



The option classes listed below will begin trading on the MIAX Options Exchange at the start of trading on **Friday, April 9, 2021**. 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
ADN	Advent Technologies Holdings, Inc.	ADN	No	NASDAQ	4:00	Wolverine Trading, LLC	1
ADTX	ADITX THERAPEUTICS, INC.	ADTX	No	NASDAQ	4:00	Susquehanna Securities	1
AFI	Armstrong Flooring, Inc.	AFI	No	NYSE	4:00	Susquehanna Securities	1
AGC	ALTIMETER GROWTH CORP	AGC	No	NASDAQ	4:00	Susquehanna Securities	1
AGCB	ALTIMETER GROWTH CORP	AGCB	No	NYSE	4:00	Citadel Securities, LLC	1
AKRO	AKERO THERAPEUTICS, INC.	AKRO	No	NASDAQ	4:00	Citadel Securities, LLC	1
ALGM	ALLEGRO MICROSYSTEMS, INC.	ALGM	No	NASDAQ	4:00	Wolverine Trading, LLC	1
APEN	APOLLO ENDOSURGERY INC	APEN	No	NASDAQ	4:00	Susquehanna Securities	1
ASTS	AST SpaceMobile, Inc.	ASTS	No	NASDAQ	4:00	Susquehanna Securities	1
ASYS	Amtech Systems, Inc.	ASYS	No	NASDAQ	4:00	Wolverine Trading, LLC	1
AVCT	AMERICAN VIRTUAL CLOUD TECHNOLOGIES INC	AVCT	No	NASDAQ	4:00	Wolverine Trading, LLC	1
AWAY	ETFMG TRAVEL TECH ETF	AWAY	No	NYSE Arca	4:00	Citadel Securities, LLC	1
AZUL	Azul S.A.	AZUL	No	NYSE	4:00	Citadel Securities, LLC	1
BBIG	VINCO VENTURES, INC.	BBIG	No	NASDAQ	4:00	Citadel Securities, LLC	2
BQ	BOQII HOLDING LIMITED SPONSORED ADR	BQ	No	NYSE	4:00	Susquehanna Securities	2
BRF	VanEck Vectors Brazil Small-Cap ETF	BRF	No	NYSE Arca	4:00	Citadel Securities, LLC	2
BRMK	BROADMARK REALTY CAPITAL INC	BRMK	No	NYSE	4:00	Wolverine Trading, LLC	2
BSIG	BRIGHTSPHERE INVESTMENT GROUP INC	BSIG	No	NYSE	4:00	Citadel Securities, LLC	2
BTAQ	BURGUNDY TECHNOLOGY ACQUISITION CORP.	BTAQ	No	NASDAQ	4:00	Wolverine Trading, LLC	2



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BUZZ	VANECK VECTORS SOCIAL SENTIMENT ETF	BUZZ	No	NYSE Arca	4:00	Wolverine Trading, LLC	2
BWAC	BETTER WORLD ACQUISITION CORP.	BWAC	No	NASDAQ	4:00	Citadel Securities, LLC	2
CAPA	HIGHCAPE CAPITAL ACQUISITION CORP	CAPA	No	NASDAQ	4:00	Susquehanna Securities	3
CCAC	CITIC CAPITAL ACQUISITION CORP.	CCAC	No	NYSE	4:00	Wolverine Trading, LLC	3
CDXC	ChromaDex Corporation	CDXC	No	NASDAQ	4:00	Susquehanna Securities	3
CFAC	CF FINANCE ACQUISITION CORP	CFAC	No	NASDAQ	4:00	Citadel Securities, LLC	3
CHMA	CHIASMA INC	CHMA	No	NASDAQ	4:00	Susquehanna Securities	3
CLGX	CoreLogic Inc.	CLGX	No	NYSE	4:00	Susquehanna Securities	3
CLII	CLIMATE CHANGE CRISIS	CLII	No	NYSE	4:00	Susquehanna Securities	3
CMLF	CM LIFE SCIENCES, INC	CMLF	No	NASDAQ	4:00	Citadel Securities, LLC	3
CMPS	COMPASS PATHWAYS PLC	CMPS	No	NASDAQ	4:00	Citadel Securities, LLC	3
CNYA	iShare MSCI China A ETF	CNYA	No	BATS	4:00	Wolverine Trading, LLC	3
CO	Global Cord Blood Corporation	CO	No	NYSE	4:00	Susquehanna Securities	3
CONX	CONX CORP.	CONX	No	NASDAQ	4:00	Wolverine Trading, LLC	3
CPSH	CPS TECHNOLOGIES CORPORATION	CPSH	No	NASDAQ	4:00	Wolverine Trading, LLC	3
CRSA	CRESCENT ACQUISITION CORP	CRSA	No	NASDAQ	4:00	Citadel Securities, LLC	3
DAO	YUDDAO INC	DAO	No	NYSE	4:00	Citadel Securities, LLC	4
DMYD	DMY TECHNOLOGY GROUP	DMYD	No	NYSE	4:00	Citadel Securities, LLC	4
DMYI	DMY TECHNOLOGY GROUP, INC. III	DMYI	No	NYSE	4:00	Citadel Securities, LLC	4
DRIV	GLOBAL X AUTONOMOUS & ELECTRIC VEHICLES ETF	DRIV	No	NASDAQ	4:00	Susquehanna Securities	4
DXYN	Dixie Group Inc.	DXYN	No	NASDAQ	4:00	Wolverine Trading, LLC	4
EARS	AURIS MEDICAL HOLDING LTD.	EARS	No	NASDAQ	4:00	Citadel Securities, LLC	5
EC	Ecopetrol SA	EC	No	NYSE	4:00	Wolverine Trading, LLC	5
EPM	Evolution Petroleum Corporation	EPM	No	AMEX	4:00	Citadel Securities, LLC	5



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EQOS	DIGINEX LIMITED	EQOS	No	NASDAQ	4:00	Wolverine Trading, LLC	5
EVGN	EVOGENE LTD	EVGN	No	NASDAQ	4:00	Citadel Securities, LLC	5
EXPC	EXPERIENCE INVESTMENT CORP	EXPC	No	NASDAQ	4:00	Wolverine Trading, LLC	5
FAII	FORTRESS VALUE ACQUISITION CORP. II	FAII	No	NYSE	4:00	Susquehanna Securities	6
FDUS	Fidus Investment Corporation	FDUS	No	NASDAQ	4:00	Susquehanna Securities	6
FMAC	FIRSTMARK HORIZON ACQUISITION CORP	FMAC	No	NYSE	4:00	Citadel Securities, LLC	6
FPAC	FAR PEAK ACQUISITION CORP.	FPAC	No	NYSE	4:00	Wolverine Trading, LLC	6
FRBK	Republic First Bancorp Inc.	FRBK	No	NASDAQ	4:00	Citadel Securities, LLC	6
FRSX	FORESIGHT AUTONOMOUS HOLDINGS LTD	FRSX	No	NASDAQ	4:00	Susquehanna Securities	6
FSRV	FINSERV ACQUISITION CORP	FSRV	No	NASDAQ	4:00	Susquehanna Securities	6
FUSE	FUSION ACQUISITION CORP.	FUSE	No	NYSE	4:00	Citadel Securities, LLC	6
GLUU	Glu Mobile Inc	GLUU	No	NASDAQ	4:00	Susquehanna Securities	7
GNLN	GREENLANE HOLDINGS, INC	GNLN	No	NASDAQ	4:00	Susquehanna Securities	7
GNRS	GREENROSE ACQUISITION CORP	GNRS	No	NASDAQ	4:00	Citadel Securities, LLC	7
GOL	GOL LINHAS AEREAS INTELIGENTIES SA	GOL	No	NYSE	4:00	Susquehanna Securities	7
GWPH	GW Pharmaceuticals plc	GWPH	No	NASDAQ	4:00	Citadel Securities, LLC	7
HAAC	HEALTH ASSURANCE ACQUISITION CORP	HAAC	No	NASDAQ	4:00	Wolverine Trading, LLC	8
HGEN	HUMANIGEN INC	HGEN	No	NASDAQ	4:00	Susquehanna Securities	8
HOL	HOLICITY INC	HOL	No	NASDAQ	4:00	Wolverine Trading, LLC	8
HYFM	HYDROFARM HOLDINGS GROUP, INC	HYFM	No	NASDAQ	4:00	Wolverine Trading, LLC	8
HYMC	HYCROFT MINING HOLDING	HYMC	No	NASDAQ	4:00	Wolverine Trading, LLC	8
HZON	HORIZON ACQUISITION CORP. II	HZON	No	NYSE	4:00	Wolverine Trading, LLC	8
IMH	Impac Mortgage Holdings Inc	IMH	No	AMEX	4:00	Wolverine Trading, LLC	9
IRBO	iShares Robo and Artificial Intel Multisector ETF	IRBO	No	NYSE Arca	4:00	Citadel Securities, LLC	9
IZEA	IZEA WORLDWIDE, INC.	IZEA	No	NASDAQ	4:00	Wolverine Trading, LLC	9



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LESL	LESLIES INC	LESL	No	NASDAQ	4:00	Wolverine Trading, LLC	11
LODE	Comstock Mining, Inc.	LODE	No	AMEX	4:00	Susquehanna Securities	11
MLSS	MILESTONE SCIENTIFIC, INC	MLSS	No	AMEX	4:00	Citadel Securities, LLC	12
MOGO	MOGO INC	MOGO	No	NASDAQ	4:00	Morgan Stanley	12
MREO	MEREO BIOPHARMA GROUP PLC SPONSORED ADR	MREO	No	NASDAQ	4:00	Citadel Securities, LLC	12
NCTY	THE9 LTD. SPONSORED ADR	NCTY	No	NASDAQ	4:00	Wolverine Trading, LLC	13
NGAC	NEXTGEN ACQUISITION CORP	NGAC	No	NASDAQ	4:00	Susquehanna Securities	13
NXE	NEXGEN ENERGY LTD.	NXE	No	AMEX	4:00	Susquehanna Securities	13
OCDX	ORTHO CLINICAL DIAGNOSTICS	OCDX	No	NASDAQ	4:00	Citadel Securities, LLC	14
OCGN	OCUGEN INC	OCGN	Yes	NASDAQ	4:00	Susquehanna Securities	14
PACE	TPG PACE TECH OPPORTUNITY	PACE	No	NYSE	4:00	Wolverine Trading, LLC	14
PAE	PAE INCORPORATED	PAE	No	NASDAQ	4:00	Citadel Securities, LLC	14
PARR	Par Pacific Holdings, Inc.	PARR	No	NYSE	4:00	Citadel Securities, LLC	14
PAVM	PAVMED INC	PAVM	No	NASDAQ	4:00	Wolverine Trading, LLC	14
PDAC	PERIDOT ACQUISITION CORP	PDAC	No	NYSE	4:00	Wolverine Trading, LLC	14
PHIO	PHIO PHARMACEUTICALS CORP.	PHIO	No	NASDAQ	4:00	Susquehanna Securities	14
PIPP	PINE ISLAND ACQUISITION CORP	PIPP	No	NYSE	4:00	Susquehanna Securities	14
POTX	GLOBAL X CANNABIS ETF	POTX	No	NASDAQ	4:00	Citadel Securities, LLC	14
PRPB	CC NEUBERGER PRINCIPAL HOLDINGS II	PRPB	No	NYSE	4:00	Susquehanna Securities	14
PTMN	Portman Ridge Finance Corporation	PTMN	No	NASDAQ	4:00	Susquehanna Securities	14
PXJ	Invesco Dynamic Oil & Gas Services ETF	PXJ	No	NYSE Arca	4:00	Susquehanna Securities	14
RBAC	REDBALL ACQUISITION CORP.	RBAC	No	NYSE	4:00	Wolverine Trading, LLC	15
RTP	REINVENT TECHNOLOGY	RTP	No	NYSE	4:00	Susquehanna Securities	15
RWLK	REWALK ROBOTICS LTD.	RWLK	No	NASDAQ	4:00	Citadel Securities, LLC	15
SEEL	SEELOS THERAPEUTICS, INC	SEEL	No	NASDAQ	4:00	Citadel Securities, LLC	16



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SINO	SINO-GLOBAL SHIPPING AMERICA, LTD.	SINO	No	NASDAQ	4:00	Citadel Securities, LLC	16
SOAC	SUSTAINABLE OPPORTUNITIES ACQUISITION CORPORATION	SOAC	No	NYSE	4:00	Susquehanna Securities	16
SPKE	Spark Energy Inc	SPKE	No	NASDAQ	4:00	Wolverine Trading, LLC	16
SPRQ	SPARTAN ACQUISITION CORP II	SPRQ	No	NYSE	4:00	Susquehanna Securities	16
SRGA	Surgalign Holdings, Inc.	SRGA	No	NASDAQ	4:00	Citadel Securities, LLC	16
SSPK	SILVER SPIKE ACQUISITION CORP	SSPK	No	NASDAQ	4:00	Susquehanna Securities	16
STXS	STEREOTAXIS, INC.	STXS	No	AMEX	4:00	Citadel Securities, LLC	16
SUBZ	ROUNDHILL STREAMING SERVICES & TECHNOLOGY ETF	SUBZ	No	NYSE Arca	4:00	Citadel Securities, LLC	16
SUP	SUPERIOR INDUSTRIES INT	SUP	No	NYSE	4:00	Susquehanna Securities	16
SVAC	STARBOARD VALUE ACQUISITION	SVAC	No	NASDAQ	4:00	Citadel Securities, LLC	16
TBA	THOMA BRAVO ADVANTAGE	TBA	No	NYSE	4:00	Susquehanna Securities	17
TBK	TRUMPH BANCORP INC	TBK	No	NASDAQ	4:00	Wolverine Trading, LLC	17
THCA	TUSCAN HOLDINGS CORP. II	THCA	No	NASDAQ	4:00	Citadel Securities, LLC	17
THCB	TUSCAN HOLDINGS CORP	THCB	No	NASDAQ	4:00	Susquehanna Securities	17
TLND	Talend SA Sponsored ADR	TLND	No	NASDAQ	4:00	Citadel Securities, LLC	17
TTI	TETRA Technologies, Inc.	TTI	No	NYSE	4:00	Susquehanna Securities	17
TTT	ProShares UltraPro Short 20+ Year Treasury	TTT	No	NYSE Arca	4:00	Wolverine Trading, LLC	17
TYME	TYME Technologies Inc	TYME	No	NASDAQ	4:00	Susquehanna Securities	17
UAVS	AGEAGLE AERIAL SYSTEM INC.	UAVS	No	AMEX	4:00	Citadel Securities, LLC	18
VISL	VISLINK TECHNOLOGIES, INC.	VISL	No	NASDAQ	4:00	Citadel Securities, LLC	19
VRTV	Veritiv Corporation	VRTV	No	NYSE	4:00	Citadel Securities, LLC	19
WIFI	Boingo Wireless Inc	WIFI	No	NASDAQ	4:00	Susquehanna Securities	19
WOW	WideOpenWest, Inc.	WOW	No	NYSE	4:00	Citadel Securities, LLC	19
WPF	FOLEY TRASIMENE ACQUISITION CORP.	WPF	No	NYSE	4:00	Wolverine Trading, LLC	19



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XAIR	BEYOND AIR INC	XAIR	No	NASDAQ	4:00	Susquehanna Securities	20
XM	QUALTRICS INTERNATIONAL	XM	No	NASDAQ	4:00	Susquehanna Securities	20
ZNTE	ZANITE ACQUISTIONS CORP	ZNTE	No	NASDAQ	4:00	Wolverine Trading, LLC	21

Please contact MIAX Options Listings with any questions.

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