

BANK OF MONTREAL /CAN/

Form 424B2

January 22, 2018

Registration Statement No. 333-217200

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Pricing Supplement dated January 22, 2018 to the Prospectus dated April 27, 2017 and the Prospectus Supplement dated April 27, 2017

Senior Medium-Term Notes, Series D

US\$50,000,000

BMO REX MicroSectors™ FANG+™ Index 3X Leveraged Exchange Traded Notes due January 8, 2038*

This pricing supplement relates to the BMO REX MicroSectors™ FANG+™ Index 3X Leveraged Exchange Traded Notes due January 8, 2038 (the “notes”) that Bank of Montreal may issue from time to time. The return on the notes is linked to a three times leveraged participation in the daily performance of the NYSE FANG+™ Index, total return (the “Index”), as described in this pricing supplement. The Index is an equal-dollar weighted index designed to represent a segment of the technology and consumer discretionary sectors consisting of highly-traded growth stocks of technology and tech-enabled companies. The Index currently has 10 constituents. The notes are unsecured and unsubordinated obligations of Bank of Montreal. The notes do not guarantee any return of principal at maturity, call or upon early redemption, and do not pay interest. Instead, you will receive a cash payment in U.S. dollars at maturity, call or redemption based on a three times leveraged participation in the performance of the Index, less a Daily Investor Fee, the Daily Financing Charge and, if upon early redemption, the redemption fee amount. You may lose some or all of your principal.

The notes are intended to be daily trading tools for sophisticated investors to manage daily trading risks as part of an overall diversified portfolio. They are designed to achieve their stated investment objectives on a daily basis. The notes are designed to reflect a 3x leveraged long exposure to the performance of the Index on a daily basis (before taking into account the negative effect of the Daily Investor Fee and the Daily Financing Charge, and the Redemption Fee Amount, if applicable), but, due to leverage, the returns on the notes over different periods of time can, and most likely will, differ significantly from three times the return on a direct long investment in the Index. Their performance over longer periods of time can differ significantly from their stated daily objectives. The notes are riskier than securities that have intermediate- or long-term investment objectives, and may not be suitable for investors who plan to hold them for a period other than one day or who have a “buy and hold” strategy. Also, the Index is potentially volatile as it includes only a small number of constituents (10, as of the date of this pricing supplement); any Index volatility would be magnified by the leverage. Accordingly, the notes should be purchased only by knowledgeable investors who understand the potential consequences of investing in the Index and of seeking daily compounding leveraged investment results. Investors should actively and continuously monitor their investments in the notes, even intra-day. It is possible that you will suffer significant losses in the notes even if the long-term performance of the Index is positive. You should proceed with extreme caution in considering an investment in the notes. Any payment on the notes is subject to the credit risk of Bank of Montreal.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of the notes or passed upon the accuracy or the adequacy of this pricing supplement, the accompanying prospectus supplement and prospectus. Any representation to the contrary is a criminal offense.

Investing in the notes involves risks, including those described in the “Risk Factors” section beginning on page PS-12 of this pricing supplement, and the “Risk Factors” sections beginning on page S-1 of the prospectus supplement and on page 7 of the prospectus.

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The notes will be our unsecured obligations and will not be savings accounts or deposits that are insured by the United States Federal Deposit Insurance Corporation, the Deposit Insurance Fund, the Canada Deposit Insurance Corporation or any other governmental agency or instrumentality or other entity.

The principal terms of the notes are as follows:

Issuer:	Bank of Montreal
Principal Amount:	\$50 per note
Initial Trade Date:	January 22, 2018
Initial Issue Date:	January 25, 2018
Term:	20 years, subject to your right to require us to redeem your notes on any Redemption Date, or our call right, each as described below.

BMO CAPITAL MARKETS

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Maturity Date*: January 8, 2038, which is scheduled to be the third Business Day following the last Index Business Day in the Final Measurement Period. The Maturity Date may be extended at our option for up to two additional 5-year periods, as described herein. The Maturity Date is also subject to adjustment as described herein and under “Specific Terms of the Notes — Market Disruption Events.”

Listing: The notes are listed, subject to official notice of issuance, on the NYSE Arca, Inc. (the “NYSE”) under the ticker symbol listed below. The CUSIP and ISIN numbers, and the Intraday Indicative Value ticker symbol, for the notes are:

Ticker Symbol	CUSIP Number	ISIN Number	Intraday Indicative Value Symbol
FNGU	063679872	US0636798722	FNGU.IV

If an active secondary market develops, we expect that investors will purchase and sell the notes primarily in this secondary market.

Index: The return on the notes is linked to a three times leveraged participation in the performance of the NYSE FANG+™ Index, total return, compounded daily, minus the applicable fees. The Index is an equal-dollar weighted index designed to represent a segment of the technology and consumer discretionary sectors consisting of highly-traded growth stocks of technology and tech-enabled companies. The Index currently has 10 constituents.

Payment at Maturity/Cash Settlement Amount: If you hold your notes to maturity, you will receive a cash payment in U.S. dollars at maturity in an amount equal to the arithmetic mean of the closing Indicative Note Values on each Index Business Day in the Final Measurement Period. This amount will not be less than zero.

Indicative Note Value: On the Initial Trade Date, the Indicative Note Value of each note will equal the Principal Amount of \$50. On any subsequent Exchange Business Day until maturity, call or redemption of the notes, the closing Indicative Note Value will equal (a) the Long Index Amount on such Exchange Business Day minus (b) the Financing Level on such Exchange Business Day; provided that if such calculation results in a value equal to or less than \$0, the closing Indicative Note Value will be \$0. If the closing Indicative Note Value is \$0 on any Exchange Business Day or the Intraday Indicative Value at any time during an Exchange Business Day is equal to or less than \$0, then the Indicative Note Value on all future Exchange Business Days will be \$0. If the Indicative Note Value is zero, the Cash Settlement Amount will be zero.

Long Index Amount: On the Initial Trade Date, the Long Index Amount will equal the Daily Leverage Factor times the principal amount, which equals \$150. On any subsequent Exchange Business Day until maturity, call or redemption of the notes, the Long Index Amount will equal the product of (a) the closing Indicative Note Value on the immediately preceding Exchange Business Day times (b) the Daily Leverage Factor times (c) the Index Performance Factor on such Exchange Business Day.

Financing Level: On the Initial Trade Date, the Financing Level will equal the Long Index Amount minus the principal amount on the Initial Trade Date, which equals \$100. On any subsequent Exchange Business Day until maturity, call or redemption of the notes, the Financing Level will equal (a) the closing Indicative Note Value on the immediately preceding Exchange Business Day times the Daily Financing Factor plus (b) the Daily Financing Charge on such Exchange Business Day plus (c) the Daily Investor Fee on such Exchange Business Day.

Daily Leverage 3
Factor:

Daily Financing 2
Factor:

(cover continued on next page)

Index
Performance
Factor:

On the Initial Trade Date, the Index Performance Factor will be 1. On any subsequent Exchange Business Day until maturity, call or redemption of the notes, the Index Performance Factor will equal (a) the Index Closing Level on such Exchange Business Day (or, if such day is not an Index Business Day, the Index Closing Level on the immediately preceding Index Business Day) divided by (b) the Index Closing Level on the immediately preceding Index Business Day, as determined by the Calculation Agent. If a Market Disruption Event occurs or is continuing on any Index Business Day, the Calculation Agent will determine the Index Performance Factor for the notes on each such Index Business Day using an appropriate closing level of the Index for each such Index Business Day taking into account the nature and duration of such Market Disruption Event. Furthermore, if a Market Disruption Event occurs and is continuing with respect to the notes on any Index Business Day or occurred or was continuing on the immediately preceding Index Business Day, the calculation of the Index Performance Factor will be modified so that the applicable leveraged exposure does not reset until the first Index Business Day on which no Market Disruption Event with respect to the notes is continuing.

Daily
Financing
Charge:

On the Initial Trade Date, the Daily Financing Charge will be \$0. On any subsequent Exchange Business Day until maturity, call or redemption of the notes, the Daily Financing Charge will equal the product of (a) the closing Indicative Note Value on the immediately preceding Exchange Business Day times (b) the Daily Financing Factor times (c) the Daily Financing Rate divided by (d) 365 times (e) the number of calendar days since the last Exchange Business Day. Because the Daily Financing Charge is calculated and added to the Financing Level on a daily basis, the net effect of the Daily Financing Charge accrues over time.

Daily
Financing
Rate:

The Daily Financing Rate will equal (a) the most recent US Federal Funds Effective Rate plus (b) 1.00%. The US Federal Funds Effective Rate is an interest rate that represents the rate at which U.S. banks may lend reserve balances to other depository institutions overnight, on an uncollateralized basis. The rate is released by the NY Federal Reserve each day at approximately 9:00 a.m. EST for the prior business day and published on Bloomberg L.P. (including any successor, "Bloomberg") page "FEDL01 Index".

Daily Investor
Fee:

On the Initial Trade Date, the Daily Investor Fee will be \$0. On any subsequent Exchange Business Day that is a date of determination until maturity, call or redemption of the notes, the Daily Investor Fee will equal the product of (a) the Indicative Note Value at the close of the immediately preceding Exchange Business Day times (b) the Fee Rate divided by (c) 365 times (d) the number of calendar days since the last Exchange Business Day. Because the Daily Investor Fee is calculated as part of the Financing Level through which it is subtracted from the closing Indicative Note Value on a daily basis, the net effect of the Daily Investor Fee accumulates over time and is subtracted at a rate per year equal to the Fee Rate specified below. Because the net effect of the Daily Investor Fee is a fixed percentage of the value of the notes, the aggregate effect of the Daily Investor Fee will increase or decrease in a manner directly proportional to the value of the notes and the amount of notes that are held.

Fee Rate:

0.95% per annum

Call Right:

On any Index Business Day on or after July 25, 2018 through and including the Maturity Date (the "Call Settlement Date"), we may redeem all, but not less than all, of the issued and outstanding notes. To exercise our call right, we must provide notice to the holders not less than 14 calendar days prior to the Call Settlement Date. If we exercise our Call Right, you will receive a cash payment equal to the Call Settlement Amount, which will be paid on the Call Settlement Date.

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Call Settlement Amount: If we exercise our Call Right, for each note, you will receive on the Call Settlement Date a cash payment equal to the arithmetic mean of the closing Indicative Note Values on each Index Business Day in the Call Measurement Period.

(cover continued on next page)

Early Redemption:	Subject to your compliance with the procedures described under “Specific Terms of the Notes — Early Redemption at the Option of the Holders,” upon early redemption, you will receive per note a cash payment on the relevant Redemption Date equal to (a) Indicative Note Value as of the Redemption Measurement Date minus (b) the Redemption Fee Amount. We refer to this cash payment as the “Redemption Amount.”
Redemption Fee Amount:	As of any Redemption Date, an amount per note in cash equal to the product of (a) 0.125% and (b) the Indicative Note Value.
Initial Index Level:	2,466.45, which was the Index Closing Level on the Initial Trade Date.
Index Closing Level:	On any Index Business Day, the closing level of the Index as reported on Bloomberg under the symbol “NYFANGT <Index>”, subject to adjustment as described under “Specific Terms of the Notes — Market Disruption Events.”
Intraday Indicative Value:	The Intraday Indicative Value of the notes at any time during an Exchange Business Day will equal (a) the Intraday Long Index Amount minus (b) the Financing Level; provided that if such calculation results in a value equal to or less than \$0, the Intraday Indicative Value will be \$0. If the Intraday Indicative Value is equal to or less than \$0 at any time on any Exchange Business Day, then both the Intraday Indicative Value and the closing Indicative Note Value on that Exchange Business Day, and on all future Exchange Business Days, will be \$0.
Intraday Long Index Amount:	The Intraday Long Index Amount will equal the product of (a) the closing Indicative Note Value on the immediately preceding Exchange Business Day times (b) the Daily Leverage Factor times (c) the Intraday Index Performance Factor.
Intraday Index Performance Factor:	The Intraday Index Performance Factor will equal (a) the most recently published level of the Index divided by (b) the Index Closing Level on the immediately preceding Index Business Day.
Calculation Agent:	BMO Capital Markets Corp.

The notes are designed to reflect a 3x leveraged long exposure to the performance of the Index on a daily basis, but the returns on the notes over different periods of time can, and most likely will, differ significantly from three times the return on a direct long investment in the Index. Also, the Index is potentially volatile as it includes only a small number of constituents (10, as of the date of this pricing supplement); any Index volatility would be magnified by the leverage. Accordingly, the notes should be purchased only by knowledgeable investors who understand the potential consequences of investing in the Index and of seeking daily compounding leveraged investment results. Investors should actively and continuously monitor their investments in the notes, even intra-day.

Because your investment in the notes is three times leveraged, any decrease in the level of the Index will result in a significantly greater decrease in the Cash Settlement Amount, Call Settlement Amount or Redemption Amount, as applicable, (before taking into account the Daily Investor Fee and the Daily Financing Charge) and you may receive less than your original investment in the notes at maturity, call or upon redemption. Due to leverage, the notes are very sensitive to changes in the level of the Index and the path of such changes. Moreover, because the Daily Investor Fee and Daily Financing Charge may substantially reduce the amount of your return at maturity, call or upon redemption, the level of the Index must increase significantly in order for you to receive at least the principal amount of your investment at maturity, call or upon redemption. If the level of the Index decreases or does not increase sufficiently to

offset the negative effect of the Daily Investor Fee and Daily Financing Charge, you will receive less than the principal amount of your investment at maturity, call or upon redemption.

On the Initial Trade Date, we sold \$50,000,000 aggregate principal amount of the notes to BMO Capital Markets Corp. (“BMOCM”) at 100% of their stated Principal Amount. After the Initial Trade Date, we may sell from time to time a portion of the notes at market prices prevailing at the time of sale, at prices related to market prices or at negotiated prices. We will receive proceeds equal to 100% of the price at which the notes are sold to the public less any commissions paid to BMOCM. BMOCM may charge normal commissions in connection with any purchase or sale of the notes. Please see “Supplemental Plan of Distribution (Conflicts of Interest)” for more information.

We may use this pricing supplement in the initial sale of the notes. In addition, BMOCM or another of our affiliates may use this pricing supplement in market-making transactions in the notes after their initial sale. Unless we or our agent informs you otherwise in the confirmation of sale or in a notice delivered at the same time as the confirmation of sale, this pricing supplement is being used in a market-making transaction.

TABLE OF CONTENTS

Page

Pricing Supplement

Summary	PS-1
Risk Factors	PS-12
Hypothetical Examples	PS-27
Specific Terms of the Notes	PS-34
Intraday Value of the Index and the Notes	PS-43
The Index	PS-46
Use of Proceeds and Hedging	PS-53
Supplemental Tax Considerations	PS-54
Employee Retirement Income Security Act	PS-59
Supplemental Plan of Distribution (Conflicts of Interest)	PS-62
Validity of the Notes	PS-63
Notice of Early Redemption	A-1
Broker's Confirmation of Redemption	B-1

Prospectus Supplement

About This Prospectus Supplement	S-1
Risk Factors	S-1
Use of Proceeds	S-9
Description of the Notes We May Offer	S-9
Certain Income Tax Consequences	S-35
Supplemental Plan of Distribution (Conflicts of Interest)	S-36
Documents Filed as Part of the Registration Statement	S-38

Prospectus

About This Prospectus	1
Presentation of Financial Information	3
Caution Regarding Forward-Looking Statements	4
Where You Can Find More Information	5
Incorporation of Certain Information by Reference	6
Risk Factors	8
Bank of Montreal	9
Consolidated Capitalization of the Bank	12
Consolidated Earnings Ratios	13
Comparative Per Share Market Price	14
Use of Proceeds	15
Description of Common Shares and Preferred Shares	16
Description of Debt Securities We May Offer	25
United States Federal Income Taxation	43
Canadian Taxation	56
Employee Retirement Income Security Act	59
Plan of Distribution (Conflicts of Interest)	61
Limitations on Enforcement of U.S. Laws Against the Bank, Our Management and Others	64
Validity of the Securities	64
Experts	65

Other Expenses of Issuance and Distribution

65

i

You should read this pricing supplement together with the prospectus supplement dated April 27, 2017 and the prospectus dated April 27, 2017. This pricing supplement, together with the documents listed below, contains the terms of the notes and supersedes all other prior or contemporaneous oral statements as well as any other written materials including preliminary or indicative pricing terms, correspondence, trade ideas, structures for implementation, sample structures, fact sheets, brochures or other educational materials of ours or the agent. We urge you to consult your investment, legal, tax, accounting and other advisers before you invest in the notes. The contents of any website referred to in this pricing supplement are not incorporated by reference in this pricing supplement, the accompanying prospectus supplement or prospectus.

You may access these documents on the SEC website at www.sec.gov as follows (or if such address has changed, by reviewing our filings for the relevant date on the SEC website):

Prospectus supplement dated April 27, 2017:

<https://www.sec.gov/Archives/edgar/data/927971/000119312517142764/d381374d424b5.htm>

Prospectus dated April 27, 2017:

<https://www.sec.gov/Archives/edgar/data/927971/000119312517142728/d254784d424b2.htm>

Our Central Index Key, or CIK, on the SEC website is 927971. As used in this pricing supplement, “we,” “us” or “our” refers to Bank of Montreal.

The notes described in this pricing supplement are not appropriate for all investors, and involve important legal and tax consequences and investment risks, which should be discussed with your professional advisers. You should be aware that the regulations of the Financial Industry Regulatory Authority, Inc., or FINRA, and the laws of certain jurisdictions (including regulations and laws that require brokers to ensure that investments are suitable for their customers) may limit the availability of the notes. This pricing supplement and the accompanying prospectus supplement and prospectus do not constitute an offer to sell or a solicitation of an offer to buy the notes in any circumstances in which such offer or solicitation is unlawful.

SUMMARY

The following is a summary of terms of the notes, as well as a discussion of factors you should consider before purchasing the notes. The information in this section is qualified in its entirety by the more detailed explanations set forth elsewhere in this pricing supplement and in the accompanying prospectus supplement and accompanying prospectus.

What are the notes?

The notes are senior unsecured medium-term notes issued by Bank of Montreal with a return linked to a three times leveraged participation in the performance of the Index, compounded daily, less a Daily Investor Fee, the Daily Financing Charge and, if applicable, the Redemption Fee Amount. The Index is an equal-dollar weighted index designed to represent a segment of the technology and consumer discretionary sectors consisting of highly-traded growth stocks of technology and tech-enabled companies. The Index has 10 constituents as of the date of this pricing supplement. The Index is a total return index. For a detailed description of the Index, see “The Index.”

We refer to the securities included in the Index as the “Index constituents” and the issuers of those securities as the “constituent issuers.”

The notes do not guarantee any return of principal at, or prior to, maturity or call, or upon early redemption. Instead, at maturity, you will receive a cash payment equal to the arithmetic mean of the closing Indicative Note Values on each Index Business Day in the Final Measurement Period. We refer to this cash payment as the “Cash Settlement Amount.” This amount will not be less than zero. You may lose some or all of your investment at maturity. Because the Daily Investor Fee and the Daily Financing Charge reduce your final payment, the level of the Index will need to have increased over the term of the notes by an amount, after giving effect to the daily leverage and the compounding effect thereof, sufficient to offset the decrease in principal amount represented by the Daily Investor Fee and the Daily Financing Charge in order for you to receive an aggregate amount over the term of the notes equal to at least the principal amount of your notes. Due to leverage, the notes are very sensitive to changes in the level of the Index and the path of such changes. If the increase in the level of the Index, measured as a component of the closing Indicative Note Value during the Final Measurement Period, is insufficient to offset the cumulative negative effect of the Daily Investor Fee and the Daily Financing Charge, you will lose some or all of your investment at maturity. This loss may occur even if the Index Closing Level at any time during the Final Measurement Period is greater than the Index Closing Level on the Initial Trade Date. See “Risk Factors—The notes are not suitable for all investors. In particular, the notes should be purchased only by sophisticated investors who do not intend to hold the notes as a buy and hold investment, who are willing to actively and continuously monitor their investment and who understand the consequences of investing in and of seeking daily resetting leveraged investment results.” In addition, if the closing Indicative Note Value or the Intraday Indicative Value of the notes is equal to or less than \$0, then the notes will be permanently worth \$0 and the Cash Settlement Amount will be zero (a total loss of value).

The notes seek to approximate the returns that might be available to investors through a leveraged “long” investment in the Index (for example, through a leveraged position in the Index constituents). A leveraged “long” investment strategy involves the practice of borrowing money from a third party lender at an agreed-upon rate of interest and using the borrowed money together with investor capital to purchase assets. A leveraged long investment strategy terminates with the sale of the underlying assets and repayment of the third party lender, provided that the proceeds of the sale of underlying assets are sufficient to repay the loan. By implementing a leveraged strategy, the leveraged investor seeks to benefit from an anticipated increase in the value of the assets between the purchase and sale of such assets, and assumes that the increase in value of the underlying assets will exceed the cumulative interest due to the third party lender over the term of the loan. A leveraged investor will incur a loss if the value of the assets does not increase sufficiently to cover payment of the interest charges.

PS-1

In order to seek to replicate a leveraged “long” investment strategy in the Index, the terms of the notes provide that, on each Exchange Business Day, an amount equal to the closing Indicative Note Value on the immediately preceding Exchange Business Day (“\$x”) is leveraged through a notional loan of an amount equal to the Financing Level on the immediately preceding Exchange Business Day (“\$y”). Investors are thus considered to have notionally borrowed \$y, which, together with the initial \$x investment, represents a notional investment of $x + y$ (represented by the Long Index Amount) in the Index on the Exchange Business Day. During the term of the notes, the leveraged portion of the notional investment, \$y (represented by the Financing Level), accrues a Daily Financing Charge for the benefit of the Issuer, the cumulative effect of which is reflected, together with the applicable Daily Investor Fee, in the applicable Financing Level. The Daily Financing Charge seeks to represent the amount of interest, calculated by reference to the applicable Financing Rate, that leveraged investors might incur if they sought to borrow funds at a similar rate from a third party lender. A portion of the Financing Level also reflects the incremental cost attributable to the Daily Investor Fee. Upon maturity, call or redemption, the investment in the Index is notionally sold at the then current value of the Index, and the investor then notionally repays the Issuer an amount equal to the principal of the notional loan plus accrued interest and investor fees. The payment at maturity, call or redemption under the notes, therefore, generally represents the profit or loss that the investor would receive by applying a leveraged “long” investment strategy, after taking into account, and making assumptions for, the accrued financing charges that are commonly present in such leveraged “long” investment strategies, as well as applicable investor fees.

The notes provide a daily long leveraged exposure to the performance of the Index. The return on the notes is three times leveraged. Because the return is leveraged, if the Index level increases on any day the notes will increase by three times the daily return of the Index (before taking into account the Daily Investor Fee, the Daily Financing charge and any Redemption Fee Amount). However, any decrease in the level of the Index will result in a significantly greater decrease in the Cash Settlement Amount, Call Settlement Amount or Redemption Amount, as applicable (before taking into account any the Daily Investor Fee, the Daily Financing Charge and any Redemption Fee Amount), and you may receive less than your original investment in the notes at maturity, call or upon redemption. Moreover, because the Daily Investor Fee, the Daily Financing Charge and any Redemption Fee Amount may substantially reduce the amount of your return at maturity, call or upon redemption, the level of the Index must increase significantly in order for you to receive at least the principal amount of your investment at maturity, call or upon redemption. If the level of the Index decreases or does not increase sufficiently to offset the cumulative negative effect of the Daily Investor Fee, the Daily Financing Charge and any Redemption Fee Amount, you will receive less than the principal amount of your investment at maturity, call or upon redemption.

The returns on the notes are path dependent. The notes are designed to reflect a leveraged exposure to the performance of the Index on a daily basis; their returns over different periods of time can, and most likely will, differ significantly from three times the performance of the Index over such other periods of time. The notes are very sensitive to changes in the level of the Index, and returns on the notes may be negatively affected in complex ways by the volatility of the Index on a daily or intraday basis. Also, the Index is potentially volatile as it includes only a small number of constituents (10, as of the date of this pricing supplement); any Index volatility would be magnified by the leverage. Accordingly, the notes should be purchased only by knowledgeable investors who understand the potential consequences of investing in the Index and of seeking daily compounding leveraged investment results. It is possible that you will suffer significant losses in the notes even if the long-term performance of the Index is flat or positive (before taking into account the negative effect of the Daily Investor Fee and the Daily Financing Charge, and the Redemption Fee Amount, if applicable). Investors should actively and continuously monitor their investments in the notes.

The Daily Investor Fee accrues at a rate of 0.95% per annum. Because the Daily Investor Fee is calculated as part of the Financing Level through which it is subtracted from the closing Indicative Note Value on a daily basis, the net effect of the Daily Investor Fee accumulates over time and is subtracted at a rate per year equal to the Fee Rate. Because the net effect of the Daily Investor Fee is a fixed percentage of the value of the notes, the aggregate effect of

the Daily Investor Fee will increase or decrease in a manner directly proportional to the value of the notes and the amount of notes that are held.

On the Initial Trade Date, the Index Performance Factor will be 1. On any subsequent Exchange Business Day until maturity, call or redemption of the notes, the Index Performance Factor will equal (a) the Index Closing Level on such Exchange Business Day (or, if such day is not an Index Business Day, the Index Closing Level on the immediately preceding Index Business Day) divided by (b) the Index Closing Level on the immediately preceding Index Business Day, as determined by the Calculation Agent. If a Market Disruption Event occurs or is continuing on any Index Business Day, the Calculation Agent will determine the Index Performance Factor for the notes on each such Index Business Day using an appropriate closing level of the Index for each such Index Business Day taking into account the nature and duration of such Market Disruption Event. Furthermore, if a Market Disruption Event occurs and is continuing with respect to the notes on any Index Business Day or occurred or was continuing on the immediately preceding Index Business Day, the calculation of the Index Performance Factor will be modified so that the applicable leveraged exposure does not reset until the first Index Business Day on which no Market Disruption Event with respect to the notes is continuing.

PS-2

Business Day” means a Monday, Tuesday, Wednesday, Thursday or Friday that is neither a legal holiday nor a day on which banking institutions are authorized or obligated by law or executive order to close in New York City or Toronto.

“Exchange Business Day” means any day on which the primary exchange or market for trading of the notes is scheduled to be open for trading.

“Index Business Day” means any day on which the Index Sponsor (as defined below) publishes the Index Closing Level.

The scheduled Maturity Date is January 8, 2038, which is the third Business Day following the last Index Business Day in the Final Measurement Period, subject to adjustment as described herein and under “Specific Terms of the Notes — Market Disruption Events.” The Maturity Date may be extended at our option for up to two additional five-year periods. We may only extend the scheduled Maturity Date for five years at a time. If we exercise our option to extend the maturity, we will notify The Depository Trust Company (“DTC”) (the holder of the global note for the notes) and the trustee at least 45 but not more than 60 calendar days prior to the then scheduled Maturity Date. We will provide that notice to DTC and the trustee in respect of each five-year extension of the scheduled Maturity Date.

Unlike ordinary debt securities, the notes do not guarantee any return of principal at maturity or call, or upon early redemption. The notes do not pay any interest.

For a further description of how your payment at maturity or call, or upon early redemption, will be calculated, see “Specific Terms of the Notes — Cash Settlement Amount at Maturity,” “— Call Right” and “— Early Redemption at the Option of the Holders.”

Path Dependence and Daily Leverage Reset. Because the leverage of the notes is generally only reset once each day, it is likely that due to intra-day changes in the level of the Index, the leverage at any point during an Index Business Day can be higher or lower than the target leverage of 3.0.

The performance of the notes is path-dependent. This means that the value of the notes will depend not only upon the level of the Index at maturity, call or redemption, but also on the performance of the Index over each day that you hold your notes. In other words, the value of the notes will be affected by not only the increase or decrease in the level of the Index over a given time period but also the volatility of the level of the Index over such time period. For example, a sharp spike or sharp decline in the level of the Index at the end of a particular time period will not result in the same return as a gradual uptick or gradual decline in the Index over the same time period, even if the level of the Index at the end of the applicable time period is the same in each scenario. Accordingly, the return on the notes may not correlate with the return on the Index over periods longer than one day.

As a general matter, it is expected that the notes will have better returns if the Index trends from one level to another over multiple Index Business Days, rather than experiencing significant changes in opposite directions over multiple Index Business Days. Consequently, volatility of the Index level may have a significant negative effect on the value of the notes.

In addition, the performance of the notes is path dependent insofar as its level at any time depends not only on the level of the Index at such time but also on the Index’s level at any prior time. As a result, the value of your investment in the notes may diverge significantly from the value you might expect on the basis of the leverage strategy of the notes and changes in the level of the Index over the period that you hold them. See “Hypothetical Examples.”

Early Redemption

You may elect to require us to redeem your notes (subject to a minimum redemption amount of at least 25,000 notes) on any Business Day commencing on the first Redemption Date (January 26, 2018) and ending on the final Redemption Date (which will be the last scheduled Index Business Day prior to the Calculation Date or Call Calculation Date, as applicable). If you elect to have your notes redeemed and have done so under the redemption procedures described in “Specific Terms of the Notes —Early Redemption at the Option of the Holders — Redemption Procedures,” you will receive a cash payment on the Redemption Date equal to the Redemption Amount, as defined below. You must comply with the redemption procedures described below in order to redeem your notes. To satisfy the minimum redemption amount, your broker or other financial intermediary may bundle your notes for redemption with those of other investors to reach this minimum amount of 25,000 notes; however, there can be no assurance that they can or will do so. We may from time to time in our sole discretion reduce this minimum requirement in whole or in part. Any such reduction will be applied on a consistent basis for all holders of the notes at the time the reduction becomes effective.

Upon early redemption, you will receive per note a cash payment on the relevant Redemption Date equal to (a) the Indicative Note Value as of the Redemption Measurement Date minus (b) the Redemption Fee Amount. We refer to this cash payment as the “Redemption Amount.” This amount will not be less than zero. You may lose some or all of your investment upon early redemption. Because the cumulative negative effect of the Daily Investor Fee and the Daily Financing Charge, and the Redemption Fee Amount, reduce your final payment, the level of the Index will need to have increased over the term of the notes by an amount, after giving effect to the daily leverage and the compounding effect thereof, sufficient to offset the decrease in principal amount represented by the Daily Investor Fee, the Daily Financing Charge and the Redemption Fee Amount in order for you to receive an aggregate amount upon redemption equal to at least the principal amount. Due to leverage, the notes are very sensitive to changes in the level of the Index and the path of such changes. See “—Path Dependence and Daily Leverage Reset” above. If the increase in the level of the Index, as measured on the Redemption Measurement Date, is insufficient to offset such a negative effect, you will lose some or all of your investment upon early redemption. It is possible that you will suffer significant losses in the notes upon redemption even if the long-term performance of the Index is flat or positive (before taking into account the negative effect of the Daily Investor Fee, the Daily Financing Charge and the Redemption Fee Amount).

Redemption Fee Amount: As of any Redemption Measurement Date, 0.125% of the Indicative Note Value.

For a detailed description of the redemption procedures applicable to an early redemption, see “Specific Terms of the Notes —Early Redemption at the Option of the Holders — Redemption Procedures.”

Call Right

On any Index Business Day on or after July 25, 2018 through and including the Maturity Date (the “Call Settlement Date”), we may at our option redeem all, but not less than all, of the issued and outstanding notes. To exercise our Call Right, we must provide notice to the holders of the notes not less than 14 calendar days prior to the Call Settlement Date specified by us. In the event we exercise this right, you will receive a cash payment equal to the arithmetic mean of the closing Indicative Note Values on each Index Business Day in the Call Measurement Period. We refer to this cash payment as the “Call Settlement Amount.” If we issue a call notice on any calendar day, the “Call Calculation Date” will be the next Index Business Day after the call notice is issued.

The Call Settlement Date will be the fifth Business Day following the last Index Business Day in the Call Measurement Period.

Call Measurement Period: The five Index Business Days from and including the Call Calculation Date, subject to adjustment as described under “Specific Terms of the Notes — Market Disruption Events.”

Understanding the Value of Notes

The initial offering price of the notes is determined at the inception of the notes. The initial offering price and the Intraday Indicative Value are not the same as the trading price, which is the price at which you may be able to sell your notes in the secondary market, or the Redemption Amount, which is the amount that you will receive from us in the event that you choose to have your notes repurchased by us. An explanation of each type of valuation is set forth below.

Initial Offering Price to the Public. The initial offering price to the public is equal to the Principal Amount of the notes. The initial offering price reflects the value of the notes only on the Initial Trade Date.

PS-4

Intraday Indicative Value. The Intraday Indicative Value for the notes at any point in time of an Exchange Business Day will equal (a) the Intraday Long Index Amount minus (b) the Financing Level; provided that if such calculation results in a value equal to or less than \$0, the Intraday Indicative Value will be \$0. If the Intraday Indicative Value of the notes is equal to or less than \$0 at any time on any Exchange Business Day, then both the Intraday Indicative Value of the notes and the closing Indicative Note Value on that Exchange Business Day, and on all future Exchange Business Days, will be \$0. The Intraday Long Index Amount will equal the product of (a) the closing Indicative Note Value on the immediately preceding Exchange Business Day times (b) the Daily Leverage Factor times (c) the Intraday Index Performance Factor. The Intraday Index Performance Factor will equal (a) the most recently published level of the Index divided by (b) the Index Closing Level on the immediately preceding Index Business Day.

The Intraday Indicative Value is not the same as, and may differ from, the amount payable upon an early redemption, call or at maturity and the trading price of the notes in the secondary market. Because the Intraday Indicative Value uses an intraday Index level for its calculation, a variation in the intraday level of the Index from the previous Index Business Day's Index Closing Level may cause a significant variation between the closing Indicative Note Value and the Intraday Indicative Value on any date of determination. The Intraday Indicative Value also does not reflect intraday changes in the leverage; it is based on the constant Daily Leverage Factor of 3.0. Consequently, the Intraday Indicative Value may vary significantly from the previous or next Index Business Day's closing Indicative Note Value. See "Risk Factors — The notes are subject to intraday purchase risk" and "— The Indicative Note Value is reset daily, and the leverage of the notes during any given Index Business Day may be greater or less than 3.0." The Intraday Indicative Value for the notes will be published every 15 seconds on Bloomberg under the ticker symbol indicated herein.

Trading Price. The market value of the notes at any given time, which we refer to as the trading price, is the price at which you may be able to buy or sell your notes in the secondary market, if one exists. The trading price may vary significantly from the Intraday Indicative Value, because the market value reflects investor supply and demand for the notes.

Redemption Amount. The Redemption Amount is the price per note that we will pay you to redeem the notes upon your request. The Redemption Amount is calculated according to the formula set forth above. The Redemption Amount may vary significantly from the Intraday Indicative Value and the trading price of the notes.

Because the Redemption Amount is based on the Index Closing Level at the end of the Index Business Day after a notice of redemption is received, you will not know the Redemption Amount you will receive at the time you elect to request that we redeem your notes.

Ticker Symbols

Trading price: FNGU
Intraday indicative value: FNGU.IV
Intraday Index value: NYFANGT<Index>

Selected Risk Considerations

An investment in the notes involves risks. Selected risks are summarized here, but we urge you to read the more detailed explanation of risks described under “Risk Factors” beginning on page PS-12.

You may lose some or all of your principal — The notes do not guarantee any return on your initial investment. The notes are leveraged notes, which means they are exposed to three times the risk of any decrease in the level of the Index, compounded daily. Due to leverage, the notes are very sensitive to changes in the level of the Index and the path of such changes. Because the Daily Investor Fee and the Daily Financing Charge reduce your final payment, the level of the Index, measured as a component of the closing Indicative Note Value during the Final Measurement Period or Call Measurement Period, or on a Redemption Measurement Date, will need to increase by an amount at least equal to the percentage of the Principal Amount represented by the Daily Investor Fee, the Daily Financing Charge and any Redemption Fee Amount in order for you to receive an aggregate amount over the term of the notes equal to at least the Principal Amount. If the increase in the level of the Index during the Final Measurement Period or Call Measurement Period, or on a Redemption Measurement Date, is insufficient to offset the cumulative negative effect of the Daily Investor Fee, the Daily Financing Charge and any Redemption Fee Amount you will lose some or all of your investment at maturity or call, or upon early redemption. This loss may occur even if the Index Closing Levels during the Final Measurement Period or Call Measurement Period, or on a Redemption Measurement Date, are greater than the Initial Index Level.

Correlation and compounding risk — A number of factors may affect the notes’ ability to achieve a high degree of correlation with the performance of the Index, and there is a significant possibility that the notes will not achieve a high degree of correlation with the performance of the Index over periods longer than one day. The leverage is reset daily, the return on the notes is path dependent and you will be exposed to compounding of daily returns. As a result, the performance of the notes for periods greater than one Index Business Day may be either greater than or less than three times the Index performance, before accounting for the Daily Investor Fee, the Daily Financing Charge and any Redemption Fee Amount. Further, significant adverse performances of the notes may not be offset by subsequent beneficial performances of equal magnitude.

Daily reset — Because the leverage of the notes is generally only reset once each day, it is likely that due to intra-day changes in the level of the Index, the leverage at any point during an Index Business Day can be higher or lower than the target leverage, which is 3.0.

Path dependence — The return on the notes will be highly path dependent. Accordingly, even if the level of the Index increases or decreases over the term of the notes, or over the term which you hold the notes, the value of the notes will increase or decrease not only based on any change in the level of the Index over a given time period but also based on the volatility of the Index over that time period. The value of the notes will depend not only upon the level of the Index at maturity, upon call or upon early redemption, but also on the performance of the Index over each day that you hold the notes. It is possible that you will suffer significant losses in the notes, even if the long-term performance of the Index is positive. Accordingly, the returns on the notes may not correlate with returns on the Index over periods of longer than one day.

Long holding period risk—The notes are intended to be daily trading tools for sophisticated investors and are designed to reflect a leveraged long exposure to the performance of the Index on a daily basis, but their returns over different periods of time can, and most likely will, differ significantly from three times the return on a direct long investment in the Index. The notes are very sensitive to changes in the level of the Index, and returns on the notes may be negatively affected in complex ways by volatility of the Index on a daily or intraday basis. Also, the Index is potentially volatile as it includes only a small number of constituents (10, as of the date of this pricing supplement);

any Index volatility would be magnified by the leverage. Accordingly, the notes should be purchased by knowledgeable investors who understand the potential consequences of investing in the Index and of seeking daily compounding leveraged long investment results. Investors should actively and frequently monitor their investments in the notes, even intra-day. It is possible that you will suffer significant losses in the notes even if the long-term performance of the Index is positive (before taking into account the negative effect of the Daily Investor Fee and the Daily Financing Charge, and the Redemption Fee Amount, if applicable).

Potential total loss of value — If the closing Indicative Note Value of the notes is equal to or less than \$0 on any Exchange Business Day, then the Indicative Note Value on all future Exchange Business Days will be \$0. If the Intraday Indicative Value of the notes is equal to or less than \$0 at any time on any Index Business Day, then both the Intraday Indicative Value of the notes and the closing Indicative Note Value on that Exchange Business Day, and on all future Exchange Business Days, will be \$0. If the Indicative Note Value is zero, the Cash Settlement Amount will be zero.

PS-6

Leverage risk — The notes are three times leveraged and, as a result, the notes will benefit from three times any positive, but will decline based on three times any negative, daily performance of the Index. However, the leverage of the notes may be greater or less than 3.0 during any given Index Business Day if the level of the Index on any Exchange Business Day has increased or decreased from the Index Closing Level on the preceding Index Business Day. Volatility of the Index level may have a significant negative effect on the value of the notes.

Market risk — The return on the notes, which may be positive or negative, is linked to a three times leveraged participation in the performance of the Index, compounded daily, as measured by the Index Performance Factor, and which, in turn, is affected by a variety of market and economic factors affecting the Index constituents, such as interest rates in the markets and economic, financial, political, regulatory, judicial or other events that affect the markets generally.

Credit of issuer — The notes are senior unsecured debt obligations of the issuer, Bank of Montreal, and are not, either directly or indirectly, an obligation of any third party. Any payment to be made on the notes, including any payment at maturity, call or upon early redemption, depends on the ability of Bank of Montreal to satisfy its obligations as they come due. As a result, the actual and perceived creditworthiness of Bank of Montreal will affect the market value, if any, of the notes prior to maturity, call or early redemption. In addition, in the event Bank of Montreal was to default on its obligations, you may not receive any amounts owed to you under the terms of the notes.

The Index has a limited actual performance history — The Index was launched on September 26, 2017. Because the Index is of recent origin and limited actual historical performance data exists with respect to it, your investment in the notes may involve a greater risk than investing in securities linked to one or more indices with a more established record of performance.

The Index lacks diversification and is concentrated in two sectors, and has a limited number of Index constituents — All of the stocks included in the Index are issued by companies whose primary lines of business are in the technology and consumer discretionary sectors. As a result, the notes will not benefit from the diversification that could result from an investment linked to an index of companies that operate in multiple sectors. Each of the Index constituents represents 10% of the weight of the Index as of each quarterly rebalancing date (based on the current 10 Index constituents). Any reduction in the market price of any of those stocks is likely to have a substantial adverse impact on the Index Closing Level and the value of the notes. Giving effect to leverage, negative changes in the performance of one Index constituent will be magnified and have a material adverse effect on the value of the notes.

A trading market for the notes may not develop — Although the notes have been listed on the NYSE, subject to official notice of issuance, a trading market for the notes may not develop. Certain of our affiliates may engage in limited purchase and resale transactions in the notes, although they are not required to and may stop at any time. We are not required to maintain any listing of the notes on the NYSE or any other exchange. In addition, we are not obliged to, and may not, sell the full aggregate principal amount of the notes. We may suspend or cease sales of the notes at any time, at our discretion. Therefore, the liquidity of the notes may be limited.

The Intraday Indicative Value is not the same as the trading price of the notes in the secondary market — The Intraday Indicative Value of the notes will be calculated by ICE Data Indices, LLC (“ICE Data”) and published every 15 seconds on each Exchange Business Day during normal trading hours on Bloomberg under the ticker symbol FNGU.IV so long as no Market Disruption Event has occurred or is continuing and will be disseminated over the consolidated tape, or other major market vendor. The Intraday Indicative Value calculation uses, for the Index Performance Factor, the intraday Index level as of the time of calculation, which could adversely affect the value of the notes. The Intraday Indicative Value also does not reflect intraday changes in the leverage. See “Intraday Value of the Index and the Notes — Intraday Indicative Note Values.” The trading price of the notes at any time is the price at which you may be able to sell your notes in the secondary market at such time, if one exists. The trading price of the

notes at any time may vary significantly from the Intraday Indicative Value of the notes at such time.

PS-7
