



THE WORLD'S LARGEST NFT DATA RESOURCE



# WHALE VAULT VALUATION

09.30.2022 – September 2022

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# Purpose of the Report

This report published by NonFungible.com aims to give a clear and exhaustive inventory of the VAULT backing \$WHALE, inform about the overall value of the VAULT, its distribution between projects and, if necessary, bring to light any risk of asset monopolies.

This audit now takes in consideration the Non-Fungible (NFT) and Fungible (crypto-currencies,...) assets in the VAULT, including the amount in the \$WHALE Liquidity Pool. It has been conducted autonomously and transparently by the NonFungible.com team and will be published on a regular basis to report on the evolution of the VAULT content and value over time.



This edition of the \$Whale VAULT valuation report has been built with the kind help of the Museum of Contemporary Digital Art (MoCDA). This collaboration between NonFungible.com and MoCDA has mixed insights from the traditional art market and from the NFT markets to value digital artwork.

This audit is based on the following Ethereum wallet:

- [0xe7079eec020ddfc3f1c0abe1d946c55e6ed30eb3](https://etherscan.io/address/0xe7079eec020ddfc3f1c0abe1d946c55e6ed30eb3)
- [0xA130A5e02752B1Ab33c836e1BbCC29697d17c95B](https://etherscan.io/address/0xA130A5e02752B1Ab33c836e1BbCC29697d17c95B)

The previous edition of the report can be found here: <https://nonfungible.com/static/august-2022-whale-vault-valuation.pdf>

NonFungible.com received 100,000 \$WHALE tokens (1% of the total supply), as a payment for these audits. Another 100,000 \$WHALE tokens has been vested to NonFungible.com over the course of 2 years.

# Methodology

In the interest of complete transparency towards \$WHALE buyers and users, we have chosen to **publicly share the methodologies** that led to the evaluation of the VAULT. As the VAULT presents a wide variety of assets, it was necessary to identify for each type of asset, **the criteria that define its value and its scarcity** compared to the others.

Note that both **ETH and USD prices** (at the time of the sales & current values) have been taken in account to estimate the assets. As we do not track ERC-1155 yet, some asset hasn't been considered for this valuation.

The following slides present the major lines of our calculation methodology for the main types of assets in the VAULT.

It is important to keep in mind that **these methodologies are meant to evolve over time**, depending on the markets, the evolution of projects, and of course the assets that will constitute the VAULT tomorrow.

The NonFungible.com team remains available to answer any questions regarding the dataset used or the calculation methods.



# Methodology



## THE SANDBOX

During our analyzes we identified differences in pricing between the areas of the first (upper zone) and second presale (lower zone).

In order to assess the 1,697 plots of The Sandbox in the VAULT, we applied the average price over the past few months on the secondary market only, respectively \$1,856 for the lower zone and \$2,030 for the upper zone.

The Sandbox parcels assessment has been partly based on the heatmap presented on the right.



## VOXELS

The average value of parcels per Suburb has been selected as the main criteria defining the value of Voxels assets.

This value has been weighted based on value evolution over time.



## GODS UNCHAINED

The average price of each card based on card name and quality on the secondary market in the previous months has determined the value of each Gods Unchained Card.

For certain very rare assets or those with no secondary market (i.e. Mythic Cards) the purchase price has been kept as a reference value.

Some Diamond Legendary cards were never sold in the secondary market. The average price based on rarity, quality and god determined the value of these cards for this valuation.

# Methodology



## SUPERRARE

The main criteria defining the value of a work of art remains the artist who created it. The price of assets from SuperRare was therefore estimated based on the average price of each artist's works.

As the secondary market volumes are too low, no weighting has been applied between the primary and secondary markets.



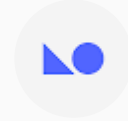
## FOUNDATION

The average price per artist defined the value of each piece of art from Nifty Gateway. The unique editions are valued separately from the Open editions.



## NIFTY GATEWAY

The average price per artist defined the value of each piece of art from Nifty Gateway. The unique editions are valued separately from the Open editions.



## KNOWNORIGIN

The average price per artist over the past few months defined the value of each artwork from KnownOrigin present in the VAULT.

As the secondary market volumes are too low, no weighting has been applied between the primary and secondary markets.



## MAKERSPLACE

The average price per artist defined the value of each piece of art from MakersPlace.

As the secondary market volumes are still too small, no weighting has been applied between the primary and secondary markets.

# Methodology



## TERRA VIRTUA

The name of the movie poster emerged as the criteria defining the value of each asset and offering greater analytical finesse than the Rarity of the asset.

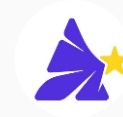
The average value of each asset over the past months (primary and secondary markets) has been used to assess Terra Virtua's assets.



## JOY WORLD

Since almost all of JOY World's assets are unique, it is more difficult to compare asset ratings with each other via relevant categories.

It was decided to separately track the market value for each asset in the JOY World collection, based on the previous secondary market sales.



## AVASTARS

The Serial number (# 0 to # 5172) and the Level (Common to Legendary) were retained as key criteria defining the value of avatars. It is by crossing these two criteria and correlating them with their evolution over time that the value of Avastars assets has been defined.

As the secondary market volumes for the legendary avatars are still too low, no weighting has been applied between the primary market and the secondary market. Finally, extremely rare assets, such as Legendary Avatars # 0 and # 1 have no comparison to date. The purchase price has for the moment been kept as a reference value for these assets.



# Methodology



## ETHEREUM NAME SERVICE

Each ENS is unique by definition. The most relevant criteria that appeared to define the value of ENS domain names is the number of characters that make up the domain name, and if the names makes sense.

This value by name size has been weighted according to the price on the secondary market and the evolution of the price for the past 3 months.

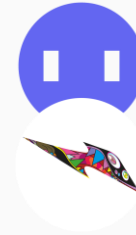
Finally, for "exceptional" domain names, the purchase price has been kept as a reference value, due to the lack of a secondary market.



## RTFKT

We have grouped together within RTFKT three collections: RTFKT MNLTH, RTFKT PodX and Cyber Factory 2.

The methodology used is based on the average price history as well as the offers for each collection.



## PFP (CloneX, Meebits)

We took into account the price history of each person with one or more of the same characteristics of the NFTs held and determined the average price to know the value of each NFT held in the vault.

A "Pig" meebits or a CloneX with a Murakami trait will therefore be worth more.



## CRYPTOMOTORS

The methodology has been updated to reflect the updated price of some collections of cars that have not been traded for a very long time.

The estimate now takes into account the average value of each range (SUV, Abyssus, Sedan, etc.) over the past few months, in order to rely on representative market volumes.



# Methodology



## NBA TOP SHOT

NBA Top Shot Moments (cards) have been priced considering transactions since January 2021 and prioritizing the most recent transactions whenever possible.

Each Moment is estimated by taking into account the average value of previous sales:

- Of the same player (ex. LeBron James)
- In the same set (ex. From the Top)

This average value is calculated over the past 3 months and excludes two specific cases which are treated separately:

- Moments numbered #1
- Moments whose number matches the player's Jersey number

To estimate the value of these two special cases, we have two methodologies:

1. If a moment from this Player numbered #1 or with Jersey number has been sold in the past few months, we take in account this last sale
1. If no sale with these characteristics occurs, we calculate the Average price difference between “normal” cards (not #1 and not Jersey) and #1 cards and then between normal cards and cards with the player's Jersey number. As we've identified that the initial Moment Price had an impact on the #1 and Jersey cards, we have identified a percentage per range of value of the initial Moment.

Example:

Over the last three months, the average value of LeBron James cards (Player ID # 2544) in the From the Top set (59 cards available) except # 1 and # 23 (LeBron Jersey) is thus used to estimate the LeBron James in this set.

*Note: Market Floor Price has not been used in this valuation.*

# Methodology



## OTHER ARTISTS OR MARKETPLACES

Following the feedback on the first assessment, we completely overhauled the valuation model for artworks and independent artists, with the help of MoCDA's art market experts.

Here are some of the rules that have made it possible to adjust the valuation of works:

- Reduce the time period taken into account (the rating of an artist in the NFT ecosystem can change quickly, it was not relevant to take into account sales older than 6 months)
- Sales of unique / incomparable purchases with other assets define the reference price of these works.
- The overall reputation of the artist and / or the work (social media, web, galleries, etc.) contributing to the value of the asset

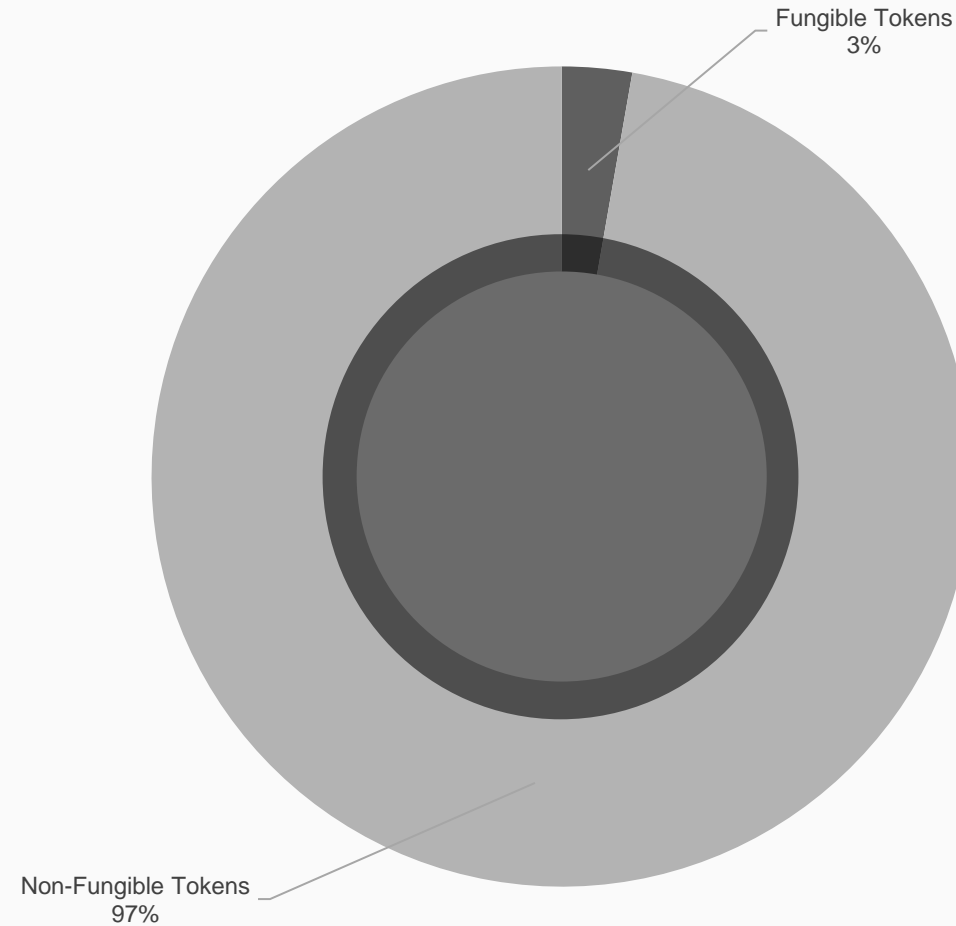
- Bid wars when buying help define how the market perceives the value of the asset.
- The bids that have been made since the acquisition of the work should be considered with caution but can provide information on the perceived price of the work on the market.

## OTHER ASSETS

For the other projects, the average value of project assets over the last few months has defined the value of the other VAULT assets.

Note that some projects had too small overall market volumes (Primary and Secondary) to conduct an analysis with greater granularity.

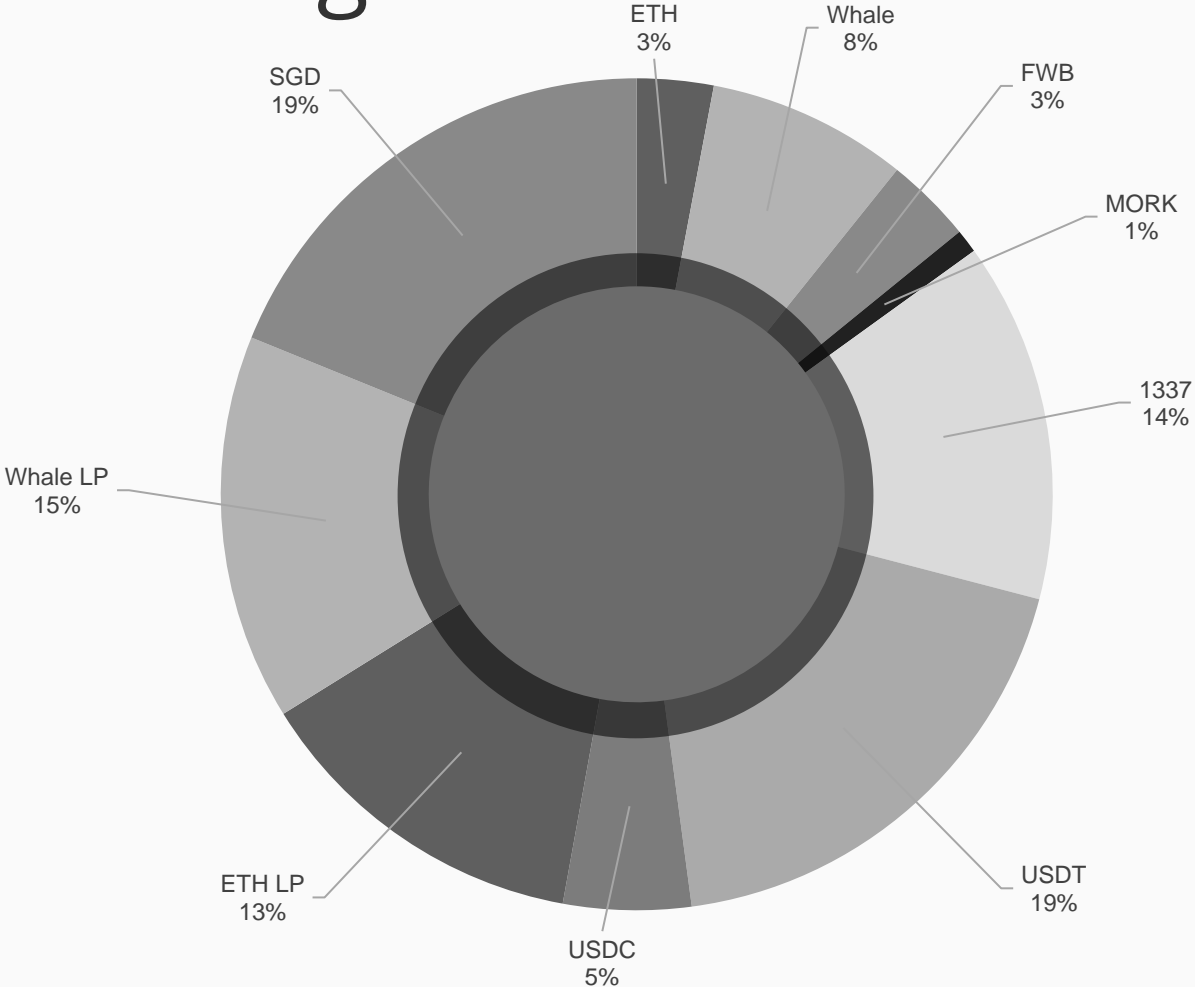
# Total Vault Valuation



\$75,011,483



# Fungible Assets Value



\$ 2,069,706



# Fungible Assets Value

## Liquidity Pool

237,845 WHALE  
208.52 ETH  
Cryptocurrencies

SGD 557,350  
FIAT Reserve

\$ 975,883  
Liquidity Pool USD Value

## Wallets

46.58 ETH  
123,532 WHALE  
1,000,000 1337  
Cryptocurrencies in 0xE70...0eB3 and 0xfcB...980F

7,900 FWB  
49,999 MORK

102,700 USDC  
389,648 USDT

\$ 1,093,823  
Wallets USD Value

## Current Value

\$ 2,069,706  
Total USD Value



# Non-Fungible Tokens Value

## Volume

13,347

Assets in Portfolio

84

Typologies of Tokens\*\*

## Current Value

\$72,941,777

Total USD Value

(-2.5%\*)

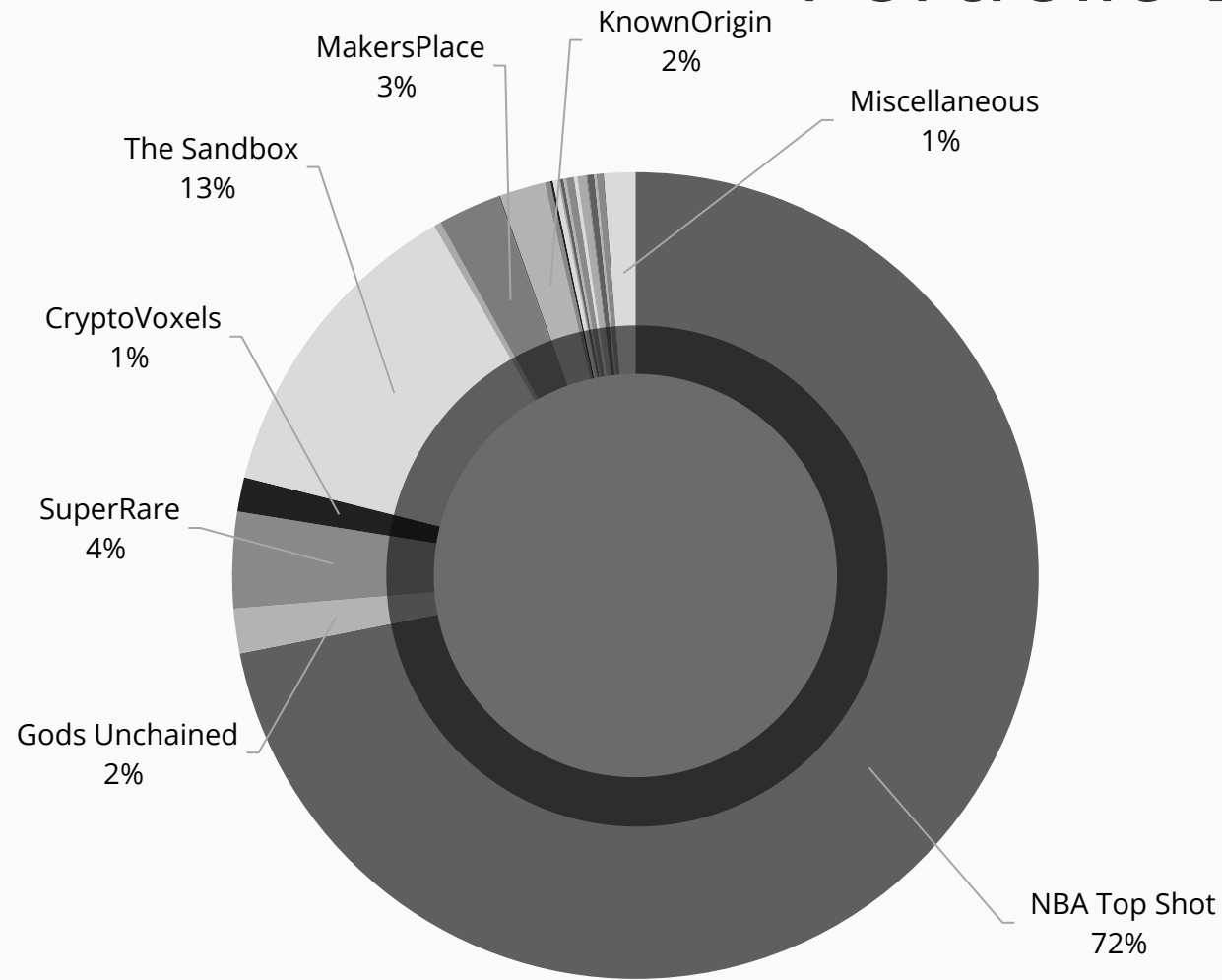
*\*Evolution since previous report (August 2022).*

*\*\*Typologies of Tokens, not volume of projects.*

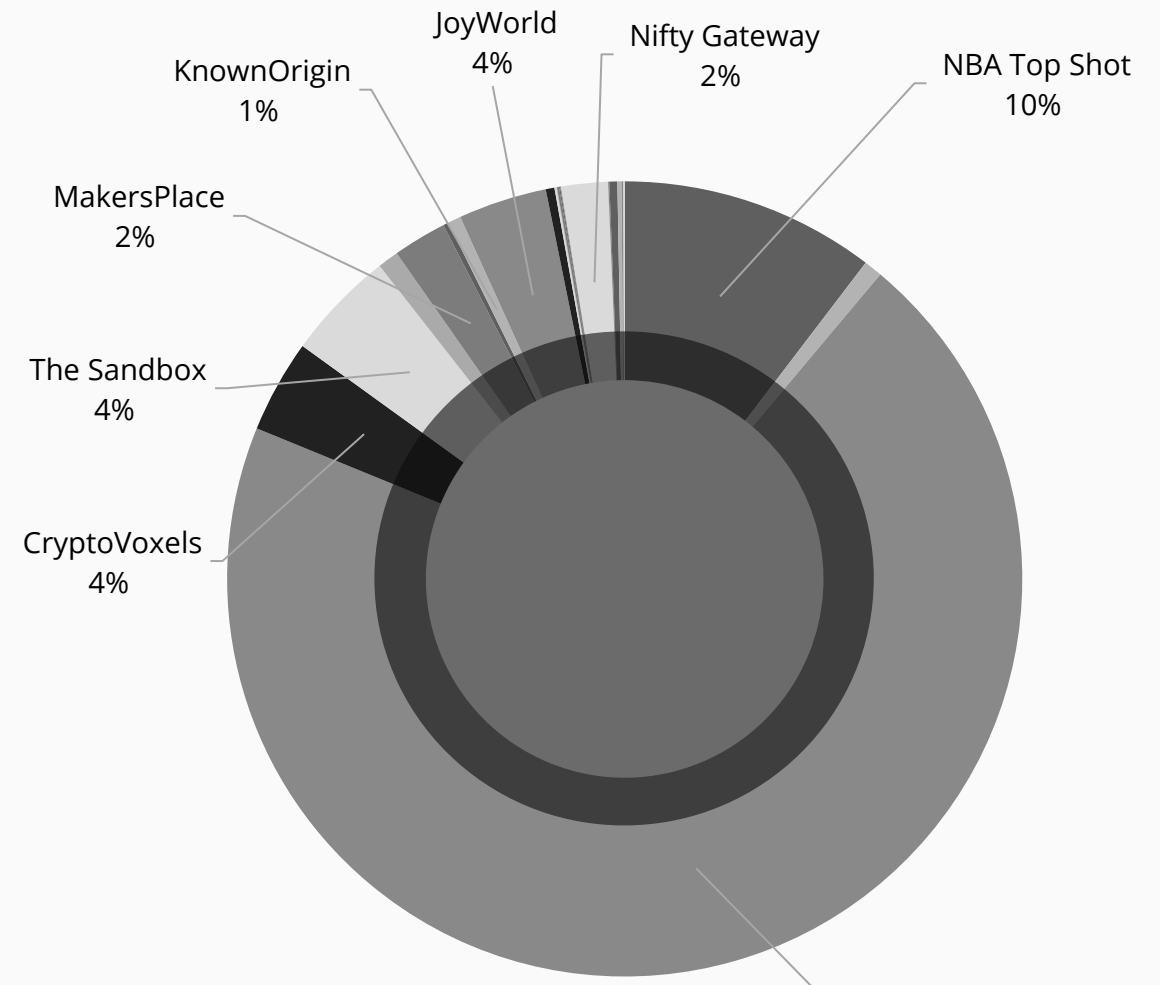
*For example, 3 type of Gods Unchained assets are present in the VAULT: CARD, GU:G:BRD & GU:HYDRA*



# Portfolio Distribution



VOLUME

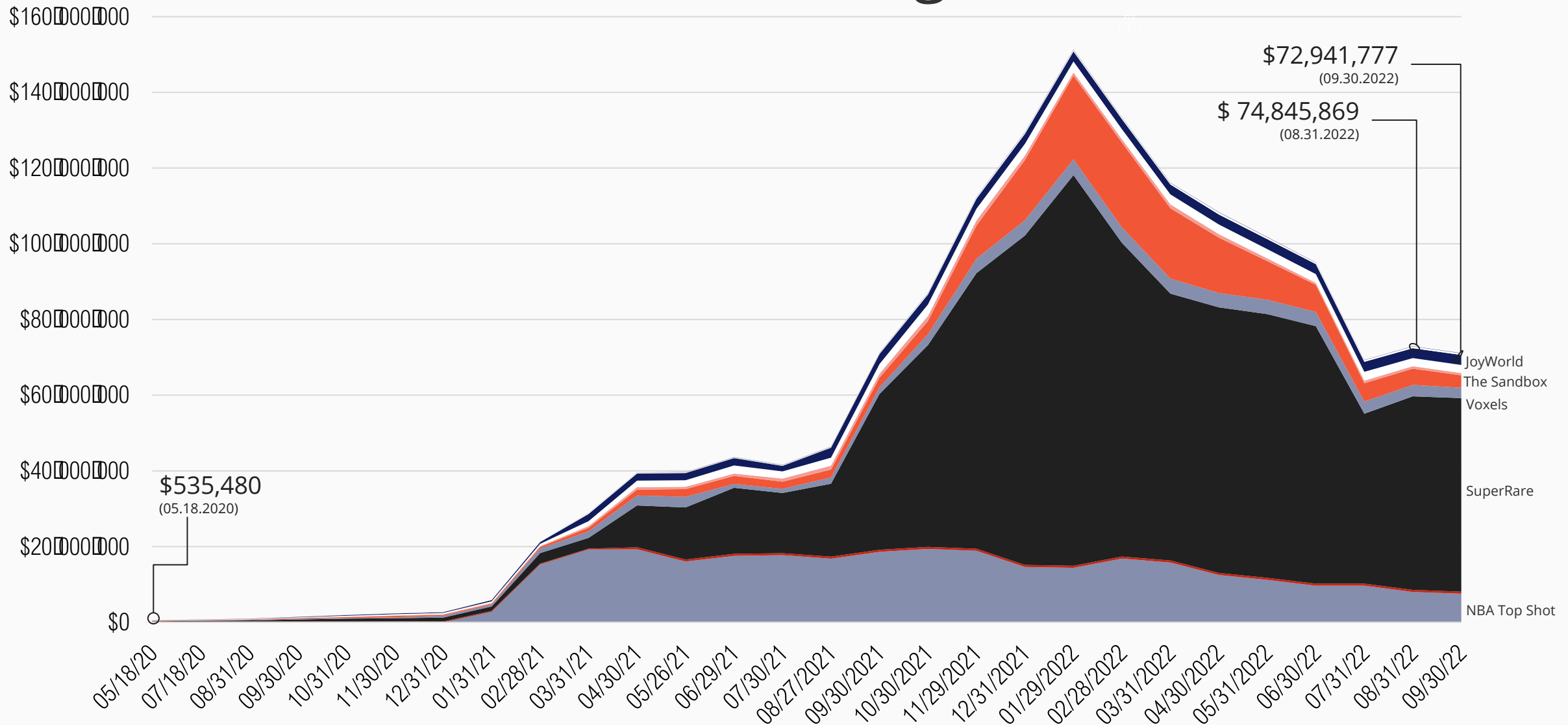


VALUE

























# NFTs value through time



The overall growth in value is due to the increase in value of the assets in the VAULT, the regular addition of new assets to the VAULT and the increase of ETH value.

# Portfolio Valuation Details

	Project	# of assets	Value	
	NBA Top Shot	9,554	\$7,560,644	-5.7% 
	Gods Unchained*	237	\$547,738	N/A
	SuperRare	512	\$51,106,151	-0.02% 
	Voxels	183	\$2,758,844	-8.73% 
	The Sandbox	1 697	\$3,256,379	-23.90% 
	Avastars	37	\$620,807	-6.73% 
	MakersPlace	334	\$1,595,026	+0.34% 
	Pascal Boyart	8	\$159,404	-13.8% 
	Meebits	6	\$31,892	-43.2% 
	KnownOrigin	243	\$386,155	+6.63% 
	JOYWorld	32	\$2,628,663	N/A

## HOW TO READ THESE RESULTS?

The positive or negative trends **DOES NOT NECESSARILY** imply an increase in the value of these assets. The trend can be explained by 3 reasons:

- 1 | addition or removal of some assets in the VAULT
- 2 | market value evolution
- 3 | methodology fine-tuning after community or experts' feedback
















N/A means that no relevant trend has been identified or that the value hasn't changed since previous audit.

**These data should in no way be considered as investment advice.**

\*Gods Unchained moved their cards to Immutable X, the price hasn't been updated.

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# Portfolio Valuation Details

	Project	# of assets	Value	
	Alotta Money	13	\$257,497	-5.85% 
	CryptoMotors	28	\$57,342	N/A
	Ethereum Name Service	9	\$18,415	-8.74% 
	Josie	3	\$62,629	N/A
	Didier Ra	18	\$31,139	-5.94% 
	Nifty Gateway	18	\$1,378,009	+0.18 
	Foundation	37	\$235,044	N/A
	RTFKT	36	\$46,270	-28.8% 
	CloneX	12	\$120,051	-27.6% 
	Miscellaneous	207	\$42,262	N/A

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- 3 | methodology fine-tuning after community or experts' feedback

N/A means that no relevant trend has been identified or that the value hasn't changed since previous audit.

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# Artists Valuation Details

	Artists	Valuation	# of assets	Total Value
	XCOPY	\$1,372,127	23	\$31,558,921
	XCOPY	\$43,730	2	\$87,460
	Pak	\$18,715	13	\$243,298
	Hackatao	\$261,922	13	\$3,404,991
	Hackatao	\$6,803	3	\$20,409
	Pak	\$670,065	18	\$12,061,170
	Pak	\$908,327	1	\$908,327
	Brendan Dawes	\$4,394	54	\$237,276
	Brendan Dawes	\$3,782	19	\$71,858
	NeuroColor	\$5,520	11	\$60,720

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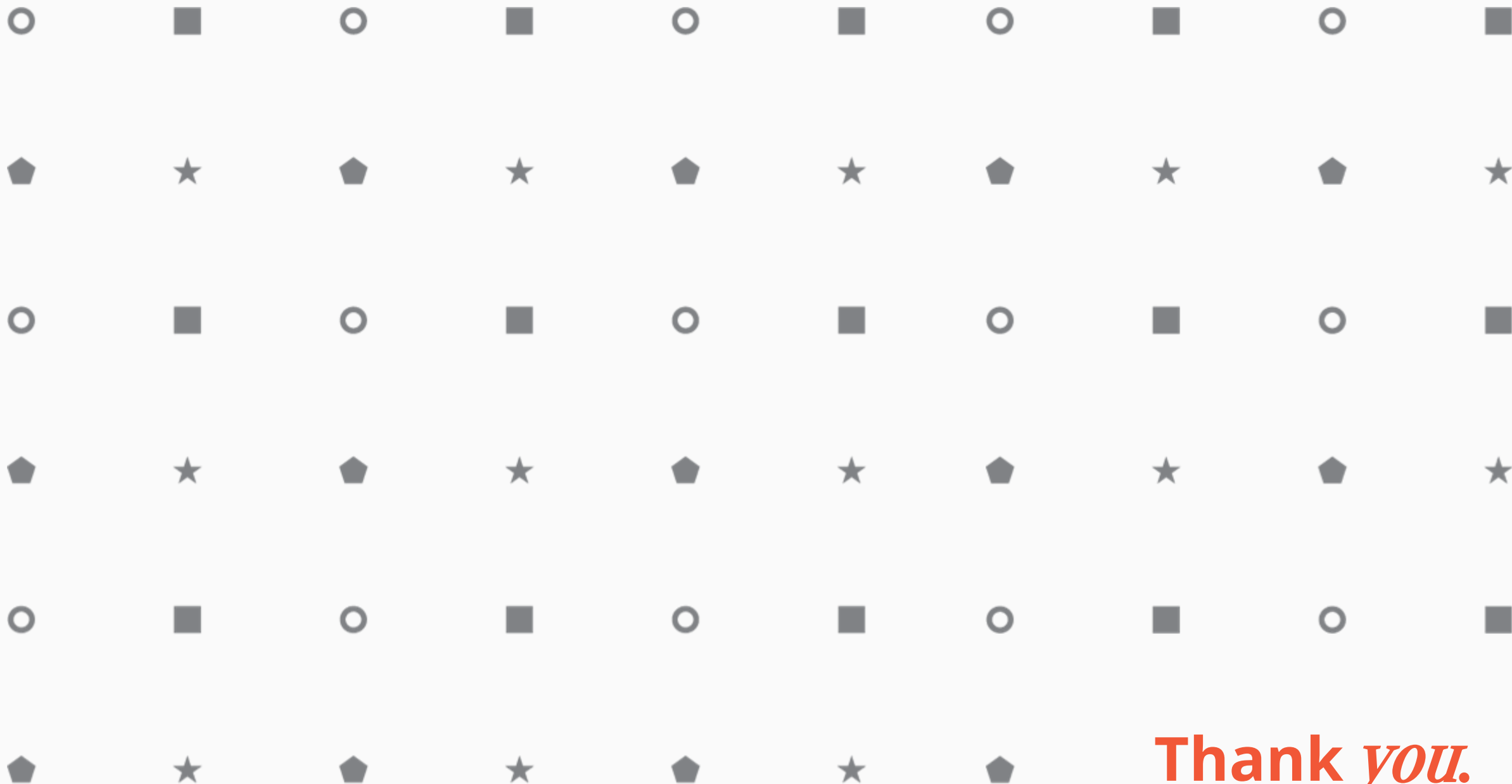
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