

The option classes listed below will begin trading on the MIAX Options Exchange at the start of trading on **Monday, October 31, 2022**. 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
ABOS	ACUMEN PHARMACEUTICALS, INC.	ABOS	No	NASDAQ	4:00	Citadel Securities, LLC	1
ALHC	ALIGNMENT HEALTHCARE INC.	ALHC	No	NASDAQ	4:00	Citadel Securities, LLC	1
BYRN	BYRNA TECHNOLOGIES INC.	BYRN	No	NASDAQ	4:00	Susquehanna Securities	2
DEN	DENBURY INC.	DEN	No	NYSE	4:00	Citadel Securities, LLC	4
DIBS	1STDIBS.COM, INC.	DIBS	No	NASDAQ	4:00	Wolverine Trading, LLC	4
DTM	DT Midstream Inc.	DTM	No	NYSE	4:00	Citadel Securities, LLC	4
ECOM	ChannelAdvisor Corp.	ECOM	No	NYSE	4:00	Susquehanna Securities	5
ERAS	ERASCA, INC.	ERAS	No	NASDAQ	4:00	Susquehanna Securities	5
FMS	Fresenius Medical Care AG & Co KGaA	FMS	No	NYSE	4:00	Citadel Securities, LLC	6
HGTY	HAGERTY INC	HGTY	No	NYSE	4:00	Susquehanna Securities	8
IMRA	IMARA INC.	IMRA	No	NASDAQ	4:00	Susquehanna Securities	9
KRG	Kite Realty Group Trust	KRG	No	NYSE	4:00	Wolverine Trading, LLC	10
LLAP	TERRAN ORBITAL CORPORATION	LLAP	No	NYSE	4:00	Citadel Securities, LLC	11
LOGC	LOGICBIOTHERAPEUTICS, INC.	LOGC	No	NASDAQ	4:00	Susquehanna Securities	11
NIB	iPath Bloomberg Cocoa Subindex Total Return ETN	NIB	No	NYSE Arca	4:00	Susquehanna Securities	13
PHO	Invesco Water Resources ETF	PHO	No	NASDAQ	4:00	Wolverine Trading, LLC	14
POSH	POSHMARK INC.	POSH	No	NASDAQ	4:00	Susquehanna Securities	14
PPTA	PERPETUA RESOURCES CORP.	PPTA	No	NASDAQ	4:00	Susquehanna Securities	14
QBTS	D-WAVE QUANTUM INC.	QBTS	No	NYSE	4:00	Citadel Securities, LLC	15
RELL	Richardson Electronics Ltd	RELL	No	NASDAQ	4:00	Citadel Securities, LLC	15
RPAR	RPAR RISK PARITY	RPAR	No	NYSE Arca	4:00	Wolverine Trading, LLC	15
SCHB	Schwab US Broad Market ETF	SCHB	No	NYSE Arca	4:00	Wolverine Trading, LLC	16

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SCPH	SCPHARMACEUTICALS, INC.	SCPH	No	NASDAQ	4:00	Citadel Securities, LLC	16
SEF	Short Financials ProShares	SEF	No	NYSE Arca	4:00	Wolverine Trading, LLC	16
SGML	SIGMA LITHIUM CORP	SGML	No	NASDAQ	4:00	Susquehanna Securities	16
STOK	STOKE THERAPEUTICS, INC.	STOK	No	NASDAQ	4:00	Susquehanna Securities	16
STSA	SATSUMA PHARMACEUTICALS, INC.	STSA	No	NASDAQ	4:00	Citadel Securities, LLC	16
THCH	TH International Limited	THCH	No	NASDAQ	4:00	Citadel Securities, LLC	17
THTX	THERATECHNOLOGIES INC.	THTX	No	NASDAQ	4:00	Susquehanna Securities	17
TYD	Direxion Daily 7 to 10 Year Treasury Bull 3X Shrs	TYD	No	NYSE Arca	4:00	Wolverine Trading, LLC	17
ULE	ProShares Ultra Euro	ULE	No	NYSE Arca	4:00	Susquehanna Securities	18
VTYX	VENTYX BIOSCIENCES, INC.	VTYX	No	NASDAQ	4:00	Citadel Securities, LLC	19

Please contact MIAX Options Listings with any questions.

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