001%
Put Option	2/26/2024	Cash	44	0.000001%
Put Option	2/26/2024	Cash	44	0.000001%
Put Option	2/26/2024	Cash	44	0.000001%
Put Option	11/26/2024	Cash	43	0.000001%
Put Option	11/26/2024	Cash	43	0.000001%
Put Option	11/26/2024	Cash	43	0.000001%
Put Option	5/31/2023	Cash	43	0.000001%
Put Option	5/31/2023	Cash	43	0.000001%
Put Option	5/31/2023	Cash	43	0.000001%
Put Option	12/16/2022	Cash	43	0.000001%
Put Option	6/12/2023	Cash	42	0.000001%
Put Option	6/12/2023	Cash	42	0.000001%
Put Option	6/12/2023	Cash	42	0.000001%
Put Option	7/31/2024	Cash	42	0.000001%
Put Option	7/31/2024	Cash	42	0.000001%
Put Option	7/31/2024	Cash	42	0.000001%
Call Option	8/21/2028	Cash	42	0.000001%
Call Option	8/21/2028	Cash	42	0.000001%
Call Option	8/21/2028	Cash	42	0.000001%
Put Option	3/27/2023	Cash	42	0.000001%
Put Option	3/27/2023	Cash	42	0.000001%
Put Option	3/27/2023	Cash	42	0.000001%
Put Option	5/31/2024	Cash	41	0.000001%
Put Option	5/31/2024	Cash	41	0.000001%
Put Option	5/31/2024	Cash	41	0.000001%
Put Option	12/16/2022	Cash	41	0.000001%
Put Option	4/25/2024	Cash	40	0.000001%
Put Option	4/25/2024	Cash	40	0.000001%
Put Option	4/25/2024	Cash	40	0.000001%
Put Option	12/16/2022	Cash	40	0.000001%
Put Option	10/26/2023	Cash	40	0.000001%
Put Option	10/26/2023	Cash	40	0.000001%
Put Option	10/26/2023	Cash	40	0.000001%
Call Option	12/16/2022	Cash	40	0.000001%
Put Option	12/16/2022	Cash	39	0.000001%
Put Option	1/2/2023	Cash	39	0.000001%
Put Option	1/2/2023	Cash	39	0.000001%
Put Option	1/2/2023	Cash	39	0.000001%
Put Option	8/27/2024	Cash	38	0.000001%
Put Option	8/27/2024	Cash	38	0.000001%
Put Option	8/27/2024	Cash	38	0.000001%
Put Option	12/16/2022	Cash	38	0.000001%
Call Option	5/28/2024	Cash	38	0.000001%
Call Option	5/28/2024	Cash	38	0.000001%
Call Option	5/28/2024	Cash	38	0.000001%
Call Option	4/3/2023	Cash	37	0.000001%
Call Option	4/3/2023	Cash	37	0.000001%
Call Option	4/3/2023	Cash	37	0.000001%
Put Option	9/25/2024	Cash	37	0.000001%
Put Option	9/25/2024	Cash	37	0.000001%
Put Option	9/25/2024	Cash	37	0.000001%
Call Option	5/21/2029	Cash	36	0.000001%
Put Option	6/21/2023	Cash	36	0.000001%
Put Option	6/21/2023	Cash	36	0.000001%
Put Option	4/28/2025	Cash	35	0.000001%
Put Option	4/28/2025	Cash	35	0.000001%
Put Option	4/28/2025	Cash	35	0.000001%
Put Option	8/31/2023	Cash	35	0.000001%
Put Option	8/31/2023	Cash	35	0.000001%
Put Option	8/31/2023	Cash	35	0.000001%
Put Option	12/16/2022	Cash	35	0.000001%
Call Option	8/23/2024	Cash	35	0.000001%
Call Option	8/23/2024	Cash	35	0.000001%
Call Option	8/23/2024	Cash	35	0.000001%
Call Option	10/23/2023	Cash	34	0.000001%
Put Option	12/16/2022	Cash	34	0.000001%

Call Option	12/16/2022	Cash	32	0.000001%
Put Option	7/26/2023	Cash	32	0.000001%
Put Option	7/26/2023	Cash	32	0.000001%
Put Option	7/26/2023	Cash	32	0.000001%
Put Option	3/31/2025	Cash	32	0.000001%
Put Option	3/31/2025	Cash	32	0.000001%
Put Option	3/31/2025	Cash	32	0.000001%
Call Option	6/18/2029	Cash	32	0.000001%
Put Option	12/16/2022	Cash	32	0.000001%
Call Option	7/24/2028	Cash	31	0.000001%
Call Option	7/24/2028	Cash	31	0.000001%
Call Option	7/24/2028	Cash	31	0.000001%
Put Option	12/16/2022	Cash	31	0.000001%
Put Option	12/16/2022	Cash	31	0.000001%
Call Option	12/16/2022	Cash	30	0.000001%
Put Option	12/16/2022	Cash	30	0.000001%
Call Option	12/2/2032	Cash	29	0.000001%
Put Option	9/30/2024	Cash	28	0.0000005%
Put Option	9/30/2024	Cash	28	0.0000005%
Put Option	9/30/2024	Cash	28	0.0000005%
Put Option	10/31/2024	Cash	28	0.0000005%
Put Option	10/31/2024	Cash	28	0.0000005%
Put Option	10/31/2024	Cash	28	0.0000005%

Put Option	4/25/2023	Cash	28	0.0000005%
Put Option	4/25/2023	Cash	28	0.0000005%
Put Option	4/25/2023	Cash	28	0.0000005%
Put Option	6/26/2023	Cash	28	0.0000005%
Put Option	6/26/2023	Cash	28	0.0000005%
Put Option	6/26/2023	Cash	28	0.0000005%
Call Option	12/16/2022	Cash	28	0.0000005%
Put Option	2/8/2023	Cash	27	0.0000005%
Put Option	2/8/2023	Cash	27	0.0000005%
Put Option	2/8/2023	Cash	27	0.0000005%
Put Option	6/29/2023	Cash	27	0.0000005%
Put Option	6/29/2023	Cash	27	0.0000005%
Put Option	6/29/2023	Cash	27	0.0000005%
Put Option	11/30/2023	Cash	27	0.0000005%
Put Option	11/30/2023	Cash	27	0.0000005%
Put Option	11/30/2023	Cash	27	0.0000005%
Put Option	12/16/2022	Cash	27	0.0000005%
Call Option	2/14/2029	Cash	26	0.0000005%
Put Option	12/16/2022	Cash	26	0.0000005%
Put Option	12/16/2022	Cash	26	0.0000005%
Put Option	12/29/2022	Cash	25	0.0000004%
Put Option	12/29/2022	Cash	25	0.0000004%
Put Option	1/30/2023	Cash	25	0.0000004%
Put Option	1/30/2023	Cash	25	0.0000004%
Put Option	12/16/2022	Cash	24	0.0000004%
Put Option	1/29/2024	Cash	24	0.0000004%
Put Option	1/29/2024	Cash	24	0.0000004%
Put Option	1/29/2024	Cash	24	0.0000004%
Put Option	12/16/2022	Cash	22	0.0000004%
Put Option	2/23/2023	Cash	21	0.0000004%
Put Option	2/23/2023	Cash	21	0.0000004%
Put Option	2/23/2023	Cash	21	0.0000004%
Future	12/15/2023	Cash	20	0.0000004%
Put Option	8/28/2023	Cash	20	0.0000004%
Put Option	8/28/2023	Cash	20	0.0000004%
Put Option	8/28/2023	Cash	20	0.0000004%
Put Option	9/28/2023	Cash	20	0.0000004%
Put Option	9/28/2023	Cash	20	0.0000004%
Put Option	9/28/2023	Cash	20	0.0000004%
Call Option	3/17/2023	Cash	20	0.0000004%
Call Option	11/20/2023	Cash	20	0.0000003%
Call Option	7/1/2024	Cash	19	0.0000003%
Call Option	7/1/2024	Cash	19	0.0000003%
Call Option	7/1/2024	Cash	19	0.0000003%
Put Option	9/25/2023	Cash	19	0.0000003%
Put Option	9/25/2023	Cash	19	0.0000003%
Put Option	9/25/2023	Cash	19	0.0000003%
Call Option	11/23/2023	Cash	19	0.0000003%
Put Option	12/16/2022	Cash	18	0.0000003%
Put Option	10/31/2023	Cash	17	0.0000003%
Put Option	10/31/2023	Cash	17	0.0000003%
Put Option	10/31/2023	Cash	17	0.0000003%
Put Option	4/28/2023	Cash	17	0.0000003%
Put Option	4/28/2023	Cash	17	0.0000003%
Put Option	4/28/2023	Cash	17	0.0000003%
Put Option	7/31/2023	Cash	17	0.0000003%
Put Option	7/31/2023	Cash	17	0.0000003%
Put Option	7/31/2023	Cash	17	0.0000003%
Call Option	8/6/2024	Cash	17	0.0000003%
Call Option	8/6/2024	Cash	17	0.0000003%
Call Option	8/6/2024	Cash	17	0.0000003%
Put Option	12/16/2022	Cash	16	0.0000003%
Put Option	3/28/2023	Cash	15	0.0000003%
Put Option	3/28/2023	Cash	15	0.0000003%
Put Option	3/28/2023	Cash	15	0.0000003%
Call Option	3/26/2024	Cash	14	0.0000003%
Call Option	3/26/2024	Cash	14	0.0000003%
Call Option	3/26/2024	Cash	14	0.0000003%

Put Option	12/16/2022	Cash	14	0.0000002%
Call Option	4/29/2024	Cash	13	0.0000002%
Call Option	4/29/2024	Cash	13	0.0000002%
Call Option	4/29/2024	Cash	13	0.0000002%
Put Option	8/28/2024	Cash	12	0.0000002%
Put Option	8/28/2024	Cash	12	0.0000002%
Put Option	8/28/2024	Cash	12	0.0000002%
Put Option	4/3/2023	Cash	12	0.0000002%
Put Option	4/3/2023	Cash	12	0.0000002%
Put Option	4/3/2023	Cash	12	0.0000002%
Put Option	8/30/2024	Cash	12	0.0000002%
Put Option	8/30/2024	Cash	12	0.0000002%
Put Option	8/30/2024	Cash	12	0.0000002%
Put Option	12/16/2022	Cash	12	0.0000002%
Call Option	12/16/2022	Cash	11	0.0000002%
Call Option	8/28/2024	Cash	11	0.0000002%
Call Option	8/28/2024	Cash	11	0.0000002%
Call Option	8/28/2024	Cash	11	0.0000002%
Put Option	11/27/2023	Cash	11	0.0000002%
Put Option	11/27/2023	Cash	11	0.0000002%
Put Option	11/27/2023	Cash	11	0.0000002%
Call Option	12/16/2022	Cash	11	0.0000002%
Call Option	6/21/2023	Cash	10	0.0000002%

Call Option	6/21/2023	Cash	10	0.0000002%
Call Option	7/25/2023	Cash	10	0.0000002%
Call Option	12/27/2023	Cash	10	0.0000002%
Put Option	12/16/2022	Cash	10	0.0000002%
Put Option	12/16/2022	Cash	10	0.0000002%
Put Option	7/26/2024	Cash	10	0.0000002%
Put Option	7/26/2024	Cash	10	0.0000002%
Put Option	7/26/2024	Cash	10	0.0000002%
Call Option	12/16/2022	Cash	10	0.0000002%
Put Option	3/26/2024	Cash	9	0.0000002%
Put Option	3/26/2024	Cash	9	0.0000002%
Put Option	3/26/2024	Cash	9	0.0000002%
Call Option	11/20/2023	Cash	9	0.0000002%
Put Option	1/29/2024	Cash	9	0.0000002%
Put Option	1/29/2024	Cash	9	0.0000002%
Put Option	1/29/2024	Cash	9	0.0000002%
Call Option	1/29/2024	Cash	9	0.0000002%
Call Option	1/29/2024	Cash	9	0.0000002%
Call Option	1/29/2024	Cash	9	0.0000002%
Call Option	10/25/2024	Cash	9	0.0000002%
Put Option	4/28/2025	Cash	9	0.0000002%
Put Option	4/28/2025	Cash	9	0.0000002%
Put Option	4/28/2025	Cash	9	0.0000002%
Call Option	12/16/2022	Cash	8	0.0000001%
Call Option	12/16/2022	Cash	8	0.0000001%
Put Option	8/28/2024	Cash	7	0.0000001%
Put Option	8/28/2024	Cash	7	0.0000001%
Put Option	8/28/2024	Cash	7	0.0000001%
Put Option	12/16/2022	Cash	7	0.0000001%
Put Option	3/27/2023	Cash	6	0.0000001%
Put Option	3/27/2023	Cash	6	0.0000001%
Put Option	3/27/2023	Cash	6	0.0000001%
Call Option	12/30/2022	Cash	6	0.0000001%
Call Option	12/30/2022	Cash	6	0.0000001%
Call Option	12/30/2022	Cash	6	0.0000001%
Call Option	12/16/2022	Cash	6	0.0000001%
Put Option	2/28/2023	Cash	6	0.0000001%
Put Option	2/28/2023	Cash	6	0.0000001%
Put Option	2/28/2023	Cash	6	0.0000001%
Put Option	12/16/2022	Cash	5	0.0000001%
Put Option	1/30/2023	Cash	5	0.0000001%
Put Option	1/30/2023	Cash	5	0.0000001%
Call Option	7/25/2024	Cash	5	0.0000001%
Put Option	1/31/2023	Cash	5	0.0000001%
Put Option	1/31/2023	Cash	5	0.0000001%
Call Option	12/16/2022	Cash	5	0.0000001%
Call Option	9/25/2024	Cash	4	0.0000001%
Put Option	12/29/2022	Cash	4	0.0000001%
Put Option	12/29/2022	Cash	4	0.0000001%
Call Option	12/16/2022	Cash	4	0.0000001%
Put Option	1/29/2024	Cash	4	0.0000001%
Put Option	1/29/2024	Cash	4	0.0000001%
Put Option	1/29/2024	Cash	4	0.0000001%
Call Option	12/16/2022	Cash	4	0.0000001%
Call Option	12/16/2022	Cash	3	0.0000001%
Put Option	1/20/2023	Cash	3	0.0000001%
Call Option	12/16/2022	Cash	3	0.0000001%
Call Option	12/16/2022	Cash	3	0.0000001%
Call Option	3/17/2023	Cash	3	0.0000001%
Call Option	11/28/2023	Cash	3	0.0000001%
Call Option	11/28/2023	Cash	3	0.0000001%
Call Option	3/17/2023	Cash	3	0.0000001%
Call Option	7/24/2023	Cash	3	0.0000005%
Call Option	3/17/2023	Cash	2	0.0000004%
Swap	2/28/2023	Cash	2	0.0000004%
Call Option	8/26/2024	Cash	2	0.0000003%
Call Option	12/16/2022	Cash	2	0.0000003%
Call Option	12/16/2022	Cash	2	0.0000003%

Call Option	2/22/2024	Cash	2	0.00000003%
Call Option	5/24/2024	Cash	2	0.00000003%
Put Option	12/28/2022	Cash	2	0.00000003%
Put Option	12/28/2022	Cash	2	0.00000003%
Call Option	3/17/2023	Cash	2	0.00000003%
Call Option	11/28/2024	Cash	2	0.00000003%
Call Option	1/31/2024	Cash	2	0.00000003%
Call Option	6/26/2024	Cash	2	0.00000003%
Call Option	1/31/2024	Cash	1	0.00000003%
Put Option	12/16/2022	Cash	1	0.00000002%
Put Option	12/20/2022	Cash	1	0.00000002%
Put Option	12/20/2022	Cash	1	0.00000002%
Put Option	12/20/2022	Cash	1	0.00000002%
Put Option	12/21/2022	Cash	1	0.00000001%
Put Option	12/21/2022	Cash	1	0.00000001%
Put Option	12/16/2022	Cash	1	0.00000001%
Call Option	1/25/2023	Cash	1	0.00000001%
Total Number of voting rights and percentage of voting rights			<u>282,831,679</u>	

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 8, 2022

Nokia Corporation

By: /s/ Esa Niinimäki

Name: Esa Niinimäki

Title: Interim Chief Legal Officer; Corporate
