Certificate of Blockchain Timestamp Verification

Strain Name: PK-Rt-BioG-

Sample Name: PK-Rt-BioG-20240730

Registrant: Zamir Punja

Stamped FileName: RSP13200_blockchain.vcf.gz

Stamped File SHA-256 Hash: `5d0f8a110f8aee6a81a737e6ce6d3f0b5a67736b958ce1a52a5ac25215e3672e`

OTS File: RSP13200_blockchain.vcf.gz.ots

OTS SHA-256 Hash: `14d9793592c38f6101ccdcd12272bd996d90baed922982f3e309526fba1fc96b`

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

Success! Your file is blockchain-stamped

2024-11-07 21:28:39 UTC

VALIDATED

OTS File Hex Contents (copy/paste friendly)

```
004f70656e54696d657374616d7073000050726f6f6600bf89e2e884e8929401085d0f8a110f8aee6a81a737e6ce6d3f0b5a67736b958ce1a52a5ac25215e3672ef010db31497c2de2f6dcd4ff43223b3b108408fff01036117fd2f1db54e2bf5a24a1ab69bf8c08f0
20940bba195a085603d7f1db7a67cdf0d463455323d931e98f2246253c36abf77908f020fea1738035d6a6caa2d0993904069a15aacecca0af58b5f12ab44f94669099a208f104672cd806f008c70a2a92489cd4f30083dfe30d2ef90c8e292868747470733a2f2f66
696e6e65792e63616c656e6461722e657465726e69747977616c6c2e636f6dfff01037d6889fd33e813dbf5702a8dac9f63708f104672cd805f00830678369 41f6197d0083dfe30d2ef90c8e232268747470733a2f2f6274632e63616c656e6461722e636174616c6c
6178792e636f6dfff01065a3115302ce8252c6a606403fe257f308f12086aad794f02f59f6f1411a2b44f3fe2c8a219acf6f9c78d8042c7e7d986011f308f0202871fa8733a52748027099c5a2de65c98597c77119161c548a26460f277e8ecc08f104672cd806f008
5de3e978212bc68a0083dfe30d2ef90c8e2e2d68747470733a2f2f616c6963652e6274632e63616c656e6461722e6f70656e74696d657374616d70732e6f7267f01096d06414aac8b2a466ebb235a3cbfec408f02062b491c931ff6339403a4f41961b66bac0d2ddc7
ebdae4cf899da6855c70097d08f1209fe35fcbc4b60486a76da579e09eebab13949dfbb2d5c85896e2f854d19d838c08f104672cd805f008acf59d7d0e0cf6800083dfe30d2ef90c8e2c2b68747470733a2f2f626f622e6274632e63616c656e6461722e6f70656e74
696d657374616d70732e6f7267
```

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., RSP13200_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 RSP13200_ots.hex > RSP13200_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.

