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Pricing Supplement dated August 1, 2018 to the Prospectus dated April 27, 2017 and
the Series D Senior Medium-Term Notes Prospectus Supplement dated April 27, 2017

Issued by Bank of Montreal

US\$50,000,000

MicroSectors™ FANG+™ Index Inverse ETNs due January 8, 2038*

This pricing supplement relates to the MicroSectors™ FANG+™ Index Inverse 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 the daily inverse 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 the inverse performance of the Index, less a Daily Investor Fee, any negative Daily Interest 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 an inverse 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 Interest, and the Redemption Fee Amount, if applicable), but, due to the effects of compounding, the returns on the notes over

different periods of time can, and most likely will, differ significantly from the return on a direct short 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 compounding. 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 inverse 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 negative.* 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 8 of the prospectus.

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:	August 1, 2018
Initial Issue Date:	August 6, 2018
Term:	19 years and 5 months, subject to your right to require us to redeem your notes on any Redemption Date, our call right or our right to extend the maturity date, each as described below.

BMO CAPITAL MARKETS (cover continued on next page)

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	CUSIP	ISIN	Intraday Indicative
Symbol	Number	Number	Value Symbol
GNAF	063679831	US0636798318	GNAFIV

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 the inverse 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 Deposit Amount on such Exchange Business Day *minus* (b) the Short Index Amount 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.***

Deposit Amount: On the Initial Trade Date, the Deposit Amount will equal the principal amount *plus* the Short Index Amount on the Initial Trade Date, which sum equals \$100. On any subsequent Exchange Business Day until maturity, call or redemption of the notes, the Deposit Amount will equal (a) the closing Indicative Note Value on the immediately preceding Exchange Business Day *times* the Daily Deposit

Factor *plus* (b) the Daily Interest on such Exchange Business Day *minus* (c) the Daily Investor Fee on such Exchange Business Day.

Short Index
Amount:

On the Initial Trade Date, the Short Index Amount will equal the principal amount, which equals \$50. On any subsequent Exchange Business Day until maturity, call or redemption of the notes, the Short Index Amount will equal the product of (a) the closing Indicative Note Value on the immediately preceding Exchange Business Day *times* (b) the Index Performance Factor on such Exchange Business Day.

Daily Deposit
Factor:

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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 exposure does not reset until the first Index Business Day on which no Market Disruption Event with respect to the notes is continuing.

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Daily Interest:	<p>On the Initial Trade Date, the Daily Interest will be \$0. On any subsequent Exchange Business Day until maturity, call or redemption of the notes, the Daily Interest will equal the product of (a) the closing Indicative Note Value on the immediately preceding Exchange Business Day <i>times</i> (b) the Daily Deposit Factor <i>times</i> (c) the Daily Interest Rate <i>divided by</i> (d) 365 <i>times</i> (e) the number of calendar days since the last Exchange Business Day. Because the Daily Interest is calculated and added to the Deposit Amount on a daily basis, the net effect of the Daily Interest accrues over time. The Daily Interest Rate will vary in time and can become negative on certain days. On such days, the Daily Interest will also be negative.</p>
Daily Interest Rate:	<p>The Daily Interest Rate will equal (a) the most recent US Federal Funds Effective Rate <i>minus</i> (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”. On the days, when the US Federal Funds Effective Rate is lower than 1.00%, the Daily Interest Rate will be negative.</p>
Daily Investor Fee:	<p>On the Initial Trade Date, the Daily Investor Fee will be \$0. On any subsequent Exchange Business Day 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 <i>times</i> (b) the Fee Rate <i>divided by</i> (c) 365 <i>times</i> (d) the number of calendar days since the last Exchange Business Day. Because the Daily Investor Fee is subtracted from the Deposit Amount 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.</p>
Fee Rate:	0.95% per annum
Call Right:	<p>On any Index Business Day on or after February 6, 2019 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.</p>
Call Settlement Amount:	<p>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.</p>
Early Redemption:	<p>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 <i>minus</i> (b) the Redemption Fee Amount. We refer to this cash payment as the “Redemption Amount.”</p>
Redemption Fee Amount:	<p>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.</p>

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Initial Index Level:	2,778.99, 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 Deposit Amount <i>minus</i> (b) the Intraday Short Index Amount; 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 Short Index Amount:	The Intraday Short Index Amount will equal the product of (a) the closing Indicative Note Value on the immediately preceding Exchange Business Day <i>times</i> (b) 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 <i>divided by</i> (b) the Index Closing Level on the immediately preceding Index Business Day.
Calculation Agent:	BMO Capital Markets Corp.

The notes are designed to reflect inverse 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 the return on a direct inverse 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 compounding. 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 investment results. Investors should actively and continuously monitor their investments in the notes, even intra-day.

Because your investment in the notes is linked to the inverse performance of the Index, compounded daily, an increase in the level of the Index will have a negative effect on the Cash Settlement Amount, Call Settlement Amount or Redemption Amount, as applicable, whereas a decrease in the level of the Index will have a positive effect on those payment amounts. Due to compounding, 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 any negative Daily Interest may substantially reduce the amount of your return at maturity, call or upon redemption, the level of the Index must decrease significantly in order for you to receive at least the principal amount of your investment at maturity, call or upon redemption or if you sell your notes. If the level of the Index increases or does not decrease sufficiently to offset the negative effect of the Daily Investor Fee and any negative Daily Interest, you will receive less than the principal amount of your investment at maturity, call or upon redemption, or if you sell your notes.

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.***

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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 the inverse performance of the Index, compounded daily, less a Daily Investor Fee, any negative Daily Interest and, if applicable, the Redemption Fee Amount. Accordingly, the notes generally appreciate in value as the level of the Index decreases, provided such decrease is sufficient to offset the cumulative negative effect of the Daily Investor Fee and any negative Daily Interest. 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 any negative Daily Interest reduce your final payment, the level of the Index will need to have decreased over the term of the notes by an amount, after giving effect to compounding, sufficient to offset the decrease in the principal amount represented by the Daily Investor Fee and any negative Daily Interest 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 compounding, the notes are very sensitive to changes in the level of the Index and the path of such changes. If the decrease 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 any negative Daily Interest, 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 less 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 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 performance of the notes is linked to the inverse performance of the Index, compounded daily. There is no maximum limit to the level of the Index. Moreover, the notes are not principal protected. Therefore, an increase in the level of the Index could cause you to lose up to your entire investment in the notes.

Furthermore, because your investment in the notes is linked to the inverse performance of the Index, an increase in the level of the Index will have a negative effect on the Cash Settlement Amount, Call Settlement Amount or Redemption Amount, as applicable, whereas a decrease in the level of the Index will have a positive effect on those payment amounts. Because the Daily Investor Fee and any negative Daily Interest may substantially reduce the amount of your return at maturity, call or upon redemption, or if you sell your notes, the level of the Index must decrease significantly in order for you to receive at least the principal amount of your investment. If the level of the Index increases or does not decrease sufficiently to offset the cumulative negative effect of the Daily Investor Fee and any negative Daily Interest, you will receive less than the principal amount of your investment at maturity, call or upon redemption, or if you sell your notes.

PS-1

The returns on the notes are path dependent. The notes are designed to reflect inverse 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 the inverse 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 compounding. 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 inverse 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 negative (before taking into account the negative effect of the Daily Investor Fee and the Daily Interest, 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 subtracted from the Deposit Amount, and the Deposit Amount is calculated as part of 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 exposure does not reset until the first Index Business Day on which no Market Disruption Event with respect to the notes is continuing.

“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 Compounding Reset. Because the exposure 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 exposure at any point during an Index Business Day can be higher or lower than the target exposure of -1.0.

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 their value 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 inverse 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 (August 7, 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, any negative Daily Interest and the Redemption Fee Amount reduce your final payment, the level of the Index will need to have decreased over the term of the notes by an amount, after giving effect to the daily compounding, sufficient to offset the decrease in principal amount represented by the Daily Investor Fee, any negative Daily Interest and the Redemption Fee Amount in order for you to receive an aggregate amount upon redemption equal to at least the principal amount. If the decrease 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 negative (before taking into account the negative effect of the Daily Investor Fee, the Daily Interest 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 February 6, 2019 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.

Intraday Indicative Value. The Intraday Indicative Value for the notes at any point in time of an Exchange Business Day will equal (a) the Deposit Amount minus (b) the Intraday Short Index Amount; 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 Short Index Amount will equal the product of (a) the closing Indicative Note Value on the immediately preceding Exchange Business Day *times* (b) 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 exposure. Consequently, the Intraday Indicative Value may vary significantly from the previous or next Index Business Day's closing Indicative Note Value or the price of the notes purchased intraday. See "Risk Factors — The notes are subject to intraday purchase risk," "— The Indicative Note Value is reset daily, and the exposure of the notes during any given Index Business Day may be greater or less than -1.0" and "— The notes are subject to intraday purchase risk." 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: GNAF
Intraday indicative value: GNAFIV
Intraday Index value: NYFANGT<Index>

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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 inverse notes, which means they are exposed to the risk of any increase in the level of the Index, compounded daily. Due to compounding, 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 any negative Daily Interest 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 decrease by an amount at least equal to the percentage of the Principal Amount represented by the Daily Investor Fee, any negative Daily Interest and Redemption Fee Amount, if applicable, in order for you to receive an aggregate amount at maturity, upon a call or redemption, or if you sell your notes, that is equal to at least the Principal Amount. If the decrease 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, any negative Daily Interest and the Redemption Fee Amount, if applicable, 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, on a Redemption Measurement Date, or when you elect to sell your notes, are less than the Initial Index Level.

The Daily Interest may be negative — Although the Daily Interest will be added to the Deposit Amount, the Daily Interest will be negative on any Exchange Business Day on which the Daily Interest Rate is negative. On those Exchange Business Days, the Daily Interest will be subtracted from the Deposit Amount, which, in turn, will reduce the Indicative Note Value and the amount that you will receive for your notes at maturity, call or redemption.

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 exposure 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 the inverse of the Index performance, before accounting for the Daily Investor Fee, any negative Daily Interest 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 exposure 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 exposure at any point during an Index Business Day can be higher or lower than the target exposure, which is -1.0.

Path dependence — The return on the notes will be highly path dependent. Accordingly, even if the level of the Index decreases or increases 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 negative. 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 inverse 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 the return on a direct inverse 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 compounding. Accordingly, the notes should be purchased by knowledgeable investors who understand the potential consequences of investing in the Index and of seeking daily compounding inverse 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 negative (before taking into account the negative effect of the Daily Investor Fee and any negative Daily Interest, 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.*

Exposure risk — The notes will benefit from any negative, but will decline based on any positive, daily performance of the Index. However, the exposure of the notes may be greater or less than -1.0 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 the inverse 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 increase in the market price of any of those stocks is likely to have a substantial positive impact on the Index Closing Level and a substantial adverse impact 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 GNAFIV 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 Intraday 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 exposure. 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.

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Paying a premium purchase price over the Intraday Indicative Value of the notes could lead to significant losses in the event one sells such notes at a time when such premium is no longer present in the market place or the notes are called — Paying a premium purchase price over the Intraday Indicative Value of the notes could lead to significant losses in the event one sells the notes at a time when such premium is no longer present in the market place or if the notes are called, in which case investors will receive a cash payment in an amount based on the arithmetic mean of the closing Indicative Note Value of the notes on each Index Business Day during the Call Measurement Period. We may, without providing you notice or obtaining your consent, create and issue notes in addition to those offered by this pricing supplement having the same terms and conditions as the notes. However, we are under no obligation to sell additional notes at any time, and we may suspend issuance of new notes at any time and for any reason without providing you notice or obtaining your consent. If we limit, restrict or stop sales of additional notes, or if we subsequently resume sales of such additional notes, the price and liquidity of the notes could be materially and adversely affected, including an increase or decline in the premium purchase price of the notes over the Intraday Indicative Value. Before trading in the secondary market, you should compare the Intraday Indicative Value with the then-prevailing trading price of the notes.

Potential conflicts — We and our affiliates play a variety of roles in connection with the issuance of the notes, including acting as an agent of the issuer for the offering of the notes, making certain calculations and determinations that may affect the value of the notes and hedging our obligations under the notes. Any profit in connection with such hedging activities will be in addition to any other compensation that we and our affiliates receive for the sale of the notes, which creates an additional incentive to sell the notes to you. Our affiliates will, among other things, calculate the arithmetic mean of the closing Indicative Note Values and the Redemption Fee Amount, where applicable, make determinations with respect to Market Disruption Events, splits and reverse splits of the notes and the replacement of the Index with a successor index. Any exercise by us of our Call Right could present a conflict between your interest in the notes and our interests in determining whether to call the notes. We have no obligation to ensure that investors will not lose all or a portion of their investment in the notes upon a call. In performing these activities, our economic interests and those of our affiliates are potentially adverse to your interests as an investor in the notes.

Call right — We may elect to redeem all outstanding notes at any time on or after February 6, 2019, as described under “Specific Terms of the Notes — Call Right.” If we exercise our Call Right, the Call Settlement Amount may be less than the Principal Amount of your notes.

Minimum redemption amount — You must elect to redeem at least 25,000 notes for us to repurchase your notes, unless we determine otherwise or your broker or other financial intermediary bundles your notes for redemption with those of other investors to reach this minimum requirement, and there can be no assurance that they can or will do so. Therefore, the liquidity of the notes may be limited.

Your redemption election is irrevocable — You will not be able to rescind your election to redeem your notes after your redemption notice is received by us. Accordingly, you will be exposed to market risk if the level of the Index decreases after we receive your offer and the Redemption Amount is determined on the Redemption Measurement Date. You will not know the Redemption Amount at the time that you submit your irrevocable redemption notice.

Owning the notes is not the same as owning any of the Index constituents — The return on the notes may not reflect the return you would realize if you actually owned any of the Index constituents.

Uncertain tax treatment — Significant aspects of the tax treatment of the notes are uncertain. You should consult your own tax advisor about your own tax situation.

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The notes may be a suitable investment for you if:

- You seek a short-term investment with a return linked to the inverse performance of the Index, compounded daily, in which case you are willing to accept the risk of fluctuations in the technology and consumer discretionary sectors.
- You understand (i) compounding risk, including the risks inherent in maintaining daily inverse exposure, and (ii) the consequences of seeking inverse investment results generally.
- You believe the level of the Index will decrease during the term of the notes by an amount, after giving effect to daily compounding, sufficient to offset the Daily Investor Fee, any negative Daily Interest and any Redemption Fee Amount.
- You are a sophisticated investor, understand path dependence of investment returns and you seek a short-term investment in order to manage daily trading risks.
- You understand that the notes are designed to achieve their stated investment objective on a daily basis, but their performance over different periods of time can differ significantly from their stated daily objective.
- You are willing to accept the risk that you may lose some or all of your investment.
- You are willing to hold securities that may be redeemed early by us, under our call right, on or after February 6, 2019.

The notes may *not* be a suitable investment for you if:

- You believe that the level of the Index will increase during the term of the notes or the level of the Index will not decrease by an amount, after giving effect to the daily compounding, sufficient to offset the Daily Investor Fee, any negative Daily Interest and any Redemption Fee Amount.
- You are not willing to accept the risk that you may lose some or all of your investment.
- You are not willing to hold securities that may be redeemed early by us, under our call right, on or after February 6, 2019.
- You do not seek a short-term investment with a return linked to the inverse performance of the Index, compounded daily, in which case you are not willing to accept the risk of fluctuations in the technology and consumer discretionary sectors.

- You are willing to forgo dividends or other distributions paid to holders of the Index constituents, except as reflected in the level of the Index, and are willing to hold securities that may be negatively affected by dividends or other distributions paid to holders of the Index constituents to the extent they are reflected in the level of the Index.

- You understand that the trading price of the notes at any time may vary significantly from the Intraday Indicative Value of the notes at such time and that paying a premium purchase price over the Intraday Indicative Value of the notes could lead to significant losses in the event you sell the notes at a time when such premium is no longer present in the market place or the notes are called.

- You are willing to actively and frequently monitor your investment in the notes.