



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



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 or (609) 897-7309.