

Certificate of Blockchain Timestamp Verification

Strain Name: BCP-Rt-MET

Sample Name: BCP-Rt-MET-20240730

Registrant: Zamir Punja

Stamped FileName: [RSP13192_blockchain.vcf.gz](#) 

Stamped File SHA-256 Hash: [d341b5301a34c359be862adf7480875ac9064ff025e27fb73f48c85563472f83](#)

OTS File: [RSP13192_blockchain.vcf.gz.ots](#) 

OTS SHA-256 Hash: [046cfd982687175fe27d9d5340573fce2a7dea575feb0c797ebd1ef97bc8bf54](#)

Block	Date	Transaction ID	Merkle Root	Verified	QR
869311	2024-11-07	00000000...1620490a	153db96f...6e47abc9	✓	
869320	2024-11-07	00000000...11126a1e	5bd48191...b0b5e116	✓	
869324	2024-11-07	00000000...a449d931	98a0ccb7...12d37df4	✓	
869333	2024-11-07	00000000...07c7ae23	700f6221...6c8ad13c	✓	

Success! Your file is blockchain-stamped

2024-11-07 21:28:39 UTC



OTS File Hex Contents (copy/paste friendly)

```
004f79656e54696d657374616d7073000050726f66690bf99e2e884e892948108d341b5381a34c359be862adf7488875ac9064ff025e27fb73f48c85563472f83f810b994888a2b8efa82f0678161cfaad70308ffff0102c2f96f9b1025aa33e2d2d2230fb439908f0
2097bc358301c10868cd8fb5761255851f8f23f719a1d53d6dd96dbc21109651cf08f020fb0c8066a6a71e342c88579cfe06c95246d1f1128bcc5f4073860d23e01044e3408f104672cd6d8f0804bb3e49630d1f4990083dfc30d2ef90c9e2c2b68747470733a2f2f62
6f622e6274632e63616c656e461722e6f70656e74696d657374616d70732e6f7267ff01068764f118bb7fb6e0d5a066e47d154908f1202167d9729910ffc5b5f441ab1f09ba9b22b5b3993a7763d922423c71d70bfa3508f0200c20b5b2fed80b8724709e68133f
bf5e8a38e14d5ad7341e83a720d338f33da608f104672cd6d7f088ad492f9c790996d39083dfe30d2ef90c9e292868747470733a2f2f626696e6e5792e63616c656e461722e657465726e69747977616c6c2e636f6dfff010f4654988f1ca06ec159e80ec5b8b813a
08f12058710033e2c64e5e9519f66897ec7d3e907761ae315bc0543f4451ae912e174c08f02020dcbe358e0d89e2c77a1caa5877dfc3e438a48fefdb6a1d50029950336850ec88f104672cd6d7f088c9f704e12309a0640083dfe30d2ef90c9e2c2d68747470733a2f
2f616c6963652e6274632e63616c656e461722e6f70656e74696d657374616d70732e6f7267f010ff588f3462fecdd718ac36f4e4c4e647308f120e8a10059b331451383faa4f8685811eb8ed18659c47c97a977f2badd022e8f108f020753021d68071616c42802b
42aa146a1e6017f94811c0283f499f407a1d3a5d8808f104672cd6d7f088824a5b49e759c5080083dfe30d2ef90c9e232268747470733a2f2f6274632e63616c656e461722e636174616c6c6178792e636f6d
```

What is this?

The OTS file detailed above can be downloaded with the provided link, but in the event that the OTS file is no longer available for download, it can be recreated using the above HEX textblock.

1. Copy/paste this into a text file, e.g., RSP13192_ots.hex
2. Convert this to an .ots file using a webserver:

https://tomeko.net/online_tools/hex_to_file.php

Alternatively, use the command line:

```
xxd -r -p RSP13192_ots.hex > RSP13192_blockchain.vcf.gz.ots
```

Example: Successfully Validated OpenTimestamps file

Using your stamped file and corresponding OTS file, validate at:

<https://opentimestamps.org/#stamp-and-verify>

This stamp verifies the file's existence at a specific point in time. Validation can be done independently of Medicinal Genomics® using open-source tools. The necessary OTS file to perform this validation can be recreated from this PDF. Medicinal Genomics® does not guarantee that the stamped file will be hosted on their servers indefinitely. Therefore, it is strongly recommended that owners download and securely retain their stamped files.

STAMP & VERIFY

↓

RSP13374_blockchain.vcf.gz.upgraded.ots 3.8 kB
Stamped SHA256 hash: cd0b4063920ace783fe9c86fe1a6afab3c75891a55bb3b4601b14d1cc246f272

↓

RSP13374_blockchain.vcf.gz 2.2 GB
SHA256: cd0b4063920ace783fe9c86fe1a6afab3c75891a55bb3b4601b14d1cc246f272

✓ SUCCESS!

Bitcoin block 894096 attests existence as of 2025-04-26 EST

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