



**DATE:** April 17, 2020

**TO:** MIAX Exchange Members

**FROM:** MIAX Exchange Regulatory Department

**RE:** Market for Underlying Security Used for Openings on MIAX Options, MIAX PEARL and MIAX Emerald for Newly Listed Option Classes Effective Monday, April 20, 2020

The following symbols will start trading on MIAX Options, MIAX PEARL and MIAX Emerald beginning Monday, April 20, 2020. As set forth in MIAX Options Rule 503(d), MIAX PEARL Rule 503(a)(3) and MIAX Emerald Rule 503(d), each Exchange shall use the exchange identified below as the “market for the underlying security” for purpose of Openings on the Exchange.

| Security Symbol | Security Name                            | Option Class | Exchange for Opening |
|-----------------|--|--------------|----------------------|
| ADMA            | ADMA Biologics, Inc.                     | ADMA         | NASDAQ               |
| ADPT            | Adaptive Biotechnologies Corporation     | ADPT         | NASDAQ               |
| AGTC            | Applied Genetic Technologies Corporation | AGTC         | NASDAQ               |
| ALLK            | Allakos, Inc.                            | ALLK         | NASDAQ               |
| APLS            | Apellis Pharmaceuticals, Inc.            | APLS         | NASDAQ               |
| APTO            | Aptose Biosciences, Inc.                 | APTO         | NASDAQ               |
| ARGX            | argenx SE                                | ARGX         | NASDAQ               |
| ATEX            | Anterix, Inc.                            | ATEX         | NASDAQ               |
| ATRC            | Atricure, Inc.                           | ATRC         | NASDAQ               |
| AXNX            | Axonics Modulation Technologies, Inc.    | AXNX         | NASDAQ               |
| AZZ             | Azz, Inc.                                | AZZ          | NYSE                 |
| BRO             | Brown & Brown, Inc.                      | BRO          | NYSE                 |
| BW              | Babcock & Wilcox Enterprises, Inc.       | BW           | NYSE                 |
| CCC             | Clarivate Analytics PLC                  | CCC          | NYSE                 |
| CDAY            | Ceridian HCM Holding, Inc.               | CDAY         | NYSE                 |
| CDLX            | Cardlytics, Inc.                         | CDLX         | NASDAQ               |
| CEIX            | Consol Energy, Inc.                      | CEIX         | NYSE                 |
| CHNG            | Change Healthcare, Inc.                  | CHNG         | NASDAQ               |
| CPLP            | Capital Product Partners L.P.            | CPLP         | NASDAQ               |
| DDOG            | Datadog, Inc.                            | DDOG         | NASDAQ               |
| DEAC            | Diamond Eagle Acquisition Corp.          | DEAC         | NASDAQ               |



|      |                                   |      |           |
|------|-----------------------------------|------|-----------|
| DNLI | Denali Therapeutics, Inc.         | DNLI | NASDAQ    |
| DOYU | Douyu International Holdings Ltd. | DOYU | NASDAQ    |
| DT   | Dynatrace, Inc.                   | DT   | NYSE      |
| DTIL | Precision Biosciences, Inc.       | DTIL | NASDAQ    |
| ETRN | Equitrans Midstream Corp.         | ETRN | NYSE      |
| EVER | Everquote, Inc.                   | EVER | NASDAQ    |
| FG   | FGL Holdings                      | FG   | NYSE      |
| GCI  | Gannett Co., Inc.                 | GCI  | NYSE      |
| GO   | Grocery Outlet Holding Corp.      | GO   | NASDAQ    |
| GOSS | Gossamer Bio, Inc.                | GOSS | NASDAQ    |
| GSX  | Gsx Techedu, Inc.                 | GSX  | NYSE      |
| GTX  | Garrett Motion, Inc.              | GTX  | NYSE      |
| HELE | Helen Of Troy Ltd.                | HELE | NASDAQ    |
| HROW | Harrow Health, Inc.               | HROW | NASDAQ    |
| IHRT | iHeartMedia, Inc.                 | IHRT | NASDAQ    |
| INSP | Inspire Medical Systems, Inc.     | INSP | NYSE      |
| JETS | U.S. Global Jets ETF              | JETS | NYSE ARCA |
| KALA | Kala Pharmaceuticals, Inc.        | KALA | NASDAQ    |
| LTM  | Latam Airlines Group S.A.         | LTM  | NYSE      |
| LVGO | Livongo Health, Inc.              | LVGO | NASDAQ    |
| MDLA | Medallia, Inc.                    | MDLA | NYSE      |
| MLNX | Mellanox Technologies Ltd.        | MLNX | NASDAQ    |
| MR   | Montage Resources Corporation     | MR   | NYSE      |
| MYOV | Myovant Sciences Ltd.             | MYOV | NYSE      |
| NMRK | Newmark Group, Inc.               | NMRK | NASDAQ    |
| NVST | Envista Holdings Corp.            | NVST | NYSE      |
| OGI  | Organigram Holdings, Inc.         | OGI  | NASDAQ    |
| OR   | Osisko Gold Royalties Limited     | OR   | NYSE      |
| PFNX | Pfenex, Inc.                      | PFNX | AMEX      |
| PGNY | Progyny, Inc                      | PGNY | NASDAQ    |
| PINC | Premier, Inc.                     | PINC | NASDAQ    |
| POL  | Polyone Corporation               | POL  | NYSE      |
| PRVB | Provention Bio, Inc.              | PRVB | NASDAQ    |
| RADA | Rada Electronic Industries Ltd.   | RADA | NASDAQ    |
| RCM  | R1 RCM, Inc.                      | RCM  | NASDAQ    |
| REAL | Realreal, Inc.                    | REAL | NASDAQ    |
| RETA | Reata Pharmaceuticals, Inc.       | RETA | NASDAQ    |
| REZI | Resideo Technologies, Inc.        | REZI | NYSE      |



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|------|--|------|-----------|
| SAVA | Cassava Sciences, Inc.                             | SAVA | NASDAQ    |
| SCOR | Comscore, Inc.                                     | SCOR | NASDAQ    |
| SILJ | ETMFG Prime Junior Silver Miners ETF               | SILJ | NYSE ARCA |
| SLDB | Soild Biosciences, Inc.                            | SLDB | NASDAQ    |
| SMPL | The Simply Good Foods Company                      | SMPL | NASDAQ    |
| SNCR | Synchronoss Technologies, Inc.                     | SNCR | NASDAQ    |
| SPTM | SPDR Portfolio S&P 1500 Composite Stock Market ETF | SPTM | NYSE ARCA |
| SUI  | Sun Communities, Inc.                              | SUI  | NYSE      |
| TLYS | Tilly's, Inc.                                      | TLYS | NYSE      |
| TMHC | Taylor Morrison Home Corporation                   | TMHC | NYSE      |
| TRHC | Tabula Rasa Healthcare, Inc.                       | TRHC | NASDAQ    |
| TRIL | Trillium Therapeutics, Inc.                        | TRIL | NASDAQ    |
| TUFN | Tufin Software Technologies Ltd.                   | TUFN | NYSE      |
| TXG  | 10x Genomics, Inc.                                 | TXG  | NASDAQ    |
| USX  | US Xpress Enterprises, Inc.                        | USX  | NYSE      |
| VBTX | Veritex Holdings, Inc.                             | VBTX | NASDAQ    |
| VERU | Veru, Inc.   | VERU | NASDAQ    |
| VET  | Vermilion Energy, Inc.                             | VET  | NYSE      |
| WDFC | Wd-40 Company                                      | WDFC | NASDAQ    |
| WVE  | Wave Life Sciences Ltd                             | WVE  | NASDAQ    |
| ZIXI | Zix Corporation                                    | ZIXI | NASDAQ    |
| ZYME | Zymeworks, Inc.                                    | ZYME | NYSE      |

Please direct questions to the Regulatory Department at [Regulatory@MIAXOptions.com](mailto:Regulatory@MIAXOptions.com) or (609) 897-7309.