



The option classes listed below will begin trading on the MIAX Pearl Exchange at the start of trading on **Monday, April 20, 2020**. All option classes on MIAX PEARL have an allocation style of Price-Time and billing style of Maker-Taker.

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

Security Symbol	Security Name	Option Class	Penny Pilot	Exchange for Opening	Closing Time	Cloud
DOYU	Douyu International Holdings Ltd.	DOYU	No	NASDAQ	4:00	3
DT	Dynatrace, Inc.	DT	No	NYSE	4:00	3
DTIL	Precision Biosciences, Inc.	DTIL	No	NASDAQ	4:00	3
ETRN	Equitrans Midstream Corp.	ETRN	No	NYSE	4:00	3
EVER	Everquote, Inc.	EVER	No	NASDAQ	4:00	3
FG	FGL Holdings	FG	No	NYSE	4:00	3
GCI	Gannett Co. Inc.	GCI	No	NYSE	4:00	4
GO	Grocery Outlet Holding Corp.	GO	No	NASDAQ	4:00	4
GOSS	Gossamer Bio Inc.	GOSS	No	NASDAQ	4:00	4
GSX	Gsx Techedu, Inc.	GSX	No	NYSE	4:00	4
GTX	Garrett Motion Inc.	GTX	No	NYSE	4:00	4
HELE	Helen Of Troy Ltd.	HELE	No	NASDAQ	4:00	4
HROW	Harrow Health, Inc.	HROW	No	NASDAQ	4:00	4
IHRT	iHeartMedia, Inc.	IHRT	No	NASDAQ	4:00	5
INSP	Inspire Medical Systems Inc.	INSP	No	NYSE	4:00	5
JETS	U.S. Global Jets ETF	JETS	No	NYSE ARCA	4:00	5
KALA	Kala Pharmaceuticals Inc.	KALA	No	NASDAQ	4:00	5
LTM	Latam Airlines Group S.A.	LTM	No	NYSE	4:00	5
LVGO	Livongo Health, Inc.	LVGO	No	NASDAQ	4:00	5
MDLA	Medallia, Inc.	MDLA	No	NYSE	4:00	6
MLNX	Mellanox Technologies Ltd.	MLNX	No	NASDAQ	4:00	6
MR	Montage Resources Corporation	MR	No	NYSE	4:00	6
MYOV	Myovant Sciences Ltd.	MYOV	No	NYSE	4:00	6
NMRK	Newmark Group Inc.	NMRK	No	NASDAQ	4:00	6

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NVST	Envista Holdings Corp.	NVST	No	NYSE	4:00	6
OGI	Organigram Holdings Inc.	OGI	No	NASDAQ	4:00	7
OR	Osisko Gold Royalties Limited	OR	No	NYSE	4:00	7
PFNX	Pfenex Inc.	PFNX	No	AMEX	4:00	7
PGNY	Progyny Inc	PGNY	No	NASDAQ	4:00	7
PINC	Premier Inc.	PINC	No	NASDAQ	4:00	7
POL	Polyone Corporation	POL	No	NYSE	4:00	7
PRVB	Provention Bio Inc.	PRVB	No	NASDAQ	4:00	7
RADA	Rada Electronic Industries Ltd.	RADA	No	NASDAQ	4:00	7
RCM	R1 RCM Inc.	RCM	No	NASDAQ	4:00	7
REAL	Realreal, Inc.	REAL	No	NASDAQ	4:00	7
RETA	Reata Pharmaceuticals, Inc.	RETA	No	NASDAQ	4:00	7
REZI	Resideo Technologies Inc.	REZI	No	NYSE	4:00	7
SAVA	Cassava Sciences, Inc.	SAVA	No	NASDAQ	4:00	8
SCOR	Comscore Inc.	SCOR	No	NASDAQ	4:00	8
SILJ	ETMFG Prime Junior Silver Miners ETF	SILJ	No	NYSE ARCA	4:00	8
SLDB	Soild Biosciences Inc.	SLDB	No	NASDAQ	4:00	8
SMPL	The Simply Good Foods Company	SMPL	No	NASDAQ	4:00	8
SNCR	Synchronoss Technologies, Inc.	SNCR	No	NASDAQ	4:00	8
SPTM	SPDR Portfolio S&P 1500 Composite Stock Market ETF	SPTM	No	NYSE ARCA	4:00	8
SUI	Sun Communities, Inc.	SUI	No	NYSE	4:00	8
TLYS	Tilly's Inc.	TLYS	No	NYSE	4:00	8
TMHC	Taylor Morrison Home Corporation	TMHC	No	NYSE	4:00	8
TRHC	Tabula Rasa Healthcare, Inc.	TRHC	No	NASDAQ	4:00	8

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TRIL	Trillium Therapeutics Inc.	TRIL	No	NASDAQ	4:00	8
TUFN	Tufin Software Technologies Ltd.	TUFN	No	NYSE	4:00	8
TXG	10x Genomics, Inc.	TXG	No	NASDAQ	4:00	8
USX	US Xpress Enterprises Inc.	USX	No	NYSE	4:00	9
VBTX	Veritex Holdings, Inc.	VBTX	No	NASDAQ	4:00	9
VERU	Veru Inc.	VERU	No	NASDAQ	4:00	9
VET	Vermilion Energy Inc.	VET	No	NYSE	4:00	9
WDFC	Wd-40 Company	WDFC	No	NASDAQ	4:00	10
WVE	Wave Life Sciences Ltd	WVE	No	NASDAQ	4:00	10
ZIXI	Zix Corporation	ZIXI	No	NASDAQ	4:00	11
ZYME	Zymeworks Inc.	ZYME	No	NYSE	4:00	11

Please contact MIAX Options Listings with any questions.

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