

Certificate of Blockchain Timestamp Verification

Strain Name: GPie x GodMac cross

Sample Name: GPxGM-Seed_20240925

Registrant: Zamir Punja

Stamped FileName: [RSP13223_blockchain.vcf.gz](#) 

Stamped File SHA-256 Hash: [cafcha373e43843f4c8d7276405d9095b35a227007469ded6a4eafc726054dd6](#)

OTS File: [RSP13223_blockchain.vcf.gz.ots](#) 

OTS SHA-256 Hash: [6be0e77be676b6c472c6dea895d41d3844ebcf8d9984741a4ef9bf6c5caabf5](#)

Block	Date	Transaction ID	Merkle Root	Verified	QR
869016	2024-11-05	00000000...99e232ba	f397da76...720777b1	✓	
869033	2024-11-05	00000000...7cf75dd7	b556659c...c3d84c89	✓	
869111	2024-11-06	00000000...f6651c41	63d89f62...8679b896	✓	

Success! Your file is blockchain-stamped

2024-11-06 11:58:39 UTC



OTS File Hex Contents (copy/paste friendly)

```
004f7965e54696d657374616d7073000050726f6690bf99e2e884e892948108cafba373e43843f4c8d7276495d9095b35a227087469ded5a4eafc726954dd6f0100925b7cd63b0e93ee3364856f4b757c08ff0101e4a26581ac653f5bb41a763bf72609908f1
94572a6c77f9088ff62b7272c7b410083dfe30d2ef99c9e232268747470733a2f2f6274632e83616c056e6461722e636174616c6c6178792e636f6dfff010adcc9113273adcd985f38caf54ee0a08f12062aecfc3d30088455feb7120244c7af107dc9d5d8105ea
f4a41fddfa9be837dd08f104672a6c76f908c069debf379c80e0083dfe30d2ef99c9e2e2d68747470733a2f2f616c6963652e6274632e63616c056e6461722e6f70656e74696d657374616d70732e6f7267fff010b4e5436bcaa1db9194547f92b2a231f08f12052
adbd1b977598e399c254726d945e2a590cad410f1c94920e743bb8aa59a2e08f104672a6c76f908c9f65be6726439459083dfe30d2ef99c9e2c2b68747470733a2f2f626f622e6274632e63616c056e6461722e6f70656e74696d657374616d70732e6f7267f010d9
34ec1efeb14ff31bf18843f8409f1d08f120a11880cf798562f810c1ef74a2b6592bee597e0abe4aef3160208d53c98485fd08f020aaa46a0d7c9c0fc6572ba8f160df3489cb4bb7341fbcde57571fdb2ca94122b508f104672a6c76f9089fe9ba604b7eccf50083df
e30d2ef99c9e292868747470733a2f2f66696e6e65792e63616c056e6461722e657465726e69747977f016c6c2e636f6d
```

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., RSP13223_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 RSP13223_ots.hex > RSP13223_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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