



The option classes listed below will begin trading on the MIAX Options Exchange at the start of trading on **Monday, April 20, 2020**. All option classes on MIAX Options have an allocation style of Pro-Rata and billing style of Conventional.

Security Symbol	Security Name	Option Class	Penny Pilot	Exchange for Opening	Closing Time	PLMM	Cloud
ADMA	ADMA Biologics Inc.	ADMA	No	NASDAQ	4:00	Citadel Securities, LLC	1
ADPT	Adaptive Biotechnologies Corporation	ADPT	No	NASDAQ	4:00	Susquehanna Securities	1
AGTC	Applied Genetic Technologies Corporation	AGTC	No	NASDAQ	4:00	Susquehanna Securities	1
ALLK	Allakos, Inc.	ALLK	No	NASDAQ	4:00	Susquehanna Securities	1
APLS	Apellis Pharmaceuticals, Inc.	APLS	No	NASDAQ	4:00	Citadel Securities, LLC	1
APTO	Aptose Biosciences Inc.	APTO	No	NASDAQ	4:00	Citadel Securities, LLC	1
ARGX	argenx SE	ARGX	No	NASDAQ	4:00	Susquehanna Securities	1
ATEX	Anterix Inc.	ATEX	No	NASDAQ	4:00	Susquehanna Securities	1
ATRC	Atricure Inc.	ATRC	No	NASDAQ	4:00	Susquehanna Securities	1
AXNX	Axonics Modulation Technologies, Inc.	AXNX	No	NASDAQ	4:00	Susquehanna Securities	1
AZZ	Azz Inc.	AZZ	No	NYSE	4:00	Citadel Securities, LLC	1
BRO	Brown & Brown, Inc.	BRO	No	NYSE	4:00	Susquehanna Securities	2
BW	Babcock & Wilcox Enterprises Inc.	BW	No	NYSE	4:00	Susquehanna Securities	2
CCC	Clarivate Analytics PLC	CCC	No	NYSE	4:00	Citadel Securities, LLC	3
CDAY	Ceridian HCM Holding Inc.	CDAY	No	NYSE	4:00	Susquehanna Securities	3
CDLX	Cardlytics Inc.	CDLX	No	NASDAQ	4:00	Susquehanna Securities	3
CEIX	Consol Energy Inc.	CEIX	No	NYSE	4:00	Susquehanna Securities	3
CHNG	Change Healthcare Inc.	CHNG	No	NASDAQ	4:00	Citadel Securities, LLC	3
CPLP	Capital Product Partners L.P.	CPLP	No	NASDAQ	4:00	Citadel Securities, LLC	3
DDOG	Datadog, Inc.	DDOG	No	NASDAQ	4:00	Citadel Securities, LLC	4
DEAC	Diamond Eagle Acquisition Corp.	DEAC	No	NASDAQ	4:00	Susquehanna Securities	4



Security Symbol	Security Name	Option Class	Penny Pilot	Exchange for Opening	Closing Time	PLMM	Cloud
DNLI	Denali Therapeutics Inc.	DNLI	No	NASDAQ	4:00	Susquehanna Securities	4
DOYU	Douyu International Holdings Ltd.	DOYU	No	NASDAQ	4:00	Citadel Securities, LLC	4
DT	Dynatrace, Inc.	DT	No	NYSE	4:00	Susquehanna Securities	4
DTIL	Precision Biosciences, Inc.	DTIL	No	NASDAQ	4:00	Citadel Securities, LLC	4
ETRN	Equitrans Midstream Corp.	ETRN	No	NYSE	4:00	Citadel Securities, LLC	5
EVER	Everquote, Inc.	EVER	No	NASDAQ	4:00	Susquehanna Securities	5
FG	FGL Holdings	FG	No	NYSE	4:00	Susquehanna Securities	6
GCI	Gannett Co. Inc.	GCI	No	NYSE	4:00	Citadel Securities, LLC	7
GO	Grocery Outlet Holding Corp.	GO	No	NASDAQ	4:00	Citadel Securities, LLC	7
GOSS	Gossamer Bio Inc.	GOSS	No	NASDAQ	4:00	Citadel Securities, LLC	7
GSX	Gsx Techedu, Inc.	GSX	No	NYSE	4:00	Susquehanna Securities	7
GTX	Garrett Motion Inc.	GTX	No	NYSE	4:00	Citadel Securities, LLC	7
HELE	Helen Of Troy Ltd.	HELE	No	NASDAQ	4:00	Susquehanna Securities	8
HROW	Harrow Health, Inc.	HROW	No	NASDAQ	4:00	Susquehanna Securities	8
IHRT	iHeartMedia, Inc.	IHRT	No	NASDAQ	4:00	Wolverine Trading, LLC	9
INSP	Inspire Medical Systems Inc.	INSP	No	NYSE	4:00	Citadel Securities, LLC	9
JETS	U.S. Global Jets ETF	JETS	No	NYSE ARCA	4:00	Susquehanna Securities	10
KALA	Kala Pharmaceuticals Inc.	KALA	No	NASDAQ	4:00	Citadel Securities, LLC	10
LTM	Latam Airlines Group S.A.	LTM	No	NYSE	4:00	Citadel Securities, LLC	11
LVGO	Livongo Health, Inc.	LVGO	No	NASDAQ	4:00	Citadel Securities, LLC	11
MDLA	Medallia, Inc.	MDLA	No	NYSE	4:00	Citadel Securities, LLC	12
MLNX	Mellanox Technologies Ltd.	MLNX	No	NASDAQ	4:00	Susquehanna Securities	12
MR	Montage Resources Corporation	MR	No	NYSE	4:00	Citadel Securities, LLC	12
MYOV	Myovant Sciences Ltd.	MYOV	No	NYSE	4:00	Citadel Securities, LLC	12
NMRK	Newmark Group Inc.	NMRK	No	NASDAQ	4:00	Citadel Securities, LLC	13



Security Symbol	Security Name	Option Class	Penny Pilot	Exchange for Opening	Closing Time	PLMM	Cloud
NVST	Envista Holdings Corp.	NVST	No	NYSE	4:00	Wolverine Trading, LLC	13
OGI	Organigram Holdings Inc.	OGI	No	NASDAQ	4:00	Citadel Securities, LLC	14
OR	Osisko Gold Royalties Limited	OR	No	NYSE	4:00	Susquehanna Securities	14
PFNX	Pfenex Inc.	PFNX	No	AMEX	4:00	Susquehanna Securities	14
PGNY	Progyny Inc	PGNY	No	NASDAQ	4:00	Susquehanna Securities	14
PINC	Premier Inc.	PINC	No	NASDAQ	4:00	Citadel Securities, LLC	14
POL	Polyone Corporation	POL	No	NYSE	4:00	Susquehanna Securities	14
PRVB	Provention Bio Inc.	PRVB	No	NASDAQ	4:00	Susquehanna Securities	14
RADA	Rada Electronic Industries Ltd.	RADA	No	NASDAQ	4:00	Citadel Securities, LLC	15
RCM	R1 RCM Inc.	RCM	No	NASDAQ	4:00	Citadel Securities, LLC	15
REAL	Realreal, Inc.	REAL	No	NASDAQ	4:00	Citadel Securities, LLC	15
RETA	Reata Pharmaceuticals, Inc.	RETA	No	NASDAQ	4:00	Citadel Securities, LLC	15
REZI	Resideo Technologies Inc.	REZI	No	NYSE	4:00	Susquehanna Securities	15
SAVA	Cassava Sciences, Inc.	SAVA	No	NASDAQ	4:00	Citadel Securities, LLC	16
SCOR	Comscore Inc.	SCOR	No	NASDAQ	4:00	Citadel Securities, LLC	16
SILJ	ETMFG Prime Junior Silver Miners ETF	SILJ	No	NYSE ARCA	4:00	Susquehanna Securities	16
SLDB	Soild Biosciences Inc.	SLDB	No	NASDAQ	4:00	Citadel Securities, LLC	16
SMPL	The Simply Good Foods Company	SMPL	No	NASDAQ	4:00	Wolverine Trading, LLC	16
SNCR	Synchronoss Technologies, Inc.	SNCR	No	NASDAQ	4:00	Citadel Securities, LLC	16
SPTM	SPDR Portfolio S&P 1500 Composite Stock Market ETF	SPTM	No	NYSE ARCA	4:00	Susquehanna Securities	16
SUI	Sun Communities, Inc.	SUI	No	NYSE	4:00	Wolverine Trading, LLC	16
TLYS	Tilly's Inc.	TLYS	No	NYSE	4:00	Citadel Securities, LLC	17
TMHC	Taylor Morrison Home Corporation	TMHC	No	NYSE	4:00	Susquehanna Securities	17
TRHC	Tabula Rasa Healthcare, Inc.	TRHC	No	NASDAQ	4:00	Susquehanna Securities	17
TRIL	Trillium Therapeutics Inc.	TRIL	No	NASDAQ	4:00	Citadel Securities, LLC	17



Security Symbol	Security Name	Option Class	Penny Pilot	Exchange for Opening	Closing Time	PLMM	Cloud
TUFN	Tufin Software Technologies Ltd.	TUFN	No	NYSE	4:00	Citadel Securities, LLC	17
TXG	10x Genomics, Inc.	TXG	No	NASDAQ	4:00	Susquehanna Securities	17
USX	US Xpress Enterprises Inc.	USX	No	NYSE	4:00	Susquehanna Securities	18
VBTX	Veritex Holdings, Inc.	VBTX	No	NASDAQ	4:00	Susquehanna Securities	19
VERU	Veru Inc.	VERU	No	NASDAQ	4:00	Citadel Securities, LLC	19
VET	Vermilion Energy Inc.	VET	No	NYSE	4:00	Citadel Securities, LLC	19
WDFC	Wd-40 Company	WDFC	No	NASDAQ	4:00	Susquehanna Securities	19
WVE	Wave Life Sciences Ltd	WVE	No	NASDAQ	4:00	Citadel Securities, LLC	19
ZIXI	Zix Corporation	ZIXI	No	NASDAQ	4:00	Citadel Securities, LLC	21
ZYME	Zymeworks Inc.	ZYME	No	NYSE	4:00	Citadel Securities, LLC	21

Please contact MIAX Options Listings with any questions.

Listings@MIAXOptions.com

(609) 897-7308