



June 26, 2020

Via Federal Express

Ms. Jeanette Marshall
Securities and Exchange Commission
Division of Trading and Markets
100 F Street, N.E.
Mail Stop 6628
Washington, DC 20549-0001

Re: ***Cboe BYX Exchange, Inc.
Form 1 Amendment***

Dear Ms. Marshall:

On behalf of Cboe BYX Exchange, Inc. (the “Exchange”), and in connection with the Cboe Form 1 that is on file with the Securities and Exchange Commission (“Commission”), enclosed please find one original and two copies of the Execution Page to Form 1 as well as the following exhibits¹:

- Exhibit A (updated to reflect the Exchange’s Certificate of Incorporation and Bylaw information in accordance with SEC Rule 6a-2(d)(3));
- Exhibit B (updated to reflect location of the Exchange’s current rulebook and information circulars in accordance with SEC Rule 6a-2(d)(3));
- Exhibit C (updated to reflect list of Directors and Committee Members);
- Exhibit H (listing applications, including agreements required to be executed in connection with listing and a schedule of listing fees);
- Exhibit J (updated to reflect any changes in names, titles, positions or term commencement dates and types of business of Officers and Directors);
- Exhibit K (included as part of annual submission but no changes as compared to Exhibit on file);
- Exhibit M (included as part of annual submission but no changes as compared to Exhibit on file);
- Exhibit N (updated to provide all securities listed on the exchange, securities admitted to unlisted privileges, exempt securities and all other securities traded on the Exchange

This amendment is filed in accordance with SEC Rule 6a-2 and is intended to replace Exhibits A, B, C, H, J, K, M & N currently on file with the Commission. Please do not hesitate to contact me if you have any questions or require anything further.

¹ This submission serves as the required annual submission of Exhibits A, B, C, H, J, K, M & N. See Attachement for a comprehensive list of updates to these Exhibits.

Sincerely,

Kyle Murray

Kyle Murray
VP, Associate General Counsel
913-815-7121
Signature executed at 11:00am on 06/26/20

Enclosures

Attachment

Summary of changes made to Exhibit A:

- See Exhibit for required materials

Summary of changes made to Exhibit B:

- See Exhibit for required materials

Summary of changes made to Exhibit C:

- Vivian Yiu's title changed to VP, FX Chief Operating Officer on Cboe BZX Exchange, Inc., Cboe EDGA Exchange, Inc., Cboe EDGX Exchange, Inc., Cboe Exchange, Inc., Cboe C2 Exchange, Inc., and Cboe Bats, LLC
- Vivian Yiu was added as an officer on Cboe FX Markets, LLC
- Edward Fitzpatrick was added as a director on Cboe Global Markets, Inc.
- Bryan Harkins was added as an officer on Cboe Canada Holdings, ULC
- Carole Stone was removed as a director on Cboe Global Markets, Inc.
- Frank English was removed as a director on Cboe Global Markets, Inc.
- Lawrence Bresnahan was removed as an officer on Cboe BZX Exchange, Inc., Cboe EDGA Exchange, Inc., Cboe EDGX Exchange, Inc., Cboe Exchange, Inc., Cboe C2 Exchange, Inc., and Cboe Bats, LLC

Summary of changes made to Exhibit H:

- See Exhibit for required materials

Summary of changes made to Exhibit J:

- Vivian Yiu's title changed to VP, FX Chief Operating Officer
- Lawrence Bresnahan was removed as an officer

Summary of changes made to Exhibit K:

- No changes since previous submission dated 06/13/19

Summary of changes made to Exhibit M:

- Name Change:
 - Quantex Clearing LLC changed names to Velocity Clearing LLC

Summary of changes made to Exhibit N:

- Updated data as of 06/18/20

***Based upon relief from the Commission staff and difficulties arising from COVID-19, we are making this filing without notarization. This document has been signed electronically.**

Form 1 Page 1 Execution Page	U.S. SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549 APPLICATION FOR, AND AMENDMENTS TO APPLICATION FOR, REGISTRATION AS A NATIONAL SECURITIES EXCHANGE OR EXEMPTION FROM REGISTRATION PURSUANT TO SECTION 5 OF THE EXCHANGE ACT	Date filed (MM/DD/YY) 06/26/20	OFFICIAL USE ONLY
<p>WARNING: Failure to keep this form current and to file accurate supplementary information on a timely basis, or the failure to keep accurate books and records or otherwise to comply with the provisions of law applying to the conduct of the applicant would violate the federal securities laws and may result in disciplinary, administrative or criminal action.</p>			
INTENTIONAL MISSTATEMENTS OR OMISSIONS OF FACTS MAY CONSTITUTE CRIMINAL VIOLATIONS			
<p><input type="checkbox"/> APPLICATION <input checked="" type="checkbox"/> AMENDMENT</p>			
<p>1. State the name of the applicant: <u>Cboe BYX Exchange, Inc.</u></p>			
<p>2. Provide the applicant's primary street address (Do not use a P.O. Box): <u>400 South LaSalle Street</u> <u>Chicago, Illinois 60605</u></p>			
			 20012229
<p>3. Provide the applicant's mailing address (if different): _____ _____</p>			
<p>4. Provide the business telephone and facsimile number: <u>(913) 815-7000</u> <u>(913) 815-7119</u> (Telephone) (Facsimile)</p>			
<p>5. Provide the name, title and telephone number of a contact employee: <u>Kyle Murray</u> <u>VP, Associate General Counsel, Cboe BYX Exchange, Inc.</u> <u>(913) 815-7121</u> (Name) (Title) (Telephone Number)</p>			
<p>6. Provide the name and address of counsel for the applicant: <u>Pat Sexton</u> <u>400 S. LaSalle Street</u> <u>Chicago, IL 60605</u></p>			
<p>7. Provide the date that applicant's fiscal year ends: <u>December 31</u></p>			
<p>8. Indicate legal status of the applicant: <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Sole Partnership <input type="checkbox"/> Partnership <input type="checkbox"/> Limited Liability Company <input type="checkbox"/> Other (specify): _____</p> <p>If other than a sole proprietor, indicate the date and place where applicant obtained its legal status (e.g. state where incorporated, place where partnership agreement was filed or where applicant entity was formed): (a) Date (MM/DD/YY): <u>11/01/07</u> (b) State/Country of formation: <u>Delaware/United States of America</u> (c) Statute under which applicant was organized: <u>General Corporation Law of the State of Delaware</u></p>			
<p>EXECUTION: The applicant consents that service of any civil action brought by, or notice of any proceeding before, the Securities and Exchange Commission in connection with the applicant's activities may be given by registered or certified mail or confirmed telegram to the applicant's contact employee at the main address, or mailing address if different, given in Items 2 and 3. The undersigned, being first duly sworn, deposes and says that he/she has executed this form on behalf of, and with the authority of, said applicant. The undersigned and applicant represent that the information and statement contained herein, including exhibits, schedules, or other documents attached hereto, and other information filed herewith, all of which are made a part hereof, are current, true and complete.</p>			
<p>Date: <u>06/26/20</u> <u>Cboe BYX Exchange, Inc.</u> (MM/DD/YY) (Name of Applicant)</p>			
<p>By: <u>Kyle Murray</u> [signature executed at 11:00am on 06/26/20] <u>Kyle Murray, VP, Associate General Counsel</u> (Signature) (Printed Name and Title)</p>			
<p>Subscribed and sworn before me this <u>see header</u> day of <u>see header</u>, <u>see header</u> by <u>see header</u> (Month) (Year) (Notary Public)</p>			
<p>My Commission expires <u>see header</u> County of <u>see header</u> State of <u>see header</u></p>			
<p>This page must always be completed in full with original, manual signature and notarization. Affix notary stamp or seal where applicable.</p>			

Exhibit A

Exhibit Request:

A copy of the constitution, articles of incorporation or association with all subsequent amendments, and of existing by-laws or corresponding rules or instruments, whatever the name, of the applicant.

Response:

Cboe BYX Exchange, Inc. (the “Exchange”) is registered as a national securities exchange pursuant to Section 6(a) of the Securities Exchange Act of 1934. The following materials required by this Exhibit A are available on the “Regulation” page of the Exchange’s public website (<http://markets.cboe.com/us/equities/regulation/>):

1. Certificate of Incorporation of Cboe BYX Exchange, Inc.
2. Amended and Restated By-Laws of Cboe BYX Exchange, Inc.

These documents are updated and accurate as of the dates of each document.

Exhibit B

Exhibit Request:

A copy of all written rulings, settled practices having the effect of rules, and interpretations of the Governing Board or other committee of the applicant in respect of any provisions of the constitution, by-laws, rules, or trading practices of the applicant which are not included in Exhibit A.

Response:

1. The Rules of Cboe BYX Exchange, Inc. are available at <http://markets.cboe.com/us/equities/regulation/>. Rule filings and circulars are also available at this location. These documents are updated frequently and are accurate as of the respective dates on each document.

Exhibit C

Exhibit Request:

For each subsidiary or affiliate of the applicant, and for any entity with whom the applicant has a contractual or other agreement relating to the operation of an electronic trading system to be used to effect transactions on the exchange (“System”), provide the following information:

1. Name and address of organization.
2. Form of organization (e.g., association, corporation, partnership, etc.).
3. Name of state and statute citation under which organized. Date of incorporation in present form.
4. Brief description of nature and extent of affiliation.
5. Brief description of business or functions. Description should include responsibilities with respect to operation of the System and/or execution, reporting, clearance, or settlement of transactions in connection with operation of the System.
6. A copy of the constitution.
7. A copy of the articles of incorporation or association including all amendments.
8. A copy of existing by-laws or corresponding rules or instruments.
9. The name and title of the present officers, governors, members of all standing committees or persons performing similar functions.
10. An indication of whether such business or organization ceased to be associated with the applicant during the previous year, and a brief statement of the reasons for termination of the association.

Response: Please see below responses for the following entities:

A. Bats Global Markets Holdings, Inc.

1. *Name:* Bats Global Markets Holdings, Inc.
Address: 8050 Marshall Dr., Ste. 120, Lenexa, KS 66214
2. *Form of organization:* Corporation.
3. *Name of state, statute under which organized and date of incorporation:*
Incorporated in Delaware under Section 101 of the General Corporation Law of the State of Delaware on June 29, 2007.
4. *Brief description of nature and extent of affiliation:* Cboe Bats, LLC owns 100% of the membership interests of Bats Global Markets Holdings, Inc. Bats Global Markets Holdings, Inc. is the Exchange's 100% owner.
5. *Brief description of business or functions:* Bats Global Markets Holdings, Inc. is an intermediate holding company.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* No changes.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors

- Ed Tilly
- Brian Schell

Current Officers

- Ed Tilly (President and Chief Executive Officer)
- Jen Browning (Vice President)
- Jill Griebenow (Vice President)
- Bryan Harkins (Vice President)
- Chris Isaacson (Vice President)
- Jackie Hancock (Vice President and Controller)
- Emily Mitchell (Vice President)
- Brian Schell (Treasurer)
- J. Patrick Sexton (Secretary)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

B. Direct Edge LLC

1. *Name:* Direct Edge LLC
Address: 8050 Marshall Dr., Ste. 120, Lenexa, KS 66214
2. *Form of organization:* Limited Liability Company.
3. *Name of state, statute under which organized and date of incorporation:* Formed in Delaware under Section 201 of the Limited Liability Company Act of the State of Delaware on December 31, 2014. Was converted from Direct Edge, Inc., a Delaware corporation, on December 31, 2014.
4. *Brief description of nature and extent of affiliation:* Cboe Bats, LLC owns 100% of the membership interests of Direct Edge LLC.
5. *Brief description of business or functions:* Direct Edge LLC is an intermediate holding company. Direct Edge LLC is the sole shareholder of Cboe EDGA Exchange, Inc. and Cboe EDGX Exchange, Inc.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws or corresponding rules or instruments:* No changes.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors

- None

Current Officers

- Ed Tilly (President and Chief Executive Officer)
 - Jill Griebenow (Vice President)
 - Bryan Harkins (Vice President)
 - Chris Isaacson (Vice President)
 - Jackie Hancock (Vice President and Controller)
 - Emily Mitchell (Vice President)
 - Brian Schell (Treasurer)
 - J. Patrick Sexton (Secretary)
10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

C. Cboe BZX Exchange, Inc.

1. *Name:* Cboe BZX Exchange, Inc.
Address: 400 South LaSalle Street, Chicago, Illinois 60605
2. *Form of organization:* Corporation.
3. *Name of state, statute under which organized and date of incorporation:*
Incorporated in Delaware under Section 101 of the General Corporation Law of the State of Delaware on November 1, 2007.
4. *Brief description of nature and extent of affiliation:* Cboe BZX Exchange, Inc. is wholly-owned by Bats Global Markets Holdings, Inc., which is also the Exchange's 100% owner.
5. *Brief description of business or functions:* Cboe BZX Exchange, Inc. operates as a registered national securities exchange pursuant to Section 6 of the Act.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* No changes.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors

- Ed Tilly
- Bruce Andrews
- Kevin Murphy
- Jill Sommers

Current Officers

- Ed Tilly (President and Chief Executive Officer)
- Alexandra Albright (SVP, Chief Compliance Officer)
- Jen Browning (VP, Head of Human Resources)
- Kevin Carrai (VP, Market Data and Access Services)
- Cole Chmielewski (Vice President, Operations)
- Catherine Clay (SVP, Information Solutions)
- Gary Compton (VP, Communications)
- Jeff Connell (VP, Deputy Chief Regulatory Officer)
- Brent Coonrod (VP, Software Engineering)
- Arianne Criqui (SVP, Head of Options and Business Development)
- Eric Crampton (SVP, CTO)
- Gina DeRaimo (VP, Derivatives Institute)
- John Deters (EVP, Chief Strategy Officer & Head Multi-Asset Solutions)

Cboe BYX Exchange, Inc. Form 1 Registration Statement: Exhibit C

- Laura Dickman (VP, Associate General Counsel)
- James Enstrom (SVP, & Chief Audit Exec)
- Angelo Evangelou (SVP, Chief Policy Officer)
- Todd Furney (VP, Chief Risk Officer)
- Jennifer Golding (VP, Associate General Counsel, Chief Litigation Officer)
- Jill Griebnow (SVP & Chief Accounting Officer)
- Jackie Hancock (VP, Controller)
- John Hiatt (VP, Product Development)
- Bryan Harkins (EVP, Head of Markets Division)
- Rob Hocking (SVP, Head of Derivatives Strategy)
- Gregory Hoogasian (SVP, CRO)
- Dave Howson (EVP and President, Cboe Europe)
- Adam Inzirillo (SVP, Head of U.S. Equities)
- Chris Isaacson (EVP, COO)
- Brett Johnson (VP, Software Engineering)
- Carol Kennedy (SVP, Chief Communications Officer)
- Jennifer Lamie (VP, Chief Regulatory Advisor)
- Stephanie Marrin Lara (VP, Deputy Chief Reg Officer)
- Andrew Lowenthal (EVP, International Expansion)
- Marc Magrini (VP, Administration)
- Emily Mitchell (Vice President, Tax)
- Michael Mollet (VP, MAS Product Development)
- Anthony Montesano (VP, TSD and Registration)
- Laura Morrison (SVP, ETP Listings)
- Kyle Murray (VP and Associate General Counsel)
- Dan Overmyer (VP, Options Regulation)
- Arthur Reinstein (SVP & Deputy General Counsel)
- Brian Schell (EVP, CFO, & Treasurer)
- Curt Schumacher (VP, Infrastructure)
- J. Patrick Sexton (Executive Vice President, General Counsel & Corporate Secretary)
- Steven Sinclair (VP, Systems Development)
- Eileen Smith (VP, Data and Analytics)
- Aaron Weissenfluh (VP, CISO)
- Troy Yeazel (SVP, Operations)
- Vivian Yiu (VP, FX Chief Operating Officer)

Standing Committees

Executive Committee

- Ed Tilly
- Bruce Andrews
- Kevin Murphy
- David Roscoe

Cboe BYX Exchange, Inc. Form 1 Registration Statement: Exhibit C

- Jill Sommers
- Scott Wagner

Regulatory Oversight Committee

- Scott Wagner
- Bruce Andrews
- David Roscoe
- Jill Sommers

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

D. Cboe EDGA Exchange, Inc.

1. *Name:* Cboe EDGA Exchange, Inc.
Address: 400 South LaSalle Street, Chicago, Illinois 60605
2. *Form of organization:* Corporation.
3. *Name of state, statute under which organized and date of incorporation:* Formed in Delaware under the General Corporation Law of the State of Delaware on March 9, 2009.
4. *Brief description of nature and extent of affiliation:* Cboe EDGA Exchange, Inc. is an indirect wholly-owned subsidiary of Cboe Global Markets, Inc., the Exchange's ultimate parent.
5. *Brief description of business or functions:* Cboe EDGA Exchange, Inc. operates a registered national securities exchange pursuant to Section 6 of the Act.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* No changes.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors

- Ed Tilly
- Bruce Andrews
- Kevin Murphy
- Jill Sommers

Current Officers

- Ed Tilly (President and Chief Executive Officer)
- Alexandra Albright (SVP, Chief Compliance Officer)
- Jen Browning (VP, Head of Human Resources)
- Kevin Carrai (VP, Market Data and Access Services)
- Cole Chmielewski (Vice President, Operations)
- Catherine Clay (SVP, Information Solutions)
- Gary Compton (VP, Communications)
- Jeff Connell (VP, Deputy Chief Regulatory Officer)
- Brent Coonrod (VP, Software Engineering)
- Arianne Criqui (SVP, Head of Options and Business Development)
- Eric Crampton (SVP, CTO)
- Gina DeRaimo (VP, Derivatives Institute)
- John Deters (EVP, Chief Strategy Officer & Head Multi-Asset Solutions)

Cboe BYX Exchange, Inc. Form 1 Registration Statement: Exhibit C

- Laura Dickman (VP, Associate General Counsel)
- James Enstrom (SVP, & Chief Audit Exec)
- Angelo Evangelou (SVP, Chief Policy Officer)
- Todd Furney (VP, Chief Risk Officer)
- Jennifer Golding (VP, Associate General Counsel, Chief Litigation Officer)
- Jill Griebnow (SVP & Chief Accounting Officer)
- Jackie Hancock (VP, Controller)
- John Hiatt (VP, Product Development)
- Bryan Harkins (EVP, Head of Markets Division)
- Rob Hocking (SVP, Head of Derivatives Strategy)
- Gregory Hoogasian (SVP, CRO)
- Dave Howson (EVP and President, Cboe Europe)
- Adam Inzirillo (SVP, Head of U.S. Equities)
- Chris Isaacson (EVP, COO)
- Brett Johnson (VP, Software Engineering)
- Carol Kennedy (SVP, Chief Communications Officer)
- Jennifer Lamie (VP, Chief Regulatory Advisor)
- Stephanie Marrin Lara (VP, Deputy Chief Reg Officer)
- Andrew Lowenthal (EVP, International Expansion)
- Marc Magrini (VP, Administration)
- Emily Mitchell (Vice President, Tax)
- Michael Mollet (VP, MAS Product Development)
- Anthony Montesano (VP, TSD and Registration)
- Laura Morrison (SVP, ETP Listings)
- Kyle Murray (VP and Associate General Counsel)
- Dan Overmyer (VP, Options Regulation)
- Arthur Reinstein (SVP & Deputy General Counsel)
- Brian Schell (EVP, CFO, & Treasurer)
- Curt Schumacher (VP, Infrastructure)
- J. Patrick Sexton (Executive Vice President, General Counsel & Corporate Secretary)
- Steven Sinclair (VP, Systems Development)
- Eileen Smith (VP, Data and Analytics)
- Aaron Weissenfluh (VP, CISO)
- Troy Yeazel (SVP, Operations)
- Vivian Yiu (VP, FX Chief Operating Officer)

Standing Committees

Executive Committee

- Ed Tilly
- Bruce Andrews
- Kevin Murphy
- David Roscoe

Cboe BYX Exchange, Inc. Form 1 Registration Statement: Exhibit C

- Jill Sommers
- Scott Wagner

Regulatory Oversight Committee

- Scott Wagner
- Bruce Andrews
- David Roscoe
- Jill Sommers

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

E. Cboe EDGX Exchange, Inc.

1. *Name:* Cboe EDGX Exchange, Inc.
Address: 400 South LaSalle Street, Chicago, Illinois 60605
2. *Form of organization:* Corporation.
3. *Name of state, statute under which organized and date of incorporation:* Formed in Delaware under the General Corporation Law of the State of Delaware on March 9, 2009.
4. *Brief description of nature and extent of affiliation:* Cboe EDGX Exchange, Inc. is an indirect wholly-owned subsidiary of Cboe Global Markets, Inc., the Exchange's ultimate parent.
5. *Brief description of business or functions:* Cboe EDGX Exchange, Inc. operates a registered national securities exchange pursuant to Section 6 of the Act.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* No changes.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors

- Ed Tilly
- Bruce Andrews
- Kevin Murphy
- Jill Sommers

Current Officers

- Ed Tilly (President and Chief Executive Officer)
- Alexandra Albright (SVP, Chief Compliance Officer)
- Jen Browning (VP, Head of Human Resources)
- Kevin Carrai (VP, Market Data and Access Services)
- Cole Chmielewski (Vice President, Operations)
- Catherine Clay (SVP, Information Solutions)
- Gary Compton (VP, Communications)
- Jeff Connell (VP, Deputy Chief Regulatory Officer)
- Brent Coonrod (VP, Software Engineering)
- Arianne Criqui (SVP, Head of Options and Business Development)
- Eric Crampton (SVP, CTO)
- Gina DeRaimo (VP, Derivatives Institute)
- John Deters (EVP, Chief Strategy Officer & Head Multi-Asset Solutions)

Cboe BYX Exchange, Inc. Form 1 Registration Statement: Exhibit C

- Laura Dickman (VP, Associate General Counsel)
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- Angelo Evangelou (SVP, Chief Policy Officer)
- Todd Furney (VP, Chief Risk Officer)
- Jennifer Golding (VP, Associate General Counsel, Chief Litigation Officer)
- Jill Griebnow (SVP & Chief Accounting Officer)
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- Rob Hocking (SVP, Head of Derivatives Strategy)
- Gregory Hoogasian (SVP, CRO)
- Dave Howson (EVP and President, Cboe Europe)
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- Troy Yeazel (SVP, Operations)
- Vivian Yiu (VP, FX Chief Operating Officer)

Standing Committees

Executive Committee

- Ed Tilly
- Bruce Andrews
- Kevin Murphy

Cboe BYX Exchange, Inc. Form 1 Registration Statement: Exhibit C

- David Roscoe
- Jill Sommers
- Scott Wagner

Regulatory Oversight Committee

- Scott Wagner
- Bruce Andrews
- David Roscoe
- Jill Sommers

- 10.** *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

F. Cboe Exchange, Inc.

1. *Name:* Cboe Exchange, Inc.
Address: 400 South LaSalle Street, Chicago, Illinois 60605
2. *Form of organization:* Corporation.
3. *Name of state, statute under which organized and date of incorporation:*
Delaware, Delaware General Corporation Law (8 Del. C. § 101, et seq), February 8, 1972.
4. *Brief description of nature and extent of affiliation:* Wholly-owned subsidiary of Cboe Global Markets, Inc.
5. *Brief description of business or functions:* Cboe Exchange, Inc. is a registered national securities exchange.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* No changes.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors

- Ed Tilly
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- Jill Sommers

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- John Deters (EVP, Chief Strategy Officer & Head Multi-Asset Solutions)
- Laura Dickman (VP, Associate General Counsel)

Cboe BYX Exchange, Inc. Form 1 Registration Statement: Exhibit C

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- Rob Hocking (SVP, Head of Derivatives Strategy)
- Gregory Hoogasian (SVP, CRO)
- Dave Howson (EVP and President, Cboe Europe)
- Adam Inzirillo (SVP, Head of U.S. Equities)
- Chris Isaacson (EVP, COO)
- Brett Johnson (VP, Software Engineering)
- Carol Kennedy (SVP, Chief Communications Officer)
- Jennifer Lamie (VP, Chief Regulatory Advisor)
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- Aaron Weissenfluh (VP, CISO)
- Troy Yeazel (SVP, Operations)
- Vivian Yiu (VP, FX Chief Operating Officer)

Standing Committees

Executive Committee

- Ed Tilly
- Bruce Andrews
- Kevin Murphy
- David Roscoe

Cboe BYX Exchange, Inc. Form 1 Registration Statement: Exhibit C

- Jill Sommers
- Scott Wagner

Regulatory Oversight Committee

- Scott Wagner
- Bruce Andrews
- David Roscoe
- Jill Sommers

Indemnity Committee

- Ed Tilly

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

G. Cboe C2 Exchange, Inc.

1. *Name:* Cboe C2 Exchange, Inc.
Address: 400 South LaSalle Street, Chicago, Illinois 60605
2. *Form of organization:* Corporation.
3. *Name of state, statute under which organized and date of incorporation:*
Delaware, Delaware General Corporation Law (8 Del. C. § 101, et seq), July 21, 2009.
4. *Brief description of nature and extent of affiliation:* Wholly-owned subsidiary of Cboe Global Markets, Inc.
5. *Brief description of business or functions:* Cboe C2 Exchange, Inc. is a registered national securities exchange.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* No changes.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors

- Ed Tilly
- Bruce Andrews
- Kevin Murphy
- Jill Sommers

Current Officers

- Ed Tilly (President and Chief Executive Officer)
- Alexandra Albright (SVP, Chief Compliance Officer)
- Jen Browning (VP, Head of Human Resources)
- Kevin Carrai (VP, Market Data and Access Services)
- Cole Chmielewski (Vice President, Operations)
- Catherine Clay (SVP, Information Solutions)
- Gary Compton (VP, Communications)
- Jeff Connell (VP, Deputy Chief Regulatory Officer)
- Brent Coonrod (VP, Software Engineering)
- Arianne Criqui (SVP, Head of Options and Business Development)
- Eric Crampton (SVP, CTO)
- Gina DeRaimo (VP, Derivatives Institute)
- John Deters (EVP, Chief Strategy Officer & Head Multi-Asset Solutions)

Cboe BYX Exchange, Inc. Form 1 Registration Statement: Exhibit C

- Laura Dickman (VP, Associate General Counsel)
- James Enstrom (SVP, & Chief Audit Exec)
- Angelo Evangelou (SVP, Chief Policy Officer)
- Todd Furney (VP, Chief Risk Officer)
- Jennifer Golding (VP, Associate General Counsel, Chief Litigation Officer)
- Jill Griebnow (SVP & Chief Accounting Officer)
- Jackie Hancock (VP, Controller)
- John Hiatt (VP, Product Development)
- Bryan Harkins (EVP, Head of Markets Division)
- Rob Hocking (SVP, Head of Derivatives Strategy)
- Gregory Hoogasian (SVP, CRO)
- Dave Howson (EVP and President, Cboe Europe)
- Adam Inzirillo (SVP, Head of U.S. Equities)
- Chris Isaacson (EVP, COO)
- Brett Johnson (VP, Software Engineering)
- Carol Kennedy (SVP, Chief Communications Officer)
- Jennifer Lamie (VP, Chief Regulatory Advisor)
- Stephanie Marrin Lara (VP, Deputy Chief Reg Officer)
- Andrew Lowenthal (EVP, International Expansion)
- Marc Magrini (VP, Administration)
- Emily Mitchell (Vice President, Tax)
- Michael Mollet (VP, MAS Product Development)
- Anthony Montesano (VP, TSD and Registration)
- Laura Morrison (SVP, ETP Listings)
- Kyle Murray (VP and Associate General Counsel)
- Dan Overmyer (VP, Options Regulation)
- Arthur Reinstein (SVP & Deputy General Counsel)
- Brian Schell (EVP, CFO, & Treasurer)
- Curt Schumacher (VP, Infrastructure)
- J. Patrick Sexton (Executive Vice President, General Counsel & Corporate Secretary)
- Steven Sinclair (VP, Systems Development)
- Eileen Smith (VP, Data and Analytics)
- Aaron Weissenfluh (VP, CISO)
- Troy Yeazel (SVP, Operations)
- Vivian Yiu (VP, FX Chief Operating Officer)

Standing Committees

Executive Committee

- Ed Tilly
- Bruce Andrews
- Kevin Murphy

Cboe BYX Exchange, Inc. Form 1 Registration Statement: Exhibit C

- David Roscoe
- Jill Sommers
- Scott Wagner

Regulatory Oversight Committee

- Scott Wagner
- Bruce Andrews
- David Roscoe
- Jill Sommers

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year: Not applicable.*

H. Cboe Trading, Inc.

1. *Name:* Cboe Trading, Inc.
Address: 8050 Marshall Dr., Ste. 120, Lenexa, KS 66214
2. *Form of organization:* Corporation.
3. *Name of state, statute under which organized and date of incorporation:*
Incorporated in Delaware under Section 101 of the General Corporation Law of the State of Delaware on June 16, 2005.
4. *Brief description of nature and extent of affiliation:* Cboe Trading, Inc. is wholly-owned by Bats Global Markets Holdings, Inc., which is also the Exchange's 100% owner.
5. *Brief description of business or functions:* Cboe Trading, Inc. is a broker-dealer registered as such with the Securities and Exchange Commission and a member of the Financial Industry Regulatory Authority and other self-regulatory organizations. Cboe Trading, Inc. provides routing of orders from the Exchange Cboe BYX Exchange, Inc., Cboe EDGA Exchange, Inc. and Cboe EDGX Exchange, Inc. to other securities exchanges, facilities of securities exchanges, automated trading systems, electronic communication networks or other broker-dealers.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* No changes.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors

- Chris Isaacson
- Brian Schell

Current Officers

- Jackie Hancock (FINOP, Treasurer)
- Bryan Upp (Chief Compliance Officer)
- Troy Yeazel (President)
- J. Patrick Sexton (Secretary)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

I. Omicron Acquisition Corp.

1. *Name:* Omicron Acquisition Corp.
Address: 8050 Marshall Dr., Ste. 120, Lenexa, KS 66214
2. *Form of organization:* Corporation.
3. *Name of state, statute under which organized and date of incorporation:*
Incorporated in Delaware under Section 101 of the General Corporation Law of the State of Delaware on February 7, 2011.
4. *Brief description of nature and extent of affiliation:* Omicron Acquisition Corp. is wholly-owned by Bats Global Markets Holdings, Inc., which is an affiliate of the Exchange.
5. *Brief description of business or functions:* Omicron Acquisition Corp. is an intermediate holding company of Cboe Worldwide Holdings Limited.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* No changes.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors

- Ed Tilly
- Brian Schell

Current Officers

- Ed Tilly (President and Chief Executive Officer)
- Jill Griebenow (Vice President)
- Jackie Hancock (Vice President and Controller)
- Chris Isaacson (Vice President)
- Emily Mitchell (Vice President)
- Brian Schell (Treasurer)
- J. Patrick Sexton (Secretary)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

J. Cboe FX Holdings, LLC

1. *Name:* Cboe FX Holdings, LLC
Address: 8050 Marshall Dr., Ste. 120, Lenexa, KS 66214
2. *Form of organization:* Limited Liability Company.
3. *Name of state, statute under which organized and date of incorporation:* Formed in Delaware under Section 201 of the Limited Liability Company Act of the State of Delaware on May 15, 2000.
4. *Brief description of nature and extent of affiliation:* Cboe FX Holdings, LLC is wholly-owned by Bats Global Markets Holdings, Inc., which is an affiliate of the Exchange.
5. *Brief description of business or functions:* Cboe FX Holdings, LLC is an intermediate holding company of Cboe FX Markets, LLC, Cboe FX Services, LLC, and Cboe SEF, LLC.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* No changes.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors

- None

Current Officers

- Ed Tilly (President and Chief Executive Officer)
- Jill Griebenow (Vice President)
- Bryan Harkins (Vice President)
- Jackie Hancock (Vice President and Controller)
- Chris Isaacson (Vice President)
- Emily Mitchell (Vice President)
- Brian Schell (Treasurer)
- J. Patrick Sexton (Secretary)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

K. Cboe FX Markets, LLC

1. *Name:* Cboe FX Markets, LLC
Address: 8050 Marshall Dr., Ste. 120, Lenexa, KS 66214
2. *Form of organization:* Limited Liability Company.
3. *Name of state, statute under which organized and date of incorporation:* Formed in New Jersey under Section 42 of the Limited Liability Company Act of the State of New Jersey on August 7, 2001.
4. *Brief description of nature and extent of affiliation:* Cboe FX Markets, LLC is wholly-owned by Cboe FX Holdings, LLC, which is wholly-owned by Bats Global Markets Holdings, Inc., which is an affiliate of the Exchange.
5. *Brief description of business or functions:* Cboe FX Markets, LLC operates an institutional spot foreign exchange market.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* No changes.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors

- None

Current Officers

- Ed Tilly (President and Chief Executive Officer)
- Alexandra Albright (Chief Compliance Officer)
- Eric Crampton (SVP, CTO)
- John Deters (EVP, Chief Strategy Officer and Head of Multi-Asset Solutions)
- James Enstrom (SVP, Chief Audit Executive)
- Todd Furney (Chief Risk Officer)
- Jennifer Golding (VP, Associate General Counsel, Chief Litigation Officer)
- Jill Griebenow (SVP & Chief Accounting Officer)
- Jackie Hancock (VP, Controller)
- Bryan Harkins (EVP, Head of Markets Division)
- Greg Hoogasian (SVP, Chief Regulatory Officer)
- Chris Isaacson (EVP)
- Stephanie Marrin Lara (Deputy Chief Regulatory Officer)
- Andrew Lowenthal (EVP, International Expansion)
- Brian Schell (EVP, CFO and Treasurer)
- J. Patrick Sexton (EVP, General Counsel, and Secretary)

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- Lisa Shemie (VP, Associate General Counsel and Cboe FX Chief Legal Officer)
- Jonathan Weinberg (Vice President, Head of FX)
- Aaron Weissenfluh (VP, CISO)
- Vivian Yiu (VP, FX Chief Operating Officer)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

L. Cboe FX Services, LLC

1. *Name:* Cboe FX Services, LLC
Address: 8050 Marshall Dr., Ste. 120, Lenexa, KS 66214
2. *Form of organization:* Limited Liability Company.
3. *Name of state, statute under which organized and date of incorporation:* Formed in New Jersey under Section 42 of the Limited Liability Company Act of the State of New Jersey on November 22, 2004.
4. *Brief description of nature and extent of affiliation:* Cboe FX Services, LLC is wholly-owned by Cboe FX Holdings, LLC, which is wholly-owned by Bats Global Markets Holdings, Inc., which is an affiliate of the Exchange.
5. *Brief description of business or functions:* Cboe FX Services, LLC operates an institutional spot foreign exchange market.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* No changes.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors

- None

Current Officers

- Ed Tilly (President and Chief Executive Officer)
 - Jill Griebenow (Vice President)
 - Bryan Harkins (Vice President)
 - Jackie Hancock (Vice President and Controller)
 - Chris Isaacson (Vice President)
 - Andrew Lowenthal (Vice President)
 - Emily Mitchell (Vice President)
 - Brian Schell (Treasurer)
 - J. Patrick Sexton (Secretary)
10. Indication of whether such business or organization ceased to be associated with the applicant during previous year: Not applicable.

M. Cboe FX Europe Limited

1. *Name:* Cboe FX Europe Limited
Address: 11 Monument Street, London, EC3R 8AF, United Kingdom
2. *Form of organization:* Private Company Limited by Shares.
3. *Name of state, statute under which organized and date of incorporation:*
Incorporated in England and Wales under the Companies Act 1985 on February 5, 2015.
4. *Brief description of nature and extent of affiliation:* Cboe FX Europe Limited is wholly-owned by Cboe Worldwide Holdings Limited, which is an affiliate of the Exchange.
5. *Brief description of business or functions:* Cboe FX Europe Limited operates an institutional spot foreign exchange market.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* Not applicable.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors
 - Ed Tilly
 - Dave Howson
Current Officers
 - Antonio Amelia (Secretary)
10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

N. Cboe FX Asia Pte. Limited

1. *Name:* Cboe FX Asia Pte. Limited
Address: 16 Collyer Quay, #2104, Sixteen Collyer Quay, Singapore (049318)
2. *Form of organization:* Private Company Limited by Shares.
3. *Name of state, statute under which organized and date of incorporation:*
Incorporated in Singapore under the Companies Act (Cap. 50) on February 23, 2015.
4. *Brief description of nature and extent of affiliation:* Cboe FX Asia Pte. Limited is wholly-owned by Cboe Worldwide Holdings Limited which is an affiliate of the Exchange.
5. *Brief description of business or functions:* Cboe FX Asia Pte. Limited operates an institutional spot foreign exchange market.
6. *Copy of constitution:* No changes.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* Not applicable.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors
 - Ed Tilly
 - Ng Lip Chih (Singapore Nominee)
Current Officers
 - Ed Tilly (President)
 - Ang Yee Koon Daphne, Secretary (Allen & Gledhill)
 - Tan Zhe Lei, Secretary (Allen & Gledhill)
10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

O. Cboe Europe Limited

1. *Name:* Cboe Europe Limited
Address: 11 Monument Street, London, EC3R 8AF, United Kingdom
2. *Form of organization:* Private Company Limited by Shares.
3. *Name of state, statute under which organized and date of incorporation:*
Incorporated in England and Wales under the Companies Act 1985 on March 28, 2008.
4. *Brief description of nature and extent of affiliation:* Cboe Europe Limited is wholly-owned by Cboe Worldwide Holdings Limited, which is an affiliate of the Exchange.
5. *Brief description of business or functions:* Cboe Europe Limited is recognized as a Recognized Investment Exchange in the United Kingdom under the Financial Services and Markets Act 2000 (“FSMA”). It operates a platform for trading of European equity securities.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* Not applicable.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors

- Richard Balarkas
- Julian Corner
- Angelo Evangelou
- Rebecca Fuller
- Ted Hood
- Dave Howson
- Kristian West
- John Woodman

Current Officers

- Dave Howson (Chief Executive Officer)
- Antonio Amelia (Secretary)
- Jerry Avenell (Co-Head Sales)
- Alex Dalley (Co-Head Sales)
- Adam Eades (Chief Legal Officer)
- Tim Lipscomb (Chief Operations Officer)
- Stephanie Renner (CFO)

Standing Committees

Audit, Risk and Compliance Committee

- Richard Balarkas
- Rebecca Fuller
- Ted Hood

Remuneration Committee

- Rebecca Fuller
- Kristian West
- John Woodman

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year: Not applicable.*

P. Cboe Chi-X Europe Limited

1. *Name:* Cboe Chi-X Europe Limited
Address: 11 Monument Street, London, EC3R 8AF, United Kingdom
2. *Form of organization:* Private Company Limited by Shares.
3. *Name of state, statute under which organized and date of incorporation:*
Incorporated in England and Wales.
4. *Brief description of nature and extent of affiliation:* Cboe Chi-X Europe Limited is wholly-owned by Cboe Europe Limited which, in turn, is indirectly wholly owned by Bats Global Markets, Inc.
5. *Brief description of business or functions:* Cboe Chi-X Europe Limited is authorized in the United Kingdom under the Financial Services and Markets Act 2000 (“FSMA”), as an investment firm. Between April 30, 2012 and May 20, 2013 it was a dormant company. Since May 20, 2013, Cboe Chi-X Europe Limited operates the smart order router that is needed for the routing strategies deployed by Cboe Europe Limited. As of November 2018 this company remains dormant.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* Not applicable.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors

- Adam Eades
- Dave Howson
- John Woodman

Current Officers

- Dave Howson (Chief Executive Officer)
- Antonio Amelia (Secretary)
- Adam Eades (Chief Legal and Regulatory Officer)
- Stephanie Renner (Chief Financial Officer)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

Q. Cboe ETF.com, Inc.

1. *Name:* Cboe ETF.com, Inc.
Address: 8050 Marshall Dr., Ste. 120, Lenexa, KS 66214
2. *Form of organization:* Corporation.
3. *Name of state, statute under which organized and date of incorporation:*
Incorporated in Delaware under Section 101 of the General Corporation Law of the State of Delaware on March 28, 2016.
4. *Brief description of nature and extent of affiliation:* Cboe ETF.com, Inc. is wholly-owned by Bats Global Markets Holdings, Inc., which is also the Exchange's 100% owner.
5. *Brief description of business or functions:* Cboe ETF.com, Inc. is a media company providing ETF data, news and analysis.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* No changes.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors

- Ed Tilly
- Brian Schell

Current Officers

- Ed Tilly (President and Chief Executive Officer)
- Brent Coonrod (Vice President)
- Eric Crampton (Vice President)
- Jennifer Golding (Vice President)
- Jill Griebenow (Vice President)
- Jackie Hancock (Vice President and Controller)
- Bryan Harkins (Vice President)
- Chris Isaacson (Vice President)
- Emily Mitchell (Vice President)
- Laura Morrison (Vice President)
- Brian Schell (Treasurer)
- J. Patrick Sexton (Secretary)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

R. IndexPubs S.A.

1. *Name:* IndexPubs S.A.
Address: Almagro Plaza, Ste. 508, Pedro Ponce Carrasco, E8-06 y Diego de Almagro, 170516 – Quito, Ecuador
2. *Form of organization:* Corporation (Soceidad Anonima or S.A.).
3. *Name of state, statute under which organized and date of incorporation:*
Incorporated in Ecuador on January 15, 2008.
4. *Brief description of nature and extent of affiliation:* IndexPubs S.A. is owned 0.1% by Fernando Rivera and 99.9% by Cboe Worldwide Holdings Limited, which is an affiliate of the Exchange.
5. *Brief description of business or functions:* IndexPubs S.A. is a media company providing ETF data, news and analysis.
6. *Copy of constitution:* No changes.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* No changes.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors

Current Officers
 - Patricia Hidalgo (General Manager)
10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

S. Cboe SEF, LLC

1. *Name:* Cboe SEF, LLC
Address: 17 State Street, 31st Floor, New York, NY 10004
2. *Form of organization:* Limited Liability Company.
3. *Name of state, statute under which organized and date of incorporation:* Formed in Delaware under Section 201 of the Limited Liability Company Act of the State of Delaware on April 19, 2012.
4. *Brief description of nature and extent of affiliation:* Cboe SEF, LLC is wholly-owned by Cboe FX Holdings LLC, which is wholly-owned by Bats Global Markets Holdings, Inc., which is an affiliate of the Exchange.
5. *Brief description of business or functions:* Cboe SEF, LLC is a swap execution facility registered with the Commodity Futures Trading Association, which will soon list non-deliverable foreign exchange forwards for trading.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* No changes.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Officers

- Ed Tilly (President and Chief Executive Officer)
- Alexandra Albright (Senior Vice President and Chief Compliance Officer)
- Jennifer Browning (Vice President, Human Resources)
- Gary Compton (Vice President, Corporate Communications)
- Eric Crampton (SVP, CTO)
- John Deters (EVP, Chief Strategy Officer)
- James Enstrom (Senior Vice President & Chief Audit Executive)
- Angelo Evangelou (SVP, Market Policy & Government Affairs)
- Todd Furney (VP, and Chief Risk Officer)
- Jennifer Golding (VP, Associate General Counsel, Chief Litigation Officer)
- Jill Griebenow (SVP & Chief Accounting Officer)
- Jackie Hancock (Vice President & Controller)
- Bryan Harkins (Executive Vice President, Head of Markets Division)
- Gregory Hoogasian (Senior Vice President & Chief Regulatory Officer)
- Dave Howson (EVP & President, Cboe Europe)
- Chris Isaacson (Executive Vice President & COO)
- Carol Kennedy (SVP, Marketing & Communications)
- Andrew Lowenthal (Executive Vice President, International Expansion)

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- Stephanie Marrin Lara (Vice President and Deputy Chief Regulatory Officer)
- Emily Mitchell (Vice President, Tax)
- J. Patrick Sexton (Executive Vice President, General Counsel & Corporate Secretary)
- Brian Schell (Executive Vice President, Chief Financial Officer & Treasurer)
- Lisa Shemie (Vice President, Associate General Counsel & Cboe SEF Chief Legal Officer)
- Jon Weinberg (Vice President, Head of FX)
- Aaron Weissenfluh (Vice President & Chief Information Security Officer)

Managers

- Ed Tilly
- Michael Gorham
- James Parisi
- Jill Sommers

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

T. Cboe Worldwide Holdings Limited

1. *Name:* Cboe Worldwide Holdings Limited
Address: 11 Monument Street, London, EC3R 8AF, United Kingdom
2. *Form of organization:* Private Company Limited by Shares.
3. *Name of state, statute under which organized and date of incorporation:*
Incorporated in England and Wales under the Companies Act 2006 on November 9, 2016.
4. *Brief description of nature and extent of affiliation:* Cboe Worldwide Holdings Limited is wholly-owned by Omicron Acquisition Corp., which is an affiliate of the Exchange.
5. *Brief description of business or functions:* Cboe Worldwide Holdings Limited is an intermediate holding company of Cboe Europe Limited, Cboe Hong Kong Limited, Cboe UK Limited, Cboe FX Asia Pte. Limited, and IndexPubs S.A.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* Not applicable.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors
 - Ed Tilly
 - Dave Howson
Current Officers
 - Antonio Amelia (Secretary)
10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

U. **Cboe Global Markets, Inc.**

1. *Name:* Cboe Global Markets, Inc.
Address: 400 South LaSalle Street, Chicago, Illinois 60605
2. *Form of organization:* Corporation.
3. *Name of state, statute under which organized and date of incorporation:*
Delaware, Delaware General Corporation Law (8 Del. C. §101, et seq), August 15, 2006.
4. *Brief description of nature and extent of affiliation:* Cboe Bats, LLC is a wholly-owned subsidiary of Cboe Global Markets, Inc.
5. *Brief description of business or functions:* Holding company.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* No changes.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors

- Ed Tilly
- William Farrow
- Edward Fitzpatrick
- Janet Froetscher
- Jill Goodman
- Roderick Palmore
- James Parisi
- Joe Ratterman
- Michael Richter
- Jill Sommers
- Eugene Sunshine
- Fredric Tomczyk

Current Officers

- Ed Tilly (President and Chief Executive Officer)
- John Deters (EVP, Chief Strategy Officer and Head of Multi-Asset Solutions)
- Jill Griebenow (SVP & Chief Accounting Officer)
- Bryan Harkins (EVP, Head of Markets Division)
- Dave Howson (EVP, President Europe)
- Chris Isaacson (EVP and COO)
- Brian Schell (EVP, and CFO)

- J. Patrick Sexton (EVP, General Counsel and Corporate Secretary)

Compensation Committee

- Frank English
- Janet Froetscher
- Edward Fitzpatrick
- James Parisi

Audit Committee

- William Farrow
- Carole Stone
- Michael Richter
- James Parisi

Nominating and Governance Committee

- Frank English
- Jill Goodman
- Roderick Palmore
- Carole Stone
- Janet Froetscher

Finance and Strategy Committee

- Frank English
- Jill Goodman
- Joe Ratterman
- Roderick Palmore
- Jill Sommers

Risk Committee

- William Farrow
- Edward Fitzpatrick
- Janet Froetscher
- Michael Richter
- Carole Stone

Indemnity Committee

- Ed Tilly

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

V. **Cboe Futures Exchange, LLC**

1. *Name:* Cboe Futures Exchange, LLC
Address: 400 South LaSalle Street, Chicago, Illinois 60605
2. *Form of organization:* Limited Liability Company.
3. *Name of state, statute under which organized and date of incorporation:*
Delaware, Delaware Limited Liability Company Act (6 Del. C. §18-101, et seq),
July 16, 2002.
4. *Brief description of nature and extent of affiliation:* Wholly-owned subsidiary of
Cboe Global Markets, Inc.
5. *Brief description of business or functions:* Cboe Futures Exchanges, LLC is a
designated contract market (DCM) approved by the Commodity Futures Trading
Commission in August 2003. Cboe Futures Exchange, LLC is a fully electronic
futures exchange.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* No changes.
9. *Name and title of present officers, governors, members of standing committees
and persons performing similar functions:*

Current Directors

- Ed Tilly
- Gilbert Bassett, Jr.
- Michael Gorham
- James Parisi
- Jill Sommers

Current Officers

- Ed Tilly (President and Chief Executive Officer)
- Alexandra Albright (SVP and Chief Compliance Officer)
- Jennifer Browning (VP, Human Resources)
- Kevin Carrai (Vice President, Connectivity, Data & Member Services)
- Cole Chmielewski (Vice President, Operations)
- Catherine Clay (SVP, Business Development)
- Gary Compton (VP, Corporate Communications)
- Eric Crampton (SVP, CTO)
- Arianne Criqui (SVP, Head of Options and Global Client Services)
- John Deters (Executive Vice President, Chief Strategy Officer)
- James Enstrom (Senior Vice President & Chief Audit Executive)

- Todd Furney (Vice President and Chief Risk Officer)
- Jennifer Golding (VP, Associate General Counsel & Chief Litigation Officer)
- Jill Griebenow (Senior Vice President & Chief Accounting Officer)
- Jackie Hancock (Vice President and Controller)
- Bryan Harkins (Executive Vice President, Head of Markets Division)
- Rob Hocking (SVP, Head of Derivatives Strategy)
- Gregory Hoogasian (Senior Vice President & Chief Regulatory Officer)
- Dave Howson (EVP and President, Cboe Europe)
- Chris Isaacson (Executive Vice President, CFE Senior Managing Director, & COO)
- Carol Kennedy (SVP, Marketing and Communications)
- Jennifer Lamie (VP & Chief Regulatory Advisor)
- Stephanie Marrin Lara (VP & Deputy Chief Reg Officer)
- Andrew Lowenthal (Executive Vice President, International Expansion, and CFE Senior Managing Director)
- Matthew McFarland (VP, Head of Futures and CFE Managing Director)
- Michael Mollet (VP, MAS Product Development)
- Emily Mitchell (Vice President, Tax)
- Arthur Reinstein (Senior Vice President, Deputy General Counsel & CFE Chief Legal Officer)
- J. Patrick Sexton (Executive Vice President, General Counsel & Corporate Secretary)
- Brian Schell (Executive Vice President, Chief Financial Officer & Treasurer)
- Aaron Weissenfluh (Vice President & Chief Information Security Officer)
- Troy Yeazel (Senior Vice President, U.S. Operations and CFE Managing Director)

Standing Committees

Executive

- Ed Tilly
- Michael Gorham

Regulatory Oversight Committee

- Michael Gorham
- Gilbert Bassett
- Jill Sommers

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

W. Cboe Building Corporation

1. *Name:* Cboe Building Corporation
Address: 400 South LaSalle Street, Chicago, Illinois 60605
2. *Form of organization:* Corporation.
3. *Name of state, statute under which organized and date of incorporation:*
Delaware, Delaware General Corporation Law (8 Del. C. § 101, et seq), August 8, 1980.
4. *Brief description of nature and extent of affiliation:* Wholly-owned subsidiary of Cboe Global Markets, Inc.
5. *Brief description of business or functions:* Owns facility used by Cboe Global Markets, Inc.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* No changes.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors

- Ed Tilly
- Brian Schell

Current Officers

- Ed Tilly (President and Chief Executive Officer)
- Jill Griebenow (Vice President)
- Jackie Hancock (Vice President and Controller)
- Chris Isaacson (Vice President)
- Marc Magrini (Vice President)
- Emily Mitchell (Vice President)
- Brian Schell (Treasurer)
- J. Patrick Sexton (Secretary)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

X. Cboe, LLC

1. *Name:* Cboe, LLC
Address: 400 South LaSalle Street, Chicago, Illinois 60605
2. *Form of organization:* Limited Liability Company.
3. *Name of state, statute under which organized and date of incorporation:*
Delaware, Delaware Limited Liability Company Act (6 Del. C. §18-101, et seq),
August 22, 2001.
4. *Brief description of nature and extent of affiliation:* Wholly-owned subsidiary of
Cboe Global Markets, Inc.
5. *Brief description of business or functions:* Cboe, LLC is a limited liability
company member of OneChicago, LLC.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* No changes.
9. *Name and title of present officers, governors, members of standing committees
and persons performing similar functions:*

Current Directors

- Ed Tilly
- Brian Schell

Current Officers

- Ed Tilly (President and Chief Executive Officer)
- Catherine Clay (Vice President)
- Jill Griebenow (Vice President)
- Jackie Hancock (Vice President and Controller)
- Chris Isaacson (Vice President)
- Emily Mitchell (Vice President)
- Brian Schell (Treasurer)
- J. Patrick Sexton (Secretary)

10. *Indication of whether such business or organization ceased to be associated with
the applicant during previous year:* Not applicable.

Y. **Cboe III, LLC**

1. *Name:* Cboe III, LLC
Address: 400 South LaSalle Street, Chicago, Illinois 60605
2. *Form of organization:* Limited Liability Company.
3. *Name of state, statute under which organized and date of incorporation:*
Delaware, Delaware Limited Liability Company Act (6 Del. C. §18-101, et seq),
May 2, 2014.
4. *Brief description of nature and extent of affiliation:* Wholly-owned subsidiary of
Cboe Global Markets, Inc.
5. *Brief description of business or functions:* Holding company for investment in
Tradelegs, LLC.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* No changes.
9. *Name and title of present officers, governors, members of standing committees
and persons performing similar functions:*

Current Directors

- Ed Tilly
- John Deters
- Brian Schell

Current Officers

- Ed Tilly (President and Chief Executive Officer)
 - John Deters (Vice President)
 - Jill Griebnow (Vice President)
 - Jackie Hancock (Vice President and Controller)
 - Chris Isaacson (Vice President)
 - Emily Mitchell (Vice President)
 - Brian Schell (Treasurer)
 - J. Patrick Sexton (Secretary)
10. *Indication of whether such business or organization ceased to be associated with
the applicant during previous year:* Not applicable.

Z. Cboe Bats, LLC

1. *Name:* Cboe Bats, LLC
Address: 400 South LaSalle Street, Chicago, Illinois 60605
2. *Form of organization:* Limited Liability Company.
3. *Name of state, statute under which organized and date of incorporation:*
Delaware, Delaware Limited Liability Company Act (6 Del. C. §18-101, et seq),
September 25, 2016.
4. *Brief description of nature and extent of affiliation:* Wholly-owned subsidiary of
Cboe Global Markets, Inc.
5. *Brief description of business or functions:* Holding company.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* No changes.
9. *Name and title of present officers, governors, members of standing committees
and persons performing similar functions:*

Current Directors

- Ed Tilly
- Brian Schell
- Chris Isaacson

Current Officers

- Ed Tilly (President and Chief Executive Officer)
- Alexandra Albright (SVP, Chief Compliance Officer)
- Jen Browning (VP, Head of Human Resources)
- Kevin Carrai (VP, Market Data and Access Services)
- Cole Chmielewski (VP, Operations)
- Catherine Clay (SVP, Information Solutions)
- Gary Compton (VP, Corporate Communications)
- Jeff Connell (VP, Deputy Chief Regulatory Officer)
- Brent Coonrod (Vice President, Software Engineering)
- Eric Crampton (SVP, CTO)
- Arianne Criqui (SVP, Head of Options and Business Development)
- Gina DeRaimo (VP, Cboe Derivatives Institute)
- John Deters (EVP, Chief Strategy Officer and Head of Multi-Asset Solutions)
- Laura Dickman (VP, Associate General Counsel)
- James Enstrom (SVP, Chief Audit Executive) Bats
- Angelo Evangelou (SVP, Market Policy and Government Affairs)

Cboe BYX Exchange, Inc. Form 1 Registration Statement: Exhibit C

- Carmen Frazier Brannan (VP, Government Relations)
- Todd Furney (VP, Chief Risk Officer)
- Jennifer Golding (VP, Associate General Counsel, Chief Litigation Officer)
- Jill Griebenow (SVP & Chief Accounting Officer)
- Jackie Hancock (VP, Controller)
- Gerald Hanweck (Vice President, Technology)
- Bryan Harkins (EVP, Head of Markets Division)
- John Hiatt (VP, Product Development)
- Rob Hocking (SVP, Head of Derivatives Strategy)
- Gregory Hoogasian (SVP, Chief Regulatory Officer)
- David Howson (EVP and President, Europe)
- Chris Isaacson (EVP, Chief Operating Officer)
- Adam Inzirillo (SVP, Head of U.S. Equities)
- Michael Izhaky (Vice President, Head of Capital Effectiveness)
- Brett Johnson (VP, Software Engineering)
- Carol Kennedy (VP, Chief Communications Officer)
- Deborah Koopman (VP, Investor Relations)
- Jennifer Lamie (VP, Chief Regulatory Advisor)
- Andrew Lowenthal (EVP, International Expansion)
- Marc Magrini (VP, Administration)
- Stephanie Marrin Lara (VP, Deputy Chief Regulatory Officer)
- Matt McFarland (Vice President, Derivatives - Head of Futures)
- Emily Mitchell (Vice President, Tax)
- Michael Mollet (VP, MAS Product Development)
- Anthony Montesano (VP, TSD and Membership Services)
- Laura Morrison (SVP, ETP Listings)
- Kyle Murray (VP and Associate General Counsel)
- Dan Overmyer (VP, Options Regulations)
- Lindsey Praechter (Vice President, Marketing)
- Arthur Reinstein (SVP, Deputy General Counsel)
- Brian Schell (EVP, Chief Financial Officer and Treasurer)
- Curt Schumacher (VP, Infrastructure)
- J. Patrick Sexton (EVP, General Counsel and Corporate Secretary)
- Lisa Shemie (VP, Associate General Counsel, Cboe FX and Cboe SEF Chief Legal Officer)
- Steven Sinclair (VP, Systems Development)
- Eileen Smith (VP, Data and Analytics)
- Jonathan Weinberg (Vice President, Head of FX)
- Aaron Weissenfluh (VP, CISO)
- Troy Yeazel (SVP, Operations)
- Vivian Yiu (VP, FX Chief Operating Officer)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

AA. Cboe Livevol, LLC

1. *Name:* Cboe Livevol, LLC
Address: 400 South LaSalle Street, Chicago, Illinois 60605
2. *Form of organization:* Limited Liability Company.
3. *Name of state, statute under which organized and date of incorporation:*
Delaware, Delaware Limited Liability Company Act (6 Del. C. §18-101, et seq),
May 29, 2015.
4. *Brief description of nature and extent of affiliation:* Wholly-owned subsidiary of
Cboe Global Markets, Inc.
5. *Brief description of business or functions:* Cboe Livevol, LLC provides equity
and index options technology for professional and retail traders, which includes
options strategy backtesting, trade analysis and volatility modeling technologies
and historical data.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* No changes.
9. *Name and title of present officers, governors, members of standing committees
and persons performing similar functions:*

Current Directors

- Andrew Lowenthal
- John Deters
- Catherine Clay

Current Officers

- Ed Tilly (President and Chief Executive Officer)
- Alexandra Albright (Chief Compliance Officer)
- Brent Coonrod (Vice President)
- Catherine Clay (Vice President)
- Eric Crampton (Vice President)
- John Deters (Vice President)
- James Enstrom (Vice President, Chief Audit Executive)
- Todd Furney (Chief Risk Officer)
- Jennifer Golding (Vice President)
- Jill Griebnow (Vice President)
- Jackie Hancock (Vice President and Controller)
- Chris Isaacson (Vice President)
- Andrew Lowenthal (Vice President)

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- Emily Mitchell (Vice President)
- Brian Schell (Treasurer)
- J. Patrick Sexton (Secretary)
- Aaron Weissenfluh (Vice President, CISO)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

BB. Cboe UK Limited

1. *Name:* Cboe UK Limited
Address: 11 Monument Street, London, EC3R 8AF, United Kingdom
2. *Form of organization:* Private Limited Company.
3. *Name of state, statute under which organized and date of incorporation:* England and Wales, Companies Act 2006, March 10, 2016.
4. *Brief description of nature and extent of affiliation:* Wholly-owned subsidiary of Cboe Global Markets, Inc.
5. *Brief description of business or functions:* Marketing and business development services.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* No changes.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors
 - Ed Tilly
 - Dave Howson
Current Officers
 - None
10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

CC. Cboe Vest, LLC

1. *Name:* Cboe Vest, LLC
Address: 400 South LaSalle Street, Chicago, Illinois 60605
2. *Form of organization:* Limited Liability Company.
3. *Name of state, statute under which organized and date of incorporation:*
Delaware, Delaware Limited Liability Company Act (6 Del. C. §18-101, et seq),
December 10, 2015.
4. *Brief description of nature and extent of affiliation:* Wholly-owned subsidiary of
Cboe Global Markets, Inc.
5. *Brief description of business or functions:* Holding company of majority equity
investment in Eris Inc.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* No changes.
9. *Name and title of present officers, governors, members of standing committees
and persons performing similar functions:*

Current Directors

- Ed Tilly
- John Deters
- Brian Schell

Current Officers

- Ed Tilly (President and Chief Executive Officer)
 - Catherine Clay (Vice President)
 - John Deters (Vice President)
 - Jill Griebenow (Vice President)
 - Jackie Hancock (Vice President and Controller)
 - Chris Isaacson (Vice President)
 - Emily Mitchell (Vice President)
 - Brian Schell (Treasurer)
 - J. Patrick Sexton (Secretary)
10. *Indication of whether such business or organization ceased to be associated with
the applicant during previous year:* Not applicable.

DD. Loan Markets, LLC

1. *Name:* Loan Markets, LLC
Address: 400 S. LaSalle Street, Chicago, Illinois 60605
2. *Form of organization:* Limited Liability Company.
3. *Name of state, statute under which organized and date of incorporation:*
Delaware, Delaware Limited Liability Company Act (6 Del. C. §18-101, et seq),
May 11, 2015.
4. *Brief description of nature and extent of affiliation:* Wholly-owned subsidiary of
Cboe Global Markets, Inc.
5. *Brief description of business or functions:* Holding company for investment in
American Financial Exchange, LLC.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* No changes.
9. *Name and title of present officers, governors, members of standing committees
and persons performing similar functions:*

Current Directors

- Ed Tilly
- John Deters
- Brian Schell

Current Officers

- Ed Tilly (President and Chief Executive Officer)
 - John Deters (Vice President)
 - Jill Griebenow (Vice President)
 - Jackie Hancock (Vice President and Controller)
 - Chris Isaacson (Vice President)
 - Andrew Lowenthal (Vice President)
 - Emily Mitchell (Vice President)
 - Brian Schell (Treasurer)
 - J. Patrick Sexton (Secretary)
10. *Indication of whether such business or organization ceased to be associated with
the applicant during previous year:* Not applicable.

EE. Cboe Data Services, LLC

1. *Name:* Cboe Data Services, LLC
Address: 400 South LaSalle Street Chicago, Illinois 60605
2. *Form of organization:* Limited Liability Company.
3. *Name of state, statute under which organized and date of incorporation:*
Delaware, Delaware Limited Liability Company Act (6 Del. C. §18-101, et seq),
February 21, 2006.
4. *Brief description of nature and extent of affiliation:* Wholly-owned subsidiary of
Cboe Global Markets, Inc.
5. *Brief description of business or functions:* Cboe Data Services, LLC sells market
data.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* No changes.
9. *Name and title of present officers, governors, members of standing committees
and persons performing similar functions:*

Current Directors

- Ed Tilly
- Bryan Harkins
- Brian Schell

Current Officers

- Ed Tilly (President and Chief Executive Officer)
- Alexandra Albright (Chief Compliance Officer)
- Kevin Carrai (Vice President)
- Catherine Clay (Vice President)
- Eric Crampton (Vice President)
- James Enstrom (Chief Audit Executive)
- Todd Furney (Chief Risk Officer)
- Jennifer Golding (Vice President)
- Jill Griebenow (Vice President)
- Jackie Hancock (Vice President and Controller)
- Bryan Harkins (Vice President)
- Chris Isaacson (Vice President)
- Andrew Lowenthal (Vice President)
- Emily Mitchell (Vice President)
- Jim Roche (Vice President)

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- Brian Schell (Treasurer)
- J. Patrick Sexton (Secretary)
- Aaron Weissenfluh (Chief Information Security Officer)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

FF. Signal Trading Systems, LLC

1. *Name:* Signal Trading Systems, LLC
Address: 400 South LaSalle Street, Chicago, Illinois 60605
2. *Form of organization:* Limited Liability Company.
3. *Name of state, statute under which organized and date of incorporation:*
Delaware, Delaware Limited Liability Company Act (6 Del. C. §18-101, et seq),
May 13, 2010.
4. *Brief description of nature and extent of affiliation:* Fifty percent (50%)
subsidiary of Cboe Exchange, Inc.
5. *Brief description of business or functions:* Signal Trading Systems, LLC
developed and markets a multi-asset front-end order entry system known as
“Pulse”.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* No changes.
9. *Name and title of present officers, governors, members of standing committees
and persons performing similar functions:* There are no directors or officers of
Signal Trading Systems, LLC.
10. *Indication of whether such business or organization ceased to be associated with
the applicant during previous year:* Not applicable.

GG. Cboe Vest Group, Inc.

1. *Name:* Cboe Vest Group, Inc.
Address: 8300 Greensboro Drive, 8th Floor, McLean, VA 22102
2. *Form of organization:* Corporation.
3. *Name of state, statute under which organized and date of incorporation:*
Delaware, Delaware General Corporation Law (8 Del. C. §101, et seq), January 2, 2015.
4. *Brief description of nature and extent of affiliation:* Majority-owned subsidiary of Cboe Vest, LLC.
5. *Brief description of business or functions:* Through its subsidiaries, provides options-based investment advisory services.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* No changes.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors

- John Deters
- Karan Sood
- Catherine Clay

Current Officers

- Karan Sood (Chief Executive Officer)
- Jeffrey Chang (Chief Financial Officer)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable

HH. Cboe Hong Kong Limited

1. *Name: Cboe Hong Kong Limited*
Address: 66th Floor, The Center, 99 Queen's Road, Central, Hong Kong
2. *Form of organization: Private Company Limited by Shares.*
3. *Name of state, statute under which organized and date of incorporation: Hong Kong under the Companies Ordinance (Chapter 622 of the Laws of Hong Kong), May 29, 2017.*
4. *Brief description of nature and extent of affiliation: Cboe Hong Kong Limited is wholly-owned by Cboe Worldwide Holdings Limited, which is an affiliate of the Exchange.*
5. *Brief description of business or functions: Marketing and business development services (business expected to commence in September 2017).*
6. *Copy of constitution: Not applicable.*
7. *Copy of articles of incorporation or association and amendments: No changes.*
8. *Copy of existing by-laws: Not applicable.*
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors
 - Andy Lowenthal
Current Officers
 - None
10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year: Not applicable.*

II. Cboe Silexx, LLC

1. *Name:* Cboe Silexx, LLC
Address: 400 South LaSalle Street, Chicago, IL 60605
2. *Form of organization:* Limited Liability Company
3. *Name of state, statute under which organized and date of incorporation:*
Delaware, Delaware Limited Liability Company Act (6 Del. C. §18-101, et seq),
October 16, 2017.
4. *Brief description of nature and extent of affiliation:* Wholly-owned subsidiary of
Cboe Global Markets, Inc.
5. *Brief description of business or functions:* Cboe Silexx, LLC operates the Silexx
order execution management system business.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* Not applicable.
9. *Name and title of present officers, governors, members of standing committees
and persons performing similar functions:*

Current Directors

- Ed Tilly
- John Deters
- Brian Schell

Current Officers

- Ed Tilly (President and Chief Executive Officer)
- Alexandra Albright (Chief Compliance Officer)
- Catherine Clay (Vice President)
- Brent Coonrod (Vice President)
- Eric Crampton (Vice President)
- John Deters (Vice President)
- James Enstrom (Chief Audit Executive)
- Todd Furney (Chief Risk Officer)
- Jennifer Golding (Vice President)
- Jill Griebenow (Vice President)
- Jackie Hancock (Vice President and Controller)
- Chris Isaacson (Vice President)
- Emily Mitchell (Vice President)
- Brian Schell (Treasurer)

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- J. Patrick Sexton (Secretary)
- Aaron Weissenfluh (Chief Information Security Officer)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

JJ. Digital Asset Benchmark Administration, LLC

1. *Name:* Digital Asset Benchmark Administration, LLC
Address: 400 South LaSalle Street, Chicago, IL 60605
2. *Form of organization:* Limited Liability Company
3. *Name of state, statute under which organized and date of incorporation:*
Delaware, Delaware Limited Liability Company Act (6 Del. C. §18-101, et seq),
October 17, 2017.
4. *Brief description of nature and extent of affiliation:* Wholly-owned subsidiary of
Cboe Global Markets, Inc.
5. *Brief description of business or functions:* Digital Asset Benchmark
Administration, LLC licenses Gemini-related data.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* Not applicable.
9. *Name and title of present officers, governors, members of standing committees
and persons performing similar functions:*

Current Directors

- Ed Tilly
- John Deters

Current Officers

- Ed Tilly (President and Chief Executive Officer)
- Alexandra Albright (Chief Compliance Officer)
- Catherine Clay (Vice President)
- Eric Crampton (Vice President)
- John Deters (Vice President)
- James Enstrom (Vice President and Chief Audit Executive)
- Todd Furney (Chief Risk Officer)
- Jennifer Golding (Vice President)
- Jill Griebenow (Vice President)
- Jackie Hancock (Vice President and Controller)
- Chris Isaacson (Vice President)
- Emily Mitchell (Vice President)
- Brian Schell (Treasurer)
- J. Patrick Sexton (Secretary)
- Aaron Weissenfluh (CISO)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

KK. CBOE Europe B.V.

1. *Name:* CBOE Europe B.V.
Address: 1212 Gustav Mahlerlaan, 108La Amsterdam (Netherlands)
2. *Form of organization:* Private Company Limited by Shares
3. *Name of state, statute under which organized and date of incorporation:*
Incorporated in the United Kingdom on August 1, 2018.
4. *Brief description of nature and extent of affiliation:* Wholly-owned subsidiary of Cboe Europe Limited. Cboe Europe Limited is wholly-owned by Cboe Worldwide Holdings Limited, which is an affiliate of the Exchange.
5. *Brief description of business or functions:* The business is very broad, encompassing the operation of a regulated market and an approved publication arrangement, and all other businesses that may be ancillary or useful for the above operations
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* Not applicable.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors
 - Mark Hemsley
 - Adam Eades
 - Ruben Hilhorst
 - Shyam Savania
Current Officers
 - Adam Eades (President)
 - Ruben Hilhorst (Head of Compliance)
 - Shyam Savania (Operations Manager)
10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

LL. Cboe Off-Exchange Services, LLC

1. *Name:* Cboe Off-Exchange Services, LLC
Address: 1209 Orange Street, Wilmington, County of New Castle, DE 19801
2. *Form of organization:* Limited Liability Company
3. *Name of state, statute under which organized and date of incorporation:*
Delaware, Delaware Limited Liability Company Act (6 Del. C. §18-101, et seq),
January 31, 2019.
4. *Brief description of nature and extent of affiliation:* Wholly-owned subsidiary of
Cboe Global Markets, Inc.
5. *Brief description of business or functions:* The Company is organized for the
purpose of engaging in any lawful activity for which limited liability companies
may be organized under the Act.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* Not applicable.
9. *Name and title of present officers, governors, members of standing committees
and persons performing similar functions:*

Current Directors

- None

Current Officers

- Ed Tilly (President and Chief Executive Officer)
- John Deters (Vice President)
- Jill Griebenow (Vice President)
- Jackie Hancock (Vice President and Controller)
- Bryan Harkins (Vive President)
- Chis Isaacson (Vice President)
- Andrew Lowenthal (Vice President)
- Brian Schell (Treasurer)
- J. Patrick Sexton (Secretary)

10. *Indication of whether such business or organization ceased to be associated with
the applicant during previous year:* Not applicable.

MM. Cboe Global Indices, LLC

1. *Name:* Cboe Global Indices, LLC
Address: 400 South LaSalle Street, Chicago, IL 60605
2. *Form of organization:* Limited Liability Company
3. *Name of state, statute under which organized and date of incorporation:* Illinois, Illinois Limited Liability Company Act, September 11, 2019.
4. *Brief description of nature and extent of affiliation:* Wholly-owned subsidiary of Cboe Global Markets, Inc.
5. *Brief description of business or functions:* The Company is organized for the purpose of engaging in any lawful activity for which limited liability companies may be organized under the Act.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* Not applicable.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors

- Ed Tilly
- Brian Schell
- Catherine Clay

Current Officers

- Ed Tilly (President and Chief Executive Officer)
- Alexandra Albright (Vice President and Chief Compliance Officer)
- Catherine Clay (Vice President)
- Eric Crampton (Vice President)
- James Enstrom (Vice President and Chief Audit Executive)
- Todd Furney (Vice President and Chief Risk Officer)
- Jennifer Golding (Vice President and Chief Litigation Officer)
- Jill Griebenow (Vice President)
- Jackie Hancock (Vice President and Controller)
- Rob Hocking (Vice President)
- Chris Isaacson (Vice President)
- Emily Mitchell (Vice President)
- Brian Schell (Treasurer)
- J. Patrick Sexton (Secretary)
- Aaron Weissenfluh (Vice President and CISO)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year: Not applicable.*

NN. Cboe Europe Indices Limited

1. *Name:* Cboe Europe Indices Limited
Address: 5th Floor, The Monument Building
11 Monument Street, London EC3R 8AF, United Kingdom
2. *Form of organization:* Private Limited Liability Company
3. *Name of state, statute under which organized and date of incorporation:*
Incorporated in England and Wales under the Companies Act 1985 on July 17, 2019.
4. *Brief description of nature and extent of affiliation:* Wholly-owned subsidiary of Cboe Worldwide Holdings Limited.
5. *Brief description of business or functions:* Cboe Europe Indices Limited has applied with the FCA to operate as a Benchmark administrator in the UK and Europe. Once approved, the company intends to transfer the existing European benchmark administrator business from Cboe Europe Limited (which is current an authorized benchmark administrator) to Cboe Europe Indices Limited. It also intends to apply to the FCA to endorse Cboe global indices in accordance with the EU benchmark regulation.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* Not applicable.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors
 - Dave Howson
 - Stephanie Renner
Current Officers
 - Antonio Amelia (Secretary)
10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

OO. Cboe Switzerland GmbH

1. *Name:* Cboe Switzerland GmbH
Address: c/o Format A AG
Pfingstweidstrasse 102b 8005 Zurich
2. *Form of organization:* Limited Liability Company
3. *Name of state, statute under which organized and date of incorporation:*
Incorporated in Switzerland under Article 777c and Article 633, November 18, 2019.
4. *Brief description of nature and extent of affiliation:* Wholly-owned subsidiary of Cboe Worldwide Holdings Limited.
5. *Brief description of business or functions:* Operate an electronic trading platform for financial contracts and instruments as well as to provide services in this business are to Group affiliate.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* Not applicable.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors

Managers

- Bryan Harkins
- Lisa Shemie
- Roman Sturzenegger
- Jonathan Weinberg

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

PP. Hanweck Associates, LLC

1. *Name:* Hanweck Associates, LLC
Address: 77 Battery Place #916
New York, NY 10280
2. *Form of organization:* Limited Liability Company
3. *Name of state, statute under which organized and date of incorporation:*
Incorporated under provisions of the New York State Limited Liability Company Law on November 25, 2003.
4. *Brief description of nature and extent of affiliation:* Wholly-owned subsidiary acquired by Cboe Global Markets, Inc. on February 3, 2020.
5. *Brief description of business or functions:* The Company is organized for the purpose of engaging in any lawful activity for which limited liability companies may be organized under the Act.
6. *Copy of constitution:* No changes.
7. *Copy of articles of incorporation or association and amendments:* Not applicable.
8. *Copy of existing by-laws:* Not applicable.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Managers

- Ed Tilly
- Chris Isaacson
- Brian Schell

Current Officers

- Ed Tilly (President and CEO)
- Alexandra Albright (Vice President and Chief Compliance Officer)
- Catherin Clay (Vice President)
- Eric Crampton (Vice President)
- John Deters (Vice President)
- Jim Enstrom (Vice President and Chief Audit Executive)
- Todd Furney (Vice President and Chief Risk Officer)
- Jennifer Golding (Vice President and Chief Litigation Officer)
- Jill Griebenow (Vice President)
- Jackie Hancock (Vice President and Controller)
- Gerald Hanweck (Vice President)
- Rob Hocking (Vice President)

Cboe BYX Exchange, Inc. Form 1 Registration Statement: Exhibit C

- Chris Isaacson (Chief Operating Officer)
- Emily Mitchell (Vice President)
- Brian Schell (Treasurer)
- J. Patrick Sexton (Secretary)
- Aaron Weissenfluh (Vice President and Chief Information Security Officer)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

QQ. Hanweck Associates Pte. Ltd.

1. *Name:* Hanweck Associates Pte. Ltd.
Address: 8 Wilkie Road #30-01 Wilkie Edge
Singapore 228095
2. *Form of organization:* Private Company Limited by Shares
3. *Name of state, statute under which organized and date of incorporation:*
Incorporated under the Companies Act (Cap. 50) in Singapore on May 30, 2019.
4. *Brief description of nature and extent of affiliation:* Hanweck Associates Pte. Ltd. is a subsidiary of Hanweck Associates, LLC, which is wholly-owned subsidiary of Cboe Global Markets, Inc.
5. *Brief description of business or functions:* The Company is organized for the purpose of engaging in any lawful activity for which private companies may be organized under the act.
6. *Copy of constitution:* No changes.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* Not applicable.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors
 - Ng Lip Chih
 - Ed Tilly
Current Officers
 - Ang Yee Koon Daphne
 - Tan Zhe Lei
10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

RR. Hanweck Associates Limited

1. *Name:* Hanweck Associates Limited
Address: 42-46 Fountain Street
Belfast, Northern Ireland, United Kingdom BT1 5EF
2. *Form of organization:* Private Company Limited by Shares
3. *Name of state, statute under which organized and date of incorporation:*
Incorporated under the Companies Act of 2006 on May 20, 2015.
4. *Brief description of nature and extent of affiliation:* Hanweck Associates Limited is a subsidiary of Hanweck Associates, LLC, which is wholly-owned subsidiary of Cboe Global Markets, Inc.
5. *Brief description of business or functions:* The Company is organized for the purpose of engaging in any lawful activity for which private companies may be organized under the act.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes
8. *Copy of existing by-laws:* Not applicable.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors
 - Ed Tilly
 - Dave Howson
Current Officer
 - Antonio Amelia (Secretary)
10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

SS. Cboe Europe Indices B.V.

1. *Name:* Cboe Europe Indices B.V.
Address: Gustav Mahlerlaan 1212, 1081LA Amsterdam
2. *Form of organization:* Besloten Vennootschap (comparable with Private Limited Liability Company)
3. *Name of state, statute under which organized and date of incorporation:*
Incorporated per Amsterdam statutes on December, 16 2019.
4. *Brief description of nature and extent of affiliation:* Cboe Europe Indices B.V. is a subsidiary of Cboe Worldwide Holdings Limited.
5. *Brief description of business or functions:* The Company's primary function is to provide services as a benchmark administrator.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* Not applicable.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors
 - Ruben Hilhorst
 - Dave Howson
Current Officer
10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

TT. Cboe Canada Holdings, ULC

1. *Name:* Cboe Canada Holdings, ULC
Address: Suite 2600, Three Bentall Centre
595 Burrard Street, Vancouver BC V7X 1L3 Canada
2. *Form of organization:* Unlimited Liability Corporation
3. *Name of state, statute under which organized and date of incorporation:*
Incorporated under the Business Corporation Act on April 22, 2020.
4. *Brief description of nature and extent of affiliation:* Hanweck Associates Limited is a subsidiary of Omicron Acquisition Corp., which is wholly-owned subsidiary of Bats Global Markets Holdings.
5. *Brief description of business or functions:* Cboe Canada Holdings, ULC is an intermediate holding company.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* No changes.
8. *Copy of existing by-laws:* Not applicable.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:*

Current Directors

- Ed Tilly
- Brian Schell

Current Officer

- Ed Tilly (President and CEO)
- John Deters (Vice President)
- Jill Griebenow (Vice President)
- Jackie Hancock (Vice President and Controller)
- Bryan Harkins (Vice President)
- Chris Isaacson (Vice President)
- Brian Schell (Treasurer)
- Patrick J. Sexton (Secretary)

10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* Not applicable.

UU. **Cboe International Holdings Limited**

1. *Name:* Cboe International Holdings Limited
Address: 11 Monument Street, London, EC3R 8AF, United Kingdom
2. *Form of organization:* Private Company Limited by Shares.
3. *Name of state, statute under which organized and date of incorporation:*
Incorporated in England and Wales under the Companies Act 1985 on February 5, 2015.
4. *Brief description of nature and extent of affiliation:* Cboe International Holdings Limited is wholly-owned by Cboe Worldwide Holdings Limited, which is an affiliate of the Exchange.
5. *Brief description of business or functions:* Cboe International Holdings Limited is a holding company of Cboe FX Europe Limited,,
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* Not applicable.
8. *Copy of existing by-laws:* Not applicable.
9. *Name and title of present officers, governors, members of standing committees and persons performing similar functions:* None
10. *Indication of whether such business or organization ceased to be associated with the applicant during previous year:* As of September 24, 2019 Cboe International Holdings Limited ceased to exist

VV. CBOE Stock Exchange, LLC

1. *Name:* CBOE Stock Exchange, LLC
Address: 400 South LaSalle Street, Chicago, Illinois 60605
2. *Form of organization:* Limited Liability Company.
3. *Name of state, statute under which organized and date of incorporation:*
Delaware, Delaware Limited Liability Company Act (6 Del. C. §18-101, et seq),
July 31, 2006.
4. *Brief description of nature and extent of affiliation:* CBOE Stock Exchange, LLC
is a 49.96%-owned subsidiary of Cboe Exchange, Inc.
5. *Brief description of business or functions:* CBOE Stock Exchange, LLC operated
the CBOE Stock Exchange, which acted as a trading market for securities other
than options as a facility of Cboe Exchange, Inc. CBOE Stock Exchange, LLC
was approved by the SEC in March 2007. CBOE Stock Exchange, LLC ceased
trading operations on April 30, 2014.
6. *Copy of constitution:* Not applicable.
7. *Copy of articles of incorporation or association and amendments:* Not
applicable.
8. *Copy of existing by-laws:* Not applicable
9. *Name and title of present officers, governors, members of standing committees
and persons performing similar functions:* None
10. *Indication of whether such business or organization ceased to be associated with
the applicant during previous year:* As of September 30, 2019 CBOE Stock
Exchange, LLC ceased to exist.

Exhibit H

Exhibit Request:

A complete set of documents comprising the applicant's listing applications, including any agreements required to be executed in connection with listing and a schedule of listing fees. If the applicant does not list securities, provide a brief description of the criteria used to determine what securities may be traded on the exchange. Provide a table of contents listing the forms included in this Exhibit H.

Response:

Cboe BYX Exchange, Inc. does not intend to offer original listing on the Exchange upon commencement of operations, but rather, intends on trading only securities that have been admitted pursuant to unlisted trading privileges. For a description of the listing standards for Cboe BYX Exchange, Inc. please refer to Chapter XIV of the Exchange's Proposed Rules. *See* Exhibit B, *supra*. These listing standards are substantially similar to the listing standards used by Cboe BZX Exchange, Inc., as well as the ISE Stock Exchange, LLC, the equities trading facility of the International Securities Exchange.

Exhibit J

Exhibit Request:

A list of the officers, governors, members of all standing committees, or persons performing similar functions, who presently hold or have held their offices or positions during the previous year, indicating the following for each:

1. Name.
2. Title.
3. Dates of commencement and termination of term of office or position.
4. Type of business in which each is primarily engaged (e.g., floor broker, specialist, odd lot dealer, etc.)

Response:

1. Officers

Pursuant to the Certificate of Incorporation and Bylaws of the Exchange, the Exchange's Board of Directors has appointed the individuals listed below as Officers of the Exchange. These individuals will serve in these positions until their successors have been duly chosen or qualified or until the officer's earlier death, resignation or removal.

Officers				
Name:	Title:	Appointment Date:		Termination/ Change Position Date:
Alexandra Albright	Senior Vice President, Chief Compliance Officer	02/28/17		02/11/19 – Change in title
Jen Browning	Vice President, Head of Human Resources	07/29/19		
Kevin Carrai	Vice President, Market Data and Access Services	02/10/15		02/11/19 – Change in title
Cole Chmielewski	Vice President, Operations	02/22/20		
Catherine Clay	Senior Vice President, Information Solutions	02/13/18		02/11/19 – Change in title
Gary Compton	Vice President, Communications	07/30/18		02/11/19 – Change in title

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Jeff Connell	Vice President, Deputy Chief Regulatory Officer		11/02/15		03/01/18 - Change in title
Brent Coonrod	Vice President, Software Engineering		01/07/19		
Eric Crampton	Senior Vice President, CTO		05/12/15		01/14/19 – Change in title
Arianne Criqui	Senior Vice President, Head of Options and Business Development		01/07/19		
Gina DeRaimo	Vice President, Derivatives Institute		01/07/20		
John Deters	Executive Vice President, Chief Strategy Officer & Head of Multi-Asset Solutions		02/28/17		02/11/19 – Change in title
Laura Dickman	Vice President, Associate General Counsel		02/13/18		03/01/18 - Change in title
James Enstrom	Senior Vice President, Chief Audit Executive		02/28/17		02/11/19 – Change in title
Angelo Evangelou	SVP, Chief Policy Officer		02/11/20		
Todd Furney	Vice President, Chief Risk Officer		02/28/17		
Jennifer Golding	Vice President, Associate General Counsel, Chief Litigation Officer		07/30/18		
Jill Griebenow	Senior Vice President & Chief Accounting Officer		08/15/18		
Jackie Hancock	Vice President, Controller		11/01/18		
Bryan Harkins	Executive Vice President, Head of Markets Division		02/10/15		10/30/19 – Change in title

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John Hiatt	Vice President, Product Development	02/11/19	
Rob Hocking	Senior Vice President, Head of Derivatives Strategy	12/17/18	
Gregory Hoogasian	Senior Vice President, Chief Regulatory Officer	02/28/17	
Dave Howson	EVP and President, Cboe Europe	02/11/20	
Adam Inzirillo	SVP, Head of U.S. Equities	10/28/19	
Chris Isaacson	Executive Vice President, COO	02/10/15	01/14/19 – Change in title
Brett Johnson	Vice President, Software Engineering	01/07/19	
Carol Kennedy	SVP, Chief Communications Officer	02/11/20	
Jennifer Lamie	Vice President, Chief Regulatory Advisor	02/13/18	03/01/18 - Change in title
Stephanie Marrin Lara	Vice President, Deputy Chief Regulatory Officer	02/13/18	03/01/18 - Change in title
Andrew Lowenthal	Executive Vice President, International Expansion	02/28/17	10/30/19 – Change in title
Marc Magrini	Vice President, Administration	02/13/18	
Emily Mitchell	Vice President, Tax	02/11/20	
Michael Mollet	VP, MAS Product Development	10/28/19	
Anthony Montesano	Vice President, TSD and Registration	02/13/18	03/01/18 - Change in title
Laura Morrison	Senior Vice President, ETP Listings	05/12/15	03/01/18 - Change in title
Kyle Murray	VP and Associate General Counsel	10/28/19	

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Dan Overmyer	Vice President, Options Regulation		12/17/18	
Arthur Reinstein	Senior Vice President and Deputy General Counsel		02/28/17	03/01/18 - Change in title
Brian N. Schell	Executive Vice President, Chief Financial Officer, Treasurer		02/10/15	
Curt Schumacher	Vice President, Infrastructure		02/13/18	02/11/19 – Change in title
John Sexton	Executive Vice President, General Counsel & Corporate Secretary		02/28/17	03/01/18 - Change in title
Steven Sinclair	Vice President, Systems Development		02/13/18	
Eileen Smith	Vice President, Data and Analytics		02/13/18	02/11/19 – Change in title
Ed Tilly	President and CEO		02/28/17	01/14/19 – Change in title
Aaron Weissenfluh	Vice President, Chief Information Security Officer		02/10/15	
Troy Yeazel	Senior Vice President, Operations		11/02/15	
Vivian Yiu	Vice President, FX Chief Operating Officer		11/01/16	06/12/20 - Change in title
Former Officers				
Name:	Title:		Appointment Date:	Termination/ Change Position Date:
Chris Concannon	President & COO		02/10/15	01/14/19
David Gray	Senior Vice President, Global Client Services		02/28/17	01/14/19
Rodney Burt	Vice President, Infrastructure		02/10/15	04/01/19

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William Looney	Vice President, Advancement & Strategy, Index Options	07/30/18	04/22/19
William Speth	Senior Vice President, Research	02/13/18	06/03/19
Anders Franzon	Senior Vice President and Deputy General Counsel	11/02/15	06/07/19
Paul Ciciora	Vice President, Systems Infrastructure	02/13/18	06/14/19
Bryan Christian	Senior Vice President, Sales US Equities	02/10/15	07/01/19
Alicia Goldberg	Vice President, Statistical Analysis	02/28/17	11/01/19
Mark Novak	Vice President, Software Engineer	02/13/18	11/01/19
Bradley Samuels	Vice President, Systems Development	02/13/18	11/01/19
Michael Trees	Vice President, Trading System Development	02/13/18	01/03/2020
Mark Hemsley	Senior Vice President	01/07/20	02/28/20
Lawrence Bresnahan	Vice President, Market & Member Regulation	02/13/18	06/26/20

2. Directors

The following directors were appointed in accordance with Article III of the Bylaws of the Exchange. Directors will serve one-year terms ending on the annual meeting following the meeting at which such directors were elected or at such time as their successors are elected or appointed and qualified, except in the event of earlier death, resignation, disqualification or removal. The current directors of the Exchange are the persons listed below:

Directors			
Name	Classification(s)	Appointment Date:	Termination Date:
Ed Tilly	Chairman & Director	02/28/17	
Bruce Andrews	Director	02/13/18	

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Kevin Murphy		Director		02/13/18	
Jill Sommers		Director		10/26/15	
Former Directors					
Name:		Title:		Appointment Date:	Termination/Change Position Date:
David Roscoe		Director		10/13/10	02/11/20
Scott Wagner		Director		10/27/16	02/11/20

3. Committees

The committees of the Board shall consist of an Executive Committee and a Regulatory Oversight Committee.

Executive Committee

- Ed Tilly (Chairman)
- Bruce Andrews
- Kevin Murphy
- David Roscoe
- Jill Sommers
- Scott Wagner

Regulatory Oversight Committee

- Scott Wagner (Chairman)
- Bruce Andrews
- David Roscoe
- Jill Sommers

Exhibit K

Exhibit Request:

This Exhibit is applicable only to exchanges that have one or more owners, shareholders, or partners that are not also members of the exchange. If the exchange is a corporation, please provide a list of each shareholder that directly owns 5% or more of a class of a voting security of the applicant. If the exchange is a partnership, please provide a list of all general partners and those limited and special partners that have the right to receive upon dissolution, or have contributed, 5% or more of the partnership's capital. For each of the persons listed in the Exhibit K, please provide the following:

- 1. Full legal name;**
- 2. Title or Status;**
- 3. Date title or status was acquired;**
- 4. Approximate ownership interest; and**
- 5. Whether the person has control, a term that is defined in the instructions to this Form.**

Response:

Cboe BYX Exchange, Inc. is wholly-owned by Bats Global Markets Holdings, Inc. Bats Global Market Holdings, Inc. is the sole stockholder of the Exchange, and acquired its interest in the Exchange on December 18, 2009. Bats Global Markets Holdings, Inc. exercises "control" over the Exchange, as the term is defined in the Form 1 instructions.

Bats Global Markets Holdings, Inc. is wholly-owned by Cboe Bats, LLC (f/k/a CBOE V, LLC). Cboe Bats, LLC is the sole stockholder of Bats Global Markets Holdings, Inc. and acquired its interest in Bats Global Markets Holdings, Inc. on January 31, 2014. Cboe Bats, LLC exercises "control" over the Exchange, as the term is defined in the Form 1 instructions.

Cboe Bats, LLC is wholly-owned by Cboe Global Markets, Inc. Cboe Global Markets, Inc. is the sole member of Cboe Bats, LLC, and acquired its interest in Cboe Bats, LLC on September 23, 2016. Cboe Global Markets, Inc. exercises "control" over the Exchange, as that term is defined in the Form 1 instructions.

Exhibit M

Exhibit Request:

Provide an alphabetical list of all members, participants, subscribers or other users, including the following information:

1. Name,
2. Date of election to membership or acceptance as a participant, subscriber or other user,
3. Principal business address and telephone number,
4. If member, participant, subscriber or other user is an individual, the name of the entity with which such individual is associated and the relationship of such individual to the entity (e.g., partner, officer, director, employee, etc.),
5. Describe the type of activities primarily engaged in by the member, participant, subscriber, or other user (e.g., floor broker, specialist, odd lot dealer, other market maker, proprietary trader, non-broker dealer, inactive or other functions). A person shall be “primarily engaged” in an activity or function for purposes of this item when that activity or function is the one in which that person is engaged for the majority of their time. When more than one type of person at an entity engages in any of the six types of activities or functions enumerated in this item, identify each type (e.g., proprietary trader, Registered Competitive Trader and Registered Competitive Market Maker) and state the number of members, participants, subscribers, or other users in each, and
6. The class of membership, participation or subscription or other access.

Response:

Attached please find a list of the current Members and Sponsored Participants accepted as Users of the Exchange.

Company Name	BZX Approval Date	BYX Approval Date	EDGA Approval Date	EDGX Approval Date	CBOE Effective Date	C2 Effective Date	Type of User	Address	Phone Number	Primary Activities
ABN AMRO Clearing Chicago LLC	10/15/2008	10/1/2010	5/25/2010	5/27/2010	5/13/1985	9/24/2010	Member TPH	175 W Jackson Boulevard Suite 400 Chicago, IL 60604	312-604-8000	Clearing, Transact Business with the Public, Brokerage
ACS Execution Services, LLC	1/15/2016	1/15/2016	1/15/2016	1/15/2016	NA	NA	Member TPH	12 Broad Street 2nd Floor Red Bank, NJ 07701	732-204-8999	Proprietary Trading
Agency Desk, LLC	7/1/2009	NA	NA	NA	NA	NA	Member TPH	590 Madison Avenue 21st Floor New York, NY 10022	212-935-9835	Market Maker
Akuna Securities LLC	9/15/2015	NA	NA	8/14/2017	2/2/2012	2/12/2015	Member TPH	333 S Wabash Avenue Suite 2600 Chicago, IL 60604	312-994-4640	Market Maker, Proprietary Trading
All Rise Trading LLC	NA	NA	NA	NA	8/14/2018	NA	Member TPH	141 W. Jackson Bolvd., Suite 300A, Chicago, IL 60604	312-483-2147	Floor Broker
Alpha Direct LLC	8/20/2015	8/20/2015	8/20/2015	8/20/2015	NA	NA	Sponsored Participant	533 2nd Street Encinitas, CA 92024	858-947-8650	Proprietary Trading
Alpha Trading, LP	10/24/2017	10/24/2017	10/24/2017	10/24/2017	NA	NA	Member TPH	640 W California Avenue Sunnyvale, CA 94086	408-990-1940	Market Maker, Proprietary Trading
Alpha Trading, LP	2/22/2019	2/22/2019	2/22/2019	2/22/2019	NA	NA	Sponsored Participant	640 W California Avenue Sunnyvale, CA 94086	408-990-1940	Market Maker, Proprietary Trading
Alpine Securities Corporation	11/3/2008	11/15/2010	NA	NA	NA	NA	Member TPH	39 Exchange Place Salt Lake City, UT 84111	801-355-5588	Agency
AMS Derivatives B.V.	8/14/2019	9/10/2019	9/10/2019	8/14/2019	12/1/2017	6/5/2019	Member TPH	Strawinskylaan 3095 Amsterdam, 1077ZX Netherlands	31-020-708-7000	Proprietary Trading
Apex Clearing Corporation	6/5/2012	6/5/2012	6/5/2012	6/5/2012	6/6/2012	6/6/2012	Member TPH	One Dallas Center 350 N St. Paul, Suite 1300 Dallas, TX 75201	214-765-1055	Clearing, Transact Business with the Public
Archipelago Securities LLC	8/18/2008	9/1/2010	5/25/2010	5/27/2010	NA	NA	Member TPH	353 N Clark Street Suite 3200 Chicago, IL 60654	312-836-6700	Limited Routing Facility of ICE affiliated Exchanges
Athena Capital Research, LLC	7/1/2009	10/20/2010	NA	NA	NA	NA	Sponsored Participant	440 9th Avenue 11th Floor New York, NY 10001	212-931-9056	Proprietary Trading
ATM Execution LLC dba Cowen Electronic	3/15/2012	3/15/2012	3/21/2012	3/21/2012	NA	NA	Member TPH	599 Lexington Avenue 21st Floor New York, NY 10022	646-562-1010	Public Customer Business
Axos Financial LLC	10/15/2009	NA	NA	NA	NA	NA	Member TPH	1200 Landmark Center 1299 Farnam Street Suite 800 Omaha, NE 68102	402-384-6100	Clearing Services
Barclays Capital Inc.	8/18/2008	10/1/2010	5/14/2010	5/14/2010	9/22/2008	10/6/2010	Member TPH	745 7th Avenue New York, NY 10019	212-526-7000	Clearing, Market Maker, Transact Business with the Public, Brokerage, Proprietary Trading
Bay Crest Partners, LLC	10/15/2008	NA	5/25/2010	5/27/2010	NA	NA	Member TPH	40 Wall Street 42nd Floor New York, NY 10005	212-480-1400	Agency
Belvedere Trading LLC	11/1/2011	3/1/2012	11/29/2011	10/16/2018	1/3/2005	4/4/2011	Member TPH	10 S Riverside Plaza Suite 2100 Chicago, IL 60606	312-893-3750	Market Maker, Proprietary Trading
BGC Financial, LP	8/17/2009	NA	NA	NA	NA	NA	Member TPH	One Seaport Plaza 19th Floor New York, NY 10038	646-346-7000	Agency
Bluefin Capital Management, LLC	8/3/2009	6/1/2015	9/27/2013	8/13/2013	4/27/2009	NA	Member TPH	3 Park Avenue 37th Floor New York, NY 10016	212-457-9150	Market Maker, Proprietary Trading
BMO Capital Markets Corp.	8/18/2008	11/15/2010	7/15/2014	7/15/2014	10/8/2013	11/15/2013	Member TPH	3 Times Square New York, NY 10036	212-885-4000	Clearing, Proprietary Trading, Transact Business with the Public, Brokerage
BNP Paribas Securities Corp.	8/18/2008	9/15/2010	5/25/2010	5/27/2010	1/5/2005	10/15/2010	Member TPH	787 7th Avenue New York, NY 10019	212-841-2000	Clearing, Order Flow Provider, Proprietary Trading, Transact Business with the Public
BNY Mellon Capital Markets, LLC	NA	NA	NA	1/17/2017	NA	NA	Member TPH	101 Barclay Street New York, NY 10286	212-815-4972	Market Maker
Boerboel Capital LLC	11/17/2017	8/27/2019	8/27/2019	8/27/2019	2/1/2017	NA	Member TPH	300 N LaSalle Street Suite 2060 Chicago, IL 60654	708-967-6843	Market Maker
Boerboel Capital LLC	1/30/2019	1/30/2019	1/30/2019	1/30/2019	NA	NA	Sponsored Participant	300 N LaSalle Street Suite 2060 Chicago, IL 60654	708-967-6843	Market Maker
Boerboel Trading LP	10/15/2018	10/15/2018	10/15/2018	10/15/2018	NA	NA	Sponsored Participant	Maples Corporate Services PO Box 309, Ugland House Cayman Islands KY1-1104	#####	Proprietary Trading
BofA Securities, Inc.	9/19/2018	9/19/2018	9/19/2018	9/19/2018	5/13/2019	5/13/2019	Member TPH	One Bryant Park New York, NY 10036	201-671-5685	Clearing Services, Firm Proprietary Trading, Public Customer Business
BTIG, LLC	8/18/2008	11/15/2010	5/25/2010	5/27/2010	NA	NA	Member TPH	600 Montgomery Street 6th Floor San Francisco, CA 94111	415-248-2200	Market Maker
C&C Trading LLC	8/18/2008	10/11/2010	5/25/2010	5/27/2010	NA	NA	Member TPH	71 Arch Street 1st Floor Greenwich, CT 06830	212-706-1227	Proprietary Trading
Canaccord Genuity LLC	10/1/2013	10/1/2013	6/10/2010	6/10/2010	NA	NA	Member TPH	535 Madison Avenue New York, NY 10022	212-389-8000	Market Maker
Canadian Imperial Holdings, Inc.	10/15/2008	11/15/2010	NA	NA	NA	NA	Sponsored Participant	300 Madison Avenue 5th Floor New York, NY 10017	212-856-3877	Proprietary Trading
Cantor Fitzgerald & Co.	10/23/2008	2/13/2015	5/25/2010	5/27/2010	NA	NA	Member TPH	110 E 59th Street 4th Floor New York, NY 10022	212-938-5000	Agency, Institutional Trading
Capital Institutional Services, Inc.	8/18/2008	NA	5/25/2010	5/27/2010	NA	NA	Member TPH	1700 Pacific Avenue Suite 1100 Dallas, TX 75201	214-720-0055	Agency
Cardinal Capital Management, LLC	1/24/2019	NA	NA	NA	10/1/2007	NA	Member TPH	141 W Jackson Boulevard Suite 2200A Chicago, IL 60604	312-477-8400	Market Maker/Proprietary
Cboe Trading, Inc.	10/23/2008	9/1/2010	5/14/2010	5/14/2010	7/26/2019	4/18/2018	Member TPH	8050 Marshall Drive Suite 120 Lenexa, KS 66214	913-815-7000	Limited Routing Facility of Cboe affiliated Exchanges
CF Global Trading, LLC	10/23/2008	1/3/2011	NA	NA	NA	NA	Member TPH	60 E 42nd Street Suite 1455 New York, NY 10165	212-888-4711	Market Maker
Charles Schwab & Co., Inc.	NA	NA	NA	4/3/2017	NA	NA	Member TPH	211 Main Street San Francisco, CA 94105	415-636-7000	Clearing, Transact Business with the Public
Chimera Securities, LLC	11/17/2017	11/27/2017	11/27/2017	11/17/2017	NA	NA	Sponsored Participant	27 Union Square West 4th Floor New York, NY 10003	646-597-6145	Proprietary Trading
CIBC World Markets Corp.	8/18/2008	11/15/2010	NA	NA	2/14/1973	NA	Member TPH	425 Lexington Avenue New York, NY 10017	212-856-4000	Clearing, Transact Business with the Public
Citadel Securities LLC	10/23/2008	10/1/2010	5/14/2010	5/14/2010	4/17/2002	10/7/2010	Member TPH	131 S Dearborn Street 32nd Floor Chicago, IL 60603	312-395-2100	Market Maker, Order Flow Provider, Brokerage
Citigroup Derivatives Markets Inc.	2/15/2018	NA	NA	2/15/2018	12/3/2004	2/25/2011	Member TPH	130 Cheshire Lane Suite 102 Minnetonka, MN 55305	212-723-2960	Market Maker

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Citigroup Global Markets Inc.	9/24/2008	12/15/2010	5/25/2010	5/27/2010	5/2/2011	6/3/2019	Member TPH	390-388 Greenwich Street New York, NY 10013	212-816-6000	Clearing, Proprietary Trading, Transact Business with the Public
Clarksons Platou Securities, Inc.	NA	NA	1/15/2015	NA	NA	NA	Member TPH	280 Park Avenue 21st Floor New York, NY 10017	212-317-7080	Public Customer Business
Clear Street Markets, LLC	7/16/2012	7/16/2012	8/20/2012	8/20/2012	6/6/2012	3/22/2019	Member TPH	55 Broadway Suite 2102 New York, NY 10006	646-738-4066	Market Maker, Proprietary Trading
Clear Street, LLC	3/18/2019	8/14/2019	8/14/2019	8/14/2019	NA	NA	Member TPH	55 Broadway Suite 2102 New York, NY 10006	646-738-4068	Public Customer Business, Clearing, Proprietary Trading
Clearpool Execution Services, LLC	5/15/2014	5/15/2014	6/16/2014	6/16/2014	NA	NA	Member TPH	17 State Street 38h Floor New York, NY 10004	212-531-8500	Public Customer Business
CMT Fund XXV Limited	7/2/2012	7/2/2012	NA	NA	NA	NA	Sponsored Participant	500 W Monroe Street Suite 2630 Chicago, IL 60661	312-320-7897	Agency
CMT Trading LLC	3/17/2014	3/17/2014	3/5/2014	3/5/2014	NA	NA	Member TPH	500 W Monroe Street Suite 2630 Chicago, IL 60661	312-930-9050	Market Maker, Proprietary Trading
CODA Markets, Inc.	10/15/2008	10/4/2010	5/26/2010	5/27/2010	NA	NA	Member TPH	2624 Patriot Boulevard Glenview, IL 60026	224-521-2700	ATS
Cognitive Capital, LLC	NA	NA	NA	NA	5/13/2004	NA	Member TPH	141 W Jackson Boulevard Suite 1620 Chicago, IL 60604	312-431-0400	Proprietary Trading
Comhar Capital Markets, LLC	2/27/2017	12/13/2019	12/13/2019	NA	NA	NA	Member TPH	311 S Wacker Drive Suite 2280A Chicago, IL 60606	872-205-0190	Proprietary Trading
Consolidated Trading, LLC	NA	NA	NA	NA	1/2/2002	NA	Member TPH	71 S Wacker Drive Suite 2300 Chicago, IL 60606	312-360-7300	Market Maker
Cowen and Company, LLC	8/18/2008	10/7/2010	5/14/2010	5/14/2010	NA	NA	Member TPH	599 Lexington Avenue 20th Floor New York, NY 10022	646-562-1010	Market Maker
Cowen Execution Services LLC	10/15/2008	9/1/2010	5/25/2010	5/27/2010	NA	NA	Member TPH	1633 Broadway 48th Floor New York, NY 10019	800-367-8998	Full Service
Cowen Prime Services LLC	3/15/2011	3/15/2011	NA	NA	NA	NA	Member TPH	599 Lexington Avenue 21st Floor New York, NY 10022	646-562-1010	Public Customer Business, Proprietary Trading
Credit Suisse Securities (USA) LLC	9/3/2008	10/1/2010	5/25/2010	5/27/2010	8/14/1981	10/8/2010	Member TPH	11 Madison Avenue New York, NY 10010	212-325-2000	Clearing, Proprietary Trading, Transact Business with the Public, Brokerage
Critical Trading, LLC	7/1/2014	6/8/2018	NA	6/8/2018	NA	NA	Member TPH	120 W 45th Street 15th Floor New York, NY 10036	646-918-0529	Market Maker, Proprietary Trading
CSS, LLC	NA	NA	NA	NA	8/21/1998	NA	Member TPH	175 W Jackson Boulevard Suite 440 Chicago, IL 60604	312-542-8505	Proprietary Trading
CTC, LLC	3/15/2018	NA	NA	NA	3/25/1998	3/3/2011	Member TPH	440 S LaSalle Street 4th Floor Chicago, IL 60605	312-863-8000	Market Maker
Cutler Group, LP	4/1/2010	10/6/2010	NA	10/16/2015	4/5/1999	12/4/2019	Member TPH	101 Montgomery Street Suite 700 San Francisco, CA 94104	415-293-3956	Market Maker, Proprietary Trading
Dash Financial Technologies LLC	10/23/2008	7/2/2012	6/9/2010	6/9/2010	5/19/2000	9/30/2010	Member TPH	311 S Wacker Drive Suite 1000 Chicago, IL 60606	312-986-2006	Clearing, Floor Broker, Order Flow Provider, Transact Business with the Public, Brokerage
Deutsche Bank Securities Inc.	10/15/2008	10/11/2010	5/21/2010	5/21/2010	4/25/1996	8/15/2011	Member TPH	60 Wall Street New York, NY 10005	212-250-2500	Clearing, Proprietary Trading, Transact Business with the Public, Brokerage
DRW Execution Services, LLC	11/19/2019	11/19/2019	11/19/2019	11/19/2019	NA	NA	Member TPH	540 W Madison Street Suite 2500 Chicago, IL 60661	312-542-1090	Proprietary Trading
DRW Securities, LLC	9/1/2009	11/1/2010	5/25/2010	5/27/2010	11/23/1998	1/22/2016	Member TPH	540 W Madison Street Suite 2500 Chicago, IL 60661	312-542-1000	Market Maker, Proprietary Trading
DRW Singapore Ltd.	11/19/2018	NA	NA	11/19/2018	NA	NA	Sponsored Participant	8 Marina View Asia Square Tower 1 #32-05 Singapore 018960	312-542-1005	Proprietary Trading
Dynamic Technology Lab Pte. Ltd.	11/5/2018	11/5/2018	11/5/2018	11/5/2018	NA	NA	Sponsored Participant	07-00, 178 Clemenceau Avenue Singapore 239926	656-610-4693	Proprietary Trading
E D & F Man Capital Markets Inc.	NA	NA	NA	NA	3/1/2019	6/7/2019	Member TPH	140 E. 45th Street 10th Floor New York, NY 10017	212-618-2800	Clearing, Public Customer Business
E*TRADE Securities LLC	NA	NA	NA	6/10/2010	NA	NA	Member TPH	11 Times Square 32nd Floor New York, NY 10036	646-521-4300	Public Customer Business
Electronic Transaction Clearing, Inc.	10/23/2008	9/1/2010	5/25/2010	5/27/2010	NA	NA	Member TPH	660 S Figueroa Street Los Angeles, CA 90017	949-533-1885	Market Maker
Evercore Group LLC	NA	NA	5/10/2017	NA	NA	NA	Member TPH	55 E 52nd Street New York, NY 10055	212-857-3100	Public Customer Business
FIS Brokerage & Securities Services LLC	8/18/2008	10/1/2010	5/6/2010	5/6/2010	NA	NA	Member TPH	2100 Enterprise Avenue Geneva, IL 60134	630-482-7100	Agency
Flow Traders U.S. Institutional Trading LLC	NA	NA	6/1/2016	NA	NA	NA	Member TPH	1114 Avenue of the Americas 4th Floor New York, NY 10036	917-210-5000	Riskless Principal
Flow Traders U.S. LLC	10/1/2009	8/1/2012	2/28/2014	2/28/2014	NA	NA	Member TPH	1114 Avenue of the Americas 4th Floor New York, NY 10036	917-210-5000	Proprietary Trading
G1 Execution Services, LLC	8/18/2008	12/1/2010	4/17/2010	4/17/2010	NA	NA	Member TPH	175 W Jackson Boulevard Suite 1700 Chicago, IL 60604	312-362-0404	Market Maker
Gair Loch Enterprises Ltd.	2/22/2019	2/22/2019	4/8/2019	4/8/2019	NA	NA	Sponsored Participant	540 W. Madison Suite 2500 Chicago, IL 60661	312-542-1193	Proprietary Trading
Gair Loch Enterprises Ltd.	12/2/2019	12/2/2019	12/2/2019	12/2/2019	NA	NA	Sponsored Participant	540 W. Madison Suite 2500 Chicago, IL 60661	312-542-1193	Proprietary Trading
Geneva Stock, LLC	NA	NA	NA	NA	4/6/2001	NA	Member TPH	440 S LaSalle Street Suite 1711 Chicago, IL 60605	312-362-4404	Market Maker
Global Execution Brokers, LP	2/1/2010	10/5/2010	12/1/2015	10/15/2015	12/23/2003	9/24/2010	Member TPH	401 City Avenue Bala Cynwyd, PA 19004	610-617-2600	Floor Broker, Transact Business with the Public, Brokerage
Goldman Sachs & Co. LLC	10/23/2008	10/12/2010	5/14/2010	5/14/2010	2/21/1973	10/8/2010	Member TPH	200 West Street New York, NY 10282	212-902-1000	Clearing, Market Maker, Proprietary Trading, Transact Business with the Public, Brokerage
Gordon, Haskett Capital Corporation	NA	NA	NA	5/2/2016	NA	NA	Member TPH	441 Lexington Avenue 10th Floor New York, NY 10017	212-883-0600	Agency, Institutional Trading
Group One Trading, LP	6/2/2015	NA	NA	9/29/2015	11/23/1994	NA	Member TPH	440 S LaSalle Street Suite 3232 Chicago, IL 60605	312-347-8864	Market Maker
GTS Securities LLC	12/17/2013	5/1/2012	6/2/2014	6/2/2014	11/29/2019	2/25/2020	Member TPH	545 Madison Avenue 15th Floor New York, NY 10022	212-715-2830	Market Maker, Proprietary Trading

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Hainey Investments Limited	6/16/2014	NA	NA	NA	NA	NA	Sponsored Participant	Themistoki Dervi 41 #806-807 Nicosia, Cyprus	704-248-8221	Proprietary Trading
HAP Trading LLC	10/1/2009	11/15/2010	NA	6/2/2010	3/16/2001	NA	Member TPH	395 Hudson Street Suite 701 New York, NY 10014	212-380-5100	Market Maker, Proprietary Trading
HAP Trading LLC	1/8/2020	1/8/2020	1/8/2020	1/8/2020	NA	NA	Sponsored Participant	395 Hudson Street Suite 701 New York, NY 10014	212-380-5100	Proprietary Trading
Hardcastle Trading USA LLC	NA	NA	NA	NA	5/16/2005	NA	Member TPH	755 Secaucus Road Suite F-1110 Secaucus, NJ 07094	201-305-8888	Proprietary Trading
Headlands Technologies LLC	10/15/2018	10/15/2018	10/15/2018	10/15/2018	NA	NA	Sponsored Participant	155 N. Wacker Drive, Suite 1900 Chicago, IL 60606	312-601-8649	Proprietary Trading
Hehmeyer, LLC	10/3/2016	10/3/2016	10/3/2016	10/3/2016	NA	NA	Sponsored Participant	601 S LaSalle Street 2nd Floor Chicago, IL 60605	312-327-4112	Proprietary Trading
Henning-Carey Proprietary Trading, LLC	8/15/2012	NA	NA	NA	NA	NA	Sponsored Participant	141 W Jackson Boulevard Suite 1801 Chicago, IL 60604	312-789-8764	Proprietary Trading
Highbridge Capital Management, LLC	10/23/2008	NA	NA	NA	NA	NA	Sponsored Participant	9 West 57th Street 27th Floor New York, NY 10019	212-287-4900	Proprietary Trading
Hilltop Securities Inc.	10/23/2008	9/1/2010	NA	5/21/2013	10/1/2010	NA	Member TPH	1201 Elm Street Suite 3500 Dallas, TX 75270	214-859-1800	Clearing, Transact Business with the Public
HRT Financial LLC	2/1/2010	10/1/2010	5/18/2010	5/18/2010	1/24/2011	1/24/2011	Member TPH	4 World Trade Center 150 Greenwich Street, 57th Floor New York, NY 10007	212-293-1444	Proprietary Trading
HSBC Securities (USA) Inc.	4/3/2017	4/3/2017	4/3/2017	4/3/2017	11/21/2005	NA	Member TPH	452 Fifth Avenue New York, NY 10018	224-880-7116	Clearing, Transact Business with the Public
IEX Services LLC	10/1/2013	10/1/2013	9/24/2013	9/24/2013	NA	NA	Member TPH	4 World Trade Center 44th Floor New York, NY 10007	646-343-2000	Limited Routing Facility of IEX affiliated Exchanges
IMC-Chicago LLC dba IMC Financial Markets	8/18/2008	10/1/2010	5/25/2010	5/27/2010	7/5/2000	9/24/2010	Member TPH	233 S Wacker Drive Suite 4300 Chicago, IL 60606	312-244-3300	Market Maker, Proprietary Trading
IMC-Chicago LLC dba IMC Financial Markets	11/5/2018	11/5/2018	11/5/2018	11/5/2018	NA	NA	Sponsored Participant	233 S Wacker Drive Suite 4300 Chicago, IL 60606	312-244-3300	Market Maker, Proprietary Trading
Industrial and Commercial Bank of China Financial Services LLC	5/15/2014	5/15/2014	NA	NA	NA	NA	Member TPH	1633 Broadway 28th Floor New York, NY 10019	212-993-7300	Clearing Services
Instinet LLC	8/18/2008	9/1/2010	5/14/2010	5/14/2010	12/29/2009	10/6/2010	Member TPH	Worldwide Plaza 309 W 49th Street New York, NY 10019	212-310-9500	Clearing, Transact Business with the Public, Brokerage
Interactive Brokers Corp.	NA	NA	NA	NA	4/21/2009	10/6/2010	Member TPH	8 Greenwich Office Park Greenwich, CT 06831	203-618-5700	Floor Broker, Brokerage
Interactive Brokers LLC	8/18/2008	9/15/2010	5/25/2010	5/27/2010	NA	NA	Member TPH	One Pickwick Plaza 2nd Floor Greenwich, CT 06830	203-618-5710	Full Service
J.P. Morgan Securities LLC	8/18/2008	9/15/2010	5/14/2010	5/14/2010	10/29/1985	11/18/2010	Member TPH	383 Madison Avenue New York, NY 10179	212-272-2000	Clearing, Transact Business with the Public
Jane Street Capital, LLC	5/1/2009	11/15/2010	5/14/2010	5/14/2010	9/4/2012	1/2/2019	Member TPH	250 Vesey Street 5th Floor New York, NY 10281	646-759-6000	Market Maker, Proprietary Trading
Jane Street Execution Services LLC	1/24/2019	1/24/2019	1/24/2019	1/24/2019	NA	NA	Member TPH	250 Vesey Street 6th Floor New York, NY 10281	646-759-6381	Proprietary Trading
Jane Street Options, LLC	4/15/2016	NA	NA	11/9/2018	5/2/2005	1/2/2019	Member TPH	250 Vesey Street 5th Floor New York, NY 10281	646-759-6000	Market Maker
Jefferies Investment Advisers	7/1/2011	7/15/2011	NA	NA	NA	NA	Sponsored Participant	520 Madison Avenue New York, NY 10022	212-323-3993	Full Service
Jefferies LLC	10/23/2008	10/19/2010	5/25/2010	5/27/2010	7/9/2012	7/18/2012	Member TPH	520 Madison Avenue New York, NY 10022	212-284-2300	Clearing, Proprietary Trading, Transact Business with the Public, Brokerage
JNK Securities Corp.	11/17/2008	11/15/2010	NA	NA	NA	NA	Member TPH	140 E 45th Street 27th Floor New York, NY 10017	212-885-6300	Agency
Juliet Group, LLC	3/1/2011	3/1/2011	NA	NA	NA	NA	Sponsored Participant	240 E 35th Street #3A New York, NY 10016	646-360-0595	Proprietary Trading
Juliet Labs, LLC	9/20/2017	9/20/2017	9/20/2017	9/20/2017	NA	NA	Sponsored Participant	1 Northside Piers Suite 14H Brooklyn, NY 11249	646-360-0595	Proprietary Trading
Jump Trading, LLC	8/18/2008	10/1/2010	5/14/2010	5/14/2010	4/2/2012	NA	Member TPH	600 W Chicago Avenue Suite 825 Chicago, IL 60654	312-205-8900	Market Maker, Proprietary Trading
Keefe, Bruyette & Woods, Inc.	8/18/2008	12/1/2010	6/8/2010	6/8/2010	NA	NA	Member TPH	787 7th Avenue New York, NY 10019	212-887-7777	Agency
Lakeshore Securities, LP	NA	NA	NA	NA	1/24/1983	NA	Member TPH	401 S LaSalle Street Suite 1000 Chicago, IL 60605	312-663-1307	Clearing, Floor Broker, Market Maker, Transact Business with the Public
Lamberson Capital LLC	NA	NA	NA	NA	3/23/2016	NA	Member TPH	71 S Wacker Drive Suite 2300 Chicago, IL 60606	312-360-7300	Market Maker
Lampert Capital Markets Inc.	NA	2/18/2014	2/26/2014	NA	NA	NA	Member TPH	444 Madison Avenue Suite 401 New York, NY 10022	646-833-4900	Introducing Broker
Latour Trading LLC	8/17/2009	10/1/2010	5/26/2010	5/27/2010	4/8/2011	NA	Member TPH	377 Broadway 10th Floor New York, NY 10013	917-388-8000	Proprietary Trading
LEK Securities Corporation	8/18/2008	10/1/2010	5/26/2010	5/27/2010	1/9/2001	9/24/2010	Member TPH	1 Liberty Plaza 165 Broadway, 52nd Floor New York, NY 10006	212-509-2300	Clearing, Transact Business with the Public
Lime Brokerage LLC	8/18/2008	10/1/2010	5/26/2010	5/27/2010	NA	NA	Member TPH	11 E 44th Street Suite 705 New York, NY 10017	212-824-5000	Transact Business with the Public
Liquidnet, Inc.	9/1/2009	NA	NA	NA	NA	NA	Member TPH	498 7th Avenue 15th Floor New York, NY 10018	646-674-2000	Agency
Lupo Securities, LLC	NA	NA	NA	NA	8/1/1997	NA	Member TPH	141 W Jackson Boulevard Suite 2200A Chicago, IL 60604	312-477-8400	Market Maker, Proprietary Trading
Macquarie Capital (USA) Inc.	12/1/2009	NA	5/26/2010	5/27/2010	NA	NA	Member TPH	125 W 55th Street Level 22 New York, NY 10019	212-231-1000	Agency
Marathon Trading Group LLC	2/13/2015	NA	NA	NA	1/30/2013	NA	Member TPH	100 Matsonford Road Building 2, Suite 107 Wayne, PA 19087	610-254-4890	Market Maker, Proprietary Trading
Matrix Executions, LLC	8/18/2008	11/15/2010	NA	11/12/2015	2/1/2008	10/26/2010	Member TPH	601 S LaSalle Street Suite 300 Chicago, IL 60605	312-334-8000	Transact Business with the Public, Brokerage
Merrill Lynch Professional Clearing Corp.	8/18/2008	10/5/2010	5/14/2010	5/14/2010	4/8/1985	9/24/2010	Member TPH	One Bryant Park, 6th Floor NY1-100-06-01 New York, NY 10036	646-743-1295	Clearing, Brokerage, Transact Business with the Public

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Merrill Lynch, Pierce, Fenner & Smith Incorporated	8/18/2008	10/4/2010	5/14/2010	5/14/2010	4/25/1973	NA	Member TPH	One Bryant Park New York, NY 10036	800-637-7455	Clearing, Transact Business with the Public, Brokerage, Market Maker, Proprietary Trading
Mint Global Markets, Inc.	NA	NA	5/26/2010	5/27/2010	NA	NA	Member TPH	1717 Route 6 Suite 102 Carmel, NY 10512	800-874-3039	Agency
Mizuho Securities USA, LLC	6/1/2010	1/3/2011	NA	NA	NA	NA	Member TPH	320 Park Avenue 12th Floor New York, NY 10022	212-209-9300	Agency
MKM Partners LLC	8/3/2009	NA	5/14/2010	5/14/2010	NA	NA	Member TPH	300 First Stamford Place 4th Floor East Wing Stamford, CT 06902	203-861-9060	Agency
Morgan Stanley & Co. LLC	10/23/2008	9/1/2010	5/14/2010	5/14/2010	8/20/1980	9/24/2010	Member TPH	1585 Broadway New York, NY 10036	212-761-4000	Clearing, Market Maker, Proprietary Trading, Transact Business with the Public, Brokerage
Nasdaq Execution Services, LLC	8/19/2008	9/1/2010	5/26/2010	5/27/2010	NA	NA	Member TPH	One Liberty Plaza 165 Broadway New York, NY 10006	212-231-5100	Limited Routing Facility of Nasdaq affiliated Exchanges
National Financial Services LLC	10/23/2008	10/4/2010	5/26/2010	5/27/2010	10/8/1987	4/16/2012	Member TPH	200 Seaport Boulevard Boston, MA 02210	617-563-7000	Clearing, Floor Broker, Transact Business with the Public
National Securities Corporation	7/1/2009	NA	NA	NA	NA	NA	Member TPH	One Union Square 600 University Street, Suite 2900 Seattle, WA 98101	206-622-7200	Agency
Needham & Company, LLC	10/23/2008	10/1/2010	NA	NA	NA	NA	Member TPH	445 Park Avenue New York, NY 10022	212-371-8300	Market Maker
Nomura Securities International, Inc.	10/23/2008	10/1/2010	5/26/2010	5/27/2010	9/1/2009	11/16/2010	Member TPH	Worldwide Plaza 309 W 49th Street New York, NY 10019	212-667-9000	Clearing, Transact Business with the Public, Proprietary Trading
Northern Trust Securities, Inc.	8/18/2008	10/5/2010	5/26/2010	5/27/2010	NA	NA	Member TPH	50 S LaSalle Street Chicago, IL 60603	312-557-2000	Market Maker
Old Mission Capital, LLC	4/16/2012	4/16/2012	4/25/2012	4/25/2012	9/27/2017	NA	Member TPH	314 W Superior Suite 200 Chicago, IL 60654	312-260-3031	Market Maker
Old Mission Markets LLC	NA	NA	12/13/2019	NA	NA	NA	Member TPH	314 W Superior Suite 200 Chicago, IL 60654	312-260-3044	Public Customer Business
Olivetree Financial, LLC	NA	NA	9/1/2016	NA	NA	NA	Member TPH	420 Lexington Avenue Suite 800 New York, NY 10170	646-930-6600	Agency
Oppenheimer & Co. Inc.	NA	NA	NA	NA	5/17/1973	NA	Member TPH	85 Broad Street 22nd, 24th Floors New York, NY 10004	212-668-8000	Clearing, Transact Business with the Public
Optiver US, LLC	6/15/2009	NA	NA	5/30/2018	6/1/2005	9/24/2010	Member TPH	130 E Randolph Street 14th Floor Chicago, IL 60601	312-821-9500	Market Maker
Oscar Gruss & Son Incorporated	8/7/2017	NA	NA	NA	NA	NA	Member TPH	430 Park Avenue 6th Floor New York, NY 10022	212-419-4000	Agency
PEAK6 Capital Management LLC	8/1/2014	NA	NA	2/1/2016	12/2/1997	NA	Member TPH	141 W Jackson Boulevard Suite 500 Chicago, IL 60604	312-444-8000	Proprietary Trading
Pershing LLC	8/18/2008	9/15/2010	5/26/2010	5/27/2010	2/21/1973	9/28/2010	Member TPH	One Pershing Plaza Jersey City, NJ 07399	201-413-2000	Clearing, Transact Business with the Public
Phillip Capital Inc.	NA	NA	NA	11/27/2017	NA	NA	Member TPH	141 W Jackson Boulevard Suite 3050 Chicago, IL 60604	312-356-9001	Clearing Services
Pictet Overseas Inc.	6/1/2015	6/1/2015	5/26/2010	5/27/2010	NA	NA	Member TPH	1000 de la Gauchetiere West Suite 3100 Montreal, Quebec H3B 4W5	514-288-8161	Agency
Piper Sandler & Co.	10/15/2008	11/15/2012	5/14/2010	5/14/2010	NA	NA	Member TPH	800 Nicollet Mall Minneapolis, MN 55402	612-303-6000	Market Maker
Potamus Trading, LLC	4/15/2013	4/15/2013	4/11/2013	4/11/2013	NA	NA	Member TPH	2 Seaport Lane 8th Floor Boston, MA 02210	617-855-8722	Market Maker, Proprietary Trading
Princeton Alpha Management, LP	12/1/2015	12/1/2015	12/1/2015	12/1/2015	NA	NA	Sponsored Participant	61 Princeton Hightstown Road West Windsor, NJ 08550	609-269-9212	Agency
Puma Capital, LLC	NA	NA	6/15/2016	6/15/2016	NA	NA	Member TPH	287 Bowman Avenue 3rd Floor Purchase, NY 10577	212-269-4100	Market Maker, Proprietary Trading
Pundion LLC	2/27/2017	2/27/2017	2/27/2017	2/27/2017	NA	NA	Member TPH	230 Park Avenue 10th Floor New York, NY 10169	718-618-4929	Proprietary Trading
Pundion LLC	10/15/2018	10/15/2018	10/15/2018	10/15/2018	NA	NA	Sponsored Participant	230 Park Avenue 10th Floor New York, NY 10169	718-618-4929	Proprietary Trading
Quantbot Technologies LP	3/27/2018	3/27/2018	3/27/2018	3/27/2018	NA	NA	Sponsored Participant	369 Lexington Avenue New York, NY 10017	212-622-6510	Proprietary Trading
Quantlab Brokerage, LLC	12/9/2019	12/9/2019	12/9/2019	12/9/2019	NA	NA	Member TPH	3 Greenway Plaza Suite 200 Houston, TX 77046	713-333-3704	Public Customer Business
Quiet Light Securities, LLC	NA	NA	NA	NA	5/1/2001	NA	Member TPH	141 W Jackson Boulevard Suite 2020A Chicago, IL 60604	312-431-0573	Market Maker, Proprietary Trading
R.W. Pressprich & Co.	2/17/2009	11/15/2010	6/2/2010	6/2/2010	NA	NA	Member TPH	452 5th Avenue New York, NY 10018	212-832-6200	Agency
Rackson Asset Management, LLC	10/1/2009	NA	NA	NA	NA	NA	Sponsored Participant	2000 Broadway Suite 22C New York, NY 10023	212-724-2567	Proprietary Trading
Radix Trading LLC	11/5/2018	11/5/2018	11/5/2018	11/5/2018	NA	NA	Sponsored Participant	353 N Clark Street Suite 3200 Chicago, IL 60654	773-377-8080	Research Firm
Rainier Investment Management, Inc.	1/4/2010	NA	NA	NA	NA	NA	Sponsored Participant	601 Union Street Suite 2801 Seattle, WA 98101	206-518-6658	Hedge Fund
RBC Capital Markets, LLC	9/18/2008	10/14/2010	5/14/2010	5/14/2010	11/24/1993	10/19/2010	Member TPH	3 World Financial Center 200 Vesey Street New York, NY 10281	212-858-7000	Clearing, Proprietary Trading, Transact Business with the Public
Robert W. Baird & Co. Incorporated	10/23/2008	1/3/2011	NA	NA	NA	NA	Member TPH	777 E Wisconsin Avenue Milwaukee, WI 53202	414-765-3500	Market Maker
Ronin Capital, LLC	NA	NA	NA	NA	12/17/2001	NA	Member TPH	350 N Orleans Street Suite 2N Chicago, IL 60654	312-244-5000	Market Maker
Ronin Professional, LLC	8/18/2008	10/1/2010	5/25/2010	5/27/2010	1/2/2008	NA	Member TPH	350 N Orleans Street Suite 2N Chicago, IL 60654	312-244-5400	Order Flow Provider, Transact Business with the Public, Brokerage
Rosenblatt Securities Inc.	8/18/2008	10/6/2010	5/26/2010	5/27/2010	NA	NA	Member TPH	40 Wall Street 59th Floor New York, NY 10005	212-607-3100	Agency
Roth Capital Partners, LLC	8/18/2008	NA	NA	NA	NA	NA	Member TPH	888 San Clemente Suite 400 Newport Beach, CA 92660	949-720-5700	Market Maker
SAC Capital Advisors, LP	10/23/2008	NA	NA	NA	NA	NA	Sponsored Participant	72 Cummings Point Road Stamford, CT 06902	203-890-2275	Hedge Fund

Company Name	BZX Approval Date	BYX Approval Date	EDGA Approval Date	EDGX Approval Date	CBOE Effective Date	C2 Effective Date	Type of User	Address	Phone Number	Primary Activities
Safra Securities LLC	NA	NA	5/26/2010	5/27/2010	NA	NA	Member TPH	546 5th Avenue New York, NY 10036	212-704-5500	Market Maker
SageTrader, LLC	3/1/2016	6/5/2017	6/5/2017	6/1/2016	NA	NA	Member TPH	340 Pine Street Suite 501 San Francisco, CA 94104	415-293-3894	Public Customer Business
SAL Equity Trading, GP	9/3/2008	10/5/2010	5/26/2010	5/27/2010	NA	NA	Member TPH	401 City Avenue Suite 220 Bala Cynwyd, PA 19004	610-617-3000	Agency, Institutional Trading
Sanford C. Bernstein & Co, LLC	9/10/2008	10/21/2010	5/26/2010	5/27/2010	8/13/2013	NA	Member TPH	1345 Avenue of the Americas New York, NY 10105	212-969-1000	Clearing, Proprietary Trading, Transact Business with the Public
Santander Investment Securities Inc.	4/15/2009	1/3/2011	NA	NA	NA	NA	Member TPH	45 E 53rd Street New York, NY 10022	212-350-3500	Institutional Trading
Scotia Capital (USA) Inc.	3/2/2009	9/15/2010	5/26/2010	5/27/2010	NA	NA	Member TPH	250 Vesey Street New York, NY 10281	212-225-6500	Institutional Trading
Sea Otter Securities Group LLC	10/9/2018	10/9/2018	NA	10/9/2018	NA	NA	Sponsored Participant	107 Grand Street 7th Floor New York, NY 10013	646-762-9972	Proprietary Trading
SG Americas Securities, LLC	9/17/2008	11/15/2011	5/14/2010	5/14/2010	4/23/2004	1/2/2015	Member TPH	245 Park Avenue New York, NY 10167	212-278-6000	Clearing, Proprietary Trading, Transact Business with the Public, Brokerage
Simplex Trading, LLC	3/16/2015	NA	NA	4/13/2017	8/12/2010	3/1/2017	Member TPH	230 S LaSalle Street Suite 4-100 Chicago, IL 60604	312-360-2440	Market Maker, Proprietary Trading
SMBC Nikko Securities America, Inc.	8/7/2017	8/7/2017	8/7/2017	8/7/2017	NA	NA	Member TPH	277 Park Avenue 5th Floor New York, NY 10172	212-224-5039	Institutional Trading
SogoTrade, Inc.	NA	NA	NA	6/19/2017	NA	NA	Member TPH	11 Broadway Suite 514 New York, NY 10004	646-885-6486	Public Customer Business
Southern Trust Securities Inc.	2/19/2020	2/19/2020	2/19/2020	2/19/2020	NA	NA	Member TPH	2307 Douglas Road, Suite 301 Miami, FL 33145	631-804-0396	Public Customer Business
Squarepoint Ops LLC	6/12/2020	6/12/2020	6/12/2020	6/12/2020	NA	NA	Sponsored Participant	250 W 55th Street 32nd Floor New York, NY 10019	646-868-1508	
SRT Securities LLC	NA	5/18/2020	NA	NA	10/27/1995	9/24/2010	Member TPH	666 5th Avenue 14th Floor New York, NY 10103	212-841-4567	Floor Broker, Transact Business with the Public, Brokerage
Stifel, Nicolaus & Company, Incorporated	8/18/2008	NA	6/2/2010	6/2/2010	NA	NA	Member TPH	501 N Broadway St. Louis, MO 63102	314-342-2000	Agency
Sumo Captial, LLC	7/15/2013	NA	NA	10/15/2015	3/3/2008	NA	Member TPH	440 S LaSalle Street Suite 2101 Chicago, IL 60605	312-324-0326	Market Maker, Proprietary Trading
SumRidge Partners, LLC	NA	NA	NA	12/27/2017	NA	NA	Member TPH	111 Town Square Place Suite 320 Jersey City, NJ 07310	201-898-2520	Proprietary Trading
Susquehanna Financial Group, LLLP	9/3/2008	10/5/2010	5/26/2010	5/27/2010	NA	NA	Member TPH	401 City Avenue Suite 220 Bala Cynwyd, PA 19004	800-825-9550	Agency, Institutional Trading
Susquehanna Investment Group	NA	NA	NA	NA	5/1/1987	NA	Member TPH	401 City Avenue Suite 220 Bala Cynwyd, PA 19004	610-617-2600	Market Maker
Susquehanna Securities, LLC	10/15/2014	10/15/2014	10/15/2014	10/15/2014	4/4/1994	9/24/2010	Member TPH	401 City Avenue Suite 220 Bala Cynwyd, PA 19004	610-617-2600	Market Maker, Proprietary Trading
SVB Leerink LLC	8/18/2008	10/5/2010	5/26/2010	5/27/2010	NA	NA	Member TPH	1 Federal Street 37th Floor Boston, MA 02110	617-918-4900	Agency
TD Ameritrade Clearing, Inc.	5/3/2011	5/3/2011	NA	5/27/2010	NA	NA	Member TPH	200 S 108th Avenue Omaha, NE 68154	800-669-3900	Public Customer Business, Clearing Services
Telsey Advisory Group, LLC	1/24/2011	8/15/2014	NA	NA	NA	NA	Member TPH	555 5th Avenue 7th Floor New York, NY 10017	212-973-9700	Public Customer Business
Tewksbury Investment Fund, Ltd.	7/1/2011	7/1/2011	1/6/2015	1/6/2015	NA	NA	Sponsored Participant	Washington Mall I 20th Church Street, 4th Floor Hamilton, HM 11 Bermuda	610-971-5000	Proprietary Trading
Tewksbury Investment Fund, Ltd.	10/23/2008	11/15/2010	NA	NA	NA	NA	Sponsored Participant	Washington Mall I 20th Church Street, 4th Floor Hamilton, HM 11 Bermuda	212-310-7076	Proprietary Trading
Themis Trading LLC	8/18/2008	10/1/2010	NA	NA	NA	NA	Member TPH	10 Town Square Suite 100 Chatham, NJ 07928	973-665-9600	Agency
ThinkTrade, LLC	2/1/2010	10/20/2010	1/9/2015	1/9/2015	NA	NA	Sponsored Participant	2210 Encintas Boulevard Suite 1 Encintas, CA 92024	760-452-2451	Proprietary Trading
Timber Hill LLC	NA	NA	NA	NA	12/27/1996	12/15/2010	Member TPH	One Pickwick Plaza Suite 200 Greenwich, CT 06830	203-618-5800	Clearing, Market Maker
TJM Investments, LLC	NA	NA	NA	NA	3/11/2013	NA	Member TPH	318 W Adams Street 9th Floor Chicago, IL 60606	312-432-5100	Floor Broker, Transact Business with the Public
Tradebot Systems, Inc.	8/18/2008	9/1/2010	5/26/2010	5/27/2010	NA	NA	Member TPH	1251 NW Briarcliff Parkway Suite 700 Kansas City, MO 64116	816-285-6400	Proprietary Trading
TradeStation Securities, Inc.	8/18/2008	9/1/2010	5/25/2010	5/25/2010	NA	NA	Member TPH	8050 SW 10th Street Suite 2000 Plantation, FL 33324	954-652-7900	Market Maker
TRC Helepolis, Ltd.	12/11/2009	NA	NA	NA	NA	NA	Sponsored Participant	377 Broadway 11th Floor New York, NY 10013	646-472-1792	Proprietary Trading
TRC Markets LLC	4/13/2017	4/13/2017	4/13/2017	4/13/2017	NA	NA	Member TPH	710 Johnnie Dodds Boulevard Suite 300 Mt. Pleasant, SC 29464	917-388-8644	Agency
Trinity Executions, LLC	NA	NA	NA	NA	11/1/2011	NA	Member TPH	141 W Jackson Boulevard Suite 3900 Chicago, IL 60604	312-878-4704	Floor Broker, Transact Business with the Public
Tudor, Pickering, Holt & Co. Securities, Inc.	8/18/2008	10/17/2011	NA	NA	NA	NA	Member TPH	1111 Bagby Suite 4900 Houston, TX 77002	713-333-7100	Agency
Two Sigma Investments, LLC	9/1/2009	NA	NA	NA	NA	NA	Sponsored Participant	100 Avenue of the Americas 4th Floor New York, NY 10013	212-775-6678	Proprietary Trading
Two Sigma Partners Master Fund, Ltd.	3/2/2009	NA	NA	NA	NA	NA	Sponsored Participant	100 Avenue of the Americas 4th Floor New York, NY 10013	212-775-6678	Proprietary Trading
Two Sigma Securities, LLC	7/1/2009	NA	NA	NA	NA	NA	Sponsored Participant	100 Avenue of the Americas 4th Floor New York, NY 10013	646-292-6643	Proprietary Trading
Two Sigma Securities, LLC	10/1/2009	10/5/2010	5/27/2010	5/27/2010	9/15/2017	7/18/2018	Member TPH	100 Avenue of the Americas 19th Floor New York, NY 10013	212-625-5700	Market Maker, Broker
U.S. Securities, Intl. Corp.	NA	NA	NA	NA	7/3/1973	NA	Member TPH	120 Broadway Suite 1017 New York, NY 10271	212-227-0800	Transact Business with the Public
UBS Financial Services Inc.	NA	NA	NA	NA	12/11/1972	NA	Member TPH	1200 Harbor Boulevard Weehawken, NJ 07086	201-352-3000	Clearing, Transact Business with the Public

Company Name	BZX Approval Date	BYX Approval Date	EDGA Approval Date	EDGX Approval Date	CBOE Effective Date	C2 Effective Date	Type of User	Address	Phone Number	Primary Activities
UBS Securities LLC	10/15/2008	10/1/2010	4/12/2010	4/12/2010	10/1/1998	10/8/2010	Member TPH	1285 Avenue of the Americas New York, NY 10019	203-719-3000	Clearing, Proprietary Trading, Transact Business with the Public
Ultraviolet Securities LLC	6/17/2019	6/17/2019	6/17/2019	6/17/2019	NA	NA	Sponsored Participant	151 Bodman Place Suite 301 Red Bank, NJ 07701	732-450-7462	Proprietary Trading
Ultraviolet Securities LLC	10/24/2019	10/24/2019	10/24/2019	10/24/2019	NA	NA	Sponsored Participant	151 Bodman Place Suite 301 Red Bank, NJ 07701	732-450-7462	Proprietary Trading
Ustocktrade Securities, Inc.	4/17/2015	NA	NA	NA	NA	NA	Member TPH	275 Grove Street Suite 2-400 Newton, MA 02466	617-340-3041	Public Customer Business, Proprietary Trading
Velocity Clearing, LLC	10/3/2011	12/27/2011	5/17/2011	5/17/2011	NA	NA	Member TPH	70 Hudson Street Hoboken, NJ 07030	201-706-7157	Clearing Services
Velox Clearing LLC	9/5/2019	9/5/2019	9/5/2019	9/5/2019	NA	NA	Member TPH	2400 E. Katella Ave Suite 725 Anaheim, CA 92806	949-352-4694	Clearing Services
Verition Fund Management LLC	10/21/2019	10/21/2019	10/21/2019	10/21/2019	NA	NA	Sponsored Participant	1 American Lane Greenwich, CT 06831	203-742-7711	Proprietary Trading
ViewTrade Securities, Inc.	8/18/2008	11/15/2010	6/10/2010	6/10/2010	NA	NA	Member TPH	7280 W Palmetto Park Road Suite 310 Boca Raton, FL 33433	561-620-0306	Agency
Virtu Americas LLC	9/15/2009	10/14/2010	1/3/2011	1/3/2011	9/18/2009	3/17/2011	Member TPH	300 Vesey Street New York, NY 10282	646-682-6000	Clearing, Proprietary Trading, Transact Business with the Public, Brokerage
Virtu ITG LLC	8/18/2008	10/1/2010	5/25/2010	5/27/2010	NA	NA	Member TPH	One Liberty Plaza 165 Broadway, 4th Floor New York, NY 10006	212-588-4000	Agency
Vision Financial Markets LLC	4/1/2009	11/15/2010	7/13/2012	7/13/2012	12/11/2006	NA	Member TPH	120 Long Ridge Road 3 North Stamford, CT 06902	203-388-2700	Clearing, Transact Business with the Public
Volant Execution, LLC	6/15/2011	NA	NA	10/1/2015	4/12/2005	9/24/2010	Member TPH	111 W Jackson Boulevard 20th Floor Chicago, IL 60604	312-692-5000	Clearing, Brokerage
Volant Liquidity, LLC	4/15/2011	NA	5/27/2010	5/27/2010	2/1/2010	3/23/2011	Member TPH	250 Vesey Street Suite 2601 New York, NY 10281	646-804-7900	Market Maker, Order Flow Provider, Brokerage
Wall Street Access	11/3/2008	10/17/2011	5/27/2010	5/27/2010	NA	NA	Member TPH	17 Battery Place 11th Floor New York, NY 10004	212-709-9400	Agency
Walleye Trading LLC	12/1/2008	11/12/2010	NA	4/17/2018	6/1/2006	NA	Member TPH	2800 Niagara Lane North Plymouth, MN 55447	952-345-6611	Market Maker
Webbush Securities Inc.	8/18/2008	9/1/2010	5/27/2010	5/27/2010	2/23/2012	3/8/2012	Member TPH	1000 Wilshire Boulevard Suite 900 Los Angeles, CA 90017	213-688-8090	Clearing
Wells Fargo Clearing Services, LLC	7/1/2016	NA	NA	NA	11/14/2016	NA	Member TPH	One N Jefferson Avenue Mail Code: H0004-050 St. Louis, MO 63103	314-875-3000	Clearing, Transact Business with the Public
Wells Fargo Securities, LLC	8/18/2008	10/11/2010	6/9/2010	6/9/2010	4/1/2014	4/1/2014	Member TPH	550 S Tryon Street, 6th Floor D1086-060 Charlotte, NC 28202	704-410-1913	Clearing, Proprietary Trading
Wolverine Execution Services, LLC	8/18/2008	10/19/2010	5/14/2010	5/14/2010	3/1/2006	9/24/2010	Member TPH	175 W Jackson Boulevard Suite 200 Chicago, IL 60604	312-884-4000	Clearing, Floor Broker, Transact Business with the Public, Brokerage
Wolverine Securities, LLC	NA	NA	NA	5/31/2017	NA	NA	Member TPH	175 W Jackson Boulevard Suite 200 Chicago, IL 60604	312-884-4000	Market Maker
Wolverine Trading, LLC	10/3/2011	NA	NA	10/1/2015	7/12/1994	9/24/2010	Member TPH	175 W Jackson Boulevard Suite 200 Chicago, IL 60604	312-884-4000	Market Maker, Proprietary Trading
X-Change Financial Access, LLC	NA	NA	NA	NA	5/1/2003	NA	Member TPH	440 S LaSalle Street Suite 2900 Chicago, IL 60605	312-235-0320	Clearing, Floor Broker, Transact Business with the Public
XR Securities LLC	1/15/2009	11/15/2010	5/10/2012	5/10/2012	11/30/2007	NA	Member TPH	550 W Jackson Boulevard Suite 1000 Chicago, IL 60661	312-244-4712	Market Maker, Proprietary Trading
XR Securities LLC	10/10/2019	10/10/2019	10/10/2019	10/10/2019	NA	NA	Sponsored Participant	550 W Jackson Boulevard Suite 1000 Chicago, IL 60661	312-244-4712	Market Maker, Proprietary Trading

Exhibit N

Exhibit Request: Provide a schedule for each of the following:

- 1. The securities listed in the exchange, indicating for each the name of the issuer and a description of the security;**
- 2. The securities admitted to unlisted trading privileges, indicating for each the name of the issuer and a description of the security;**
- 3. The unregistered securities admitted to trading on the exchange which are exempt from registration under Section 12(a) of the Act. For each security listed, provide the name of the issuer and a description of the security, and the statutory exemption claimed (e.g., Rule 12a-6); and**
- 4. Other securities traded on the exchange, including for each the name of the issuer and a description of the security.**

Response:

Attached is a schedule showing the information requested by this Exhibit as of June 18, 2020.

All securities that trade through the Cboe BYX Exchange, Inc. System are “NMS stocks,” as such term is defined in Rule 600(b)(47) of Regulation NMS, and are traded pursuant to unlisted trading privileges. The Exchange does not currently list any securities, though it may do so in the future. The Exchange allows trading of Nasdaq National Market and Nasdaq Capital Market securities (both “Nasdaq securities” as defined in Rule 600(b)(41) of Regulation NMS) through Cboe BYX Exchange, Inc. The Exchange also allows trading of exchange-traded securities, as defined in Rule 600(b)(25) of Regulation NMS, including exchange-traded funds or ETFs.

Symbol	Description
Attachment to Exhibit N: List of Securities Admitted to Unlisted Trading Privileges on Cboe BYX Exchange, Inc. as of June 18, 2020	
A	AGILENT TECHNOLOGIES INC COM
AA	ALCOA CORP COM
AAAU	PERTH MINT PHYSICAL GOLD ETF UNIT
AACG	ATA CREATIVITY GLOBAL SPONSORED ADS
AADR	ADVISORSHARES TR ADVISORSHS ETF
AAL	AMERICAN AIRLS GROUP INC COM
AAMC	ALTISOURCE ASSET MGMT CORP COM
AAME	ATLANTIC AMERN CORP COM
AAN	AARONS INC COM PAR \$0.50
AAOI	APPLIED OPTOELECTRONICS INC COM
AAON	AAON INC COM PAR \$0.004
AAP	ADVANCE AUTO PARTS INC COM
AAPL	APPLE INC COM
AAT	AMERICAN ASSETS TR INC COM
AAU	ALMADEN MINERALS LTD COM CL B
AAWW	ATLAS AIR WORLDWIDE HLDGS INC COM NEW
AAXJ	ISHARES TR MSCI AC ASIA ETF
AAXN	AXON ENTERPRISE INC COM
AB	ALLIANCEBERNSTEIN HLDG L P UNIT LTD PARTN
ABB	ABB LTD SPONSORED ADR
ABBV	ABBVIE INC COM
ABC	AMERISOURCEBERGEN CORP COM
ABCB	AMERIS BANCORP COM
ABEO	ABEONA THERAPEUTICS INC COM
ABEQ	UNIFIED SER TR ABSOLUTE CORE
ABEV	AMBEV SA SPONSORED ADR
ABG	ASBURY AUTOMOTIVE GROUP INC COM
ABIO	ARCA BIOPHARMA INC COM
ABM	ABM INDS INC COM
ABMD	ABIOMED INC COM

ABR	ARBOR RLTY TR INC COM
ABR-A	ARBOR RLTY TR INC PFD SER A %
ABR-B	ARBOR RLTY TR INC CUM RED PFD B
ABR-C	ARBOR RLTY TR INC CUM RED PFD SR C
ABT	ABBOTT LABS COM
ABTX	ALLEGIANCE BANCSHARES INC COM
ABUS	ARBUTUS BIOPHARMA CORP COM
AC	ASSOCIATED CAP GROUP INC CL A
ACA	ARCOSA INC COM
ACAD	ACADIA PHARMACEUTICALS INC COM
ACAM	ACAMAR PARTNERS ACQSITION CORP CL A
ACAMU	ACAMAR PARTNERS ACQSITION CORP UNIT EX 123025
ACAMW	ACAMAR PARTNERS ACQSITION CORP WT EXP 022626
ACB	AURORA CANNABIS INC COM
ACBI	ATLANTIC CAP BANCSHARES INC COM
ACC	AMERICAN CAMPUS CMNTYS INC COM
ACCO	ACCO BRANDS CORP COM
ACEL	ACCEL ENTERTAINMENT INC COM CL A1
ACEL+	ACCEL ENTERTAINMENT INC WT EXP 112024
ACER	ACER THERAPEUTICS INC COM
ACGL	ARCH CAP GROUP LTD ORD
ACGLO	ARCH CAP GROUP LTD 5.45% PFD SER F
ACGLP	ARCH CAP GROUP LTD DSHS 1/1000 E
ACH	ALUMINUM CORP CHINA LIMITED SPON ADR H SHS
ACHC	ACADIA HEALTHCARE COMPANY INC COM
ACHV	ACHIEVE LIFE SCIENCE INC COM NEW
ACIA	ACACIA COMMUNICATIONS INC COM
ACIU	AC IMMUNE SA SHS
ACIW	ACI WORLDWIDE INC COM
ACLS	AXCELIS TECHNOLOGIES INC COM NEW
ACM	AECOM COM
ACMR	ACM RESEARCH INC COM CL A
ACN	ACCENTURE PLC IRELAND SHS CLASS A
ACNB	ACNB CORP COM

ACOR	ACORDA THERAPEUTICS INC COM
ACP	ABERDEEN INCOME CR STRATEGIES COM
ACRE	ARES COML REAL ESTATE CORP COM
ACRS	ACLARIS THERAPEUTICS INC COM
ACRX	ACELRX PHARMACEUTICALS INC COM
ACSG	DBX ETF TR XTKR MSCI ACWI
ACST	ACASTI PHARMA INC CL A NEW
ACT	ADVISORSHARES TR VICE ETF
ACTG	ACACIA RESH CORP ACACIA TCH COM
ACTT	ACT II GLOBAL ACQUISITION CORP CL A SHS
ACTTU	ACT II GLOBAL ACQUISITION CORP UNIT EX 043026
ACTTW	ACT II GLOBAL ACQUISITION CORP WT EXP 043026
ACU	ACME UTD CORP COM
ACV	ALLIANZGI DIVERSIFIED INCOME & COM
ACWF	ISHARES TR MULTIFACTOR GLBL
ACWI	ISHARES TR MSCI ACWI ETF
ACWX	ISHARES TR MSCI ACWI EX US
ACY	AEROCENTURY CORP COM
ADAP	ADAPTIMMUNE THERAPEUTICS PLC SPONDS ADR
ADBE	ADOBE INC COM
ADC	AGREE REALTY CORP COM
ADCT	ADC THERAPEUTICS SA SHS
ADES	ADVANCED EMISSIONS SOLUTS INC COM
ADI	ANALOG DEVICES INC COM
ADIL	ADIAL PHARMACEUTICALS INC COM
ADILW	ADIAL PHARMACEUTICALS INC WT EXP 073123
ADM	ARCHER DANIELS MIDLAND CO COM
ADMA	ADMA BIOLOGICS INC COM
ADMP	ADAMIS PHARMACEUTICALS CORP COM NEW
ADMS	ADAMAS PHARMACEUTICALS INC COM
ADNT	ADIENT PLC ORD SHS
ADP	AUTOMATIC DATA PROCESSING INC COM
ADPT	ADAPTIVE BIOTECHNOLOGIES CORP COM
ADRE	INVESCO ACTIVELY MANAGED ETF EMGRING MKTS50

ADRO	ADURO BIOTECH INC COM
ADS	ALLIANCE DATA SYSTEMS CORP COM
ADSK	AUTODESK INC COM
ADSW	ADVANCED DISP SVCS INC DEL COM
ADT	ADT INC DEL COM
ADTN	ADTRAN INC COM
ADUS	ADDUS HOMECARE CORP COM
ADVM	ADVERUM BIOTECHNOLOGIES INC COM
ADX	ADAMS DIVERSIFIED EQUITY FD COM
ADXN	ADDEX THERAPEUTICS LTD SPONSORED ADS
ADXS	ADVAXIS INC COM NEW
AE	ADAMS RES & ENERGY INC COM NEW
AEB	AEGON N V PERP CAP FLTG RT
AEE	AMEREN CORP COM
AEF	ABERDEEN EMRG MRKTS EQT INM FD COM
AEFC	AEGON FDG CO LLC 5.10% NOTES 49
AEG	AEGON N V NY REGISTRY SHS
AEGN	AEGION CORP COM
AEHR	AEHR TEST SYSTEMS COM
AEIS	ADVANCED ENERGY INDS COM
AEL	AMERICAN EQTY INVT LIFE HLD CO COM
AEL-A	AMERICAN EQTY INVT LIFE HLD CO 5.95 DP 1/1000 A
AEM	AGNICO EAGLE MINES LTD COM
AEMD	AETHLON MED INC COM
AEO	AMERICAN EAGLE OUTFITTERS INC COM
AEP	AMERICAN ELEC PWR CO INC COM
AEP-B	AMERICAN ELEC PWR CO INC UNIT EX 031522
AER	AERCAP HOLDINGS NV SHS
AERI	AERIE PHARMACEUTICALS INC COM
AES	AES CORP COM
AESE	ALLIED ESPORTS ENTMT INC COM
AEY	ADVANTAGE TECHNOLOGIES GP INC COM NEW
AEYE	AUDIOEYE INC COM NEW
AEZS	AETERNA ZENTARIS INC COM

AFB	ALLIANCEBERNSTEIN NATL MUNI IN COM
AFC	ALLIED CAP CORP NEW NT 6.875 2047
AFG	AMERICAN FINL GROUP INC OHIO COM
AFGB	AMERICAN FINL GROUP INC OHIO 5.875 SB NT 59
AFGC	AMERICAN FINL GROUP INC OHIO 5.125% SB DEB 59
AFGD	AMERICAN FINL GROUP INC OHIO 5.625% SB DEB 60
AFGH	AMERICAN FINL GROUP INC OHIO 6% SUB DEB 2055
AFH	ATLAS FINANCIAL HOLDINGS INC SHS NEW
AFI	ARMSTRONG FLOORING INC COM
AFIN	AMERICAN FIN TR INC COM CLASS A
AFINP	AMERICAN FIN TR INC 7.50% PFD A
AFK	VANECK VECTORS ETF TR AFRICA INDEX ETF
AFL	AFLAC INC COM
AFLG	FIRST TR EXCHNG TRADED FD VIII ACTV FCTR LGCP
AFMC	FIRST TR EXCHNG TRADED FD VIII ACTV FCTR MDCP
AFMD	AFFIMED N V COM
AFSM	FIRST TR EXCHNG TRADED FD VIII ACTV FCTR SMCP
AFT	APOLLO SR FLOATING RATE FD INC COM
AFTY	PACER FDS TR CSOP FTSE CHINA
AFYA	AFYA LTD CL A COM
AG	FIRST MAJESTIC SILVER CORP COM
AGBA	AGBA ACQUISITION LTD SHS
AGBAR	AGBA ACQUISITION LTD RT
AGBAU	AGBA ACQUISITION LTD UNIT EX 051024
AGBAW	AGBA ACQUISITION LTD WT EXP 051024
AGCO	AGCO CORP COM
AGD	ABERDEEN GLOBAL DYNAMIC DIVID COM
AGE	AGEX THERAPEUTICS INC COM
AGEN	AGENUS INC COM NEW
AGFS	AGROFRESH SOLUTIONS INC COM
AGFSW	AGROFRESH SOLUTIONS INC WT EXP 073120
AGG	ISHARES TR CORE US AGGBD ET
AGGP	INDEXIQ ETF TR IQ ENCH COR PL
AGGY	WISDOMTREE TR YIELD ENHANCD US

AGI	ALAMOS GOLD INC NEW COM CL A
AGIO	AGIOS PHARMACEUTICALS INC COM
AGLE	AEGLEA BIOTHERAPEUTICS INC COM
AGM	FEDERAL AGRIC MTG CORP CL C
AGM-A	FEDERAL AGRIC MTG CORP PFD A 5.875%NON
AGM-C	FEDERAL AGRIC MTG CORP PFD C FIX TO FLT
AGM-D	FEDERAL AGRIC MTG CORP 5.7% NCUM PFD D
AGM-E	FEDERAL AGRIC MTG CORP 5.750 NCUM PFD E
AGM.A	FEDERAL AGRIC MTG CORP CL A
AGMH	AGM GROUP HOLDINGS INC SHS CL A
AGNC	AGNC INVT CORP COM
AGNCM	AGNC INVT CORP 6.875 DEP REP D
AGNCN	AGNC INVT CORP CUM 1/1000 7% C
AGNCO	AGNC INVT CORP 6.5% DPRP PFD E
AGNCP	AGNC INVT CORP 6.12 DP SH PFD F
AGO	ASSURED GUARANTY LTD COM
AGO-B	ASSURED GUARNTY MUNI HLDGS INC QUIBS 6.875%
AGO-E	ASSURED GUARNTY MUNI HLDGS INC NT 6.25% 2102
AGO-F	ASSURED GUARNTY MUNI HLDGS INC NT 5.60% 2103
AGQ	PROSHARES TR II ULTRA SILVER NEW
AGR	AVANGRID INC COM
AGRO	ADECOAGRO S A COM
AGRX	AGILE THERAPEUTICS INC COM
AGS	PLAYAGS INC COM
AGTC	APPLIED GENETIC TECHNOLOGIES C COM
AGX	ARGAN INC COM
AGYS	AGILYSYS INC COM
AGZ	ISHARES TR AGENCY BOND ETF
AGZD	WISDOMTREE TR INTRST RATE HDGE
AHC	A H BELO CORP COM CL A
AHCO	ADAPTHEALTH CORP COM CL A
AHH	ARMADA HOFFLER PPTYS INC COM
AHH-A	ARMADA HOFFLER PPTYS INC 6.75% CUM PFD A
AHL-C	ASPEN INSURANCE HOLDINGS LTD PFD SHS 5.95

AHL-D	ASPEN INSURANCE HOLDINGS LTD PFD SHS
AHL-E	ASPEN INSURANCE HOLDINGS LTD 5.625 DP NCM PFD
AHPI	ALLIED HEALTHCARE PRODS INC COM NEW
AHT	ASHFORD HOSPITALITY TR INC COM SHS
AHT-D	ASHFORD HOSPITALITY TR INC PFD D 8.45% CUM
AHT-F	ASHFORD HOSPITALITY TR INC PFD CUM SER F
AHT-G	ASHFORD HOSPITALITY TR INC PFD SER G
AHT-H	ASHFORD HOSPITALITY TR INC 7.50% CUM PFD H
AHT-I	ASHFORD HOSPITALITY TR INC 7.5% PFD SER I
AI	ARLINGTON ASSET INVST CORP CL A NEW
AI-B	ARLINGTON ASSET INVST CORP PFD SER B
AI-C	ARLINGTON ASSET INVST CORP 8.250 CUM PFD C
AIA	ISHARES TR ASIA 50 ETF
AIC	ARLINGTON ASSET INVST CORP 6.75% SR NT 25
AIEQ	ETF MANAGERS TR AI POWERED EQT
AIF	APOLLO TACTICAL INCOME FD INC COM
AIG	AMERICAN INTL GROUP INC COM NEW
AIG+	AMERICAN INTL GROUP INC WT EXP 011921
AIG-A	AMERICAN INTL GROUP INC 5.85 DP SH PFD A
AIH	AESTHETIC MED INTL HLDG GR LTD ADS
AIHS	SENMIAO TECHNOLOGY LTD COM
AIHQ	ETF SER SOLUTIONS AI PWD INTL EQTY
AIKI	AIKIDO PHARMA INC COM
AIM	AIM IMMUNOTECH INC COM
AIMC	ALTRA INDL MOTION CORP COM
AIMT	AIMMUNE THERAPEUTICS INC COM
AIN	ALBANY INTL CORP CL A
AINC	ASHFORD INC COM
AINV	APOLLO INVT CORP COM NEW
AIO	ALLIANZGI ARTIFICIAL INTELLIG COM
AIQ	GLOBAL X FDS ARTIFICIAL ETF
AIR	AAR CORP COM
AIRG	AIRGAIN INC COM
AIRI	AIR INDS GROUP COM NEW

AIRR	FIRST TR EXCHANGE-TRADED FD VI RBA INDL ETF
AIRT	AIR T INC COM
AIRTP	AIR T FUNDING NT 49
AIRTW	AIR T FUNDING WT EXP 090820
AIT	APPLIED INDL TECHNOLOGIES INC COM
AIV	APARTMENT INVT & MGMT CO CL A
AIW	ARLINGTON ASSET INVST CORP SR NT6.625 23
AIZ	ASSURANT INC COM
AIZP	ASSURANT INC 6.50% CONV PFD D
AJG	GALLAGHER ARTHUR J & CO COM
AJRD	AEROJET ROCKETDYNE HLDGS INC COM
AJX	GREAT AJAX CORP COM
AJXA	GREAT AJAX CORP 7.25 CV SR NT 24
AKAM	AKAMAI TECHNOLOGIES INC COM
AKBA	AKEBIA THERAPEUTICS INC COM
AKCA	AKCEA THERAPEUTICS INC COM
AKER	AKERS BIOSCIENCES INC COM
AKO.A	EMBOTELLADORA ANDINA S A SPON ADR A
AKO.B	EMBOTELLADORA ANDINA S A SPON ADR B
AKR	ACADIA RLTY TR COM SH BEN INT
AKRO	AKERO THERAPEUTICS INC COM
AKTS	AKOUSTIS TECHNOLOGIES INC COM
AKTX	AKARI THERAPEUTICS PLC SPONSORED ADR
AL	AIR LEASE CORP CL A
AL-A	AIR LEASE CORP 6.150 NON CUM A
ALAC	ALBERTON ACQUISITION CORP ORD SHS
ALACR	ALBERTON ACQUISITION CORP RT
ALACU	ALBERTON ACQUISITION CORP UNIT EX 042220
ALACW	ALBERTON ACQUISITION CORP WT EXP 042625
ALB	ALBEMARLE CORP COM
ALBO	ALBIREO PHARMA INC COM
ALC	ALCON AG ORD SHS
ALCO	ALICO INC COM
ALDX	ALDEYRA THERAPEUTICS INC COM

ALE	ALLETE INC COM NEW
ALEC	ALECTOR INC COM
ALEX	ALEXANDER & BALDWIN INC NEW COM
ALG	ALAMO GROUP INC COM
ALGN	ALIGN TECHNOLOGY INC COM
ALGT	ALLEGIANT TRAVEL CO COM
ALIM	ALIMERA SCIENCES INC COM NEW
ALIN-A	ALTERA INFRASTRUCTURE L P 7.25% CUM PFD A
ALIN-B	ALTERA INFRASTRUCTURE L P 8.50% PFD UNIT B
ALIN-E	ALTERA INFRASTRUCTURE L P 8.87% PFD UNIT E
ALJJ	ALJ REGIONAL HLDGS INC COM
ALK	ALASKA AIR GROUP INC COM
ALKS	ALKERMES PLC SHS
ALL	ALLSTATE CORP COM
ALL-B	ALLSTATE CORP SUB DEB 53
ALL-G	ALLSTATE CORP DEP 1/1000 PFD G
ALL-H	ALLSTATE CORP DP SHS PFD H
ALL-I	ALLSTATE CORP 4.75 DP PFD I
ALLE	ALLEGION PLC ORD SHS
ALLK	ALLAKOS INC COM
ALLO	ALLOGENE THERAPEUTICS INC COM
ALLT	ALLOT LTD SHS
ALLY	ALLY FINL INC COM
ALLY-A	GMAC CAP TR I GTD TR PFD-2
ALNA	ALLENA PHARMACEUTICALS INC COM
ALNY	ALNYLAM PHARMACEUTICALS INC COM
ALO	ALIO GOLD INC COM
ALOT	ASTRONOVA INC COM
ALP-Q	ALABAMA PWR CO 5% PFD CL A
ALPN	ALPINE IMMUNE SCIENCES INC COM
ALRM	ALARM COM HLDGS INC COM
ALRN	AILERON THERAPEUTICS INC COM
ALRS	ALERUS FINL CORP COM
ALSK	ALASKA COMMUNICATIONS SYS GRP COM

ALSN	ALLISON TRANSMISSION HLDGS INC COM
ALT	ALTIMMUNE INC COM NEW
ALTG	ALTA EQUIPMENT GROUP INC COMMON STOCK
ALTG+	ALTA EQUIPMENT GROUP INC WT EXP 021425
ALTM	ALTUS MIDSTREAM CO CL A
ALTR	ALTAIR ENGR INC COM CL A
ALTY	GLOBAL X FDS SUPER DIV ALTR
ALUS	ALUSSA ENERGY ACQUISITION CORP SHS CL A
ALUS+	ALUSSA ENERGY ACQUISITION CORP WT EXP 103126
ALUS=	ALUSSA ENERGY ACQUISITION CORP UNIT EX 103126
ALV	AUTOLIV INC COM
ALX	ALEXANDERS INC COM
ALXN	ALEXION PHARMACEUTICALS INC COM
ALYA	ALITHYA GROUP INC CL A SUB VTG
AM	ANTERO MIDSTREAM CORP COM
AMAG	AMAG PHARMACEUTICALS INC COM
AMAL	AMALGAMATED BK NEW YORK N Y CLASS A
AMAT	APPLIED MATLS INC COM
AMBA	AMBARELLA INC SHS
AMBC	AMBAC FINL GROUP INC COM NEW
AMBC+	AMBAC FINL GROUP INC WT EXP 043023
AMBO	AMBOW ED HLDG LTD SPONSORED ADS
AMC	AMC ENTMT HLDGS INC CL A COM
AMCA	ISHARES TR RUSSELL 1000 US
AMCI	AMCI ACQUISITION CORP CLASS A
AMCIU	AMCI ACQUISITION CORP UNIT EXP 010719
AMCIW	AMCI ACQUISITION CORP WT EXP 052025
AMCR	AMCOR PLC ORD
AMCX	AMC NETWORKS INC CL A
AMD	ADVANCED MICRO DEVICES INC COM
AME	AMETEK INC COM
AMED	AMEDISYS INC COM
AMEH	APOLLO MED HLDGS INC COM NEW
AMG	AFFILIATED MANAGERS GROUP INC COM

AMGN	AMGEN INC COM
AMH	AMERICAN HOMES 4 RENT CL A
AMH-D	AMERICAN HOMES 4 RENT RED PFD SER D
AMH-E	AMERICAN HOMES 4 RENT PFD CUM RED E
AMH-F	AMERICAN HOMES 4 RENT CM RED PFD SHS F
AMH-G	AMERICAN HOMES 4 RENT 5.875% CUM PFD G
AMH-H	AMERICAN HOMES 4 RENT 6.25% CUM PFD H
AMHC	AMPLITUDE HLTHCRE AQUSTIN CORP COM CL A
AMHCU	AMPLITUDE HLTHCRE AQUSTIN CORP UNIT EXP 120126
AMHCW	AMPLITUDE HLTHCRE AQUSTIN CORP WT EXP 120126
AMJ	JPMORGAN CHASE & CO ALERIAN ML ETN
AMK	ASSETMARK FINL HLDGS INC COM
AMKR	AMKOR TECHNOLOGY INC COM
AMPLP	ALPS ETF TR ALERIAN MLP
AMN	AMN HEALTHCARE SVCS INC COM
AMNB	AMERICAN NATL BANKSHARES INC COM
AMOM	EXCHANGE LISTED FDS TR QRAFT AI US MMTM
AMOT	ALLIED MOTION TECHNOLOGIES INC COM
AMOV	AMERICA MOVIL SAB DE CV SPONSORED ADR
AMP	AMERIPRISE FINL INC COM
AMPE	AMPIO PHARMACEUTICALS INC COM
AMPH	AMPHASTAR PHARMACEUTICALS INC COM
AMPY	AMPLIFY ENERGY CORP NEW COM
AMRB	AMERICAN RIVER BANKSHARES COM
AMRC	AMERESCO INC CL A
AMRH	AMERI HLDGS INC COM NEW
AMRHW	AMERI HLDGS INC WT EXP 110823
AMRK	A MARK PRECIOUS METALS INC COM
AMRN	AMARIN CORP PLC SPONS ADR NEW
AMRS	AMYRIS INC COM NEW
AMRX	AMNEAL PHARMACEUTICALS INC COM STK CL A
AMS	AMERICAN SHARED HOSPITAL SVCS COM
AMSC	AMERICAN SUPERCONDUCTOR CORP SHS NEW
AMSF	AMERISAFE INC COM

AMSWA	AMERICAN SOFTWARE INC CL A
AMT	AMERICAN TOWER CORP NEW COM
AMTB	AMERANT BANCORP INC CL A
AMTBB	AMERANT BANCORP INC CL B
AMTD	TD AMERITRADE HLDG CORP COM
AMTI	APPLIED MOLECULAR TRANS INC COM
AMTX	AEMETIS INC COM NEW
AMU	UBS AG LONDON BRANCH ETRAC ALER MLP
AMUB	UBS AG LONDON BRANCH ETRACS ALERIAN M
AMWD	AMERICAN WOODMARK CORPORATION COM
AMX	AMERICA MOVIL SAB DE CV SPON ADR L SHS
AMZA	ETFIS SER TR I INFRAC ACT MLP
AMZN	AMAZON COM INC COM
AN	AUTONATION INC COM
ANAB	ANAPTYSBIO INC COM
ANAT	AMERICAN NATL INS CO COM
ANCN	ANCHIANO THERAPEUTICS LTD SPONSORED ADS
ANDA	ANDINA ACQUISITION CORP III SHS
ANDAR	ANDINA ACQUISITION CORP III RT
ANDAU	ANDINA ACQUISITION CORP III UNIT EX 092420
ANDAW	ANDINA ACQUISITION CORP III WT EXP 073125
ANDE	ANDERSONS INC COM
ANET	ARISTA NETWORKS INC COM
ANF	ABERCROMBIE & FITCH CO CL A
ANGI	ANGI HOMESERVICES INC COM CL A
ANGL	VANECK VECTORS ETF TR FALLEN ANGEL HG
ANGO	ANGIODYNAMICS INC COM
ANH	ANWORTH MTG ASSET CORP COM
ANH-A	ANWORTH MTG ASSET CORP PFD A 8.625%
ANH-B	ANWORTH MTG ASSET CORP 6.25 CNV PFD B
ANH-C	ANWORTH MTG ASSET CORP PFD SER C 7.625%
ANIK	ANIKA THERAPEUTICS INC COM
ANIP	ANI PHARMACEUTICALS INC COM
ANIX	ANIXA BIOSCIENCES INC COM

ANPC	ANPAC BIO MED SCIENCE CO LTD SPONSORED ADS
ANSS	ANSYS INC COM
ANTE	AIRNET TECHNOLOGY INC SPONSORED ADS
ANTM	ANTHEM INC COM
ANVS	ANNOVIS BIO INC COM
ANY	SPHERE 3D CORP NEW COM
AOA	ISHARES TR AGGRES ALLOC ETF
AOD	ABERDEEN TOTAL DYNAMIC DIVD FD COM SH BEN INT
AOK	ISHARES TR CONSER ALLOC ETF
AOM	ISHARES TR MODERT ALLOC ETF
AON	AON PLC SHS CL A
AOR	ISHARES TR GRWT ALLOCAT ETF
AOS	SMITH A O CORP COM
AOSL	ALPHA & OMEGA SEMICONDUCTOR LT SHS
AP	AMPCO-PITTSBURGH CORP COM
APA	APACHE CORP COM
APAM	ARTISAN PARTNERS ASSET MGMT IN CL A
APD	AIR PRODS & CHEMS INC COM
APDN	APPLIED DNA SCIENCES INC COM
APEI	AMERICAN PUBLIC EDUCATION INC COM
APEN	APOLLO ENDOSURGERY INC COM
APEX	APEX GLOBAL BRANDS INC COM NEW
APG	API GROUP CORP COM STK
APH	AMPHENOL CORP NEW CL A
APHA	APHRIA INC COM
APLE	APPLE HOSPITALITY REIT INC COM NEW
APLS	APELLIS PHARMACEUTICALS INC COM
APLT	APPLIED THERAPEUTICS INC COM
APM	APTORUM GROUP LIMITED CL A ORD SHS
APO	APOLLO GLOBAL MGMT INC COM CL A
APO-A	APOLLO GLOBAL MGMT INC 6.375% PFD SER A
APO-B	APOLLO GLOBAL MGMT INC 6.375% PFD SER B
APOG	APOGEE ENTERPRISES INC COM
APOP	CELLECT BIOTECHNOLOGY LTD SPONSORD ADS NEW

APOPW	CELLECT BIOTECHNOLOGY LTD WT EXP 080321
APPF	APPFOLIO INC COM CL A
APPN	APPIAN CORP CL A
APPS	DIGITAL TURBINE INC COM NEW
APRE	APREA THERAPEUTICS INC COM
APRN	BLUE APRON HLDGS INC CL A NEW
APT	ALPHA PRO TECH LTD COM
APTO	APTOSE BIOSCIENCES INC COM NEW
APTS	PREFERRED APT CMNTYS INC COM
APTV	APTIV PLC SHS
APTV-A	APTIV PLC 5.5% CNV PFD A
APTX	APTINYX INC COM
APVO	APTEVO THERAPEUTICS INC COM NEW
APWC	ASIA PACIFIC WIRE & CABLE CORP ORD
APXT	APEX TECHNOLOGY ACQUISITION CO COM CL A
APXTU	APEX TECHNOLOGY ACQUISITION CO UNIT EX 061126
APXTW	APEX TECHNOLOGY ACQUISITION CO WT EXP 091826
APYX	APYX MED CORP COM
AQB	AQUABOUTY TECHNOLOGIES INC COM NEW
AQMS	AQUA METALS INC COM
AQN	ALGONQUIN PWR UTILS CORP COM
AQNA	ALGONQUIN PWR UTILS CORP 6.875 SB NT A 78
AQNB	ALGONQUIN PWR UTILS CORP SUB NT A 19
AQST	AQUESTIVE THERAPEUTICS INC COM
AQUA	EVOQUA WATER TECHNOLOGIES CORP COM
AR	ANTERO RESOURCES CORP COM
ARA	AMERICAN RENAL ASSOCS HLDGS COM
ARAV	ARAVIVE INC COM
ARAY	ACCURAY INC COM
ARB	ALTSHARES TRUST MERGER ARBITRAGE
ARC	ARC DOCUMENT SOLUTIONS INC COM
ARCB	ARCBEST CORP COM
ARCC	ARES CAPITAL CORP COM
ARCE	ARCO PLATFORM LTD COM CL A

ARCH	ARCH RESOURCES INC CL A
ARCO	ARCOS DORADOS HOLDINGS INC SHS CLASS -A -
ARCT	ARCTURUS THERAPEUTICS HLDG INC COM
ARD	ARDAGH GROUP S A CL A
ARDC	ARES DYNAMIC CR ALLOCATION FD COM
ARDS	ARIDIS PHARMACEUTICALS INC COM
ARDX	ARDELYX INC COM
ARE	ALEXANDRIA REAL ESTATE EQ INC COM
AREC	AMERICAN RES CORP CL A
ARES	ARES MANAGEMENT CORPORATION CL A COM STK
ARES-A	ARES MANAGEMENT CORPORATION 7% SER A PFD STK
ARGD	ARGO GROUP US INC 6.5% SR NTS 42
ARGO	ARGO GROUP INTL HLDGS LTD COM
ARGT	GLOBAL X FDS GB MSCI AR ETF
ARGX	ARGENX SE SPONSORED ADR
ARI	APOLLO COML REAL EST FIN INC COM
ARKF	ARK ETF TR FINTECH INNOVA
ARKK	ARK ETF TR INNOVATION ETF
ARKR	ARK RESTAURANTS CORP COM
ARKW	ARK ETF TR NEXT GNRTN INTER
ARL	AMERICAN RLTY INVS INC COM
ARLO	ARLO TECHNOLOGIES INC COM
ARLP	ALLIANCE RES PARTNER L P UT LTD PART
ARMK	ARAMARK COM
ARMP	ARMATA PHARMACEUTICALS INC COM
ARMR	EXCHANGE LISTED FDS TR ARMOR US EQT IDX
ARNA	ARENA PHARMACEUTICALS INC COM NEW
ARNC	ARCONIC CORPORATION COM
AROC	ARCHROCK INC COM
AROW	ARROW FINL CORP COM
ARPO	AERPIO PHARMACEUTICALS INC COM
ARQT	ARCUTIS BIOTHERAPEUTICS INC COM
ARR	ARMOUR RESIDENTIAL REIT INC COM NEW
ARR-C	ARMOUR RESIDENTIAL REIT INC 7% CUM PFD C

ARTL	ARTELO BIOSCIENCES INC COM NEW
ARTLW	ARTELO BIOSCIENCES INC WT EXP 062524
ARTNA	ARTESIAN RESOURCES CORP CL A
ARTW	ARTS WAY MFG INC COM
ARVN	ARVINAS INC COM
ARW	ARROW ELECTRS INC COM
ARWR	ARROWHEAD PHARMACEUTICALS INC COM
ARYA	ARYA SCIENCES ACQUISITION CORP SHS CL A
ARYAU	ARYA SCIENCES ACQUISITION CORP UNIT EX 100423
ARYAW	ARYA SCIENCES ACQUISITION CORP WT EXP 101025
ARYBU	ARYA SCIENCES ACQUISTION CO II UNIT EXP 060927
ASA	ASA GOLD AND PRECIOUS MTLs LMT SHS
ASB	ASSOCIATED BANC CORP COM
ASB-C	ASSOCIATED BANC CORP DEP SHS 1/40 C
ASB-D	ASSOCIATED BANC CORP DEP PFD NONCUM D
ASB-E	ASSOCIATED BANC CORP DEP SHS PFD E
ASB-F	ASSOCIATED BANC CORP 5.625 DP PF SR F
ASC	ARDMORE SHIPPING CORP COM
ASEA	GLOBAL X FDS GBL X FTSE ETF
ASET	FLEXSHARES TR REAL ASST IDX
ASFI	ASTA FDG INC COM
ASG	LIBERTY ALL-STAR GROWTH FD INC COM
ASGN	ASGN INC COM
ASH	ASHLAND GLOBAL HLDGS INC COM
ASHR	DBX ETF TR XTRACK HRVST CSI
ASHS	DBX ETF TR XTRACK CSI 500 A
ASHX	DBX ETF TR XTRACK MSCI CHIN
ASIX	ADVANSIX INC COM
ASLN	ASLAN PHARMACEUTICALS LTD ADS
ASM	AVINO SILVER & GOLD MINES LTD COM
ASMB	ASSEMBLY BIOSCIENCES INC COM
ASML	ASML HOLDING N V N Y REGISTRY SHS
ASNA	ASCENA RETAIL GROUP INC COM NEW
ASND	ASCENDIS PHARMA A S SPONSORED ADR

ASPN	ASPEN AEROGELS INC COM
ASPS	ALTISOURCE PORTFOLIO SOLNS SA REG SHS
ASPU	ASPEN GROUP INC COM NEW
ASR	GRUPO AEROPORTUARIO DEL SUREST SPON ADR SER B
ASRT	ASSERTIO HOLDINGS INC COM
ASRV	AMERISERV FINL INC COM
ASRVP	AMERISERV FINL CAP TR I PFD A GTD 8.45
ASTC	ASTROTECH CORP COM NEW
ASTE	ASTEC INDS INC COM
ASUR	ASURE SOFTWARE INC COM
ASX	ASE TECHNOLOGY HOLDING CO LTD SPONSORED ADS
ASYS	AMTECH SYS INC COM PAR \$0.01N
AT	ATLANTIC POWER CORP COM NEW
ATAX	AMERICA FIRST MULTIFAMILY INV BEN UNIT CTF
ATCO	ATLAS CORP SHS
ATCO-D	ATLAS CORP 7.95% CUM PFD D
ATCO-E	ATLAS CORP 8.25% CUM PFD E
ATCO-G	ATLAS CORP 8.20% CUM PFD G
ATCO-H	ATLAS CORP 7.875% CUM PFD H
ATCO-I	ATLAS CORP FIX FLT CM PFD I
ATCX	ATLAS TECHNICAL CONSULTANTS IN COM CL A
ATCXW	ATLAS TECHNICAL CONSULTANTS IN WT EXP 112625
ATEC	ALPHATEC HLDGS INC COM NEW
ATEN	A10 NETWORKS INC COM
ATEX	ANTERIX INC COM
ATGE	ADTALEM GLOBAL ED INC COM
ATH	ATHENE HLDG LTD CL A
ATH-A	ATHENE HLDG LTD 6.35 DP SH PFD A
ATH-B	ATHENE HOLDING LTD 5.625 DPRP PFD B
ATH-C	ATHENE HOLDING LTD 6.375 DP PF C
ATHE	ALTERITY THERAPEUTICS LTD SPONSORED ADR
ATHM	AUTOHOME INC SP ADR RP CL A
ATHX	ATHERSYS INC NEW COM
ATI	ALLEGHENY TECHNOLOGIES INC COM

ATIF	ATIF HOLDINGS LIMITED SHS
ATKR	ATKORE INTL GROUP INC COM
ATLC	ATLANTICUS HLDGS CORP COM
ATLO	AMES NATL CORP COM
ATNI	ATN INTL INC COM
ATNM	ACTINIUM PHARMACEUTICALS INC COM
ATNX	ATHENEX INC COM
ATO	ATMOS ENERGY CORP COM
ATOM	ATOMERA INC COM
ATOS	ATOSSA THERAPEUTICS INC COM
ATR	APTARGROUP INC COM
ATRA	ATARA BIOTHERAPEUTICS INC COM
ATRC	ATRICURE INC COM
ATRI	ATRION CORP COM
ATRO	ASTRONICS CORP COM
ATRS	ANTARES PHARMA INC COM
ATSG	AIR TRANSPORT SERVICES GRP INC COM
ATTO	ATENTO S A SHS
ATUS	ALTICE USA INC CL A
ATV	ACORN INTL INC SPONSORD ADR NEW
ATVI	ACTIVISION BLIZZARD INC COM
ATXI	AVENUE THERAPEUTICS INC COM NEW
AU	ANGLOGOLD ASHANTI LIMITED SPONSORED ADR
AUB	ATLANTIC UN BANKSHARES CORP COM
AUBAP	ATLANTIC UN BANKSHARES CORP 6.875% DEP PFD A
AUBN	AUBURN NATL BANCORP COM
AUDC	AUDICODES LTD ORD
AUG	AURYN RES INC COM
AUMN	GOLDEN MINERALS CO COM
AUPH	AURINIA PHARMACEUTICALS INC COM
AUSF	GLOBAL X FDS ADAPTIVE US
AUTL	AUTOLUS THERAPEUTICS PLC SPON ADS
AUTO	AUTOWEB INC COM
AUY	YAMANA GOLD INC COM

AVA	AVISTA CORP COM
AVAL	GRUPO AVAL ACCIONES Y VALORES SPONSORED ADS
AVAV	AEROVIRONMENT INC COM
AVB	AVALONBAY CMNTYS INC COM
AVCO	AVALON GLOBOCARE CORP COM
AVCT	AMERICAN VRTUAL CLOUD TECH INC COM
AVCTW	AMERICAN VRTUAL CLOUD TECH INC WT EXP 040725
AVD	AMERICAN VANGUARD CORP COM
AVDE	AMERICAN CENTY ETF TR INTL EQT ETF
AVDL	AVADEL PHARMACEUTICALS PLC SPONSORED ADR
AVDV	AMERICAN CENTY ETF TR INTL SMCP VLU
AVEM	AMERICAN CENTY ETF TR AVANTIS EMGMKT
AVEO	AVEO PHARMACEUTICALS INC COM NEW
AVGO	BROADCOM INC COM
AVGOP	BROADCOM INC 8% MCNV PFD SR A
AVGR	AVINGER INC COM
AVID	AVID TECHNOLOGY INC COM
AVK	ADVENT CONVERTIBLE & INCOME FD COM
AVLR	AVALARA INC COM
AVNS	AVANOS MED INC COM
AVNW	AVIAT NETWORKS INC COM NEW
AVRO	AVROBIO INC COM
AVT	AVNET INC COM
AVTR	AVANTOR INC COM
AVTR-A	AVANTOR INC 6.25 PFD CNV SR
AVUS	AMERICAN CENTY ETF TR US EQT ETF
AVUV	AMERICAN CENTY ETF TR US SML CP VALU
AVXL	ANAVEX LIFE SCIENCES CORP COM NEW
AVY	AVERY DENNISON CORP COM
AVYA	AVAYA HLDGS CORP COM
AWAY	ETF MANAGERS TR ETFMG TRAVEL TEC
AWF	ALLIANCEBERNSTEIN GLOBAL HIGH COM
AWH	ASPIRA WOMENS HEALTH INC COM
AWI	ARMSTRONG WORLD INDS INC COM

AWK	AMERICAN WTR WKS CO INC NEW COM
AWP	ABERDEEN GLOBAL PREMIER PPTYS COM SH BEN INT
AWR	AMER STATES WTR CO COM
AWRE	AWARE INC MASS COM
AWTM	TIDAL ETF TR AWARE ULTRASHR
AWX	AVALON HLDGS CORP CL A
AX	AXOS FINANCIAL INC COM
AXAS	ABRAXAS PETE CORP COM
AXDX	ACCELERATE DIAGNOSTICS INC COM
AXE	ANIXTER INTL INC COM
AXGN	AXOGEN INC COM
AXGT	AXOVANT GENE THERAPIES COM
AXL	AMERICAN AXLE & MFG HLDGS INC COM
AXLA	AXCELLA HEALTH INC COM
AXNX	AXONICS MODULATION TECHNOLOGIE COM
AXO	AXOS FINANCIAL INC 6.250% SB NT 26
AXP	AMERICAN EXPRESS CO COM
AXR	AMREP CORP NEW COM
AXS	AXIS CAPITAL HOLDINGS LTD SHS
AXS-E	AXIS CAP HLDGS LTD DEP SHS PFD E
AXSM	AXSOME THERAPEUTICS INC COM
AXTA	AXALTA COATING SYS LTD COM
AXTI	AXT INC COM
AXU	ALEXCO RESOURCE CORP COM
AY	ATLANTICA SUSTAINABLE INFR PLC SHS
AYI	ACUITY BRANDS INC COM
AYLA	AYALA PHARMACEUTICALS INC COM
AYRO	AYRO INC COM
AYTU	AYTU BIOSCIENCE INC COM PAR
AYX	ALTERYX INC COM CL A
AZAA	AIM ETF PRODUCTS TRUST US LRG CP BUF10
AZBA	AIM ETF PRODUCTS TRUST US LRG CP BUF20
AZEK	AZEK CO INC CL A
AZN	ASTRAZENECA PLC SPONSORED ADR

AZO	AUTOZONE INC COM
AZPN	ASPEN TECHNOLOGY INC COM
AZRE	AZURE PWR GLOBAL LTD SHS
AZRX	AZURRX BIOPHARMA INC COM
AZUL	AZUL S A SPONSR ADR PFD
AZZ	AZZ INC COM
B	BARNES GROUP INC COM
BA	BOEING CO COM
BAB	INVESCO EXCHANGE-TRADED FD TR TAXABLE MUN BD
BABA	ALIBABA GROUP HLDG LTD SPONSORED ADS
BAC	BK OF AMERICA CORP COM
BAC-A	BK OF AMERICA CORP DEP SHS PFD EE
BAC-B	BK OF AMERICA CORP 6% DEP RP PFD GG
BAC-C	BK OF AMERICA CORP PFD CUM SER C
BAC-E	BK OF AMERICA CORP PFD PER1/1000E
BAC-K	BK OF AMERICA CORP DEP SHS PFD HH
BAC-L	BK OF AMERICA CORP 7.25%CNV PFD L
BAC-M	BK OF AMERICA CORP 5.375 DP PFD KK
BAC-N	BK OF AMERICA CORP 5% DEP RP PFD LL
BAF	BLACKROCK MUNI INCOME INV QLTY COM
BAH	BOOZ ALLEN HAMILTON HLDG CORP CL A
BAK	BRASKEM S A SP ADR PFD A
BAL	BARCLAYS BK PLC IPATH B COTTON
BAM	BROOKFIELD ASSET MGMT INC CL A LTD VT SH
BANC	BANC OF CALIFORNIA INC COM
BANC-D	BANC OF CALIFORNIA INC DEP SHS SER-D
BANC-E	BANC OF CALIFORNIA INC DEP SHS REPSTG
BAND	BANDWIDTH INC COM CL A
BANF	BANCFIRST CORP COM
BANFP	BFC CAP TR II PFD TR 7.20%
BANR	BANNER CORP COM NEW
BANX	STONECASTLE FINL CORP COM
BAP	CREDICORP LTD COM
BAR	GRANITESHARES GOLD TR SHS BEN INT

BASI	BIOANALYTICAL SYS INC COM
BATL	BATTALION OIL CORP COM
BATRA	LIBERTY MEDIA CORP DEL COM A BRAVES GRP
BATRK	LIBERTY MEDIA CORP DEL COM C BRAVES GRP
BATT	AMPLIFY ETF TR ADVANCED BATTERY
BAX	BAXTER INTL INC COM
BB	BLACKBERRY LTD COM
BBAR	BANCO BBVA ARGENTINA S A SPONSORED ADS
BBBY	BED BATH & BEYOND INC COM
BBC	ETFIS SER TR I VIRTUS LIFESC CT
BBCP	CONCRETE PUMPING HLDGS INC COM
BBD	BANCO BRADESCO S A SP ADR PFD NEW
BBDC	BARINGS BDC INC COM
BBDO	BANCO BRADESCO S A SPONSORED ADR
BBF	BLACKROCK MUN INCOME INVTR SHS BEN INT
BBGI	BEASLEY BROADCAST GROUP INC CL A
BBH	VANECK VECTORS ETF TR BIOTECH ETF
BBI	BRICKELL BIOTECH INC COM
BBIO	BRIDGEBIO PHARMA INC COM
BBK	BLACKROCK MUN BD TR COM
BBL	BHP GROUP PLC SPONSORED ADR
BBMC	J P MORGAN EXCHANGE-TRADED FD BETABUILDERS US
BBN	BLACKROCK TAX MUNICIPAL BD TR SHS
BBP	ETFIS SER TR I VIRTUS LIFESC BT
BBQ	BBQ HLDGS INC COM
BBSI	BARRETT BUSINESS SVCS INC COM
BBU	BROOKFIELD BUSINESS PARTNERS L UNIT LTD LP
BBVA	BANCO BILBAO VIZCAYA ARGENTARI SPONSORED ADR
BBW	BUILD A BEAR WORKSHOP COM
BBX	BBX CAP CORP NEW CL A
BBY	BEST BUY INC COM
BC	BRUNSWICK CORP COM
BC-A	BRUNSWICK CORP 6.5% SR NOTES 48
BC-B	BRUNSWICK CORP 6.625% SR NT49

BC-C	BRUNSWICK CORP 6.375 SR NT 49
BCBP	BCB BANCORP INC COM
BCC	BOISE CASCADE CO DEL COM
BCD	ETFS TR BBRG ALL LNGR K1
BCDA	BIOCARDIA INC COM
BCDAW	BIOCARDIA INC WT EXP 080624
BCE	BCE INC COM NEW
BCEI	BONANZA CREEK ENERGY INC COM NEW
BCEL	ATRECA INC CL A COM
BCH	BANCO DE CHILE SPONSORED ADS
BCI	ETFS TR BBRG ALL COMD K1
BCLI	BRAINSTORM CELL THERAPEUTICS I COM NEW
BCM	BARCLAYS BANK PLC IPTH PURE BRD
BCML	BAYCOM CORP COM
BCO	BRINKS CO COM
BCOM	B COMMUNICATIONS LTD SHS
BCOR	BLUCORA INC COM
BCOV	BRIGHTCOVE INC COM
BCOW	1895 BANCORP OF WIS INC COM
BCPC	BALCHEM CORP COM
BCRX	BIOCRYST PHARMACEUTICALS INC COM
BCS	BARCLAYS PLC ADR
BCSF	BAIN CAP SPECIALTY FIN INC COM STK
BCTF	BANCORP 34 INC COM
BCV	BANCROFT FD LTD COM
BCV-A	BANCROFT FD LTD PFD CUM SER A
BCX	BLACKROCK RES & COMMODITIES ST SHS
BCYC	BICYCLE THERAPEUTICS PLC SPONSORED ADS
BDC	BELDEN INC COM
BDCS	UBS AG JERSEY BRH ETRAC WELLS BDCI
BDCX	UBS AG LONDON BRANCH ETRACS LKD ETN
BDCY	UBS AG LONDON BRANCH ETRACS 2XMNT ETN
BDCZ	UBS AG LONDON BRANCH ETRACS WF BUS DE
BDGE	BRIDGE BANCORP INC COM

BDJ	BLACKROCK ENHANCED EQUITY DIVI COM
BDL	FLANIGANS ENTERPRISES INC COM
BDN	BRANDYWINE RLTY TR SH BEN INT NEW
BDR	BLONDER TONGUE LABS INC COM
BDRY	ETF MANAGERS GROUP COMMODITY T BREAKWAVE DRY
BDSI	BIODELIVERY SCIENCES INTL INC COM
BDTX	BLACK DIAMOND THERAPEUTICS INC COM
BDX	BECTON DICKINSON & CO COM
BDXB	BECTON DICKINSON & CO 6% DP CONV PFD B
BE	BLOOM ENERGY CORP COM CL A
BEAM	BEAM THERAPEUTICS INC COM
BEAT	BIOTELEMETRY INC COM
BECN	BEACON ROOFING SUPPLY INC COM
BEDU	BRIGHT SCHOLAR ED HLDGS LTD SPONSORED ADS
BELFA	BEL FUSE INC CL A
BELFB	BEL FUSE INC CL B
BEN	FRANKLIN RESOURCES INC COM
BEP	BROOKFIELD RENEWABLE PARTNERS PARTNERSHIP UNIT
BEP-A	BROOKFIELD RENEWABLE PARTNERS 5.25% PFD CL A
BERY	BERRY GLOBAL GROUP INC COM
BEST	BEST INC SPONSORED ADS
BETZ	LISTED FD TR ROUNDHILL SPORTS
BF.A	BROWN FORMAN CORP CL A
BF.B	BROWN FORMAN CORP CL B
BFAM	BRIGHT HORIZONS FAM SOL IN DEL COM
BFC	BANK FIRST CORP COM
BFIN	BANKFINANCIAL CORP COM
BFIT	GLOBAL X FDS HELTH WELL ETF
BFK	BLACKROCK MUN INCOME TR SH BEN INT
BFO	BLACKROCK FLA MUN 2020 TERM TR COM SHS
BFOR	ALPS ETF TR BARRONS 400 ETF
BFRA	BIOFRONTERA AG SPONSORED ADS
BFS	SAUL CTRS INC COM
BFS-D	SAUL CTRS INC 6.125% PFD CUM D

BFS-E	SAUL CTRS INC 6% CUM PFD E
BFST	BUSINESS FIRST BANCSHARES INC COM
BFY	BLACKROCK NY MUN INCOME TR II COM
BFYT	BENEFYTT TECHNOLOGIES INC COM CL A
BFZ	BLACKROCK CALIF MUN INCOME TR SH BEN INT
BG	BUNGE LIMITED COM
BGB	BLACKSTONE GSO STRATEGIC CR FD COM SHS BEN IN
BGCP	BGC PARTNERS INC CL A
BGFV	BIG 5 SPORTING GOODS CORP COM
BGG	BRIGGS & STRATTON CORP COM
BGH	BARINGS GLOBAL SHORT DURATION COM
BGI	BIRKS GROUP INC CL A COM
BGIO	BLACKROCK 2022 GLOBAL INCOME O COM
BGNE	BEIGENE LTD SPONSORED ADR
BGR	BLACKROCK ENERGY & RES TR COM
BGRN	ISHARES TR GBL GREEN ETF
BGS	B & G FOODS INC NEW COM
BGSF	BG STAFFING INC COM
BGT	BLACKROCK FLOATING RATE INCOME COM
BGX	BLACKSTONE GSO LNG SHRT CR INC COM SHS BN INT
BGY	BLACKROCK ENHANCED INTL DIV TR COM BENE INTER
BH	BIGLARI HLDGS INC COM STK CL B
BH.A	BIGLARI HLDGS INC COM STK CL A
BHAT	BLUE HAT INTERACTIVE ENTMT TEC SHS
BHB	BAR HBR BANKSHARES COM
BHC	BAUSCH HEALTH COS INC COM
BHE	BENCHMARK ELECTRS INC COM
BHF	BRIGHTHOUSE FINL INC COM
BHFAL	BRIGHTHOUSE FINL INC 6.25 NT 58
BHFAO	BRIGHTHOUSE FINL INC 6.75 DP SHS PF B
BHFAP	BRIGHTHOUSE FINL INC 6.6% DP PFD A
BHK	BLACKROCK CORE BD TR SHS BEN INT
BHLB	BERKSHIRE HILLS BANCORP INC COM
BHP	BHP GROUP LTD SPONSORED ADS

BHR	BRAEMAR HOTELS & RESORTS INC COM
BHR-B	BRAEMAR HOTELS & RESORTS INC 5.5 CUM CV PFD B
BHR-D	BRAEMAR HOTELS & RESORTS INC 8.25 PFD SER D
BHTG	BIOHITECH GLOBAL INC COM
BHV	BLACKROCK VA MUNICIPAL BOND TR COM
BHVN	BIOHAVEN PHARMACTL HLDG CO LTD COM
BIB	PROSHARES TR PSHS ULT NASB
BIBL	NORTHERN LTS FD TR IV INSPIRE 100ETF
BICK	FIRST TR BICK INDEX FD COM SHS
BIDU	BAIDU INC SPON ADR REP A
BIF	BOULDER GROWTH & INCOME FD INC COM
BIG	BIG LOTS INC COM
BIIB	BIOGEN INC COM
BIL	SPDR SER TR SPDR BLOOMBERG
BILI	BILIBILI INC SPONS ADS REP Z
BILL	BILL COM HLDGS INC COM
BIMI	BOQI INTL MED INC COM
BIO	BIO RAD LABS INC CL A
BIO.B	BIO RAD LABS INC CL B
BIOC	BIOCEPT INC COM
BIOL	BIOLASE INC COM NEW
BIOX	BIOCERES CROP SOLUTIONS CORP SHS
BIOX+	BIOCERES CROP SOLUTIONS CORP WT EXP 031424
BIP	BROOKFIELD INFRAST PARTNERS LP LP INT UNIT
BIPC	BROOKFIELD INFRASTRUCTURE CORP COM SB VTG SHS A
BIS	PROSHARES TR ULTSH NASD BIOT
BIT	BLACKROCK MULTI-SECTOR INC TR COM
BITA	BITAUTO HLDGS LTD SPONSORED ADS
BIV	VANGUARD BD INDEX FDS INTERMED TERM
BIZD	VANECK VECTORS ETF TR BDC INCOME ETF
BJ	BJS WHSL CLUB HLDGS INC COM
BJK	VANECK VECTORS ETF TR GAMING ETF
BJRI	BJS RESTAURANTS INC COM
BK	BANK NEW YORK MELLON CORP COM

BK-C	BANK NEW YORK MELLON CORP DP1/4000 PFD-C
BKAG	BNY MELLON ETF TRUST CORE BOND ETF
BKCC	BLACKROCK CAP INVT CORP COM
BKD	BROOKDALE SR LIVING INC COM
BKE	BUCKLE INC COM
BKEM	BNY MELLON ETF TRUST EMRG MKT EQUIT
BKEP	BLUEKNIGHT ENERGY PARTNERS L P COM UNIT
BKEPP	BLUEKNIGHT ENERGY PARTNERS L P PFD UNIT SER A
BKF	ISHARES INC MSCI BRIC INDX
BKH	BLACK HILLS CORP COM
BKHY	BNY MELLON ETF TRUST HIGH YIELD BETA
BKI	BLACK KNIGHT INC COM
BKIE	BNY MELLON ETF TRUST INTERNATIONAL EQT
BKK	BLACKROCK MUN 2020 TERM TR COM SHS
BKLC	BNY MELLON ETF TRUST US LRG CP CORE
BKLN	INVESCO EXCHANGE-TRADED FD TR SR LN ETF
BKMC	BNY MELLON ETF TRUST US MDCP CORE EQT
BKN	BLACKROCK INVT QUALITY MUN TR COM
BKNG	BOOKING HOLDINGS INC COM
BKR	BAKER HUGHES COMPANY CL A
BKSB	BNY MELLON ETF TRUST SHRT DUR CORP BD
BKSC	BANK SOUTH CAROLINA CORP COM
BKSE	BNY MELLON ETF TRUST US SMLCP CORE
BKT	BLACKROCK INCOME TR INC COM
BKTI	BK TECHNOLOGIES CORPORATION COM
BKU	BANKUNITED INC COM
BKYI	BIO-KEY INTL INC COM
BL	BLACKLINE INC COM
BLBD	BLUE BIRD CORP COM
BLCM	BELLICUM PHARMACEUTICALS INC COM NEW
BLCN	REALITY SHS ETF TR NSD NXGN ECO ETF
BLD	TOPBUILD CORP COM
BLDP	BALLARD PWR SYS INC NEW COM
BLDR	BUILDERS FIRSTSOURCE INC COM

BLE	BLACKROCK MUNI INCOME TR II COM
BLES	NORTHERN LTS FD TR IV INSPIRE GBL HOPE
BLFS	BIOLIFE SOLUTIONS INC COM NEW
BLHY	VIRTUS ETF TR II VIRTUS DYNMC ETF
BLIN	BRIDGELINE DIGITAL INC COM
BLK	BLACKROCK INC COM
BLKB	BLACKBAUD INC COM
BLL	BALL CORP COM
BLMN	BLOOMIN BRANDS INC COM
BLNK	BLINK CHARGING CO COM
BLNKW	BLINK CHARGING CO WT EXP 013123
BLOK	AMPLIFY ETF TR BLOCKCHAIN LDR
BLPH	BELLEROPHON THERAPEUTICS INC COM NEW
BLRX	BIOLINERX LTD SPONSORED ADS
BLU	BELLUS HEALTH INC NEW COM NEW
BLUE	BLUEBIRD BIO INC COM
BLV	VANGUARD BD INDEX FDS LONG TERM BOND
BLW	BLACKROCK LTD DURATION INC TR COM SHS
BLX	BANCO LATINOAMERICANO DE COME SHS E
BMA	BANCO MACRO SA SPON ADR B
BMCH	BMC STK HLDGS INC COM
BME	BLACKROCK HEALTH SCIENCES TR COM
BMEZ	BLACKROCK HEALTH SCIENCES TR II COM SHS
BMI	BADGER METER INC COM
BML-G	BK OF AMERICA CORP PFD1/1200 SR1
BML-H	BK OF AMERICA CORP PFD 1/1200SER2
BML-J	BK OF AMERICA CORP PFD DP1/1200 4
BML-L	BK OF AMERICA CORP PFD 1/1200SER5
BMLP	BANK OF MONTREAL DORSEY WRGHT MLP
BMO	BANK MONTREAL QUE COM
BMRA	BIOMERICA INC COM NEW
BMRC	BANK OF MARIN BANCORP COM
BMRG	B RILEY PRIN MERGER CORP II CL A
BMRG+	B RILEY PRIN MERGER CORP II WT EXP 050626

BMRG=	B RILEY PRIN MERGER CORP II UNIT
BMRN	BIOMARIN PHARMACEUTICAL INC COM
BMTC	BRYN MAWR BK CORP COM
BMY	BRISTOL-MYERS SQUIBB CO COM
BMYA	BRISTOL-MYERS SQUIBB CO CONTNGNT VAL RT
BND	VANGUARD BD INDEX FDS TOTAL BND MRKT
BNDC	FLEXSHARES TR CRE SLCT BD FD
BNDW	VANGUARD SCOTTSDALE FDS TOTAL WLD BD ETF
BNDX	VANGUARD CHARLOTTE FDS INTL BD IDX ETF
BNED	BARNES & NOBLE ED INC COM
BNFT	BENEFITFOCUS INC COM
BNGO	BIONANO GENOMICS INC COM
BNGOW	BIONANO GENOMICS INC WT EXP 082123
BNKD	BANK OF MONTREAL MCROSECTR 3XINVR
BNKO	BANK OF MONTREAL MICROSECTR 2X LVG
BNKU	BANK OF MONTREAL MICROSECTR 3X LVG
BNKZ	BANK OF MONTREAL MCROSECTR 2XINVR
BNO	UNITED STS BRENT OIL FD LP UNIT
BNR	BURNING ROCK BIOTECH LTD SPONSORED ADS
BNS	BANK NOVA SCOTIA B C COM
BNSO	BONSO ELECTRS INTL INC COM PAR \$0.003
BNTC	BENITEC BIOPHARMA INC COM
BNTX	BIONTECH SE SPONSORED ADS
BNY	BLACKROCK N Y MUN INCOME TR SH BEN INT
BOCH	BANK COMM HLDGS COM
BOE	BLACKROCK ENHANCED GLOBAL DIVI COM
BOH	BANK HAWAII CORP COM
BOIL	PROSHARES TR II ULTRA BLOOMBERG
BOKF	BOK FINL CORP COM NEW
BOKFL	BOK FINL CORP SUB NTS
BOMN	BOSTON OMAHA CORP COM
BOND	PIMCO ETF TR ACTIVE BD ETF
BOOM	DMC GLOBAL INC COM
BOOT	BOOT BARN HLDGS INC COM

BORR	BORR DRILLING LTD SHS
BOSC	BOS BETTER ONLINE SOLUTIONS SHS NEW NIS 80
BOTJ	BANK OF THE ST JAMES FINL GP COM
BOTZ	GLOBAL X FDS RBTCS ARTFL INTE
BOUT	INNOVATOR ETFS TR IBD BREAKOUT
BOX	BOX INC CL A
BOXL	BOXLIGHT CORP COM CL A
BP	BP PLC SPONSORED ADR
BPFH	BOSTON PRIVATE FINL HLDGS INC COM
BPMC	BLUEPRINT MEDICINES CORP COM
BPMP	BP MIDSTREAM PARTNERS LP UNIT LTD PTNR
BPOP	POPULAR INC COM NEW
BPOPM	POPULAR CAP TR II PFD GTD 6.125%
BPOPN	POPULAR CAP TR I PFD 6.70% GTD
BPRN	BANK PRINCETON NEW JERSEY COM
BPT	BP PRUDHOE BAY RTY TR UNIT BEN INT
BPTH	BIO PATH HOLDINGS INC COM
BPY	BROOKFIELD PROPERTY PARTRS LP UNIT LTD PARTN
BPYPN	BROOKFIELD PROPERTY PARTRS LP 5.75 CL A PF SR3
BPYPO	BROOKFIELD PROPERTY PARTRS LP 6.375 PFD 2 CL A
BPYPP	BROOKFIELD PROPERTY PARTRS LP 6.50 PF UNIT A 1
BPYU	BROOKFIELD PPTY REIT INC CL A
BPYUP	BROOKFIELD PPTY REIT INC 6.375% PFD A
BQH	BLACKROCK NY MUNICIPAL BOND TR COM
BR	BROADRIDGE FINL SOLUTIONS INC COM
BRBR	BELLRING BRANDS INC COM CL A
BRBS	BLUE RIDGE BANKSHARES INC VA COM
BRC	BRADY CORP CL A
BREW	CRAFT BREW ALLIANCE INC COM
BRF	VANECK VECTORS ETF TR BRAZIL SMALL CP
BRFS	BRF SA SPONSORED ADR
BRG	BLUEROCK RESIDENTIAL GWT REIT COM CL A
BRG-A	BLUEROCK RESIDENTIAL GWT REIT RED PFD SER A
BRG-C	BLUEROCK RESIDENTIAL GWT REIT PFD SER C

BRG-D	BLUEROCK RESIDENTIAL GWT REIT PFD SER D
BRID	BRIDGFORD FOODS CORP COM
BRK.A	BERKSHIRE HATHAWAY INC DEL CL A
BRK.B	BERKSHIRE HATHAWAY INC DEL CL B NEW
BRKL	BROOKLINE BANCORP INC DEL COM
BRKR	BRUKER CORP COM
BRKS	BROOKS AUTOMATION INC NEW COM
BRMK	BROADMARK RLTY CAP INC COM
BRMK+	BROADMARK RLTY CAP INC WT EXP 111524
BRN	BARNWELL INDS INC COM
BRO	BROWN & BROWN INC COM
BROG	BROOGE ENERGY LTD SHS
BROGW	BROOGE ENERGY LTD WT EXP 122024
BRP	BRP GROUP INC COM CL A
BRPA	BIG ROCK PARTNERS ACQUISI CORP COM
BRPAR	BIG ROCK PARTNERS ACQUISI CORP RT
BRPAU	BIG ROCK PARTNERS ACQUISI CORP UNIT EX 112022
BRPAW	BIG ROCK PARTNERS ACQUISI CORP WT EXP 120122
BRQS	BORQS TECHNOLOGIES INC SHS
BRT	BRT APARTMENTS CORP COM
BRX	BRIXMOR PPTY GROUP INC COM
BRY	BERRY CORP COM
BRZU	DIREXION SHS ETF TR BRZ BL 2X SHS
BSA	BRIGHTSPHERE INVT GROUP INC 5.125 NT 31
BSAC	BANCO SANTANDER CHILE NEW SP ADR REP COM
BSAE	INVESCO EXCH TRD SLF IDX FD TR BULLSHS 21 USD
BSBE	INVESCO EXCH TRD SLF IDX FD TR BULLSHS 22 USD
BSBK	BOGOTA FINL CORP COM
BSBR	BANCO SANTANDER BRASIL S A ADS REP 1 UNIT
BSCE	INVESCO EXCH TRD SLF IDX FD TR BULLSHS 23 USD
BSCK	INVESCO EXCH TRD SLF IDX FD TR BULSHS 2020 CB
BSCL	INVESCO EXCH TRD SLF IDX FD TR BULSHS 2021 CB
BSCM	INVESCO EXCH TRD SLF IDX FD TR BULSHS 2022 CB
BSCN	INVESCO EXCH TRD SLF IDX FD TR BULSHS 2023 CB

BSCO	INVESCO EXCH TRD SLF IDX FD TR BULSHS 2024 CB
BSCP	INVESCO EXCH TRD SLF IDX FD TR BULSHS 2025 CB
BSCQ	INVESCO EXCH TRD SLF IDX FD TR BULSHS 2026 CB
BSCR	INVESCO EXCH TRD SLF IDX FD TR BULSHS 2027 CB
BSCS	INVESCO EXCH TRD SLF IDX FD TR INVSCO BLSH 28
BSCT	INVESCO EXCH TRD SLF IDX FD TR BULETSHS 2029
BSD	BLACKROCK STRATEGIC MUN TR COM
BSDE	INVESCO EXCH TRD SLF IDX FD TR BULLSHS 24 USD
BSE	BLACKROCK NY MUNI INC QLTY TR COM
BSET	BASSETT FURNITURE INDS INC COM
BSGM	BIOSIG TECHNOLOGIES INC COM NEW
BSIG	BRIGHTSPHERE INVT GROUP INC COM
BSJK	INVESCO EXCH TRD SLF IDX FD TR BULSHS 2020 HY
BSJL	INVESCO EXCH TRD SLF IDX FD TR BULSHS 2021 HY
BSJM	INVESCO EXCH TRD SLF IDX FD TR BULSHS 2022 HY
BSJN	INVESCO EXCH TRD SLF IDX FD TR BULSHS 2023 HY
BSJO	INVESCO EXCH TRD SLF IDX FD TR BULSHS 2024 HY
BSJP	INVESCO EXCH TRD SLF IDX FD TR BULSHS 2025 HY
BSJQ	INVESCO EXCH TRD SLF IDX FD TR INVSCO BLSH 26
BSJR	INVESCO EXCH TRD SLF IDX FD TR BULETSHS 2027
BSL	BLACKSTONE GSO FLTNG RTE FUND COM
BSM	BLACK STONE MINERALS L P COM UNIT
BSML	INVESCO EXCH TRD SLF IDX FD TR BULSHS 2021 MUNI
BSMM	INVESCO EXCH TRD SLF IDX FD TR BULSHS 2022 MUNI
BSMN	INVESCO EXCH TRD SLF IDX FD TR BULSHS 2023 MUNI
BSMO	INVESCO EXCH TRD SLF IDX FD TR BULSHS 2024 MUNI
BSMP	INVESCO EXCH TRD SLF IDX FD TR BULSHS 2025 MUNI
BSMQ	INVESCO EXCH TRD SLF IDX FD TR BULSHS 2026 MUNI
BSMR	INVESCO EXCH TRD SLF IDX FD TR BULSHS 2027 MUNI
BSMS	INVESCO EXCH TRD SLF IDX FD TR BULSHS 2028 MUNI
BSMT	INVESCO EXCH TRD SLF IDX FD TR BULSHS 2029 MUNI
BSMX	BANCO SANTANDER MEXICO SA SPONSORED ADS B
BSQR	BSQUARE CORP COM NEW
BSRR	SIERRA BANCORP COM

BST	BLACKROCK SCIENCE & TECHNOLOGY SHS
BSTC	BIOSPECIFICS TECHNOLOGIES CORP COM
BSTZ	BLACKROCK SCIENCE & TECH TR II SHS BEN INT
BSV	VANGUARD BD INDEX FDS SHORT TRM BOND
BSVN	BANK7 CORP COM
BSX	BOSTON SCIENTIFIC CORP COM
BSX-A	BOSTON SCIENTIFIC CORP 5.50% CNV PFD A
BTA	BLACKROCK LONG-TERM MUNI ADVNT COM
BTAI	BIOXCEL THERAPEUTICS INC COM
BTAL	AGF INVTS TR AGFIQ US MK ANTI
BTE	BAYTEX ENERGY CORP COM
BTEC	PRINCIPAL EXCHANGE-TRADED FDS HELTHCARE INDX
BTG	B2GOLD CORP COM
BTI	BRITISH AMERN TOB PLC SPONSORED ADR
BTN	BALLANTYNE STRONG INC COM
BTO	HANCOCK JOHN FINL OPPTYS FD SH BEN INT NEW
BTT	BLACKROCK MUN TARGET TERM TR COM SHS BEN IN
BTU	PEABODY ENERGY CORP NEW COM
BTZ	BLACKROCK CR ALLOCATION INCOME COM
BUD	ANHEUSER BUSCH INBEV SA/NV SPONSORED ADR
BUG	GLOBAL X FDS CYBRSCURTY ETF
BUI	BLACKROCK UTILITIES INFRSTRCTR COM
BUL	PACER FDS TR US CHS CWS GWT
BURL	BURLINGTON STORES INC COM
BUSE	FIRST BUSEY CORP COM NEW
BUY	USCF ETF TR SUMERHAVEN PVT
BV	BRIGHTVIEW HLDGS INC COM
BVAL	ETF SER SOLUTIONS BRAND VALUE
BVN	COMPANIA DE MINAS BUENAVENTURA SPONSORED ADR
BVXV	BIONDVAX PHARMACEUTICALS LTD SPOND ADS
BW	BABCOCK & WILCOX ENTERPRISES I COM
BWA	BORGWARNER INC COM
BWAY	BRAINSWAY LTD SPONSORED ADS
BWB	BRIDGEWATER BANCSHARES INC COM ACCD INV

BWEN	BROADWIND INC COM NEW
BWFG	BANKWELL FINL GROUP INC COM
BWG	BRANDYWINEGBL GLBAL INM OPRTUN COM
BWL.A	BOWL AMER INC CL A
BWMX	BTTERWR DE MXCO S A P I DE C V SHS
BWX	SPDR SER TR BLOMBERG INTL TR
BWXT	BWX TECHNOLOGIES INC COM
BWZ	SPDR SER TR BLOMBERG BRC INT
BX	BLACKSTONE GROUP INC COM CL A
BXC	BLUELINX HLDGS INC COM NEW
BXG	BLUEGREEN VACATIONS CORP COM
BXMT	BLACKSTONE MTG TR INC COM CL A
BXXM	NUVEEN S&P 500 BUY-WRITE INC COM
BXP	BOSTON PPTYS INC COM
BXP-B	BOSTON PPTYS INC DEP 1/100 PF B
BXRX	BAUDAX BIO INC COM
BXS	BANCORPSOUTH BK TUPELO MISS COM
BXS-A	BANCORPSOUTH BK TUPELO MISS 5.5% NCUM PFD A
BY	BYLINE BANCORP INC COM
BYD	BOYD GAMING CORP COM
BYFC	BROADWAY FINL CORP DEL COM
BYLD	ISHARES TR YLD OPTIM BD
BYM	BLACKROCK MUNICIPL INC QLTY TR COM
BYND	BEYOND MEAT INC COM
BYSI	BEYONDSRING INC SHS
BZH	BEAZER HOMES USA INC COM NEW
BZM	BLACKROCK MD MUNICIPAL BOND TR COM
BZQ	PROSHARES TR ULT MSCIBZL CAPP
BZUN	BAOZUN INC SPONSORED ADR
C	CITIGROUP INC COM NEW
C-J	CITIGROUP INC DEP SHS 1/1000 J
C-K	CITIGROUP INC DEP SHS RP PFD K
C-N	CITIGROUP CAP XIII TR PFD SECS
C-S	CITIGROUP INC DEP SHS PFD S

CAAP	CORPORACION AMER ARPTS S A COM
CAAS	CHINA AUTOMOTIVE SYS INC COM
CABA	CABALETTA BIO INC COM
CABO	CABLE ONE INC COM
CAC	CAMDEN NATL CORP COM
CACC	CREDIT ACCEP CORP MICH COM
CACG	LEGG MASON ETF INVT TR CLRBRG GWT ETF
CACI	CACI INTL INC CL A
CADE	CADENCE BANCORPORATION CL A
CAE	CAE INC COM
CAF	MORGAN STANLEY CHINA A SH FD COM
CAG	CONAGRA BRANDS INC COM
CAH	CARDINAL HEALTH INC COM
CAI	CAI INTERNATIONAL INC COM
CAI-A	CAI INTERNATIONAL INC 8.50% RED PFD A
CAI-B	CAI INTERNATIONAL INC 8.5% RED PFD B
CAJ	CANON INC SPONSORED ADR
CAKE	CHEESECAKE FACTORY INC COM
CAL	CALERES INC COM
CALA	CALITHERA BIOSCIENCES INC COM
CALB	CALIFORNIA BANCORP COM
CALM	CAL MAINE FOODS INC COM NEW
CALT	CALLIDITAS THERAPEUTICS AB SPONSERED ADS
CALX	CALIX INC COM
CAMP	CALAMP CORP COM
CAMT	CAMTEK LTD ORD
CAN	CANAAN INC SPONSORED ADS
CANE	TEUCRIUM COMMODITY TR SUGAR FD
CANF	CAN FITE BIOFARMA LTD SPONSORED ADS
CANG	CANGO INC ADS
CAPE	BARCLAYS BANK PLC IPATH SHILR CAPE
CAPL	CROSSAMERICA PARTNERS LP UT LTD PTN INT
CAPR	CAPRICOR THERAPEUTICS INC COM NEW
CAR	AVIS BUDGET GROUP COM

CARA	CARA THERAPEUTICS INC COM
CARE	CARTER BK & TR MARTINSVILLE VA COM
CARG	CARGURUS INC COM CL A
CARR	CARRIER GLOBAL CORPORATION COM
CARS	CARS COM INC COM
CARV	CARVER BANCORP INC COM NEW
CARZ	FIRST TR EXCHANGE TRADED FD II AUTO INDEX FD
CASA	CASA SYS INC COM
CASH	META FINL GROUP INC COM
CASI	CASI PHARMACEUTICALS INC COM
CASS	CASS INFORMATION SYS INC COM
CASY	CASEYS GEN STORES INC COM
CAT	CATERPILLAR INC DEL COM
CATB	CATABASIS PHARMACEUTICALS INC COM NEW
CATC	CAMBRIDGE BANCORP COM
CATH	GLOBAL X FDS S&P 500 CATHOLIC
CATM	CARDTRONICS PLC SHS CL A
CATO	CATO CORP NEW CL A
CATS	CATASYS INC COM PAR
CATY	CATHAY GEN BANCORP COM
CB	CHUBB LIMITED COM
CBAN	COLONY BANKCORP INC COM
CBAT	CBAK ENERGY TECHNOLOGY INC COM
CBAY	CYMABAY THERAPEUTICS INC COM
CBB	CINCINNATI BELL INC NEW COM NEW
CBB-B	CINCINNATI BELL INC NEW PFD CV DEP1/20
CBD	COMPANHIA BRASILEIRA DE DISTRB SPONSORED ADR
CBFV	CB FINL SVCS INC COM
CBH	ALLIANZGI CON INCM 2024 TARGET COM
CBIO	CATALYST BIOSCIENCES INC COM NEW
CBL	CBL & ASSOC PPTYS INC COM
CBL-D	CBL & ASSOC PPTYS INC PFD 1/10 SER D
CBL-E	CBL & ASSOC PPTYS INC 6.625 DPRP PFD E
CBLI	CLEVELAND BIOLABS INC COM NEW

CBMB	CBM BANCORP INC COM
CBMG	CELLULAR BIOMEDICINE GROUP INC COM NEW
CBNK	CAPITAL BANCORP INC MD COM
CBON	VANECK VECTORS ETF TR CHINAAMC CHINA B
CBPO	CHINA BIOLOGIC PRODS HLDGS INC COM
CBRE	CBRE GROUP INC CL A
CBRL	CRACKER BARREL OLD CTRY STORE COM
CBSH	COMMERCE BANCSHARES INC COM
CBSHP	COMMERCE BANCSHARES INC DEP SHS RP PFD B
CBT	CABOT CORP COM
CBTX	CBTX INC COM
CBU	COMMUNITY BK SYS INC COM
CBZ	CBIZ INC COM
CC	CHEMOURS CO COM
CCAC	CITIC CAPITAL ACQUISITION CORP COM CL A
CCAC+	CITIC CAPITAL ACQUISITION CORP WT EXP 011727
CCAC=	CITIC CAPITAL ACQUISITION CORP UNIT
CCAP	CRESCENT CAP BDC INC COM
CCB	COASTAL FINL CORP WA COM NEW
CCBG	CAPITAL CITY BK GROUP INC COM
CCC	CLARIVATE PLC ORD SHS
CCCL	CHINA CERAMICS CO LTD SHS
CCD	CALAMOS DYNAMIC CONV & INCOME COM
CCEP	COCA COLA EUROPEAN PARTNERS P SHS
CCF	CHASE CORP COM
CCH	COLLIER CREEK HOLDINGS COM CL A
CCH+	COLLIER CREEK HOLDINGS WT EXP
CCH=	COLLIER CREEK HOLDINGS UNIT EX
CCI	CROWN CASTLE INTL CORP NEW COM
CCI-A	CROWN CASTLE INTL CORP NEW 6.875% CON PFD A
CCJ	CAMECO CORP COM
CCK	CROWN HLDGS INC COM
CCL	CARNIVAL CORP PAIRED CTF
CCLP	CSI COMPRESSCO LP COM UNIT

CCM	CONCORD MED SVCS HLDGS LTD SPON ADR CL A
CCMP	CABOT MICROELECTRONICS CORP COM
CCNC	CODE CHAIN NEW CONTINENT LTD COM
CCNE	CNB FINL CORP PA COM
CCO	CLEAR CHANNEL OUTDOOR HLDGS IN COM
CCOI	COGENT COMMUNICATIONS HLDGS IN COM NEW
CCOR	LISTED FD TR CORE ALT FD
CCR	CONSOL COAL RES LP COM UNIT
CCRC	CHINA CUST RELATIONS CNTR INC COM
CCRN	CROSS CTRY HEALTHCARE INC COM
CCS	CENTURY CMNTYS INC COM
CCU	COMPANIA CERVECERIAS UNIDAS SA SPONSORED ADR
CCX	CHURCHILL CAP CORP II CL A
CCX+	CHURCHILL CAP CORP II WT EXP 070224
CCX=	CHURCHILL CAP CORP II UNIT
CCXI	CHEMOCENTRYX INC COM
CCXX	CHURCHILL CAP CORP III COM
CCXX+	CHURCHILL CAP CORP III WT EXP 030127
CCXX=	CHURCHILL CAP CORP III UNIT EX 030127
CCZ	COMCAST HOLDINGS CORP ZONES CV2% PCS
CDAY	CERIDIAN HCM HLDG INC COM
CDC	VICTORY PORTFOLIOS II VCSHS US EQ INCM
CDE	COEUR MNG INC COM NEW
CDEV	CENTENNIAL RESOURCE DEV INC CL A
CDK	CDK GLOBAL INC COM
CDL	VICTORY PORTFOLIOS II VCSHS US LRG CAP
CDLX	CARDLYTICS INC COM
CDMO	AVID BIOSERVICES INC COM
CDMOP	AVID BIOSERVICES INC 10.50% CON PFD E
CDNA	CAREDX INC COM
CDNS	CADENCE DESIGN SYSTEM INC COM
CDOR	CONDOR HOSPITALITY TR INC COM NEW
CDR	CEDAR REALTY TRUST INC COM NEW
CDR-B	CEDAR REALTY TRUST INC PFD-B 7.25%

CDR-C	CEDAR REALTY TRUST INC 6.50% CUM PFD C
CDTX	CIDARA THERAPEUTICS INC COM
CDW	CDW CORP COM
CDXC	CHROMADDEX CORP COM NEW
CDXS	CODEXIS INC COM
CDZI	CADIZ INC COM NEW
CE	CELANESE CORP DEL COM
CEA	CHINA EASTN AIRLS LTD SPON ADR CL H
CECE	CECO ENVIRONMENTAL CORP COM
CEE	THE CENTRAL AND EASTERN EU INC COM
CEF	SPROTT PHYSICAL GOLD & SILVER TR UNIT
CEFD	UBS AG LONDON BRANCH CAL ETN 50
CEI	CAMBER ENERGY INC COM
CEIX	CONSOL ENERGY INC NEW COM
CEL	CELLCOM ISRAEL LTD SHS
CELC	CELCUITY INC COM
CELG^	BRISTOL-MYERS SQUIBB CO CONTIN VAL RT
CELH	CELSIUS HLDGS INC COM NEW
CELP	CYPRESS ENVIRONMENTL PARTNR LP LTD PARTNER INT
CEM	CLEARBRIDGE MLP AND MIDSTRM FD COM
CEMI	CHEMBIO DIAGNOSTICS INC COM NEW
CEN	CENTER COAST BRKFLD MLP ENRGY SHS BEN INT
CENT	CENTRAL GARDEN & PET CO COM
CENTA	CENTRAL GARDEN & PET CO CL A NON-VTG
CENX	CENTURY ALUM CO COM
CEO	CNOOC LIMITED SPONSORED ADR
CEPU	CENTRAL PUERTO S A SPONSORED ADR
CEQP	CRESTWOOD EQUITY PARTNERS LP UNIT LTD PARTNER
CEQP-	CRESTWOOD EQUITY PARTNERS LP 9.25% PFD UNIT
CERC	CERECOR INC COM
CERN	CERNER CORP COM
CERS	CERUS CORP COM
CET	CENTRAL SECS CORP COM
CETV	CENTRAL EUROPEAN MEDIA ENTRPRS CL A NEW

CETX	CEMTREX INC COM NEW
CETXP	CEMTREX INC PFD SER 1
CETXW	CEMTREX INC WT EXP 120222
CEV	EATON VANCE CALIF MUN INCOM TR SH BEN INT
CEVA	CEVA INC COM
CEW	WISDOMTREE TR EMERG CUR STR FD
CEY	VICTORY PORTFOLIOS II VICOTRYSHS EMG
CEZ	VICTORY PORTFOLIOS II VCSHS EMRG VOLTY
CF	CF INDS HLDGS INC COM
CFA	VICTORY PORTFOLIOS II VCSHS US 500 VOL
CFB	CROSSFIRST BANKSHARES INC COM
CFBI	COMMUNITY FIRST BANCSHARES INC COM
CFBK	CENTRAL FED CORP COM NEW PAR
CFFA	CF FIN ACQUISITION CORP COM CL A
CFFAU	CF FIN ACQUISITION CORP UNIT EX 043025
CFFAW	CF FIN ACQUISITION CORP WT EXP 043025
CFFI	C & F FINL CORP COM
CFFN	CAPITOL FED FINL INC COM
CFG	CITIZENS FINANCIAL GROUP INC COM
CFG-D	CITIZENS FINANCIAL GROUP INC 6.350% DEP PFD D
CFG-E	CITIZENS FINANCIAL GROUP INC 5% DP RP PFD E
CFMS	CONFORMIS INC COM
CFO	VICTORY PORTFOLIOS II VCSHS US 500 ENH
CFR	CULLEN FROST BANKERS INC COM
CFRX	CONTRAFECT CORP COM NEW
CFX	COLFAX CORP COM
CFXA	COLFAX CORP 5.75 TANGIBLE UT
CG	CARLYLE GROUP INC COM
CGA	CHINA GREEN AGRICULTURE INC COM NEW
CGBD	TCG BDC INC COM
CGC	CANOPY GROWTH CORP COM
CGEN	COMPUGEN LTD ORD
CGIX	CANCER GENETICS INC COM NEW
CGNX	COGNEX CORP COM

CGO	CALAMOS GLOBAL TOTAL RETURN FD COM SH BEN INT
CGROU	COLLECTIVE GROWTH CORP UNIT EX 042925
CGW	INVESCO EXCH TRADED FD TR II S&P GBL WATER
CHA	CHINA TELECOM CORP LTD SPON ADR H SHS
CHAD	DIREXION SHS ETF TR CSI300 CHINA1X
CHAP	CHAPARRAL ENERGY INC COM CL A
CHAQ	CHARDAN HEALTHCR ACQSTN 2 CORP COM
CHAQ+	CHARDAN HEALTHCR ACQSTN 2 CORP WT EXP 030525
CHAQ=	CHARDAN HEALTHCR ACQSTN 2 CORP UNIT
CHAU	DBX ETF TR CSI 300 BULL2X
CHCI	COMSTOCK HLDG COS INC CL A NEW
CHCO	CITY HLDG CO COM
CHCT	COMMUNITY HEALTHCARE TR INC COM
CHD	CHURCH & DWIGHT INC COM
CHDN	CHURCHILL DOWNS INC COM
CHE	CHEMED CORP NEW COM
CHEF	CHEFS WHSE INC COM
CHEK	CHECK CAP LTD SHS
CHEKZ	CHECK CAP LTD WT C EXP 050323
CHEP	AGF INVTS TR AGFIQ US MKT VLU
CHFS	CHF SOLUTIONS INC COM PAR
CHGG	CHEGG INC COM
CHGX	ETF SER SOLUTIONS CHANG FIN US LRG
CHH	CHOICE HOTELS INTL INC COM
CHI	CALAMOS CONV OPP AND INC FD SH BEN INT
CHIC	GLOBAL X FDS MSCI CHINA COMMU
CHIE	GLOBAL X FDS MSCI CHINA ENRGY
CHIH	GLOBAL X FDS MSCI CHINA HC
CHII	GLOBAL X FDS MSCI CHINA INDST
CHIK	GLOBAL X FDS MSCI CHINA IT
CHIL	GLOBAL X FDS MSCI CHINA LRG
CHIM	GLOBAL X FDS MSCI CHINA MATRL
CHIQ	GLOBAL X FDS MSCI CHINA CNSMR
CHIR	GLOBAL X FDS MSCI CHINA RE

CHIS	GLOBAL X FDS MSCI CHINA CON
CHIU	GLOBAL X FDS MSCI CHINA UTL
CHIX	GLOBAL X FDS MSCI CHINA FINCL
CHK	CHESAPEAKE ENERGY CORP COM
CHK-D	CHESAPEAKE ENERGY CORP PFD CONV
CHKP	CHECK POINT SOFTWARE TECH LTD ORD
CHL	CHINA MOBILE LIMITED SPONSORED ADR
CHMA	CHIASMA INC COM
CHMG	CHEMUNG FINL CORP COM
CHMI	CHERRY HILL MTG INVT CORP COM
CHMI-A	CHERRY HILL MTG INVT CORP 8.20% CUM PFD A
CHMI-B	CHERRY HILL MTG INVT CORP 8.250 CUM PFD B
CHN	CHINA FD INC COM
CHNA	ETF SER SOLUTIONS LONCAR CHINA BIO
CHNG	CHANGE HEALTHCARE INC COM
CHNGU	CHANGE HEALTHCARE INC TAGBL EQT UNIT
CHNR	CHINA NATURAL RESOURCES INC COM
CHPM	CHP MERGER CORP COM CL A
CHPMU	CHP MERGER CORP UNIT EXP 112224
CHPMW	CHP MERGER CORP WT EXP 112224
CHRA	CHARAH SOLUTIONS INC COM
CHRS	COHERUS BIOSCIENCES INC COM
CHRW	C H ROBINSON WORLDWIDE INC COM NEW
CHS	CHICOS FAS INC COM
CHSCL	CHS INC CLASS B SER 4
CHSCM	CHS INC RED PFD SER3 CLB
CHSCN	CHS INC PFD B SR 2 RST
CHSCO	CHS INC PFD CL B
CHSCP	CHS INC PFD 8%
CHT	CHUNGHWA TELECOM CO LTD SPON ADR NEW11
CHTR	CHARTER COMMUNICATIONS INC NEW CL A
CHU	CHINA UNICOM HONG KONG SPONSORED ADR
CHUY	CHUYS HLDGS INC COM
CHW	CALAMOS GBL DYN INCOME FUND COM

CHWY	CHEWY INC CL A
CHX	CHAMPIONX CORPORATION COM
CHY	CALAMOS CONV & HIGH INCOME FD COM SHS
CI	CIGNA CORP NEW COM
CIA	CITIZENS INC CL A
CIB	BANCOLOMBIA S A SPON ADR PREF
CIBR	FIRST TR EXCHANGE TRADED FD II NASDAQ CYB ETF
CID	VICTORY PORTFOLIOS II VCSHS INTL HG DV
CIDM	CINEDIGM CORP COM NEW
CIEN	CIENA CORP COM NEW
CIF	MFS INTER HIGH INCOME FD SH BEN INT
CIG	CIA ENERGETICA DE MINAS GERAIS SP ADR N-V PFD
CIG.C	CIA ENERGETICA DE MINAS GERAIS SPONSORED ADR
CIGI	COLLIERS INTL GROUP INC SUB VTG SHS
CIH	CHINA INDEX HLDGS LTD SPNSRD ADS A
CII	BLACKROCK ENH CAP & INC FD INC COM
CIIC	CIIG MERGER CORP COM CL A
CIICU	CIIG MERGER CORP UNIT EX 123126
CIICW	CIIG MERGER CORP WT EXP 123126
CIK	CREDIT SUISSE ASSET MGMT INCOM COM
CIL	VICTORY PORTFOLIOS II VCSHS INTL VOLTY
CIM	CHIMERA INVT CORP COM NEW
CIM-A	CHIMERA INVT CORP PFD SER A
CIM-B	CHIMERA INVT CORP PFD SER B
CIM-C	CHIMERA INVT CORP 7.75% CUM PFD C
CIM-D	CHIMERA INVT CORP 8% PFD CUM SER D
CINF	CINCINNATI FINL CORP COM
CINR	CINER RES LP COM UNIT LTD
CIO	CITY OFFICE REIT INC COM
CIO-A	CITY OFFICE REIT INC RED PFD SER A
CIR	CIRCOR INTL INC COM
CIT	CIT GROUP INC COM NEW
CIT-B	CIT GROUP INC 5.625 NCUM PFD B
CIVB	CIVISTA BANCSHARES INC COM NO PAR

CIX	COMPX INTL INC CL A
CIZ	VICTORY PORTFOLIOS II VCSHS DEV ENH VL
CIZN	CITIZENS HLDG CO MISS COM
CJJD	CHINA JO-JO DRUGSTORES INC COM NEW
CKH	SEACOR HOLDINGS INC COM
CKPT	CHECKPOINT THERAPEUTICS INC COM
CKX	CKX LANDS INC COM
CL	COLGATE PALMOLIVE CO COM
CLAR	CLARUS CORP NEW COM
CLB	CORE LABORATORIES N V COM
CLBK	COLUMBIA FINL INC COM
CLBS	CALADRIUS BIOSCIENCES INC COM NEW
CLCT	COLLECTORS UNIVERSE INC COM NEW
CLDB	CORTLAND BANCORP COM
CLDR	CLOUDERA INC COM
CLDT	CHATHAM LODGING TR COM
CLDX	CELLDEX THERAPEUTICS INC NEW COM NEW
CLEU	CHINA LIBERAL ED HLDGS LTD ORD
CLF	CLEVELAND CLIFFS INC COM
CLFD	CLEARFIELD INC COM
CLGN	COLLPLANT BIOTECHNOLOGIES LTD ADS
CLGX	CORELOGIC INC COM
CLH	CLEAN HARBORS INC COM
CLI	MACK CALI RLTY CORP COM
CLIR	CLEARSIGN TECHNOLOGIES CORP COM
CLIX	PROSHARES TR LONG ONLINE SHRT
CLLS	CELLECTIS S A SPON ADS
CLM	CORNERSTONE STRATEGIC VALUE FD COM
CLMT	CALUMET SPECIALTY PRODS PTNRS UT LTD PARTNER
CLNC	COLONY CR REAL ESTATE INC COM CL A
CLNE	CLEAN ENERGY FUELS CORP COM
CLNY	COLONY CAP INC NEW CL A COM
CLNY-G	COLONY CAP INC NEW 7.5% CUM PFD G
CLNY-H	COLONY CAP INC NEW 7.125% PFD SER H

CLNY-I	COLONY CAP INC NEW 7.15% CUM PFD I
CLNY-J	COLONY CAP INC NEW 7.125% CUM PFD J
CLOU	GLOBAL X FDS CLOUD COMPUTNG
CLPR	CLIPPER RLTY INC COM
CLPS	CLPS INCORPORATION COM
CLPT	CLEARPOINT NEURO INC COM
CLR	CONTINENTAL RES INC COM
CLRB	CELLECTAR BIOSCIENCES INC COM PAR
CLRBZ	CELLECTAR BIOSCIENCES INC WT EXP 042021
CLRG	INDEXIQ ETF TR IQ CHAIKIN US
CLRO	CLEARONE INC COM
CLS	CELESTICA INC SUB VTG SHS
CLSD	CLEARSIDE BIOMEDICAL INC COM
CLSK	CLEANSARK INC COM NEW
CLSN	CELSION CORP COM PAR NEW
CLTL	INVESCO EXCHANGE-TRADED FD TR TREAS COLATERL
CLUB	TOWN SPORTS INTL HLDGS INC COM
CLVS	CLOVIS ONCOLOGY INC COM
CLW	CLEARWATER PAPER CORP COM
CLWT	EURO TECH HOLDINGS CO LTD SHS NEW
CLX	CLOROX CO DEL COM
CLXT	CALYXT INC COM
CM	CANADIAN IMP BK COMM COM
CMA	COMERICA INC COM
CMBM	CAMBIUM NETWORKS CORP SHS
CMBS	ISHARES TR CMBS ETF
CMC	COMMERCIAL METALS CO COM
CMCL	CALEDONIA MNG CORP PLC SHS NEW
CMCM	CHEETAH MOBILE INC ADR
CMCO	COLUMBUS MCKINNON CORP N Y COM
CMCSA	COMCAST CORP NEW CL A
CMCT	CIM COML TR CORP COM NEW
CMCTP	CIM COML TR CORP PFD SER L
CMD	CANTEL MED CORP COM

CMDY	ISHARES U S ETF TR BLOOMBERG ROLL
CME	CME GROUP INC COM
CMF	ISHARES TR CALIF MUN BD ETF
CMFNL	CM FIN INC 6.125% NT 23
CMG	CHIPOTLE MEXICAN GRILL INC COM
CMI	CUMMINS INC COM
CMLS	CUMULUS MEDIA INC COM CLASS A
CMO	CAPSTEAD MTG CORP COM NO PAR
CMO-E	CAPSTEAD MTG CORP PFD SER E
CMP	COMPASS MINERALS INTL INC COM
CMPR	CIMPRESS PLC SHS EURO
CMRE	COSTAMARE INC SHS
CMRE-B	COSTAMARE INC PERP PFD SER B
CMRE-C	COSTAMARE INC PERP PFD SER C
CMRE-D	COSTAMARE INC PFD SER D
CMRE-E	COSTAMARE INC 8.87% CUM PFD E
CMRX	CHIMERIX INC COM
CMS	CMS ENERGY CORP COM
CMS-B	CONSUMERS ENERGY CO PFD \$4.50
CMSA	CMS ENERGY CORP 5.6% JRSUB NT 78
CMSC	CMS ENERGY CORP 5.875 JR NT 78
CMSD	CMS ENERGY CORP 5.875 NTS 79
CMT	CORE MOLDING TECHNOLOGIES INC COM
CMTL	COMTECH TELECOMMUNICATIONS CP COM NEW
CMU	MFS HIGH YIELD MUN TR SH BEN INT
CN	DBX ETF TR XTRACK MSCI CHNA
CNA	CNA FINL CORP COM
CNBKA	CENTURY BANCORP INC MASS CL A NON VTG
CNBS	AMPLIFY ETF TR SEYMOUR CANNBS
CNC	CENTENE CORP DEL COM
CNCE	CONCERT PHARMACEUTICALS INC COM
CNCR	ETF SER SOLUTIONS LONCAR CANCER
CNDT	CONDUENT INC COM
CNET	CHINANET ONLINE HLDGS INC COM NEW

CNF	CNFINANCE HLDGS LTD SPON ADS
CNFR	CONIFER HLDGS INC COM
CNFRL	CONIFER HLDGS INC 6.75% SR NT 23
CNHI	CNH INDL N V SHS
CNI	CANADIAN NATL RY CO COM
CNK	CINEMARK HLDGS INC COM
CNMD	CONMED CORP COM
CNNB	CINCINNATI BANCORP INC COM NEW
CNNE	CANNAE HLDGS INC COM
CNO	CNO FINL GROUP INC COM
CNOB	CONNECTONE BANCORP INC NEW COM
CNP	CENTERPOINT ENERGY INC COM
CNP-B	CENTERPOINT ENERGY INC DEP RP PFD CV B
CNQ	CANADIAN NAT RES LTD COM
CNR	CORNERSTONE BLDG BRANDS INC COM
CNRG	SPDR SER TR S&P KENSHO CLEAN
CNS	COHEN & STEERS INC COM
CNSL	CONSOLIDATED COMM HLDGS INC COM
CNSP	CNS PHARMACEUTICALS INC COM
CNST	CONSTELLATION PHARMCETICLS INC COM
CNTG	CENTOGENE N V COM
CNTY	CENTURY CASINOS INC COM
CNX	CNX RESOURCES CORPORATION COM
CNXM	CNX MIDSTREAM PARTNERS LP COM UNIT REPST
CNXN	PC CONNECTION INC COM
CNXT	VANECK VECTORS ETF TR CHINAAMC SME CHI
CO	GLOBAL CORD BLOOD CORPORATION SHS
COCP	COCRYSTAL PHARMA INC COM
CODA	CODA OCTOPUS GROUP INC COM NEW
CODI	COMPASS DIVERSIFIED HOLDINGS SH BEN INT
CODI-A	COMPASS DIVERSIFIED HOLDINGS 7.250% PFD SER A
CODI-B	COMPASS DIVERSIFIED HOLDINGS 7.87% CUM PFD B
CODI-C	COMPASS DIVERSIFIED HOLDINGS 7.875 PFD SER C
CODX	CO-DIAGNOSTICS INC COM

COE	CHINA ONLINE ED GROUP SPONSORED ADR
COF	CAPITAL ONE FINL CORP COM
COF-F	CAPITAL ONE FINL CORP DP SHS RP PFD F
COF-G	CAPITAL ONE FINL CORP DEP SHS PFD G
COF-H	CAPITAL ONE FINL CORP DEP SHS PFD H
COF-I	CAPITAL ONE FINL CORP DP SHS PFD I
COF-J	CAPITAL ONE FINL CORP 4.80% DP PFD J
COFS	CHOICEONE FINL SVCS INC COM
COG	CABOT OIL & GAS CORP COM
COHN	COHEN & CO INC NEW COM
COHR	COHERENT INC COM
COHU	COHU INC COM
COKE	COCA COLA CONSOLIDATED INC COM
COLB	COLUMBIA BKG SYS INC COM
COLD	AMERICOLD RLTY TR COM
COLL	COLLEGIUM PHARMACEUTICAL INC COM
COLM	COLUMBIA SPORTSWEAR CO COM
COM	DIREXION SHS ETF TR AUSEPCE CMD STG
COMB	GRANITESHARES ETF TR BBG COMMD K 1
COMM	COMMSCOPE HLDG CO INC COM
COMT	ISHARES U S ETF TR COMMOD SEL STG
CONE	CYRUSONE INC COM
CONN	CONNS INC COM
COO	COOPER COS INC COM NEW
COOP	MR COOPER GROUP INC COM
COP	CONOCOPHILLIPS COM
COPX	GLOBAL X FDS GLOBAL X COPPER
COR	CORESITE RLTY CORP COM
CORE	CORE MARK HOLDING CO INC COM
CORN	TEUCRIUM COMMODITY TR CORN FD SHS
CORP	PIMCO ETF TR INV GRD CRP BD
CORR	COREENERGY INFRASTRUCTURE TR IN COM NEW
CORR-A	COREENERGY INFRASTRUCTURE TR IN DEP SHS REPSTG
CORT	CORCEPT THERAPEUTICS INC COM

COST	COSTCO WHSL CORP NEW COM
COTY	COTY INC COM CL A
COUP	COUPA SOFTWARE INC COM
COW	BARCLAYS BK PLC IPATH B LIVESTCK
COWN	COWEN INC CL A NEW
COWNL	COWEN INC 7.75% SRNT 33
COWNZ	COWEN INC 7.35% SR NT 27
CP	CANADIAN PAC RY LTD COM
CPA	COPA HOLDINGS SA CL A
CPAA	CONYERS PK II ACQUISITION CORP COM CL A
CPAAU	CONYERS PK II ACQUISITION CORP UNIT
CPAAW	CONYERS PK II ACQUISITION CORP WT EXP 071824
CPAC	CEMENTOS PACASMAYO S A A SPONSORED ADR
CPAH	COUNTERPATH CORP COM
CPB	CAMPBELL SOUP CO COM
CPE	CALLON PETE CO DEL COM
CPER	UNITED STS COMMODITY IDX FDTR CM REP COPP FD
CPF	CENTRAL PAC FINL CORP COM NEW
CPG	CRESCENT PT ENERGY CORP COM
CPHC	CANTERBURY PARK HOLDING CORP COM
CPHI	CHINA PHARMA HLDGS INC COM
CPI	INDEXIQ ETF TR IQ REAL RTN ETF
CPIX	CUMBERLAND PHARMACEUTICALS INC COM
CPK	CHESAPEAKE UTILS CORP COM
CPLG	COREPOINT LODGING INC COM
CPLP	CAPITAL PRODUCT PARTNERS L P PARTNERSHP UNITS
CPRI	CAPRI HOLDINGS LIMITED SHS
CPRT	COPART INC COM
CPRX	CATALYST PHARMACEUTICALS INC COM
CPS	COOPER STD HLDGS INC COM
CPSH	CPS TECHNOLOGIES CORP COM
CPSI	COMPUTER PROGRAMS & SYS INC COM
CPSS	CONSUMER PORTFOLIO SVCS INC COM
CPST	CAPSTONE TURBINE CORP COM

CPT	CAMDEN PPTY TR SH BEN INT
CPTA	CAPITALA FIN CORP COM
CPTAG	CAPITALA FIN CORP 5.75% NT CV 22
CPTAL	CAPITALA FIN CORP 6% NT 22
CPZ	CALAMOS LNG SHR EQT DYNAMIC TR COM
CQP	CHENIERE ENERGY PARTNERS LP COM UNIT
CQQQ	INVESCO EXCH TRADED FD TR II CHINA TECHNLOGY
CR	CRANE CO COM
CRAI	CRA INTL INC COM
CRAK	VANECK VECTORS ETF TR OIL REFINERS ETF
CRBN	ISHARES TR MSCI LW CRB TG
CRBP	CORBUS PHARMACEUTICALS HLDGS I COM
CRC	CALIFORNIA RES CORP COM NEW
CRD.A	CRAWFORD & CO CL A
CRD.B	CRAWFORD & CO CL B
CRDF	CARDIFF ONCOLOGY INC COM
CREE	CREE INC COM
CREG	CHINA RECYCLING ENERGY CORP COM
CRESY	CRESUD S A C I F Y A SPONSORED ADR
CREX	CREATIVE REALITIES INC COM NEW
CREXW	CREATIVE REALITIES INC WT EXP 110922
CRF	CORNERSTONE TOTAL RETURN FD IN COM
CRH	CRH PLC ADR
CRHM	CRH MED CORP COM
CRI	CARTERS INC COM
CRIS	CURIS INC COM NEW
CRK	COMSTOCK RES INC COM
CRL	CHARLES RIV LABS INTL INC COM
CRM	SALESFORCE COM INC COM
CRMD	CORMEDIX INC COM
CRMT	AMERICAS CAR MART INC COM
CRNC	CERENCE INC COM
CRNT	CERAGON NETWORKS LTD ORD
CRNX	CRINETICS PHARMACEUTICALS INC COM

CROC	PROSHARES TR II PROSHS U/SHAUS
CRON	CRONOS GROUP INC COM
CROP	INDEXIQ ETF TR GLB AGRI SM CP
CROX	CROCS INC COM
CRS	CARPENTER TECHNOLOGY CORP COM
CRSA	CRESCENT ACQUISITION CORP COM CL A
CRSAU	CRESCENT ACQUISITION CORP UNIT
CRSAW	CRESCENT ACQUISITION CORP WT EXP 030824
CRSP	CRISPR THERAPEUTICS AG NAMEN AKT
CRT	CROSS TIMBERS RTY TR TR UNIT
CRTO	CRITEO S A SPONS ADS
CRTX	CORTEXIME INC COM
CRUS	CIRRUS LOGIC INC COM
CRVL	CORVEL CORP COM
CRVS	CORVUS PHARMACEUTICALS INC COM
CRWD	CROWDSTRIKE HLDGS INC CL A
CRWS	CROWN CRAFTS INC COM
CRY	CRYOLIFE INC COM
CS	CREDIT SUISSE GROUP SPONSORED ADR
CSA	VICTORY PORTFOLIOS II VCSHS US SML CAP
CSB	VICTORY PORTFOLIOS II VCSHS US SMCP HG
CSBR	CHAMPIONS ONCOLOGY INC COM NEW
CSCO	CISCO SYS INC COM
CSD	INVESCO EXCHANGE TRADED FD TR S&P SPIN OFF
CSF	VICTORY PORTFOLIOS II VCSHS US DISCVRY
CSGP	COSTAR GROUP INC COM
CSGS	CSG SYS INTL INC COM
CSII	CARDIOVASCULAR SYS INC DEL COM
CSIQ	CANADIAN SOLAR INC COM
CSL	CARLISLE COS INC COM
CSLT	CASTLIGHT HEALTH INC CL B
CSML	INDEXIQ ETF TR IQ CHAIKIN US
CSOD	CORNERSTONE ONDEMAND INC COM
CSPI	CSP INC COM

CSPR	CASPER SLEEP INC COM
CSQ	CALAMOS STRATEGIC TOTL RETN FD COM SH BEN INT
CSSE	CHICKEN SOUP FOR THE SOUL ENTM CL A
CSSEP	CHICKEN SOUP FOR THE SOUL ENTM 9.75% PFD SER A
CSTE	CAESARSTONE LTD ORD SHS
CSTL	CASTLE BIOSCIENCES INC COM
CSTM	CONSTELLIUM SE CL A SHS
CSTR	CAPSTAR FINL HLDGS INC COM
CSU	CAPITAL SR LIVING CORP COM
CSV	CARRIAGE SVCS INC COM
CSWC	CAPITAL SOUTHWEST CORP COM
CSWCL	CAPITAL SOUTHWEST CORP 5.95% NT 22
CSWI	CSW INDUSTRIALS INC COM
CSX	CSX CORP COM
CTA-A	DU PONT E I DE NEMOURS & CO PFD 3.50 SER
CTA-B	DU PONT E I DE NEMOURS & CO PFD 4.50 SER
CTAA	QWEST CORP NT 7% 2056
CTAS	CINTAS CORP COM
CTB	COOPER TIRE & RUBR CO COM
CTBB	QWEST CORP NT
CTBI	COMMUNITY TR BANCORP INC COM
CTDD	QWEST CORP 6.75% NT 57
CTEK	CYNERGISTEK INC COM
CTG	COMPUTER TASK GROUP INC COM
CTHR	CHARLES & COLVARD LTD COM
CTIB	YUNHONG CTI LTD COM
CTIC	CTI BIOPHARMA CORP COM
CTK	COOTEK CAYMAN INC SPONSORED ADS
CTL	CENTURYLINK INC COM
CTLT	CATALENT INC COM
CTMX	CYTOMX THERAPEUTICS INC COM
CTO	CTO REALTY GROWTH INC COM
CTR	CLEARBRIDGE MLP AND MIDSTRM TR COM
CTRA	CONTURA ENERGY INC COM

CTRE	CARETRUST REIT INC COM
CTRM	CASTOR MARITIME INC SHS
CTRN	CITI TRENDS INC COM
CTS	CTS CORP COM
CTSH	COGNIZANT TECHNOLOGY SOLUTIONS CL A
CTSO	CYTOSORBENTS CORP COM NEW
CTT	CATCHMARK TIMBER TR INC CL A
CTV	QWEST CORP NT 10/01/54
CTVA	CORTEVA INC COM
CTXR	CITIUS PHARMACEUTICALS INC COM NEW
CTXRW	CITIUS PHARMACEUTICALS INC WT EXP 080822
CTXS	CITRIX SYS INC COM
CTY	QWEST CORP NT
CTZ	QWEST CORP NT
CUB	CUBIC CORP COM
CUBA	HERZFELD CARIBBEAN BASIN FD IN COM
CUBB	CUSTOMERS BANCORP INC 5.375 SB NT 34
CUBE	CUBESMART COM
CUBI	CUSTOMERS BANCORP INC COM
CUBI-C	CUSTOMERS BANCORP INC PFD-C FIX/FLT
CUBI-D	CUSTOMERS BANCORP INC PFD-D FIX/FLT
CUBI-E	CUSTOMERS BANCORP INC PFD CUM SER E
CUBI-F	CUSTOMERS BANCORP INC PFD NONCUM SER F
CUE	CUE BIOPHARMA INC COM
CUK	CARNIVAL PLC ADR
CULP	CULP INC COM
CURE	DIREXION SHS ETF TR HEALTHCARE BUL
CURO	CURO GROUP HOLDINGS CORP COM
CUT	INVESCO EXCH TRADED FD TR II MSCI GBL TIMBR
CUTR	CUTERA INC COM
CUZ	COUSINS PPTYS INC COM NEW
CVA	COVANTA HLDG CORP COM
CVBF	CVB FINL CORP COM
CVCO	CAVCO INDS INC DEL COM

CVCY	CENTRAL VALLEY CMNTY BANCORP COM
CVE	CENOVUS ENERGY INC COM
CVEO	CIVEO CORP CDA COM
CVET	COVETRUS INC COM
CVGI	COMMERCIAL VEH GROUP INC COM
CVGW	CALAVO GROWERS INC COM
CVI	CVR ENERGY INC COM
CVIA	COVIA HLDGS CORP COM
CVLT	COMMVault SYSTEMS INC COM
CVLY	CODORUS VY BANCORP INC COM
CVM	CEL SCI CORP COM PAR NEW
CVNA	CARVANA CO CL A
CVR	CHICAGO RIVET & MACH CO COM
CVS	CVS HEALTH CORP COM
CVTI	COVENANT TRANSN GROUP INC CL A
CVU	CPI AEROSTRUCTURES INC COM NEW
CVV	CVD EQUIPMENT CORP COM
CVX	CHEVRON CORP NEW COM
CVY	INVESCO EXCHANGE TRADED FD TR ZACKS MULT AST
CW	CURTISS WRIGHT CORP COM
CWB	SPDR SER TR BLMBRG BRC CNVRT
CWBC	COMMUNITY WEST BANCSHARES COM
CWBR	COHBAR INC COM
CWCO	CONSOLIDATED WATER CO INC ORD
CWEB	DIREXION SHS ETF TR DAILY CS 2X SH
CWEN	CLEARWAY ENERGY INC CL C
CWEN.A	CLEARWAY ENERGY INC CL A
CWH	CAMPING WORLD HLDGS INC CL A
CWI	SPDR INDEX SHS FDS MSCI ACWI EXUS
CWK	CUSHMAN WAKEFIELD PLC SHS
CWS	ADVISORSHARES TR ADVISORSHS ETF
CWST	CASELLA WASTE SYS INC CL A
CWT	CALIFORNIA WTR SVC GROUP COM
CX	CEMEX SAB DE CV SPON ADR NEW

CXDC	CHINA XD PLASTICS CO LTD COM
CXE	MFS HIGH INCOME MUN TR SH BEN INT
CXH	MFS INVT GRADE MUN TR SH BEN INT
CXO	CONCHO RES INC COM
CXP	COLUMBIA PPTY TR INC COM NEW
CXSE	WISDOMTREE TR CHINADIV EX FI
CXW	CORECIVIC INC COM
CYAD	CELYAD SA ADR
CYAN	CYANOTECH CORP COM PAR \$0.02
CYB	WISDOMTREE TR CHINESE YUAN FD
CYBE	CYBEROPTICS CORP COM
CYBR	CYBERARK SOFTWARE LTD SHS
CYCC	CYCLACEL PHARMACEUTICALS INC COM
CYCCP	CYCLACEL PHARMACEUTICALS INC PFD CONV EX 6%
CYCN	CYCLERION THERAPEUTICS INC COM
CYD	CHINA YUCHAI INTL LTD COM
CYH	COMMUNITY HEALTH SYS INC NEW COM
CYRN	CYREN LTD SHS
CYRX	CRYOPORT INC COM PAR \$0.001
CYRXW	CRYOPORT INC WT EXP 072920
CYTK	CYTOKINETICS INC COM NEW
CZA	INVESCO EXCHANGE TRADED FD TR ZACKS MID CAP
CZNC	CITIZENS & NORTHN CORP COM
CZR	CAESARS ENTMT CORP COM
CZWI	CITIZENS CMNTY BANCORP INC MD COM
CZZ	COSAN LTD SHS A
D	DOMINION ENERGY INC COM
DAC	DANAOS CORPORATION SHS
DADA	DADA NEXUS LTD ADS
DAIO	DATA I O CORP COM
DAKT	DAKTRONICS INC COM
DAL	DELTA AIR LINES INC DEL COM NEW
DALI	FIRST TR EXCHANGE-TRADED FD VI DORSEYWRGT ETF
DAN	DANA INCORPORATED COM

DAO	YOUDAO INC SPONSORED ADS
DAR	DARLING INGREDIENTS INC COM
DARE	DARE BIOSCIENCE INC COM
DAUD	CITIGROUP GLOBAL MKTS HLDGS IN VELCTYSHS AUDUSD
DAVA	ENDAVA PLC ADS
DAX	GLOBAL X FDS DAX GERMANY ETF
DB	DEUTSCHE BANK A G NAMEN AKT
DBA	POWERSHARES DB MULTI-SECTOR AGRICULTURE FD
DBAW	DBX ETF TR XTRACK MSCI ALL
DBB	POWERSHARES DB MULTI-SECTOR BASE METALS FD
DBC	INVESCO DB COMMDY INDX TRCK FD UNIT
DBCP	DELMAR BANCORP COM NEW
DBD	DIEBOLD NXDF INC COM
DBE	POWERSHARES DB MULTI-SECTOR ENERGY FD
DBEF	DBX ETF TR XTRACK MSCI EAFE
DBEH	MANAGER DIRECTED PORTFOLIOS IM DBI HEDGE
DBEM	DBX ETF TR XTRACK MSCI EMRG
DBEU	DBX ETF TR XTRACK MSCI EURP
DBEZ	DBX ETF TR XTRACK MSCI EURO
DBGR	DBX ETF TR XTRACK MSCI GRMY
DBI	DESIGNER BRANDS INC CL A
DBJP	DBX ETF TR XTRACK MSCI JAPN
DBL	DOUBLELINE OPPORTUNISTIC CR FD COM
DBLV	ADVISORSHARES TR DOUBLELIN VAL EQ
DBMF	MANAGER DIRECTED PORTFOLIOS IM DBI MNGD FU
DBO	POWERSHARES DB MULTI-SECTOR OIL FD
DBP	POWERSHARES DB MULTI-SECTOR PRECIOUS METAL
DBS	POWERSHARES DB MULTI-SECTOR SILVER FD
DBV	INVESCO DB G10 CURRENCY HARVES UNIT
DBVT	DBV TECHNOLOGIES S A SPONSORED ADR
DBX	DROPBOX INC CL A
DCF	BNY MELLON ALCENTRA GLOBAL CR COM
DCHF	CITIGROUP GLOBAL MKTS HLDGS IN VELCTYSHS CHFUSD
DCI	DONALDSON INC COM

DCO	DUCOMMUN INC DEL COM
DCOM	DIME CMNTY BANCSHARES INC COM
DCOMP	DIME CMNTY BANCSHARES INC 5.5% NCUM PFD A
DCP	DCP MIDSTREAM LP COM UT LTD PTN
DCP-B	DCP MIDSTREAM LP 7.875 CUM RED B
DCP-C	DCP MIDSTREAM LP 7.95 SR C PFD UT
DCPH	DECIPHERA PHARMACEUTICALS INC COM
DCTH	DEL CATH SYS INC COM NEW
DCUE	DOMINION ENERGY INC CORP UNITS
DD	DUPONT DE NEMOURS INC COM
DDD	3-D SYS CORP DEL COM NEW
DDF	DELAWARE INVTS DIV & INCOME FD COM
DDG	PROSHARES TR PSHS SHT OIL&GAS
DDIV	FIRST TR EXCHANGE-TRADED FD VI DORSEYWRIGHT MOM
DDM	PROSHARES TR PSHS ULTRA DOW30
DDOG	DATADOG INC CL A COM
DDS	DILLARDS INC CL A
DDT	DILLARDS CAP TR I CAP SECS 7.5%
DE	DEERE & CO COM
DEA	EASTERLY GOVT PPTYS INC COM
DECK	DECKERS OUTDOOR CORP COM
DEED	FIRST TR EXCHNG TRADED FD VIII TCW SECURITIZED
DEEF	DBX ETF TR XTRACK FTSE US
DEF	INVESCO EXCH TRD SLF IDX FD TR DEFENSIVE EQTY
DEI	DOUGLAS EMMETT INC COM
DELL	DELL TECHNOLOGIES INC CL C
DEM	WISDOMTREE TR EMER MKT HIGH FD
DENN	DENNYS CORP COM
DEO	DIAGEO P L C SPON ADR NEW
DES	WISDOMTREE TR US SMALLCAP DIVD
DESP	DESPEGAR COM CORP ORD SHS
DEUR	CITIGROUP GLOBAL MKTS HLDGS IN VELCTYSHS EURUSD
DEUS	DBX ETF TR XTRACK RUSS 1000
DEW	WISDOMTREE TR GLB HIGH DIV FD

DEX	DELAWARE ENHANCED GBL DIV & IN COM
DFE	WISDOMTREE TR EUROPE SMCP DV
DFEN	DIREXION SHS ETF TR DLY AEROSPC 3X
DFFN	DIFFUSION PHARMACEUTICALS INC COM PAR
DFIN	DONNELLEY FINL SOLUTIONS INC COM
DFJ	WISDOMTREE TR JP SMALLCP DIV
DFNL	DAVIS FUNDAMENTAL ETF TR SELECT FINL
DFNS	LGL SYS ACQUISITION CORP COM CL A
DFNS+	LGL SYS ACQUISITION CORP WT EXP 111226
DFNS=	LGL SYS ACQUISITION CORP UNIT EX 102424
DFP	FLAHERTY & CRUMRINE DYN PFD SHS
DFPH	DFP HEALTHCARE ACQUISITNS CORP COM CL A
DFPHU	DFP HEALTHCARE ACQUISITNS CORP UNIT EXP 033125
DFPHW	DFP HEALTHCARE ACQUISITNS CORP WT EXP 033125
DFS	DISCOVER FINL SVCS COM
DG	DOLLAR GEN CORP NEW COM
DGAZ	CREDIT SUISSE AG NASSAU BRH ETN LKD 32
DGBP	CITIGROUP GLOBAL MKTS HLDGS IN VELCTYSHS GBPUSD
DGICA	DONEGAL GROUP INC CL A
DGICB	DONEGAL GROUP INC CL B
DGII	DIGI INTL INC COM
DGL	POWERSHARES DB MULTI-SECTOR GOLD FD
DGLD	CREDIT SUISSE AG NASSAU BRH 3X INVERS GOLD
DGLY	DIGITAL ALLY INC COM NEW
DGP	DEUTSCHE BK AG LONDON BRH DB GOLD DBL LNG
DGRE	WISDOMTREE TR EM MKTS QTLY DIV
DGRO	ISHARES TR CORE DIV GRWTH
DGRS	WISDOMTREE TR US S CAP QTY DIV
DGRW	WISDOMTREE TR US QTLY DIV GRT
DGS	WISDOMTREE TR EMG MKTS SMCAP
DGT	SPDR SER TR GLB DOW ETF
DGX	QUEST DIAGNOSTICS INC COM
DGZ	DEUTSCHE BK AG LONDON BRH DB GOLD SHORT
DHC	DIVERSIFIED HEALTHCARE TR COM SH BEN INT

DHCNI	DIVERSIFIED HEALTHCARE TR NT 42
DHCNL	DIVERSIFIED HEALTHCARE TR 6.25% SR NT 46
DHF	BNY MELLON HIGH YIELD STRATEGI SH BEN INT
DHI	D R HORTON INC COM
DHIL	DIAMOND HILL INVESTMENT GROUP COM NEW
DHR	DANAHER CORPORATION COM
DHR-A	DANAHER CORPORATION 4.75 MND CV PFD
DHR-B	DANAHER CORPORATION 5% CONV PFD B
DHS	WISDOMTREE TR US HIGH DIVIDEND
DHT	DHT HOLDINGS INC SHS NEW
DHX	DHI GROUP INC COM
DHY	CREDIT SUISSE HIGH YLD BND FD SH BEN INT
DIA	SPDR DOW JONES INDL AVERAGE ET UT SER 1
DIAL	COLUMBIA ETF TR I DIVERSIFID FXD
DIAX	NUVEEN DOW 30 DYNAMIC OVERWRIT SHS
DIG	PROSHARES TR PSHS ULTRA O&G
DIM	WISDOMTREE TR INTL MIDCAP DV
DIN	DINE BRANDS GLOBAL INC COM
DINT	DAVIS FUNDAMENTAL ETF TR SELCT INTL ETF
DIOD	DIODES INC COM
DIS	DISNEY WALT CO COM DISNEY
DISCA	DISCOVERY INC COM SER A
DISCB	DISCOVERY INC COM SER B
DISCK	DISCOVERY INC COM SER C
DISH	DISH NETWORK CORPORATION CL A
DIT	AMCON DISTRG CO COM NEW
DIV	GLOBAL X FDS GLOBX SUPDV US
DIVA	AGF INVTS TR AGFIQ HEDGED DIV
DIVC	CITIGROUP INC HOW STRAT DIV
DIVO	AMPLIFY ETF TR CWP ENHANCED DIV
DIVY	REALITY SHS ETF TR DIVS ETF
DJCB	UBS AG LONDON BRANCH ETRACS BBG CMD
DJCI	UBS AG JERSEY BRH DJ COMMD ETN39
DJCO	DAILY JOURNAL CORP COM

DJD	INVESCO EXCHANGE TRADED FD TR DJ INDL AVG DV
DJP	BARCLAYS BANK PLC DJUBS CMDT ETN36
DJPY	CITIGROUP GLOBAL MKTS HLDGS IN VELCTYSHS JPYUSD
DK	DELEK US HLDGS INC NEW COM
DKL	DELEK LOGISTICS PARTNERS LP COM UNT RP INT
DKNG	DRAFTKINGS INC COM CL A
DKNGW	DRAFTKINGS INC WT EXP 063026
DKS	DICKS SPORTING GOODS INC COM
DL	CHINA DISTANCE ED HLDGS LTD SPONS ADR
DLA	DELTA APPAREL INC COM
DLB	DOLBY LABORATORIES INC COM CL A
DLHC	DLH HLDGS CORP COM
DLN	WISDOMTREE TR US LARGE CAP DIVD
DLNG	DYNAGAS LNG PARTNERS LP COM UNIT LTD PT
DLNG-A	DYNAGAS LNG PARTNERS LP CUM PFD SER A
DLNG-B	DYNAGAS LNG PARTNERS LP 8.75 SR B PFD UT
DLPH	DELPHI TECHNOLOGIES PL SHS
DLPN	DOLPHIN ENTMT INC COM
DLPNW	DOLPHIN ENTMT INC WT EXP 122620
DLR	DIGITAL RLTY TR INC COM
DLR-C	DIGITAL RLTY TR INC 6.625% PFD SER C
DLR-G	DIGITAL RLTY TR INC PFD SER G 5.875%
DLR-I	DIGITAL RLTY TR INC 6.35% PFD I CUM
DLR-J	DIGITAL RLTY TR INC 5.250% PFD SER J
DLR-K	DIGITAL RLTY TR INC 5.850 PFD SR K
DLR-L	DIGITAL RLTY TR INC 5.2% CUM PF SR L
DLS	WISDOMTREE TR INTL SMCAP DIV
DLTH	DULUTH HLDGS INC COM CL B
DLTR	DOLLAR TREE INC COM
DLX	DELUXE CORP COM
DLY	DOUBLELINE YIELD OPPORTUNITIES COM
DMAC	DIAMEDICA THERAPEUTICS INC COM NEW
DMB	BNY MELLON MUN BD INFRASTRUCTU COM SHS
DMDV	ETF SER SOLUTIONS AAM S&P DEV MK

DMF	BNY MELLON MUN INCOME INC COM
DMLP	DORCHESTER MINERALS LP COM UNIT
DMO	WESTERN ASSET MTG DEFINED OPPO COM
DMPI	DELMAR PHARMACEUTICALS INC COM
DMRC	DIGIMARC CORP NEW COM
DMRE	TRANSAMERICA ETF TR DELTASHS S&P
DMRI	TRANSAMERICA ETF TR DELTASHS S&P INT
DMRL	TRANSAMERICA ETF TR DELTASHS S&P 500
DMRM	TRANSAMERICA ETF TR DELTASHS S&P 400
DMRS	TRANSAMERICA ETF TR DELTASHS S&P 600
DMTK	DERMTECH INC COM
DMXF	ISHARES TR ESG EAFE ETF
DMYT	DMY TECHNOLOGY GROUP INC COM
DMYT+	DMY TECHNOLOGY GROUP INC WT EXP 022127
DMYT=	DMY TECHNOLOGY GROUP INC UNIT
DNI	DIVIDEND & INCOME FD INC COM NEW
DNJR	GOLDEN BULL LTD SHS
DNK	PHOENIX TREE HLDGS LTD SPONSORED ADS
DNKN	DUNKIN BRANDS GROUP INC COM
DNL	WISDOMTREE TR GLB US QTLY DIV
DNLI	DENALI THERAPEUTICS INC COM
DNN	DENISON MINES CORP COM
DNOW	NOW INC COM
DNP	DNP SELECT INCOME FD INC COM
DNR	DENBURY RES INC COM NEW
DOC	PHYSICIANS RLTY TR COM
DOCU	DOCUSIGN INC COM
DOG	PROSHARES TR PSHS SHORT DOW30
DOGZ	DOGNESS INTERNATIONAL CORP COM CL A
DOL	WISDOMTREE TR INTL LRGCAP DV
DOMO	DOMO INC COM CL B
DON	WISDOMTREE TR US MIDCAP DIVID
DOO	WISDOMTREE TR INTL DIV EX FINL
DOOO	BRP INC COM SUN VTG

DOOR	MASONITE INTL CORP NEW COM
DORM	DORMAN PRODUCTS INC COM
DOV	DOVER CORP COM
DOW	DOW INC COM
DOX	AMDOCS LTD SHS
DOYU	DOUYU INTERNATIONAL HLDNGS LTD SPONSORED ADS
DPG	DUFF & PHELPS UTLITY AND INFST COM
DPHC	DIAMONDPEAK HLDGS COR COM CL A
DPHCU	DIAMONDPEAK HLDGS COR UNIT
DPHCW	DIAMONDPEAK HLDGS COR WT EXP 022224
DPST	DIREXION SHS ETF TR DAILY RGNAL BULL
DPW	DPW HLDGS INC COM
DPZ	DOMINOS PIZZA INC COM
DQ	DAQO NEW ENERGY CORP SPNSRD ADR NEW
DRAD	DIGIRAD CORP COM NEW
DRADP	DIGIRAD CORP 10% CUM SR A PFD
DRD	DRDGOLD LIMITED SPON ADR REPSTG
DRE	DUKE REALTY CORP COM NEW
DRH	DIAMONDROCK HOSPITALITY CO COM
DRI	DARDEN RESTAURANTS INC COM
DRIO	DARIOHEALTH CORP COM NEW
DRIOW	DARIOHEALTH CORP WT EXP 030821
DRIP	DIREXION SHS ETF TR DLY S&P OIL GAS
DRIV	GLOBAL X FDS AUTONMOUS EV ETF
DRN	DIREXION SHS ETF TR DLY R/E BULL3X
DRNA	DICERNA PHARMACEUTICALS INC COM
DRQ	DRIL QUIP INC COM
DRRX	DURECT CORP COM
DRTT	DIRTT ENVIRONMENTAL SOLUTIONS COM
DRUA	DOMINION ENERGY INC ENHCD SUB NT16 A
DRV	DIREXION SHS ETF TR DAILY MSCI REAL
DRW	WISDOMTREE TR GLB EX US RL EST
DS	DRIVE SHACK INC COM
DS-B	DRIVE SHACK INC PFD SER B

DS-C	DRIVE SHACK INC PFD SER C 8.05%
DS-D	DRIVE SHACK INC PFD SER D 8.375%
DSE	DUFF & PHELPS SLT ENGY AND MID COM
DSGX	DESCARTES SYS GROUP INC COM
DSI	ISHARES TR MSCI KLD400 SOC
DSKE	DASEKE INC COM
DSKEW	DASEKE INC WT EXP 022722
DSL	DOUBLELINE INCOME SOLUTIONS FD COM
DSLX	CREDIT SUISSE AG NASSAU BRH 3X INVERS SILV
DSM	DREYFUS STRATEGIC MUN BD FD IN COM
DSPG	DSP GROUP INC COM
DSS	DOCUMENT SEC SYS INC COM NEW
DSSI	DIAMOND S SHIPPING INC COM
DSTL	ETF SER SOLUTIONS DISTILLATE US
DSU	BLACKROCK DEBT STRATEGIES FD I COM NEW
DSWL	DESWELL INDS INC COM
DSX	DIANA SHIPPING INC COM
DSX-B	DIANA SHIPPING INC PERP PFD SER B
DT	DYNATRACE INC COM
DTD	WISDOMTREE TR US TOTAL DIVIDND
DTE	DTE ENERGY CO COM
DTEA	DAVIDSTEA INC COM
DTF	DTF TAX-FREE INCOME INC COM
DTH	WISDOMTREE TR ITL HIGH DIV FD
DTIL	PRECISION BIOSCIENCES INC COM
DTJ	DTE ENERGY CO JR SUB DEB 76
DTLA-	BROOKFIELD DTLA FD OFFICE TR I PFD SER A 7.625%
DTN	WISDOMTREE TR US DIVID EX FNCL
DTP	DTE ENERGY CO 6.25% CORP UNITS
DTQ	DTE ENERGY CO SUB DEB 62
DTSS	DATASEA INC COM NEW
DTW	DTE ENERGY CO JR SUB DB 2017 E
DTY	DTE ENERGY CO JR SUB DB 2016 F
DUC	DUFF & PHELPS UTIL CORP BD TR COM

DUG	PROSHARES TR ULSHOIL&GASNEW13
DUK	DUKE ENERGY CORP NEW COM NEW
DUK-A	DUKE ENERGY CORP NEW DP REP PFD A
DUKB	DUKE ENERGY CORP NEW 5.625% JR SB DB
DUKH	DUKE ENERGY CORP NEW JR SUB DEB 73
DUO	FANGDD NETWORK GROUP LTD SPONSORED ADS
DUOT	DUOS TECHNOLOGIES GROUP INC COM
DUSA	DAVIS FUNDAMENTAL ETF TR SELECT US EQTY
DUSL	DIREXION SHS ETF TR DLY INDL BU 3X
DUST	DIREXION SHS ETF TR DAILY GOLD MINER
DVA	DAVITA INC COM
DVAX	DYNAVAX TECHNOLOGIES CORP COM NEW
DVD	DOVER MOTORSPORTS INC COM
DVLU	FIRST TR EXCHANGE-TRADED FD VI DORSY WRGH VLU
DVN	DEVON ENERGY CORP NEW COM
DVOL	FIRST TR EXCHANGE-TRADED FD VI DORSY WR MOMNT
DVP	ETF SER SOLUTIONS DEEP VALUE ETF
DVY	ISHARES TR SELECT DIVID ETF
DVYA	ISHARES INC ASIA/PAC DIV ETF
DVYE	ISHARES INC EM MKTS DIV ETF
DWAS	INVESCO EXCH TRADED FD TR II DWA SMLCP MENT
DWAT	ARROW INVTS TR DWA TACTICAL ETF
DWAW	ADVISORSHARES TR DORSY FSM ALCP
DWCR	ARROW INVTS TR DWA COUNTRY ETF
DWEQ	ADVISORSHARES TR DORSY ALPH EQL
DWFI	SPDR SER TR DORSEY WRGT FI
DWLD	DAVIS FUNDAMENTAL ETF TR SELECT WRLD WI
DWM	WISDOMTREE TR INTL EQUITY FD
DWMC	ADVISORSHARES TR DORSY MICR ETF
DWMF	WISDOMTREE TR INTK MLTIFACTR
DWPP	FIRST TR EXCHANGE-TRADED FD DORSEY WRIGHT PE
DWSH	ADVISORSHARES TR DORSY SHRT ETF
DWSN	DAWSON GEOPHYSICAL CO NEW COM
DWUS	ADVISORSHARES TR DORSY FSM US

DWX	SPDR INDEX SHS FDS S&P INTL ETF
DX	DYNEX CAP INC COM
DX-B	DYNEX CAP INC PFD SER B 7.625%
DX-C	DYNEX CAP INC 6.9% SER C PFD
DXC	DXC TECHNOLOGY CO COM
DXCM	DEXCOM INC COM
DXD	PROSHARES TR PSHS ULDO30 NEW
DXF	DUNXIN FINL HLDGS LTD SPONSORED ADS
DXGE	WISDOMTREE TR GERMANY HEDEQ FD
DXJ	WISDOMTREE TR JAPN HEDGE EQT
DXJS	WISDOMTREE TR JPN SCAP HDG EQT
DXLG	DESTINATION XL GROUP INC COM
DXPE	DXP ENTERPRISES INC NEW COM NEW
DXR	DAXOR CORP COM
DXYN	DIXIE GROUP INC CL A
DY	DYCOM INDS INC COM
DYAI	DYADIC INTL INC DEL COM
DYHG	DIREXION SHS ETF TR DYNAMIC HEDGE
DYNF	BLACKROCK ETF TRUST US EQT FACTOR
DYNT	DYNATRONICS CORP COM NEW
DZK	DIREXION SHS ETF TR DLY DEV MKT BULL
DZSI	DASAN ZHONG SOLUTIONS INC COM NEW
DZZ	DEUTSCHE BK AG LONDON BRH GOLD DOUBLE SHOR
E	ENI S P A SPONSORED ADR
EA	ELECTRONIC ARTS INC COM
EAB	ENERGY ARKANSAS LLC 1MTG BD 52
EAD	WELLS FARGO INCOME OPPORTUNITI WF INC OPPTY FD
EAE	ENERGY ARKANSAS LLC 1STMTG BD4.75%63
EAF	GRAFTECH INTL LTD COM
EAGG	ISHARES TR ESG US AGR BD
EAI	ENERGY ARKANSAS LLC 1M BD 4.875%66
EARN	ELLINGTON RESIDENTIAL MTG REIT COM SHS BEN INT
EARS	AURIS MEDICAL HOLDING LTD SHS
EASG	DBX ETF TR XTRACKERS MSCI

EASI	AMPLIFY ETF TR EASI TACTICAL
EAST	EASTSIDE DISTILLING INC COM
EAT	BRINKER INTL INC COM
EB	EVENTBRITE INC COM CL A
EBAY	EBAY INC. COM
EBAYL	EBAY INC. NT 56
EBF	ENNIS INC COM
EBIX	EBIX INC COM NEW
EBIZ	GLOBAL X FDS E COMMERCE ETF
EBMT	EAGLE BANCORP MONT INC COM
EBND	SPDR SER TR BLOMBRG BRC EMRG
EBR	CENTRAIS ELETRICAS BRASILEIRAS SPONSORED ADR
EBR.B	CENTRAIS ELETRICAS BRASILEIRAS SPON ADR PFD B
EBS	EMERGENT BIOSOLUTIONS INC COM
EBSB	MERIDIAN BANCORP INC MD COM
EBTC	ENTERPRISE BANCORP INC MASS COM
EC	ECOPETROL S A SPONSORED ADS
ECC	EAGLE PT CR CO LLC COM
ECCB	EAGLE POINT CREDIT COMPANY INC PFD STK SER B
ECCX	EAGLE POINT CREDIT COMPANY INC 6.6875% NT 28
ECCY	EAGLE POINT CREDIT COMPANY INC 6.75% NT DE 2027
ECF	ELLSWORTH GROWTH & INCOME FD L COM
ECF-A	ELLSWORTH GROWTH & INCOME FD L 5.25% PFD SER A
ECHO	ECHO GLOBAL LOGISTICS INC COM
ECL	ECOLAB INC COM
ECL\$	ECL\$
ECLN	FIRST TR EXCHANGE-TRADED FD IV EIP CARBON IMP
ECNS	ISHARES TR CHINA SM-CAP ETF
ECOL	US ECOLOGY INC COM
ECOLW	US ECOLOGY INC WT EXP 101723
ECOM	CHANNELADVISOR CORP COM
ECON	COLUMBIA ETF TR II EMRG MARKETS ETF
ECOR	ELECTROCORE INC COM
ECOW	PACER FDS TR EMRG MKT CASH

ECOZ	LISTED FD TR TRUESHS ESG ACTV
ECPG	ENCORE CAP GROUP INC COM
ECT	ECA MARCELLUS TR I COM UNIT
ED	CONSOLIDATED EDISON INC COM
EDAP	EDAP TMS S A SPONSORED ADR
EDC	DBX ETF TR DLY EMG MK BL 3X
EDD	MORGAN STANLEY EMERGING MKTS D COM
EDF	STONE HBR EMERGING MKTS INCOME COM
EDI	STONE HBR EMERGING MKTS TOTAL COM
EDIT	EDITAS MEDICINE INC COM
EDIV	SPDR INDEX SHS FDS S&P EM MKT DIV
EDN	EMPRESA DIST Y COMERCIAL NORTE SPON ADR
EDNT	EDISON NATION INC COM
EDOG	ALPS ETF TR EM SECT DIV DG
EDOW	FIRST TRUST PORTFOLIOS LP DOW 30 EQL WGT
EDRY	EURODRY LTD COM
EDSA	EDESA BIOTECH INC COM
EDU	NEW ORIENTAL ED & TECHNOLOGY G SPON ADR
EDUC	EDUCATIONAL DEV CORP COM
EDV	VANGUARD WORLD FD EXTENDED DUR
EDZ	DIREXION SHS ETF TR DAILY MSCI EMERG
EE	EL PASO ELEC CO COM NEW
EEA	EUROPEAN EQUITY FD INC COM
EEFT	EURONET WORLDWIDE INC COM
EEH	SWEDISH EXPT CR CORP ELEMENT USETN22
EELV	INVESCO EXCH TRADED FD TR II S&P EMRNG MKTS
EEM	ISHARES TR MSCI EMG MKT ETF
EEMA	ISHARES INC MSCI EM ASIA ETF
EEMD	ETF SER SOLUTIONS AAM S&P EMRG
EEMO	INVESCO EXCH TRADED FD TR II S&P EMRNG MMTM
EEMS	ISHARES INC EM MKT SM-CP ETF
EEMX	SPDR INDEX SHS FDS MSCI EMR MKT ETF
EES	WISDOMTREE TR US SMALLCAP FUND
EET	PROSHARES TR MSCI EMRG ETF

EEV	PROSHARES TR SHT MSCI NEW
EEX	EMERALD HOLDING INC COM
EFA	ISHARES TR MSCI EAFE ETF
EFAS	GLOBAL X FDS MSCI SUPDIV EA
EFAX	SPDR INDEX SHS FDS MSCI EAFE FS ETF
EFC	ELLINGTON FINANCIAL INC COM
EFC-A	ELLINGTON FINANCIAL INC 6.75% SER A PFD
EFF	EATON VANCE FLTG RATE INCOM FD COM SHS BEN INT
EFL	EATON VANCE FLTNG RATE 2022 TR COM
EFO	PROSHARES TR ULTR MSCI ETF
EFOI	ENERGY FOCUS INC COM
EFR	EATON VANCE SR FLTNG RTE TR COM
EFSC	ENTERPRISE FINL SVCS CORP COM
EFT	EATON VANCE FLTNG RATE INC TR COM
EFU	PROSHARES TR ULSH MSCIEAF NEW
EFX	EQUIFAX INC COM
EFZ	PROSHARES TR PSHS SH MSCI EAF
EGAN	EGAIN CORP COM NEW
EGBN	EAGLE BANCORP INC MD COM
EGF	BLACKROCK ENHANCED GOVT FD INC COM
EGHT	8X8 INC NEW COM
EGIF	EAGLE GRWTH & INCOME OPPTY FD COM SHS BEN IN
EGLE	EAGLE BULK SHIPPING INC SHS NEW
EGO	ELDORADO GOLD CORP NEW COM
EGOV	NIC INC COM
EGP	EASTGROUP PPTY INC COM
EGPT	VANECK VECTORS ETF TR EGYPT INDX ETF
EGRX	EAGLE PHARMACEUTICALS INC COM
EGY	VAALCO ENERGY INC COM NEW
EH	EHANG HLDGS LTD ADS
EHC	ENCOMPASS HEALTH CORP COM
EHI	WESTERN ASSET GLOBAL HIGH INCO COM
EHT	EATON VANCE HIGH INCOME 2021 COM SH BEN INT
EHTH	EHEALTH INC COM

EIC	EAGLE POINT INCOME COMPANY INC COM
EIDO	ISHARES TR MSCI INDONESIA ETF
EIDX	EIDOS THERAPEUTICS INC COM
EIG	EMPLOYERS HOLDINGS INC COM
EIGI	ENDURANCE INTL GROUP HLDGS INC COM
EIGR	EIGER BIOPHARMACEUTICALS INC COM
EIM	EATON VANCE MUN BD FD COM
EINC	VANECK VECTORS ETF TR ENERGY INCOME
EIRL	ISHARES TR MSCI IRELAND ETF
EIS	ISHARES INC MSCI ISRAEL ETF
EIX	EDISON INTL COM
EJAN	INNOVATOR ETFS TR MSCI EMGR MKT
EJUL	INNOVATOR ETFS TR MSCI EMGR MKT
EKAR	EXCHANGE TRADED CONCEPTS TR IDEANOMICS NXTGN
EKSO	EKSO BIONICS HLDGS INC COM
EL	LAUDER ESTEE COS INC CL A
ELA	ENVELA CORP COM
ELAN	ELANCO ANIMAL HEALTH INC COM
ELAT	ELANCO ANIMAL HEALTH INC 5% TNGBL EQTY UT
ELC	ENTERGY LA LLC COLLATERAL TR MT
ELD	WISDOMTREE TR EM LCL DEBT FD
ELF	E L F BEAUTY INC COM
ELGX	ENDOLOGIX INC COM NEW
ELJ	ENTERGY LA LLC 1ST MTG5.25%
ELLO	ELLOMAY CAPITAL LIMITED SHS
ELMD	ELECTROMED INC COM
ELOX	ELOXX PHARMACEUTICALS INC COM
ELP	COMPANHIA PARANAENSE ENERG COP SPON ADR PFD
ELS	EQUITY LIFESTYLE PPTYS INC COM
ELSE	ELECTRO-SENSORS INC COM
ELTK	ELTEK LTD SHS
ELU	ENTERGY LA LLC 1ST MTG BD
ELVT	ELEVATE CREDIT INC COM
ELY	CALLAWAY GOLF CO COM

EMAG	VANECK VECTORS ETF TR EMERGING MKTS AG
EMAN	EMAGIN CORP COM NEW
EMB	ISHARES TR JPMORGAN USD EMG
EMBD	GLOBAL X FDS X EMERGING MKT
EMBH	ISHARES U S ETF TR INT RT HD EMRG
EMCB	WISDOMTREE TR WSDM EMKTBD FD
EMCF	EMCLAIRE FINL CORP COM
EMD	WESTERN ASSET EMERGING MKTS DE COM
EME	EMCOR GROUP INC COM
EMF	TEMPLETON EMERGING MKTS FD COM
EMFM	GLOBAL X FDS MSCI NXT EMRNG
EMIF	ISHARES TR EMGR MKT INF ETF
EMKR	EMCORE CORP COM NEW
EML	EASTERN CO COM
EMLC	VANECK VECTORS ETF TR JP MORGAN MKTS
EMLP	FIRST TR EXCHANGE-TRADED FD IV NO AMER ENERGY
EMMF	WISDOMTREE TR EMGRING MKTS
EMN	EASTMAN CHEM CO COM
EMNT	PIMCO ETF TR ENHANCD SHORT
EMO	CLEARBRIDGE ENERGY MIDSTRM OPP COM
EMP	ENTERGY MISSISSIPPI LLC 4.90 1ST BD 66
EMQQ	EXCHANGE TRADED CONCEPTS TR EMQQ EM INTERN
EMR	EMERSON ELEC CO COM
EMSG	DBX ETF TR XTKR MSCI EMRG
EMTY	PROSHARES TR DECLINE RETAIL
EMX	EMX RTY CORP COM
EMXC	ISHARES INC MSCI EMRG CHN
ENB	ENBRIDGE INC COM
ENBA	ENBRIDGE INC 6.375 SNT18 B 78
ENBL	ENABLE MIDSTREAM PARTNERS LP COM UNIT RP IN
ENDP	ENDO INTL PLC SHS
ENFR	ALPS ETF TR ALERIAN ENERGY
ENG	ENGLOBAL CORP COM
ENIA	ENEL AMERICAS S A SPONSORED ADR

ENIC	ENEL CHILE S.A. SPONSORED ADR
ENJ	ENTERGY NEW ORLEANS LLC 1ST MTG 5% 52
ENLC	ENLINK MIDSTREAM LLC COM UNIT REP LTD
ENLV	ENLIVEX THERAPEUTICS LTD COM
ENO	ENTERGY NEW ORLEANS LLC 1ST MTG BD 66
ENOB	ENOCHIAN BIOSCIENCES INC COM
ENPH	ENPHASE ENERGY INC COM
ENR	ENERGIZER HLDGS INC NEW COM
ENR-A	ENERGIZER HLDGS INC NEW 7.5 MCNV PFD A
ENS	ENERSYS COM
ENSG	ENSIGN GROUP INC COM
ENSV	ENSERVCO CORP COM
ENT	GLOBAL EAGLE ENTMT INC COM NEW
ENTA	ENANTA PHARMACEUTICALS INC COM
ENTG	ENTEGRIS INC COM
ENTR	ENTREPRENEURSHARES SER TRUST ERSHARES 30 ETF
ENTX	ENTERA BIO LTD SHS
ENTXW	ENTERA BIO LTD WT EXP 062723
ENV	ENVESTNET INC COM
ENVA	ENOVA INTL INC COM
ENX	EATON VANCE NEW YORK MUN BD FD COM
ENZ	ENZO BIOCHEM INC COM
ENZL	ISHARES TR NEW ZEALAND ETF
EOD	WELLS FARGO GLOBAL DIVIDEND OP COM
EOG	EOG RES INC COM
EOI	EATON VANCE ENHANCED EQ INC FD COM
EOLS	EVOLUS INC COM
EOS	EATON VANCE ENH EQTY INC FD II COM
EOT	EATON VANCE NATL MUN OPPORTUNI COM SHS
EP-C	EL PASO ENERGY CAP TR I PFD CV TR SECS
EPAC	ENERPAC TOOL GROUP CORP CL A COM
EPAM	EPAM SYS INC COM
EPAY	BOTTOMLINE TECH DEL INC COM
EPC	EDGEWELL PERS CARE CO COM

EPD	ENTERPRISE PRODS PARTNERS L P COM
EPHE	ISHARES TR MSCI PHILIPS ETF
EPI	WISDOMTREE TR INDIA ERNGS FD
EPIX	ESSA PHARMA INC COM NEW
EPM	EVOLUTION PETROLEUM CORP COM
EPOL	ISHARES TR MSCI POLAND ETF
EPP	ISHARES INC MSCI PAC JP ETF
EPR	EPR PPTYS COM SH BEN INT
EPR-C	EPR PPTYS PFD C CNV 5.75%
EPR-E	EPR PPTYS CONV PFD 9% SR E
EPR-G	EPR PPTYS 5.750% CUM PFD G
EPRT	ESSENTIAL PPTYS RLTY TR INC COM
EPS	WISDOMTREE TR US LARGE CAP FUND
EPSN	EPSILON ENERGY LTD COM
EPU	ISHARES TR MSCI PERU ETF
EPV	PROSHARES TR ULTSHT FTSE EURO
EPZM	EPIZYME INC COM
EQ	EQUILLIUM INC COM
EQAL	INVESCO EXCH TRADED FD TR II RUSEL 1000 EQL
EQBK	EQUITY BANCSHARES INC COM CL A
EQC	EQUITY COMWLTH COM SH BEN INT
EQC-D	EQUITY COMWLTH CUM PFD S D 6.5%
EQH	EQUITABLE HLDGS INC COM
EQH-A	EQUITABLE HLDGS INC DEP SHS RP PFD A
EQIX	EQUINIX INC COM
EQL	ALPS ETF TR EQUAL SEC ETF
EQNR	EQUINOR ASA SPONSORED ADR
EQR	EQUITY RESIDENTIAL SH BEN INT
EQRR	PROSHARES TR EQTS FOR RISIN
EQS	EQUUS TOTAL RETURN INC COM
EQT	EQT CORP COM
EQWL	INVESCO EXCHANGE TRADED FD TR S&P 100 EQL WIGH
EQX	EQUINOX GOLD CORP COM
ERC	WELLS FARGO MULTI SECTOR INCOM COM

ERF	ENERPLUS CORP COM
ERH	WELLS FARGO UTILITIES AND HIGH WF UTILITIES INC
ERI	ELDORADO RESORTS INC COM
ERIC	ERICSSON ADR B SEK 10
ERIE	ERIE INDY CO CL A
ERII	ENERGY RECOVERY INC COM
ERJ	EMBRAER S.A. SPONSORED ADS
ERM	FIRST TR EXCHNG TRADED FD VIII EQUITYCOMPASS
EROS	EROS INTL PLC SHS NEW
ERSX	ENTREPRENEURSHARES SER TRUST NON US SML CP
ERUS	ISHARES INC MSCI RUSSIA ETF
ERX	DIREXION SHS ETF TR DLY ENRGY BULL2X
ERY	DIREXION SHS ETF TR DAILY ENERGY BEA
ERYP	ERYTECH PHARMA SPONSORED ADR
ES	EVERSOURCE ENERGY COM
ESBA	EMPIRE ST RLTY OP L P UNIT LTD PRTNSP
ESBK	ELMIRA SVGS BK ELMIRA N Y COM
ESCA	ESCALADE INC COM
ESE	ESCO TECHNOLOGIES INC COM
ESEA	EUROSEAS LTD SHS
ESGD	ISHARES TR ESG MSCI EAFE
ESGE	ISHARES INC ESG MSCI EM ETF
ESGN	COLUMBIA ETF TR I SUSTNBLE INTL
ESGR	ENSTAR GROUP LIMITED SHS
ESGRO	ENSTAR GROUP LTD 7% DP RP PFD E
ESGRP	ENSTAR GROUP LTD DEP SHS PFD D
ESGS	COLUMBIA ETF TR I SUSTANABLE US
ESGU	ISHARES TR ESG MSCI USA ETF
ESI	ELEMENT SOLUTIONS INC COM
ESLT	ELBIT SYS LTD ORD
ESNG	DIREXION SHS ETF TR MSCI USA ESG
ESNT	ESSENT GROUP LTD COM
ESP	ESPEY MFG & ELECTRS CORP COM
ESPO	VANECK VECTORS ETF TR VIDEO GAMING

ESPR	ESPERION THERAPEUTICS INC NEW COM
ESQ	ESQUIRE FINL HLDGS INC COM
ESRT	EMPIRE ST RLTY TR INC CL A
ESS	ESSEX PPTY TR INC COM
ESSA	ESSA BANCORP INC COM
ESSC	EAST STONE ACQUISITION CORP SHS
ESSCR	EAST STONE ACQUISITION CORP RT
ESSCU	EAST STONE ACQUISITION CORP UNIT EX 123126
ESSCW	EAST STONE ACQUISITION CORP WT 123126
ESTA	ESTABLISHMENT LABS HLDGS INC COM
ESTC	ELASTIC N V ORD SHS
ESTE	EARTHSTONE ENERGY INC CL A
ESXB	COMMUNITY BANKERS TR CORP COM
ET	ENERGY TRANSFER LP COM UT LTD PTN
ETB	EATON VANCE TAX MNGED BUY WRIT COM
ETFC	E TRADE FINANCIAL CORP COM NEW
ETG	EATON VANCE TX ADV GLBL DIV FD COM
ETH	ETHAN ALLEN INTERIORS INC COM
ETHO	ETF MANAGERS TR ETHO CLIMATE LEA
ETI-	ENERGY TEXAS INC 5.375% PFD A
ETJ	EATON VANCE RISK MNGD DIV EQTY COM
ETM	ENTERCOM COMMUNICATIONS CORP CL A
ETN	EATON CORP PLC SHS
ETNB	89BIO INC COM
ETO	EATON VANCE TX ADV GLB DIV OP COM
ETON	ETON PHARMACEUTICALS INC COM
ETP-C	ENERGY TRANSFER OPERATING L P PFD UNIT SER C
ETP-D	ENERGY TRANSFER OPERATING L P 7.625 PFD UNIT D
ETP-E	ENERGY TRANSFER OPERATING L P CUM PFD UNIT E
ETR	ENERGY CORP NEW COM
ETRN	EQUITRANS MIDSTREAM CORP COM
ETSY	ETSY INC COM
ETTX	ENTASIS THERAPEUTICS HLDGS INC COM
ETV	EATON VANCE TX MNG BY WRT OPP COM

ETW	EATON VANCE TXMGD GL BUYWR OPP COM
ETX	EATON VANCE MUN INCOME 2028 TE SHS
ETY	EATON VANCE TX MGD DIV EQ INCM COM
EUDG	WISDOMTREE TR EURO QTLY DIV GR
EUFN	ISHARES TR MSCI EURO FL ETF
EUFX	PROSHARES TR II PROSHS SHT EUR
EUM	PROSHARES TR PSHS SH MSCI EMR
EUMV	ISHARES TR MIN VOL EUROPE
EUO	PROSHARES TR II ULTRASHRT EURO
EURL	DIREXION SHS ETF TR DLY FTS BUL 3X
EURN	EURONAV NV ANTWERPEN SHS
EUSA	ISHARES INC MSCI EQUAL WEITE
EUSC	WISDOMTREE TR EUR HDG SMLCAP
EV	EATON VANCE CORP COM NON VTG
EVA	ENVIVA PARTNERS LP COM UNIT
EVBG	EVERBRIDGE INC COM
EVBN	EVANS BANCORP INC COM NEW
EVC	ENTRAVISION COMMUNICATIONS CP CL A
EVER	EVERQUOTE INC COM CL A
EVF	EATON VANCE SR INCOME TR SH BEN INT
EVFM	EVOFEM BIOSCIENCES INC COM
EVG	EATON VANCE SHORT DURATION DIV COM
EVGN	EVOGENE LTD SHS
EVH	EVOLENT HEALTH INC CL A
EVI	EVI INDUSTRIES INC COM
EVK	EVER GLORY INTL GRP INC COM NEW
EVLO	EVELO BIOSCIENCES INC COM
EVM	EATON VANCE CALIF MUN BD FD COM
EVN	EATON VANCE MUNI INCOME TRUST SH BEN INT
EVOK	EVOKE PHARMA INC COM
EVOL	EVOLVING SYS INC COM NEW
EVOP	EVO PMTS INC CL A COM
EVR	EVERCORE INC CLASS A
EVRG	EVERGY INC COM

EVRI	EVERI HLDGS INC COM
EVSI	ENVISION SOLAR INTL INC COM
EVSIW	ENVISION SOLAR INTL INC WT EXP 123023
EVT	EATON VANCE TAX ADVT DIV INCM COM
EVTC	EVERTEC INC COM
EVV	EATON VANCE LTD DURATION INCOM COM
EVX	VANECK VECTORS ETF TR ENVIRONMENTAL SV
EVY	EATON VANCE NEW YORK MUN INCOM SH BEN INT
EW	EDWARDS LIFESCIENCES CORP COM
EWA	ISHARES INC MSCI AUST ETF
EWBC	EAST WEST BANCORP INC COM
EWC	ISHARES INC MSCI CDA ETF
EWCO	INVESCO EXCHANGE TRADED FD TR S&P 500A EQL
EWD	ISHARES INC MSCI SWEDEN ETF
EWG	ISHARES INC MSCI GERMANY ETF
EWH	ISHARES INC MSCI HONG KG ETF
EWI	ISHARES INC MSCI ITALY ETF
EWJ	ISHARES INC MSCI JPN ETF NEW
EWJE	ISHARES TR MSCI JP EQU
EWJV	ISHARES TR MSCI JP VALUE
EWK	ISHARES INC MSCI BELGIUM ETF
EWL	ISHARES INC MSCI SWITZERLAND
EWM	ISHARES INC MSCI MLY ETF NEW
EWMC	INVESCO EXCHANGE TRADED FD TR S&P MDQP400 EQ
EWN	ISHARES INC MSCI NETHERL ETF
EWO	ISHARES INC MSCI AUSTRIA ETF
EWP	ISHARES INC MSCI SPAIN ETF
EWQ	ISHARES INC MSCI FRANCE ETF
EWRE	INVESCO EXCHANGE TRADED FD TR S&P500 EQL REL
EWS	ISHARES INC MSCI SINGPOR ETF
EWSC	INVESCO EXCHANGE TRADED FD TR S&P SML 600 EQ
EWT	ISHARES INC MSCI TAIWAN ETF
EWU	ISHARES TR MSCI UK ETF NEW
EWV	PROSHARES TR ULTSHT MSCI JAP

EWV	ISHARES INC MSCI MEXICO ETF
EWX	SPDR INDEX SHS FDS S&P EMKTSC ETF
EWY	ISHARES INC MSCI STH KOR ETF
EWZ	ISHARES INC MSCI BRAZIL ETF
EWZS	ISHARES TR BRAZIL SM-CP ETF
EXAS	EXACT SCIENCES CORP COM
EXC	EXELON CORP COM
EXD	EATON VANCE TAX MNGD BUY WRITE COM SH BEN INT
EXEL	EXELIXIS INC COM
EXFO	EXFO INC SUB VTG SHS
EXG	EATON VANCE TAX-MANAGED GLOBAL COM
EXI	ISHARES TR GLOB INDSTRL ETF
EXK	ENDEAVOUR SILVER CORP COM
EXLS	EXLSERVICE HOLDINGS INC COM
EXP	EAGLE MATERIALS INC COM
EXPC	EXPERIENCE INVT CORP COM CL A
EXPCU	EXPERIENCE INVT CORP UNIT EX 090126
EXPCW	EXPERIENCE INVT CORP WT EXP 090126
EXPD	EXPEDITORS INTL WASH INC COM
EXPE	EXPEDIA GROUP INC COM NEW
EXPI	EXP WORLD HLDGS INC COM
EXPO	EXPONENT INC COM
EXPR	EXPRESS INC COM
EXR	EXTRA SPACE STORAGE INC COM
EXTN	EXTERRAN CORP COM
EXTR	EXTREME NETWORKS INC COM
EYE	NATIONAL VISION HLDGS INC COM
EYEG	EYEGATE PHARMACEUTICALS INC COM NEW
EYEGW	EYEGATE PHARMACEUTICALS INC WT EXP 080520
EYEN	EYENOVIA INC COM
EYES	SECOND SIGHT MED PRODS INC COM NEW
EYESW	SECOND SIGHT MED PRODS INC WT EXP 031424
EYPT	EYEPOINT PHARMACEUTICALS INC COM
EZA	ISHARES INC MSCI STH AFR ETF

EZJ	PROSHARES TR UL MSCI JP ETF
EZM	WISDOMTREE TR US MIDCAP FUND
EZPW	EZCORP INC CL A NON VTG
EZT	ENTERGY TEXAS INC 1ST MTG BD 64
F	FORD MTR CO DEL COM
F-B	FORD MTR CO DEL 6.2 SR NT 59
F-C	FORD MTR CO DEL CAL NT 59
FAAR	FIRST TR EXCHNG TRADED FD VII ALT ABSLT STRG
FAB	FIRST TR MULTI CP VAL ALPHA FD SHS ISSUED FRST
FAD	FIRST TR MULTI CAP GROWTH ALPH COM SHS
FAF	FIRST AMERN FINL CORP COM
FALN	ISHARES TR FALN ANGLS USD
FAM	FIRST TR ABERDEEN GLBL OPP FD COM SHS
FAMI	FARMMI INC SHS
FAN	FIRST TR EXCHANGE TRADED FD II GBL WND ENRG ETF
FANG	DIAMONDBACK ENERGY INC COM
FANH	FANHUA INC SPONSORED ADR
FARM	FARMER BROS CO COM
FARO	FARO TECHNOLOGIES INC COM
FAS	DIREXION SHS ETF TR DLY FIN BULL NEW
FAST	FASTENAL CO COM
FAT	FAT BRANDS INC COM
FATE	FATE THERAPEUTICS INC COM
FAUS	FIRST TR EXCH TRD ALPHDX FD II AUSTRALIA ALPH
FAX	ABERDEEN ASIA-PACIFIC INCOME F COM
FAZ	DIREXION SHS ETF TR DAILY FINL BEAR
FB	FACEBOOK INC CL A
FBC	FLAGSTAR BANCORP INC COM PAR .001
FBGX	UBS AG LONDON BRANCH EN LG CP GRWTH
FBHS	FORTUNE BRANDS HOME & SEC INC COM
FBIO	FORTRESS BIOTECH INC COM
FBIOP	FORTRESS BIOTECH INC 9.375% CUM PFD A
FBIZ	FIRST BUS FINL SVCS INC WIS COM
FBK	FB FINL CORP COM

FBM	FOUNDATION BLDG MATLS INC COM
FBMS	FIRST BANCSHARES INC MS COM
FBNC	FIRST BANCORP N C COM
FBND	FIDELITY MERRIMACK STR TR TOTAL BD ETF
FBP	FIRST BANCORP P R COM NEW
FBRX	FORTE BIOSCIENCES INC COM
FBSS	FAUQUIER BANKSHARES INC VA COM
FBT	FIRST TR EXCHANGE-TRADED FD NY ARCA BIOTECH
FBZ	FIRST TR EXCH TRD ALPHDX FD II BRAZIL ALPHADEx
FC	FRANKLIN COVEY CO COM
FCA	FIRST TR EXCH TRD ALPHDX FD II CHINA ALPHADEx
FCAL	FIRST TR EXCH TRADED FD III CALIF MUN INCM
FCAN	FIRST TR EXCH TRD ALPHDX FD II CANADA ALPHA
FCAP	FIRST CAPITAL INC COM
FCAU	FIAT CHRYSLER AUTOMOBILES N V SHS
FCBC	FIRST CMNTY BANKSHARES INC VA COM
FCBP	FIRST CHOICE BANCORP COM
FCCO	FIRST CMNTY CORP S C COM
FCCY	1ST CONSTITUTION BANCORP COM
FCEF	FIRST TR EXCHNG TRADED FD VIII CEF INCM OPPTY
FCEL	FUELCELL ENERGY INC COM
FCF	FIRST COMWLTH FINL CORP PA COM
FCFS	FIRSTCASH INC COM
FCG	FIRST TR EXCHANGE-TRADED FD NAT GAS ETF
FCN	FTI CONSULTING INC COM
FCNCA	FIRST CTZNS BANCSHARES INC N C CL A
FCNCP	FIRST CTZNS BANCSHARES INC 5.375 DEP PFD A
FCO	ABERDEEN GLOBAL INCOME FD INC COM
FCOM	FIDELITY COVINGTON TR MSCI COMMNTN SVC
FCOR	FIDELITY MERRIMACK STR TR CORP BOND ETF
FCPT	FOUR CORNERS PPTY TR INC COM
FCT	FIRST TR SR FLG RTE INCM FD II COM
FCVT	FIRST TR EXCHANGE-TRADED FD IV SSI STRG ETF
FCX	FREEMPORT-MCMORAN INC CL B

FDBC	FIDELITY D & D BANCORP INC COM
FDD	FIRST TR STOXX EUROPEAN SELECT COMMON SHS
FDEF	FIRST DEFIANCE FINL CORP COM
FDEU	FIRST TR DYNAMIC EUROPE EQUITY COM SHS
FDHY	FIDELITY COVINGTON TR HIGH YILD ETF
FDIS	FIDELITY COVINGTON TR MSCI CONSM DIS
FDIV	FIRST TR EXCHANGE-TRADED FD IV FT STRG INCM ETF
FDL	FIRST TR MORNINGSTAR DIVID LEA SHS
FDLO	FIDELITY COVINGTON TR LOW VOLITY ETF
FDM	FIRST TR DOW JONES SELECT MICR COM SHS ANNUAL
FDMO	FIDELITY COVINGTON TR MOMENTUM FACTR
FDN	FIRST TR EXCHANGE-TRADED FD DJ INTERNT IDX
FDNI	FIRST TR EXCHANGE TRADED FD II DJ INTL INTRNT
FDP	FRESH DEL MONTE PRODUCE INC ORD
FDRR	FIDELITY COVINGTON TR DIVID ETF RISI
FDS	FACTSET RESH SYS INC COM
FDT	FIRST TR EXCH TRD ALPHDX FD II DEV MRK EX US
FDTS	FIRST TR EXCH TRD ALPHDX FD II EX US SML CP
FDUS	FIDUS INVT CORP COM
FDUSG	FIDUS INVT CORP NT 24
FDUSL	FIDUS INVT CORP 5.875% NT 23
FDUSZ	FIDUS INVT CORP 6% NT 24
FDVV	FIDELITY COVINGTON TR HIGH DIVID ETF
FDX	FEDEX CORP COM
FE	FIRSTENERGY CORP COM
FEAC	FLYING EAGLE ACQUISITION CORP COM
FEAC+	FLYING EAGLE ACQUISITION CORP WT EXP 022627
FEAC=	FLYING EAGLE ACQUISITION CORP UNIT
FEDU	FOUR SEASONS ED CAYMAN INC ADR
FEI	FIRST TR MLP & ENERGY INCOME COM
FEIM	FREQUENCY ELECTRS INC COM
FELE	FRANKLIN ELEC INC COM
FEM	FIRST TR EXCH TRD ALPHDX FD II EMERG MKT ALPH
FEMB	FIRST TR EXCH TRADED FD III EME MRK BD ETF

FEMS	FIRST TR EXCH TRD ALPHDX FD II EM SML CP ALPH
FEN	FIRST TR ENERGY INCOME & GRW COM
FENC	FENNEC PHARMACEUTICALS INC COM
FENG	PHOENIX NEW MEDIA LTD SPONSORED ADS
FENY	FIDELITY COVINGTON TR MSCI ENERGY IDX
FEO	FIRST TR/ABERDEEN EMERG OPT FD COM
FEP	FIRST TR EXCH TRD ALPHDX FD II EUROPE ALPHADEX
FET	FORUM ENERGY TECHNOLOGIES INC COM
FEUL	CREDIT SUISSE NASSAU BRANCH FI ENHNCD EUR 50
FEUZ	FIRST TR EXCH TRD ALPHDX FD II EURO ALPHADEX
FEX	FIRST TR LRGE CP CORE ALPHA FD COM SHS
FEYE	FIREEYE INC COM
FEZ	SPDR INDEX SHS FDS EURO STOXX 50
FF	FUTUREFUEL CORP COM
FFA	FIRST TR ENHANCED EQTY INC FD COM
FFBC	FIRST FINL BANCORP OH COM
FFBW	FFBW INC MD COM
FFC	FLAHERTY & CRUMRIN PFD & INM S COM
FFEU	BARCLAYS BANK PLC ENHANCED EURP C
FFG	FBL FINL GROUP INC CL A
FFHL	FUWEI FILMS HLDGS CO LTD SHS NEW
FFIC	FLUSHING FINL CORP COM
FFIN	FIRST FINL BANKSHARES COM
FFIU	SPINNAKER ETF SERIES UVA UNCONSTRAIND
FFIV	F5 NETWORKS INC COM
FFNW	FIRST FINANCIAL NORTHWEST INC COM
FFR	FIRST TR FTSE EPRA / NAREIT DE COM
FFTY	INNOVATOR ETFS TR IBD 50 ETF
FFWM	FIRST FNDTN INC COM
FGB	FIRST TRUST SPECIALTY FINANCE COM BEN INTR
FGBI	FIRST GTY BANCSHARES INC COM
FGD	FIRST TR EXCHANGE TRADED FD II DJ GLBL DIVID
FGEN	FIBROGEN INC COM
FGM	FIRST TR EXCH TRD ALPHDX FD II GERMANY ALPHA

FHB	FIRST HAWAIIAN INC COM
FHI	FEDERATED HERMES INC CL B
FHK	FIRST TR EXCH TRD ALPHDX FD II HONG KONG ALPH
FHLC	FIDELITY COVINGTON TR MSCI HLTH CARE I
FHN	FIRST HORIZON NATL CORP COM
FHN-A	FIRST HORIZON NATL CORP DEP SHS
FHN-E	FIRST HORIZON NATL CORP 6.50 DP RP PFD E
FI	FRANKS INTL N V COM
FIBK	FIRST INTST BANCSYSTEM INC COM CL A
FICO	FAIR ISAAC CORP COM
FID	FIRST TR EXCHANGE-TRADED FD VI S&P INTL DIVID
FIDI	FIDELITY COVINGTON TR INT HG DIV ETF
FIDU	FIDELITY COVINGTON TR MSCI INDL INDX
FIEE	UBS AG LONDON BRANCH FI ENHAN EUR ETN
FIF	FIRST TR ENERGY INFRASTRCTR FD COM
FIHD	UBS AG LONDON BRANCH FI ENHANCD ETN
FILL	ISHARES INC GLB ENR PROD ETF
FINS	ANGEL OAK FINL STRATEGIES INCM COM BEN INT
FINV	FINVOLUTION GROUP SPONSORED ADS
FINX	GLOBAL X FDS FINTECH ETF
FIS	FIDELITY NATL INFORMATION SVCS COM
FISI	FINANCIAL INSTNS INC COM
FISK	EMPIRE ST RLTY OP L P UNIT LTD PRT 250
FISR	SSGA ACTIVE TR SPDR SSGA FXD
FISV	FISERV INC COM
FIT	FITBIT INC CL A
FITB	FIFTH THIRD BANCORP COM
FITBI	FIFTH THIRD BANCORP DEP 1/1000 PFD
FITBO	FIFTH THIRD BANCORP 4.95 SHS PDF K
FITBP	FIFTH THIRD BANCORP 6% DP SH CL B SR
FITE	SPDR SER TR S&P KENSHO FUTRE
FIV	FIRST TR SR FLOATING RATE 2022 COM SHS
FIVA	FIDELITY COVINGTON TR INT VL FCT ETF
FIVE	FIVE BELOW INC COM

FIVG	ETF SER SOLUTIONS DEFIANCE NEXT
FIVN	FIVE9 INC COM
FIW	FIRST TR EXCHANGE TRADED FD WTR ETF
FIX	COMFORT SYS USA INC COM
FIXD	FIRST TR EXCHNG TRADED FD VIII TCW OPPORTUNIS
FIXX	HOMOLOGY MEDICINES INC COM
FIYY	BARCLAYS BANK PLC NT LKD 33
FIZZ	NATIONAL BEVERAGE CORP COM
FJNK	PACIFIC GLOBAL ETF TR FOCUSD HI YLD
FJP	FIRST TR EXCH TRD ALPHDX FD II JAPAN ALPHADIX
FKO	FIRST TR EXCH TRD ALPHDX FD II STH KOREA ALPH
FKU	FIRST TR EXCH TRD ALPHDX FD II UNIT KING ALPH
FL	FOOT LOCKER INC COM
FLAU	FRANKLIN TEMPLETON ETF TR FTSE AUSTRALIA
FLAX	FRANKLIN TEMPLETON ETF TR FRANKLIN ASIA
FLBR	FRANKLIN TEMPLETON ETF TR FTSE BRAZIL
FLC	FLAHERTY & CRUMRINE TOTAL RETU COM
FLCA	FRANKLIN TEMPLETON ETF TR FTSE CANADA
FLCB	FRANKLIN TEMPLETON ETF TR LIBERTY US COR
FLCH	FRANKLIN TEMPLETON ETF TR FTSE CHINA
FLCO	FRANKLIN TEMPLETON ETF TR LIBERTY INVT
FLDM	FLUIDIGM CORP DEL COM
FLEE	FRANKLIN TEMPLETON ETF TR FTSE EUROPE
FLEH	FRANKLIN TEMPLETON ETF TR FTSE EUROPE HG
FLEU	BARCLAYS BANK PLC NT LKD SER B26
FLEX	FLEX LTD ORD
FLFR	FRANKLIN TEMPLETON ETF TR FTSE FRANCE
FLGB	FRANKLIN TEMPLETON ETF TR FTSE UNTD KGDM
FLGE	CREDIT SUISSE AG NASSAU BRH LG CP GRTH ENH
FLGR	FRANKLIN TEMPLETON ETF TR FTSE GERMANY
FLGT	FULGENT GENETICS INC COM
FLGV	FRANKLIN TEMPLETON ETF TR US TRESRY BD
FLHK	FRANKLIN TEMPLETON ETF TR FTSE HONG KONG
FLIC	FIRST LONG IS CORP COM

FLIN	FRANKLIN TEMPLETON ETF TR FRANKLIN INDIA
FLIR	FLIR SYS INC COM
FLIY	FRANKLIN TEMPLETON ETF TR FTSE ITALY ETF
FLJH	FRANKLIN TEMPLETON ETF TR FTSE JAPAN HDG
FLJP	FRANKLIN TEMPLETON ETF TR FTSE JAPAN ETF
FLKR	FRANKLIN TEMPLETON ETF TR FTSE SOUTH KOREA
FLL	FULL HOUSE RESORTS INC COM
FLLA	FRANKLIN TEMPLETON ETF TR FTSE LATN AMRC
FLLV	FRANKLIN TEMPLETON ETF TR LIBERTY US ETF
FLM	FIRST TR EXCHANGE TRADED FD II GLOBAL ENGR ETF
FLMB	FRANKLIN TEMPLETON ETF TR LIBERTY MN ETF
FLMI	FRANKLIN TEMPLETON ETF TR LIBERTY INTER
FLMN	FALCON MINERALS CORP CL A COM
FLMNW	FALCON MINERALS CORP WT EXP 072122
FLMX	FRANKLIN TEMPLETON ETF TR FTSE MEXICO
FLN	FIRST TR EXCH TRD ALPHDX FD II LATIN AMER ALP
FLNG	FLEX LNG LTD SHS
FLNT	FLUENT INC COM
FLO	FLOWERS FOODS INC COM
FLOW	SPX FLOW INC COM
FLQD	FRANKLIN TEMPLETON ETF TR LIBERTYQ GBL
FLQE	FRANKLIN TEMPLETON ETF TR LIBERTYQ EMERG
FLQG	FRANKLIN TEMPLETON ETF TR LIBERTYQ EQUITY
FLQH	FRANKLIN TEMPLETON ETF TR LIBERTYQ INTL
FLR	FLUOR CORP NEW COM
FLRN	SPDR SER TR BLOMBERG BRC INV
FLRT	PACIFIC GLOBAL ETF TR GLOBAL SR LN ETF
FLRU	FRANKLIN TEMPLETON ETF TR FRANKLIN RUSIA
FLS	FLOWSERVE CORP COM
FLSA	FRANKLIN TEMPLETON ETF TR FTSE SAUDI ARB
FLSP	FRANKLIN TEMPLETON ETF TR LIBERTY SYSTM
FLSW	FRANKLIN TEMPLETON ETF TR FRANKLN SWZLND
FLT	FLEETCOR TECHNOLOGIES INC COM
FLTB	FIDELITY MERRIMACK STR TR LTD TRM BD ETF

FLTR	VANECK VECTORS ETF TR INVT GRADE FLTG
FLTW	FRANKLIN TEMPLETON ETF TR FTSE TAIWAN
FLWS	FLWS/1-800 FLOWERS CL A
FLXN	FLEXION THERAPEUTICS INC COM
FLXS	FLEXSTEEL INDS INC COM
FLY	FLY LEASING LTD SPONSORED ADR
FLYT	DIREXION SHS ETF TR FLIGHT TO SAFT
FLZA	FRANKLIN TEMPLETON ETF TR FTSE SOUTH AFR
FM	ISHARES INC MSCI FRNTR100ETF
FMAO	FARMERS & MERCHANTS BANCORP IN COM
FMAT	FIDELITY COVINGTON TR MSCI MATLS INDEX
FMB	FIRST TR EXCH TRADED FD III MANAGD MUN ETF
FMBH	FIRST MID BANCSHARES INC COM
FMBI	FIRST MIDWEST BANCORP DEL COM
FMBIP	FIRST MIDWEST BANCORP DEL DP 1/40 NC PPF A
FMC	F M C CORP COM NEW
FMCI	FORUM MERGER II CORP CL A
FMCIU	FORUM MERGER II CORP UNIT EX 093025
FMCIW	FORUM MERGER II CORP WT EXP 093025
FMF	FIRST TR EXCHANGE-TRADED FD V MNGD FUTRS STRGY
FMHI	FIRST TR EXCH TRADED FD III MUNI HI INCM ETF
FMK	FIRST TR EXCH TRD ALPHDX FD II MEGA CAP ALPHA
FMN	FEDERATED PREMIER INTER MUN IN COM
FMNB	FARMERS NATIONAL BANC CORP COM
FMO	FIDUCIARY CLAYMORE ENGRY INFRA COM
FMS	FRESENIUS MED CARE AG&CO KGAA SPONSORED ADR
FMX	FOMENTO ECONOMICO MEXICANO SAB SPON ADR UNITS
FMY	FIRST TRUST MORTGAGE INCM FD COM SHS
FN	FABRINET SHS
FNB	F N B CORP COM
FNB-E	F N B CORP FLA DEP SHS 1/40 PFD
FNCB	FNCB BANCORP INC COM
FNCL	FIDELITY COVINGTON TR MSCI FINLS IDX
FND	FLOOR & DECOR HLDGS INC CL A

FNDA	SCHWAB STRATEGIC TR SCHWAB FDT US SC
FNDB	SCHWAB STRATEGIC TR SCHWAB FDT US BM
FNDC	SCHWAB STRATEGIC TR SCHWB FDT INT SC
FNDE	SCHWAB STRATEGIC TR SCHWB FDT EMK LG
FNDF	SCHWAB STRATEGIC TR SCHWB FDT INT LG
FNDX	SCHWAB STRATEGIC TR SCHWAB FDT US LG
FNF	FIDELITY NATIONAL FINANCIAL IN FNF GROUP COM
FNGD	BANK OF MONTREAL MICROSCTRS 3X
FNGO	BANK OF MONTREAL 2X LEVERAGED
FNGS	BANK MONTREAL QUE MICRSECTR FANG
FNGU	BANK OF MONTREAL MICROSECTRS IDX
FNGZ	BANK OF MONTREAL 2X INVERSE LEV
FNHC	FEDNAT HLDG CO COM
FNI	FIRST TRUST PORTFOLIOS LP CHINDIA ETF
FNJN	FINJAN HLDGS INC COM NEW
FNK	FIRST TR EXCH TRD ALPHDX FD II MID CAP VAL FD
FNKO	FUNKO INC COM CL A
FNLC	FIRST BANCORP INC ME COM
FNV	FRANCO NEV CORP COM
FNWB	FIRST NORTHWEST BANCORP COM
FNX	FIRST TR MID CAP CORE ALPHADIX COM SHS
FNY	FIRST TR EXCH TRD ALPHDX FD II MID CP GR ALPH
FOCS	FOCUS FINL PARTNERS INC COM CL A
FOE	FERRO CORP COM
FOF	COHEN & STEERS CLOSED END OPPO COM
FOLD	AMICUS THERAPEUTICS INC COM
FONR	FONAR CORP COM NEW
FOR	FORESTAR GROUP INC COM
FORD	FORWARD INDS INC N Y COM NEW
FORK	FULING GLOBAL INC SHS
FORM	FORMFACTOR INC COM
FORR	FORRESTER RESH INC COM
FORTY	FORMULA SYS 1985 LTD SPONSORED ADS
FOSL	FOSSIL GROUP INC COM

FOUR	SHIFT4 PMTS INC CL A
FOVL	ISHARES TR FOCUSD VAL FAC
FOX	FOX CORP CL B COM
FOXA	FOX CORP CL A COM
FOXF	FOX FACTORY HLDG CORP COM
FPA	FIRST TR EXCH TRD ALPHDX FD II ASIA EX JAPAN
FPAC	FAR PT ACQUISITION CORP COM CL A
FPAC+	FAR PT ACQUISITION CORP WT EXP 060125
FPAC=	FAR PT ACQUISITION CORP UNIT EX 060125
FPAY	FLEXSHOPPER INC COM NEW
FPE	FIRST TR EXCH TRADED FD III PFD SECS INC ETF
FPEI	FIRST TR EXCH TRADED FD III INSTL PFD SECS
FPF	FIRST TR INTER DUR PFD & IN FD COM
FPH	FIVE POINT HOLDINGS LLC COM CL A
FPI	FARMLAND PARTNERS INC COM
FPI-B	FARMLAND PARTNERS INC 6% PFD SER B
FPL	FST TR NEW OPPORT MLP & ENE FD COM
FPRX	FIVE PRIME THERAPEUTICS INC COM
FPX	FIRST TR EXCHANGE TRADED FD US EQTY OPPT ETF
FPXE	FIRST TR EXCHANGE TRADED FD II IPOX EUROPE EQ
FPXI	FIRST TR EXCHANGE TRADED FD II INTL EQUITY OPP
FQAL	FIDELITY COVINGTON TR QLTY FCTOR ETF
FR	FIRST INDL RLTY TR INC COM
FRA	BLACKROCK FLOATING RATE INCOME COM
FRAF	FRANKLIN FINL SVCS CORP COM
FRAK	VANECK VECTORS ETF TR UNCVTL OIL GAS
FRAN	FRANCESSAS HLDGS CORP COM NEW
FRBA	FIRST BANK WILLIAMSTOWN NJ COM
FRBK	REPUBLIC FIRST BANCORP INC COM
FRC	FIRST REP BK SAN FRANCISCO CAL COM
FRC-F	FIRST REP BK SAN FRANCISCO CAL 5.70 DPRP PFD F
FRC-G	FIRST REP BK SAN FRANCISCO CAL DEP PFD SER G
FRC-H	FIRST REP BK SAN FRANCISCO CAL DEP SHS RP PFD H
FRC-I	FIRST REP BK SAN FRANCISCO 5.50% NCUM PFD I

FRC-J	FIRST REP BK SAN FRANCISCO CAL 4.70 DP RP PFD J
FRD	FRIEDMAN INDS INC COM
FREL	FIDELITY COVINGTON TR MSCI RL EST ETF
FREQ	FREQUENCY THERAPEUTICS INC COM
FRG	FRANCHISE GROUP INC COM
FRGI	FIESTA RESTAURANT GROUP INC COM
FRHC	FREEDOM HLDG CORP NEV COM
FRI	FIRST TR S&P REIT INDEX FD COM
FRLG	GS FIN CORP MEDIUM TERM NTS
FRME	FIRST MERCHANTS CORP COM
FRO	FRONTLINE LTD SHS NEW
FRPH	FRP HLDGS INC COM
FRPT	FRESHPET INC COM
FRSX	FORESIGHT AUTONOMOUS HLDGS LTD SPONSORED ADS
FRT	FEDERAL REALTY INVNT TR SH BEN INT NEW
FRT-C	FEDERAL REALTY INVNT TR 5% CUM PFD C
FRTA	FORTERRA INC COM
FSB	FRANKLIN FINL NETWORK INC COM
FSBW	FS BANCORP INC COM
FSCT	FORESCOUT TECHNOLOGIES INC COM
FSD	FIRST TR HIGH INCOME L/S FD COM
FSEA	FIRST SEACOAST BANCORP COM
FSFG	FIRST SAVINGS FINL GROUP INC COM
FSI	FLEXIBLE SOLUTIONS INTL INC COM
FSK	FS KKR CAPITAL CORP COM
FSKR	FS KKR CAP CORP II COM
FSLF	FIRST EAGLE SENIOR LOAN FUND COM NEW
FSLR	FIRST SOLAR INC COM
FSLY	FASTLY INC CL A
FSM	FORTUNA SILVER MINES INC COM
FSMB	FIRST TR EXCH TRADED FD III SHRT DUR MNG MUN
FSMD	FIDELITY COVINGTON TR SML MID FACTR
FSP	FRANKLIN STR PPTYS CORP COM
FSRV	FINSERV ACQUISITION CORP CL A

FSRVU	FINSERV ACQUISITION CORP UNIT EX 123126
FSRVW	FINSERV ACQUISITION CORP WT EXP 123126
FSS	FEDERAL SIGNAL CORP COM
FSTA	FIDELITY COVINGTON TR CONSMR STAPLES
FSTR	FOSTER L B CO COM
FSV	FIRSTSERVICE CORP NEW COM
FSZ	FIRST TR EXCH TRD ALPHDX FD II SWITZLND ALPHA
FT	FRANKLIN UNVL TR SH BEN INT
FTA	FIRST TR LRG CP VL ALPHADFX FD COM SHS
FTAC	FINTECH ACQUISITION CORP III COM CL A
FTACU	FINTECH ACQUISITION CORP III UNIT EX 120123
FTACW	FINTECH ACQUISITION CORP III WT EXP 120123
FTAG	FIRST TR EXCHANGE TRADED FD II INDXX GLOBAL AGR
FTAI	FORTRESS TRANS INFRST INVS LLC COM REP LTD LIAB
FTAI-A	FORTRESS TRANS INFRST INVS LLC 8.25 CUM PFD A
FTAI-B	FORTRESS TRANS INFRST INVS LLC 8.00% PFD SER B
FTC	FIRST TRUST LRGCP GWT ALPHADFX COM SHS
FTCH	FARFETCH LTD ORD SH CL A
FTCS	FIRST TR EXCHANGE-TRADED FD CAP STRENGTH ETF
FTDR	FRONTDOOR INC COM
FTEC	FIDELITY COVINGTON TR MSCI INFO TECH I
FTEK	FUEL TECH INC COM
FTF	FRANKLIN LTD DURATION INCOME T COM
FTFT	FUTURE FINTECH GROUP INC COM
FTGC	FIRST TR EXCHANGE-TRADED FD VI FST TR GLB FD
FTHI	FIRST TR EXCHANGE-TRADED FD VI BUYWRIT INCM ETF
FTI	TECHNIPFMC PLC COM
FTK	FLOTEK INDS INC DEL COM
FTLB	FIRST TR EXCHANGE-TRADED FD VI HEDGED BUYWRITE
FTLS	FIRST TR EXCH TRADED FD III LNG/SHT EQUITY
FTNT	FORTINET INC COM
FTRI	FIRST TR EXCHANGE TRADED FD II INDXX NAT RE ETF
FTS	FORTIS INC COM
FTSD	FRANKLIN ETF TR LIBERTY SHRT ETF

FTSI	FTS INTERNATIONAL INC COM NEW
FTSL	FIRST TR EXCHANGE-TRADED FD IV SENIOR LN FD
FTSM	FIRST TR EXCHANGE-TRADED FD IV FIRST TR ENH NEW
FTV	FORTIVE CORP COM
FTV-A	FORTIVE CORP 5% PFD CNV SER A
FTXD	FIRST TR EXCHANGE-TRADED FD VI NASDAQ RETAIL
FTXG	FIRST TR EXCHANGE-TRADED FD VI NASDQ FOD BVRG
FTXH	FIRST TR EXCHANGE-TRADED FD VI NASDQ PHRMTCLS
FTXL	FIRST TR EXCHANGE-TRADED FD VI NASDQ SEMCNDTR
FTXN	FIRST TR EXCHANGE-TRADED FD VI NASDQ OIL GAS
FTXO	FIRST TR EXCHANGE-TRADED FD VI NASDAQ BK ETF
FTXR	FIRST TR EXCHANGE-TRADED FD VI NASDAQ TRANSN
FUD	UBS AG JERSEY BRH CMCI FOOD ETN
FUE	SWEDISH EXPT CR CORP BIOFUELS TTL RTN
FUL	FULLER H B CO COM
FULC	FULCRUM THERAPEUTICS INC COM
FULT	FULTON FINL CORP PA COM
FUMB	FIRST TR EXCH TRADED FD III ULTRA SHT DUR MU
FUN	CEDAR FAIR L P DEPOSITRY UNIT
FUNC	FIRST UTD CORP COM
FUND	SPROTT FOCUS TR INC COM
FUSB	FIRST US BANCSHARES INC COM
FUTU	FUTU HLDGS LTD SPON ADS CL A
FUTY	FIDELITY COVINGTON TR MSCI UTILS INDEX
FUV	ARCIMOTO INC COM
FV	FIRST TR EXCHANGE-TRADED FD VI DORSEY WRT 5 ETF
FVAC=	FORTRESS VALUE ACQUISITION COR UNIT
FVAL	FIDELITY COVINGTON TR VLU FACTOR ETF
FVC	FIRST TR EXCHANGE-TRADED FD VI DORSEY WRIGHT
FVCB	FVCBANKCORP INC COM
FVD	FIRST TR VALUE LINE DIVID INDE SHS
FVE	FIVE STAR SENIOR LIVING INC COM NEW
FVL	FIRST TR VALUE LINE 100 EX TR COM SHS
FVRR	FIVERR INTL LTD ORD SHS

FWDB	ADVISORSHARES TR FOLIOBEYOND SMRT
FWONA	LIBERTY MEDIA CORP DEL COM SER A FRMLA
FWONK	LIBERTY MEDIA CORP DEL COM SER C FRMLA
FWP	FORWARD PHARMA A/S SPONSORD ADS NEW
FWRD	FORWARD AIR CORP COM
FXA	INVESCO CURRENCYSHARES AUSTRAL AUSTRALIAN DOL
FXB	INVESCO CURRENCYSHARES BRIT PO BRIT POUN STRL
FXC	INVESCO CURRENCYSHARES CDN DLR CDN DLR SHS
FXD	FIRST TR EXCHANGE TRADED FD II CONSUMR DISCRE
FXE	INVESCO CURRENCYSHARES EURO TR EURO SHS
FXF	INVESCO CURRENCYSHARES SWISS F SWISS FRANC
FXG	FIRST TR EXCHANGE TRADED FD II CONSUMR STAPLE
FXH	FIRST TR EXCHANGE TRADED FD II HLTH CARE ALPH
FXI	ISHARES TR CHINA LG-CAP ETF
FXL	FIRST TR EXCHANGE TRADED FD II TECH ALPHADIX
FXN	FIRST TR EXCHANGE TRADED FD II ENERGY ALPHADX
FXNC	FIRST NATL CORP COM
FXO	FIRST TR EXCHANGE TRADED FD II FINLS ALPHADIX
FXP	PROSHARES TR ULTSHT FT CH 50
FXR	FIRST TR EXCHANGE TRADED FD II INDLS PROD DUR
FXU	FIRST TR EXCHANGE TRADED FD II UTILITIES ALPH
FXV	INVESCO CURRENCYSHARES JAPANES JAPANESE YEN
FXZ	FIRST TR EXCHANGE TRADED FD II MATERIALS ALPH
FYC	FIRST TR EXCH TRD ALPHDX FD II SML CP GRW ALP
FYT	FIRST TR EXCH TRD ALPHDX FD II SML CAP VAL AL
FYX	FIRST TR SML CP CORE ALPHA FD COM SHS
G	GENPACT LIMITED SHS
GAB	GABELLI EQUITY TR INC COM
GAB-G	GABELLI EQUITY TR INC PFD-G
GAB-H	GABELLI EQUITY TR INC PFD SER H 5.00%
GAB-J	GABELLI EQUITY TR INC PFD CUM SER J
GAB-K	GABELLI EQUITY TR INC 5% PFD SER K
GABC	GERMAN AMERN BANCORP INC COM
GAIA	GAIA INC NEW CL A

GAIN	GLADSTONE INVT CORP COM
GAINL	GLADSTONE INVT CORP 6.375% PFD SER E
GAINM	GLADSTONE INVT CORP PFD SER D
GAL	SSGA ACTIVE ETF TR GLOBL ALLO ETF
GALT	GALECTIN THERAPEUTICS INC COM NEW
GAM	GENERAL AMERN INVS INC COM
GAM-B	GENERAL AMERN INVS INC PFD B 5.95%
GAMR	ETF MANAGERS TR WEDBUSH VID GAME
GAN	GAN LTD ORD SHS
GARS	GARRISON CAP INC COM
GASS	STEALTHGAS INC SHS
GATX	GATX CORP COM
GAU	GALIANO GOLD INC COM
GAZ	BARCLAYS BK PLC IPATH B BG ETN
GBAB	GUGGENHEIM TAXABLE MUN MNGD DU COM
GBCI	GLACIER BANCORP INC NEW COM
GBDC	GOLUB CAP BDC INC COM
GBDV	GLOBAL BETA ETF TR SMART INCOME
GBF	ISHARES TR GOV/CRED BD ETF
GBIL	GOLDMAN SACHS ETF TR ACCES TREASURY
GBIO	GENERATION BIO CO COM
GBL	GAMCO INVS INC CL A COM
GBLI	GLOBAL INDTY LTD CAYMAN USD CL A SHS
GBLIL	GLOBAL INDTY LTD CAYMAN SUB NT 47
GBLIZ	GLOBAL INDTY LTD CAYMAN SUB NT
GBR	NEW CONCEPT ENERGY INC COM
GBT	GLOBAL BLOOD THERAPEUTICS INC COM
GBUG	BARCLAYS BANK PLC IPATH GLD ETN A
GBUY	GOLDMAN SACHS ETF TR NEW AGE CONSU
GBX	GREENBRIER COS INC COM
GCAP	GAIN CAP HLDGS INC COM
GCBC	GREENE COUNTY BANCORP INC COM
GCC	WISDOMTREE CONTINUOUS COMMODIT SHS BEN INT
GCE	GS FIN CORP ETN CLAYMORE37

GCI	GANNETT CO INC COM
GCO	GENESCO INC COM
GCP	GCP APPLIED TECHNOLOGIES INC COM
GCV	GABELLI CONV&INCOM SECS FD INC COM
GD	GENERAL DYNAMICS CORP COM
GDAT	GOLDMAN SACHS ETF TR DATA DRIVE WRLD
GDDY	GODADDY INC CL A
GDEN	GOLDEN ENTMT INC COM
GDL	GDL FD COM SH BEN IT
GDL-C	GDL FD 4% CUM PFD SER C
GDMA	ETF SER SOLUTIONS GADSDN DYN MLT
GDNA	GOLDMAN SACHS ETF TR HUMAN EVOLUTION
GDO	WESTERN ASSET GLOBAL CP DEFINE COM
GDOT	GREEN DOT CORP CL A
GDP	GOODRICH PETE CORP COM PAR
GDS	GDS HLDGS LTD SPONSORED ADS
GDV	GABELLI DIVID & INCOME TR COM
GDV-A	GABELLI DIVID & INCOME TR PFD SER A
GDV-G	GABELLI DIVID & INCOME TR PFD SER G
GDV-H	GABELLI DIVID & INCOME TR 5.375 SR H CUM P
GDX	VANECK VECTORS ETF TR GOLD MINERS ETF
GDXJ	VANECK VECTORS ETF TR JR GOLD MINERS E
GDYN	GRID DYNAMICS HLDGS INC CL A
GDYNW	GRID DYNAMICS HLDGS INC WT EXP 030525
GE	GENERAL ELECTRIC CO COM
GEC	GREAT ELM CAP GROUP INC COM NEW
GECC	GREAT ELM CAP CORP COM
GECCL	GREAT ELM CAP CORP 6.5% NT DUE 2022
GECCM	GREAT ELM CAP CORP 6.75% NT 25
GECCN	GREAT ELM CAP CORP CAL NT 24
GEF	GREIF INC CL A
GEF.B	GREIF INC CL B
GEL	GENESIS ENERGY L P UNIT LTD PARTN
GEM	GOLDMAN SACHS ETF TR ACTIVEBETA EME

GEN	GENESIS HEALTHCARE INC CL A COM
GENC	GENCOR INDS INC COM
GENE	GENETIC TECHNOLOGIES LTD NEW SPONSRD ADR
GENY	PRINCIPAL EXCHANGE-TRADED FDS PRCPL MIL INDX
GEO	GEO GROUP INC NEW COM
GEOS	GEOSPACE TECHNOLOGIES CORP COM
GER	GOLDMAN SACHS MLP ENERGY RENAI COM
GERN	GERON CORP COM
GES	GUESS INC COM
GEVO	GEVO INC COM PAR
GF	NEW GERMANY FD INC COM
GFED	GUARANTY FED BANCSHARES INC COM
GFF	GRIFFON CORP COM
GFI	GOLD FIELDS LTD SPONSORED ADR
GFIN	GOLDMAN SACHS ETF TR FINANCE REIMAGI
GFL	GFL ENVIRONMENTAL INC SUB VTG SHS
GFLU	GFL ENVIRONMENTAL INC TANGIBLE EQ UNIT
GFN	GENERAL FIN CORP DEL COM
GFNCP	GENERAL FIN CORP DEL RED PRP PFD C
GFNSL	GENERAL FIN CORP DEL SR NT
GFY	WESTERN ASSET VAR RT STRG FD COM
GGAL	GRUPO FINANCIERO GALICIA S.A. SPONSORED ADR
GGB	GERDAU SA SPON ADR REP PFD
GGG	GRACO INC COM
GGM	GUGGENHEIM CR ALLOCATION FD COM
GGN	GAMCO GLOBAL GOLD NAT RES & COM SH BEN INT
GGN-B	GAMCO GLOBAL GOLD NAT RES & PFD SER B 5.00%
GGO	GABELLI GO ANYWHERE TR COM
GGO-A	GABELLI GO ANYWHERE TR CUM PUTT PFD A
GGT	GABELLI MULTIMEDIA TR INC COM
GGT-E	GABELLI MULTIMEDIA TR INC 5.125% PFD SER E
GGT-G	GABELLI MULTIMEDIA TR INC 5.125 PFD SR G
GGZ	GABELLI GLB SML & MD CP VAL TR COM
GGZ-A	GABELLI GLB SML & MD CP VAL TR PFD CUM SER A

GH	GUARDANT HEALTH INC COM
GHC	GRAHAM HLDGS CO COM CL B
GHG	GREENTREE HOSPITALTY GROUP LTD SPONSORED ADS
GHIV	GORES HLDGS IV INC COM CL A
GHIVU	GORES HLDGS IV INC UNIT EXP 020123
GHIVW	GORES HLDGS IV INC WT EXP 012225
GHL	GREENHILL & CO INC COM
GHM	GRAHAM CORP COM
GHSI	GUARDION HEALTH SCIENCES INC COM NEW
GHY	PGIM GLOBAL HIGH YIELD FD FORM COM
GHYB	GOLDMAN SACHS ETF TR ACCESS HIG YLD
GIB	CGI INC CL A SUB VTG
GIFI	GULF ISLAND FABRICATION INC COM
GIGB	GOLDMAN SACHS ETF TR ACCESS INVT GR
GIGE	TIDAL ETF TR SOFI GIG ETF
GIGM	GIGAMEDIA LTD SHS NEW
GII	SPDR INDEX SHS FDS S&P GBLINF ETF
GIII	G III APPAREL GROUP LTD COM
GIK=	GIGCAPITAL3 INC UNIT
GIL	GILDAN ACTIVEWEAR INC COM
GILD	GILEAD SCIENCES INC COM
GILT	GILAT SATELLITE NETWORKS LTD SHS NEW
GIM	TEMPLETON GLOBAL INCOME FD COM
GIS	GENERAL MLS INC COM
GIX	GIGCAPITAL2 INC COM
GIX+	GIGCAPITAL2 INC WT EXP 022826
GIX=	GIGCAPITAL2 INC UNIT EX 022826
GIX^	GIGCAPITAL2 INC RT
GJH	STRATS TR UTD STS CELLULAR CP STRATS 6.375
GJO	STRATS TR WAL MART STORES INC STRT CTF 05-4
GJP	STRATS TR FOR DOMINION RES INC STRT CTF 05-6
GJR	STRATS TR FOR PROCTR&GAMBL SEC CTF 2006-1
GJS	STRATS TR GOLDMAN SACHS GROUP STRATS CTF 33
GJT	STRATS TR ALLSTATE CORP 06-3 ASSET BKD

GKOS	GLAUKOS CORP COM
GL	GLOBE LIFE INC COM
GL-C	GLOBE LIFE INC 6.125 SUB DEB 56
GLAD	GLADSTONE CAPITAL CORP COM
GLADD	GLADSTONE CAPITAL CORP 6.125% SR NT23
GLADL	GLADSTONE CAPITAL CORP 5.375% NT 2024
GLBS	GLOBUS MARITIME LIMITED NEW COM
GLBZ	GLEN BURNIE BANCORP COM
GLCN	VANECK VECTORS ETF TR CHINA GRWTH LEAD
GLD	SPDR GOLD TR GOLD SHS
GLDD	GREAT LAKES DREDGE & DOCK CORP COM
GLDI	CREDIT SUISSE AG NASSAU BRH X LINK GOLD SHS
GLDM	WORLD GOLD TR SPDR GLD MINIS
GLEO	GALILEO ACQUISITION CORP SHS
GLEO+	GALILEO ACQUISITION CORP WT EXP 103126
GLEO=	GALILEO ACQUISITION CORP UNIT
GLG	TD HLDGS INC COM
GLIBA	GCI LIBERTY INC COM CLASS A
GLIBP	GCI LIBERTY INC CUM PFD SER A
GLIF	AGF INVTS TR AGFIQ GBL INFR
GLIN	VANECK VECTORS ETF TR INDIA GRWTH LDR
GLL	PROSHARES TR II ULTRASHRT NEW
GLMD	GALMED PHARMACEUTICALS LTD SHS
GLNG	GOLAR LNG LTD SHS
GLO	CLOUGH GLOBAL OPPORTUNITIES FD SH BEN INT
GLOB	GLOBANT S A COM
GLOG	GASLOG LTD SHS
GLOG-A	GASLOG LTD PFD SHS SER A
GLOP	GASLOG PARTNERS LP UNIT LTD PTNRP
GLOP-A	GASLOG PARTNERS LP PFD UNIT SER A
GLOP-B	GASLOG PARTNERS LP 8.20% PFD UNIT B
GLOP-C	GASLOG PARTNERS LP 8.5 CUM PFD UT C
GLP	GLOBAL PARTNERS LP COM UNITS
GLP-A	GLOBAL PARTNERS LP 9.75 PFD UT SR A

GLPG	GALAPAGOS NV SPON ADR
GLPI	GAMING & LEISURE PPTYS INC COM
GLQ	CLOUGH GLOBAL EQUITY FD COM
GLRE	GREENLIGHT CAPITAL RE LTD CLASS A
GLT	GLATFELTER COM
GLTR	ABERDEEN STD PRECIOUS METALS B PHYSCL PM BASKET
GLU	GABELLI GLOBL UTIL & INCOME TR COM SH BEN INT
GLU-A	GABELLI GLOBL UTIL & INCOME TR PFD A PUTT CAL
GLU-B	GABELLI GLOBL UTIL & INCOME TR 7% CUM SER B
GLUU	GLU MOBILE INC COM
GLV	CLOUGH GLOBAL DIVND AND INC FD COM
GLW	CORNING INC COM
GLYC	GLYCOMIMETICS INC COM
GM	GENERAL MTRS CO COM
GMAB	GENMAB A/S SPONSORED ADS
GMAN	GOLDMAN SACHS ETF TR MANUFCTING REVL
GMBL	ESPORTS ENTMT GROUP INC COM
GMBLW	ESPORTS ENTMT GROUP INC WT EXP 033125
GMDA	GAMIDA CELL LTD SHS
GME	GAMESTOP CORP NEW CL A
GMED	GLOBUS MED INC CL A
GMF	SPDR INDEX SHS FDS ASIA PACIF ETF
GMHI	GORES METROPOULOS INC COM CL A
GMHIU	GORES METROPOULOS INC UNIT
GMHIW	GORES METROPOULOS INC WT EXP 260128
GMLP	GOLAR LNG PARTNERS LP COM UNIT LPI
GMLPP	GOLAR LNG PARTNERS LP 8.75% CUM PFD A
GMO	GENERAL MOLY INC COM
GMRE	GLOBAL MED REIT INC COM NEW
GMRE-A	GLOBAL MED REIT INC 7.50% CUM PFD A
GMS	GMS INC COM
GMTA	GATX CORP SR NT 2066
GMZ	GOLDMAN SACHS MLP INC OPP FD COM
GNAF	BANK OF MONTREAL INVERSE ETN

GNC	GNC HLDGS INC COM CL A
GNCA	GENOCEA BIOSCIENCES INC COM NEW
GNE	GENIE ENERGY LTD CL B
GNE-A	GENIE ENERGY LTD PFD-2012-A
GNFT	GENFIT S A ADS
GNK	GENCO SHIPPING & TRADING LTD SHS
GNL	GLOBAL NET LEASE INC COM NEW
GNL-A	GLOBAL NET LEASE INC 7.25% CUM PFD A
GNL-B	GLOBAL NET LEASE INC 6.875% PFD SER B
GNLN	GREENLANE HLDGS INC CL A
GNMA	ISHARES TR GNMA BOND ETF
GNMK	GENMARK DIAGNOSTICS INC COM
GNOM	GLOBAL X FDS GENOMIC BIOTECH
GNPX	GENPREX INC COM
GNR	SPDR INDEX SHS FDS GLB NAT RESRCE
GNRC	GENERAC HLDGS INC COM
GNRS	GREENROSE ACQUISITION CORP COM
GNRSU	GREENROSE ACQUISITION CORP UNIT EXP 022824
GNRSW	GREENROSE ACQUISITION CORP WT EXP 081126
GNSS	GENASYS INC COM
GNT	GAMCO NAT RES GOLD & INCOME TR SH BEN INT
GNT-A	GAMCO NAT RES GOLD & INCOME TR 5.20% PFD SER A
GNTX	GENTEX CORP COM
GNTY	GUARANTY BANCSHARES INC TEX COM
GNUS	GENIUS BRANDS INTL INC COM
GNW	GENWORTH FINL INC COM CL A
GO	GROCERY OUTLET HLDG CORP COM
GOAU	ETF SER SOLUTIONS US GBL GLD PRE
GOEX	GLOBAL X FDS GLOBAL X GOLD EX
GOF	GUGGENHEIM STRATEGIC OPPORTUN COM SBI
GOGL	GOLDEN OCEAN GROUP LTD SHS NEW
GOGO	GOGO INC COM
GOL	GOL LINHAS AEREAS INTELIGENTES SPON ADR PFD NEW
GOLD	BARRICK GOLD CORPORATION COM

GOLF	ACUSHNET HOLDINGS CORP COM
GOOD	GLADSTONE COMMERCIAL CORP COM
GOODM	GLADSTONE COMMERCIAL CORP PFD SER D
GOODN	GLADSTONE COMMERCIAL CORP 6.625 SR E PFD
GOOG	ALPHABET INC CAP STK CL C
GOOGL	ALPHABET INC CAP STK CL A
GOOS	CANADA GOOSE HLDGS INC SHS SUB VTG
GORO	GOLD RESOURCE CORP COM
GOSS	GOSSAMER BIO INC COM
GPAQ	GORDON POINTE ACQUISITION CORP COM CLASS A
GPAQU	GORDON POINTE ACQUISITION CORP UNIT EXP 011823
GPAQW	GORDON POINTE ACQUISITION CORP WT EXP 073024
GPC	GENUINE PARTS CO COM
GPI	GROUP 1 AUTOMOTIVE INC COM
GPJA	GEORGIA PWR CO 5% JR SUB NT 77
GPK	GRAPHIC PACKAGING HLDG CO COM
GPL	GREAT PANTHER MNG LTD COM
GPM	GUGGENHEIM ENHANCED EQUITY INC COM
GPMT	GRANITE PT MTG TR INC COM
GPN	GLOBAL PMTS INC COM
GPOR	GULFPORT ENERGY CORP COM NEW
GPP	GREEN PLAINS PARTNERS LP COM REP PTR IN
GPRE	GREEN PLAINS INC COM
GPRK	GEOPARK LTD USD SHS
GPRO	GOPRO INC CL A
GPS	GAP INC COM
GPX	GP STRATEGIES CORP COM
GQRE	FLEXSHARES TR GLB QLT R/E IDX
GRA	GRACE W R & CO DEL NEW COM
GRAF	GRAF INDL CORP COM
GRAF+	GRAF INDL CORP WT EXP 123125
GRAF=	GRAF INDL CORP UNIT EX 123125
GRAM	GRANA Y MONTERO S A A SPONSORED ADS
GRBK	GREEN BRICK PARTNERS INC COM

GRC	GORMAN RUPP CO COM
GREK	GLOBAL X FDS MSCI GREECE ETF
GRES	INDEXIQ ETF TR IQ GLB RES ETF
GRF	EAGLE CAP GROWTH FD INC COM
GRFS	GRIFOLS S A SP ADR REP B NVT
GRID	FIRST TR EXCHANGE TRADED FD II NASDQ CLN EDGE
GRIF	GRIFFIN INL RLTY INC COM
GRIL	MUSCLE MAKER INC COM
GRIN	GRINDROD SHIPPING HOLDINGS LTD SHS
GRMN	GARMIN LTD SHS
GRN	BARCLAYS BK PLC ETN 49
GRNB	VANECK VECTORS ETF TR GREEN BD ETF
GRNQ	GREENPRO CAP CORP COM
GRNV	GREENVISION ACQUISITION CORP COM
GRNVR	GREENVISION ACQUISITION CORP RT
GRNVU	GREENVISION ACQUISITION CORP UNIT EX 102824
GRNVW	GREENVISION ACQUISITION CORP WT EXP 102824
GROW	U S GLOBAL INVS INC CL A
GRP=	GRANITE REAL ESTATE INVT TR STAPLED UNIT
GRPN	GROUPON INC COM NEW
GRTS	GRITSTONE ONCOLOGY INC COM
GRTX	GALERA THERAPEUTICS INC COM
GRU	SWEDISH EXPT CR CORP NT LKD 23
GRUB	GRUBHUB INC COM
GRVY	GRAVITY CO LTD SPONSORED ADS NE
GRWG	GROWGENERATION CORP COM
GRX	GABELLI HLTHCARE & WELLNESS TR SHS
GRX-B	GABELLI HLTHCARE & WELLNESS TR PFD SER B 5.875%
GS	GOLDMAN SACHS GROUP INC COM
GS-A	GOLDMAN SACHS GROUP INC PFD A 1/1000
GS-C	GOLDMAN SACHS GROUP INC PFD 1/1000 C
GS-D	GOLDMAN SACHS GROUP INC SHS D 1/1000
GS-J	GOLDMAN SACHS GROUP INC DEP 1/1000 PFD J
GS-K	GOLDMAN SACHS GROUP INC DEP 1/1000 SER K

GS-N	GOLDMAN SACHS GROUP INC DEP 1/1000 SER N
GSAT	GLOBALSTAR INC COM
GSB	GLOBALSCAPE INC COM
GSBC	GREAT SOUTHN BANCORP INC COM
GSBD	GOLDMAN SACHS BDC INC SHS
GSC	GOLDMAN SACHS GROUP INC SP ENHCMD37ETN
GSEU	GOLDMAN SACHS ETF TR ACTIVEBETA EUR
GSG	ISHARES S&P GSCI COMMODITY- IN UNIT BEN INT
GSH	GUANGSHEN RY LTD SPONSORED ADR
GSHD	GOOSEHEAD INS INC COM CL A
GSIE	GOLDMAN SACHS ETF TR ACTIVEBETA INT
GSIT	GS TECHNOLOGY COM
GSJY	GOLDMAN SACHS ETF TR ACTIVEBETA JAP
GSK	GLAXOSMITHKLINE PLC SPONSORED ADR
GSKY	GREENSKY INC CL A
GSL	GLOBAL SHIP LEASE INC NEW COM CL A
GSL-B	GLOBAL SHIP LEASE INC NEW DEP SH SER-B
GSLC	GOLDMAN SACHS ETF TR ACTIVEBETA US LG
GSLD	GLOBAL SHIP LEASE INC NEW 8% SR NT 24
GSM	FERROGLOBE PLC SHS
GSMG	GLRY STR NW MDIA GRUP HLDG LTD SHS
GSMGW	GLRY STR NW MDIA GRUP HLDG LTD WT EXP 021325
GSP	BARCLAYS BANK PLC IPSPGS TTL ETN
GSS	GOLDEN STAR RES LTD CDA COM
GSSC	GOLDMAN SACHS ETF TR ACTIVEBETA US
GSUM	GRIDSUM HLDG INC SPONSORED ADR
GSV	GOLD STD VENTURES CORP COM
GSX	GSX TECHEDU INC SPONSORED ADS
GSY	INVESCO ACTIVELY MANAGED ETF ULTRA SHRT DUR
GT	GOODYEAR TIRE & RUBR CO COM
GTE	GRAN TIERRA ENERGY INC COM
GTEC	GREENLAND TECHNOLOGIES HLDG SHS NEW
GTES	GATES INDUSTRIAL CORPRATIN PLC ORD SHS
GTHX	G1 THERAPEUTICS INC COM

GTIM	GOOD TIMES RESTAURANTS INC COM NEW
GTLS	CHART INDS INC COM PAR \$0.01
GTN	GRAY TELEVISION INC COM
GTN.A	GRAY TELEVISION INC CL A
GTO	INVESCO ACTIVELY MANAGED ETF TOTAL RETURN
GTS	TRIPLE-S MGMT CORP CL B
GTT	GTT COMMUNICATIONS INC COM
GTX	GARRETT MOTION INC COM
GTY	GETTY RLTY CORP NEW COM
GTYH	GTY TECHNOLOGY HOLDINGS INC COM
GUDB	NORTHERN LTS FD TR IV SAGE ESG INTER
GUNR	FLEXSHARES TR MORNSTAR UPSTR
GURE	GULF RES INC COM
GURU	GLOBAL X FDS GLB X GURU INDEX
GUSH	DIREXION SHS ETF TR OIL GAS BL 2X SH
GUT	GABELLI UTIL TR COM
GUT-A	GABELLI UTIL TR PFD A 5.625%
GUT-C	GABELLI UTIL TR PFD CUM SER C
GV	GOLDFIELD CORP COM
GVA	GRANITE CONSTR INC COM
GVIP	GOLDMAN SACHS ETF TR HEDGE IND ETF
GVP	GSE SYS INC COM
GWB	GREAT WESTN BANCORP INC COM
GWGH	GWG HLDGS INC COM
GWPH	GW PHARMACEUTICALS PLC ADS
GWRE	GUIDEWIRE SOFTWARE INC COM
GWRS	GLOBAL WTR RES INC COM
GWW	GRAINGER W W INC COM
GWX	SPDR INDEX SHS FDS S&P INTL SMLCP
GXC	SPDR INDEX SHS FDS S&P CHINA ETF
GXF	GLOBAL X FDS FTSE NORDIC REG
GXG	GLOBAL X FDS GLBX MSCI COLUM
GXGX	GX ACQUISITION CORP COM CL A
GXGXU	GX ACQUISITION CORP UNIT EX 052426

GXGXW	GX ACQUISITION CORP WT EXP 052426
GXTG	GLOBAL X FDS THMATC GWT ETF
GYC	CABCO SER 2004-102 TR SBC CTF FLT RATE
GYLD	ARROW ETF TR ARROW DJ GLB YLD
GYRO	GYRODYNE LLC COM
H	HYATT HOTELS CORP COM CL A
HA	HAWAIIAN HOLDINGS INC COM
HACK	ETF MANAGERS TR PRIME CYBR SCRTY
HAE	HAEMONETICS CORP COM
HAFC	HANMI FINL CORP COM NEW
HAIL	SPDR SER TR S&P KENSHO SMART
HAIN	HAIN CELESTIAL GROUP INC COM
HAL	HALLIBURTON CO COM
HALL	HALLMARK FINL SVCS INC EC COM NEW
HALO	HALOZYME THERAPEUTICS INC COM
HAP	VANECK VECTORS ETF TR NAT RES ETF
HAPP	HAPPINESS BIOTECH GROUP LTD SHS
HARP	HARPOON THERAPEUTICS INC COM
HAS	HASBRO INC COM
HASI	HANNON ARMSTRONG SUST INFR CAP COM
HAUD	ISHARES TR MSCI AUSTRALIA
HAUZ	DBX ETF TR XTRACK INTL REAL
HAWX	ISHARES TR MSCI ACWI EXUS
HAYN	HAYNES INTERNATIONAL INC COM NEW
HBAN	HUNTINGTON BANCSHARES INC COM
HBANN	HUNTINGTON BANCSHARES INC DSHS 1/40 PFD
HBANO	HUNTINGTON BANCSHARES INC DEP SHS PFD D
HBB	HAMILTON BEACH BRANDS HLDG CO COM CL A
HBCP	HOME BANCORP INC COM
HBI	HANESBRANDS INC COM
HBIO	HARVARD BIOSCIENCE INC COM
HBM	HUDBAY MINERALS INC COM
HBMD	HOWARD BANCORP INC COM
HBNC	HORIZON BANCORP INC COM

HBP	HUTTIG BLDG PRODS INC COM
HBT	HBT FINL INC. COM
HCA	HCA HEALTHCARE INC COM
HCAC	HENNESSY CAP ACQUSTION CORP IV CL A COM
HCACU	HENNESSY CAP ACQUSTION CORP IV UNIT
HCACW	HENNESSY CAP ACQUSTION CORP IV WT EXP 090525
HCAP	HARVEST CAP CR CORP COM
HCAPZ	HARVEST CAP CR CORP 6.125% NT 2022
HCAT	HEALTH CATALYST INC COM
HCC	WARRIOR MET COAL INC COM
HCCH	HL ACQUISITIONS CORP SHS
HCCHR	HL ACQUISITIONS CORP RT
HCCHU	HL ACQUISITIONS CORP UNIT EX 062123
HCCHW	HL ACQUISITIONS CORP WT EXP 062123
HCCI	HERITAGE CRYSTAL CLEAN INC COM
HCCO	HEALTHCARE MERGER CORP COM CL A
HCCOU	HEALTHCARE MERGER CORP UNIT EX 121721
HCCOW	HEALTHCARE MERGER CORP WT EXP 121726
HCFT	HUNT COS FIN TR INC COM
HCHC	HC2 HLDGS INC COM
HCI	HCI GROUP INC COM
HCKT	HACKETT GROUP INC COM
HCM	HUTCHISON CHINA MEDITECH LTD SPONSORED ADR
HCR	HI-CRUSH PARTNERS LP COM
HCSG	HEALTHCARE SVCS GROUP INC COM
HCXY	HERCULES CAPITAL INC 6.25% SR NT 33
HCXZ	HERCULES CAPITAL INC 5.25% NT 25
HD	HOME DEPOT INC COM
HDAW	DBX ETF TR XTRACK MSCI ALL
HDB	HDFC BANK LTD SPONSORED ADS
HDEF	DBX ETF TR XTRACK MSCI EAFE
HDG	PROSHARES TR HD REPLICATION
HDGE	ADVISORSHARES TR RANGER EQUITY BE
HDIV	EXCHANGE LISTED FDS TR QRAFT AI-ENHNCD

HDLB	UBS AG LONDON BRANCH ETRAC MTH 2XLV B
HDMV	FIRST TR EXCH TRADED FD III HORIZON MNGD ETF
HDS	HD SUPPLY HLDGS INC COM
HDSN	HUDSON TECHNOLOGIES INC COM
HDV	ISHARES TR CORE HIGH DV ETF
HE	HAWAIIAN ELEC INDUSTRIES COM
HEAR	TURTLE BEACH CORP COM NEW
HEBT	HEBRON TECHNOLOGY CO LTD COM CLASS A
HECCU	HUDSON EXECUTIVE INVT CORP UNIT EXP 062125
HEDJ	WISDOMTREE TR EUROPE HEDGED EQ
HEES	H & E EQUIPMENT SERVICES INC COM
HEI	HEICO CORP NEW COM
HEI.A	HEICO CORP NEW CL A
HELE	HELEN OF TROY CORP LTD COM
HEP	HOLLY ENERGY PARTNERS L P COM UT LTD PTN
HEPA	HEPION PHARMACEUTICALS INC COM
HEQ	JOHN HANCOCK HDG EQ & INC FD COM
HERD	PACER FDS TR CASH COWS ETF
HERO	GLOBAL X FDS VDEO GAM ESPRT
HES	HESS CORP COM
HESM	HESS MIDSTREAM LP CL A SHS
HEWC	ISHARES TR MSCI CDA ETF
HEWG	ISHARES TR CUR HED MSCI GER
HEWI	ISHARES TR MSCI ITALY ETF
HEWJ	ISHARES TR HDG MSCI JAPAN
HEWL	ISHARES TR MSCI SWITZERLD
HEWP	ISHARES TR MSCI SPAIN ETF
HEWU	ISHARES TR MSCI UN KNGDOM
HEWW	ISHARES TR MSCI MEXICO
HEWY	ISHARES TR MSCI SO KOREA
HEXO	HEXO CORP COM
HEZU	ISHARES TR CUR HD EURZN ETF
HFBL	HOME FED BANCORP INC LA NEW COM
HFC	HOLLYFRONTIER CORP COM

HFFG	HF FOODS GROUP INC COM
HFRO	HIGHLAND INCOME FD HIGHLAND INCOME
HFRO-A	HIGHLAND INCOME FD 5.375% SR A PFD
HFWA	HERITAGE FINL CORP WASH COM
HFXE	INDEXIQ ETF TR HDGD FTSE EURO
HFXI	INDEXIQ ETF TR HDGD FTSE INTL
HFXJ	INDEXIQ ETF TR HDGD FTSE JAPN
HGH	HARTFORD FINL SVCS GROUP INC DEB FIX/FLT 42
HGLB	HIGHLAND GLOBAL ALLOCATION FD COM
HGSH	CHINA HGS REAL ESTATE INC COM
HGV	HILTON GRAND VACATIONS INC COM
HHC	HOWARD HUGHES CORP COM
HHR	HEADHUNTER GROUP PLC SPONSORED ADS
HHS	HARTE-HANKS INC COM
HHT	COLOR STAR TECHNOLOGY CO LTD SHS NEW
HI	HILLENBRAND INC COM
HIBB	HIBBETT SPORTS INC COM
HIBL	DIREXION SHS ETF TR DAILY S&P BULL
HIBS	DIREXION SHS ETF TR DAILY S&P BEAR
HIE	MILLER HOWARD HIGH INC EQTY FD COM SHS BEN IN
HIFS	HINGHAM INSTN SVGS MASS COM
HIG	HARTFORD FINL SVCS GROUP INC COM
HIG-G	HARTFORD FINL SVCS GROUP INC 6.0 DPSHS PFD G
HIHO	HIGHWAY HLDGS LTD ORD
HII	HUNTINGTON INGALLS INDS INC COM
HIL	HILL INTL INC COM
HIMX	HIMAX TECHNOLOGIES INC SPONSORED ADR
HIO	WESTERN ASSET HIGH INCM OPP FD COM
HIPR	DIREXION SHS ETF TR HIGH GROWTH
HIPS	GRANITESHARES ETF TR HIPS US HIGH INC
HIW	HIGHWOODS PPTYS INC COM
HIX	WESTERN ASSET HIGH INCM FD II COM
HJLI	HANCOCK JAFFE LABORATORIES INC COM
HJLIW	HANCOCK JAFFE LABORATORIES INC WT EXP 053023

HJPX	ISHARES TR JPX NIKKEI 400
HKIB	AMTD INTL INC SPONSORED ADS
HL	HECLA MNG CO COM
HL-B	HECLA MNG CO PFD CV SER B
HLAL	LISTED FD TR WAHED FTSE ETF
HLF	HERBALIFE NUTRITION LTD COM SHS
HLG	HAILIANG ED GROUP INC SPONSORED ADR
HLI	HOULIHAN LOKEY INC CL A
HLIO	HELIOS TECHNOLOGIES INC COM
HLIT	HARMONIC INC COM
HLM-	HILLMAN GROUP CAP TR PFD TR 11.6%
HLNE	HAMILTON LANE INC CL A
HLT	HILTON WORLDWIDE HLDGS INC COM
HLX	HELIX ENERGY SOLUTIONS GRP INC COM
HMC	HONDA MOTOR LTD AMERN SHS
HMG	HMG COURTLAND PPTYS INC COM
HMHC	HOUGHTON MIFFLIN HARCOURT CO COM
HMI	HUAMI CORP SPONSORED ADS
HMLP	HOEGH LNG PARTNERS LP COM UNIT LTD
HMLP-A	HOEGH LNG PARTNERS LP 8.75% CUM PFD A
HMN	HORACE MANN EDUCATORS CORP NEW COM
HMNF	HMN FINL INC COM
HMOP	HARTFORD FDS EXCHANGE TRADED T MUN OPORTUNITE
HMST	HOMESTREET INC COM
HMSY	HMS HLDGS CORP COM
HMTV	HEMISPHERE MEDIA GROUP INC CL A
HMY	HARMONY GOLD MINING CO LTD SPONSORED ADR
HNDL	STRATEGY SHS NS 7HANDL IDX
HNGR	HANGER INC COM NEW
HNI	HNI CORP COM
HNNA	HENNESSY ADVISORS INC COM
HNP	HUANENG PWR INTL INC SPON ADR H SHS
HNRG	HALLADOR ENERGY COMPANY COM
HNW	PIONEER DIVERSIFIED HIGH INCOM COM

HOFT	HOOKER FURNITURE CORP COM
HOG	HARLEY DAVIDSON INC COM
HOLD	ADVISORSHARES TR SAGE CORE ETF
HOLI	HOLLYSYS AUTOMATION TCHNGY LTD SHS
HOLX	HOLOGIC INC COM
HOMB	HOME BANCSHARES INC COM
HOME	AT HOME GROUP INC COM
HOMZ	ETF SER SOLUTIONS HOYA CAP HOUSI
HON	HONEYWELL INTL INC COM
HONE	HARBORONE BANCORP INC NEW COM NEW
HOOK	HOOKIPA PHARMA INC COM
HOPE	HOPE BANCORP INC COM
HOTH	HOTH THERAPEUTICS INC COM
HOV	HOVNANIAN ENTERPRISES INC CL A NEW
HOVNP	HOVNANIAN ENTERPRISES INC PFD DEP1/1000A
HP	HELMERICH & PAYNE INC COM
HPE	HEWLETT PACKARD ENTERPRISE CO COM
HPF	HANCOCK JOHN PFD INCOME FD II COM
HPI	HANCOCK JOHN PFD INCOME FD SH BEN INT
HPP	HUDSON PAC PPTYS INC COM
HPQ	HP INC COM
HPR	HIGHPOINT RES CORP COM
HPS	HANCOCK JOHN PFD INCOME FD III COM
HQH	TEKLA HEALTHCARE INVS SH BEN INT
HQI	HIREQUEST INC COM
HQL	TEKLA LIFE SCIENCES INVS SH BEN INT
HQY	HEALTHEQUITY INC COM
HR	HEALTHCARE RLTY TR COM
HRB	BLOCK H & R INC COM
HRC	HILL ROM HLDGS INC COM
HRI	HERC HLDGS INC COM
HRL	HORMEL FOODS CORP COM
HROW	HARROW HEALTH INC COM
HRTG	HERITAGE INS HLDGS INC COM

HRTX	HERON THERAPEUTICS INC COM
HRZN	HORIZON TECHNOLOGY FIN CORP COM
HSBC	HSBC HLDGS PLC SPON ADR NEW
HSBC-A	HSBC HLDGS PLC ADR A 1/40PF A
HSC	HARSCO CORP COM
HSCZ	ISHARES TR MSCI EAFE SMCP
HSDT	HELIUS MED TECHNOLOGIES INC COM CL A
HSIC	HENRY SCHEIN INC COM
HSII	HEIDRICK & STRUGGLES INTL INC COM
HSKA	HESKA CORP COM RESTRC NEW
HSMV	FIRST TR EXCH TRADED FD III HORIZON VOL SMCP
HSON	HUDSON GLOBAL INC COM NEW
HSPX	GLOBAL X FDS S&P 500 COVERED
HST	HOST HOTELS & RESORTS INC COM
HSTM	HEALTHSTREAM INC COM
HSTO	HISTOGEN INC COM
HSY	HERSHEY CO COM
HT	HERSHA HOSPITALITY TR PR SHS BEN INT
HT-C	HERSHA HOSPITALITY TR PFD SER C 6.875%
HT-D	HERSHA HOSPITALITY TR RED PFD SER D
HT-E	HERSHA HOSPITALITY TR PFD CUM RED E
HTA	HEALTHCARE TR AMER INC CL A NEW
HTAB	HARTFORD FDS EXCHANGE TRADED T SCHRDRS TAX BD
HTBI	HOMETRUST BANCSHARES INC COM
HTBK	HERITAGE COMMERCE CORP COM
HTBX	HEAT BIOLOGICS INC COM NEW
HTD	HANCOCK JOHN TAX-ADVANTAGED DI COM
HTEC	EXCHANGE TRADED CONCEPTS TR ROBO GBL HLTCR
HTFA	HORIZON TECHNOLOGY FIN CORP 6.25% NT 22
HTGC	HERCULES CAPITAL INC COM
HTGM	HTG MOLECULAR DIAGNOSTICS INC COM
HTH	HILLTOP HOLDINGS INC COM
HTHT	HUAZHU GROUP LTD SPONSORED ADS
HTIA	HEALTHCARE TRUST INC 7.375% RED PFD A

HTLD	HEARTLAND EXPRESS INC COM
HTLF	HEARTLAND FINL USA INC COM
HTRB	HARTFORD FDS EXCHANGE TRADED T TOTAL RTRN ETF
HTUS	EXCHANGE TRADED CONCEPTS TR HULL TACTIC US
HTY	HANCOCK JOHN INVNT TR TAX ADV GLB SH
HTZ	HERTZ GLOBAL HLDGS INC COM
HUBB	HUBBELL INC COM
HUBG	HUB GROUP INC CL A
HUBS	HUBSPOT INC COM
HUD	HUDSON LTD COM CL A
HUGE	FSD PHARMA INC CL B SUB VTG
HUIZ	HUIZE HLDG LTD SPONSORED ADS
HUM	HUMANA INC COM
HUN	HUNTSMAN CORP COM
HURC	HURCO COMPANIES INC COM
HURN	HURON CONSULTING GROUP INC COM
HUSA	HOUSTON AMERN ENERGY CORP COM
HUSN	HUDSON CAPITAL INC SHS
HUSV	FIRST TR EXCH TRADED FD III HORIZON DMST ETF
HUYA	HUYA INC ADS REP SHS A
HVBC	HV BANCORP INC COM
HVT	HAVERTY FURNITURE INC COM
HVT.A	HAVERTY FURNITURE INC CL A
HWBK	HAWTHORN BANCSHARES INC COM
HWC	HANCOCK WHITNEY CORPORATION COM
HWCC	HOUSTON WIRE & CABLE CO COM
HWCP	HANCOCK WHITNEY CORPORATION 5.95% SUB NT 45
HWCPZ	HANCOCK WHITNEY CORPORATION 6.25% NTS 60
HWKN	HAWKINS INC COM
HWM	HOWMET AEROSPACE INC COM
HWM-	HOWMET AEROSPACE INC PFD SER A
HX	HEXINDAI INC ADR
HXL	HEXCEL CORP NEW COM
HY	HYSTER YALE MATLS HANDLING INC CL A

HYAC	HAYMAKER ACQUISITION CORP II COM CL A
HYACU	HAYMAKER ACQUISITION CORP II UNIT EX 103126
HYACW	HAYMAKER ACQUISITION CORP II WT EXP 061126
HYB	NEW AMER HIGH INCOME FD INC COM NEW
HYDW	DBX ETF TR XTRACKERS LOW
HYEM	VANECK VECTORS ETF TR EMERGING MKTS HI
HYG	ISHARES TR IBOXX HI YD ETF
HYGH	ISHARES U S ETF TR IT RT HDG HGYL
HYGV	FLEXSHARES TR HIG YLD VL ETF
HYI	WESTERN ASSET HIGH YIELD DEFIN COM
HYLB	DBX ETF TR XTRACK USD HIGH
HYLD	EXCHANGE LISTED FDS TR HIGH YIELD ETF
HYLS	FIRST TR EXCHANGE-TRADED FD IV FIRST TR TA HIYL
HYLV	INDEXIQ ETF TR IQ S&P HGH YLD
HYMB	SPDR SER TR NUVEEN BBG BRCLY
HYMC	HYCROFT MINING HOLDING CORP COM CL A
HYMCW	HYCROFT MINING HOLDING CORP WT EXP 021225
HYRE	HYRECAR INC COM
HYS	PIMCO ETF TR 0-5 HIGH YIELD
HYT	BLACKROCK CORPOR HI YLD FD INC COM
HYTR	NORTHERN LTS FD TR III CP HI YLD TRND
HYUP	DBX ETF TR XTRACKERS HIGH
HYXE	ISHARES TR IBOXX HIG YLD EX
HYZD	WISDOMTREE TR HEDGED HI YLD BD
HZN	HORIZON GLOBAL CORP COM
HZNP	HORIZON THERAPEUTICS PUB LTD SHS
HZO	MARINEMAX INC COM
IAA	IAA INC COM
IAC	IAC INTERACTIVECORP COM
IAE	VOYA ASIA PAC DIVID EQUITY IN COM
IAF	ABERDEEN AUSTRALIA EQUITY FD I COM
IAG	IAMGOLD CORP COM
IAI	ISHARES TR US BR DEL SE ETF
IAK	ISHARES TR U.S. INSRNCE ETF

IART	INTEGRA LIFESCIENCES HLDGS CP COM NEW
IAT	ISHARES TR US REGNL BKS ETF
IAU	ISHARES GOLD TRUST ISHARES
IBA	INDUSTRIAS BACHOCO S A B DE CV SPON ADR B
IBB	ISHARES TR NASDAQ BIOTECH
IBCE	ISHARES TR IBNDS MAR23 ETF
IBCP	INDEPENDENT BK CORP MICH COM NEW
IBD	NORTHERN LTS FD TR IV INSPIRE CORP
IBDD	ISHARES TR IBONDS MAR23 ETF
IBDL	ISHARES TR IBONDS DEC20 ETF
IBDM	ISHARES TR IBONDS DEC21 ETF
IBDN	ISHARES TR IBONDS DEC22 ETF
IBDO	ISHARES TR IBONDS DEC23 ETF
IBDP	ISHARES TR IBONDS DEC24 ETF
IBDQ	ISHARES TR IBONDS DEC25 ETF
IBDR	ISHARES TR IBONDS DEC2026
IBDS	ISHARES TR IBONDS 27 ETF
IBDT	ISHARES TR IBDS DEC28 ETF
IBDU	ISHARES TR IBONDS DEC 29
IBIO	IBIO INC COM NEW
IBKC	IBERIABANK CORP COM
IBKCN	IBERIABANK CORP DEP REP PFD SR D
IBKCO	IBERIABANK CORP DSHS 1/400 PFD
IBKCP	IBERIABANK CORP SHS PFD SR B%
IBKR	INTERACTIVE BROKERS GROUP INC COM CL A
IBM	INTERNATIONAL BUSINESS MACHS COM
IBMI	ISHARES TR IBONDS SEP2020
IBMJ	ISHARES TR IBONDS DEC2021
IBMK	ISHARES TR IBONDS DEC2022
IBN	ICICI BANK LIMITED ADR
IBND	SPDR SER TR BLOMBRG BRC INTL
IBOC	INTERNATIONAL BANCSHARES CORP COM
IBP	INSTALLED BLDG PRODS INC COM
IBTA	ISHARES TR IBONDS 21 TRM TS

IBTB	ISHARES TR IBONDS 22 TRM TS
IBTD	ISHARES TR IBONDS 23 TRM TS
IBTE	ISHARES TR IBONDS 24 TRM TS
IBTF	ISHARES TR IBONDS 25 TRM TS
IBTG	ISHARES TR IBONDS 26 TRM TS
IBTH	ISHARES TR IBONDS 27 TRM TS
IBTI	ISHARES TR IBONDS 28 TRM TS
IBTJ	ISHARES TR IBONDS 29 TRM TS
IBTX	INDEPENDENT BK GROUP INC COM
IBUY	AMPLIFY ETF TR ONLIN RETL ETF
ICAD	ICAD INC COM NEW
ICBK	COUNTY BANCORP INC COM
ICCC	IMMUCELL CORP COM PAR
ICCH	ICC HLDGS INC COM
ICD	INDEPENDENCE CONTRACT DRILLING COM
ICE	INTERCONTINENTAL EXCHANGE INC COM
ICFI	ICF INTL INC COM
ICHR	ICHOR HOLDINGS SHS
ICL	ICL GROUP LTD SHS
ICLK	ICLICK INTRACTIVE ASIA GRP LTD SPONSORED ADR
ICLN	ISHARES TR GL CLEAN ENE ETF
ICLR	ICON PLC SHS
ICMB	INVESTCORP CR MGMT BDC INC COM
ICOL	ISHARES INC MSCI COLMBIA ETF
ICON	ICONIX BRAND GROUP INC COM NEW
ICPT	INTERCEPT PHARMACEUTICALS INC COM
ICUI	ICU MED INC COM
IDA	IDACORP INC COM
IDCC	INTERDIGITAL INC COM
IDE	VOYA INFRASTRUCTURE INDLS & MT COM
IDEV	ISHARES TR CORE MSCI INTL
IDEX	IDEANOMICS INC COM
IDHQ	INVESCO EXCH TRADED FD TR II S&P INTL QULTY
IDIV	METAURUS EQUITY COMPONENT TR US EQT CUM 2027

IDLB	INVESCO EXCH TRADED FD TR II FTSE INTL LOW
IDLV	INVESCO EXCH TRADED FD TR II S&P INTL LOW
IDMO	INVESCO EXCH TRADED FD TR II S&P INTL MOMNT
IDN	INTELLICHECK INC COM NEW
IDNA	ISHARES TR GENOMICS IMMUN
IDOG	ALPS ETF TR INTL SEC DV DOG
IDRA	IDERA PHARMACEUTICALS INC COM PAR
IDRV	ISHARES TR SELF DRIVNG EV
IDT	IDT CORP CL B NEW
IDU	ISHARES TR U.S. UTILITS ETF
IDX	VANECK VECTORS ETF TR INDONESIA INDEX
IDXG	INTERPACE BIOSCIENCES INC COM
IDXX	IDEXX LABS INC COM
IDY	PACIFIC GLOBAL ETF TR INTL EQUITY INCM
IDYA	IDEAYA BIOSCIENCES INC COM
IEA	INFRA AND ENERGY ALTRNTIVE INC COM
IEAWW	INFRA AND ENERGY ALTRNTIVE INC WT EXP 052021
IEC	IEC ELECTRS CORP NEW COM
IEF	ISHARES TR BARCLAYS 7 10 YR
IEI	ISHARES TR 3 7 YR TREAS BD
IEMG	ISHARES INC CORE MSCI EMKT
IEP	ICAHN ENTERPRISES LP DEPOSITARY UNIT
IESC	IES HLDGS INC COM
IEUR	ISHARES TR CORE MSCI EURO
IEUS	ISHARES TR DEVSMCP EXNA ETF
IEV	ISHARES TR EUROPE ETF
IEX	IDEX CORP COM
IEZ	ISHARES TR US OIL EQ&SV ETF
IFEU	ISHARES TR EUR DEV RE ETF
IFF	INTERNATIONAL FLAVORS&FRAGRANC COM
IFFT	INTERNATIONAL FLAVORS&FRAGRANC UNIT EX 091521
IFGL	ISHARES TR INTL DEV RE ETF
IFMK	IFRESH INC COM
IFN	INDIA FD INC COM

IFRX	INFLARX NV COM
IFS	INTERCORP FINL SVCS INC SHS
IFV	FIRST TR EXCHANGE-TRADED FD VI DORSEY WRIGHT
IG	PRINCIPAL EXCHANGE-TRADED FDS PRNC INVT GRAD
IGA	VOYA GLBL ADV & PREM OPP FD COM
IGBH	ISHARES U S ETF TR INT RT HD LONG
IGC	INDIA GLOBALIZATION CAP INC COM NEW
IGD	VOYA GLBL EQTY DIV & PREM OPP COM
IGF	ISHARES TR GLB INFRASTR ETF
IGI	WESTERN ASSET INVT GRADE DEFIN COM
IGIB	ISHARES TR INTRM TR CRP ETF
IGIC	INTL GNRL INSURANCE HLDNGS LTD SHS
IGICW	INTL GNRL INSURANCE HLDNGS LTD WT EXP 031725
IGLB	ISHARES TR LNG TR CRPRT BD
IGM	ISHARES TR EXPND TEC SC ETF
IGMS	IGM BIOSCIENCES INC COM
IGN	ISHARES TR NA TEC MULTM ETF
IGOV	ISHARES TR INTL TREA BD ETF
IGR	CBRE CLARION GLOBAL REAL ESTAT COM
IGSB	ISHARES TR SH TR CRPORT ETF
IGT	INTERNATIONAL GAME TECHNOLOGY SHS USD
IHAK	ISHARES TR CYBERSECURITY
IHC	INDEPENDENCE HLDG CO NEW COM NEW
IHD	VOYA EMERGING MKTS HIGH DIVID COM
IHDG	WISDOMTREE TR ITL HDG QTLY DIV
IHE	ISHARES TR U.S. PHARMA ETF
IHF	ISHARES TR US HLTHCR PR ETF
IHG	INTERCONTINENTAL HOTELS GROUP SPONSORED ADS
IHI	ISHARES TR U.S. MED DVC ETF
IHIT	INVESCO HIGH INCOME 2023 TARGE COM
IHRT	IHEARTMEDIA INC COM CL A
IHT	INNSUITES HOSPITALITY TR SH BEN INT
IHTA	INVESCO HIGH INCOME 2024 TARGE COM
IHY	VANECK VECTORS ETF TR INTL HIGH YIELD

IID	VOYA INTL HIGH DIVID EQTY INC COM
IIF	MORGAN STANLEY INDIA INVT FD I COM
IIGD	INVESCO EXCHNG TRAD SLF INDEXE INVT GRD DEFSV
IIGV	INVESCO EXCHNG TRAD SLF INDEXE INVT GRAD VALU
III	INFORMATION SVCS GROUP INC COM
IIIN	INSTEEL INDUSTRIES INC COM
IIIV	I3 VERTICALS INC COM CL A
IIM	INVESCO CALIF MUN INCOME TR COM
IIN	INTRICON CORP COM
IIPR	INNOVATIVE INDL PPTYS INC COM
IIPR-A	INNOVATIVE INDL PPTYS INC 9% CUM PFD SER A
IIVI	II-VI INC COM
IJAN	INNOVATOR ETFS TR MSCI EAFE PWR
IJH	ISHARES TR CORE S&P MCP ETF
IJJ	ISHARES TR S&P MC 400VL ETF
IJK	ISHARES TR S&P MC 400GR ETF
IJR	ISHARES TR CORE S&P SCP ETF
IJS	ISHARES TR SP SMCP600VL ETF
IJT	ISHARES TR S&P SML 600 GWT
IJUL	INNOVATOR ETFS TR MSCI EAFE PWR
IKNX	IKONICS CORP COM
ILF	ISHARES TR LATN AMER 40 ETF
ILMN	ILLUMINA INC COM
ILPT	INDUSTRIAL LOGISTICS PPTYS TR COM SHS BEN INT
ILTB	ISHARES TR CORE LT USDB ETF
IMAB	I MAB SPONSORED ADS
IMAC	IMAC HLDGS INC COM
IMACW	IMAC HLDGS INC WT EXP 021224
IMAX	IMAX CORP COM
IMBI	IMEDIA BRANDS INC COM CL A
IMGN	IMMUNOGEN INC COM
IMH	IMPAC MTG HLDGS INC COM NEW
IMKTA	INGLES MKTS INC CL A
IMMP	IMMUTEP LTD SPONSORED ADS

IMMR	IMMERSION CORP COM
IMMU	IMMUNOMEDICS INC COM
IMO	IMPERIAL OIL LTD COM NEW
IMOS	CHIPMOS TECHNOLOGIES INC SPONSORD ADS NEW
IMRA	IMARA INC COM
IMRN	IMMURON LTD SPONSORED ADR
IMRNW	IMMURON LTD WT EXP 051222
IMTB	ISHARES TR CR 5 10 YR ETF
IMTE	INTEGRATED MEDIA TECHNOLOGY LTD SHS
IMTM	ISHARES TR INTL MOMENTUM FT
IMUX	IMMUNIC INC COM
IMV	IMV INC COM
IMVT	IMMUNOVANT INC COM
IMXI	INTERNATIONAL MNY EXPRESS INC COM
INBK	FIRST INTERNET BANCORP COM
INBKL	FIRST INTERNET BANCORP SB NT FXD FLG MA
INBKZ	FIRST INTERNET BANCORP FXD FLTG 29
INCO	COLUMBIA ETF TR II INDIA CONSMR ETF
INCY	INCYTE CORP COM
INDB	INDEPENDENT BANK CORP MASS COM
INDL	DBX ETF TR DAILY IND BUL 3X
INDO	INDONESIA ENERGY CORP LTD ORD SHS
INDS	PACER FDS TR BNCHMRK INDSTR
INDY	ISHARES TR INDIA 50 ETF
INFI	INFINITY PHARMACEUTICALS INC COM
INFN	INFINERA CORP COM
INFO	IHS MARKIT LTD SHS
INFR	LEGG MASON ETF INVT TR GLOBAL INFSTRU
INFU	INFUSYSTEM HLDGS INC COM
INFY	INFOSYS LTD SPONSORED ADR
ING	ING GROEP N.V. SPONSORED ADR
INGN	INOGEN INC COM
INGR	INGREDION INC COM
INKM	SSGA ACTIVE ETF TR INCOM ALLO ETF

INMB	INMUNE BIO INC COM
INMD	INMODE LTD SHS
INN	SUMMIT HOTEL PPTYS INC COM
INN-D	SUMMIT HOTEL PPTYS INC RED PFD SER D
INN-E	SUMMIT HOTEL PPTYS INC 6.250% CUM PFD E
INO	INOVIO PHARMACEUTICALS INC COM NEW
INOD	INNODATA INC COM NEW
INOV	INOVALON HLDGS INC COM CL A
INPX	INPIXON COM
INS	INTELLIGENT SYS CORP NEW COM
INSE	INSPIRED ENTMT INC COM
INSG	INSEGO CORP COM
INSI	INSIGHT SELECT INCOME FD COM
INSM	INSMED INC COM PAR \$.01
INSP	INSPIRE MED SYS INC COM
INSU	INSURANCE ACQUISITION CORP CL A
INSUU	INSURANCE ACQUISITION CORP UNIT EX 033124
INSUW	INSURANCE ACQUISITION CORP WT EXP 033124
INSW	INTERNATIONAL SEAWAYS INC COM
INSW-A	INTERNATIONAL SEAWAYS INC 8.50% SN NT 23
INT	WORLD FUEL SVCS CORP COM
INTC	INTEL CORP COM
INTF	ISHARES TR MULTIFACTOR INTL
INTG	INTERGROUP CORP COM
INTL	INTL FCSTONE INC COM
INTT	INTEST CORP COM
INTU	INTUIT COM
INUV	INUVO INC COM NEW
INVA	INNOVIVA INC COM
INVE	IDENTIV INC COM NEW
INVH	INVITATION HOMES INC COM
INWK	INNERWORKINGS INC COM
IO	ION GEOPHYSICAL CORP COM NEW
IONS	IONIS PHARMACEUTICALS INC COM

IOO	ISHARES TR GLOBAL 100 ETF
IOR	INCOME OPPORTUNITY RLTY INVS COM
IOSP	INNOSPEC INC COM
IOTS	ADESTO TECHNOLOGIES CORP COM
IOVA	IOVANCE BIOTHERAPEUTICS INC COM
IP	INTL PAPER CO COM
IPAC	ISHARES TR CORE MSCI PAC
IPAR	INTER PARFUMS INC COM
IPAY	ETF MANAGERS TR PRIME MOBILE PAY
IPB	INDEXPLUS TR SER 03-1 TR
IPDN	PROFESSIONAL DIVERSITY NET INC COM NEW
IPG	INTERPUBLIC GROUP COS INC COM
IPGP	IPG PHOTONICS CORP COM
IPHA	INNATE PHARMA S A SPONSORED ADS
IPHI	INPHI CORP COM
IPI	INTREPID POTASH INC COM
IPKW	INVESCO EXCH TRADED FD TR II INTL BUYBACK
IPLDP	INTERSTATE PWR & LT CO PERP PFD SER D
IPO	RENAISSANCE CAP GREENWICH FDS IPO ETF
IPOB	SOCIAL CAP HDOSPHEA HLDG CO II SHS CL A
IPOB+	SOCIAL CAP HDOSPHEA HLDG CO II WT EXP
IPOB=	SOCIAL CAP HDOSPHEA HLDG CO II UNIT
IPOC	SOCIAL CAP HEDSPIA HLDG CO III COM CL A
IPOC+	SOCIAL CAP HEDSPIA HLDG CO III WT EXP
IPOC=	SOCIAL CAP HEDSPIA HLDG CO III UNIT
IPOS	RENAISSANCE CAP GREENWICH FDS INTNTL IPO ETF
IPV	INTERPRIVATE ACQUISITION CORP COM
IPV+	INTERPRIVATE ACQUISITION CORP WT EXP 102924
IPV=	INTERPRIVATE ACQUISITION CORP UNIT EX 102924
IPWR	IDEAL PWR INC COM NEW
IQ	IQIYI INC SPONSORED ADS
IQDE	FLEXSHARES TR INTL QLTDV DEF
IQDF	FLEXSHARES TR INTL QLTDV IDX
IQDY	FLEXSHARES TR INT QLTDVDYNAM

IQI	INVESCO QUALITY MUN INCOME TR COM
IQIN	INDEXIQ ETF TR IQ 500 INT ETF
IQLT	ISHARES TR INTL QLTY FACTOR
IQSI	INDEXIQ ETF TR IQ CNDRM ESG INT
IQSU	INDEXIQ ETF TR IQ CANDRM ESG US
IQV	IQVIA HLDGS INC COM
IR	INGERSOLL RAND INC COM
IRBO	ISHARES TR ROBOTICS ARTIF
IRBT	IROBOT CORP COM
IRCP	IRSA PROPIEDADES COMERCIALES S SPONSORED ADR
IRDM	IRIDIUM COMMUNICATIONS INC COM
IRET	INVESTORS REAL ESTATE TRUST SH BEN INT
IRET-C	INVESTORS REAL ESTATE TRUST 6.625% CUM PFD C
IRIX	IRIDEX CORP COM
IRL	NEW IRELAND FD INC COM
IRM	IRON MTN INC NEW COM
IRMD	IRADIMED CORP COM
IROQ	IF BANCORP INC COM
IRR	VOYA NAT RES EQUITY INCOME FD COM
IRS	IRSA INVERSIONES Y REP S A GLOBL DEP RCPT
IRT	INDEPENDENCE RLTY TR INC COM
IRTC	IRHYTHM TECHNOLOGIES INC COM
IRWD	IRONWOOD PHARMACEUTICALS INC COM CL A
ISBC	INVESTORS BANCORP INC NEW COM
ISCF	ISHARES TR MLTFCTR INTL SML
ISD	PGIM HIGH YIELD BOND FUND INC COM
ISDR	ISSUER DIRECT CORP COM NEW
ISDS	INVESCO EXCH TRD SLF IDX FD TR RAFI STRG DVELOP
ISDX	INVESCO EXCH TRD SLF IDX FD TR RAFI STRG US ETF
ISEE	IVERIC BIO INC COM
ISEM	INVESCO EXCH TRD SLF IDX FD TR RAFI STRG EMMRKT
ISHG	ISHARES TR 3YRTB ETF
ISIG	INSIGNIA SYS INC COM
ISMD	NORTHERN LTS FD TR IV INSPIRE SMAL ETF

ISNS	IMAGE SENSING SYS INC COM
ISR	ISORAY INC COM
ISRA	VANECK VECTORS ETF TR ISRAEL ETF
ISRG	INTUITIVE SURGICAL INC COM NEW
ISSC	INNOVATIVE SOLUTIONS & SUPPORT COM
ISTB	ISHARES TR CORE 1 5 YR USD
ISTR	INVESTAR HLDG CORP COM
ISZE	ISHARES TR INTL SIZE FACTOR
IT	GARTNER INC COM
ITCB	ITAU CORPBANCA SPONSORED ADR
ITCI	INTRA CELLULAR THERAPIES INC COM
ITEQ	ETF MANAGERS TR BLUESTAR ISRAEL
ITGR	INTEGER HLDGS CORP COM
ITI	ITERIS INC COM
ITIC	INVESTORS TITLE CO COM
ITMR	ITAMAR MED LTD SPONSORED ADS
ITOT	ISHARES TR CORE S&P TTL STK
ITP	IT TECH PACKAGING INC COM NEW
ITRI	ITRON INC COM
ITRM	ITERUM THERAPEUTICS PLC SHS
ITRN	ITURAN LOCATION AND CONTROL SHS
ITT	ITT INC COM
ITUB	ITAU UNIBANCO HLDG S A SPON ADR REP PFD
ITW	ILLINOIS TOOL WKS INC COM
IUS	INVESCO EXCH TRD SLF IDX FD TR RAFI STRATGIC US
IUSB	ISHARES TR CORE TOTAL USD
IUSG	ISHARES TR CORE S&P US GWT
IUSS	INVESCO EXCH TRD SLF IDX FD TR RAFI STRG US SML
IUSV	ISHARES TR CORE S&P US VLU
IVAC	INTEVAC INC COM
IVC	INVACARE CORP COM
IVE	ISHARES TR S&P 500 VAL ETF
IVES	ETF MANAGERS TR WEDBUSH ETFMG
IVH	IVY HIGH INCOME OPPORTUNITIES COM

IVLU	ISHARES TR INTL VALUE FACTR
IVOG	VANGUARD ADMIRAL FDS INC MIDCP 400 GRTH
IVOL	KRANESHARES TR QUADRTC INT RT
IVOO	VANGUARD ADMIRAL FDS INC MIDCP 400 IDX
IVOV	VANGUARD ADMIRAL FDS INC MIDCP 400 VAL
IVR	INVESCO MORTGAGE CAPITAL INC COM
IVR-A	INVESCO MORTGAGE CAPITAL INC PFD SER A 7.75%
IVR-B	INVESCO MORTGAGE CAPITAL INC PFD-B FX/FLT
IVR-C	INVESCO MORTGAGE CAPITAL INC 7.5% PFD SER C
IVV	ISHARES TR CORE S&P500 ETF
IVW	ISHARES TR S&P 500 GRWT ETF
IVZ	INVESCO LTD SHS
IWB	ISHARES TR RUS 1000 ETF
IWC	ISHARES TR MICRO-CAP ETF
IWD	ISHARES TR RUS 1000 VAL ETF
IWF	ISHARES TR RUS 1000 GRW ETF
IWL	ISHARES TR RUS TOP 200 ETF
IWM	ISHARES TR RUSSELL 2000 ETF
IWN	ISHARES TR RUS 2000 VAL ETF
IWO	ISHARES TR RUS 2000 GRW ETF
IWP	ISHARES TR RUS MD CP GR ETF
IWR	ISHARES TR RUS MID CAP ETF
IWS	ISHARES TR RUS MDCP VAL ETF
IWV	ISHARES TR RUSSELL 3000 ETF
IWX	ISHARES TR RUS TP200 VL ETF
IWY	ISHARES TR RUS TP200 GR ETF
IX	ORIX CORP SPONSORED ADR
IXC	ISHARES TR GLOBAL ENERG ETF
IXG	ISHARES TR GLOBAL FINLS ETF
IXJ	ISHARES TR GLOB HLTHCRE ETF
IXN	ISHARES TR GLOBAL TECH ETF
IXP	ISHARES TR GBL COMM SVC ETF
IXSE	WISDOMTREE TR INDIA EX STATE
IXUS	ISHARES TR CORE MSCI TOTAL

IYC	ISHARES TR U.S. CNSM SV ETF
IYE	ISHARES TR U.S. ENERGY ETF
IYF	ISHARES TR U.S. FINLS ETF
IYG	ISHARES TR U.S. FIN SVC ETF
IYH	ISHARES TR US HLTHCARE ETF
IYK	ISHARES TR U.S. CNSM GD ETF
IYM	ISHARES TR U.S. BAS MTL ETF
IYR	ISHARES TR U.S. REAL ES ETF
IYW	ISHARES TR U.S. TECH ETF
IYY	ISHARES TR DOW JONES US ETF
IZEA	IZEA WORLDWIDE INC COM
J	JACOBS ENGR GROUP INC COM
JACK	JACK IN THE BOX INC COM
JAGG	J P MORGAN EXCHANGE-TRADED FD US AGGREGATE
JAGX	JAGUAR HEALTH INC COM
JAKK	JAKKS PAC INC COM
JAN	JANONE INC COM
JAX	J ALEXANDERS HLDGS INC COM
JAZZ	JAZZ PHARMACEUTICALS PLC SHS USD
JBGS	JBG SMITH PPTYS COM
JBHT	HUNT J B TRANS SVCS INC COM
JBK	CORPORATE BACKED TR CTFS 04-6 A1 3.50
JBL	JABIL INC COM
JBLU	JETBLUE AWYS CORP COM
JBSS	SANFILIPPO JOHN B & SON INC COM
JBT	JOHN BEAN TECHNOLOGIES CORP COM
JCAP	JERNIGAN CAP INC COM
JCAP-B	JERNIGAN CAP INC 7.0% CUM PFD B
JCE	NUVEEN CORE EQUITY ALPHA FD COM
JCI	JOHNSON CTLS INTL PLC SHS
JCO	NUVEEN CR OPPORTUNITIES 2022 T COM
JCOM	J2 GLOBAL INC COM
JCS	COMMUNICATIONS SYS INC COM
JCTCF	JEWETT CAMERON TRADING LTD COM NEW

JD	JD.COM INC SPON ADR CL A
JDD	NUVEEN DIVERSIFIED DIVID & INC COM
JDIV	J P MORGAN EXCHANGE-TRADED FD US DIVIDEND
JDST	DIREXION SHS ETF TR DLY JR GOLD 2X
JE	JUST ENERGY GROUP INC COM
JE-A	JUST ENERGY GROUP INC RED PFD SER A
JEF	JEFFERIES FINL GROUP INC COM
JELD	JELD-WEN HLDG INC COM
JEMD	NUVEEN EMERGING MKTS DEBT 2022 COM
JEPI	J P MORGAN EXCHANGE-TRADED FD EQUITY PREMIUM
JEQ	ABERDEEN JAPAN EQUITY FD INC COM
JETS	ETF SER SOLUTIONS US GLB JETS
JFIN	JIAYIN GROUP INC SPONSORED ADS
JFK	8I ENTERPRISES ACQUISITION CRP SHS
JFKKR	8I ENTERPRISES ACQUISITION CRP RT
JFKKU	8I ENTERPRISES ACQUISITION CRP UNIT
JFKKW	8I ENTERPRISES ACQUISITION CRP WT EXP 102925
JFR	NUVEEN FLOATING RATE INCOME FD COM
JFU	9F INC SPONSORED ADS
JG	AURORA MOBILE LTD ADS
JGH	NUVEEN GLOBAL HIGH INCOME FD SHS
JHAA	NUVEEN HIGH INCOME 2023 TARGET COM
JHB	NUVEEN HIGH INCOME NOVEMBER 20 COM
JHCS	JOHN HANCOCK ETF TRUST MLTDCTR MEDIA
JHEM	JOHN HANCOCK ETF TRUST MLTFCTR EMRNG
JHG	JANUS HENDERSON GROUP PLC ORD SHS
JHI	HANCOCK JOHN INVS TR COM
JHMA	JOHN HANCOCK ETF TRUST MLTFACTR MATLS
JHMC	JOHN HANCOCK ETF TRUST MULTIFACTOR CO
JHMD	JOHN HANCOCK ETF TRUST MULTI INTL ETF
JHME	JOHN HANCOCK ETF TRUST MLTFACTOR ENRG
JHMF	JOHN HANCOCK ETF TRUST MULTIFACTOR FI
JHMH	JOHN HANCOCK ETF TRUST MULTIFACTOR HE
JHMI	JOHN HANCOCK ETF TRUST MLTFACTR INDLS

JHML	JOHN HANCOCK ETF TRUST MLTFCTR LRG CAP
JHMM	JOHN HANCOCK ETF TRUST MULTIFACTR MI
JHMS	JOHN HANCOCK ETF TRUST MLTFCTR CONSMR
JHMT	JOHN HANCOCK ETF TRUST MULTIFACTR TE
JHMU	JOHN HANCOCK ETF TRUST MLTFACTR UTILS
JHS	HANCOCK JOHN INCOME SECS TR COM
JHSC	JOHN HANCOCK ETF TRUST MULTIFACTR SML
JHX	JAMES HARDIE INDS PLC SPONSORED ADR
JHY	NUVEEN HIGH INCOME 2020 TARGET COM
JIG	J P MORGAN EXCHANGE-TRADED FD INTERNL GWT
JIGB	J P MORGAN EXCHANGE-TRADED FD CORP BD RESCH
JIH	JUNIPER INDL HLDGS INC COM CL A
JIH+	JUNIPER INDL HLDGS INC WT EXP 111326
JIH=	JUNIPER INDL HLDGS INC UNIT EXP 111326
JILL	J JILL INC COM
JJA	BARCLAYS BK PLC IPATH B AGRCULTR
JJC	BARCLAYS BK PLC IPATH B COPPER
JJE	BARCLAYS BK PLC IPATH B ENERGY
JJG	BARCLAYS BK PLC IPATH B GRAINS
JJM	BARCLAYS BK PLC IPATH B INDL MTL
JJN	BARCLAYS BK PLC IPATH B NICKEL
JJP	BARCLAYS BK PLC IPATH B PRECIOUS
JJS	BARCLAYS BK PLC IPATH B SFTS SUB
JJSF	J & J SNACK FOODS CORP COM
JJT	BARCLAYS BK PLC IPATH B TIN SUB
JJU	BARCLAYS BK PLC IPATH B ALUMI
JKD	ISHARES TR MRNGSTR LG-CP ET
JKE	ISHARES TR MRNGSTR LG-CP GR
JKF	ISHARES TR MRNGSTR LG-CP VL
JKG	ISHARES TR MRGSTR MD CP ETF
JKH	ISHARES TR MRGSTR MD CP GRW
JKHY	HENRY JACK & ASSOC INC COM
JKI	ISHARES TR MRGSTR MD CP VAL
JKJ	ISHARES TR MRGSTR SM CP ETF

JKK	ISHARES TR MRGSTR SM CP GR
JKL	ISHARES TR MRNING SM CP ETF
JKS	JINKOSOLAR HLDG CO LTD SPONSORED ADR
JLL	JONES LANG LASALLE INC COM
JLS	NUVEEN MORTGAGE AND INCOME FD COM
JMBS	JANUS DETROIT STR TR HENDERSON MTG
JMIA	JUMIA TECHNOLOGIES AG SPONSORED ADS
JMIN	J P MORGAN EXCHANGE-TRADED FD US MINMUM VOLT
JMM	NUVEEN MULTI MKT INCOME FD COM
JMOM	J P MORGAN EXCHANGE-TRADED FD US MOMENTUM
JMP	JMP GROUP LLC COM
JMPNL	JMP GROUP INC 7.25% SR NT 27
JMPNZ	JMP GROUP LLC 6.875 SN NT 29
JNCE	JOUNCE THERAPEUTICS INC COM
JNJ	JOHNSON & JOHNSON COM
JNK	SPDR SER TR BLOOMBERG BRCLYS
JNPR	JUNIPER NETWORKS INC COM
JNUG	DIREXION SHS ETF TR DAILY JR GLD MIN
JO	BARCLAYS BK PLC IPATH B COFFEE
JOB	GEE GROUP INC COM
JOBS	51JOB INC SPONSORED ADS
JOE	ST JOE CO COM
JOF	JAPAN SMALLER CAPITALIZATION F COM
JOUT	JOHNSON OUTDOORS INC CL A
JOYY	INFUSIVE US TR COMPUNDING EQT
JP	JUPAI HLDGS LTD ADS
JPC	NUVEEN PFD & INCOME OPPORTUNIT COM
JPED	J P MORGAN EXCHANGE-TRADED FD EVENT DRIVEN
JPEM	J P MORGAN EXCHANGE-TRADED FD DIV RTN EM EQT
JPGE	J P MORGAN EXCHANGE-TRADED FD DIV RTN GLB EQ
JPHF	J P MORGAN EXCHANGE-TRADED FD DIVERSIFIED ET
JPI	NUVEEN PFD & INCOME TERM FD COM
JPIN	J P MORGAN EXCHANGE-TRADED FD DIV RTN INT EQ
JPM	JPMORGAN CHASE & CO COM

JPM-C	JPMORGAN CHASE & CO 6 DEP NCM PFD EE
JPM-D	JPMORGAN CHASE & CO 5.75% SHS PFD DD
JPM-G	JPMORGAN CHASE & CO DEP SHS PFD
JPM-H	JPMORGAN CHASE & CO DEP SHS REP PFD
JPM-J	JPMORGAN CHASE & CO 4.75% DP SH GG
JPMB	J P MORGAN EXCHANGE-TRADED FD USD EMRNG MKT
JPME	J P MORGAN EXCHANGE-TRADED FD DIVERSFED RTRN
JPMV	ISHARES TR MIN VOL JAPN ETF
JPN	DBX ETF TR XTRACK JAPAN JPX
JPNL	DIREXION SHS ETF TR DLY JPN BULL 3X
JPS	NUVEEN PFD & INCM SECURTIES FD COM
JPSE	J P MORGAN EXCHANGE-TRADED FD DIVERSFD EQT ETF
JPT	NUVEEN PFD & INCOME 2022 TERM COM
JPUS	J P MORGAN EXCHANGE-TRADED FD JPMORGAN DIVER
JPXN	ISHARES TR JPX NIKKEI 400
JQC	NUVEEN CR STRATEGIES INCOME FD COM SHS
JQUA	J P MORGAN EXCHANGE-TRADED FD US QUALTY FCTR
JRI	NUVEEN REAL ASSET INCOME & GRO COM
JRJC	CHINA FIN ONLINE CO LTD SPONSORD ADS NEW
JRO	NUVEEN FLTNG RTE INCM OPP FD COM SHS
JRS	NUVEEN REAL ESTATE INCOME FD COM
JRSH	JERASH HLDGS US INC COM
JRVR	JAMES RIV GROUP LTD COM
JSD	NUVEEN SHT DUR CR OPP FD COM
JSM	NAVIENT CORPORATION SR NT 6% 121543
JSMD	JANUS DETROIT STR TR HENDERSN SML ETF
JSML	JANUS DETROIT STR TR HENDERSN CAP ETF
JT	JIANPU TECHNOLOGY INC ADR
JTA	NUVEEN TX ADV TOTAL RET STRGY COM
JTD	NUVEEN TAX-ADVANTAGED DIVID GR COM
JUST	GOLDMAN SACHS ETF TR JUST US LRG CP
JVA	COFFEE HLDG CO INC COM
JVAL	J P MORGAN EXCHANGE-TRADED FD US VALUE FACTR
JW.A	WILEY JOHN & SONS INC CL A

JW.B	WILEY JOHN & SONS INC CL B
JWN	NORDSTROM INC COM
JWS=	JAWS ACQUISITION CORP UINT
JXI	ISHARES TR GLOB UTILITS ETF
JYNT	JOINT CORP COM
K	KELLOGG CO COM
KAI	KADANT INC COM
KALA	KALA PHARMACEUTICALS INC COM
KALL	KRANESHARES TR MSCI ALL CHINA
KALU	KAISER ALUMINUM CORP COM PAR \$0.01
KALV	KALVISTA PHARMACEUTICALS INC COM
KAMN	KAMAN CORP COM
KAR	KAR AUCTION SVCS INC COM
KARS	KRANESHARES TR ELEC VEH FUTUR
KB	KB FINL GROUP INC SPONSORED ADR
KBA	KRANESHARES TR BOSERA MSCI CH
KBAL	KIMBALL INTL INC CL B
KBE	SPDR SER TR S&P BK ETF
KBH	KB HOME COM
KBLM	KBL MERGER CORP IV COM
KBLMR	KBL MERGER CORP IV RT
KBLMU	KBL MERGER CORP IV UNIT EX 011524
KBLMW	KBL MERGER CORP IV WT EXP 011524
KBR	KBR INC COM
KBSF	KBS FASHION GROUP LTD COM NEW
KBWB	INVESCO EXCH TRADED FD TR II KBW BK ETF
KBWD	INVESCO EXCH TRADED FD TR II KBW HIG DV YLD
KBWP	INVESCO EXCH TRADED FD TR II KBW PPTY CASUT
KBWR	INVESCO EXCH TRADED FD TR II KBW REGL BKG
KBWY	INVESCO EXCH TRADED FD TR II KBW PREM YIELD
KC	KINGSOFT CLOUD HLDGS LTD ADS
KCAPL	KCAP FINL INC 6.125% NT 2022
KCCB	KRANESHARES TR CCBS CHINA CP
KCE	SPDR SER TR S&P CAP MKTS

KCNY	KRANESHARES TR CHIN COM PAPER
KDFI	KRANESHARES TR KYA DYNMC INC
KDMN	KADMON HLDGS INC COM
KDP	KEURIG DR PEPPER INC COM
KE	KIMBALL ELECTRONICS INC COM
KELYA	KELLY SVCS INC CL A
KELYB	KELLY SVCS INC CL B
KEMQ	KRANESHARES TR EMRNG MKT CONS
KEMX	KRANESHARES TR MSCI EMG EX CH
KEN	KENON HLDGS LTD SHS
KEP	KOREA ELECTRIC PWR SPONSORED ADR
KEQU	KEWAUNEE SCIENTIFIC CORP COM
KERN	AKERNA CORP COM
KERNW	AKERNA CORP WT EXP 061724
KEX	KIRBY CORP COM
KEY	KEYCORP COM
KEY-I	KEYCORP DEP SHS 1/40 E
KEY-J	KEYCORP DEP SHS PFD F
KEY-K	KEYCORP DP SHS PFD G
KEYS	KEYSIGHT TECHNOLOGIES INC COM
KF	KOREA FD COM NEW
KFFB	KENTUCKY FIRST FED BANCORP COM
KFRC	KFORCE INC COM
KFS	KINGSWAY FINL SVCS INC COM NEW
KFY	KORN FERRY COM NEW
KFYP	KRANESHARES TR CICC CHINA 100
KGC	KINROSS GOLD CORP COM
KGJI	KINGOLD JEWELRY INC COM
KGRN	KRANESHARES TR MSCI CHINA ENV
KHC	KRAFT HEINZ CO COM
KIDS	ORTHOPEDIATRICS CORP COM
KIE	SPDR SER TR S&P INS ETF
KIM	KIMCO RLTY CORP COM
KIM-L	KIMCO RLTY CORP 5.125% DEP PFD L

KIM-M	KIMCO RLTY CORP 5.25% DEP SHS M
KIN	KINDRED BIOSCIENCES INC COM
KINS	KINGSTONE COS INC COM
KIO	KKR INCOME OPPORTUNITIES FD COM
KIQ	KELSO TECHNOLOGIES INC COM NEW
KIRK	KIRKLANDS INC COM
KKR	KKR & CO INC COM
KKR-A	KKR & CO INC 6.75% PFD SER A
KKR-B	KKR & CO INC 6.50% PFD SER B
KL	KIRKLAND LAKE GOLD LTD COM
KLAC	KLA CORP COM NEW
KLCD	KRANESHARES TR LRG CAP QTY DIVD
KLDO	KALEIDO BIOSCIENCES INC COM
KLDW	EXCHANGE TRADED CONCEPTS TR II KNLDG LD WD
KLIC	KULICKE & SOFFA INDS INC COM
KLR	KALEYRA INC COM
KLR+	KALEYRA INC WT EXP 121224
KLXE	KLX ENERGY SERVICIS HOLDNGS INC COM
KMB	KIMBERLY CLARK CORP COM
KMDA	KAMADA LTD SHS
KMED	KRANESHARES TR EMERGING MKTS
KMF	KAYNE ANDERSON MDSTM ENERGY FD COM
KMI	KINDER MORGAN INC DEL COM
KMPR	KEMPER CORP DEL COM
KMT	KENNAMETAL INC COM
KMX	CARMAX INC COM
KN	KNOWLES CORP COM
KNAB	BANK OF MONTREAL MCROSECTR INVR
KNDI	KANDI TECHNOLOGIES GROUP INC COM
KNL	KNOLL INC COM NEW
KNOP	KNOT OFFSHORE PARTNERS LP COM UNITS
KNOW	DIREXION SHS ETF TR ALL CP INSIDER
KNSA	KINIKA PHARMACEUTICALS LTD COM CL A
KNSL	KINSALE CAP GROUP INC COM

KNX	KNIGHT SWIFT TRANSN HLDGS INC CL A
KO	COCA COLA CO COM
KOD	KODIAK SCIENCES INC COM
KODK	EASTMAN KODAK CO COM NEW
KOF	COCA-COLA FEMSA SAB DE CV SPONSORD ADR REP
KOIN	EXCHANGE TRADED CONCEPTS TR INNOVATION SHS
KOKU	DBX ETF TR XTRACKERS MSCI
KOL	VANECK VECTORS ETF TR COAL ETF
KOLD	PROSHARES TR II ULSHT BLOOMB GAS
KOMP	SPDR SER TR S&P KENSHO NEW
KOP	KOPPERS HOLDINGS INC COM
KOPN	KOPIN CORP COM
KORP	AMERICAN CENTY ETF TR DIVERSIFID CRP
KORU	DIREXION SHS ETF TR DRX DLYSOKOR3X
KOS	KOSMOS ENERGY LTD COM
KOSS	KOSS CORP COM
KPTI	KARYOPHARM THERAPEUTICS INC COM
KR	KROGER CO COM
KRA	KRATON CORPORATION COM
KRC	KILROY RLTY CORP COM
KRE	SPDR SER TR S&P REGL BKG
KREF	KKR REAL ESTATE FIN TR INC COM
KRG	KITE RLTY GROUP TR COM NEW
KRKR	36KR HOLDINGS INC SPONSORED ADS
KRMA	GLOBAL X FDS CONSCIOUS COS
KRMD	REPRO MED SYS INC COM
KRNT	KORNIT DIGITAL LTD SHS
KRNY	KEARNY FINL CORP MD COM
KRO	KRONOS WORLDWIDE INC COM
KROS	KEROS THERAPEUTICS INC COM
KRP	KIMBELL RTY PARTNERS LP UNIT
KRTX	KARUNA THERAPEUTICS INC COM
KRUS	KURA SUSHI USA INC CL A COM
KRYS	KRYSTAL BIOTECH INC COM

KSA	ISHARES TR MSCI SAUDI ARBIA
KSCD	KRANESHARES TR SML CAP QTY DIVD
KSM	DWS STRATEGIC MUN INCOME TR NE COM
KSS	KOHL'S CORP COM
KSU	KANSAS CITY SOUTHERN COM NEW
KSU-	KANSAS CITY SOUTHERN PFD 4%
KT	KT CORP SPONSORED ADR
KTB	KONTOOR BRANDS INC COM
KTCC	KEY TRONIC CORP COM
KTF	DWS MUN INCOME TR COM
KTH	CORTS TR PECO ENERGY CAP TRIII CORTS 8.00%
KTN	CREDIT-ENHANCED CORTS TR AON CORTS 8.205%
KTOS	KRATOS DEFENSE & SEC SOLUTIONS COM NEW
KTOV	KITOV PHARMA LTD SPONSORED ADS
KTOVW	KITOV PHARMA LTD WT EXP 112520
KURA	KURA ONCOLOGY INC COM
KURE	KRANESHARES TR MSCI ALL CHINA
KVHI	KVH INDS INC COM
KW	KENNEDY-WILSON HOLDINGS INC COM
KWEB	KRANESHARES TR CSI CHI INTERNET
KWR	QUAKER CHEM CORP COM
KXI	ISHARES TR GLB CNSM STP ETF
KXIN	KAIXIN AUTO HLDGS SHS
KYN	KAYNE ANDERSON MLP MIDS INVT CO COM
KZIA	KAZIA THERAPEUTICS LTD SPONSORED ADR
KZR	KEZAR LIFE SCIENCES INC COM
L	LOEWS CORP COM
LABD	DIREXION SHS ETF TR DAILY S&P BIOTEC
LABU	DBX ETF TR SP BIOTCH BL NEW
LAC	LITHIUM AMERS CORP NEW COM NEW
LACK	DIREXION SHS ETF TR DLY CNSMR STPL
LACQ	LEISURE ACQUISITION CORP COM
LACQU	LEISURE ACQUISITION CORP UNIT EXP 000022
LACQW	LEISURE ACQUISITION CORP WT EXP 120519

LAD	LITHIA MTRS INC CL A
LADR	LADDER CAP CORP CL A
LAIX	LAIX INC ADS
LAKE	LAKELAND INDS INC COM
LAMR	LAMAR ADVERTISING CO NEW CL A
LANC	LANCASTER COLONY CORP COM
LAND	GLADSTONE LD CORP COM
LANDP	GLADSTONE LD CORP RED PFD SER A
LARK	LANDMARK BANCORP INC COM
LASR	NLIGHT INC COM
LATN	UNION ACQUISITION CORP II SHS
LATNU	UNION ACQUISITION CORP II UNIT
LATNW	UNION ACQUISITION CORP II WT EXP 040125
LAUR	LAUREATE EDUCATION INC CL A
LAWS	LAWSON PRODS INC COM
LAZ	LAZARD LTD SHS A
LAZY	LAZYDAYS HLDGS INC COM
LB	L BRANDS INC COM
LBAI	LAKELAND BANCORP INC COM
LBC	LUTHER BURBANK CORP COM
LBJ	DIREXION SHS ETF TR LTN AM BL 3X NEW
LBRDA	LIBERTY BROADBAND CORP COM SER A
LBRDK	LIBERTY BROADBAND CORP COM SER C
LBRT	LIBERTY OILFIELD SVCS INC COM CL A
LBTYA	LIBERTY GLOBAL PLC SHS CL A
LBTYB	LIBERTY GLOBAL PLC SHS CL B
LBTYK	LIBERTY GLOBAL PLC SHS CL C
LC	LENDINGCLUB CORP COM NEW
LCA	LANDCADIA HLDGS II INC CL A
LCAHU	LANDCADIA HLDGS II INC UNIT EX 050926
LCAHW	LANDCADIA HLDGS II INC WT EXP 050926
LCI	LANNET INC COM
LCII	LCI INDS COM
LCNB	LCNB CORP COM

LCR	LEUTHOLD FDS INC CORE ETF
LCTX	LINEAGE CELL THERAPEUTICS INC COM
LCUT	LIFETIME BRANDS INC COM
LD	BARCLAYS BANK PLC ETN DJUBSLEAD 38
LDEM	ISHARES TR ESG MSCI EM LDRS
LDL	LYDALL INC DEL COM
LDOS	LEIDOS HOLDINGS INC COM
LDP	COHEN & STEERS LTD DURATION PF COM
LDRS	INNOVATOR ETFS TR IBD ETF LEADERS
LDSF	FIRST TR EXCHNG TRADED FD VIII LOW DUR STRTGC
LDUR	PIMCO ETF TR ENHNCD LW DUR AC
LE	LANDS END INC NEW COM
LEA	LEAR CORP COM NEW
LEAF	LEAF GROUP LTD COM
LECO	LINCOLN ELEC HLDGS INC COM
LEDS	SEMILEDs CORP COM NEW
LEE	LEE ENTERPRISES INC COM
LEG	LEGGETT & PLATT INC COM
LEGH	LEGACY HOUSING CORP COM
LEGN	LEGEND BIOTECH CORP SPONSORED ADS
LEGR	FIRST TR EXCHANGE-TRADED FD VI INDXX INOVTV ETF
LEJU	LEJU HLDGS LTD SPONSORED ADS
LEMB	ISHARES INC JP MORGAN EM ETF
LEN	LENNAR CORP CL A
LEN.B	LENNAR CORP CL B
LEND	AMPLIFY ETF TR CRWDBURAU PEER
LEO	BNY MELLON STRATEGIC MUNS INC COM
LEU	CENTRUS ENERGY CORP CL A
LEVI	LEVI STRAUSS & CO NEW CL A COM STK
LEVL	LEVEL ONE BANCORP INC COM
LFAC	LF CAP ACQUISITION CORP CL A
LFACU	LF CAP ACQUISITION CORP UNIT EXP 061925
LFACW	LF CAP ACQUISITION CORP WT EXP 062220
LFC	CHINA LIFE INS CO LTD SPON ADR REP H

LFEQ	VANECK VECTORS ETF TR LONG TREND ETF
LFUS	LITTELFUSE INC COM
LFVN	LIFEVANTAGE CORP COM NEW
LGC	LEGACY ACQUISITION CORP COM CL A
LGC+	LEGACY ACQUISITION CORP WT EXP 113022
LGC=	LEGACY ACQUISITION CORP UNIT EXP 053124
LGF.A	LIONS GATE ENTMNT CORP CL A VTG
LGF.B	LIONS GATE ENTMNT CORP CL B NON VTG
LGH	NORTHERN LTS FD TR III HCM DEFEN 500
LGHL	LION GROUP HOLDING LTD ADS
LGHLW	LION GROUP HOLDING LTD WT EXP 061725
LGI	LAZARD GLOBAL TOTAL RETURN & I COM
LGIH	LGI HOMES INC COM
LGL	LGL GROUP INC COM
LGLV	SPDR SER TR SSGA US LRG ETF
LGND	LIGAND PHARMACEUTICALS INC COM NEW
LGOV	FIRST TR EXCHANGE-TRADED FD IV LNG DUR OPRTUN
LGWV=	LONGVIEW ACQUISITION CORP UNIT
LH	LABORATORY CORP AMER HLDGS COM NEW
LHC	LEO HOLDINGS CORP COM CL A
LHC+	LEO HOLDINGS CORP WT EXP 073120
LHC=	LEO HOLDINGS CORP UNIT EXP 000023
LHCG	LHC GROUP INC COM
LHX	L3HARRIS TECHNOLOGIES INC COM
LIFE	ATYR PHARMA INC COM NEW
LII	LENNOX INTL INC COM
LILA	LIBERTY LATIN AMERICA LTD COM CL A
LILAK	LIBERTY LATIN AMERICA LTD COM CL C
LIN	LINDE PLC SHS
LINC	LINCOLN EDL SVCS CORP COM
LIND	LINDBLAD EXPEDITIONS HLDGS IN COM
LINX	LINX SA SPONSORED ADS
LIQT	LIQTECH INTL INC COM
LIT	GLOBAL X FDS LITHIUM BTRY ETF

LITB	LIGHTINTHEBOX HLDG CO LTD SPONSORED ADR
LITE	LUMENTUM HLDGS INC COM
LIVE	LIVE VENTURES INC COM NEW
LIVK	LIV CAP ACQUISITION CORP CL A
LIVKU	LIV CAP ACQUISITION CORP UNIT EX
LIVKW	LIV CAP ACQUISITION CORP WT EXP 121324
LIVN	LIVANOVA PLC SHS
LIVX	LIVEXLIVE MEDIA INC COM NEW
LIZI	LIZHI INC ADS
LJPC	LA JOLLA PHARMACEUTICAL CO COM PAR \$.0001 2
LK	LUCKIN COFFEE INC SPONSORED ADS
LKCO	LUOKUNG TECHNOLOGY CORP SHS
LKFN	LAKELAND FINL CORP COM
LKQ	LKQ CORP COM
LL	LUMBER LIQUIDATORS HLDGS INC COM
LLEX	LILIS ENERGY INC COM NEW
LLIT	LIANLUO SMART LTD COM CL A
LLNW	LIMELIGHT NETWORKS INC COM
LLY	LILLY ELI & CO COM
LM	LEGG MASON INC COM
LMAT	LEMAITRE VASCULAR INC COM
LMB	LIMBACH HLDGS INC COM
LMBS	FIRST TR EXCHANGE-TRADED FD IV FST LOW OPPT EFT
LMFA	LM FDG AMER INC COM NEW
LMFAW	LM FDG AMER INC WT EXP 103120
LMHA	LEGG MASON INC JR SUB NT 56
LMHB	LEGG MASON INC JR SUB NT 56
LMLB	UBS AG LONDON BRANCH VELOCITSH 3X INV
LMNL	LIMINAL BIOSCIENCES INC COM
LMNR	LIMONEIRA CO COM
LMNX	LUMINEX CORP DEL COM
LMPX	LMP AUTOMOTIVE HLDGS INC COM
LMRK	LANDMARK INFRASTRUCTURE LP COM UNIT LTD
LMRKN	LANDMARK INFRASTRUCTURE LP 7% CNV PFD UNT C

LMRKO	LANDMARK INFRASTRUCTURE LP 7.9% PFD UNIT B
LMRKP	LANDMARK INFRASTRUCTURE LP 8% CUM PFD A
LMST	LIMESTONE BANCORP INC COM
LMT	LOCKHEED MARTIN CORP COM
LN	LINE CORP SPONSORED ADR
LNC	LINCOLN NATL CORP IND COM
LND	BRASILAGRO BRAZILIAN AGRIC REA SPONSORED ADR
LNDC	LANDEC CORP COM
LNG	CHENIERE ENERGY INC COM NEW
LNGR	GLOBAL X FDS LNTY THMTC ETF
LNN	LINDSAY CORP COM
LNT	ALLIANT ENERGY CORP COM
LNTH	LANTHEUS HLDGS INC COM
LOAC	LONGEVITY ACQUISITION CORP ORD SHS
LOACR	LONGEVITY ACQUISITION CORP RT
LOACU	LONGEVITY ACQUISITION CORP UNIT EX 082924
LOACW	LONGEVITY ACQUISITION CORP WT EXP 073125
LOAK	LIVE OAK ACQUISITION CORP COM CL A
LOAK+	LIVE OAK ACQUISITION CORP WT EXP 050827
LOAK=	LIVE OAK ACQUISITION CORP UNIT
LOAN	MANHATTAN BRIDGE CAPITAL INC COM
LOB	LIVE OAK BANCSHARES INC COM
LOCO	EL POLLO LOCO HLDGS INC COM
LODE	COMSTOCK MNG INC COM NEW
LOGC	LOGICBIO THERAPEUTICS INC COM
LOGI	LOGITECH INTL S A SHS
LOGM	LOGMEIN INC COM
LOMA	LOMA NEGRA CORP SPONSORED ADS
LONE	LONESTAR RES US INC CL A VTG
LOOP	LOOP INDS INC COM
LOPE	GRAND CANYON ED INC COM
LORL	LORAL SPACE & COMMUNICATNS INC COM
LOUP	INNOVATOR ETFS TR LOUP FRONTIER
LOV	SPARK NETWORKS SE SPONSORED ADR

LOVE	LOVESAC COMPANY COM
LOW	LOWES COS INC COM
LOWC	SPDR INDEX SHS FDS LOW CARBON ETF
LPCN	LIPOCINE INC NEW COM
LPG	DORIAN LPG LTD SHS USD
LPI	LAREDO PETROLEUM INC COM
LPL	LG DISPLAY CO LTD SPONS ADR REP
LPLA	LPL FINL HLDGS INC COM
LPRO	OPEN LENDING CORP COM CL A
LPSN	LIVEPERSON INC COM
LPTH	LIGHTPATH TECHNOLOGIES INC COM CL A
LPTX	LEAP THERAPEUTICS INC COM
LPX	LOUISIANA PAC CORP COM
LQD	ISHARES TR IBOXX INV CP ETF
LQDA	LIQUIDIA TECHNOLOGIES INC COM
LQDH	ISHARES U S ETF TR INT RT HDG C B
LQDT	LIQUIDITY SERVICES INC COM
LRCX	LAM RESEARCH CORP COM
LRGE	LEGG MASON ETF INVT TR CLEARBRIDEG LR
LRGF	ISHARES TR MULTIFACTOR USA
LRMR	LARIMAR THERAPEUTICS INC COM
LRN	K12 INC COM
LRNZ	LISTED FD TR TRUESHS TECH AI
LSAC	LIFESCI ACQUISITION CORP COM
LSACU	LIFESCI ACQUISITION CORP UNIT EX 033125
LSACW	LIFESCI ACQUISITION CORP WT EXP 021425
LSAF	TWO RDS SHARED TR LDRSHS ALPFACT
LSBK	LAKE SHORE BANCORP INC COM
LSCC	LATTICE SEMICONDUCTOR CORP COM
LSI	LIFE STORAGE INC COM
LSST	NATIXIS ETF TR LOOMIS SAYLES
LSTR	LANDSTAR SYS INC COM
LSXMA	LIBERTY MEDIA CORP DEL COM A SIRIUSXM
LSXMB	LIBERTY MEDIA CORP DEL COM B SIRIUSXM

LSXMK	LIBERTY MEDIA CORP DEL COM C SIRIUSXM
LTBR	LIGHTBRIDGE CORP COM
LTC	LTC PPTYS INC COM
LTHM	LIVENT CORP COM
LTL	PROSHARES TR PSHS UL TELE ETF
LTPZ	PIMCO ETF TR 15+ YR US TIPS
LTRN	LANTERN PHARMA INC COM
LTRPA	LIBERTY TRIPADVISOR HLDGS INC COM SER A
LTRPB	LIBERTY TRIPADVISOR HLDGS INC COM SER B
LTRX	LANTRONIX INC COM NEW
LUB	LUBYS INC COM
LULU	LULULEMON ATHLETICA INC COM
LUMO	LUMOS PHARMA INC COM
LUNA	LUNA INNOVATIONS COM
LUV	SOUTHWEST AIRLS CO COM
LVGO	LIVONGO HEALTH INC COM
LVHD	LEGG MASON ETF INVT TR L VOL H DIV ETF
LVS	LAS VEGAS SANDS CORP COM
LW	LAMB WESTON HLDGS INC COM
LWAY	LIFEWAY FOODS INC COM
LX	LEXINFITECH HLDGS LTD ADR
LXFR	LUXFER HOLDINGS PLC SHS
LXP	LEXINGTON REALTY TRUST COM
LXP-C	LEXINGTON REALTY TRUST PFD CONV SER C
LXRX	LEXICON PHARMACEUTICALS INC COM NEW
LXU	LSB INDS INC COM
LYB	LYONDELLBASELL INDUSTRIES N V SHS - A -
LYFT	LYFT INC CL A COM
LYG	LLOYDS BANKING GROUP PLC SPONSORED ADR
LYL	DRAGON VICTORY INTL LTD SHS
LYRA	LYRA THERAPEUTICS INC COM
LYTS	LSI INDS INC COM
LYV	LIVE NATION ENTERTAINMENT INC COM
LZB	LA Z BOY INC COM

M	MACYS INC COM
MA	MASTERCARD INCORPORATED CL A
MAA	MID-AMER APT CMNTYS INC COM
MAA-I	MID-AMER APT CMNTYS INC PFD SER I
MAC	MACERICH CO COM
MACK	MERRIMACK PHARMACEUTICALS INC COM NEW
MAG	MAG SILVER CORP COM
MAGS	MAGAL SECURITY SYS LTD ORD
MAIN	MAIN STR CAP CORP COM
MAN	MANPOWERGROUP INC COM
MANH	MANHATTAN ASSOCS INC COM
MANT	MANTECH INTL CORP CL A
MANU	MANCHESTER UTD PLC NEW ORD CL A
MAR	MARRIOTT INTL INC NEW CL A
MARA	MARATHON PATENT GROUP INC COM
MARB	FIRST TR EXCH TRADED FD III MERGER ARBITRA
MARK	REMARK HLDGS INC COM
MARPS	MARINE PETE TR UNIT BEN INT
MAS	MASCO CORP COM
MASI	MASIMO CORP COM
MAT	MATTEL INC COM
MATW	MATTHEWS INTL CORP CL A
MATX	MATSON INC COM
MAV	PIONEER MUN HIGH INCOME ADVANT COM
MAXR	MAXAR TECHNOLOGIES INC COM
MAYS	MAYS J W INC COM
MBB	ISHARES TR MBS ETF
MBCN	MIDDLEFIELD BANC CORP COM NEW
MBI	MBIA INC COM
MBII	MARRONE BIO INNOVATIONS INC COM
MBIN	MERCHANTS BANCORP IND COM
MBINO	MERCHANTS BANCORP IND 6% DP SH PFD B
MBINP	MERCHANTS BANCORP IND 7% NCUM PFD A
MBIO	MUSTANG BIO INC COM

MBNKP	MEDALLION BK UTAH 8% PFD SER F
MBOT	MICROBOT MED INC COM NEW
MBRX	MOLECULIN BIOTECH INC COM
MBSD	FLEXSHARES TR DISCP DUR MBS
MBT	MOBILE TELESYSTEMS PJSC SPONSORED ADR
MBUU	MALIBU BOATS INC COM CL A
MBWM	MERCANTILE BANK CORP COM
MC	MOELIS & CO CL A
MCA	BLACKROCK MUNIYIELD CALIF QUAL COM
MCACU	MOUNTAIN CREST ACQUISITION COR UNIT EXP 031925
MCB	METROPOLITAN BK HLDG CORP COM
MCBC	MACATAWA BK CORP COM
MCBS	METROCITY BANKSHARES INC COM
MCC	MEDLEY CAP CORP COM
MCD	MCDONALDS CORP COM
MCEF	FIRST TR EXCHNG TRADED FD VIII MUN CEF IN OPT
MCEP	MID CON ENERGY PARTNERS LP UNIT REPSTG LTD
MCF	CONTANGO OIL & GAS CO COM NEW
MCFT	MASTERCRAFT BOAT HLDGS INC COM
MCHI	ISHARES TR MSCI CHINA ETF
MCHP	MICROCHIP TECHNOLOGY INC. COM
MCHX	MARCHEX INC CL B
MCI	BARINGS CORPORATE INVS COM
MCK	MCKESSON CORP COM
MCMJ	MERIDA MERGER CORP I COM
MCMJW	MERIDA MERGER CORP I WT EXP 110726
MCN	MADISON COVERED CALL & EQUITY COM
MCO	MOODYS CORP COM
MCR	MFS CHARTER INCOME TR SH BEN INT
MCRB	SERES THERAPEUTICS INC COM
MCRI	MONARCH CASINO & RESORT INC COM
MCRO	INDEXIQ ETF TR HDG MACTRK ETF
MCS	MARCUS CORP COM
MCV	MEDLEY CAP CORP SR NT 23

MCX	MEDLEY CAP CORP 6.50 NT 013021
MCY	MERCURY GENL CORP NEW COM
MD	MEDNAX INC COM
MDB	MONGODB INC CL A
MDC	M D C HLDGS INC COM
MDCA	MDC PARTNERS INC CL A SUB VTG
MDGL	MADRIGAL PHARMACEUTICALS INC COM
MDGS	MEDIGUS LTD SPONSORED ADS
MDGSW	MEDIGUS LTD WT C EXP 072323
MDIA	MEDIACO HLDG INC CL A
MDIV	FIRST TR EXCHANGE-TRADED FD VI MULTI ASSET DI
MDJH	MDJM LTD SHS
MDLA	MEDALLIA INC COM
MDLQ	MEDLEY LLC NT 24
MDLX	MEDLEY LLC SR NT 26
MDLY	MEDLEY MGMT INC CL A COM
MDLZ	MONDELEZ INTL INC CL A
MDP	MEREDITH CORP COM
MDRR	MEDALIST DIVERSIFIED REIT INC COM
MDRRP	MEDALIST DIVERSIFIED REIT INC 8% SER A PFD STK
MDRX	ALLSCRIPTS HEALTHCARE SOLUTNS COM
MDT	MEDTRONIC PLC SHS
MDU	MDU RES GROUP INC COM
MDWD	MEDIWOUND LTD ORD SHS
MDY	SPDR S&P MIDCAP 400 ETF TR UTSER1 S&PDCRP
MDYG	SPDR SER TR S&P 400 MDCP GRW
MDYV	SPDR SER TR S&P 400 MDCP VAL
MEC	MAYVILLE ENGINEERING CO INC COM
MED	MEDIFAST INC COM
MEDP	MEDPACE HLDGS INC COM
MEDS	TRXADE GROUP INC COM NEW
MEET	MEET GROUP INC COM
MEI	METHODE ELECTRS INC COM
MEIP	MEI PHARMA INC COM NEW

MELI	MERCADOLIBRE INC COM
MEN	BLACKROCK MUNIENHANCED FD INC COM
MEOH	METHANEX CORP COM
MER-K	BK OF AMERICA CORP INCM CP OBG NT
MERC	MERCER INTL INC COM
MESA	MESA AIR GROUP INC COM NEW
MESO	MESOBLAST LTD SPONS ADR
MET	METLIFE INC COM
MET-A	METLIFE INC PFD A FLT RATE
MET-E	METLIFE INC DEP SHS PFD E
MET-F	METLIFE INC 4.75% DP PFD F
METC	RAMACO RES INC COM
METX	METEN EDTECHX ED GROUP LTD ORD SHS
METXW	METEN EDTECHX ED GROUP LTD WT EXP 033125
MEXX	DIREXION SHS ETF TR DLY MSCI MX 3X
MFA	MFA FINL INC COM
MFA-B	MFA FINL INC PFD SER B
MFA-C	MFA FINL INC 6.50 PFD SER C
MFAC	MEGALITH FINL ACQUISITION CORP CL A COM
MFAC+	MEGALITH FINL ACQUISITION CORP WT EXP 082623
MFAC=	MEGALITH FINL ACQUISITION CORP UNIT EX 093025
MFC	MANULIFE FINL CORP COM
MFD	MACQUARIE / FIRST TR GLOBAL IN COM
MFDX	PIMCO EQUITY SER RAFI DYN MULTI
MFEM	PIMCO EQUITY SER RAFI DYN EMERG
MFG	MIZUHO FINL GROUP INC SPONSORED ADR
MFGP	MICRO FOCUS INTL PLC SPON ADR NEW
MFH	MERCURITY FINTECH HOLDING INC SPONSORED ADS
MFIN	MEDALLION FINL CORP COM
MFINL	MEDALLION FINL CORP NT
MFL	BLACKROCK MUNIHLDS INVSTM QLTY COM
MFM	MFS MUN INCOME TR SH BEN INT
MFNC	MACKINAC FINL CORP COM
MFO	MFA FINL INC SR NT 42

MFT	BLACKROCK MUNIYIELD INVT QUALI COM
MFUS	PIMCO EQUITY SER RAFI DYN ML US
MFV	MFS SPL VALUE TR SH BEN INT
MG	MISTRAS GROUP INC COM
MGA	MAGNA INTL INC COM
MGC	VANGUARD WORLD FD MEGA CAP INDEX
MGEE	MGE ENERGY INC COM
MGEN	MIRAGEN THERAPEUTICS INC COM
MGF	MFS GOVT MKTS INCOME TR SH BEN INT
MGI	MONEYGRAM INTL INC COM NEW
MGIC	MAGIC SOFTWARE ENTERPRISES LTD ORD
MGK	VANGUARD WORLD FD MEGA GRWTH IND
MGLN	MAGELLAN HEALTH INC COM NEW
MGM	MGM RESORTS INTERNATIONAL COM
MGNX	MACROGENICS INC COM
MGP	MGM GROWTH PPTYS LLC CL A COM
MGPI	MGP INGREDIENTS INC NEW COM
MGR	AFFILIATED MANAGERS GROUP INC 5.875 NT SB 59
MGRC	MCGRATH RENTCORP COM
MGTA	MAGENTA THERAPEUTICS INC COM
MGTX	MEIRAGTX HOLDINGS PLC COM
MGU	MACQUARIE GLOBAL INFRASTRUCTUR COM
MGV	VANGUARD WORLD FD MEGA CAP VAL ETF
MGY	MAGNOLIA OIL & GAS CORP CL A
MGYR	MAGYAR BANCORP INC COM
MH-A	MAIDEN HOLDINGS LTD PEF SHS SER A
MH-C	MAIDEN HOLDINGS LTD PFD SHS SER C
MH-D	MAIDEN HOLDINGS LTD PFD SERIES D
MHD	BLACKROCK MUNIHOLDINGS FD INC COM
MHE	BLACKROCK MASS TAX-EXEMPT TR SH BEN INT
MHF	WESTERN ASSET MUN HIGH INCOME COM
MHH	MASTECH DIGITAL INC COM
MHI	PIONEER MUN HIGH INCOME TR COM SHS
MHK	MOHAWK INDS INC COM

MHLA	MAIDEN HLDGS LTD 6.625 NT 2046
MHLD	MAIDEN HOLDINGS LTD SHS
MHN	BLACKROCK MUNIHLDGS NY QLTY FD COM
MHNC	MAIDEN HLDGS NORTH AMER LTD GTD NT 7.75%43
MHO	M/I HOMES INC COM
MIC	MACQUARIE INFRASTRUCTURE CORP COM
MICT	MICT INC COM
MIDD	MIDDLEBY CORP COM
MIDF	ISHARES TR EDGE MSCI MULT
MIDU	DIREXION SHS ETF TR DLY MIDCAP ETF3X
MIE	COHEN & STEERS MLP INC & ENRGY COM SHS
MIK	MICHAELS COS INC COM
MILN	GLOBAL X FDS MILL THEM C ETF
MIME	MIMECAST LTD ORD SHS
MIN	MFS INTER INCOME TR SH BEN INT
MINC	ADVISORSHARES TR NEWFLT MULSINC
MIND	MITCHAM INDS INC COM
MINDP	MITCHAM INDS INC PFD SER A
MINI	MOBILE MINI INC COM
MINT	PIMCO ETF TR ENHAN SHRT MA AC
MIRM	MIRUM PHARMACEUTICALS INC COM
MIST	MILESTONE PHARMACEUTICALS INC COM
MITK	MITEK SYS INC COM NEW
MITO	STEALTH BIOTHERAPEUTICS CORP SPONSORED ADS
MITT	AG MTG INVT TR INC COM
MITT-A	AG MTG INVT TR INC 8.25% PFD SER A
MITT-B	AG MTG INVT TR INC PFD SER B 8.00%
MITT-C	AG MTG INVT TR INC 8% CUM PFD C
MIXT	MIX TELEMATICS LTD SPONSORED ADR
MIY	BLACKROCK MUNIYLD MICH QLTY FD COM
MJ	ETF MANAGERS TR ETFMG ALTR HRVST
MJCO	MAJESCO COM
MJJ	BANK OF MONTREAL NT LKD 39
MJO	BANK OF MONTREAL ENT LKD 39

MKC	MCCORMICK & CO INC COM NON VTG
MKC.V	MCCORMICK & CO INC COM VTG
MKD	MOLECULAR DATA INC SPONSORED ADS
MKGI	MONAKER GROUP INC COM NEW
MKL	MARKEL CORP COM
MKSI	MKS INSTRS INC COM
MKTX	MARKETAXESS HLDGS INC COM
MLAB	MESA LABS INC COM
MLCO	MELCO RESORTS AND ENTMNT LTD ADR
MLHR	MILLER HERMAN INC COM
MLI	MUELLER INDS INC COM
MLM	MARTIN MARIETTA MATLS INC COM
MLND	MILLENDO THERAPEUTICS INC COM
MLP	MAUI LD & PINEAPPLE INC COM
MLPA	GLOBAL X FDS GLBL X MLP ETF
MLPB	UBS AG LONDON BRANCH ETRACS ALER MLP
MLPC	CITIGROUP INC CTRAKS ETN MILLR
MLPE	CITIGROUP GLOBAL MKTS HLDGS IN GEN VAR 26
MLPG	UBS AG JERSEY BRH LKD ALRN NTGAS
MLPI	UBS AG JERSEY BRH ALERIAN INFRST
MLPO	CREDIT SUISSE NASSAU BRANCH ETN LKD 34
MLPR	UBS AG LONDON BRANCH ETRACS LKD ETN
MLPX	GLOBAL X FDS GLB X MLP ENRG I
MLPY	MORGAN STANLEY CUSHNG MLP ETN
MLR	MILLER INDS INC TENN COM NEW
MLSS	MILESTONE SCIENTIFIC INC COM NEW
MLVF	MALVERN BANCORP INC COM
MMAC	MMA CAPITAL HOLDINGS INC COM
MMC	MARSH & MCLENNAN COS INC COM
MMD	MAINSTAY MACKAY DEFINDTRM MUNI COM
MMI	MARCUS & MILLICHAP INC COM
MMIN	INDEXIQ ACTIVE ETF TR IQ MACKAY INSRED
MMIT	INDEXIQ ACTIVE ETF TR IQ MACKAY INTRME
MMLP	MARTIN MIDSTREAM PRTRNS L P UNIT L P INT

MMM	3M CO COM
MMP	MAGELLAN MIDSTREAM PRTNRS LP COM UNIT RP LP
MMS	MAXIMUS INC COM
MMSI	MERIT MED SYS INC COM
MMT	MFS MULTIMARKET INCOME TR SH BEN INT
MMTM	SPDR SER TR S&P1500MOMTILT
MMU	WESTERN ASSET MANAGED MUNS FD COM
MMX	MAVERIX METALS INC COM NEW
MMYT	MAKEMYTRIP LIMITED MAURITIUS SHS
MN	MANNING & NAPIER INC CL A
MNA	INDEXIQ ETF TR IQ MRGR ARB ETF
MNCL	MONOCLE ACQUISITION CORP COM
MNCLU	MONOCLE ACQUISITION CORP UNIT
MNCLW	MONOCLE ACQUISITION CORP WT EXP 120624
MNDO	MIND C T I LTD ORD
MNK	MALLINCKRODT PUB LTD CO SHS
MNKD	MANNKIND CORP COM NEW
MNLO	MENLO THERAPEUTICS INC COM
MNOV	MEDICINOVA INC COM NEW
MNP	WESTERN ASSET MUN PARTNERS FD COM
MNPR	MONOPAR THERAPEUTICS INC COM
MNR	MONMOUTH REAL ESTATE INVT CORP CL A
MNR-C	MONMOUTH REAL ESTATE INVT CORP PFD SER C
MNRL	BRIGHAM MINERALS INC CL A COM
MNRO	MONRO INC COM
MNSB	MAINSTREET BANCSHARES INC COM
MNST	MONSTER BEVERAGE CORP NEW COM
MNTA	MOMENTA PHARMACEUTICALS INC COM
MNTX	MANITEX INTL INC COM
MO	ALTRIA GROUP INC COM
MOBL	MOBILEIRON INC COM NEW
MOD	MODINE MFG CO COM
MODN	MODEL N INC COM
MOFG	MIDWESTONE FINL GROUP INC NEW COM

MOG.A	MOOG INC CL A
MOG.B	MOOG INC CL B
MOGO	MOGO INC COM
MOGU	MOGU INC SPON ADS
MOH	MOLINA HEALTHCARE INC COM
MOHO	ECMOHO LTD SPONSORED ADS
MOM	AGF INVTS TR AGFIQ US MK MNTM
MOMO	MOMO INC ADR
MOO	VANECK VECTORS ETF TR AGRIBUSINESS ETF
MOR	MORPHOSYS AG SPONSORED ADS
MORF	MORPHIC HLDG INC COM
MORN	MORNINGSTAR INC COM
MORT	VANECK VECTORS ETF TR MTG REIT INCOME
MOS	MOSAIC CO NEW COM
MOSY	MOSYS INC COM
MOTO	GUINNESS ATKINSON FDS SMARTETF TRASP
MOTS	MOTUS GI HLDGS INC COM
MOV	MOVADO GROUP INC COM
MOXC	MOXIAN INC COM
MPA	BLACKROCK MUNIYIELD PA QLTY FD COM
MPAA	MOTORCAR PTS AMER INC COM
MPB	MID PENN BANCORP INC COM
MPC	MARATHON PETE CORP COM
MPLX	MPLX LP COM UNIT REP LTD
MPV	BARINGS PARTN INVS SH BEN INT
MPW	MEDICAL PPTYS TRUST INC COM
MPWR	MONOLITHIC PWR SYS INC COM
MPX	MARINE PRODS CORP COM
MQT	BLACKROCK MUNIYIELD QUALITY FD COM
MQY	BLACKROCK MUNIYILD QULT FD INC COM
MR	MONTAGE RES CORP COM
MRAM	EVERSPIN TECHNOLOGIES INC COM
MRBK	MERIDIAN BK PAOLI PA COM
MRC	MRC GLOBAL INC COM

MRCC	MONROE CAP CORP COM
MRCCL	MONROE CAP CORP 5.75% NT 23
MRCY	MERCURY SYS INC COM
MREO	MEREO BIOPHARMA GROUP PLC ADS
MRIN	MARIN SOFTWARE INC COM NEW
MRK	MERCK & CO. INC COM
MRKR	MARKER THERAPEUTICS INC COM
MRLN	MARLIN BUSINESS SVCS CORP COM
MRNA	MODERNA INC COM
MRNS	MARINUS PHARMACEUTICALS INC COM
MRO	MARATHON OIL CORP COM
MRSN	MERSANA THERAPEUTICS INC COM
MRTN	MARTEN TRANS LTD COM
MRTX	MIRATI THERAPEUTICS INC COM
MRUS	MERUS N V COM
MRVL	MARVELL TECHNOLOGY GROUP LTD ORD
MS	MORGAN STANLEY COM NEW
MS-A	MORGAN STANLEY PFD A 1/1000
MS-E	MORGAN STANLEY DEP SHS 1/1000 E
MS-F	MORGAN STANLEY DEP SHS 1/1000TH
MS-I	MORGAN STANLEY DEP FIX/FLT
MS-K	MORGAN STANLEY NONCM DEP PFD K
MS-L	MORGAN STANLEY 4.875 DP RP SR L
MSA	MSA SAFETY INC COM
MSB	MESABI TR CTF BEN INT
MSBF	MSB FINL CORP NEW COM
MSBI	MIDLAND STS BANCORP INC ILL COM
MSC	STUDIO CITY INTL HLDGS LTD SPON ADS
MSCI	MSCI INC COM
MSD	MORGAN STANLEY EMER MKTS DEBT COM
MSEX	MIDDLESEX WATER CO COM
MSFT	MICROSOFT CORP COM
MSGE	MADISON SQUARE GRDN ENTERTNMNT CL A
MSGN	MSG NETWORK INC CL A

MSGS	MADISON SQUARE GRDN SPRT CORP CL A
MSI	MOTOROLA SOLUTIONS INC COM NEW
MSM	MSC INDL DIRECT INC CL A
MSN	EMERSON RADIO CORP COM NEW
MSON	MISONIX INC COM
MSTR	MICROSTRATEGY INC CL A NEW
MSVB	MID SOUTHERN BANCORP INC COM
MT	ARCELORMITTAL SA LUXEMBOURG NY REGISTRY SH
MTA	METALLA RTY & STREAMING LTD COM NEW
MTB	M & T BK CORP COM
MTBC	MTBC INC COM
MTBCP	MTBC INC 11% CUM PFD CL A
MTC	MMTEC INC SHS
MTCH	MATCH GROUP INC COM
MTCN	ARCELORMITTAL SA LUXEMBOURG 5.5 NT LKD 23
MTD	METTLER TOLEDO INTERNATIONAL COM
MTDR	MATADOR RES CO COM
MTEM	MOLECULAR TEMPLATES INC COM
MTEX	MANNATECH INC COM NEW
MTG	MGIC INVT CORP WIS COM
MTGP	WISDOMTREE TR MORTGAGE PLUS BD
MTH	MERITAGE HOMES CORP COM
MTL	MECHEL PAO SPONSORED ADR NE
MTL-	MECHEL PAO SPON ADR PFD
MTLS	MATERIALISE NV SPONSORED ADS
MTN	VAIL RESORTS INC COM
MTNB	MATINAS BIOPHARMA HLDGS INC COM
MTOR	MERITOR INC COM
MTP	MIDATECH PHARMA PLC SPONSORED ADS
MTR	MESA RTY TR UNIT BEN INT
MTRN	MATERION CORP COM
MTRX	MATRIX SVC CO COM
MTSC	MTS SYS CORP COM
MTSI	MACOM TECH SOLUTIONS HLDGS INC COM

MTSL	MER TELEMANAGEMENT SOLUTIONS SHS
MTT	WESTERN ASSET MUN DEF OPP TR COM
MTW	MANITOWOC CO INC COM NEW
MTX	MINERALS TECHNOLOGIES INC COM
MTZ	MASTEC INC COM
MU	MICRON TECHNOLOGY INC COM
MUA	BLACKROCK MUNIASSETS FD INC COM
MUB	ISHARES TR NATIONAL MUN ETF
MUC	BLACKROCK MUNIHLDNCS CALI QLTY COM
MUE	BLACKROCK MUNIHOLDINGS QUALITY COM
MUFG	MITSUBISHI UFJ FINL GROUP INC SPONSORED ADS
MUH	BLACKROCK MUNIHOLDINGS FD II I COM
MUI	BLACKROCK MUNI INTER DR FD INC COM
MUJ	BLACKROCK MUNIHLDGS NJ QLTY FD COM
MUNI	PIMCO ETF TR INTER MUN BD ACT
MUR	MURPHY OIL CORP COM
MUS	BLACKROCK MUNIHOLDINGS QUALITY COM
MUSA	MURPHY USA INC COM
MUST	COLUMBIA ETF TR I MULTI SEC MUNI
MUTE	DIREXION SHS ETF TR DAILY BEAR 3X
MUX	MCEWEN MNG INC COM
MVBF	MVB FINL CORP COM
MVC	MVC CAPITAL INC COM
MVCD	MVC CAPITAL INC 6.25% SR NT 22
MVF	BLACKROCK MUNIVEST FD INC COM
MVIN	NATIXIS ETF TR SEEYOND INTL ETF
MVIS	MICROVISION INC DEL COM NEW
MVO	MV OIL TR TR UNITS
MVRL	UBS AG LONDON BRANCH ETRACS ETN 50
MVT	BLACKROCK MUNIVEST FD II INC COM
MVV	PROSHARES TR PSHS ULT MCAP400
MWA	MUELLER WTR PRODS INC COM SER A
MWK	MOHAWK GROUP HLDGS INC COM
MX	MAGNACHIP SEMICONDUCTOR CORP N COM

MXC	MEXCO ENERGY CORP COM
MXDE	ETF SER SOLUTIONS NATIONWIDE MAX
MXDU	ETF SER SOLUTIONS NATIONWIDE MAX
MXE	MEXICO EQUITY & INCOME FD COM
MXF	MEXICO FD INC COM
MXI	ISHARES TR GLOBAL MATER ETF
MXIM	MAXIM INTEGRATED PRODS INC COM
MXL	MAXLINEAR INC COM
MYC	BLACKROCK MUNIYIELD CALIF FD I COM
MYD	BLACKROCK MUNIYIELD FD INC COM
MYE	MYERS INDS INC COM
MYF	BLACKROCK MUNIYIELD INVT FD COM
MYFW	FIRST WESTN FINL INC COM
MYGN	MYRIAD GENETICS INC COM
MYI	BLACKROCK MUNIYIELD QUALITY FD COM
MYJ	BLACKROCK MUNIYIELD N J FD INC COM
MYL	MYLAN NV SHS EURO
MYN	BLACKROCK MUNIYIELD N Y QUALIT COM
MYO	MYOMO INC COM NEW
MYOK	MYOKARDIA INC COM
MYOS	MYOS RENS TECHNOLOGY INC COM
MYOV	MYOVANT SCIENCES LTD COM
MYRG	MYR GROUP INC DEL COM
MYSZ	MY SIZE INC COM NEW
MYT	URBAN TEA INC ORD SHS
MYY	PROSHARES TR PSHS SH MDCAP400
MZA	BLACKROCK MUNIYIELD ARIZ FD IN COM
MZZ	PROSHARES TR ULTSHT MIDCAP400
NAC	NUVEEN CA QUALTY MUN INCOME FD COM
NACP	IMPACT SHS FDS I TR NAACP MINO ETF
NAD	NUVEEN QUALITY MUNCP INCOME FD COM
NAII	NATURAL ALTERNATIVES INTL INC COM NEW
NAIL	DBX ETF TR DALY HOM B&S BUL
NAK	NORTHERN DYNASTY MINERALS LTD COM NEW

NAKD	NAKED BRAND GROUP LIMITED SHS NEW
NAN	NUVEEN NEW YORK QLT MUN INC FD COM
NANR	SPDR INDEX SHS FDS S&P NORTH AMER
NAOV	NANOVIBRONIX INC COM
NARI	INARI MED INC COM
NAT	NORDIC AMERICAN TANKERS LIMITE COM
NATH	NATHANS FAMOUS INC NEW COM
NATI	NATIONAL INSTRS CORP COM
NATR	NATURES SUNSHINE PRODS INC COM
NAV	NAVISTAR INTL CORP NEW COM
NAV-D	NAVISTAR INTL CORP PFD SR D CONV
NAVB	NAVIDEA BIOPHARMACEUTICALS INC COM NEW
NAVI	NAVIENT CORPORATION COM
NAZ	NUVEEN ARIZONA QLT MUN INC FD COM
NBAC	NEWBORN ACQUISITION CORP SHS
NBACR	NEWBORN ACQUISITION CORP RT
NBACU	NEWBORN ACQUISITION CORP UNIT EX
NBACW	NEWBORN ACQUISITION CORP WT EXP 020325
NBB	NUVEEN TAXABLE MUNICIPAL INCOM COM
NBEV	NEW AGE BEVERAGES CORP COM
NBH	NEUBERGER BERMAN MUN FD INC COM
NBHC	NATIONAL BK HLDGS CORP CL A
NBIX	NEUROCRINE BIOSCIENCES INC COM
NBL	NOBLE ENERGY INC COM
NBLX	NOBLE MIDSTREAM PARTNERS LP COM UNIT REPST
NBN	NORTHEAST BK LEWISTON ME COM
NBO	NEUBERGER BRMAN NY MUNI FD INC COM
NBR	NABORS INDUSTRIES LTD SHS
NBR-A	NABORS INDUSTRIES LTD 6% PFD CNV SR A
NBRV	NABRIVA THERAPEUTICS PLC SHS
NBSE	NEUBASE THERAPEUTICS INC COM
NBTB	CNB BANCORP INC COM
NBW	NEUBERGER BRMAN CLIFRN MUNI FD COM
NBY	NOVABAY PHARMACEUTICALS INC COM NEW

NC	NACCO INDS INC CL A
NCA	NUVEEN CALIF MUN VALUE FD INC COM
NCB	NUVEEN CALIF MUNICIPAL VALUE F COM
NCBS	NICOLET BANKSHARES INC COM
NCLH	NORWEGIAN CRUISE LINE HLDG LTD SHS
NCMI	NATIONAL CINEMEDIA INC COM
NCNA	NUCANA PLC SPONSORED ADR
NCR	NCR CORP NEW COM
NCSM	NCS MULTISTAGE HLDGS INC COM
NCTY	THE9 LTD SPON ADS
NCV	ALLIANZGI CONV INCOME FD COM
NCV-A	ALLIANZGI CONV INCOME FD 5.625% CUM PFD A
NCZ	ALLIANZGI CONV INCOME FD II COM
NCZ-A	ALLIANZGI CONV INCOME FD II 5.50% CUM PFD A
NDAQ	NASDAQ INC COM
NDLS	NOODLES & CO COM CL A
NDP	TORTOISE ENERGY INDEPENDENC FD COM
NDRA	ENDRA LIFE SCIENCES INC COM
NDRAW	ENDRA LIFE SCIENCES INC WT EX
NDSN	NORDSON CORP COM
NE	NOBLE CORP PLC SHS USD
NEA	NUVEEN AMT FREE QLTY MUN INCME COM
NEE	NEXTERA ENERGY INC COM
NEE-I	NEXTERA ENERGY CAP HLDGS INC SUB DEB 72
NEE-J	NEXTERA ENERGY CAP HLDGS INC SUB DEB SER J 73
NEE-K	NEXTERA ENERGY CAP HLDGS INC JR SUB DEB 76
NEE-N	NEXTERA ENERGY CAP HLDGS INC 5.65 JR SB 79 N
NEE-O	NEXTERA ENERGY INC 4.872 CORP UNITS
NEE-P	NEXTERA ENERGY INC CORPORATE UNITS
NEED	DIREXION SHS ETF TR DLY CNMSR BULL
NEM	NEWMONT CORP COM
NEN	NEW ENGLAND RLTY ASSOC LTD PAR DEPOSITRY RCPT
NEO	NEOGENOMICS INC COM NEW
NEOG	NEOGEN CORP COM

NEON	NEONODE INC COM PAR
NEOS	NEOS THERAPEUTICS INC COM
NEP	NEXTERA ENERGY PARTNERS LP COM UNIT PART IN
NEPH	NEPHROS INC COM
NEPT	NEPTUNE WELLNESS SOLUTIONS INC COM
NERD	LISTED FD TR ROUNDHILL BITK
NERV	MINERVA NEUROSCIENCES INC COM
NES	NUVERRA ENVIRONMENTAL SOLUTION COM PAR
NESR	NATIONAL ENERGY SERVICES REUNI SHS
NESRW	NATIONAL ENERGY SERVICES REUNI WT EXP 050522
NET	CLOUDFLARE INC CL A COM
NETE	NET ELEMENT INC COM
NETL	ETF SER SOLUTIONS NETLEASE CORP
NEU	NEWMARKET CORP COM
NEV	NUVEEN ENHANCED MUN VALUE FD COM
NEW	PUXIN LTD ADS
NEWA	NEWATER TECHNOLOGY INC SHS
NEWR	NEW RELIC INC COM
NEWT	NEWTEK BUSINESS SVCS CORP COM NEW
NEWTI	NEWTEK BUSINESS SVCS CORP 6.25% NT 23
NEWTL	NEWTEK BUSINESS SVCS CORP 5.75% NT 24
NEX	NEXTIER OILFIELD SOLUTIONS COM
NEXA	NEXA RES S A COM
NEXT	NEXTDECADE CORP COM
NFBK	NORTHFIELD BANCORP INC DEL COM
NFE	NEW FORTRESS ENERGY LLC CL A SHS RP LLC
NFG	NATIONAL FUEL GAS CO N J COM
NFH	NEW FRONTIER HEALTH CORP ORD SHS
NFH+	NEW FRONTIER HEALTH CORP WT EXP 113024
NFIN	NETFIN ACQUISITION CORP SHS CL A
NFINU	NETFIN ACQUISITION CORP UNIT EX 080124
NFINW	NETFIN ACQUISITION CORP WT EXP 080124
NFJ	ALLIANZGI DIVIDEND INT & PRMIU COM
NFLT	ETFIS SER TR I VIRTUS NEWFLEET

NFLX	NETFLIX INC COM
NFRA	FLEXSHARES TR STOXX GLOBR INF
NFTY	FIRST TR EXCH TRD ALPHDX FD II INDIA NFTY50 EQW
NG	NOVAGOLD RES INC COM NEW
NGD	NEW GOLD INC CDA COM
NGE	GLOBAL X FDS GBL X MSCI NIGER
NGG	NATIONAL GRID PLC SPONSORED ADR NE
NGHC	NATIONAL GEN HLDGS CORP COM
NGHCN	NATIONAL GEN HLDGS CORP DEP SHS PFD C
NGHCO	NATIONAL GEN HLDGS CORP DEP SHS PFD-B
NGHCP	NATIONAL GEN HLDGS CORP PFD SER A %
NGHCZ	NATIONAL GEN HLDGS CORP SUB NT
NGL	NGL ENERGY PARTNERS LP COM UNIT REPST
NGL-B	NGL ENERGY PARTNERS LP PFD UNIT CL B
NGL-C	NGL ENERGY PARTNERS LP 9.625 PFD UNIT C
NGLS-A	TARGA RESOURCES PARTNERS LP PFD SER A
NGM	NGM BIOPHARMACEUTICALS INC COM
NGS	NATURAL GAS SERVICES GROUP COM
NGVC	NATURAL GROCERS BY VITAMIN COT COM
NGVT	INGEVITY CORP COM
NH	NANTHEALTH INC COM
NHA	NUVEEN MUN 2021 TARGET TERM FD COM
NHC	NATIONAL HEALTHCARE CORP COM
NHF	NEXPOINT STRATEGIC OPORTUNT FD COM NEW
NHI	NATIONAL HEALTH INVS INC COM
NHLD	NATIONAL HOLDINGS CORP COM NEW
NHLDW	NATIONAL HOLDINGS CORP WT EXP 011822
NHS	NEUBERGER BERMAN HIGH YIELD ST COM
NHTC	NATURAL HEALTH TRENDS CORP COM
NI	NISOURCE INC COM
NI-B	NISOURCE INC 6.5% DEPSHS PFDB
NIB	BARCLAYS BANK PLC ETN DJUBSCOCO 38
NICE	NICE LTD SPONSORED ADR
NICK	NICHOLAS FINANCIAL INC COM NEW

NID	NUVEEN INTER DURATION MN TMFD COM
NIE	ALLIANZGI EQUITY & CONV INCOME COM
NIFE	DIREXION SHS ETF TR FALLEN KNIVES
NIM	NUVEEN SELECT MAT MUN FD SH BEN INT
NINE	NINE ENERGY SVC INC COM
NIO	NIO INC SPON ADS
NIQ	NUVEEN INT DUR QUAL MUN TRM FD COM
NIU	NIU TECHNOLOGIES ADS
NJR	NEW JERSEY RES COM
NJV	NUVEEN NEW JERSEY MUN VALUE FD SHS
NK	NANTKWEST INC COM
NKE	NIKE INC CL B
NKG	NUVEEN GEORGIA QLTY MUN INC FD COM
NKLA	NIKOLA CORP COM
NKLAW	NIKOLA CORP WT EXP 060325
NKSH	NATIONAL BANKSHARES INC VA COM
NKTR	NEKTAR THERAPEUTICS COM
NKX	NUVEEN CALIFORNIA AMT QLT MUN COM
NL	NL INDS INC COM NEW
NLOK	NORTONLIFELOCK INC COM
NLR	VANECK VECTORS ETF TR URANIUM NUCLEAR
NLS	NAUTILUS INC COM
NLSN	NIELSEN HLDGS PLC SHS EUR
NLTX	NEOLEUKIN THERAPEUTICS INC COM
NLY	ANNALY CAPITAL MANAGEMENT INC COM
NLY-D	ANNALY CAPITAL MANAGEMENT INC PFD SER D %
NLY-F	ANNALY CAPITAL MANAGEMENT INC 6.95% PFD SER F
NLY-G	ANNALY CAPITAL MANAGEMENT INC PFD SER G
NLY-I	ANNALY CAPITAL MANAGEMENT INC 6.750% CUM PFD I
NM	NAVIOS MARITIME HLDGS INC COM
NM-G	NAVIOS MARITIME HOLDINGS INC SPN ADS RP PFD G
NM-H	NAVIOS MARITIME HOLDINGS INC SPON ADR PFD H
NMCI	NAVIOS MARITIME CONTAINERS L P COM UNIT RP LP
NMCO	NUVEEN MUN CR OPPORTUNITIES FD COM

NMFC	NEW MTN FIN CORP COM
NMFX	NEW MTN FIN CORP 5.75% NT SR 23
NMI	NUVEEN MUN INCOME FD INC COM
NMIH	NMI HLDGS INC CL A
NMK-B	NIAGARA MOHAWK PWR CORP PFD 3.60%
NMK-C	NIAGARA MOHAWK PWR CORP PFD 3.90%
NML	NEUBERGER BERMAN MLP AND ENRGY COM
NMM	NAVIOS MARITIME PARTNERS L P COM UNIT LPI
NMR	NOMURA HLDGS INC SPONSORED ADR
NMRD	NEMAURA MED INC COM NEW
NMRK	NEWMARK GROUP INC CL A
NMS	NUVEEN MINESOTA QLT MUN INC FD SHS
NMT	NUVEEN MASSACHUSETS QLT MUN FD COM
NMTR	9 METERS BIOPHARMA INC COM
NMY	NUVEEN MARYLAND QLT MUN INC FD COM
NMZ	NUVEEN MUN HIGH INCOME OPPORTU COM
NNA	NAVIOS MARITIME ACQUIS CORP SHS
NNBR	NN INC COM
NNDM	NANO DIMENSION LTD SPONSORD ADS NEW
NNI	NELNET INC CL A
NNN	NATIONAL RETAIL PROPERTIES INC COM
NNN-F	NATIONAL RETAIL PROPERTIES INC DEP SHS PFD F
NNVC	NANOVIRICIDES INC COM
NNY	NUVEEN N Y MUN VALUE FD INC COM
NOA	NORTH AMERN CONSTR GROUP LTD COM
NOAH	NOAH HLDGS LTD SPON ADS CL A
NOC	NORTHROP GRUMMAN CORP COM
NODK	NI HLDGS INC COM
NOG	NORTHERN OIL & GAS INC NEV COM
NOK	NOKIA CORP SPONSORED ADR
NOM	NUVEEN MISSOURI QLT MUN INC FD COM
NOMD	NOMAD FOODS LTD USD ORD SHS
NORW	GLOBAL X FDS GLBX MSCI NORW
NOV	NATIONAL OILWELL VARCO INC COM

NOVA	SUNNOVA ENERGY INTL INC COM
NOVN	NOVAN INC COM
NOVS	NOVUS CAP CORP COM
NOVSU	NOVUS CAP CORP UNIT EXP 063027
NOVSW	NOVUS CAP CORP WT EXP 063027
NOVT	NOVANTA INC COM
NOW	SERVICENOW INC COM
NP	NEENAH INC COM
NPA	NEW PROVIDENCE ACQUISITION COM CL A
NPAUU	NEW PROVIDENCE ACQUISITION UNIT EX 090124
NPAWW	NEW PROVIDENCE ACQUISITION WT EXP 091126
NPK	NATIONAL PRESTO INDS INC COM
NPN	NUVEEN PA MUN VALUE FD COM
NPO	ENPRO INDS INC COM
NPTN	NEOPHOTONICS CORP COM
NPV	NUVEEN VIRGINIA QLTY MUNCPL FD COM
NQP	NUVEEN PENNSYLVANIA QLT MUN FD COM
NR	NEWPARK RES INC COM PAR \$.01NEW
NRBO	NEUROBO PHARMACEUTICALS INC COM
NRC	NATIONAL RESH CORP COM NEW
NREF	NEXPOINT REAL ESTATE FIN INC COM
NRG	NRG ENERGY INC COM NEW
NRGD	BANK OF MONTREAL BIG OIL INDX 3X
NRGO	BANK OF MONTREAL BIG OIL 2X LEV
NRGU	BANK OF MONTREAL BIG OIL 3X LEV
NRGX	PIMCO ENRGY TACTICAL CR OPP FD COM SHS BEN INT
NRGZ	BANK OF MONTREAL BIG OIL INDX 2X
NRIM	NORTHRIM BANCORP INC COM
NRK	NUVEEN NEW YORK AMT QLT MUNICP COM
NRO	NEUBERGER BERMAN REAL ESTATE S COM
NRP	NATURAL RESOURCE PARTNERS L P COM UNIT LTD PAR
NRT	NORTH EUROPEAN OIL RTY TR SH BEN INT
NRUC	NATIONAL RURAL UTILS COOP FIN 5.5% SUB NT 64
NRZ	NEW RESIDENTIAL INVT CORP COM NEW

NRZ-A	NEW RESIDENTIAL INVT CORP 7.50% PFD SER A
NRZ-B	NEW RESIDENTIAL INVT CORP 7.125 SR B PFD
NRZ-C	NEW RESIDENTIAL INVT CORP 6.375 PFD SER C
NS	NUSTAR ENERGY LP UNIT COM
NS-A	NUSTAR ENERGY LP PFD UNIT SER A
NS-B	NUSTAR ENERGY LP RED PFD SER B
NS-C	NUSTAR ENERGY LP 9.00% CUM PFD C
NSA	NATIONAL STORAGE AFFILIATES TR COM SHS BEN IN
NSA-A	NATIONAL STORAGE AFFILIATES TR 6% PFD BEN INT A
NSC	NORFOLK SOUTHERN CORP COM
NSCO	NESCO HLDGS INC COM
NSCO+	NESCO HLDGS INC WT EXP 010125
NSEC	NATIONAL SEC GROUP INC COM
NSIT	INSIGHT ENTERPRISES INC COM
NSL	NUVEEN SR INCOME FD COM
NSP	INSPERITY INC COM
NSPR	INSPIREMD INC COM
NSPR+	INSPIREMD INC WT EXP 070721
NSPR+B	INSPIREMD INC WT B EXP 031422
NSS	NUSTAR LOGISTICS L P SB NT FX/FL 43
NSSC	NAPCO SEC TECHNOLOGIES INC COM
NSTG	NANOSTRING TECHNOLOGIES INC COM
NSYS	NORTECH SYS INC COM
NTAP	NETAPP INC COM
NTB	BANK OF NT BUTTERFIELD&SON LTD SHS NEW
NTCO	NATURA &CO HLDG S A ADS
NTCT	NETSCOUT SYS INC COM
NTEC	INTEC PHARMA LTD JERUSALEM SHS
NTES	NETEASE INC SPONSORED ADS
NTG	TORTOISE MIDSTRM ENERGY FD INC COM
NTGR	NETGEAR INC COM
NTIC	NORTHERN TECH INTL CORP COM
NTIP	NETWORK-1 TECHNOLOGIES INC COM
NTLA	INTELLIA THERAPEUTICS INC COM

NTN	NTN BUZZTIME INC COM PAR
NTNX	NUTANIX INC CL A
NTP	NAM TAI PPTY INC SHS
NTR	NUTRIEN LTD COM
NTRA	NATERA INC COM
NTRP	NEUROTROPE INC COM NEW
NTRS	NORTHERN TR CORP COM
NTRSO	NORTHERN TR CORP 4.7 DPRP PFD E
NTSX	WISDOMTREE TR 90/60 BALNCED FD
NTUS	NATUS MED INC DEL COM
NTWK	NETSOL TECHNOLOGIES INC COM PAR \$.001
NTZ	NATUZZI S P A SPON ADS
NUAG	NUSHARES ETF TR NUVEEN ENHNC YLD
NUAN	NUANCE COMMUNICATIONS INC COM
NUBD	NUSHARES ETF TR NUVEEN ESG US
NUE	NUCOR CORP COM
NUGT	DIREXION SHS ETF TR DLY GOLD INDX 2X
NUHY	NUSHARES ETF TR ESG HI TLD CRP
NUM	NUVEEN MICH QUALITY MUN INCOME COM
NUO	NUVEEN OHIO QLTY MUN INCOME FD COM
NURO	NEUROMETRIX INC COM
NUS	NU SKIN ENTERPRISES INC CL A
NUSA	NUSHARES ETF TR NUVEEN ENHCD 1 5
NUSI	ETF SER SOLUTIONS NATIONWIDE RSK
NUV	NUVEEN MUN VALUE FD INC COM
NUVA	NUVASIVE INC COM
NUW	NUVEEN AMT-FREE MUN VALUE FD COM
NVAX	NOVAVAX INC COM NEW
NVCN	NEOVASC INC COM
NVCR	NOVOCURE LTD ORD SHS
NVDA	NVIDIA CORPORATION COM
NVEC	NVE CORP COM NEW
NVEE	NV5 GLOBAL INC COM
NVFY	NOVA LIFESTYLE INC COM NEW

NVG	NUVEEN AMT FREE MUN CR INC FD COM
NVGS	NAVIGATOR HOLDINGS LTD SHS
NVIV	INVIVO THERAPEUTICS HLDGS CORP COM
NVMI	NOVA MEASURING INSTRUMENTS LTD COM
NVO	NOVO-NORDISK A S ADR
NVR	NVR INC COM
NVRO	NEVRO CORP COM
NVS	NOVARTIS AG SPONSORED ADR
NVST	ENVISTA HOLDINGS CORPORATION COM
NVT	NVENT ELECTRIC PLC SHS
NVTA	INVITAE CORP COM
NVUS	NOVUS THERAPEUTICS INC COM
NWBI	NORTHWEST BANCSHARES INC MD COM
NWE	NORTHWESTERN CORP COM NEW
NWFL	NORWOOD FINANCIAL CORP COM
NWGI	NEWGIOCO GROUP INC COM NEW
NWHM	NEW HOME CO INC COM
NWL	NEWELL BRANDS INC COM
NWLI	NATIONAL WESTN LIFE GROUP INC CL A
NWN	NORTHWEST NAT HLDG CO COM
NWPX	NORTHWEST PIPE CO COM
NWS	NEWS CORP NEW CL B
NWSA	NEWS CORP NEW CL A
NX	QUANEX BUILDING PRODUCTS CORP COM
NXC	NUVEEN CALIF SELECT TAX FREE I SH BEN INT
NXE	NEXGEN ENERGY LTD COM
NXGN	NEXTGEN HEALTHCARE INC COM
NXJ	NUVEEN NEW JERSEY QULT MUN FD COM
NXN	NUVEEN N Y SELECT TAX FREE INC SH BEN INT
NXP	NUVEEN SELECT TAX-FREE INCOME SH BEN INT
NXPI	NXP SEMICONDUCTORS N V COM
NXQ	NUVEEN SELECT TAX FREE INCOME SH BEN INT
NXR	NUVEEN SELECT TAX FREE INCOME SH BEN INT
NXRT	NEXPOINT RESIDENTIAL TR INC COM

NXST	NEXSTAR MEDIA GROUP INC CL A
NXTC	NEXTCURE INC COM
NXTD	NXT-ID INC COM NEW
NXTG	FIRST TR EXCHANGE TRADED FD II INDXX NEXTG ETF
NYCB	NEW YORK CMNTY BANCORP INC COM
NYCB-A	NEW YORK CMNTY BANCORP INC DEP SHS REPSTG A
NYCB-U	NEW YORK CMNTY CAP TR V BONUSES UNIT
NYF	ISHARES TR NEW YORK MUN ETF
NYMT	NEW YORK MTG TR INC COM PAR \$.02
NYMTM	NEW YORK MTG TR INC 7.875 PFD CL E
NYMTN	NEW YORK MTG TR INC 8% RED PFD D
NYMTO	NEW YORK MTG TR INC PFD-C CONV
NYMTP	NEW YORK MTG TR INC RED PFD B 7.75%
NYMX	NYMOX PHARMACEUTICAL CORP COM
NYT	NEW YORK TIMES CO CL A
NYV	NUVEEN NEW YORK MUN VALUE FD 2 COM
NZF	NUVEEN MUNICIPAL CREDIT INC FD COM SH BEN INT
O	REALTY INCOME CORP COM
OAC	OAKTREE ACQUISITION CORP SHS CL A
OAC+	OAKTREE ACQUISITION CORP WT EXP
OAC=	OAKTREE ACQUISITION CORP UNITS EX
OAK-A	OAKTREE CAP GROUP LLC 6.625% PFD UT A
OAK-B	OAKTREE CAP GROUP LLC 6.550 PFD UNT B
OAS	OASIS PETROLEUM INC COM
OBAS	OPTIBASE LTD SHS NEW NIS0.13
OBCI	OCEAN BIO CHEM INC COM
OBLG	OBLONG INC COM
OBLN	OBALON THERAPEUTICS INC COM NEW
OBNK	ORIGIN BANCORP INC COM
OBOR	KRANESHARES TR MSCI ONE BELT
OBSV	OBSEVA SA COM
OC	OWENS CORNING NEW COM
OCC	OPTICAL CABLE CORP COM NEW
OCCI	OFS CREDIT COMPANY INC COM

OCCIP	OFS CREDIT COMPANY INC 6.875% PFD A
OCFC	OCEANFIRST FINL CORP COM
OCFCP	OCEANFIRST FINL CORP 7% DP SHS PFD A
OCFT	ONECONNECT FINL TECHNOLOGY CO SPONSORED ADS
OCGN	OCUGEN INC COM
OCIO	ETF SER SOLUTIONS CLEARSHS OCIO
OCN	OCWEN FINL CORP COM NEW
OCSI	OAKTREE STRATEGIC INCOME CORP COM
OCSL	OAKTREE SPECIALTY LENDING CORP COM
OCUL	OCULAR THERAPEUTIX INC COM
OCX	ONCOCYTE CORP COM
ODC	OIL DRI CORP AMER COM
ODFL	OLD DOMINION FREIGHT LINE INC COM
ODP	OFFICE DEPOT INC COM
ODT	ODONATE THERAPEUTICS INC COM
OEC	ORION ENGINEERED CARBONS S A COM
OEF	ISHARES TR S&P 100 ETF
OEG	ORBITAL ENERGY GROUP INC COM
OESX	ORION ENERGY SYSTEMS INC COM
OEUR	OSI ETF TR OSHARES EUR QLT
OFC	CORPORATE OFFICE PPTYS TR SH BEN INT
OFED	OCONEE FED FINL CORP COM
OFG	OFG BANCORP COM
OFG-A	OFG BANCORP PFD A 7.125%
OFG-B	OFG BANCORP 7% SER B PFD
OFG-D	OFG BANCORP PERP PFD-D
OFIX	ORTHOFIX MED INC COM
OFLX	OMEGA FLEX INC COM
OFS	OFS CAP CORP COM
OFSSI	OFS CAP CORP 5.95% NT 2026
OFSSL	OFS CAP CORP 6.375% NT 25
OFSSZ	OFS CAP CORP 6.50% NT 25
OGCP	EMPIRE ST RLTY OP L P UNIT LTD PRT 60
OGE	OGE ENERGY CORP COM

OGEN	ORAGENICS INC COM PAR
OGI	ORGANIGRAM HLDGS INC COM
OGIG	OSI ETF TR OSHS GBL INTER
OGS	ONE GAS INC COM
OHI	OMEGA HEALTHCARE INVS INC COM
OI	O-I GLASS INC COM
OIA	INVESCO MUNI INCOME OPP TRST COM
OIBR.C	OI SA SPONSORED ADR NE
OIH	VANECK VECTORS ETF TR OIL SVCS ETF
OII	OCEANEERING INTL INC COM
OIIM	O2MICRO INTERNATIONAL LTD SPONS ADR
OIS	OIL STS INTL INC COM
OKE	ONEOK INC NEW COM
OKTA	OKTA INC CL A
OLD	JANUS DETROIT STR TR LONG TERM CARE
OLED	UNIVERSAL DISPLAY CORP COM
OLEM	BARCLAYS BANK PLC IPTH CRUDE OIL
OLLI	OLLIES BARGAIN OUTLET HLDGS IN COM
OLN	OLIN CORP COM PAR \$1
OLP	ONE LIBERTY PPTYS INC COM
OMAB	GRUPO AEROPORTUARIO DEL CENTRO SPON ADR
OMC	OMNICOM GROUP INC COM
OMCL	OMNICELL INC COM
OMER	OMEROS CORP COM
OMEX	ODYSSEY MARINE EXPLORATION INC COM NEW
OMF	ONEMAIN HLDGS INC COM
OMI	OWENS & MINOR INC NEW COM
OMP	OASIS MIDSTREAM PARTNERS LP COM UNITS REPS
ON	ON SEMICONDUCTOR CORP COM
ONB	OLD NATL BANCORP IND COM
ONCS	ONCOSEC MED INC COM
ONCT	ONCTERNAL THERAPEUTICS INC COM
ONCY	ONCOLYTICS BIOTECH INC COM NEW
ONDK	ON DECK CAP INC COM

ONE	ONESMART INTL ED GROUP LTD SPONSORED ADS
ONEM	1LIFE HEALTHCARE INC COM
ONEO	SPDR SER TR RUSSELL MOMENTUM
ONEQ	FIDELITY COMWLTH TR NDQ CP IDX TRK
ONEV	SPDR SER TR RUSSELL LOW VOL
ONEW	ONEWATER MARINE INC CL A COM
ONEY	SPDR SER TR RUSSELL YIELD
ONLN	PROSHARES TR ONLINE RTL ETF
ONTO	ONTO INNOVATION INC COM
ONTX	ONCONOVA THERAPEUTICS INC COM PAR
ONTXW	ONCONOVA THERAPEUTICS INC WT EXP 071121
ONVO	ORGANOVO HLDGS INC COM
OOMA	OOMA INC COM
OPBK	OP BANCORP COM
OPCH	OPTION CARE HEALTH INC COM NEW
OPER	ETF SER SOLUTIONS CLEARSHS ULTRA
OPES	OPES ACQUISITION CORP COM
OPESU	OPES ACQUISITION CORP UNIT EX 030723
OPESW	OPES ACQUISITION CORP WT EXP 031323
OPGN	OPGEN INC COM
OPHC	OPTIMUMBANK HOLDINGS INC COM
OPI	OFFICE PPTYS INCOME TR COM SHS BEN INT
OPINI	OFFICE PPTYS INCOME TR 5.875% SR NT 46
OPK	OPKO HEALTH INC COM
OPNT	OPIANT PHARMACEUTICALS INC COM
OPOF	OLD POINT FINL CORP COM
OPP	RIVERNORTH / DOUBLELINE STRATE COM
OPRA	OPERA LTD SPONSORED ADS
OPRT	OPORTUN FINL CORP COM
OPRX	OPTIMIZERX CORP COM NEW
OPTN	OPTINOSE INC COM
OPTT	OCEAN PWR TECHNOLOGIES INC COM NEW
OPY	OPPENHEIMER HLDGS INC CL A NON VTG
OR	OSISKO GOLD ROYALTIES LTD COM

ORA	ORMAT TECHNOLOGIES INC COM
ORAN	ORANGE SPONSORED ADR
ORBC	ORBCOMM INC COM
ORC	ORCHID IS CAP INC COM
ORCC	OWL ROCK CAPITAL CORPORATION COM
ORCL	ORACLE CORP COM
ORGO	ORGANOGENESIS HLDGS INC COM
ORGS	ORGENESIS INC COM NEW
ORI	OLD REP INTL CORP COM
ORIC	ORIC PHARMACEUTICALS INC COM
ORLY	OREILLY AUTOMOTIVE INC COM
ORMP	ORAMED PHARM INC COM NEW
ORN	ORION GROUP HOLDINGS INC COM
ORRF	ORRSTOWN FINL SVCS INC COM
ORSN	ORISUN ACQUISITION CORP COM
ORSNR	ORISUN ACQUISITION CORP RT
ORSNU	ORISUN ACQUISITION CORP UNIT
ORSNW	ORISUN ACQUISITION CORP WT EXP 053124
ORTX	ORCHARD THERAPEUTICS PLC ADS
OSB	NORBORD INC COM NEW
OSBC	OLD SECOND BANCORP INC ILL COM
OSCV	ETF SER SOLUTIONS OPUS SML CP VL
OSG	OVERSEAS SHIPHOLDING GROUP INC CL A NEW
OSIS	OSI SYSTEMS INC COM
OSK	OSHKOSH CORP COM
OSMT	OSMOTICA PHARMACEUTICALS PLC SHS
OSN	OSSEN INNOVATION CO LTD SPONSORED ADR NE
OSPN	ONESPAN INC COM
OSS	ONE STOP SYS INC COM
OSTK	OVERSTOCK COM INC DEL COM
OSUR	ORASURE TECHNOLOGIES INC COM
OSW	ONESPANWORLD HOLDINGS LIMITED COM
OTEL	OTELCO INC CL A NEW
OTEX	OPEN TEXT CORP COM

OTIC	OTONOMY INC COM
OTIS	OTIS WORLDWIDE CORP COM
OTLK	OUTLOOK THERAPEUTICS INC COM NEW
OTLKW	OUTLOOK THERAPEUTICS INC WT EXP A 021822
OTTR	OTTER TAIL CORP COM
OTTW	OTTAWA BANCORP INC COM
OUNZ	VANECK MERK GOLD TRUST GOLD TRUST
OUSA	OSI ETF TR OSHARES US QUALT
OUSM	OSI ETF TR OSHARES US SMLCP
OUT	OUTFRONT MEDIA INC COM
OVB	LISTED FD TR SHARES CORE BD
OVBC	OHIO VY BANC CORP COM
OVF	LISTED FD TR SHARES FOREIGN
OVID	OVID THERAPEUTICS INC COM
OVL	LISTED FD TR SHARES LAG CAP
OVLY	OAK VALLEY BANCORP OAKDALE CAL COM
OVM	LISTED FD TR SHARES MUNI DB
OVS	LISTED FD TR SHARES SML CAP
OVV	OVINTIV INC COM
OXBR	OXBRIDGE RE HLDGS LTD SHS
OXBRW	OXBRIDGE RE HLDGS LTD WT EXP 032624
OXFD	OXFORD IMMUNOTEC GLOBAL PLC ORD SHS
OXLC	OXFORD LANE CAP CORP COM
OXLCM	OXFORD LANE CAP CORP 6.75% PF TRM 24
OXLCO	OXFORD LANE CAP CORP PFD SHS SER 2023
OXLCP	OXFORD LANE CAP CORP 6.25% NT 27
OXM	OXFORD INDS INC COM
OXSQ	OXFORD SQUARE CAP CORP COM
OXSQ L	OXFORD SQUARE CAP CORP 6.50% NT 24
OXSQZ	OXFORD SQUARE CAP CORP CAL NT 26
OXY	OCCIDENTAL PETE CORP COM
OYST	OYSTER PT PHARMA INC COM
OZK	BANK OZK COM
PAA	PLAINS ALL AMERN PIPELINE L P UNIT LTD PARTN

PAAS	PAN AMERN SILVER CORP COM
PAC	GRUPO AEROPUERTO DEL PACIFICO SPON ADR B
PACA	DBX ETF TR XTRACKRS MSCI
PACB	PACIFIC BIOSCIENCES CALIF INC COM
PACD	PACIFIC DRILLING SA LUXEMBOURG COM
PACK	RANPAK HLDGS CORP COM CL A
PACK+	RANPAK HLDGS CORP WT EXP 060324
PACQ	PURE ACQUISITION CORP CL A
PACQU	PURE ACQUISITION CORP UNIT EXP 041323
PACQW	PURE ACQUISITION CORP WT EXP 041723
PACW	PACWEST BANCORP DEL COM
PAE	PAE INC COM CL A
PAEWW	PAE INC WT EXP 091123
PAG	PENSKE AUTOMOTIVE GRP INC COM
PAGP	PLAINS GP HLDGS L P LTD PARTNR INT A
PAGS	PAGSEGURO DIGITAL LTD COM CL A
PAHC	PHIBRO ANIMAL HEALTH CORP CL A COM
PAI	WESTERN ASSET INVESTMENT GRADE COM
PAK	GLOBAL X FDS MSCI PAKISTAN
PALL	ABERDEEN STD PALLADIUM ETF TR PHYSCL PALLADM
PAM	PAMPA ENERGIA S A SPONS ADR LVL I
PANL	PANGAEA LOGISTICS SOLUTION LTD SHS
PANW	PALO ALTO NETWORKS INC COM
PAR	PAR TECHNOLOGY CORP COM
PARR	PAR PACIFIC HOLDINGS INC COM NEW
PASG	PASSAGE BIO INC COM
PASS	DIREXION SHS ETF TR DLY CNSMR DIS
PATI	PATRIOT TRANSN HLDG INC COM
PATK	PATRICK INDS INC COM
PAVM	PAVMED INC COM
PAVMW	PAVMED INC WT EXP 012922
PAVMZ	PAVMED INC WT Z EXP 043024
PAYC	PAYCOM SOFTWARE INC COM
PAYS	PAYSIGN INC COM

PAYX	PAYCHEX INC COM
PB	PROSPERITY BANCSHARES INC COM
PBA	PEMBINA PIPELINE CORP COM
PBB	PROSPECT CAP CORP 6.25% NTS 2024
PBC	PROSPECT CAP CORP 6.875 NTS DUE 29
PBCT	PEOPLES UNITED FINANCIAL INC COM
PBCTP	PEOPLES UNITED FINANCIAL INC PERP PFD SER A
PBD	INVESCO EXCHANGE-TRADED FD TR GBL CLEAN ENRG
PBE	INVESCO EXCHANGE TRADED FD TR DYNMC BIOTECH
PBF	PBF ENERGY INC CL A
PBFS	PIONEER BANCORP INC COM
PBFX	PBF LOGISTICS LP UNIT LTD PTNR
PBH	PRESTIGE CONSMR HEALTHCARE INC COM
PBHC	PATHFINDER BANCORP INC MD COM
PBI	PITNEY BOWES INC COM
PBI-B	PITNEY BOWES INC NT 43
PBIP	PRUDENTIAL BANCORP INC NEW COM
PBJ	INVESCO EXCHANGE TRADED FD TR DYNMC FOOD BEV
PBP	INVESCO EXCHANGE TRADED FD TR S&P500 BUY WRT
PBPB	POTBELLY CORP COM
PBR	PETROLEO BRASILEIRO SA PETROBR SPONSORED ADR
PBR.A	PETROLEO BRASILEIRO SA PETROBR SP ADR NON VTG
PBS	INVESCO EXCHANGE TRADED FD TR DYNMC MEDIA
PBT	PERMIAN BASIN RTY TR UNIT BEN INT
PBTS	POWERBRIDGE TECHNOLOGIES CO LTD ORD SHS
PBW	INVESCO EXCHANGE TRADED FD TR WILDERHIL CLAN
PBY	PROSPECT CAP CORP 6.25% NT 28
PBYI	PUMA BIOTECHNOLOGY INC COM
PCAR	PACCAR INC COM
PCB	PCB BANCORP COM
PCEF	INVESCO EXCH TRADED FD TR II CEF INM COMPSI
PCF	HIGH INCOME SECS FD SHS BEN INT
PCG	PG&E CORP COM
PCG-A	PACIFIC GAS & ELEC CO PFD 1ST 6%

PCG-B	PACIFIC GAS & ELEC CO PFD 1ST 5.50%
PCG-C	PACIFIC GAS & ELEC CO PFD 1ST 5%
PCG-D	PACIFIC GAS & ELEC CO PFD 1ST 5%
PCG-E	PACIFIC GAS & ELEC CO PFD 1 SER A 5%
PCG-G	PACIFIC GAS & ELEC CO PFD 1ST 4.80%
PCG-H	PACIFIC GAS & ELEC CO PFD 1ST 4.50%
PCG-I	PACIFIC GAS & ELEC CO PFD 1ST 4.36%
PCH	POTLATCHDELTIC CORPORATION COM
PCI	PIMCO DYNAMIC CR INCOME FD COM SHS
PCK	PIMCO CALIF MUN INCOME FD II COM
PCM	PCM FD INC COM
PCN	PIMCO CORPORATE & INCOME STRAT COM
PCOM	POINTS INTL LTD COM NEW
PCPL	CC NEUBERGER PRINCIPAL HLDNG I COM
PCPL+	CC NEUBERGER PRINCIPAL HLDNG I WT EXP
PCPL=	CC NEUBERGER PRINCIPAL HLDNG I UNIT
PCQ	PIMCO CA MUNICIPAL INCOME FD COM
PCRX	PACIRA BIOSCIENCES COM
PCSB	PCSB FINL CORP COM
PCTI	PCTEL INC COM
PCTY	PAYLOCITY HLDG CORP COM
PCVX	VAXCYTE INC COM
PCY	INVESCO EXCH TRADED FD TR II EMRNG MKT SVRG
PCYG	PARK CITY GROUP INC COM NEW
PCYO	PURECYCLE CORP COM NEW
PD	PAGERDUTY INC COM
PDBC	INVESCO ACTIVLY MANGD ETC FD T OPTIMUM YIELD
PDCE	PDC ENERGY INC COM
PDCO	PATTERSON COS INC COM
PDD	PINDUODUO INC SPONSORED ADS
PDEV	PRINCIPAL EXCHANGE-TRADED FDS INTL INDEX ETF
PDEX	PRO-DEX INC COLO COM NEW
PDFS	PDF SOLUTIONS INC COM
PDI	PIMCO DYNAMIC INCOME FD SHS

PDLB	PDL CMNTY BANCORP COM
PDLI	PDL BIOPHARMA INC COM
PDM	PIEDMONT OFFICE REALTY TR INC COM CL A
PDN	INVESCO EXCH TRADED FD TR II FTSE RAFI SML
PDP	INVESCO EXCHANGE TRADED FD TR DWA MOMENTUM
PDS	PRECISION DRILLING CORP COM 2010
PDSB	PDS BIOTECHNOLOGY CORP COM
PDT	HANCOCK JOHN PREM DIVID FD COM SH BEN INT
PE	PARSLEY ENERGY INC CL A
PEAK	HEALTHPEAK PROPERTIES INC COM
PEB	PEBBLEBROOK HOTEL TR COM
PEB-C	PEBBLEBROOK HOTEL TR PFD SER C 6.50%
PEB-D	PEBBLEBROOK HOTEL TR PFD SHS SER D
PEB-E	PEBBLEBROOK HOTEL TR 6.375 PFD SER E
PEB-F	PEBBLEBROOK HOTEL TR 6.3 CUM PFD SR F
PEBK	PEOPLES BANCORP N C INC COM
PEBO	PEOPLES BANCORP INC COM
PECK	PECK CO HLDGS INC COM NEW
PED	PEDEVCO CORP COM PAR
PEG	PUBLIC SVC ENTERPRISE GRP INC COM
PEGA	PEGASYSTEMS INC COM
PEI	PENNSYLVANIA RL ESTATE INVT TR SH BEN INT
PEI-B	PENNSYLVANIA RL ESTATE INVT TR CUM RED PERP PFD
PEI-C	PENNSYLVANIA RL ESTATE INVT TR RED PFD SER C
PEI-D	PENNSYLVANIA RL ESTATE INVT TR 6.875% RED PFD D
PEIX	PACIFIC ETHANOL INC COM
PEJ	INVESCO EXCHANGE TRADED FD TR DYNMC LEISURE
PEN	PENUMBRA INC COM
PENN	PENN NATL GAMING INC COM
PEO	ADAM NAT RES FD INC COM
PEP	PEPSICO INC COM
PER	SANDRIDGE PERMIAN TR COM UNIT BEN INT
PERI	PERION NETWORK LTD SHS NEW
PESI	PERMA-FIX ENVIRONMENTAL SVCS COM NEW

PETQ	PETIQ INC COM CL A
PETS	PETMED EXPRESS INC COM
PETZ	TDH HLDGS INC SHS
PEXL	PACER FDS TR US EXPORT LEAD
PEY	INVESCO EXCHANGE TRADED FD TR HIG YLD EQ DIV
PEZ	INVESCO EXCHANGE TRADED FD TR DWA CYCLICALS
PFBC	PREFERRED BK LOS ANGELES CA COM NEW
PFBI	PREMIER FINL BANCORP INC COM
PFD	FLAHERTY & CRUMRIN PFD & INM F COM
PFE	PFIZER INC COM
PFF	ISHARES TR PFD AND INCM SEC
PFFA	ETFIS SER TR I VIRTUS INFRCAP
PFFD	GLOBAL X FDS US PFD ETF
PFFL	UBS AG LONDON BRANCH ETRACS 2XM ETN
PFFR	ETFIS SER TR I INFRACP REIT PFD
PFG	PRINCIPAL FINANCIAL GROUP INC COM
PFGC	PERFORMANCE FOOD GROUP CO COM
PFHD	PROFESSIONAL HLDG CORP CL A COM
PFI	INVESCO EXCHANGE TRADED FD TR DWA FINL MUMT
PFIE	PROFIRE ENERGY INC COM
PFIG	INVESCO EXCH TRADED FD TR II FNDMNTL IG CRP
PFIN	P & F INDS INC CL A NEW
PFIS	PEOPLES FINL SVCS CORP COM
PFL	PIMCO INCOME STRATEGY FD COM
PFLD	ETF SER SOLUTIONS AAM LW DUR PFD
PFLT	PENNANTPARK FLOATING RATE CAP COM
PFM	INVESCO EXCHANGE TRADED FD TR DIVID ACHIEVEV
PFMT	PERFORMANT FINL CORP COM
PFN	PIMCO INCOME STRATEGY FD II COM
PFNX	PFENEX INC COM
PFO	FLAHERTY & CRUMRIN PFD & INM O COM
PFPT	PROOFPOINT INC COM
PFS	PROVIDENT FINL SVCS INC COM
PFSI	PENNYMAC FINL SVCS INC NEW COM

PFSW	PFSWEB INC COM NEW
PFXF	VANECK VECTORS ETF TR PFD SECS EX FINL
PG	PROCTER AND GAMBLE CO COM
PGAL	GLOBAL X FDS GBL X MSCI PT ET
PGC	PEAPACK-GLADSTONE FINL CORP COM
PGEN	PRECIGEN INC COM
PGF	INVESCO EXCHANGE TRADED FD TR FINL PFD ETF
PGHY	INVESCO EXCH TRADED FD TR II GBL SRT TRM HY
PGJ	INVESCO EXCHANGE TRADED FD TR GLOBAL DRGN CN
PGM	BARCLAYS BK PLC IPATH B PLATINUM
PGNX	PROGENICS PHARMACEUTICALS INC COM
PGNY	PROGYNY INC COM
PGP	PIMCO GLOBAL STOCKSPLS INCM FD COM
PGR	PROGRESSIVE CORP OHIO COM
PGRE	PARAMOUNT GROUP INC COM
PGTI	PGT INNOVATIONS INC COM
PGX	INVESCO EXCH TRADED FD TR II PFD ETF
PGZ	PRINCIPAL REAL ESTATE INCOME SHS BEN INT
PH	PARKER HANNIFIN CORP COM
PHAS	PHASEBIO PHARMACEUTICALS INC COM
PHAT	PHATHOM PHARMACEUTICALS INC COM
PHB	INVESCO EXCH TRADED FD TR II FNDMNTL HY CRP
PHCF	PUHUI WEALTH INVT MGMT CO LTD SHS
PHD	PIONEER FLOATING RATE TR COM
PHDG	INVESCO ACTIVELY MANAGED ETF S&P500 DOWNSID
PHG	KONINKLIJKE PHILIPS N V NY REG SH NEW
PHGE	BIOMX INC COM
PHGE+	BIOMX INC WT EXP 101624
PHGE=	BIOMX INC UNIT EX 101624
PHI	PLDT INC SPONSORED ADR
PHIO	PHIO PHARMACEUTICALS CORP COM NEW
PHIOW	PHIO PHARMACEUTICALS CORP WT EXP 122121
PHK	PIMCO HIGH INCOME FD COM SHS
PHM	PULTE GROUP INC COM

PHO	INVESCO EXCHANGE TRADED FD TR WATER RES ETF
PHR	PHREESIA INC COM
PHT	PIONEER HIGH INCOME TR COM
PHUN	PHUNWARE INC COM
PHUNW	PHUNWARE INC WT EXP 122623
PHX	PANHANDLE OIL AND GAS INC CL A
PHYL	PGIM ETF TR ACTV HY BD ETF
PHYS	SPROTT PHYSICAL GOLD TR UNIT
PI	IMPINJ INC COM
PIC	PIVOTAL INVT CORP II COM CL A
PIC+	PIVOTAL INVT CORP II WT EXP 060125
PIC=	PIVOTAL INVT CORP II UNIT EX 060125
PICB	INVESCO EXCH TRADED FD TR II INTL CORP BD
PICO	PICO HLDGS INC COM NEW
PID	INVESCO EXCHANGE TRADED FD TR INTL DIVI ACHI
PIE	INVESCO EXCH TRADED FD TR II DWA EMERG MKTS
PIH	1347 PPTY INS HLDGS INC COM
PIHPP	1347 PPTY INS HLDGS INC 8% PFD SER A
PII	POLARIS INC COM
PILL	DIREXION SHS ETF TR DAILY PHARMA
PIM	PUTNAM MASTER INTER INCOME TR SH BEN INT
PIN	INVESCO INDIA EXCHG TRED FD TR INDIA ETF
PINC	PREMIER INC CL A
PINE	ALPINE INCOME PPTY TR INC COM
PING	PING IDENTITY HLDG CORP COM
PINS	PINTEREST INC CL A
PIO	INVESCO EXCH TRADED FD TR II GLOBAL WATER
PIPR	PIPER SANDLER COMPANIES COM
PIRS	PIERIS PHARMACEUTICALS INC COM
PIXY	SHIFTPIXY INC COM NEW
PIZ	INVESCO EXCH TRADED FD TR II DWA DEV MKTS
PJH	PRUDENTIAL FINL INC JR SUB NT 52
PJP	INVESCO EXCHANGE TRADED FD TR DYNMC PHRMCTLS
PJT	PJT PARTNERS INC COM CL A

PK	PARK HOTELS RESORTS INC COM
PKB	INVESCO EXCHANGE TRADED FD TR DYNMC BLDG CON
PKBK	PARKE BANCORP INC COM
PKE	PARK AEROSPACE CORP COM
PKG	PACKAGING CORP AMER COM
PKI	PERKINELMER INC COM
PKO	PIMCO INCOME OPPORTUNITY FD COM
PKOH	PARK OHIO HLDGS CORP COM
PKW	INVESCO EXCHANGE TRADED FD TR BUYBACK ACHIEV
PKX	POSCO SPONSORED ADR
PLAB	PHOTRONICS INC COM
PLAG	PLANET GREEN HLDGS CORP COM
PLAN	ANAPLAN INC COM
PLAT	WISDOMTREE TR MODRN TEC PLAT
PLAY	DAVE & BUSTERS ENTMT INC COM
PLBC	PLUMAS BANCORP COM
PLC	PRINCIPAL EXCHANGE-TRADED FDS US LRG CP ETF
PLCE	CHILDRENS PL INC COM
PLD	PROLOGIS INC. COM
PLG	PLATINUM GROUP METALS LTD COM
PLIN	CHINA XIANGTAI FOOD CO LTD SHS
PLL	PIEDMONT LITHIUM LTD SPONSORED ADS
PLM	POLYMET MNG CORP COM
PLMR	PALOMAR HLDGS INC COM
PLNT	PLANET FITNESS INC CL A
FLOW	DOUGLAS DYNAMICS INC COM
PLPC	PREFORMED LINE PRODS CO COM
PLRX	PLIANT THERAPEUTICS INC COM
PLSE	PULSE BIOSCIENCES INC COM
PLT	PLANTRONICS INC NEW COM
PLTM	GRANITESHARES PLATINUM TR SHS BEN INT
PLUG	PLUG POWER INC COM NEW
PLUS	EPLUS INC COM
PLW	INVESCO EXCH TRADED FD TR II 1 30 LADER TRE

PLX	PROTALIX BIOTHERAPEUTICS INC COM
PLXP	PLX PHARMA INC COM
PLXS	PLEXUS CORP COM
PLYA	PLAYA HOTELS & RESORTS NV SHS
PLYM	PLYMOUTH INDL REIT INC COM
PLYM-A	PLYMOUTH INDL REIT INC 7.50% PFD A
PM	PHILIP MORRIS INTL INC COM
PMBC	PACIFIC MERCANTILE BANCORP COM
PMD	PSYCHEMEDICS CORP COM NEW
PME	PINGTAN MARINE ENTERPRISE LTD SHS
PMF	PIMCO MUN INCOME FD COM
PML	PIMCO MUN INCOME FD II COM
PMM	PUTNAM MANAGED MUN INCOME TR COM
PMO	PUTNAM MUN OPPORTUNITIES TR SH BEN INT
PMOM	PRINCIPAL EXCHANGE-TRADED FDS SUSTINBLE MMNT
PMT	PENNYMAC MTG INVT TR COM
PMT-A	PENNYMAC MTG INVT TR PFD SER A
PMT-B	PENNYMAC MTG INVT TR CUM RED PFD B
PMX	PIMCO MUN INCOME FD III COM
PNBK	PATRIOT NATL BANCORP INC COM NEW
PNC	PNC FINL SVCS GROUP INC COM
PNC-P	PNC FINL SVCS GROUP INC DEPOSITARY SHS P
PNC-Q	PNC FINL SVCS GROUP INC DEP REPSTG 1/400
PNF	PIMCO NEW YORK MUN INCOME FD COM
PNFP	PINNACLE FINL PARTNERS INC COM
PNFPP	PINNACLE FINL PARTNERS INC 6.75 DP RP PFD B
PNI	PIMCO NEW YORK MUN FD II COM
PNM	PNM RES INC COM
PNNT	PENNANTPARK INVT CORP COM
PNNTG	PENNANTPARK INVT CORP 5.50% NT 2024
PNQI	INVESCO EXCHANGE TRADED FD TR NASDAQ INTERNT
PNR	PENTAIR PLC SHS
PNRG	PRIMEENERGY RESOURCES CORP COM
PNTG	PENNANT GROUP INC COM

PNW	PINNACLE WEST CAP CORP COM
POAI	PREDICTIVE ONCOLOGY INC COM NEW
PODD	INSULET CORP COM
POL	POLYONE CORP COM
POLA	POLAR PWR INC COM
POOL	POOL CORPORATION COM
POR	PORTLAND GEN ELEC CO COM NEW
POST	POST HLDGS INC COM
POTX	GLOBAL X FDS CANNABIS ETF
POWI	POWER INTEGRATIONS INC COM
POWL	POWELL INDS INC COM
PPA	INVESCO EXCHANGE TRADED FD TR AEROSPACE DEFN
PPBI	PACIFIC PREMIER BANCORP COM
PPC	PILGRIMS PRIDE CORP COM
PPD	PPD INC COM
PPDM	DIREXION SHS ETF TR PORTFLIOPLS DEV
PPEM	DIREXION SHS ETF TR PORTFLIOPLS EMG
PPG	PPG INDS INC COM
PPH	VANECK VECTORS ETF TR PHARMACEUTICAL
PPHI	POSITIVE PHYSICIANS HLDGS INC COM
PIIH	PERMA PIPE INTL HLDGS INC COM
PPL	PPL CORP COM
PPLC	DBX ETF TR PRTFIOPLS S&P500
PPLT	ABERDEEN STD PLATINUM ETF TR PHYSCL PLATM SHS
PPMC	DIREXION SHS ETF TR PORTFIOPLS S&PMD
PPR	VOYA PRIME RATE TR SH BEN INT
PPSC	DBX ETF TR PORTFIOPLS S&PSM
PPSI	PIONEER PWR SOLUTIONS INC COM NEW
PPT	PUTNAM PREMIER INCOME TR SH BEN INT
PPTY	ETF SER SOLUTIONS US DIVERSIFIED
PPX	PPL CAP FDG INC JR SUB NT-B 73
PQG	PQ GROUP HLDGS INC COM
PQIN	PGIM ETF TR QMA STRGC ALPH
PQLC	PGIM ETF TR QMA STRATEGIC

PQSG	PGIM ETF TR QMA STRGC GWTH
PQSV	PGIM ETF TR QMA STRGIC VAL
PRA	PROASSURANCE CORP COM
PRAA	PRA GROUP INC COM
PRAH	PRA HEALTH SCIENCES INC COM
PRCP	PERCEPTRON INC COM
PRDO	PERDOCEO ED CORP COM
PRE-F	PARTNERRE LTD REDPFD SHS SER F
PRE-G	PARTNERRE LTD PFD SER G 6.50%
PRE-H	PARTNERRE LTD PFD SER H 7.25%
PRE-I	PARTNERRE LTD PFD SER I 5.875%
PRF	INVESCO EXCHANGE TRADED FD TR FTSE RAFI 1000
PRFT	PERFICIENT INC COM
PRFZ	INVESCO EXCHANGE TRADED FD TR FTSE RAFI 1500
PRGO	PERRIGO CO PLC SHS
PRGS	PROGRESS SOFTWARE CORP COM
PRGX	PRGX GLOBAL INC COM NEW
PRH	PRUDENTIAL FINL INC JR SUB NT 53
PRI	PRIMERICA INC COM
PRIF-A	PRIORITY INCOME FUND INC 6.375% PFD SER A
PRIF-B	PRIORITY INCOME FUND INC 6.25% PFD B 23
PRIF-C	PRIORITY INCOME FUND INC 6.625 PFD C
PRIF-D	PRIORITY INCOME FUND INC 7% PFD SER D 29
PRIF-E	PRIORITY INCOME FUND INC 6.375 PFD E
PRIF-F	PRIORITY INCOME FUND INC 6.625 PFD SER F
PRIM	PRIMORIS SVCS CORP COM
PRK	PARK NATL CORP COM
PRLB	PROTO LABS INC COM
PRMW	PRIMO WATER CORPORATION COM
PRN	INVESCO EXCHANGE TRADED FD TR DWA INDLS MUMT
PRNB	PRINCIPIA BIOPHARMA INC COM
PRO	PROS HOLDINGS INC COM
PROF	PROFOUND MED CORP COM NEW
PROS	PROSIGHT GLOBAL INC COM

PROV	PROVIDENT FINL HLDGS INC COM
PRPH	PROPHASE LABS INC COM
PRPL	PURPLE INNOVATION INC COM
PRPO	PRECIPIO INC COM
PRQR	PROQR THRAPEUTICS N V SHS EURO
PRS	PRUDENTIAL FINL INC 5.625% JR SB NT
PRSC	PROVIDENCE SVC CORP COM
PRSP	PERSPECTA INC COM
PRT	PERMROCK ROYALTY TRUST TR UNIT
PRTA	PROTHENA CORP PLC SHS
PRTH	PRIORITY TECHNOLOGY HLDGS INC COM
PRTK	PARATEK PHARMACEUTICALS INC COM
PRTS	U.S. AUTO PARTS NETWORK INC COM
PRTY	PARTY CITY HOLDCO INC COM
PRU	PRUDENTIAL FINL INC COM
PRVB	PROVENTION BIO INC COM
PRVL	PREVAIL THERAPEUTICS INC COM
PS	PLURALSIGHT INC COM CL A
PSA	PUBLIC STORAGE COM
PSA-B	PUBLIC STORAGE DEP RPST PFD B
PSA-C	PUBLIC STORAGE DEP SHS PFD C
PSA-D	PUBLIC STORAGE DEP SHS PFD D
PSA-E	PUBLIC STORAGE PFD BEN INT E
PSA-F	PUBLIC STORAGE PFD SHS F 5.15%
PSA-G	PUBLIC STORAGE 5.05% CUM PFD G
PSA-H	PUBLIC STORAGE 5.60 DEPSHS RP H
PSA-I	PUBLIC STORAGE 4.875 DPRP PFD I
PSA-J	PUBLIC STORAGE 4.7% DP RP PFD J
PSA-K	PUBLIC STORAGE 4.75 DP PFD SH K
PSA-L	PUBLIC STORAGE 4.625 DEP PFD L
PSA-W	PUBLIC STORAGE DEPSH1/1000PFD W
PSA-X	PUBLIC STORAGE DEP 1/1000 PFD X
PSB	PS BUSINESS PKS INC CALIF COM
PSB-W	PS BUSINESS PKS INC CALIF DEP SHS RP PFD W

PSB-X	PS BUSINESS PKS INC CALIF DEP SHS RP PFD X
PSB-Y	PS BUSINESS PKS INC CALIF DEP SHS RP PFD Y
PSB-Z	PS BUSINESS PKS INC CALIF 4.875 DP PFD Z
PSC	PRINCIPAL EXCHANGE-TRADED FDS US SM MLT FC ETF
PSCC	INVESCO EXCH TRADED FD TR II S&P SMLCP STAP
PSCD	INVESCO EXCH TRADED FD TR II S&P SMLCP DISC
PSCE	INVESCO EXCH TRADED FD TR II S&P SMLCP ENGY
PSCF	INVESCO EXCH TRADED FD TR II S&P SMLCP FINL
PSCH	INVESCO EXCH TRADED FD TR II S&P SMLCP HELT
PSCI	INVESCO EXCH TRADED FD TR II S&P SMLCP INDL
PSCM	INVESCO EXCHANGE-TRADED FD TR S&P SMLCP MATL
PSCT	INVESCO EXCH TRADED FD TR II S&P SMLCP INFO
PSCU	INVESCO EXCHANGE-TRADED FD TR S&P SMLCP UTIL
PSEC	PROSPECT CAP CORP COM
PSET	PRINCIPAL EXCHANGE-TRADED FDS PRIN PRICE IDX
PSF	COHEN & STEERS SELECT PFD & IN COM
PSHG	PERFORMANCE SHIPPING INC COM
PSI	INVESCO EXCHANGE TRADED FD TR DYNMC SEMICNDT
PSJ	INVESCO EXCHANGE TRADED FD TR DYNMC SOFTWARE
PSK	SPDR SER TR WELLS FG PFD ETF
PSL	INVESCO EXCHANGE TRADED FD TR DWA STAPLES
PSLV	SPROTT PHYSICAL SILVER TR TR UNIT
PSM	PRINCIPAL EXCHANGE-TRADED FDS US SM CP ETF
PSMT	PRICESMART INC COM
PSN	PARSONS CORPORATION COM
PSNL	PERSONALIS INC COM
PSO	PEARSON PLC SPONSORED ADR
PSP	INVESCO EXCHANGE TRADED FD TR GBL LISTED PVT
PSQ	PROSHARES TR SHORT QQQ NEW
PSR	INVESCO ACTIVELY MANAGED ETF ACTIVE US REAL
PST	PROSHARES TR PSHS ULSHT 7-10Y
PSTG	PURE STORAGE INC CL A
PSTI	PLURISTEM THERAPEUTICS INC COM NEW
PSTL	POSTAL REALTY TRUST INC CL A

PSTV	PLUS THERAPEUTICS INC COM NEW
PSV	HERMITAGE OFFSHORE SERVICE LTD SHS
PSX	PHILLIPS 66 COM
PSXP	PHILLIPS 66 PARTNERS LP COM UNIT REP INT
PT	PINTEC TECHNOLOGY HLDGS LTD SPONSORED ADS
PTAC	PROPTECH ACQUISITION CORP COM CL A
PTACU	PROPTECH ACQUISITION CORP UNIT EX 100126
PTACW	PROPTECH ACQUISITION CORP WT EXP 052626
PTBD	PACER FDS TR TRENDPILOT US BD
PTC	PTC INC COM
PTCT	PTC THERAPEUTICS INC COM
PTE	POLARITYTE INC COM
PTEN	PATTERSON UTI ENERGY INC COM
PTF	INVESCO EXCHANGE TRADED FD TR DWA TECHNOLOGY
PTGX	PROTAGONIST THERAPEUTICS INC COM
PTH	INVESCO EXCHANGE TRADED FD TR DWA HEALTHCARE
PTI	PROTEOSTASIS THERAPEUTICS INC COM
PTIN	PACER FDS TR TRENDPILOT INTL
PTLA	PORTOLA PHARMACEUTICALS INC COM
PTMN	PORTMAN RIDGE FIN CORP COM
PTN	PALATIN TECHNOLOGIES INC COM PAR \$.01
PTNR	PARTNER COMMUNICATIONS CO LTD ADR
PTON	PELTON INTERACTIVE INC CL A COM
PTR	PETROCHINA CO LTD SPONSORED ADR
PTSI	P A M TRANSN SVCS INC COM
PTVCA	PROTECTIVE INS CORP CL A
PTVCB	PROTECTIVE INS CORP CL B
PTY	PIMCO CORPORATE & INCOME OPPOR COM
PUB	PEOPLES UTAH BANCORP COM
PUI	INVESCO EXCHANGE TRADED FD TR DWA UTILS MUMT
PUK	PRUDENTIAL PLC ADR
PUK-	PRUDENTIAL PLC 6.75% PERP SUB
PUK-A	PRUDENTIAL PLC PER SUB 6.50%
PULM	PULMATRIX INC COM NEW

PULS	PGIM ETF TR ULTRA SHORT
PUMP	PROPETRO HLDG CORP COM
PUTW	WISDOMTREE TR CBOE S&P 500
PUYI	PUYI INC ADS
PVAC	PENN VA CORP COM
PVAL	PRINCIPAL EXCHANGE-TRADED FDS CONTRARIAN VLU
PVBC	PROVIDENT BANCORP INC COM NEW
PVG	PRETIUM RES INC COM
PVH	PVH CORPORATION COM
PVI	INVESCO EXCHANGE-TRADED FD TR VRDO TAX FREE
PVL	PERMIANVILLE RTY TR TR UNIT
PW	POWER REIT COM
PW-A	POWER REIT PFD SER A 7.75%
PWB	INVESCO EXCHANGE TRADED FD TR DYNMC LRG GWTH
PWC	INVESCO EXCHANGE TRADED FD TR DYNMC MKT ETF
PWFL	POWERFLEET INC COM
PWOD	PENNS WOODS BANCORP INC COM
PWR	QUANTA SVCS INC COM
PWV	INVESCO EXCHANGE TRADED FD TR DYNMC LRG VALU
PWZ	INVESCO EXCH TRADED FD TR II CALIF AMT MUN
PXD	PIONEER NAT RES CO COM
PXE	INVESCO EXCHANGE TRADED FD TR DYNMC ENRG EXP
PXF	INVESCO EXCH TRADED FD TR II FTSE RAFI DEV
PXH	INVESCO EXCH TRADED FD TR II FTSE RAFI EMNG
PXI	INVESCO EXCHANGE TRADED FD TR DWA ENERGY MNT
PXJ	INVESCO EXCHANGE TRADED FD TR DYNMC OIL GAS
PXLW	PIXELWORKS INC COM NEW
PXQ	INVESCO EXCHANGE TRADED FD TR DYNMC NETWRNG
PXS	PYXIS TANKERS INC COM
PY	PRINCIPAL EXCHANGE-TRADED FDS PRIN SHRHLDR
PYN	PIMCO NEW YORK MUN INCOME FD I COM
PYPE	UBS AG LONDON BRANCH ETRACS NYSE
PYPL	PAYPAL HLDGS INC COM
PYS	PPLUS TR RRD-1 CTF CL A

PYT	PPLUS TR GSC 2 CT FL RT
PYZ	INVESCO EXCHANGE TRADED FD TR DWA BASIC MATL
PZA	INVESCO EXCH TRADED FD TR II NATL AMT MUNI
PZC	PIMCO CALIF MUN INCOME FD III COM
PZD	INVESCO EXCHANGE TRADED FD TR CLEANTECH ETF
PZG	PARAMOUNT GOLD NEV CORP COM
PZN	PZENA INVESTMENT MGMT INC CLASS A
PZT	INVESCO EXCH TRADED FD TR II NY AMT FRE MUN
PZZA	PAPA JOHNS INTL INC COM
QABA	FIRST TR NASDAQ ABA CMNTY BK I UT COM SHS ETF
QADA	QAD INC CL A
QADB	QAD INC CL B
QAI	INDEXIQ ETF TR HEDGE MLTI ETF
QARP	DBX ETF TR XTRCKR RUSL 1000
QAT	ISHARES TR MSCI QATAR ETF
QCLN	FIRST TR EXCHANGE-TRADED FD NAS CLNEDG GREEN
QCOM	QUALCOMM INC COM
QCRH	QCR HOLDINGS INC COM
QD	QUDIAN INC ADR
QDEF	FLEXSHARES TR QLT DIV DEF IDX
QDEL	QUIDEL CORP COM
QDF	FLEXSHARES TR QUALT DIVD IDX
QDIV	GLOBAL X FDS S&P 500 QLT ETF
QDYN	FLEXSHARES TR QLT DIVDYN IDX
QED	INDEXIQ ETF TR HDG EVE DRIV
QEFA	SPDR INDEX SHS FDS MSCI EAFE STRTGC
QEMM	SPDR INDEX SHS FDS MSCI EMRG MKTS
QEP	QEP RESOURCES INC COM
QES	QUINTANA ENERGY SVCS INC COM
QFIN	360 FINANCE INC ADS
QGEN	QIAGEN NV SHS NEW
QGRO	AMERICAN CENTY ETF TR STOXX US QLTY
QGTA	INDEXIQ ETF TR IQ LEADERS GTA
QID	PROSHARES TR ULTSHRT QQQ

QINT	AMERICAN CENTY ETF TR QUALITY DIVRSFED
QIWI	QIWI PLC SPON ADR REP B
QK	Q&K INTL GROUP LTD SPONSORED ADS
QLD	PROSHARES TR PSHS ULTRA QQQ
QLGN	QUALIGEN THERAPEUTICS INC COM
QLS	INDEXIQ ETF TR LNG SHT TRACK
QLTA	ISHARES TR A RATE CP BD ETF
QLV	FLEXSHARES TR US QT LW VLTY
QLVD	FLEXSHARES TR DEV MRK EX LOW
QLVE	FLEXSHARES TR EMRG MKT QT LW
QLYS	QUALYS INC COM
QMCO	QUANTUM CORP COM NEW
QMJ	DIREXION SHS ETF TR S&P 500 HI MIN
QMN	INDEXIQ ETF TR IQ HEDGMKT NUT
QNST	QUINSTREET INC COM
QQEW	FIRST TR NAS100 EQ WEIGHTED IX SHS
QQH	NORTHERN LTS FD TR III HCM DEFND 100
QQQ	INVESCO QQQ TR UNIT SER 1
QQQE	DIREXION SHS ETF TR NAS100 EQL WGT
QQQX	NUVEEN NASDAQ 100 DYNAMIC OVER COM SHS
QQXT	FIRST TR EXCHANGE-TRADED FD NASDAQ 100 EX
QRFT	EXCHANGE LISTED FDS TR QRAFT AI ENHCD
QRHC	QUEST RESOURCE HLDG CORP COM NEW
QRTEA	QURATE RETAIL INC COM SER A
QRTEB	QURATE RETAIL INC COM SER B
QRVO	QORVO INC COM
QSR	RESTAURANT BRANDS INTL INC COM
QSY	WISDOMTREE TR US QLT SHRHD YLD
QTEC	FIRST TRUST PORTFOLIOS LP SHS
QTNT	QUOTIENT LTD SHS
QTRX	QUANTERIX CORP COM
QTS	QTS RLTY TR INC COM CL A
QTS-A	QTS RLTY TR INC 7.12% CUM PFD A
QTS-B	QTS RLTY TR INC 6.50% CON PFD B

QTT	QUTOUTIAO INC ADS REP SHS A
QTUM	ETF SER SOLUTIONS DEFIANCE QUANT
QTWO	Q2 HLDGS INC COM
QUAD	QUAD / GRAPHICS INC COM CL A
QUIK	QUICKLOGIC CORP COM NEW
QUMU	QUMU CORP COM
QUOT	QUOTIENT TECHNOLOGY INC COM
QURE	UNIQUE NV SHS
QUS	SPDR SER TR MSCI USA STRTGIC
QVCC	QVC INC 6.250 SCRD NT 68
QVCD	QVC INC 6.375 SR NT 67
QVM	ARROW INVTS TR QVM EQT FACTOR
QWLD	SPDR INDEX SHS FDS MSCI WRLD STRGIC
QYLD	GLOBAL X FDS NASDAQ 100 COVER
R	RYDER SYS INC COM
RA	BROOKFIELD REAL ASSETS INCOME SHS BEN INT
RAAX	VANECK VECTORS ETF TR REAL ASSET ALC
RACE	FERRARI N V COM
RAD	RITE AID CORP COM
RADA	RADA ELECTR INDS LTD COM PAR NEW
RAFE	PIMCO EQUITY SER RAFI ESG US
RAIL	FREIGHTCAR AMER INC COM
RALS	PROSHARES TR RAFI LG SHT FD
RAMP	LIVERAMP HLDGS INC COM
RAND	RAND CAP CORP COM NEW
RAPT	RAPT THERAPEUTICS INC COM
RARE	ULTRAGENYX PHARMACEUTICAL INC COM
RAVE	RAVE RESTAURANT GROUP INC COM
RAVI	FLEXSHARES TR READY ACC VARI
RAVN	RAVEN INDS INC COM
RBA	RITCHIE BROS AUCTIONEERS COM
RBB	RBB BANCORP COM
RBBN	RIBBON COMMUNICATIONS INC COM
RBC	REGAL BELOIT CORP COM

RBCAA	REPUBLIC BANCORP INC KY CL A
RBCN	RUBICON TECHNOLOGY INC COM NEW
RBIN	ETF SER SOLUTIONS NATIONWIDE RSK
RBKB	RHINEBECK BANCORP INC COM
RBNC	RELIANT BANCORP INC COM
RBS	ROYAL BK SCOTLAND GROUP PLC SPONS ADR 2 ORD
RBUS	ETF SER SOLUTIONS NATIONWIDE ETF
RC	READY CAP CORP COM
RCA	READY CAP CORP 7% CN SR NT 2023
RCB	READY CAP CORP 6.2% SR NT 26
RCD	INVESCO EXCHANGE TRADED FD TR S&P500 EQL DIS
RCEL	AVITA MEDICAL LTD SPONSORED ADS
RCG	RENN FD INC COM
RCI	ROGERS COMMUNICATIONS INC CL B
RCII	RENT A CTR INC NEW COM
RCKT	ROCKET PHARMACEUTICALS INC COM
RCKY	ROCKY BRANDS INC COM
RCL	ROYAL CARIBBEAN CRUISES LTD COM
RCM	R1 RCM INC COM
RCMT	RCM TECHNOLOGIES INC COM NEW
RCON	RECON TECHNOLOGY LTD SHS NEW
RCP	READY CAP CORP 6.5% SR NT 21
RCS	PIMCO STRATEGIC INCOME FD COM
RCUS	ARCUS BIOSCIENCES INC COM
RDCM	RADCOM LTD SHS NEW
RDFN	REDFIN CORP COM
RDHL	REDHILL BIOPHARMA LTD SPONSORED ADS
RDI	READING INTERNATIONAL INC CL A
RDIB	READING INTERNATIONAL INC CL B
RDIV	INVESCO EXCHANGE-TRADED FD TR S&P ULTRA DIVIDE
RDN	RADIAN GROUP INC COM
RDNT	RADNET INC COM
RDOG	ALPS ETF TR REIT DIVIDE DOGS
RDS.A	ROYAL DUTCH SHELL PLC SPONS ADR A

RDS.B	ROYAL DUTCH SHELL PLC SPON ADR B
RDUS	RADIUS HEALTH INC COM NEW
RDVT	RED VIOLET INC COM
RDVY	FIRST TR EXCHANGE-TRADED FD VI RISNG DIVD ACHIV
RDWR	RADWARE LTD ORD
RDY	DR REDDYS LABS LTD ADR
RE	EVEREST RE GROUP LTD COM
REAL	THE REALREAL INC COM
RECS	COLUMBIA ETF TR I RESH ENHNC COR
REDU	RISE ED CAYMAN LTD SPONSORED ADR
REED	REEDS INC COM
REET	ISHARES TR GLOBAL REIT ETF
REFR	RESEARCH FRONTIERS INC COM
REG	REGENCY CTRS CORP COM
REGI	RENEWABLE ENERGY GROUP INC COM NEW
REGN	REGENERON PHARMACEUTICALS COM
REI	RING ENERGY INC COM
REK	PROSHARES TR SHRT RL EST FD
REKR	REKOR SYSTEMS INC COM
RELL	RICHARDSON ELECTRS LTD COM
RELV	RELIV INTL INC COM NEW
RELX	RELX PLC SPONSORED ADR
REML	CREDIT SUISSE NASSAU BRANCH XLNKS REIT ETN36
REMX	VANECK VECTORS ETF TR RARE EARTH STRAT
RENN	RENREN INC SPONSORED ADS
REPH	RECRO PHARMA INC COM
REPL	REPLIMUNE GROUP INC COM
RES	RPC INC COM
RESI	FRONT YD RESIDENTIAL CORP COM
RESN	RESONANT INC COM
RESP	WISDOMTREE TR US ESG FUND
RETA	REATA PHARMACEUTICALS INC CL A
RETL	DIREXION SHS ETF TR RETAIL BULL 3X
RETO	RETO ECO SOLUTIONS INC COM

REV	REVLON INC CL A NEW
REVG	REV GROUP INC COM
REVS	COLUMBIA ETF TR I RESH ENHNC VLU
REW	PROSHARES TR ULSHRT TECH NEW
REX	REX AMERICAN RESOURCES CORP COM
REXN	REXAHN PHARMACEUTICALS INC COM
REXR	REXFORD INDL RLTY INC COM
REXR-A	REXFORD INDL RLTY INC RED PFD SER A
REXR-B	REXFORD INDL RLTY INC 5.875% PFD SER B
REXR-C	REXFORD INDL RLTY INC 5.625 PFD SER C
REYN	REYNOLDS CONSUMER PRODS INC COM
REZ	ISHARES TR RESIDNL REAL EST
REZI	RESIDEO TECHNOLOGIES INC COM
RF	REGIONS FINANCIAL CORP NEW COM
RF-A	REGIONS FINANCIAL CORP NEW DEPSHS1/40PF A
RF-B	REGIONS FINANCIAL CORP NEW DEP SHS PFD B
RF-C	REGIONS FINANCIAL CORP NEW 5.7 DP RP PFD C
RFAP	FIRST TR EXCH TRADED FD III RIVRFRNT DY ASIA
RFCI	ALPS ETF TR RIVERFRONT DYM
RFDA	ALPS ETF TR RIVERFRNT DYMC
RFDI	FIRST TR EXCH TRADED FD III RIVRFRNT DYN DEV
RFEM	FIRST TR EXCH TRADED FD III RIVR FRNT DYN
RFEU	FIRST TR EXCH TRADED FD III RIVRFRNT DYN EUR
RFFC	ALPS ETF TR RIVERFRNT FLEX
RFG	INVESCO EXCHANGE TRADED FD TR S&P MDCP400 PR
RFI	COHEN & STEERS TOTAL RETURN FD COM
RFIL	RF INDS LTD COM PAR \$0.01
RFL	RAFAEL HLDGS INC COM CL B
RFM	RIVERNORTH FLEXIBLE MUN INCOME COM
RFP	RESOLUTE FST PRODS INC COM
RFUN	ALPS ETF TR RIVERFRONT UNC
RFV	INVESCO EXCHANGE TRADED FD TR S&P MDCP400 VL
RGA	REINSURANCE GRP OF AMERICA INC COM NEW
RGCO	RGC RES INC COM

RGEN	REPLIGEN CORP COM
RGI	INVESCO EXCHANGE TRADED FD TR S&P500 EQL IND
RGLD	ROYAL GOLD INC COM
RGLS	REGULUS THERAPEUTICS INC COM NEW
RGNX	REGENXBIO INC COM
RGP	RESOURCES CONNECTION INC COM
RGR	STURM RUGER & CO INC COM
RGS	REGIS CORP MINN COM
RGT	ROYCE GLOBAL VALUE TR INC COM
RH	RH COM
RHE	REGIONAL HEALTH PPTYS INC COM
RHE-A	REGIONAL HEALTH PPTYS INC 10.875% PFD A
RHI	ROBERT HALF INTL INC COM
RHP	RYMAN HOSPITALITY PPTYS INC COM
RHS	INVESCO EXCHANGE TRADED FD TR S&P500 EQL STP
RIBT	RICEBRAN TECHNOLOGIES COM NEW
RICK	RCI HOSPITALITY HLDGS INC COM
RIF	RMR REAL ESTATE INCOME FD COM
RIG	TRANSOCEAN LTD REG SHS
RIGL	RIGEL PHARMACEUTICALS INC COM NEW
RIGS	ALPS ETF TR RIVRFRNT STR INC
RILY	B. RILEY FINANCIAL INC COM
RILYG	B. RILEY FINANCIAL INC SR NT 7.25% 27
RILYH	B. RILEY FINANCIAL INC 7.375% SR NT 23
RILYI	B. RILEY FINANCIAL INC 6.875 NT 23
RILYM	B. RILEY FINANCIAL INC 6.375% RILYM 25
RILYN	B. RILEY FINANCIAL INC 6.50% SR NT 26
RILYO	B. RILEY FINANCIAL INC FXD NT
RILYP	B. RILEY FINANCIAL INC 6.875 DP SH PF A
RILYZ	B. RILEY FINANCIAL INC SR NT 27
RINF	PROSHARES TR INFLATN EXPECTNS
RING	ISHARES INC MSCI GBL GOLD MN
RIO	RIO TINTO PLC SPONSORED ADR
RIOT	RIOT BLOCKCHAIN INC COM

RISE	ETF MANAGERS GROUP COMMODITY T SIT RISING RTE
RIV	RIVERNORTH OPPORTUNITIES FD IN COM
RIVE	RIVERVIEW FINL CORP NEW COM
RJA	SWEDISH EXPT CR CORP ROG AGRI ETN22
RJF	RAYMOND JAMES FINL INC COM
RJI	SWEDISH EXPT CR CORP ROG TTL ETN 22
RJN	SWEDISH EXPT CR CORP RG ENRGY ETN22
RJZ	SWEDISH EXPT CR CORP RG METAL ETN22
RKDA	ARCADIA BIOSCIENCES INC COM NEW
RL	RALPH LAUREN CORP CL A
RLGT	RADIANT LOGISTICS INC COM
RLGY	REALOGY HLDGS CORP COM
RLH	RED LION HOTELS CORP COM
RLI	RLI CORP COM
RLJ	RLJ LODGING TR COM
RLJ-A	RLJ LODGING TR CUM CONV PFD A
RLMD	RELMADA THERAPEUTICS INC COM
RLY	SSGA ACTIVE ETF TR MULT ASS RLRTN
RM	REGIONAL MGMT CORP COM
RMAX	RE MAX HLDGS INC CL A
RMBI	RICHMOND MUT BANCORPORATION COM
RMBL	RUMBLEON INC COM CL B
RMBS	RAMBUS INC DEL COM
RMCF	ROCKY MTN CHOCOLATE FACTORY IN COM
RMD	RESMED INC COM
RMED	RA MED SYS INC COM
RMG	RMG ACQUISITION CORP CL A
RMG+	RMG ACQUISITION CORP WT EXP 022126
RMG=	RMG ACQUISITION CORP UNIT EX
RMI	RIVERNORTH OPPORTUNISTIC MUN COM
RMM	RIVERNORTH MANAGED DUR MUN INM COM
RMNI	RIMINI STR INC DEL COM
RMPL-	RIVERNORTH SPECIALTY FIN CORP 5.875% PFD A
RMR	RMR GROUP INC CL A

RMT	ROYCE MICRO-CAP TR INC COM
RMTI	ROCKWELL MED INC COM
RNA	AVIDITY BIOSCIENCES INC COM
RNDB	RANDOLPH BANCORP INC COM
RNDM	FIRST TR EXCHANGE-TRADED FD VI DEVELOPED INTL
RNDV	FIRST TR EXCHANGE-TRADED FD VI US EQTY DIVI
RNEM	FIRST TR EXCHANGE-TRADED FD VI EMERGING MKTS
RNET	RIGNET INC COM
RNG	RINGCENTRAL INC CL A
RNGR	RANGER ENERGY SVCS INC COM CL A
RNLC	FIRST TR EXCHANGE-TRADED FD VI LARGE CP US EQ
RNMC	FIRST TR EXCHANGE-TRADED FD VI MID CAP US EQT
RNP	COHEN & STEERS REIT & PFD &INM COM
RNR	RENAISSANCERE HOLDINGS LTD COM
RNR-E	RENAISSANCERE HLDGS LTD PEF SHS SER E
RNR-F	RENAISSANCERE HLDGS LTD 5.750% PFD F
RNSC	FIRST TR EXCHANGE-TRADED FD VI SMAL CP US EQT
RNST	RENASANT CORP COM
RNWK	REALNETWORKS INC COM NEW
ROAD	CONSTRUCTION PARTNERS INC COM CL A
ROAM	LATTICE STRATEGIES TR HARTFRD EMRG ETF
ROBO	EXCHANGE TRADED CONCEPTS TR ROBO GLB ETF
ROBT	FIRST TR EXCHANGE-TRADED FD VI NASDQ ARTFCIAL
ROCH	ROTH CH ACQUISITION I CO COM
ROCHU	ROTH CH ACQUISITION I CO UNIT EX 012825
ROCHW	ROTH CH ACQUISITION I CO WT EXP 012825
ROCK	GIBRALTAR INDS INC COM
RODM	LATTICE STRATEGIES TR HARTFORD MLT ETF
ROG	ROGERS CORP COM
ROIC	RETAIL OPPORTUNITY INVTS CORP COM
ROK	ROCKWELL AUTOMATION INC COM
ROKT	SPDR SER TR S&P KENSHO FINAL
ROKU	ROKU INC COM CL A
ROL	ROLLINS INC COM

ROLL	RBC BEARINGS INC COM
ROM	PROSHARES TR PSHS ULTRA TECH
ROOF	INDEXIQ ETF TR US RL EST SMCP
ROP	ROPER TECHNOLOGIES INC COM
RORE	LATTICE STRATEGIES TR HARTFRD REIT ETF
ROSC	LATTICE STRATEGIES TR HARTFORD MLT SML
ROSE	ROSEHILL RES INC CL A
ROSEU	ROSEHILL RES INC UT 1CL A & 1WT
ROSEW	ROSEHILL RES INC WT EXP 042722
ROST	ROSS STORES INC COM
ROUS	LATTICE STRATEGIES TR HARTFORD US EQTY
ROYT	PACIFIC COAST OIL TR UNIT BEN INT
RP	REALPAGE INC COM
RPAI	RETAIL PPTYS AMER INC CL A
RPAR	TIDAL ETF TR RPAR RISK PARI
RPAY	REPAY HLDGS CORP COM CL A
RPD	RAPID7 INC COM
RPG	INVESCO EXCHANGE TRADED FD TR S&P500 PUR GWT
RPLA	REPLAY ACQUISITION CORP COM
RPLA+	REPLAY ACQUISITION CORP WT EXP 030124
RPLA=	REPLAY ACQUISITION CORP UNIT
RPM	RPM INTL INC COM
RPRX	ROYALTY PHARMA PLC SHS CL A
RPT	RPT REALTY SH BEN INT
RPT-D	RPT REALTY 7.25 PFD D CONV
RPV	INVESCO EXCHANGE TRADED FD TR S&P500 PUR VAL
RQI	COHEN & STEERS QUALITY INCOME COM
RRBI	RED RIVER BANCSHARES INC COM
RRC	RANGE RES CORP COM
RRD	DONNELLEY R R & SONS CO COM
RRGB	RED ROBIN GOURMET BURGERS INC COM
RRR	RED ROCK RESORTS INC CL A
RS	RELIANCE STEEL & ALUMINUM CO COM
RSF	RIVERNORTH SPECIALTY FIN CORP COM

RSG	REPUBLIC SVCS INC COM
RSP	INVESCO EXCHANGE TRADED FD TR S&P500 EQL WGT
RSSS	RESEARCH SOLUTIONS INC COM
RST	ROSETTA STONE INC COM
RTH	VANECK VECTORS ETF TR RETAIL ETF
RTIX	RTI SURGICAL HOLDINGS INC COM
RTLK	RATTLER MIDSTREAM LP COM UNITS
RTM	INVESCO EXCHANGE TRADED FD TR S&P500 EQL MAT
RTRX	RETROPHIN INC COM
RTW	RTW RETAILWINDS INC COM
RTX	RAYTHEON TECHNOLOGIES CORP COM
RUBI	RUBICON PROJ INC COM
RUBY	RUBIUS THERAPEUTICS INC COM
RUHN	RUHNN HLDG LTD ADS
RUN	SUNRUN INC COM
RUSHA	RUSH ENTERPRISES INC CL A
RUSHB	RUSH ENTERPRISES INC CL B
RUSL	DBX ETF TR DLY RUSSIA BL 2X
RUTH	RUTHS HOSPITALITY GROUP INC COM
RVI	RETAIL VALUE INC COM
RVLV	REVOLVE GROUP INC CL A
RVMD	REVOLUTION MEDICINES INC COM
RVNC	REVANCE THERAPEUTICS INC COM
RVNU	DBX ETF TR XTRACK MUN INFRA
RVP	RETRACTABLE TECHNOLOGIES INC COM
RVSB	RIVERVIEW BANCORP INC COM
RVT	ROYCE VALUE TR INC COM
RWCD	DIREXION SHS ETF TR MSCI CYCLI OVR
RWDC	DIREXION SHS ETF TR MSCI DEF OVER
RWDE	DIREXION SHS ETF TR MSCI DEV OVER
RWED	DIREXION SHS ETF TR MSCI EMRG OVER
RWGV	DIREXION SHS ETF TR RUSELL1000 GWT
RWIU	DIREXION SHS ETF TR FTSE INTL OVER
RWJ	INVESCO EXCHANGE-TRADED FD TR S&P SMALLCAP 600

RWK	INVESCO EXCHANGE-TRADED FD TR S&P MDCP 400 REV
RWL	INVESCO EXCHANGE-TRADED FD TR S&P 500 REVENUE
RWLK	REWALK ROBOTICS LTD SHS
RWLS	DIREXION SHS ETF TR RUSLL LRG OVER
RWM	PROSHARES TR SHRT RUSSELL2000
RWO	SPDR INDEX SHS FDS DJ GLB RL ES ETF
RWR	SPDR SER TR DJ REIT ETF
RWSL	DIREXION SHS ETF TR RUSLL SML OVER
RWT	REDWOOD TR INC COM
RWUI	DIREXION SHS ETF TR FTSE US OVER
RWVG	DIREXION SHS ETF TR RUSSELL1000 VAL
RWX	SPDR INDEX SHS FDS DJ INTL RL ETF
RXD	PROSHARES TR ULTSHT HLTHCRE
RXI	ISHARES TR GLB CNS DISC ETF
RXL	PROSHARES TR PSHS ULT HLTHCRE
RXN	REXNORD CORP COM
RY	ROYAL BK CDA COM
RY-T	ROYAL BK OF CDA BD CDS DEP 1/40 6.75% C
RYAAY	RYANAIR HOLDINGS PLC SPONSORED ADS
RYAM	RAYONIER ADVANCED MATLS INC COM
RYB	RYB ED INC ADR
RYCE	AMIRA NATURE FOODS LTD SHS NEW
RYE	INVESCO EXCHANGE TRADED FD TR S&P500 EQL ENR
RYF	INVESCO EXCHANGE TRADED FD TR S&P500 EQL FIN
RYH	INVESCO EXCHANGE TRADED FD TR S&P500 EQL HLT
RYI	RYERSON HLDG CORP COM
RYJ	INVESCO EXCHANGE TRADED FD TR RYMND JMS SB 1
RYN	RAYONIER INC COM
RYT	INVESCO EXCHANGE TRADED FD TR S&P500 EQL TEC
RYTM	RHYTHM PHARMACEUTICALS INC COM
RYU	INVESCO EXCHANGE TRADED FD TR S&P500 EQL UTL
RZA	REINSURANCE GRP OF AMERICA INC SUB DEB 42
RZB	REINSURANCE GRP OF AMERICA INC SB DB FX/FL56
RZG	INVESCO EXCHANGE TRADED FD TR S&P SML600 GWT

RZV	INVESCO EXCHANGE TRADED FD TR S&P SML600 VAL
SA	SEABRIDGE GOLD INC COM
SAA	PROSHARES TR PSHS ULT SCAP600
SABR	SABRE CORP COM
SACC	SACHEM CAP CORP NT 24
SACH	SACHEM CAP CORP COM
SAF	SARATOGA INVT CORP 6.25% NT 25
SAFE	SAFEHOLD INC COM
SAFM	SANDERSON FARMS INC COM
SAFT	SAFETY INS GROUP INC COM
SAGE	SAGE THERAPEUTICS INC COM
SAH	SONIC AUTOMOTIVE INC CL A
SAIA	SAIA INC COM
SAIC	SCIENCE APPLICATIONS INTL CORP COM
SAIL	SAILPOINT TECHNLOGIES HLDGS INC COM
SAL	SALISBURY BANCORP INC COM
SALM	SALEM MEDIA GROUP INC CL A
SALT	SCORPIO BULKERS INC COM
SAM	BOSTON BEER INC CL A
SAMA	SCHULTZE SPL PURP ACQUSTN CORP COM
SAMAU	SCHULTZE SPL PURP ACQUSTN CORP UNIT EX 123123
SAMAW	SCHULTZE SPL PURP ACQUSTN CORP WT EXP 123123
SAMG	SILVERCREST ASSET MGMT GROUP I CL A
SAN	BANCO SANTANDER S.A. ADR
SAN-B	BANCO SANTANDER S A GTD PFD SECS 6
SAND	SANDSTORM GOLD LTD COM NEW
SANM	SANMINA CORPORATION COM
SANW	S&W SEED CO COM
SAP	SAP SE SPON ADR
SAQN	SOFTWARE ACQUISITION GROUP INC COM CL A
SAQNU	SOFTWARE ACQUISITION GROUP INC UNIT EXP 100126
SAQNW	SOFTWARE ACQUISITION GROUP INC WT EXP 100126
SAR	SARATOGA INVT CORP COM NEW
SASR	SANDY SPRING BANCORP INC COM

SATS	ECHOSTAR CORP CL A
SAVA	CASSAVA SCIENCES INC COM
SAVE	SPIRIT AIRLS INC COM
SB	SAFE BULKERS INC COM
SB-C	SAFE BULKERS INC RED PERP PFD C%
SB-D	SAFE BULKERS INC PERP PFD SER D
SBAC	SBA COMMUNICATIONS CORP NEW CL A
SBB	PROSHARES TR SHRT SMALLCAP60
SBBA	SCORPIO TANKERS INC 7.0% SR NT 25
SBBP	STRONGBRIDGE BIOPHARMA PLC SHS USD
SBBX	SB ONE BANCORP COM
SBCF	SEACOAST BKG CORP FLA COM NEW
SBE	SWITCHBACK ENERGY ACQUISTN CRP COM CL A
SBE+	SWITCHBACK ENERGY ACQUISTN CRP WT EXP 072526
SBE=	SWITCHBACK ENERGY ACQUISTN CRP UNITS EX
SBFG	SB FINL GROUP INC COM
SBGI	SINCLAIR BROADCAST GROUP INC CL A
SBH	SALLY BEAUTY HLDGS INC COM
SBI	WESTERN ASSET INTER MUNI FD IN COM
SBIO	ALPS ETF TR MED BREAKTHGH
SBLK	STAR BULK CARRIERS CORP. SHS PAR
SBLKZ	STAR BULK CARRIERS CORP. 8.30% SR NT 22
SBM	PROSHARES TR SHT BASIC MAT
SBNY	SIGNATURE BK NEW YORK N Y COM
SBOW	SILVERBOW RES INC COM
SBPH	SPRING BK PHARMACEUTICALS INC COM
SBR	SABINE ROYALTY TR UNIT BEN INT
SBRA	SABRA HEALTH CARE REIT INC COM
SBS	COMPANHIA DE SANEAMENTO BASICO SPONSORED ADR
SBSI	SOUTHSIDE BANCSHARES INC COM
SBSW	SIBANYE STILLWATER LTD SPONSORED ADR
SBT	STERLING BANCORP INC COM
SBUG	BARCLAYS BANK PLC IPATH SLVR ETN A
SBUX	STARBUCKS CORP COM

SC	SANTANDER CONSUMER USA HDG INC COM
SCA	STELLUS CAP INVT CORP 5.75% NT 2022
SCC	PROSHARES TR ULTSHT CONS SERV
SCCB	SACHEM CAP CORP 7.125 NT 24
SCCO	SOUTHERN COPPER CORP COM
SCD	LMP CAP & INCOME FD INC COM
SCE-B	SOUTHERN CALIF EDISON CO PFD 4.08%
SCE-C	SOUTHERN CALIF EDISON CO PFD 4.24%
SCE-D	SOUTHERN CALIF EDISON CO PFD 4.32%
SCE-E	SOUTHERN CALIF EDISON CO PFD 4.78%
SCE-G	SCE TR II TR PFD SECS 5.1%
SCE-H	SCE TR III FXD/FLT RT PFD
SCE-J	SCE TR IV PFD SER J
SCE-K	SCE TR V PFD SEC
SCE-L	SCE TRUST VI 5% TR PEF SEC
SCHA	SCHWAB STRATEGIC TR US SML CAP ETF
SCHB	SCHWAB STRATEGIC TR US BRD MKT ETF
SCHC	SCHWAB STRATEGIC TR INTL SCEQT ETF
SCHD	SCHWAB STRATEGIC TR US DIVIDEND EQ
SCHE	SCHWAB STRATEGIC TR EMRG MKTEQ ETF
SCHF	SCHWAB STRATEGIC TR INTL EQTY ETF
SCHG	SCHWAB STRATEGIC TR US LCAP GR ETF
SCHH	SCHWAB STRATEGIC TR US REIT ETF
SCHI	SCHWAB STRATEGIC TR 5 10YR CORP BD
SCHJ	SCHWAB STRATEGIC TR 1 5YR CORP BD
SCHK	SCHWAB STRATEGIC TR 1000 INDEX ETF
SCHL	SCHOLASTIC CORP COM
SCHM	SCHWAB STRATEGIC TR US MID-CAP ETF
SCHN	SCHNITZER STL INDS CL A
SCHO	SCHWAB STRATEGIC TR SHT TM US TRES
SCHP	SCHWAB STRATEGIC TR US TIPS ETF
SCHQ	SCHWAB STRATEGIC TR LONG TERM US
SCHR	SCHWAB STRATEGIC TR INTRM TRM TRES
SCHV	SCHWAB STRATEGIC TR US LCAP VA ETF

SCHW	SCHWAB CHARLES CORP COM
SCHW-C	SCHWAB CHARLES CORP DEP SHS PFD C
SCHW-D	SCHWAB CHARLES CORP DEP SHS 1/40 PFD
SCHX	SCHWAB STRATEGIC TR US LRG CAP ETF
SCHZ	SCHWAB STRATEGIC TR US AGGREGATE B
SCI	SERVICE CORP INTL COM
SCID	GLOBAL X FDS SCIEN BETA EUR
SCIJ	GLOBAL X FDS SCIEN BETA JPN
SCIU	GLOBAL X FDS SCIEN BETA US
SCIX	GLOBAL X FDS BETA ASIA EXJP
SCJ	ISHARES INC MSCI JAPN SMCETF
SCKT	SOCKET MOBILE INC COM NEW
SCL	STEPAN CO COM
SCM	STELLUS CAP INVT CORP COM
SCO	PROSHARES TR II ULSHT BLOOMB OIL
SCON	SUPERCONDUCTOR TECHNOLOGIES IN COM NEW
SCOR	COMSCORE INC COM
SCPE	SC HEALTH CORP COM CL A
SCPE+	SC HEALTH CORP WT EXP
SCPE=	SC HEALTH CORP UNIT EX
SCPH	SCPHARMACEUTICALS INC COM
SCPL	SCIPLAY CORP CL A
SCS	STEELCASE INC CL A
SCSC	SCANSOURCE INC COM
SCU	SCULPTOR CAP MGMT COM CL A
SCVL	SHOE CARNIVAL INC COM
SCVX	SCVX CORP COM
SCVX+	SCVX CORP WT EXP 012425
SCVX=	SCVX CORP UNIT
SCWX	SECUREWORKS CORP CL A
SCX	STARRETT L S CO CL A
SCYX	SCYNEXIS INC COM
SCZ	ISHARES TR EAFE SML CP ETF
SD	SANDRIDGE ENERGY INC COM NEW

SDAG	INDEXIQ ETF TR IQ SHORT DURAT
SDC	SMILEDIRECTCLUB INC CL A COM
SDCI	USCF ETF TR SUMMERHAVEN K1
SDD	PROSHARES TR ULTSHT SMLCP600
SDEM	GLOBAL X FDS MSCI SUPR EM ETF
SDG	ISHARES TR MSCI GLOBAL IMP
SDGA	IMPACT SHS FDS I TR SUS DV GGE ETF
SDGR	SCHRODINGER INC COM
SDI	STANDARD DIVERSIFIED INC COM CL A
SDIV	GLOBAL X FDS GLB X SUPERDIV
SDOG	ALPS ETF TR SECTR DIV DOGS
SDOW	PROSHARES TR ULTRAPRO DOW 30
SDP	PROSHARES TR ULSHRT UTILS NEW
SDPI	SUPERIOR DRILLING PRODS INC COM
SDRL	SEADRILL LTD COM
SDS	PROSHARES TR ULTRASHRT S&P500
SDVY	FIRST TR EXCHANGE-TRADED FD VI SMID RISNG ETF
SDY	SPDR SER TR S&P DIVID ETF
SDYL	UBS AG LONDON BRANCH ETRACS 2XLVS&P
SE	SEA LTD SPONSORED ADS
SEAC	SEACHANGE INTL INC COM
SEAS	SEAWORLD ENTMT INC COM
SEB	SEABOARD CORP COM
SECO	SECOO HLDG LTD ADR
SEDG	SOLAREEDGE TECHNOLOGIES INC COM
SEE	SEALED AIR CORP NEW COM
SEED	ORIGIN AGRITECH LIMITED SHS NEW
SEEL	SEELOS THERAPEUTICS INC COM
SEF	PROSHARES TR PSHS SHTFINL ETF
SEIC	SEI INVTS CO COM
SEIX	VIRTUS ETF TR II SEIX SR LN ETF
SELB	SELECTA BIOSCIENCES INC COM
SELF	GLOBAL SELF STORAGE INC COM
SEM	SELECT MED HLDGS CORP COM

SENEA	SENECA FOODS CORP NEW CL A
SENEB	SENECA FOODS CORP NEW CL B
SENS	SENSEONICS HLDGS INC COM
SERV	SERVICEMASTER GLOBAL HLDGS INC COM
SESN	SESEN BIO INC COM
SF	STIFEL FINL CORP COM
SF-A	STIFEL FINL CORP DSHS 1/40 PF A
SF-B	STIFEL FINL CORP 6.25 DPSHS PFD B
SF-C	STIFEL FINL CORP DEP RP SHS PFD C
SFB	STIFEL FINL CORP 5.20% SR NT 47
SFBC	SOUND FINL BANCORP INC COM
SFBS	SERVISFIRST BANCSHARES INC COM
SFE	SAFEGUARD SCIENTIFICS INC COM NEW
SFET	SAFE T GROUP LTD SPONSORD ADS NEW
SFIX	STITCH FIX INC COM CL A
SFL	SFL CORPORATION LTD SHS
SFM	SPROUTS FMRS MKT INC COM
SFNC	SIMMONS 1ST NATL CORP CL A \$1 PAR
SFST	SOUTHERN FIRST BANCSHARES INC COM
SFTW	OSPREY TECHN LGY AQUITION CORP COM CL A
SFTW+	OSPREY TECHN LGY AQUITION CORP WT EXP 103024
SFTW=	OSPREY TECHN LGY AQUITION CORP UNIT EX 103024
SFUN	FANG HLDGS LTD ADR NEW
SFY	TIDAL ETF TR SOFI SELCT 500
SFYF	TIDAL ETF TR SOFI 50 ETF
SFYX	TIDAL ETF TR SOFI NEXT 500
SG	SIRIUS INTERNATIONAL INSURANCE COM
SGA	SAGA COMMUNICATIONS INC CL A NEW
SGBX	SG BLOCKS INC COM NEW
SGC	SUPERIOR GRP OF COMPANIES INC COM
SGDJ	SPROTT ETF TR JR GOLD MINERS E
SGDM	SPROTT ETF TR GOLD MINERS ETF
SGEN	SEATTLE GENETICS INC COM
SGG	BARCLAYS BK PLC ETN LKD 48

SGH	SMART GLOBAL HLDGS INC SHS
SGLB	SIGMA LABS INC COM
SGLBW	SIGMA LABS INC WT EXP 150222
SGMA	SIGMATRON INTL INC COM
SGMO	SANGAMO THERAPEUTICS INC COM
SGMS	SCIENTIFIC GAMES CORP COM
SGOC	SGOCO GROUP LTD SHS NEW
SGOL	ABERDEEN STD GOLD ETF TR PHYSCL GOLD SHS
SGOV	ISHARES TR 0-3 MNTH TREASRY
SGRP	SPAR GROUP INC COM
SGRY	SURGERY PARTNERS INC COM
SGU	STAR GROUP L P UNIT LTD PARTNR
SH	PROSHARES TR SHORT S&P 500 NE
SHAK	SHAKE SHACK INC CL A
SHBI	SHORE BANCSHARES INC COM
SHE	SPDR SER TR SSGA GNDER ETF
SHEN	SHENANDOAH TELECOMMUNICATIONS COM
SHG	SHINHAN FINANCIAL GROUP CO LTD SPN ADR RESTRD
SHI	SINOPEC SHANGHAI PETROCHEMICAL SPON ADR H
SHIP	SEANERGY MARITIME HLDGS CORP SHS
SHIPW	SEANERGY MARITIME HLDGS CORP WT CL A 111021
SHIPZ	SEANERGY MARITIME HLDGS CORP WT B EXP 051322
SHLL	TORTOISE ACQUISITION CORP CL A
SHLL+	TORTOISE ACQUISITION CORP WT EXP 030424
SHLL=	TORTOISE ACQUISITION CORP UNIT EX 030424
SHLO	SHILOH INDS INC COM
SHLX	SHELL MIDSTREAM PARTNERS L P UNIT LTD INT
SHM	SPDR SER TR NUVEEN BLMBRG SR
SHO	SUNSTONE HOTEL INVS INC NEW COM
SHO-E	SUNSTONE HOTEL INVS INC NEW RED PFD SER E
SHO-F	SUNSTONE HOTEL INVS INC NEW PFD SER F
SHOO	MADDEN STEVEN LTD COM
SHOP	SHOPIFY INC CL A
SHSP	SHARPSRING INC COM

SHV	ISHARES TR SHORT TREAS BD
SHW	SHERWIN WILLIAMS CO COM
SHY	ISHARES TR 1 3 YR TREAS BD
SHYF	SHYFT GROUP INC COM
SHYG	ISHARES TR 0-5YR HI YL CP
SHYL	DBX ETF TR XTRACKERS SHRT
SI	SILVERGATE CAP CORP CL A
SIBN	SI BONE INC COM
SIC	SELECT INTERIOR CONCEPTS INC CL A
SID	COMPANHIA SIDERURGICA NACIONAL SPONSORED ADR
SIEB	SIEBERT FINL CORP COM
SIEN	SIENTRA INC COM
SIF	SIFCO INDS INC COM
SIFY	SIFY TECHNOLOGIES LIMITED SPONSORED ADS
SIG	SIGNET JEWELERS LIMITED SHS
SIGA	SIGA TECHNOLOGIES INC COM
SIGI	SELECTIVE INS GROUP INC COM
SIJ	PROSHARES TR ULTRASHORT INDL
SIL	GLOBAL X FDS GLOBAL X SILVER
SILC	SILICOM LTD ORD
SILJ	ETF MANAGERS TR PRIME JUNIR SLVR
SILK	SILK RD MED INC COM
SILV	SILVERCREST METALS INC COM
SIM	GRUPO SIMEC S A B DE C V ADR
SIMO	SILICON MOTION TECHNOLOGY CORP SPONSORED ADR
SIMS	SPDR SER TR S&P KENSHO INTLG
SINA	SINA CORP ORD
SINO	SINO GLOBAL SHIPPING AMER LTD COM
SINT	SINTX TECHNOLOGIES INC COM NEW
SIRI	SIRIUS XM HOLDINGS INC COM
SITC	SITE CENTERS CORP COM
SITC-A	SITE CENTERS CORP DEP SH CUM PFD A
SITC-K	SITE CENTERS CORP DEP SH CUM PFD K
SITE	SITEONE LANDSCAPE SUPPLY INC COM

SITM	SITIME CORP COM
SIVB	SVB FINANCIAL GROUP COM
SIVBP	SVB FINANCIAL GROUP DEP 5.25 PFD A
SIVR	ABERDEEN STD SILVER ETF TR PHYSCL SILVR SHS
SIX	SIX FLAGS ENTMT CORP NEW COM
SIXA	EXCHANGE TRADED CONCEPTS TR 6 MERIDIAN MEGA
SIXH	EXCHANGE TRADED CONCEPTS TR 6 MERIDIAN HEDG
SIXL	EXCHANGE TRADED CONCEPTS TR 6 MERIDIAN LOW
SIXS	EXCHANGE TRADED CONCEPTS TR 6 MERIDIAN SMALL
SIZE	ISHARES TR USA SIZE FACTOR
SJ	SCIENJOY HOLDING CORP SHS
SJB	PROSHARES TR SHRT HGH YIELD
SJI	SOUTH JERSEY INDS INC COM
SJIJ	SOUTH JERSEY INDS INC CAL NT 21
SJIU	SOUTH JERSEY INDS INC CORP UNITS
SJM	SMUCKER J M CO COM NEW
SJNK	SPDR SER TR BLOOMBERG SRT TR
SJR	SHAW COMMUNICATIONS INC CL B CONV
SJT	SAN JUAN BASIN RTY TR UNIT BEN INT
SJW	SJW GROUP COM
SKF	PROSHARES TR ULTSHT FINLS NEW
SKM	SK TELECOM LTD SPONSORED ADR
SKOR	FLEXSHARES TR CR SCD US BD
SKT	TANGER FACTORY OUTLET CTRS INC COM
SKX	SKECHERS U S A INC CL A
SKY	SKYLINE CHAMPION CORPORATION COM
SKYS	SKY SOLAR HLDGS LTD SPONSORD ADS NEW
SKYW	SKYWEST INC COM
SKYY	FIRST TR EXCHANGE TRADED FD II CLOUD COMPUTING
SLAB	SILICON LABORATORIES INC COM
SLB	SCHLUMBERGER LTD COM
SLCA	U S SILICA HLDGS INC COM
SLCT	SELECT BANCORP INC NEW COM
SLDB	SOLID BIOSCIENCES INC COM

SLF	SUN LIFE FINANCIAL INC. COM
SLG	SL GREEN RLTY CORP COM
SLG-I	SL GREEN RLTY CORP PFD SER I
SLGG	SUPER LEAGUE GAMING INC COM
SLGL	SOL GEL TECHNOLOGIES SHS
SLGN	SILGAN HOLDINGS INC COM
SLM	SLM CORP COM
SLMBP	SLM CORP PFD SER B
SLNO	SOLENO THERAPEUTICS INC COM NEW
SLP	SIMULATIONS PLUS INC COM
SLQD	ISHARES TR 0-5YR INVT GR CP
SLQT	SELECTQUOTE INC COM
SLRC	SOLAR CAP LTD COM
SLRX	SALARIUS PHARMACEUTICALS INC COM NEW
SLS	SELLAS LIFE SCIENCES GROUP INC COM NEW
SLV	ISHARES SILVER TR ISHARES
SLVO	CREDIT SUISSE AG NASSAU BRH X LINK SILVER SH
SLX	VANECK VECTORS ETF TR STEEL ETF
SLY	SPDR SER TR S&P 600 SML CAP
SLYG	SPDR SER TR S&P 600 SMCP GRW
SLYV	SPDR SER TR S&P 600 SMCP VAL
SM	SM ENERGY CO COM
SMAR	SMARTSHEET INC COM CL A
SMBC	SOUTHERN MO BANCORP INC COM
SMBK	SMARTFINANCIAL INC COM NEW
SMCI	SUPER MICRO COMPUTER INC COM
SMCP	ETF SER SOLUTIONS ALPHAMARK SM
SMDD	PROSHARES TR ULTPRO SHT MDCP
SMDY	SYNTAX ETF TR STRATIFIE MDCP
SMED	SHARPS COMPLIANCE CORP COM
SMEZ	SPDR INDEX SHS FDS EUR STOXX SMCP
SMFG	SUMITOMO MITSUI FINL GROUP INC SPONSORED ADR
SMG	SCOTTS MIRACLE GRO CO CL A
SMH	VANECK VECTORS ETF TR SEMICONDUCTOR ET

SMHB	UBS AG LONDON BRANCH ETRACS MNTHLY B
SMHI	SEACOR MARINE HLDGS INC COM
SMIT	SCHMITT INDS INC ORE COM NEW
SMLF	ISHARES TR MULTIFACTOR USA
SMLL	DIREXION SHS ETF TR SML CP BULL 2X
SMLP	SUMMIT MIDSTREAM PARTNERS LP COM UNIT LTD
SMLV	SPDR SER TR SSGA US SMAL ETF
SMM	SALIENT MIDSTREAM & MLP FD SH BEN INT
SMMC	SOUTH MTN MERGER CORP COM CL A
SMMCU	SOUTH MTN MERGER CORP UNIT
SMMCW	SOUTH MTN MERGER CORP WT EXP 062024
SMMF	SUMMIT FINL GROUP INC COM
SMMT	SUMMIT THERAPEUTICS PLC SPONS ADS
SMMU	PIMCO ETF TR SHTRM MUN BD ACT
SMN	PROSHARES TR BASIC MAT NEW
SMOG	VANECK VECTORS ETF TR LOW CARBN ENERGY
SMP	STANDARD MTR PRODS INC COM
SMPL	SIMPLY GOOD FOODS CO COM
SMRT	STEIN MART INC COM
SMSI	SMITH MICRO SOFTWARE INC COM NEW
SMTC	SEMTECH CORP COM
SMTS	SIERRA METALS INC COM
SMTX	SMTC CORP COM NEW
SNA	SNAP ON INC COM
SNAP	SNAP INC CL A
SNBR	SLEEP NUMBER CORP COM
SNCA	SENECA BIOPHARMA INC COM
SNCR	SYNCHRONOSS TECHNOLOGIES INC COM
SND	SMART SAND INC COM
SNDE	SUNDANCE ENERGY INC COM
SNDL	SUNDIAL GROWERS INC COM
SNDR	SCHNEIDER NATIONAL INC CL B
SNDX	SYNDAX PHARMACEUTICALS INC COM
SNE	SONY CORP SPONSORED ADR

SNES	SENESTECH INC COM NEW
SNFCA	SECURITY NATL FINL CORP CL A NEW
SNGX	SOLIGENIX INC COM
SNGXW	SOLIGENIX INC WT EXP 111421
SNLN	HIGHLAND FDS I HI LD IBOXX SRLN
SNMP	SANCHEZ MIDSTREAM PARTNERS LP COM UNITS REP B
SNN	SMITH & NEPHEW GROUP PLC SPDN ADR NEW
SNOA	SONOMA PHARMACEUTICALS INC COM NEW
SNP	CHINA PETE & CHEM CORP SPON ADR H SHS
SNPE	DBX ETF TR XTRACKERS S&P
SNPS	SYNOPSYS INC COM
SNR	NEW SR INVT GROUP INC COM
SNSR	GLOBAL X FDS INTERNET OF THNG
SNSS	SUNESIS PHARMACEUTICALS INC COM
SNUG	ALPHA ARCHITECT ETF TR MERLYN AI ETF
SNV	SYNOVUS FINL CORP COM NEW
SNV-D	SYNOVUS FINL CORP PERP PFD SER D
SNV-E	SYNOVUS FINL CORP 5.875 PFD SER E
SNX	SYNNEX CORP COM
SNY	SANOFI SPONSORED ADR
SO	SOUTHERN CO COM
SOAC=	SUSTAINABLE OPPORTNTS ACQ CORP UNIT
SOCL	GLOBAL X FDS SOCIAL MED ETF
SOGO	SOGO INC ADR REPSTG A
SOHO	SOTHERLY HOTELS INC COM
SOHOB	SOTHERLY HOTELS INC PFD SER B
SOHON	SOTHERLY HOTELS INC 8.25% CM PFD D
SOHOO	SOTHERLY HOTELS INC 7.875% PFD SER C
SOHU	SOHU COM LTD SPONSORED ADS
SOI	SOLARIS OILFIELD INFRSTR INC COM CL A
SOIL	GLOBAL X FDS GLB X FERTIL
SOJA	SOUTHERN CO JR SUB NT 2015A
SOJB	SOUTHERN CO JR SUB NT 76
SOJC	SOUTHERN CO JR 2017B NT 77

SOJD	SOUTHERN CO NT 4.95% 80
SOL	RENESOLA LTD SPONSORED ADS
SOLN	SOUTHERN CO CORP UNIT 19 A
SOLO	ELECTRAMECCANICA VEHS CORP COM NEW
SOLOW	ELECTRAMECCANICA VEHS CORP WT EXP 080323
SOLY	SOLITON INC COM
SON	SONOCO PRODS CO COM
SONA	SOUTHERN NATL BANCORP OF VA IN COM
SONM	SONIM TECHNOLOGIES INC COM
SONN	SONNET BIOTHERAPEUTC HLDNG INC COM
SONO	SONOS INC COM
SOR	SOURCE CAP INC COM
SOXL	DIREXION SHS ETF TR DLY SCOND 3XBU
SOXS	DIREXION SHS ETF TR DLY SEMICNDTR BR
SOXX	ISHARES TR PHLX SEMICND ETF
SOYB	TEUCRIUM COMMODITY TR SOYBEAN FD
SP	SP PLUS CORP COM
SPAB	SPDR SER TR PORTFOLIO AGRGTE
SPAQ	SPARTAN ENERGY ACQUISITION COR CL A COM STK
SPAQ+	SPARTAN ENERGY ACQUISITION COR WT EXP 082723
SPAQ=	SPARTAN ENERGY ACQUISITION COR UNIT EX
SPB	SPECTRUM BRANDS HLDGS INC NEW COM
SPBO	SPDR SER TR PORTFOLIO CRPORT
SPCB	SUPERCOM LTD NEW SHS NEW
SPCE	VIRGIN GALACTIC HOLDINGS INC COM
SPDN	DIREXION SHS ETF TR DLY S&P500 BR 1X
SPDV	ETF SER SOLUTIONS AAM S&P 500
SPDW	SPDR INDEX SHS FDS PORTFOLIO DEVLDP
SPE	SPECIAL OPPORTUNITIES FD INC COM
SPE-B	SPECIAL OPPORTUNITIES FD INC PFD CONV SE B
SPEM	SPDR INDEX SHS FDS PORTFOLIO EMG MK
SPEU	SPDR INDEX SHS FDS PORTFLO EURP ETF
SPFF	GLOBAL X FDS GLBX SUPRINC ETF
SPFI	SOUTH PLAINS FINANCIAL INC COM

SPG	SIMON PPTY GROUP INC NEW COM
SPG-J	SIMON PPTY GROUP INC NEW PFD J 8.375%
SPGI	S&P GLOBAL INC COM
SPGM	SPDR INDEX SHS FDS PORTFLI MSCI GBL
SPGP	INVESCO EXCHANGE TRADED FD TR S&P 500 GARP ETF
SPH	SUBURBAN PROPANE PARTNERS L P UNIT LTD PARTN
SPHB	INVESCO EXCH TRADED FD TR II S&P 500 HB ETF
SPHD	INVESCO EXCH TRADED FD TR II S&P500 HDL VOL
SPHQ	INVESCO EXCHANGE TRADED FD TR S&P500 QUALITY
SPHY	SPDR SER TR PORTFLI HIGH YLD
SPI	SPI ENERGY CO LTD SHS NEW
SPIB	SPDR SER TR PORTFOLIO INTRMD
SPIP	SPDR SER TR PORTFLI TIPS ETF
SPKE	SPARK ENERGY INC CL A COM
SPKEP	SPARK ENERGY INC PFD SER A
SPLB	SPDR SER TR PORTFOLIO LN COR
SPLG	SPDR SER TR PORTFOLIO S&P500
SPLK	SPLUNK INC COM
SPLP	STEEL PARTNERS HLDGS L P LTD PRTRSHIP U
SPLP-A	STEEL PARTNERS HLDGS L P PFD SER A
SPLV	INVESCO EXCH TRADED FD TR II S&P500 LOW VOL
SPMB	SPDR SER TR PORTFLI MORTGAGE
SPMD	SPDR SER TR PORTFOLIO S&P400
SPMO	INVESCO EXCH TRADED FD TR II S&P 500 MOMNTM
SPN	SUPERIOR ENERGY SVCS INC COM NEW
SPNE	SEASPINE HLDGS CORP COM
SPNS	SAPIENS INTL CORP N V SHS
SPOK	SPOK HLDGS INC COM
SPOT	SPOTIFY TECHNOLOGY S A SHS
SPPI	SPECTRUM PHARMACEUTICALS INC COM
SPPP	SPROTT PHYSICAL PLAT PALLAD TS UNIT
SPR	SPIRIT AEROSYSTEMS HLDGS INC COM CL A
SPRO	SPERO THERAPEUTICS INC COM
SPRT	SUPPORT COM INC COM NEW

SPSB	SPDR SER TR PORTFOLIO SHORT
SPSC	SPS COMMERCE INC COM
SPSK	TIDAL ETF TR SP DWJNS SUKUK
SPSM	SPDR SER TR PORTFOLIO S&P600
SPT	SPROUT SOCIAL INC COM CL A
SPTI	SPDR SER TR PORTFLI INTRMDIT
SPTL	SPDR SER TR PORTFOLIO LN TSR
SPTM	SPDR SER TR PORTFOLI S&P1500
SPTN	SPARTANNASH CO COM
SPTS	SPDR SER TR PORTFOLIO SH TSR
SPUS	TIDAL ETF TR SP FDS S&P 500
SPUU	DIREXION SHS ETF TR DLY S&P500 2XS
SPVM	INVESCO EXCHANGE TRADED FD TR S&P 500 VLU MOMN
SPVU	INVESCO EXCH TRADED FD TR II S&P 500 ENHNCD
SPWH	SPORTSMANS WHSE HLDGS INC COM
SPWR	SUNPOWER CORP COM
SPXB	PROSHARES TR S&P 500 BD ETF
SPXC	SPX CORP COM
SPXE	PROSHARES TR SP500 EX ENRGY
SPXL	DIREXION SHS ETF TR DRX S&P500BULL
SPXN	PROSHARES TR SP500 EX FINLS
SPXS	DIREXION SHS ETF TR DLY S&P500 BR 3X
SPXT	PROSHARES TR SP500 EX TECH
SPXU	PROSHARES TR ULTRAPRO SHORT S
SPXV	PROSHARES TR SP500 EX HLTH
SPXX	NUVEEN S&P 500 DYNAMIC OVERWRI COM
SPY	SPDR S&P 500 ETF TR TR UNIT
SPYD	SPDR SER TR PRTFLO S&P500 HI
SPYG	SPDR SER TR PRTFLO S&P500 GW
SPYV	SPDR SER TR PRTFLO S&P500 VL
SPYX	SPDR SER TR SPDR S&P 500 ETF
SQ	SQUARE INC CL A
SQBG	SEQUENTIAL BRNDS GROUP INC NEW COM
SQEW	TWO RDS SHARED TR LEADERSHARES EQT

SQLV	LEGG MASON ETF INVT TR SML CAP QULITY
SQM	SOCIEDAD QUIMICA Y MINERA DE SPON ADR SER B
SQNS	SEQUANS COMMUNICATIONS S A SPONSORED ADS
SQQQ	PROSHARES TR ULTRAPRO SHT QQQ
SR	SPIRE INC COM
SR-A	SPIRE INC 5.9 DEP RP PFD A
SRAC	STABLE RD ACQUISITION CORP COM CL A
SRACU	STABLE RD ACQUISITION CORP UNIT EXP 051526
SRACW	STABLE RD ACQUISITION CORP WT EXP 051526
SRAX	SRAX INC CL A
SRC	SPIRIT RLTY CAP INC NEW COM NEW
SRC-A	SPIRIT RLTY CAP INC NEW 6% PFD SER A
SRCE	1ST SOURCE CORP COM
SRCL	STERICYCLE INC COM
SRDX	SURMODICS INC COM
SRE	SEMPRA ENERGY COM
SRE-A	SEMPRA ENERGY 6% PFD CONV A
SRE-B	SEMPRA ENERGY 6.75% CNV PFD B
SREA	SEMPRA ENERGY FXD NT 79
SRET	GLOBAL X FDS REIT ETF
SREV	SERVICESTOURCE INTL INC COM
SRG	SERITAGE GROWTH PPTYS CL A
SRG-A	SERITAGE GROWTH PPTYS 7% CUM PFD SR A
SRI	STONERIDGE INC COM
SRL	SCULLY ROYALTY LTD COM SHS
SRLN	SSGA ACTIVE ETF TR BLKSTN GSOSRLN
SRLP	SPRAGUE RES LP COM UNIT REP LTD
SRNE	SORRENTO THERAPEUTICS INC COM NEW
SRPT	SAREPTA THERAPEUTICS INC COM
SRRR	SIERRA ONCOLOGY INC COM NEW
SRRK	SCHOLAR ROCK HLDG CORP COM
SRS	PROSHARES TR ULTSHT REAL EST
SRT	STARTEK INC COM
SRTS	SENSUS HEALTHCARE INC COM

SRTY	PROSHARES TR ULTPRO SHT 2017
SRV	CUSHING MLP & INFRASTRUCT COM NEW
SRVR	PACER FDS TR BNCHMRK INFRA
SSB	SOUTH ST CORP COM
SSBI	SUMMIT ST BK SANTA ROSA CALIF COM
SSD	SIMPSON MANUFACTURING CO INC COM
SSG	PROSHARES TR ULSHRT SEMIC NEW
SSKN	STRATA SKIN SCIENCES INC COM NEW
SSL	SASOL LTD SPONSORED ADR
SSLY	SYNTAX ETF TR STRATIFIED SMCP
SSNC	SS&C TECHNOLOGIES HLDGS INC COM
SSNT	SILVERSUN TECHNOLOGIES INC COM NEW
SSO	PROSHARES TR PSHS ULT S&P 500
SSP	SCRIPPS E W CO OHIO CL A NEW
SSPK	SILVER SPIKE ACQUISITION CORP CL A SHS
SSPKU	SILVER SPIKE ACQUISITION CORP UNIT EX
SSPKW	SILVER SPIKE ACQUISITION CORP WT EXP 080224
SSPY	SYNTAX ETF TR STRATIFD LRG CAP
SSRM	SSR MNG INC COM
SSSS	SUTTER ROCK CAP CORP COM
SSTI	SHOTSPOTTER INC COM
SSTK	SHUTTERSTOCK INC COM
SSUS	STRATEGY SHS DAY HAGAN NED
SSY	SUNLINK HEALTH SYSTEMS INC COM
SSYS	STRATASYS LTD SHS
ST	SENSATA TECHNOLOGIES HLDNG PLC SHS
STAA	STAAR SURGICAL CO COM PAR \$0.01
STAF	STAFFING 360 SOLUTIONS INC COM
STAG	STAG INDL INC COM
STAG-C	STAG INDL INC RED PFD SER C
STAR	ISTAR INC COM
STAR-D	ISTAR INC PFD SER D
STAR-G	ISTAR INC PFD G 7.65%
STAR-I	ISTAR INC PFD SER I

STAY	EXTENDED STAY AMER INC SHS 1 COM 1 CL B
STBA	S & T BANCORP INC COM
STC	STEWART INFORMATION SVCS CORP COM
STCN	STEEL CONNECT INC COM
STE	STERIS PLC SHS USD
STFC	STATE AUTO FINL CORP COM
STG	SUNLANDS TECHNOLOGY GROUP ADS
STIM	NEURONETICS INC COM
STIP	ISHARES TR 0-5 YR TIPS ETF
STK	COLUMBIA SELIGM PREM TECH GRW COM
STKL	SUNOPTA INC COM
STKS	THE ONE GROUP HOSPITALITY INC COM
STL	STERLING BANCORP DEL COM
STL-A	STERLING BANCORP DEL 6.5% DEP SHS1/40
STLD	STEEL DYNAMICS INC COM
STM	STMICROELECTRONICS N V NY REGISTRY
STMP	STAMPS COM INC COM NEW
STN	STANTEC INC COM
STND	STANDARD AVB FINL CORP COM
STNE	STONECO LTD COM CL A
STNG	SCORPIO TANKERS INC SHS
STOK	STOKE THERAPEUTICS INC COM
STON	STONEMOR INC COM
STOR	STORE CAP CORP COM
STPZ	PIMCO ETF TR 1-5 US TIP IDX
STRA	STRATEGIC ED INC COM
STRL	STERLING CONSTRUCTION CO INC COM
STRM	STREAMLINE HEALTH SOLUTIONS COM
STRO	SUTRO BIOPHARMA INC COM
STRS	STRATUS PPTYS INC COM NEW
STRT	STRATTEC SEC CORP COM
STSA	SATSUMA PHARMACEUTICALS INC COM
STT	STATE STR CORP COM
STT-D	STATE STR CORP DEP SHS 1/4000 D

STT-G	STATE STR CORP DEP SHS PFD G
STWD	STARWOOD PPTY TR INC COM
STX	SEAGATE TECHNOLOGY PLC SHS
STXB	SPIRIT OF TEX BANCSHARES INC COM
STXS	STEREOTAXIS INC COM NEW
STZ	CONSTELLATION BRANDS INC CL A
STZ.B	CONSTELLATION BRANDS INC CL B
SU	SUNCOR ENERGY INC NEW COM
SUB	ISHARES TR SHRT NAT MUN ETF
SUI	SUN CMNTYS INC COM
SUM	SUMMIT MATLS INC CL A
SUMR	SUMMER INFANT INC COM NEW
SUN	SUNOCO LP/SUNOCO FIN CORP COM UT REP LP
SUNS	SOLAR SR CAP LTD COM
SUNW	SUNWORKS INC COM NEW
SUP	SUPERIOR INDS INTL INC COM
SUPN	SUPERNUS PHARMACEUTICALS INC COM
SUPV	GRUPO SUPERVIELLE S.A. SPONSORED ADR
SURF	SURFACE ONCOLOGY INC COM
SUSA	ISHARES TR MSCI USA ESG SLC
SUSB	ISHARES TR ESG 1 5 YR USD
SUSC	ISHARES TR ESG USD CORPT
SUSL	ISHARES TR ESG MSCI LEADR
SUZ	SUZANO S A SPON ADS
SVA	SINOVAC BIOTECH LTD SHS
SVBI	SEVERN BANCORP INC ANNAPOLIS M COM
SVC	SERVICE PPTYS TR COM SH BEN INT
SVM	SILVERCORP METALS INC COM
SVMK	SVMK INC COM
SVRA	SAVARA INC COM
SVT	SERVOTRONICS INC COM
SVVC	FIRSTHAND TECH VALUE FD INC COM
SVXY	PROSHARES TR II SHT VIX ST TRM
SWAN	AMPLIFY ETF TR BLACKSWAN GRWT

SWAV	SHOCKWAVE MED INC COM
SWBI	SMITH & WESSON BRANDS INC COM
SWCH	SWITCH INC CL A
SWI	SOLARWINDS CORP COM
SWIR	SIERRA WIRELESS INC COM
SWK	STANLEY BLACK & DECKER INC COM
SWKH	SWK HLDGS CORP COM NEW
SWKS	SKYWORKS SOLUTIONS INC COM
SWM	SCHWEITZER-MAUDUIT INTL INC COM
SWN	SOUTHWESTERN ENERGY CO COM
SWT	STANLEY BLACK & DECKER INC COPR UNIT
SWTX	SPRINGWORKS THERAPEUTICS INC COM
SWX	SOUTHWEST GAS HOLDINGS INC COM
SWZ	SWISS HELVETIA FD INC COM
SXC	SUNCOKE ENERGY INC COM
SXI	STANDEX INTL CORP COM
SXT	SENSIENT TECHNOLOGIES CORP COM
SXTC	CHINA SXT PHARMACEUTICALS INC ORD SHS
SY	SO YOUNG INTERNATIONAL INC SPONSORED ADS
SYBT	STOCK YDS BANCORP INC COM
SYBX	SYNLOGIC INC COM
SYE	SSGA ACTIVE ETF TR MFS SYS COR EQ
SYF	SYNCHRONY FINANCIAL COM
SYF-A	SYNCHRONY FINANCIAL 5.625 DPSH PF A
SYG	SSGA ACTIVE ETF TR MFS SYS GWT EQ
SYK	STRYKER CORPORATION COM
SYKE	SYKES ENTERPRISES INC COM
SYN	SYNTHETIC BIOLOGICS INC COM NEW
SYNA	SYNAPTICS INC COM
SYNC	SYNACOR INC COM
SYNH	SYNEOS HEALTH INC CL A
SYNL	SYNALLOY CP DEL COM
SYPR	SYPRIS SOLUTIONS INC COM
SYRS	SYROS PHARMACEUTICALS INC COM

SYV	SSGA ACTIVE ETF TR MFS SYS VAL EQ
SYX	SYSTEMAX INC COM
SYZ	SYSCO CORP COM
SZC	CUSHING NEXTGEN INFRA INCM FD COM
SZK	PROSHARES TR PSHS CONSUMR GD
SZNE	PACER FDS TR CFRA STVAL EQL
T	AT&T INC COM
T-A	AT&T INC 5 DEP RP PFD A
T-C	AT&T INC 4.7 DP SHS PFD C
TA	TRAVELCENTERS OF AMERICA INC COM NEW
TAAG	COLLABORATIVE INVESTMNT SER TR AGGRESSIVE GRWT
TAC	TRANSALTA CORP COM
TACO	DEL TACO RESTAURANTS INC COM
TACOW	DEL TACO RESTAURANTS INC WT EXP 063020
TACT	TRANSACT TECHNOLOGIES INC COM
TADS	COLLABORATIVE INVESTMNT SER TR AGGREGATION DIVI
TAGS	TEUCRIUM COMMODITY TR AGRICULTURE FD
TAIT	TAITRON COMPONENTS INC CL A
TAK	TAKEDA PHARMACEUTICAL CO LTD SPONSORED ADS
TAL	TAL EDUCATION GROUP SPONSORED ADS
TALO	TALOS ENERGY INC COM
TALO+	TALOS ENERGY INC WT EXP 022821
TAN	INVESCO EXCHANGE-TRADED FD TR SOLAR ETF
TANH	TANTECH HLDGS LTD COM
TANNI	TRAVELCENTERS OF AMERICA INC SR NT 8.25%2028
TANNL	TRAVELCENTERS OF AMERICA INC SR NT
TANNZ	TRAVELCENTERS OF AMERICA INC 8% SR NT 2030
TAOP	TAOPING INC COM
TAP	MOLSON COORS BEVERAGE CO CL B
TAP.A	MOLSON COORS BEVERAGE CO CL A
TARA	PROTARA THERAPEUTICS INC COM STK
TARO	TARO PHARMACEUTICAL INDS LTD SHS
TAST	CARROLS RESTAURANT GROUP INC COM
TAT	TRANSATLANTIC PETROLEUM LTD SHS NEW

TATT	TAT TECHNOLOGIES LTD ORD NEW
TAWK	DIREXION SHS ETF TR DAILY BULL 3X
TAXF	AMERICAN CENTY ETF TR DIVERSIFIED MU
TAYD	TAYLOR DEVICES INC COM
TBB	AT&T INC 5.35% GLB NTS 66
TBBK	BANCORP INC DEL COM
TBC	AT&T INC 5.625% NT 67
TBF	PROSHARES TR SHRT 20+YR TRE
TBI	TRUEBLUE INC COM
TBIO	TRANSLATE BIO INC COM
TBK	TRIUMPH BANCORP INC COM
TBLT	TOUGHBUILT INDS INC COM NEW
TBLTW	TOUGHBUILT INDS INC WT EXP 051523
TBND	COLLABORATIVE INVESTMNT SER TR TACTICAL INCOM
TBNK	TERRITORIAL BANCORP INC COM
TBPH	THERAVANCE BIOPHARMA INC COM
TBT	PROSHARES TR PSHS ULTSH 20YRS
TBX	PROSHARES TR SHT 7-10 YR TR
TC	TUANCHE LTD ADS
TCBI	TEXAS CAP BANCSHARES INC COM
TCBIL	TEXAS CAP BANCSHARES INC SUB NT 6.50%42
TCBIP	TEXAS CAP BANCSHARES INC PFD PERP SR-A
TCBK	TRICO BANCSHARES COM
TCCO	TECHNICAL COMMUNICATIONS CORP COM
TCDA	TRICIDA INC COM
TCF	TCF FINANCIAL CORPORATION NEW COM
TCFC	COMMUNITY FINL CORP MD COM
TCFCP	TCF FINANCIAL CORPORATION NEW 5.7 DEP SHS RP C
TCI	TRANSCONTINENTAL RLTY INVS COM NEW
TCMD	TACTILE SYS TECHNOLOGY INC COM
TCO	TAUBMAN CTRS INC COM
TCO-J	TAUBMAN CTRS INC PFD-J
TCO-K	TAUBMAN CTRS INC PFD SER K
TCOM	TRIP COM GROUP LTD ADS

TCON	TRACON PHARMACEUTICALS INC COM NEW
TCP	TC PIPELINES LP UT COM LTD PRT
TCPC	BLACKROCK TCP CAPITAL CORP COM
TCRD	THL CREDIT INC COM
TCRR	TCR2 THERAPEUTICS INC COM
TCRW	THL CREDIT INC 6.125 SR NT 23
TCRZ	THL CREDIT INC 6.75 NTS 2022
TCS	CONTAINER STORE GROUP INC COM
TCX	TUCOWS INC COM NEW
TD	TORONTO DOMINION BK ONT COM NEW
TDA	TELEPHONE & DATA SYS INC SR NT 61
TDAC	TRIDENT ACQUISITIONS CORP COM
TDACU	TRIDENT ACQUISITIONS CORP UNIT EXP 050923
TDACW	TRIDENT ACQUISITIONS CORP WT EXP 050923
TDC	TERADATA CORP DEL COM
TDE	TELEPHONE & DATA SYS INC SR NT 2059
TDF	TEMPLETON DRAGON FD INC COM
TDG	TRANSDIGM GROUP INC COM
TDI	TELEPHONE & DATA SYS INC SR NT 2045
TDIV	FIRST TR EXCHANGE-TRADED FD VI NASD TECH DIV
TDJ	TELEPHONE & DATA SYS INC 7% SR NT 60
TDOC	TELADOC HEALTH INC COM
TDS	TELEPHONE & DATA SYS INC COM NEW
TDTF	FLEXSHARES TR IBOXX 5YR TRGT
TDTT	FLEXSHARES TR IBOXX 3R TARGT
TDW	TIDEWATER INC NEW COM
TDW+	TIDEWATER INC NEW WT EXP 112424
TDW+A	TIDEWATER INC NEW WT A EXP 073123
TDW+B	TIDEWATER INC NEW WT B EXP 073123
TDY	TELEDYNE TECHNOLOGIES INC COM
TEAF	TORTOISE ESSENTIAL ASSETS INCO COM SH BEN INT
TEAM	ATLASSIAN CORP PLC CL A
TECB	ISHARES TR US TECH BRKTHR
TECD	TECH DATA CORP COM

TECH	BIO-TECHNE CORP COM
TECK	TECK RESOURCES LTD CL B
TECL	DIREXION SHS ETF TR DLY TECH BULL 3X
TECS	DIREXION SHS ETF TR DAILY TECHNOLOGY
TECTP	TECTONIC FINANCIAL INC 9% NCUM PFD B
TEDU	TARENA INTL INC SPONSORED ADS
TEF	TELEFONICA S A SPONSORED ADR
TEI	TEMPLETON EMERGING MKTS INCOME COM
TEL	TE CONNECTIVITY LTD REG SHS
TELA	TELA BIO INC COM
TELL	TELLURIAN INC NEW COM
TEN	TENNECO INC CL A VTG COM STK
TENB	TENABLE HLDGS INC COM
TENX	TENAX THERAPEUTICS INC COM NEW
TEO	TELECOM ARGENTINA S A SPON ADR REP B
TER	TERADYNE INC COM
TERM	FIRST TR EXCHNG TRADED FD VIII EQTCOMPAS TACT
TERP	TERRAFORM PWR INC COM CL A
TESS	TESSCO TECHNOLOGIES INC COM
TEUM	PARETEUM CORP COM NEW
TEVA	TEVA PHARMACEUTICAL INDS LTD SPONSORED ADS
TEX	TEREX CORP NEW COM
TFC	TRUIST FINL CORP COM
TFC-F	TRUIST FINL CORP DEP1/1000 PFD F
TFC-G	TRUIST FINL CORP DP SHS RP PF G
TFC-H	TRUIST FINL CORP DEP PFD SER H
TFC-I	TRUIST FINL CORP DEP PFD 1/4000 I
TFC-O	TRUIST FINL CORP 5.25 DP SH PF O
TFFP	TFF PHARMACEUTICALS INC COM
TFI	SPDR SER TR NUVEEN BRC MUNIC
TFII	TFI INTL INC COM
TFLO	ISHARES TR TRS FLT RT BD
TFSL	TFS FINL CORP COM
TFX	TELEFLEX INCORPORATED COM

TG	TREDEGAR CORP COM
TGA	TRANSGLOBE ENERGY CORP COM
TGB	TASEKO MINES LTD COM
TGC	TENGASCO INC COM PAR
TGEN	TECOGEN INC NEW COM NEW
TGH	TEXTAINER GROUP HOLDINGS LTD SHS
TGI	TRIUMPH GROUP INC NEW COM
TGLS	TECNOGLASS INC SHS
TGNA	TEGNA INC COM
TGP	TEEKAY LNG PARTNERS L P PRTNRSP UNITS
TGP-A	TEEKAY LNG PARTNERS L P PFD UNIT SER A
TGP-B	TEEKAY LNG PARTNERS L P 8.50% PFD UNIT B
TGS	TRANSPORTADORA DE GAS SUR SPONSORED ADS B
TGT	TARGET CORP COM
TGTX	TG THERAPEUTICS INC COM
TH	TARGET HOSPITALITY CORP COM
THBR	THUNDER BRDG ACQUISTION II LTD CL A SHS
THBRU	THUNDER BRDG ACQUISTION II LTD UNIT EX
THBRW	THUNDER BRDG ACQUISTION II LTD WT EXP 113026
THC	TENET HEALTHCARE CORP COM NEW
THCA	TUSCAN HLDGS CORP II COM
THCAU	TUSCAN HLDGS CORP II UNIT EX 040126
THCAW	TUSCAN HLDGS CORP II WT EXP
THCB	TUSCAN HOLDINGS CORP COM
THCBU	TUSCAN HOLDINGS CORP UNIT
THCBW	TUSCAN HOLDINGS CORP WT EXP 040126
THCX	SPINNAKER ETF SERIES CANNABIS ETF
THD	ISHARES INC MSCI THAILND ETF
THFF	FIRST FINL CORP IND COM
THG	HANOVER INS GROUP INC COM
THGA	HANOVER INS GROUP INC SUB DB 6.35%53
THM	INTERNATIONAL TOWER HILL MINES COM
THMO	THERMOGENESIS HLDGS INC COM
THNQ	EXCHANGE TRADED CONCEPTS TR ROBO GLB ARTIF

THO	THOR INDS INC COM
THQ	TEKLA HEALTHCARE OPPORTUNITIES SHS
THR	THERMON GROUP HLDGS INC COM
THRM	GENTHERM INC COM
THS	TREEHOUSE FOODS INC COM
THTX	THERATECHNOLOGIES INC COM
THW	TEKLA WORLD HEALTHCARE FD BEN INT SHS
THWWW	TARGET HOSPITALITY CORP WT EXP 031524
TIF	TIFFANY & CO NEW COM
TIGO	MILLICOM INTL CELLULAR S A COM STK
TIGR	UP FINTECH HLDG LTD SPONSORED ADS
TILE	INTERFACE INC COM
TIP	ISHARES TR TIPS BD ETF
TIPT	TIPTREE INC COM
TIPX	SPDR SER TR BLOMBERG 1 10 YR
TIPZ	PIMCO ETF TR BROAD US TIPS
TISI	TEAM INC COM
TITN	TITAN MACHY INC COM
TJX	TJX COS INC NEW COM
TK	TEEKAY CORPORATION COM
TKAT	TAKUNG ART CO LTD COM NEW
TKC	TURKCELL ILETISIM HIZMETLERI SPON ADR NEW
TKR	TIMKEN CO COM
TLC	TAIWAN LIPOSOME CO LTD SPONSORED ADS
TLDH	FLEXSHARES TR CUR HDG DM IDX
TLEH	FLEXSHARES TR CUR HDG EM IDX
TLF	TANDY LEATHER FACTORY INC COM
TLGT	TELIGENT INC NEW COM NEW
TLH	ISHARES TR 10-20 YR TRS ETF
TLI	WESTERN ASSET CORPORATE LN FD COM
TLK	P T TELEKOMUNIKASI INDONESIA SPONSORED ADR
TLND	TALEND S A ADS
TLRD	TAILORED BRANDS INC COM
TLRY	TILRAY INC COM CL 2

TLSA	TIZIANA LIFE SCIENCES PLC SPONSORED ADS
TLT	ISHARES TR 20 YR TR BD ETF
TLTD	FLEXSHARES TR M STAR DEV MKT
TLTE	FLEXSHARES TR MSTAR EMKT FAC
TLYS	TILLYS INC CL A
TM	TOYOTA MOTOR CORP SP ADR REP2COM
TMBR	TIMBER PHARMACEUTICALS INC COM
TMDI	TITAN MED INC COM NEW
TMDX	TRANSMEDICS GROUP INC COM
TME	TENCENT MUSIC ENTMT GROUP SPON ADS
TMF	DIREXION SHS ETF TR 20YR TRES BULL
TMHC	TAYLOR MORRISON HOME CORP COM
TMO	THERMO FISHER SCIENTIFIC INC COM
TMP	TOMPKINS FINANCIAL CORPORATION COM
TMQ	TRILOGY METALS INC NEW COM
TMST	TIMKENSTEEL CORP COM
TMUS	T-MOBILE US INC COM
TMV	DIREXION SHS ETF TR 20YR TRES BEAR
TNA	DIREXION SHS ETF TR DLY SMCAP BULL3X
TNAV	TELENAV INC COM
TNC	TENNANT CO COM
TNDM	TANDEM DIABETES CARE INC COM NEW
TNET	TRINET GROUP INC COM
TNK	TEEKAY TANKERS LTD CL A
TNP	TSAKOS ENERGY NAVIGATION LTD SHS
TNP-C	TSAKOS ENERGY NAVIGATION LTD RED PFD SER C
TNP-D	TSAKOS ENERGY NAVIGATION LTD PERP PFD SER D
TNP-E	TSAKOS ENERGY NAVIGATION LTD PERP PFD SER E
TNP-F	TSAKOS ENERGY NAVIGATION LTD CUM PFD SER F
TNXP	TONIX PHARMACEUTICALS HLDG COR COM
TOK	ISHARES TR MSCI KOKUSAI ETF
TOL	TOLL BROTHERS INC COM
TOLZ	PROSHARES TR DJ BRKFLD GLB
TOPS	TOP SHIPS INC COM NEW

TORC	RESTORBIO INC COM
TOT	TOTAL S.A. SPONSORED ADS
TOTA	TOTTENHAM ACQUISITION I LTD SHS
TOTAR	TOTTENHAM ACQUISITION I LTD RT
TOTAU	TOTTENHAM ACQUISITION I LTD UNIT EXP 050625
TOTAW	TOTTENHAM ACQUISITION I LTD WT EXP 050625
TOTL	SSGA ACTIVE ETF TR SPDR TR TACTIC
TOUR	TUNIU CORP SPONSORED ADS A
TOWN	TOWNEBANK PORTSMOUTH VA COM
TPB	TURNING PT BRANDS INC COM
TPC	TUTOR PERINI CORP COM
TPCO	TRIBUNE PUBG CO NEW COM
TPH	TRI POINTE GROUP INC COM
TPHD	TIMOTHY PLAN HIG DV STK ETF
TPHS	TRINITY PL HLDGS INC COM
TPIC	TPI COMPOSITES INC COM
TPIF	TIMOTHY PLAN INTL ETF
TPL	TEXAS PAC LD TR SUB CTF PROP I T
TPLC	TIMOTHY PLAN US LRGMD CP CORE
TPOR	DIREXION SHS ETF TR DAILY TRANS 3X
TPR	TAPESTRY INC COM
TPRE	THIRD PT REINS LTD COM
TPSC	TIMOTHY PLAN U S SM CP CORE
TPTX	TURNING POINT THERAPEUTICS INC COM
TPVG	TRIPLEPOINT VENTURE GROWTH BDC COM
TPVY	TRIPLEPOINT VENTURE GROWTH BDC 5.75% NT 22
TPX	TEMPUR SEALY INTL INC COM
TPYP	MANAGED PORTFOLIO SER TORTOISE NRAM PI
TPZ	TORTOISE PWR & ENERGY INFRASTR COM
TQQQ	PROSHARES TR ULTRAPRO QQQ
TR	TOOTSIE ROLL INDS INC COM
TRC	TEJON RANCH CO COM
TRCH	TORCHLIGHT ENERGY RES INC COM
TREB=	TREBIA ACQUISITION CORP UNIT

TREC	TRECORA RES COM
TREE	LENDINGTREE INC NEW COM
TREX	TREX CO INC COM
TRGP	TARGA RES CORP COM
TRHC	TABULA RASA HEALTHCARE INC COM
TRI	THOMSON REUTERS CORP. COM NEW
TRIB	TRINITY BIOTECH PLC SPON ADR NEW
TRIL	TRILLIUM THERAPEUTICS INC COM NEW
TRIP	TRIPADVISOR INC COM
TRMB	TRIMBLE INC COM
TRMD	TORM PLC SHS CL A
TRMK	TRUSTMARK CORP COM
TRMT	TREMONT MTG TR COM
TRN	TRINITY INDS INC COM
TRND	PACER FDS TR TRENDPILOT FD
TRNE	TRINE ACQUISITION CORP COM CL A
TRNE+	TRINE ACQUISITION CORP WT EXP 033121
TRNE=	TRINE ACQUISITION CORP UNIT EX 033121
TRNO	TERRENO RLTY CORP COM
TRNS	TRANSCAT INC COM
TROW	PRICE T ROWE GROUP INC COM
TROX	TRONOX HOLDINGS PLC SHS
TRP	TC ENERGY CORP COM
TRPX	THERAPIX BIOSCIENCES LTD SPONSORED ADS NE
TRQ	TURQUOISE HILL RES LTD COM
TRS	TRIMAS CORP COM NEW
TRST	TRUSTCO BK CORP N Y COM
TRT	TRIO TECH INTL COM NEW
TRTN	TRITON INTL LTD CL A
TRTN-A	TRITON INTL LTD 8.5% CUM RED A
TRTN-B	TRITON INTL LTD 8% CUM PFD SER B
TRTN-C	TRITON INTL LTD 7.375 CUM PFD C
TRTN-D	TRITON INTL LTD 6.875 PFD SR D
TRTX	TPG RE FIN TR INC COM

TRU	TRANSUNION COM
TRUE	TRUECAR INC COM
TRUP	TRUPANION INC COM
TRV	TRAVELERS COMPANIES INC COM
TRVG	TRIVAGO N V SPON ADS A SHS
TRVI	TREVI THERAPEUTICS INC COM
TRVN	TREVENA INC COM
TRWH	TWIN RIV WORLDWIDE HLDGS INC COM
TRX	TANZANIAN GOLD CORP COM
TRXC	TRANSENERIX INC COM
TS	TENARIS S A SPONSORED ADS
TSBK	TIMBERLAND BANCORP INC COM
TSC	TRISTATE CAP HLDGS INC COM
TSCAP	TRISTATE CAP HLDGS INC DEP SHS 1/40 INT
TSCBP	TRISTATE CAP HLDGS INC 6.375 DEP PFD B
TSCO	TRACTOR SUPPLY CO COM
TSE	TRINSEO S A SHS
TSEM	TOWER SEMICONDUCTOR LTD SHS NEW
TSI	TCW STRATEGIC INCOME FD INC COM
TSLA	TESLA INC COM
TSLX	SIXTH STREET SPECIALTY LENDNIN COM
TSM	TAIWAN SEMICONDUCTOR MFG LTD SPONSORED ADS
TSN	TYSON FOODS INC CL A
TSQ	TOWNSQUARE MEDIA INC CL A
TSRI	TSR INC COM
TSU	TIM PARTICIPACOE S A SPONSORED ADR
TT	TRANE TECHNOLOGIES PLC SHS
TTC	TORO CO COM
TTD	THE TRADE DESK INC COM CL A
TTEC	TTEC HLDGS INC COM
TTEK	TETRA TECH INC NEW COM
TTGT	TECHTARGET INC COM
TTI	TETRA TECHNOLOGIES INC DEL COM
TTM	TATA MTRS LTD SPONSORED ADR

TTMI	TTM TECHNOLOGIES INC COM
TTNP	TITAN PHARMACEUTICALS INC DEL COM
TTOO	T2 BIOSYSTEMS INC COM
TTP	TORTOISE PIPELINE & ENERGY FD COM
TTPH	TETRAPHASE PHARMACEUTICALS INC COM NEW
TTT	PROSHARES TR ULSH 20YRTRE NEW
TTTN	TIGERSHARES TR UP FINTECH CHIN US
TTWO	TAKE-TWO INTERACTIVE SOFTWARE COM
TU	TELUS CORPORATION COM
TUFN	TUFIN SOFTWARE TECHNOLOGIS LTD SHS
TUP	TUPPERWARE BRANDS CORP COM
TUR	ISHARES INC MSCI TURKEY ETF
TURN	180 DEGREE CAP CORP COM
TUSA	FIRST TR EXCHANGE-TRADED FD ETF
TUSK	MAMMOTH ENERGY SVCS INC COM
TV	GRUPO TELEVISIA SA SPON ADR REP ORD
TVC	TENNESSEE VALLEY AUTH PARRS D 2028
TVE	TENNESSEE VALLEY AUTH PARRS A 2029
TVIX	CREDIT SUISSE AG NASSAU BRH VELOCITY SHS NEW
TVTY	TIVITY HEALTH INC COM
TW	TRADEWEB MKTS INC CL A
TWI	TITAN INTL INC ILL COM
TWIN	TWIN DISC INC COM
TWLO	TWILIO INC CL A
TWM	PROSHARES TR ULTSHT RUSS2000
TWMC	TRANS WORLD ENTMT CORP COM NEW
TWN	TAIWAN FD INC COM
TWNK	HOSTESS BRANDS INC CL A
TWPKW	HOSTESS BRANDS INC WT EXP 110421
TWO	TWO HBRS INVT CORP COM NEW
TWO-A	TWO HBRS INVT CORP PFD SER A
TWO-B	TWO HBRS INVT CORP 7.625% PFD B FXD
TWO-C	TWO HBRS INVT CORP 7.25% CUM PFD C
TWO-D	TWO HBRS INVT CORP 7.75% CM PFD D

TWO-E	TWO HBRS INVT CORP 7.50% CM PFD E
TWOU	2U INC COM
TWST	TWIST BIOSCIENCE CORP COM
TWTR	TWITTER INC COM
TX	TERNIUM SA SPONSORED ADS
TXG	10X GENOMICS INC CL A COM
TXMD	THERAPEUTICSMD INC COM
TXN	TEXAS INSTRS INC COM
TXRH	TEXAS ROADHOUSE INC COM
TXT	TEXTRON INC COM
TY	TRI CONTL CORP COM
TY-	TRI CONTL CORP PFD
TYBS	DIREXION SHS ETF TR 20YR TRES BEAR
TYD	DIREXION SHS ETF TR 7 10YR TRES BULL
TYG	TORTOISE ENERGY INFRA CORP COM
TYHT	SHINECO INC COM NEW
TYL	TYLER TECHNOLOGIES INC COM
TYME	TYME TECHNOLOGIES INC COM
TYO	DIREXION SHS ETF TR 7 10YR TRES BEAR
TZA	DIREXION SHS ETF TR DAILY SM CP BEAR
TZAC	TENZING ACQUISITION CORP ORD SHS
TZACU	TENZING ACQUISITION CORP UNIT EX 082424
TZACW	TENZING ACQUISITION CORP WT EXP 022325
TZOO	TRAVELZOO COM NEW
UA	UNDER ARMOUR INC CL C
UAA	UNDER ARMOUR INC CL A
UAE	ISHARES TR MSCI UAE ETF
UAG	UBS AG JERSEY BRH CMCI AGRI ETN
UAL	UNITED AIRLS HLDGS INC COM
UAMY	UNITED STATES ANTIMONY CORP COM
UAN	CVR PARTNERS LP COM
UAUD	CITIGROUP GLOBAL MKTS HLDGS IN VELCTYSHS USDAUD
UAVS	AGEAGLE AERIAL SYS INC NEW COM
UBA	URSTADT BIDDLE PPTYS INC CL A

UBCP	UNITED BANCORP INC OHIO COM
UBER	UBER TECHNOLOGIES INC COM
UBFO	UNITED SEC BANCSHARES CALIF COM
UBG	UBS AG JERSEY BRH CMCI GOLD ETN
UBOH	UNITED BANCSHARES INC OHIO COM
UBOT	DIREXION SHS ETF TR DLY ROB AI 3X
UBP	URSTADT BIDDLE PPTYS INC COM
UBP-H	URSTADT BIDDLE PPTYS INC 6.25% CUM PFD H
UBP-K	URSTADT BIDDLE PPTYS INC 5.875% SR K PFD
UBR	PROSHARES TR ULTRA MSCI BRAZI
UBS	UBS GROUP AG SHS
UBSI	UNITED BANKSHARES INC WEST VA COM
UBT	PROSHARES TR ULTRA 20YR TRE
UBX	UNITY BIOTECHNOLOGY INC COM
UCBI	UNITED CMNTY BKS BLAIRSVLE GA COM
UCBIO	UNITED CMNTY BKS INC 6.875 DP PF I
UCC	PROSHARES TR PSHS CONSMR SVCS
UCHF	CITIGROUP GLOBAL MKTS HLDGS IN VELCTYSHS USDCHF
UCI	UBS AG JERSEY BRH CMCI ETN 38
UCIB	UBS AG LONDON BRANCH ETRACS UBS BLOOM
UCL	UCLOUDLINK GROUP INC SPONSORED ADS
UCO	PROSHARES TR II ULTA BLMBG 2017
UCON	FIRST TR EXCHNG TRADED FD VIII TCW UNCONSTRAI
UCTT	ULTRA CLEAN HLDGS INC COM
UDN	INVESCO DB US DLR INDEX TR BEARISH FD
UDOW	PROSHARES TR ULTRPRO DOW30
UDR	UDR INC COM
UE	URBAN EDGE PPTYS COM
UEC	URANIUM ENERGY CORP COM
UEIC	UNIVERSAL ELECTRS INC COM
UEPS	NET 1 UEPS TECHNOLOGIES INC COM NEW
UEUR	CITIGROUP GLOBAL MKTS HLDGS IN VELCTYSHS USDEUR
UEVM	VICTORY PORTFOLIOS II VICTORYSHS EMMKT
UFAB	UNIQUE FABRICATING INC COM

UFCS	UNITED FIRE GROUP INC COM
UFI	UNIFI INC COM NEW
UFO	PROCURE ETF TRUST II SPACE ETF
UFPI	UFP INDUSTRIES INC COM
UFPT	UFP TECHNOLOGIES INC COM
UFS	DOMTAR CORP COM NEW
UG	UNITED GUARDIAN INC COM
UGA	UNITED STS GASOLINE FD LP UNITS
UGAZ	CREDIT SUISSE NASSAU BRANCH ETN LKD 32
UGBP	CITIGROUP GLOBAL MKTS HLDGS IN VELCTYSHS USDGBP
UGE	PROSHARES TR PSHS CONSMRGOODS
UGI	UGI CORP NEW COM
UGL	PROSHARES TR II ULTRA GOLD
UGLD	CREDIT SUISSE AG NASSAU BRH 3X LONG GOLD
UGP	ULTRAPAR PARTICIPACOES SA SP ADR REP COM
UHAL	AMERCO COM
UHS	UNIVERSAL HLTH SVCS INC CL B
UHT	UNIVERSAL HEALTH RLTY INCM TR SH BEN INT
UI	UBIQUITI INC COM
UIHC	UNITED INS HLDGS CORP COM
UIS	UNISYS CORP COM NEW
UITB	VICTORY PORTFOLIOS II VICTORYSHS INTRM
UIVM	VICTORY PORTFOLIOS II VICTORYSHS INTL
UJB	PROSHARES TR ULTRA HIGH YLD
UJPY	CITIGROUP GLOBAL MKTS HLDGS IN VELCTYSHS USDJPY
UL	UNILEVER PLC SPON ADR NEW
ULBI	ULTRALIFE CORP COM
ULE	PROSHARES TR II PSH ULTRA EURO
ULH	UNIVERSAL LOGISTICS HLDGS INC COM
ULST	SSGA ACTIVE ETF TR ULT SHT TRM BD
ULTA	ULTA BEAUTY INC COM
ULTR	INDEXIQ ACTIVE ETF TR IQ ULTR SHT DU
ULVM	VICTORY PORTFOLIOS II VICTORYSHS INDEX
UMBF	UMB FINL CORP COM

UMC	UNITED MICROELECTRONICS CORP SPON ADR NEW
UMDD	PROSHARES TR ULTRA MDCAP400
UMH	UMH PPTYS INC COM
UMH-B	UMH PPTYS INC PFD RED SER B
UMH-C	UMH PPTYS INC 6.75% CUM PFD C
UMH-D	UMH PPTYS INC 6.375% CUM PFD D
UMPQ	UMPQUA HLDGS CORP COM
UMRX	UNUM THERAPEUTICS INC COM
UN	UNILEVER N V N Y SHS NEW
UNAM	UNICO AMERN CORP COM
UNB	UNION BANKSHARES INC COM
UNF	UNIFIRST CORP MASS COM
UNFI	UNITED NAT FOODS INC COM
UNG	UNITED STS NAT GAS FD LP UNIT PAR
UNH	UNITEDHEALTH GROUP INC COM
UNIT	UNITI GROUP INC COM
UNL	UNITED STS 12 MONTH NAT GAS FD UNIT BEN INT
UNM	UNUM GROUP COM
UNMA	UNUM GROUP 6.250% JR NT58
UNP	UNION PAC CORP COM
UNTY	UNITY BANCORP INC COM
UNVR	UNIVAR SOLUTIONS INC COM
UONE	URBAN ONE INC CL A
UONEK	URBAN ONE INC CL D NON VTG
UPLD	UPLAND SOFTWARE INC COM
UPRO	PROSHARES TR ULTRPRO S&P500
UPS	UNITED PARCEL SERVICE INC CL B
UPV	PROSHARES TR ULT FTSE EUROPE
UPW	PROSHARES TR PSHS ULTRA UTIL
UPWK	UPWORK INC COM
URA	GLOBAL X FDS GLOBAL X URANIUM
URBN	URBAN OUTFITTERS INC COM
URE	PROSHARES TR ULT R/EST NEW
URG	UR-ENERGY INC COM

URGN	UROGEN PHARMA LTD COM
URI	UNITED RENTALS INC COM
URNM	EXCHANGE TRADED CONCEPTS TR NORTH SHOR GBL
UROV	UROVANT SCIENCES LTD SHS
URTH	ISHARES INC MSCI WORLD ETF
URTY	PROSHARES TR ULTR RUSSL2000
USA	LIBERTY ALL STAR EQUITY FD SH BEN INT
USAC	USA COMPRESSION PARTNERS LP COMUNIT LTDPAR
USAI	PACER FDS TR AMERCN ENRGY IND
USAK	USA TRUCK INC COM
USAP	UNIVERSAL STAINLESS & ALLOY COM
USAS	AMERICAS GOLD AND SILVER CORP COM
USAU	U S GOLD CORP COM NEW
USB	US BANCORP DEL COM NEW
USB-A	US BANCORP DEL PERP PFD SER A
USB-H	US BANCORP DEL PFD B 1/1000DP
USB-M	US BANCORP DEL DEP SHS PFD F
USB-O	US BANCORP DEL PFD 1/1000 PRP H
USB-P	US BANCORP DEL DEP PERP PFD K
USCI	UNITED STS COMMODITY INDEX FD COMM IDX FND
USCR	U S CONCRETE INC COM NEW
USD	PROSHARES TR PSHS ULT SEMICDT
USDP	USD PARTNERS LP COM UT REP LTD
USDU	WISDOMTREE TR BLMBG US BULL
USDY	PACIFIC GLOBAL ETF TR US EQ INM ETF
USEG	U S ENERGY CORP WYO COM
USFD	US FOODS HLDG CORP COM
USFR	WISDOMTREE TR FLOATNG RAT TREA
USHG	AGF INVTS TR AGFIQ DYNAMIC
USI	PRINCIPAL EXCHANGE-TRADED FDS ULTRA SHT ACTV
USIG	ISHARES TR USD INV GRDE ETF
USIO	USIO INC COM
USL	UNITED STS 12 MONTH OIL FD LP UNIT BEN INT
USLB	INVESCO EXCH TRADED FD TR II RUSEL 1000 LOW

USLM	UNITED STATES LIME & MINERALS COM
USLV	CREDIT SUISSE AG NASSAU BRH VELOCITY SHS ETN
USM	UNITED STATES CELLULAR CORP COM
USMC	PRINCIPAL EXCHANGE-TRADED FDS US MEGA CAP
USNA	USANA HEALTH SCIENCES INC COM
USO	UNITED STS OIL FD LP UNITS
USOI	CREDIT SUISSE NASSAU BRANCH XLINK CRD ETN37
USPH	U S PHYSICAL THERAPY INC COM
USRT	ISHARES TR CRE U S REIT ETF
USSG	DBX ETF TR XTRCKR MSCI US
UST	PROSHARES TR ULTR 7-10 TREA
USTB	VICTORY PORTFOLIOS II VICTORYSHS SHORT
USV	UBS AG JERSEY BRH CMCI SILVR ETN
USVM	VICTORY PORTFOLIOS II VICTORYSHS SMLCP
USWS	U S WELL SVCS INC CL A
USWSW	U S WELL SVCS INC WT EXP 031524
USX	US XPRESS ENTERPRISES INC COM CL A
USXF	ISHARES TR ESG MSCI USA ETF
UTES	ETFIS SER TR I VIRTUS REAVES UT
UTF	COHEN & STEERS INFRASTRUCTURE COM
UTG	REAVES UTIL INCOME FD COM SH BEN INT
UTHR	UNITED THERAPEUTICS CORP DEL COM
UTI	UNIVERSAL TECHNICAL INST INC COM
UTL	UNITIL CORP COM
UTMD	UTAH MED PRODS INC COM
UTRN	EXCHANGE TRADED CONCEPTS TR VSPR US LC ETF
UTSI	UTSTARCOM HOLDINGS CORP SHS NEW
UTSL	DIREXION SHS ETF TR DLY UTLTIES 3X
UUP	INVESCO DB US DLR INDEX TR BULLISH FD
UUU	UNIVERSAL SEC INSTRS INC COM NEW
UUUU	ENERGY FUELS INC COM NEW
UUUU+	ENERGY FUELS INC WT EXP 092021
UVE	UNIVERSAL INS HLDGS INC COM
UVSP	UNIVEST FINANCIAL CORPORATION COM

UVV	UNIVERSAL CORP VA COM
UVXY	PROSHARES TR II ULTRA VIX SHORT
UWM	PROSHARES TR PSHS ULTRUSS2000
UXI	PROSHARES TR PSHS ULTRA INDL
UXIN	UXIN LTD ADS
UYG	PROSHARES TR ULTRA FNCLS NEW
UYM	PROSHARES TR PSHS ULT BASMATL
UZA	UNITED STATES CELLULAR CORP CALL SR NT 60
UZB	UNITED STATES CELLULAR CORP SR NT 120163
UZC	UNITED STATES CELLULAR CORP SR NT 64
V	VISA INC COM CL A
VAC	MARRIOTT VACTINS WORLDWID CORP COM
VAL	VALARIS PLC SHS CLASS A
VALE	VALE S A SPONSORED ADS
VALQ	AMERICAN CENTY ETF TR STOXX US QUALT
VALT	ETF MANAGERS TR ETFMG SIT ULTR
VALU	VALUE LINE INC COM
VAPO	VAPOTHERM INC COM
VAR	VARIAN MED SYS INC COM
VAW	VANGUARD WORLD FDS MATERIALS ETF
VB	VANGUARD INDEX FDS SMALL CP ETF
VBF	INVESCO BD FD COM
VBFC	VILLAGE BK & TR FINANCIAL CORP COM NEW
VBIV	VBI VACCINES INC COM NEW
VBK	VANGUARD INDEX FDS SML CP GRW ETF
VBLT	VASCULAR BIOGENICS LTD COM
VBND	ETF SER SOLUTIONS VIDENT CORE US
VBR	VANGUARD INDEX FDS SM CP VAL ETF
VBTX	VERITEX HLDGS INC COM
VC	VISTEON CORP COM NEW
VCEL	VERICEL CORP COM
VCF	DELAWARE INVTS COLO MUN INCOME COM
VCIF	VERTICAL CAP INCOME FD SHS BEN INT
VCIT	VANGUARD SCOTTSDALE FDS INT-TERM CORP

VCLT	VANGUARD SCOTTSDALE FDS LG-TERM COR BD
VCNX	VACCINEX INC COM
VCR	VANGUARD WORLD FDS CONSUM DIS ETF
VCRA	VOCERA COMMUNICATIONS INC COM
VCSH	VANGUARD SCOTTSDALE FDS SHRT TRM CORP BD
VCTR	VICTORY CAP HLDGS INC COM CL A
VCV	INVESCO CALIF VALUE MUN INCOME COM
VCYT	VERACYTE INC COM
VDC	VANGUARD WORLD FDS CONSUM STP ETF
VDE	VANGUARD WORLD FDS ENERGY ETF
VEA	VANGUARD TAX-MANAGED FDS FTSE DEV MKT ETF
VEC	VECTRUS INC COM
VECO	VEECO INSTRS INC DEL COM
VEDL	VEDANTA LTD SPONSORED ADR
VEEV	VEEVA SYS INC CL A COM
VEGA	ADVISORSHARES TR STAR GLOB BUYW
VEGI	ISHARES INC GLB AGRIC PR ETF
VEGN	ETF SER SOLUTIONS US VEGAN CLIMA
VEL	VELOCITY FINL INC COM
VEON	VEON LTD SPONSORED ADR
VER	VEREIT INC COM
VER-F	VEREIT INC PFD SER F
VERB	VERB TECHNOLOGY CO INC COM
VERBW	VERB TECHNOLOGY CO INC WT EXP 031424
VERI	VERITONE INC COM
VERO	VENUS CONCEPT INC COM
VERT=	VERTIV HOLDINGS CO UNIT EX 061223
VERU	VERU INC COM
VERY	VERICITY INC COM
VET	VERMILION ENERGY INC COM
VETS	PACER FDS TR MILTRY TIMS ETF
VEU	VANGUARD INTL EQUITY INDEX FDS ALLWRLD EX US
VFC	V F CORP COM
VFF	VILLAGE FARMS INTL INC COM

VFH	VANGUARD WORLD FDS FINANCIALS ETF
VFL	DELAWARE INVTS NATL MUN INCOME SH BEN INT
VG	VONAGE HLDGS CORP COM
VGFO	ETFIS SER TR I VIRTUS WMC GBL
VGI	VIRTUS GLOBAL MULTI-SEC INC FD COM
VGIT	VANGUARD SCOTTSDALE FDS INTER TERM TREAS
VGK	VANGUARD INTL EQUITY INDEX FDS FTSE EUROPE ETF
VGLT	VANGUARD SCOTTSDALE FDS LONG TERM TREAS
VGM	INVESCO TR INVT GRADE MUNS COM
VGR	VECTOR GROUP LTD COM
VGSH	VANGUARD SCOTTSDALE FDS SHORT TERM TREAS
VGT	VANGUARD WORLD FDS INF TECH ETF
VGZ	VISTA GOLD CORP COM NEW
VHC	VIRNETX HLDG CORP COM
VHI	VALHI INC NEW COM
VHT	VANGUARD WORLD FDS HEALTH CAR ETF
VIAC	VIACOMCBS INC CL B
VIACA	VIACOMCBS INC CL A
VIAV	VIAVI SOLUTIONS INC COM
VICI	VICI PPTYS INC COM
VICR	VICOR CORP COM
VIDI	ETF SER SOLUTIONS VIDENT INTL EQ
VIE	VIELA BIO INC COM
VIG	VANGUARD SPECIALIZED FUNDS DIV APP ETF
VIGI	VANGUARD WHITEHALL FDS INTL DVD ETF
VIIX	CREDIT SUISSE AG NASSAU BRH ETN LKD 30
VIOG	VANGUARD ADMIRAL FDS INC SMLCP 600 GRTH
VIOO	VANGUARD ADMIRAL FDS INC SMLLCP 600 IDX
VIOT	VIOMI TECHNOLOGY CO LTD SPONSORED ADS
VIOV	VANGUARD ADMIRAL FDS INC SMLCP 600 VAL
VIPS	VIPSHOP HOLDINGS LIMITED SPONSORED ADS A
VIR	VIR BIOTECHNOLOGY INC COM
VIRC	VIRCO MFG CO COM
VIRT	VIRTU FINL INC CL A

VIS	VANGUARD WORLD FDS INDUSTRIAL ETF
VISL	VISLINK TECHNOLOGIES INC COM NEW
VIST	VISTA OIL & GAS S A B DE C V SPONSORED ADS
VIV	TELEFONICA BRASIL SA SPONSORED ADR
VIVE	VIVEVE MED INC COM
VIVO	MERIDIAN BIOSCIENCE INC COM
VIXM	PROSHARES TR II VIX MDTRM FUTR N
VIXY	PROSHARES TR II VIX SH TRM FUTRS
VJET	VOXELJET AG ADS
VKI	INVESCO ADVANTAGE MUN INCOME T SH BEN INT
VKQ	INVESCO MUN TR COM
VKTX	VIKING THERAPEUTICS INC COM
VKTXW	VIKING THERAPEUTICS INC WT EXP 041321
VLGEA	VILLAGE SUPER MKT INC CL A NEW
VLO	VALERO ENERGY CORP COM
VLRS	CONTROLADORA VUELA COMP DE AVI SPON ADR RP 10
VLT	INVESCO HIGH INCOME TR II COM
VLU	SPDR SER TR SPDR S&P1500VL
VLY	VALLEY NATL BANCORP COM
VLYPO	VALLEY NATL BANCORP 5.50% PFD SER B
VLYPP	VALLEY NATL BANCORP 6.25% PFD SER A
VMBS	VANGUARD SCOTTSDALE FDS MORTG-BACK SEC
VMC	VULCAN MATLS CO COM
VMD	VIEMED HEALTHCARE INC COM
VMI	VALMONT INDS INC COM
VMM	DELAWARE INVTS MINN MUN INCOME COM
VMO	INVESCO MUN OPPORTUNITY TR COM
VMW	VMWARE INC CL A COM
VNCE	VINCE HLDG CORP COM NEW
VNDA	VANDA PHARMACEUTICALS INC COM
VNE	VEONEER INC COM
VNET	21VIANET GROUP INC SPONSORED ADS A
VNLA	JANUS DETROIT STR TR HENDRSN SHRT ETF
VNO	VORNADO RLTY TR SH BEN INT

VNO-K	VORNADO RLTY TR PFD SER K
VNO-L	VORNADO RLTY TR PFD SER L 5.40%
VNO-M	VORNADO RLTY TR 5.25% CUM PFD M
VNOM	VIPER ENERGY PARTNERS LP COM UNT RP INT
VNQ	VANGUARD INDEX FDS REAL ESTATE ETF
VNQI	VANGUARD INTL EQUITY INDEX FDS GLB EX US ETF
VNRX	VOLITIONRX LTD COM
VNTR	VENATOR MATLS PLC SHS
VO	VANGUARD INDEX FDS MID CAP ETF
VOC	VOC ENERGY TR TR UNIT
VOD	VODAFONE GROUP PLC NEW SPONSORED ADR
VOE	VANGUARD INDEX FDS MCAP VL IDXVIP
VOLT	VOLT INFORMATION SCIENCES INC COM
VONE	VANGUARD SCOTTSDALE FDS VNG RUS1000IDX
VONG	VANGUARD SCOTTSDALE FDS VNG RUS1000GRW
VONV	VANGUARD SCOTTSDALE FDS VNG RUS1000VAL
VOO	VANGUARD INDEX FDS S&P 500 ETF SHS
VOOG	VANGUARD ADMIRAL FDS INC 500 GRTH IDX F
VOOV	VANGUARD ADMIRAL FDS INC 500 VAL IDX FD
VOT	VANGUARD INDEX FDS MCAP GR IDXVIP
VOX	VANGUARD WORLD FDS COMM SRVC ETF
VOXX	VOXX INTL CORP CL A
VOYA	VOYA FINANCIAL INC COM
VOYA-B	VOYA FINANCIAL INC 5.35% DP PFD B
VPC	ETFIS SER TR I VIRTUS PVT CR
VPG	VISHAY PRECISION GROUP INC COM
VPL	VANGUARD INTL EQUITY INDEX FDS FTSE PACIFIC ETF
VPU	VANGUARD WORLD FDS UTILITIES ETF
VPV	INVESCO PA VALUE MUN INC TR COM
VRA	VERA BRADLEY INC COM
VRAI	ETFIS SER TR I VIRTUS REAL AS
VRAY	VIEWRAY INC COM
VRCA	VERRICA PHARMACEUTICALS INC COM
VREX	VAREX IMAGING CORP COM

VRIG	INVESCO ACTIVELY MANAGED ETF VAR RATE INVT
VRM	VROOM INC COM
VRME	VERIFYME INC COM NEW
VRMEW	VERIFYME INC WT EX
VRNA	VERONA PHARMA PLC SPONSORED ADS
VRNS	VARONIS SYS INC COM
VRNT	VERINT SYS INC COM
VRP	INVESCO EXCHANGE-TRADED FD TR VAR RATE PFD
VRRM	VERRA MOBILITY CORP COM
VRS	VERSO CORP CL A
VRSK	VERISK ANALYTICS INC COM
VRSN	VERISIGN INC COM
VRT	VERTIV HOLDINGS CO COM CL A
VRT+	VERTIV HOLDINGS CO WT EXP 061223
VRTS	VIRTUS INVT PARTNERS INC COM
VRTU	VIRTUSA CORP COM
VRTV	VERITIV CORP COM
VRTX	VERTEX PHARMACEUTICALS INC COM
VSAT	VIASAT INC COM
VSDA	VICTORY PORTFOLIOS II VICSHS DV AC ETF
VSEC	VSE CORP COM
VSH	VISHAY INTERTECHNOLOGY INC COM
VSL	ETF SER SOLUTIONS VOLSHARES LARG
VSLR	VIVINT SOLAR INC COM
VSMV	VICTORY PORTFOLIOS II VICTORYSHS US
VSS	VANGUARD INTL EQUITY INDEX FDS FTSE SMCAP ETF
VST	VISTRA ENERGY CORP COM
VST+A	VISTRA ENERGY CORP WT EXP 020224
VSTM	VERASTEM INC COM
VSTO	VISTA OUTDOOR INC COM
VT	VANGUARD INTL EQUITY INDEX FDS TT WRLD ST ETF
VTA	INVESCO DYNAMIC CR OPPORTUNITI COM
VTC	VANGUARD SCOTTSDALE FDS TOTAL CORP BND
VTEB	VANGUARD MUN BD FDS TAX EXEMPT BD

VTGN	VISTAGEN THERAPEUTICS INC COM NEW
VTHR	VANGUARD SCOTTSDALE FDS VNG RUS3000IDX
VTI	VANGUARD INDEX FDS TOTAL STK MKT
VTIP	VANGUARD MALVERN FDS STRM INFPROIDX
VTN	INVESCO TR INVT GRADE NEW YORK COM
VTNR	VERTEX ENERGY INC COM
VTOL	BRISTOW GROUP INC COM
VTR	VENTAS INC COM
VTSI	VIRTRA INC COM PAR
VTV	VANGUARD INDEX FDS VALUE ETF
VTVT	VTV THERAPEUTICS INC CL A
VTWG	VANGUARD SCOTTSDALE FDS VNG RUS2000GRW
VTWO	VANGUARD SCOTTSDALE FDS VNG RUS2000IDX
VTWV	VANGUARD SCOTTSDALE FDS VNG RUS2000VAL
VUG	VANGUARD INDEX FDS GROWTH ETF
VUSE	ETF SER SOLUTIONS VIDENTCORE EQ FD
VUZI	VUZIX CORP COM NEW
VV	VANGUARD INDEX FDS LARGE CAP ETF
VVI	VIAD CORP COM NEW
VVNT	VIVINT SMART HOME INC COM CL A
VVNT+	VIVINT SMART HOME INC WT EXP 011725
VVPR	VIVOPOWER INTERNATIONAL PLC SHS
VVR	INVESCO SR INCOME TR COM
VVUS	VIVUS INC COM NEW
VVV	VALVOLINE INC COM
VWO	VANGUARD INTL EQUITY INDEX FDS FTSE EMR MKT ETF
VWOB	VANGUARD WHITEHALL FDS EMERG MKT BD ETF
VXF	VANGUARD INDEX FDS EXTEND MKT ETF
VXRT	VAXART INC COM NEW
VXUS	VANGUARD STAR FDS VG TL INTL STK F
VYGR	VOYAGER THERAPEUTICS INC COM
VYM	VANGUARD WHITEHALL FDS HIGH DIV YLD
VYMI	VANGUARD WHITEHALL FDS INTL HIGH ETF
VZ	VERIZON COMMUNICATIONS INC COM

W	WAYFAIR INC CL A
WAB	WABTEC COM
WABC	WESTAMERICA BANCORPORATION COM
WAFD	WASHINGTON FED INC COM
WAFU	WAH FU EDUCATION GROUP LIMITED SHS
WAL	WESTERN ALLIANCE BANCORP COM
WALA	WESTERN ALLIANCE BANCORP SUB DEBENTURS 56
WANT	DIREXION SHS ETF TR DLY CNMSR BULL
WASH	WASHINGTON TR BANCORP COM
WAT	WATERS CORP COM
WATT	ENERGOUS CORP COM
WB	WEIBO CORP SPONSORED ADR
WBA	WALGREENS BOOTS ALLIANCE INC COM
WBAI	500 COM LTD SPON ADR REP A
WBIE	ABSOLUTE SHS TR WBI BBR RNG 3000
WBIF	ABSOLUTE SHS TR WBI BBR VAL 3000
WBIG	ABSOLUTE SHS TR WBI BBR YLD 3000
WBII	ABSOLUTE SHS TR WBI BBR GBL INME
WBIL	ABSOLUTE SHS TR WBI BBR QTY 3000
WBIN	ABSOLUTE SHS TR WBI BULBEAR TR
WBIT	ABSOLUTE SHS TR WBI BULBEAR TR
WBIY	ABSOLUTE SHS TR WBI PWR FCTR ETF
WBK	WESTPAC BANKING CORP SPONSORED ADR
WBND	LEGG MASON ETF INVT TR WESTN ASET TTL
WBS	WEBSTER FINL CORP CONN COM
WBS-F	WEBSTER FINL CORP CONN DEP SHS RP PFD F
WBT	WELBILT INC COM
WCC	WESCO INTL INC COM
WCLD	WISDOMTREE TR CLOUD COMPUTNG
WCN	WASTE CONNECTIONS INC COM
WD	WALKER & DUNLOP INC COM
WDAY	WORKDAY INC CL A
WDC	WESTERN DIGITAL CORP. COM
WDFC	WD-40 CO COM

WDIV	SPDR INDEX SHS FDS S&P GLBDIV ETF
WDR	WADDELL & REED FINL INC CL A
WEA	WESTERN ASSET PREMIER BD FD SHS BEN INT
WEAT	TEUCRIUM COMMODITY TR WHEAT FD
WEBL	DIREXION SHS ETF TR DAILY DJ BULL
WEBS	DIREXION SHS ETF TR DAILY DJ BEAR
WEC	WEC ENERGY GROUP INC COM
WEI	WEIDAI LTD SPONS ADS
WELL	WELLTOWER INC COM
WEN	WENDYS CO COM
WERN	WERNER ENTERPRISES INC COM
WES	WESTERN MIDSTREAM PARTNERS LP COM UNIT LP INT
WETF	WISDOMTREE INVTS INC COM
WEX	WEX INC COM
WEYS	WEYCO GROUP INC COM
WF	WOORI FINL GROUP INC SPONSORED ADS
WFC	WELLS FARGO CO NEW COM
WFC-L	WELLS FARGO CO NEW PERP PFD CNV A
WFC-N	WELLS FARGO CO NEW DEP SHS REPSTG 1
WFC-O	WELLS FARGO CO NEW DEP1/1000PF CL A
WFC-P	WELLS FARGO CO NEW DEP1/1000PF CL A
WFC-Q	WELLS FARGO CO NEW DEP SHS 1/1000 A
WFC-R	WELLS FARGO CO NEW DEP 1/1000 PFD A
WFC-T	WELLS FARGO CO NEW DEP SHS 1/1000 T
WFC-V	WELLS FARGO CO NEW DEP PFD V 1/1000
WFC-W	WELLS FARGO CO NEW PFD SER W CL A
WFC-X	WELLS FARGO CO NEW PFD SER X CL A
WFC-Y	WELLS FARGO CO NEW 5.625 DP SH PF Y
WFC-Z	WELLS FARGO CO NEW DP PFD A SR Z
WGO	WINNEBAGO INDS INC COM
WH	WYNDHAM HOTELS & RESORTS INC COM
WHD	CACTUS INC CL A
WHF	WHITEHORSE FIN INC COM
WHFBZ	WHITEHORSE FIN INC 6.50% NT 25

WHG	WESTWOOD HLDGS GROUP INC COM
WHLM	WILHELMINA INTL INC COM NEW
WHLR	WHEELER REAL ESTATE INVT TR COM NEW
WHLRD	WHEELER REAL ESTATE INVT TR PFD CNV SER D
WHLRP	WHEELER REAL ESTATE INVT TR CV PFD SER B
WHR	WHIRLPOOL CORP COM
WIA	WESTERN ASST INFLTN LKD INM FD COM SH BEN INT
WIFI	BOINGO WIRELESS INC COM
WILC	G WILLI FOOD INTL LTD ORD
WIMI	WIMI HOLOGRAM CLOUD INC SPON ADS CL B
WINA	WINMARK CORP COM
WINC	LEGG MASON ETF INVT TR WESTN AST SHRT
WING	WINGSTOP INC COM
WINS	WINS FIN HLDGS INC ORD SHS
WINT	WINDTREE THERAPEUTICS INC COM
WIP	SPDR SER TR FTSE INT GVT ETF
WIRE	ENCORE WIRE CORP COM
WISA	SUMMIT WIRELESS TECH INC COM NEW
WIT	WIPRO LTD SPON ADR 1 SH
WIW	WESTERN AST INFL LKD OPP & INM COM
WIX	WIX COM LTD SHS
WIZ	ALPHA ARCHITECT ETF TR MERLYN AI BULL
WK	WORKIVA INC COM CL A
WKEY	WISEKEY INTERNATIONAL HLDS LTD SPON ADS
WKHS	WORKHORSE GROUP INC COM NEW
WLDN	WILLDAN GROUP INC COM
WLFC	WILLIS LEASE FINANCE CORP COM
WLK	WESTLAKE CHEM CORP COM
WLKP	WESTLAKE CHEM PARTNERS LP COM UNIT RP LP
WLL	WHITING PETE CORP NEW COM NEW
WLTW	WILLIS TOWERS WATSON PLC LTD SHS
WM	WASTE MGMT INC DEL COM
WMB	WILLIAMS COS INC COM
WMC	WESTERN ASSET MTG CAP CORP COM

WMG	WARNER MUSIC GROUP CORP COM CL A
WMGI	WRIGHT MED GROUP N V ORD SHS
WMK	WEIS MKTS INC COM
WMS	ADVANCED DRAIN SYS INC DEL COM
WMT	WALMART INC COM
WNC	WABASH NATL CORP COM
WNEB	WESTERN NEW ENG BANCORP INC COM
WNS	WNS HLDGS LTD SPON ADR
WOMN	IMPACT SHS FDS I TR YWCA WOMENS ETF
WOOD	ISHARES TR GL TIMB FORE ETF
WOR	WORTHINGTON INDS INC COM
WORK	SLACK TECHNOLOGIES INC COM CL A
WORX	SCWORX CORP COM
WOW	WIDEOPENWEST INC COM
WPC	WP CAREY INC COM
WPF=	FOLEY TRASIMENE ACQUISTN CORP UNIT
WPG	WASHINGTON PRIME GROUP NEW COM
WPG-H	WASHINGTON PRIME GROUP NEW REDEEMABLE PFD H
WPG-I	WASHINGTON PRIME GROUP NEW REDEEMABLE PFD I
WPM	WHEATON PRECIOUS METALS CORP COM
WPP	WPP PLC NEW ADR
WPRT	WESTPORT FUEL SYSTEMS INC COM NEW
WPS	ISHARES TR INTL DEVPPTY ETF
WPX	WPX ENERGY INC COM
WRB	BERKLEY W R CORP COM
WRB-B	BERKLEY W R CORP SUB DEB 53
WRB-C	BERKLEY W R CORP 5.9% SUB DB 56
WRB-D	BERKLEY W R CORP SUB DEB 56
WRB-E	BERKLEY W R CORP 5.70% SB DB 2058
WRB-F	BERKLEY W R CORP CAL SUB DEB 59
WRE	WASHINGTON REAL ESTATE INVT TR SH BEN INT
WRI	WEINGARTEN RLTY INVS SH BEN INT
WRK	WESTROCK CO COM
WRLD	WORLD ACCEP CORP DEL COM

WRN	WESTERN COPPER & GOLD CORP COM
WRTC	WRAP TECHNOLOGIES INC COM
WSBC	WESBANCO INC COM
WSBF	WATERSTONE FINL INC MD COM
WSC	WILLSCOT CORP COM
WSFS	WSFS FINL CORP COM
WSG	WANDA SPORTS GROUP CO LTD SPONSORED ADS
WSM	WILLIAMS SONOMA INC COM
WSO	WATSCO INC COM
WSO.B	WATSCO INC CL B CONV
WSR	WHITESTONE REIT COM
WST	WEST PHARMACEUTICAL SVSC INC COM
WSTG	WAYSIDE TECHNOLOGY GROUP INC COM
WSTL	WESTELL TECHNOLOGIES INC CL A NEW
WTBA	WEST BANCORPORATION INC CAP STK
WTER	ALKALINE WTR CO INC COM NEW
WTFC	WINTRUST FINL CORP COM
WTFCM	WINTRUST FINL CORP PFD-D FIX/FLT
WTFCP	WINTRUST FINL CORP 6.875 DP SH PF E
WTI	W & T OFFSHORE INC COM
WTM	WHITE MTNS INS GROUP LTD COM
WTMF	WISDOMTREE TR FUTRE STRAT FD
WTRE	WATFORD HOLDINGS LTD SHS
WTREP	WATFORD HOLDINGS LTD 8.5% CUM PFD
WTRG	ESSENTIAL UTILS INC COM
WTRH	WAITR HLDGS INC COM
WTRU	ESSENTIAL UTILS INC UNIT EX 043022
WTS	WATTS WATER TECHNOLOGIES INC CL A
WTT	WIRELESS TELECOM GROUP INC COM
WTTR	SELECT ENERGY SVCS INC CL A COM
WU	WESTERN UN CO COM
WUBA	58 COM INC SPON ADR REP A
WVE	WAVE LIFE SCIENCES LTD SHS
WVFC	WVS FINL CORP COM

WVVI	WILLAMETTE VY VINEYARD INC COM
WVVIP	WILLAMETTE VY VINEYARD INC RED PFD SER A
WW	WW INTL INC COM
WWD	WOODWARD INC COM
WWE	WORLD WRESTLING ENTMT INC CL A
WWJD	NORTHERN LTS FD TR IV INTRNTINL ESG
WWR	WESTWATER RES INC COM NEW
WWW	WOLVERINE WORLD WIDE INC COM
WY	WEYERHAEUSER CO MTN BE COM NEW
WYND	WYNDHAM DESTINATIONS INC COM
WYNN	WYNN RESORTS LTD COM
WYY	WIDEPOINT CORP COM
X	UNITED STATES STL CORP NEW COM
XAIR	BEYOND AIR INC COM
XAN	EXANTAS CAP CORP COM NEW
XAN-C	EXANTAS CAP CORP 8.625% CUM PFD C
XAR	SPDR SER TR AEROSPACE DEF
XBI	SPDR SER TR S&P BIOTECH
XBIO	XENETIC BIOSCIENCES INC COM
XBIOW	XENETIC BIOSCIENCES INC WT EXP 071924
XBIT	XBIOTECH INC COM
XBUY	AMPLIFY ETF TR INTL ONLINE
XCEM	COLUMBIA ETF TR II EM CORE EX ETF
XCOM	PROSHARES TR ULTRA COMM SER
XCUR	EXICURE INC COM
XDIV	METAURUS EQUITY COMPONENT TR US EQT EX 2027
XEC	CIMAREX ENERGY CO COM
XEL	XCEL ENERGY INC COM
XELA	EXELA TECHNOLOGIES INC COM
XELB	XCEL BRANDS INC COM NEW
XENE	XENON PHARMACEUTICALS INC COM
XENT	INTERSECT ENT INC COM
XERS	XERIS PHARMACEUTICALS INC COM
XES	SPDR SER TR OILGAS EQUIP

XFLT	XAI OCTAGON FLOATNG RATE ALTER COM
XFOR	X4 PHARMACEUTICALS INC COM
XGN	EXAGEN INC COM
XHB	SPDR SER TR S&P HOMEBUILD
XHE	SPDR SER TR HLTH CR EQUIP
XHR	XENIA HOTELS & RESORTS INC COM
XHS	SPDR SER TR HLTH CARE SVCS
XIN	XINYUAN REAL ESTATE CO LTD SPONS ADR
XITK	SPDR SER TR FACTST INV ETF
XLB	SELECT SECTOR SPDR TR SBI MATERIALS
XLC	SELECT SECTOR SPDR TR COMMUNICATION
XLE	SELECT SECTOR SPDR TR ENERGY
XLF	SELECT SECTOR SPDR TR SBI INT-FINL
XLG	INVESCO EXCHANGE TRADED FD TR S&P 500 TOP 50
XLI	SELECT SECTOR SPDR TR SBI INT-INDS
XLK	SELECT SECTOR SPDR TR TECHNOLOGY
XLNX	XILINX INC COM
XLP	SELECT SECTOR SPDR TR SBI CONS STPLS
XLRE	SELECT SECTOR SPDR TR RL EST SEL SEC
XLRN	ACCELERON PHARMA INC COM
XLSR	SSGA ACTIVE TR SPDR SSGA US SCT
XLU	SELECT SECTOR SPDR TR SBI INT-UTILS
XLV	SELECT SECTOR SPDR TR SBI HEALTHCARE
XLY	SELECT SECTOR SPDR TR SBI CONS DISCR
XME	SPDR SER TR S&P METALS MNG
XMHQ	INVESCO EXCHANGE TRADED FD TR S&P MDPCP QUALITY
XMLV	INVESCO EXCH TRADED FD TR II S&P MIDCP LOW
XMMO	INVESCO EXCHANGE TRADED FD TR S&P MDPCP MOMNTUM
XMVM	INVESCO EXCHANGE TRADED FD TR S&P MDPCP VLU MNT
XNCR	XENCOR INC COM
XNET	XUNLEI LTD SPONSORED ADR
XNTK	SPDR SER TR NYSE TECH ETF
XOG	EXTRACTION OIL & GAS INC COM
XOM	EXXON MOBIL CORP COM

XOMA	XOMA CORP DEL COM NEW
XONE	EXONE CO COM
XOP	SPDR SER TR S&P OILGAS EXP
XOUT	GRANITESHARES ETF TR XOUT US LRG CP
XP	XP INC CL A
XPEL	XPEL INC COM
XPER	XPERI HOLDING CORP COM
XPH	SPDR SER TR S&P PHARMAC
XPL	SOLITARIO ZINC CORP COM
XPO	XPO LOGISTICS INC COM
XPP	PROSHARES TR ULT FTSE CHIN 50
XRAY	DENTSPLY SIRONA INC COM
XRF	CHINA RAPID FIN LTD SPNSORD ADS NEW
XRLV	INVESCO EXCH TRADED FD TR II S&P 500 EX RAT
XRT	SPDR SER TR S&P RETAIL ETF
XRX	XEROX HOLDINGS CORP COM NEW
XSD	SPDR SER TR S&P SEMICNDCTR
XSLV	INVESCO EXCHANGE-TRADED FD TR S&P SMLCP LOW
XSMO	INVESCO EXCHANGE TRADED FD TR S&P SMLCP MOMENT
XSOE	WISDOMTREE TR EM EX ST-OWNED
XSPA	XPRESSPA GROUP INC COM
XSVM	INVESCO EXCHANGE TRADED FD TR S&P SMCP VLU MNT
XSW	SPDR SER TR COMP SOFTWARE
XT	ISHARES TR EXPONENTIAL TECH
XTL	SPDR SER TR S&P TELECOM
XTLB	XTL BIOPHARMACEUTICALS LTD SPONSORED ADR NE
XTN	SPDR SER TR S&P TRANSN ETF
XTNT	XTANT MED HLDGS INC COM NEW
XWEB	SPDR SER TR S&P INTERNET ETF
XXII	22ND CENTY GROUP INC COM
XYF	X FINANCIAL SPONSORED ADS
XYL	XYLEM INC COM
Y	ALLEGHANY CORP DEL COM
YANG	DIREXION SHS ETF TR DAILY FTSE CHINA

YCBD	CBDMD INC COM
YCBD-A	CBDMD INC 8% SER A CUM PFD
YCL	PROSHARES TR II ULTRA YEN NEW
YCOM	PROSHARES TR ULTRSHORT COMM
YCS	PROSHARES TR II ULTRASHORT YEN N
YELP	YELP INC CL A
YETI	YETI HLDGS INC COM
YEXT	YEXT INC COM
YGRN	BANK OF MONTREAL BIG OIL IDX IN
YGYI	YOUNGEVITY INTL INC COM NEW
YGYIP	YOUNGEVITY INTL INC 9.75% SER D PFD
YI	111 INC ADS
YIN	YINTECH INVT HLDGS LTD SPONSORED ADR
YINN	DIREXION SHS ETF TR DL FTSE BLL 3X
YJ	YUNJI INC ADS RP CL A
YLCO	GLOBAL X FDS X YIELDCO RENE
YLD	PRINCIPAL EXCHANGE-TRADED FDS ACTV INCM ETF
YLDE	LEGG MASON ETF INVT TR CLEARBRIDGE DI
YMAB	Y-MABS THERAPEUTICS INC COM
YNDX	YANDEX N V SHS CLASS A
YOLO	ADVISORSHARES TR PURE CANNABIS
YORW	YORK WTR CO COM
YPF	YPF SOCIEDAD ANONIMA SPON ADR CL D
YRCW	YRC WORLDWIDE INC COM PAR \$.01
YRD	YIREN DIGITAL LTD SPONSORED ADS
YTEN	YIELD10 BIOSCIENCE INC COM
YTRA	YATRA ONLINE INC ORD SHS
YUM	YUM BRANDS INC COM
YUMC	YUM CHINA HLDGS INC COM
YVR	LIQUID MEDIA GROUP LTD NEW COM NEW
YXI	PROSHARES TR SHT FTSE CHIN 50
YY	JOYY INC ADS REPSTG COM A
YYY	AMPLIFY ETF TR HIGH INCOME
Z	ZILLOW GROUP INC CL C CAP STK

ZAGG	ZAGG INC COM
ZBH	ZIMMER BIOMET HOLDINGS INC COM
ZBRA	ZEBRA TECHNOLOGIES CORPORATION CL A
ZCAN	SPDR INDEX SHS FDS SOLACTIVE CANADA
ZCMD	ZHONGCHAO INC CL A
ZDEU	SPDR INDEX SHS FDS SOLACTIVE GERMNY
ZDGE	ZEDGE INC CL B
ZEAL	ZEALAND PHARMA A S SPONSORED ADR
ZEN	ZENDESK INC COM
ZEUS	OLYMPIC STEEL INC COM
ZG	ZILLOW GROUP INC CL A
ZGBR	SPDR INDEX SHS FDS SOLACTIVE UK ETF
ZGNX	ZOGENIX INC COM NEW
ZGYH	YUNHONG INTL CL A SHS
ZGYHR	YUNHONG INTL RT
ZGYHU	YUNHONG INTL UNIT EX
ZGYHW	YUNHONG INTL WT EXP 013127
ZHOK	SPDR INDEX SHS FDS SOLACTV HK ETF
ZI	ZOOMINFO TECHNOLOGIES INC COM CL A
ZIG	ETF SER SOLUTIONS ACQUIRERS FD
ZION	ZIONS BANCORPORATION N A COM
ZIONL	ZIONS BANCORPORATION N A SUB NT FX/FLT 28
ZIONN	ZIONS BANCORPORATION N A PFD 1/40 PRP H
ZIONO	ZIONS BANCORPORATION N A DEP RP PFD G
ZIONP	ZIONS BANCORPORATION N A PFD 1/40 SER A
ZIOP	ZIOPHARM ONCOLOGY INC COM
ZIV	CREDIT SUISSE AG NASSAU BRH INVRS VIX MDTERM
ZIXI	ZIX CORP COM
ZJPN	SPDR INDEX SHS FDS SOLACTIVE JAPAN
ZKIN	ZK INTL GROUP CO LTD SHS
ZLAB	ZAI LAB LTD ADR
ZM	ZOOM VIDEO COMMUNICATIONS INC CL A
ZMLP	DIREXION SHS ETF TR ZACKS MLP HG INC
ZN	ZION OIL & GAS INC COM

ZNGA	ZYNGA INC CL A
ZNH	CHINA SOUTHN AIRLS LTD SPON ADR CL H
ZNTL	ZENTALIS PHARMACEUTICALS INC COM
ZNWAA	ZION OIL & GAS INC WT EXP 013121
ZOM	ZOMEDICA PHARMACEUTICALS CORP COM
ZROZ	PIMCO ETF TR 25YR+ ZERO U S
ZS	ZSCALER INC COM
ZSAN	ZOSANO PHARMA CORP COM NEW
ZSL	PROSHARES TR II PSHS ULSSLVR NEW
ZTO	ZTO EXPRESS CAYMAN INC SPONSORED ADS A
ZTR	VIRTUS TOTAL RETURN FUND INC COM
ZTS	ZOETIS INC CL A
ZUMZ	ZUMIEZ INC COM
ZUO	ZUORA INC COM CL A
ZVO	ZOVIO INC COM
ZYME	ZYMEWORKS INC COM
ZYNE	ZYNERBA PHARMACEUTICALS INC COM
ZYXI	ZYNEX INC COM