

UNSEALED

# The Cloning Files

*George Church confirmed active cloning work to Epstein. A \$9.5M human cloning company was pitched.*

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Unsealed Research Team

2019

*Church confirmed adult human tissue cloning work, Nowak said Church & Paabo could build a neanderthal person, Bishop pitched \$9.5M human cloning company*

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## The Cloning Files: Epstein’s Pursuit of Human Replication

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*A database-driven investigation into cloning technology, de-extinction science, and the genetic infrastructure hidden in the Epstein email archive.*

**Database:** 73,994 email threads from the DOJ Epstein document release + kabasshouse curated intelligence **Method:** Full-text search across all messages, cross-referenced with financial records, calendar entries, and curated documents **Key finding:** George Church confirmed he was “working toward this goal fairly rapidly” when Epstein asked if “the cloning issue” gave him pause — then described his work as including “adult human tissue cloning & genome engineering”

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### Part I: “Did the Cloning Issue Give You Pause?”

In November 2011, Jeffrey Epstein sent George Church — Harvard’s most prominent geneticist and a co-developer of CRISPR technology — a pointed question:

“sorry, you can;t make it, . did the cloning issue , give you pause?”  
— Jeffrey Epstein to George Church, November 18, 2011 ([EFTA01850962](#))

Church’s reply did not deny involvement. Instead, he explained why he was proceeding carefully:

“Yes. I’m working toward this goal fairly rapidly, but trying to do so in a way that minimizes risk to the field. James Wilson (who happened to be my physician in the 1990s) set back the field of gene therapy by a decade by rushing... My lab is good at conceiving of radically new technologies as well as improving throughput and quality by factors of ten. Given a couple of years and decent funding, this would become much more reasonable. I’m too busy doing it well to get distracted by trying to do it badly.”  
— George Church to Jeffrey Epstein, November 18, 2011 ([EFTA01850962](#))

Epstein reassured Church he understood, adding that others in his circle would be “disappointed”:

“I fay understand, why don’t you come and i won’t mention it. i just find it intellectually amusing, marving amd martin will also be disappointed”  
— Jeffrey Epstein, November 2011 ([EFTA01850991](#))

“Marving” is Marvin Minsky, the MIT AI pioneer. “Martin” is Martin Nowak, the Harvard

evolutionary biologist. Both were Epstein-funded scientists who attended his regular intellectual salons.

Two days later, Church made the connection explicit:

“Thanks for understanding. Probably rather than relaxing, I’ll be spending my ‘spare time’ in December raising funds for PersonalGenomes.org (which includes adult human tissue cloning & genome engineering)”

— George Church to Jeffrey Epstein, November 20, 2011 ([EFTA01851285](#))

**Adult human tissue cloning & genome engineering.** Church stated it plainly. The Personal Genome Project — which he founded at Harvard — included cloning work. And Epstein was being briefed on it.

This exchange establishes three facts: (1) Epstein and Church had discussed cloning before this email, (2) Church was actively working on it, and (3) at least two other Epstein-funded scientists — Minsky and Nowak — were interested in the results.

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## Part II: “The Two of Them Could Build a Neanderthal Person”

One year after Church’s cloning admission, Martin Nowak — Harvard’s Professor of Mathematics and Biology — wrote to Epstein from Vienna:

“jeffrey, i am back from rome. i am in vienna now. will be back in boston on wed. i met svante paabo (from leipzig). he sequences old bones. got a complete neanderthal genome. you would like him. he knows church. the two of them could build a neanderthal person! m”

— Martin Nowak to Jeffrey Epstein, November 12, 2012 ([EFTA01765328](#))

Svante Paabo is the Swedish geneticist at the Max Planck Institute who won the 2022 Nobel Prize in Physiology or Medicine for sequencing the Neanderthal genome. Nowak had just met him in person — and immediately connected the dots for Epstein: Paabo had the genome, Church had the technology, and together “the two of them could build a neanderthal person.”

This wasn’t idle speculation. By 2012, Church had publicly discussed the theoretical possibility of Neanderthal cloning. In January 2013, a *Der Spiegel* interview was widely misquoted as Church seeking “an adventurous female human” to serve as surrogate mother for a Neanderthal clone. The story went viral.

Neil Gershenfeld — MIT professor and another Epstein associate — shared the debunking

article with Epstein in July 2013:

“I assume you’ve seen <http://www.nma.tv/viral-neanderthal-baby-surrogate-mother-story-isnt-true/>”

— Neil Gershenfeld to Jeffrey Epstein, July 21, 2013 ([EFTA01741902](#))

Epstein’s response referenced a recent meeting with Church: “met with george church afterward shared our neil fan club secret handshake.” In January 2014, Nowak forwarded Epstein a Harvard Gazette article: “Neanderthals’ DNA legacy linked to modern ailments” ([EFTA01937092](#)).

The topic of Neanderthal cloning kept circulating in Epstein’s network — not as science fiction, but as a practical question of when the technology would be ready.

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### Part III: The \$9.5 Million Human Cloning Company

On August 5, 2018, Bryan Bishop — a biohacker and former Bitcoin Core developer — sent Epstein a document he’d requested:

“Attached is the doc you requested, it’s the ‘use of funds’ spreadsheet for the designer baby and human cloning company. This gets us out of our self-funded ‘garage biology’ phase to the first live birth of a human designer baby, and possibly a human clone, within 5 years. Once we reach the first birth, everything changes and the world will never be the same again, much less the future of the human species. Attached doc shows — \$1.7m/year for up to 5 years + \$1m for lab setup. (~\$9.5m to fund 5 years, \$6m for 3 years).”

— Bryan Bishop to Jeffrey Epstein, August 5, 2018 ([EFTA02604748](#))

Epstein’s response: “no rush.”

This wasn’t the first conversation. Two weeks earlier, Bishop had sent Epstein his pitch deck:

“Here is a deck about my designer baby project: <http://diyhpl.us/bryan/designer-babies-deck.pdf>. I have talked with Austin again, and we have a series of questions about how serious you are about wanting this, and what the ground rules are for me even exploring this with you... Most of these questions are around your requirements for secrecy and privacy”

— Bryan Bishop to Jeffrey Epstein, July 21, 2018 ([vol00009-efat01004801-pdf](#))

Epstein replied:

“im traveling in mid east until the 1st. lets do it after that, i have no issue with investing the problem is only if i am seen to lead.”  
— Jeffrey Epstein, July 2018

Bishop understood:

“Sounds like you could be the first investor as long as absolute anonymity is kept. I have always envisioned there would be anonymity requirements about babies — we can’t publicly identify who these are or their parents or benefactors, it would brand the child as (essentially, and sadly) a freak for life in the media.”  
— Bryan Bishop, July 22, 2018 ([vol00009-efta01004841-pdf](#))

Epstein’s response: “i cant program but i am not bad at structuring :)”

### **The Meetings**

Calendar entries confirm formal meetings took place. On August 2, 2018, Epstein’s schedule included:

“Designer babies (Bryan Bishop) @ Thu Aug 2, 2018 4pm-5pm. Agenda: Designer babies, structuring, finance, privacy, project goals, feasible outcomes, timelines.”

The video call link was `appear.in/taxmastergenetics` — a URL that combines “tax” structuring with “genetics.”

On August 30, 2018, after continued discussions, Epstein wrote:

“i like implant embryo, wait 9 months. great ending”  
— Jeffrey Epstein, August 30, 2018 ([EFTA02625511](#))

By September, Bishop was sending Epstein technical references for due diligence: links to `human-germline-key-references.pdf` and `human-germline-genetic-modification-outline.pdf` ([EFTA02624289](#)).

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## **Part IV: “More Similar to Cloning”**

In November 2018, Chinese scientist He Jiankui announced the birth of the world’s first CRISPR-edited babies — twin girls with modified CCR5 genes intended to confer HIV resistance. The announcement shocked the scientific community.

Bryan Bishop had a front-row seat. He was physically present at the Hong Kong summit where He Jiankui presented, and had previously confronted him about ethical concerns. But in his email to Epstein, Bishop revealed something else:

“My team has been working on a new technique which does not involve stem cells in the testis, instead it’s an embryo editing technique more similar to cloning which does not require an injection to the biodad. The idea hit us like a bolt of lightning so we’re moving along in that direction.”

— Bryan Bishop, November 26, 2018 ([vol00009-efda01015526-pdf](#))

Epstein’s response to the Chinese CRISPR baby news: “great.”

Bishop also reported on the legal landscape. In October 2018, Japan announced it was allowing human embryo gene editing:

“Japan announced they are allowing human embryo gene editing... I happened to be in Tokyo last week speaking with a handful of investors... Legality — we can do R&D in the US but yes I will need to do careful analysis about medical tourism... We can just sell the additive DNA to those overseas clinics.”

— Bryan Bishop, October 16, 2018 ([vol00009-efda01019549-pdf](#))

Epstein pushed back — not on ethics, but on legal exposure:

“we need to get a read on legal. first. cant do anything where US rules apply to us citizens regardless of where”

The pattern is clear: Bishop was developing cloning-adjacent reproductive technology, seeking offshore jurisdictions where US law wouldn’t apply, and Epstein was providing financial structuring expertise while insisting on anonymity.

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## Part V: Epstein’s Cell Lines

On June 28, 2013, George Church arranged for Epstein to undergo a skin cell biopsy and blood draw at Massachusetts General Hospital as part of Church’s Personal Genome Project.

Church coordinated the logistics:

“the MD and biopsy parts are scheduled... need to know the time of day so the technicians can get the skin cells growing”

— George Church, June 2013 ([vol00009-efta00388263-pdf](#))

Dr. Joe Thakuria, Medical Director of the Personal Genome Project, performed the procedure at MGH’s Yawkey building. Thakuria noted: “Jeffrey needs to be fully enrolled before blood draw and skin biopsy per our protocol.”

Two months later, Thakuria reported the results:

“Jeffrey’s skin biopsy resulted in several successful, viable fibroblast cultures. Those cell lines are now stored in liquid nitrogen and slated for iPS cell line (‘adult stem cells’) creation.”

— Joe Thakuria to Lesley Groff, August 2013 ([EFTA02720568](#))

iPS cells — induced pluripotent stem cells — are the modern alternative to cloning for creating cells that can theoretically become any tissue type. They are created by reprogramming adult cells back to an embryonic-like state. Church’s lab was now growing Epstein’s reprogrammed cells.

The financial paper trail reveals the negotiation behind this work. Thakuria initially proposed **\$324,000 per year** for genomic services. Epstein rejected it: “No way.” After months of back-and-forth, the price was negotiated down to \$2,000 for exome sequencing plus a \$1,000 “gift” — a total of \$3,000 for work that included skin biopsy, cell culture, liquid nitrogen storage, and iPS cell creation ([EFTA00347258](#)).

On June 21, 2014, Thakuria collected another sample — a saliva sample — during a lunch that also included George Church.

Meanwhile, Epstein maintained sperm stored at **California Cryobank**. A 2012 renewal notice was forwarded by an associate who joked: “This seems to be from the sperm bank. I thought about just making the payment, or a withdrawal ;) but...here you go” ([EFTA01803679](#)).

Between the fibroblast cell lines at Harvard, the iPS cells at MGH, and the cryopreserved sperm in California, Epstein had biological material stored across multiple facilities — the raw ingredients for reproductive cloning or genetic engineering.

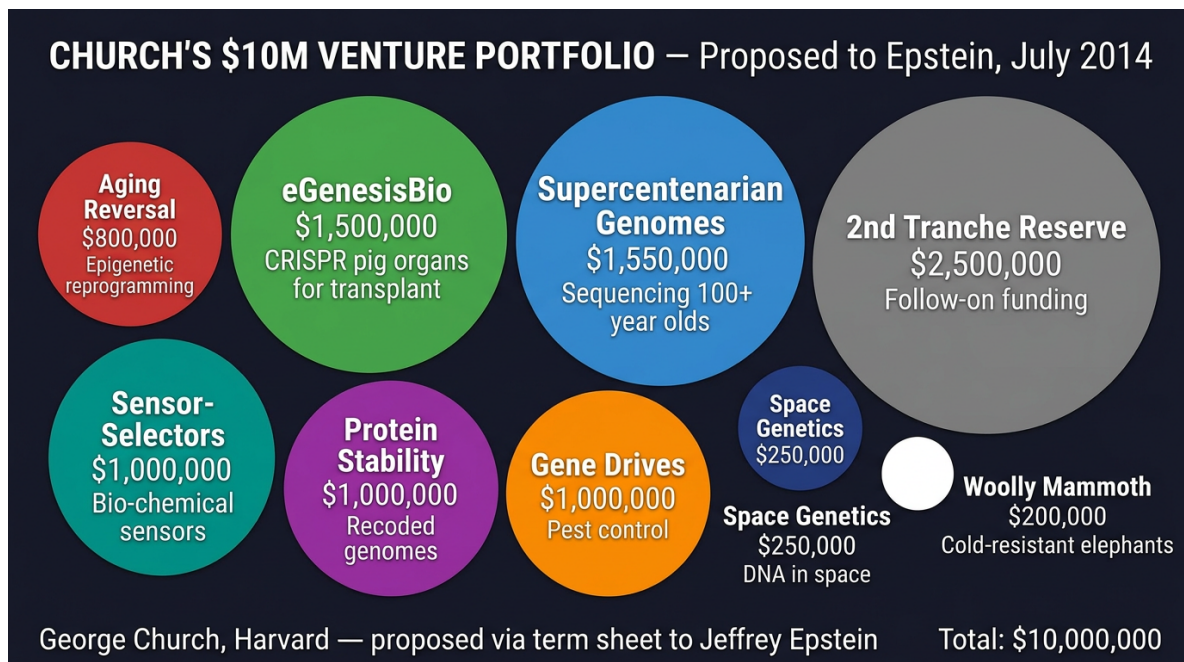
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## Part VI: The Organ Pipeline

In July 2014, Church sent Epstein a \$10 million investment proposal spanning nine ventures. Among them was **eGenesis** — a company Church co-founded with his graduate student Luhan Yang to engineer pig organs for human transplantation using CRISPR:

| Amount      | Venture                              | Purpose  |
|-------------|--------------------------------------|--|
| \$1,500,000 | eGenesisBio.com                      | CRISPR-engineered animal organs for human transplant |
| \$1,000,000 | Sensor-Selectors                     | Bio-chemical production optimization                 |
| \$1,000,000 | Protein stability & virus resistance | Radically recoded genomes                            |
| \$1,000,000 | Pest control (gene drives)           | Eliminate invasive species via CRISPR                |
| \$800,000   | Aging reversal                       | CRISPR epigenetic reprogramming                      |
| \$250,000   | Space Genetics                       | Genome engineering of humans for space               |
| \$200,000   | Cold-resistant elephants             | Mammoth de-extinction via CRISPR                     |
| \$200,000   | Supercentenarian study               | Sequencing 110+ year-old genomes                     |
| \$1,550,000 | Next-gen pathology                   | New sequencing method                                |
| \$2,500,000 | 2nd tranche                          | Best performers                                      |

Source: George Church to Jeffrey Epstein, July 11, 2014 ([EFTA01917108](#))



Epstein responded: “lets start on first investment” and “decide what you would like to call your investment co.”

By October 2014, Luhan Yang sent Epstein a formal term sheet for eGenesis: **\$1.5 million as a convertible note** with 15% discount rate and 8% interest, or 9.09% preferred shares at a \$15M pre-money valuation (EFTA02676772).

A conference call on October 21, 2014, brought together Church, James Clement (supercentenarian researcher), and Luhan Yang — with Epstein listed as “LEADER” of the call.

By January 2016, eGenesis CEO Geoff MacKay was pressing Epstein to finalize the investment before the JPMorgan Healthcare Conference: “We are growing rapidly... The deal terms I offered you last fall are still open” (EFTA02476569).

eGenesis went on to become one of the most significant xenotransplantation companies in the world — performing the first pig-to-human kidney transplant in 2024. Whether Epstein ultimately invested remains unclear from the email record.

## Part VII: Dinochicken, Mammoths, and De-Extinction

Epstein’s interest in resurrecting extinct species extended beyond Church’s mammoth proposal. In 2012, he was funding **Jack Horner** — the legendary paleontologist who served as the scientific advisor for *Jurassic Park* — on the “Dinochicken” project at Montana State University.

The concept: reverse-engineer chickens to activate dormant ancestral dinosaur traits — growing tails, teeth, and clawed arms on living birds. Multiple emails document Epstein’s involvement:

█ *Summit funding, ranch visits, and check payments to Horner’s project*  
— *Multiple threads, 2012 (EFTA01763028, EFTA01767484, EFTA02155986)*

Meanwhile, Church’s \$10M proposal included **\$200,000 for “cold-resistant elephants”** — CRISPR-editing Asian elephants with woolly mammoth genes for cold tolerance:

█ *“Making cold-resistant elephants via CRISPR, focusing on blood, subcutaneous fat and wool/hair (based on what is known about cold-resistant animals, Mammoth DNA, and human mutations). Economics could be like the American Bison which recently grew from a hundred to 500,000 as a source of low cholesterol meat.”*  
— *George Church, July 2014 (EFTA01917108)*

This project became **Colossal Biosciences**, which Church co-founded in 2021 with \$15 million in seed funding. By 2023, Colossal had raised over \$225 million for mammoth de-extinction and thylacine (Tasmanian tiger) resurrection.

As late as June 2019 — one month before Epstein’s arrest — mammoth de-extinction articles were still being forwarded to his email:

█ *“De-extinction, bringing extinct species back from the dead, is now on the table thanks to the revolutionary gene-editing technology CRISPR.”*  
— *Forwarded to Epstein, June 20, 2019 (HOUSE\_OVERSIGHT\_025332)*

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## Part VIII: The Forbidden Research Agenda

In July 2016, MIT Media Lab hosted a secret meeting called **“Forbidden Research”** — and cloning was explicitly on the agenda.

Joscha Bach, an AI researcher in Epstein’s circle, sent a brainstorm document listing the topics:

█ *“Germline modification, cloning, extended PID etc. will likely not have harmful effects on the whole of society if they are studied at a very small scale”*  
— *Joscha Bach, July 2016 (EFTA02458524)*

The proposed invite list included George Church, Steven Wolfram, Seth Lloyd, Paul Graham, Jeffrey Epstein, Reid Hoffman, Demis Hassabis, Max Tegmark, and Noam Chomsky.

Joi Ito, then-director of the MIT Media Lab, personally invited Epstein:

“*you should come to the secret Forbidden Research meeting at the Lab. Reid will be there. It will be off the record.*”

— Joi Ito to Jeffrey Epstein, July 2016 ([EFTA02476477](#))

Ito also offered to extend the gathering beyond the official event:

“*I can drag interesting people over to the house for meetings with you, me and Reid.*”

— Joi Ito, July 2016 ([EFTA02458760](#))

The Forbidden Research meeting combined cloning, germline modification, psychedelics, CRISPR, wealth distribution, and mass control under one umbrella — topics deemed too controversial for public academic discourse. Epstein was invited not as an observer but as a participant, alongside the scientists whose work he was funding.

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## Part IX: “The World’s Expert on Cloning”

Epstein’s access to cloning expertise predated the Church relationship by years. In April 2006, Stephen Kosslyn — then chair of Harvard’s Psychology Department — organized a dinner for Epstein:

“*In addition to George Church, The Dersh, and me, who would he like to invite? Gary and George Daly (the world’s expert on cloning, it turns out)?*”

— Cecilia Steen (on behalf of Stephen Kosslyn), April 16, 2006 ([thread 738eb56c27495ced50e8c41a7366d9bc](#))

George Daly was the dean of Harvard Medical School and a pioneer in stem cell and cloning research. “The Dersh” is Alan Dershowitz. Kosslyn was casually assembling a dinner with two of the world’s leading figures in cloning and genetics — for Epstein.

By October 2007, Church was proposing meeting topics directly:

“*re-engineering humans*”

— George Church, proposed meeting topic, October 22, 2007

Epstein wasn't just attending scientific lectures. He was dining privately with the people who could actually make cloning happen, discussing it as a practical agenda item.

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## **Part X: Young Blood, Monkey Clones, and Animal-Human Hybrids**

The cloning infrastructure existed within a broader pattern of Epstein's obsession with biological manipulation.

### ***Monkey Clones***

In January 2018, Chinese researchers announced the first successful cloning of primates using somatic cell nuclear transfer — the same technique used to create Dolly the sheep. Richard Merkin forwarded the National Geographic article to Epstein:

█ *“Meet the First Monkey Clones of Their Kind... researchers have cloned a pair of macaques using a method that could, in theory, be used to clone humans.”*  
— National Geographic, forwarded to Epstein ([EFTA02534688](#))

Epstein's response:

█ *“yes, i can see liitle dicks running around”*

### ***Animal-Human Embryo Hybrids***

In July 2011, someone in Epstein's circle forwarded a Daily Mail article with the subject line:

█ *“COOOOL let's go visit?”*  
— July 23, 2011 ([EFTA01860366](#))

The article: “Embryos involving genes of animals mixed with humans produced secretly past years.” The sender's enthusiasm — “COOOOL” — and the suggestion to visit the facility reflects the casual attitude toward boundary-pushing biology in Epstein's network.

### ***Young Blood***

Boris Nikolic forwarded Epstein research on cellular aging and parabiosis — the practice of transfusing young blood into older subjects. Epstein's response was striking:

“*LOVE how it starts ‘Memo to mature, health-minded vampires: You might want to consider limiting your treats to victims under age 30.’ Jee was right all along!!!!!!!!!!!!!!*”  
— Jeffrey Epstein (EFTA02031516)

Another associate, Barry Josephson, wrote:

“*All you need is a blood transfusion from the pack and you reverse aging!!*”  
— Barry Josephson to Epstein (EFTA01801501)

### **30 DNA Test Kits**

In June 2017, Epstein ordered **30 Health + Ancestry Service kits** from 23andMe — including Neanderthal Ancestry reports. The order was eventually invalidated after 23andMe discovered the kits were being shipped outside the United States, violating their terms of service (EFTA02218040).

Why did Epstein need 30 DNA testing kits? And why were they going overseas?

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## **Part XI: The Last Conversation**

The relationship between Church and Epstein continued until the very end. On December 2, 2018 — seven months before Epstein’s arrest — Church visited Epstein. The next day, Epstein wrote:

“*lots of fun yesterday, thx for coming. I was surprised to hear that with 27 cos formed you were still concerned about money?*”  
— Jeffrey Epstein, December 2, 2018 (EFTA02612704)

Church explained his financial situation — 15 of his 27 companies were formed in 2018 alone, and his largest grant was being discontinued despite success. Epstein pressed for details:

“*1. separate issues are your financials and your labs. 2. have you monetized parts of the cos? 3. lab budget? current and ideal? 4. why would assume that making some organ younger would still be able to be controlled by an older brain?*”  
— Jeffrey Epstein, December 2018

Question #4 reveals Epstein’s engagement wasn’t casual. He was thinking critically about the biology — questioning whether age-reversal of individual organs would create compat-

ibility problems with the aging brain. This is not a patron writing checks. This is someone intellectually invested in the science.

In February 2019, five months before arrest, Epstein received an invitation to the **Brain-Mind Summit** at MIT, featuring Church as a presenter. His final known response:

“thanks, if i come to the west coast. will you have the courage to meet? :)”  
— Jeffrey Epstein, February 2019 ([EFTA01029072](#))

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## Part XII: What the Documents Don't Show

Several viral claims about cloning in the Epstein files do not survive contact with the primary sources.

### “Neanderthal Clones in Underground Tunnels”

No document in the archive references Neanderthal clones being created in tunnels. The only “underground tunnel” reference is Epstein evaluating a Marrakech property with “underground disco... underground tunnels” as architectural features ([EFTA02653706](#)). Martin Nowak did suggest Church and Paabo “could build a neanderthal person,” but this was a speculative comment about theoretical capability — not evidence of an active program.

### “Biden Clone Replacement”

Zero evidence. Biden appears in the archive only in peripheral political contexts — a guest list alongside Clinton for an event, unverified FBI tips from anonymous sources, and social media screenshot captures from third-party conspiracy accounts. No emails discuss body doubles, clones, or replacements of any political figure.

### “Organ Harvesting” / “Brain Dead Labeling”

No evidence of organ harvesting operations. “Brain dead” appears twice in the archive: once about a relative with listeria meningitis in a coma, once about comedians Sarah Silverman and Ricky Gervais. The eGenesis program involved engineering pig organs for transplant — legitimate xenotransplantation science, not harvesting from humans.

### “Body Doubles”

The phrase “body double” appears in multiple emails — but refers to **Body Double**, a commercial silicone casting and molding product. “Located the body double as there was none on island” and “3 containers of regular body double and one container of fast drying body double” ([EFTA02365470](#)). This is an art supply, not evidence of human duplication.

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### Part XIII: The Financial Infrastructure

The kabasshouse database reveals financial flows connected to Epstein's biological interests:

| Entity                        | Amount       | Direction          | Period       | Notes  |
|-------------------------------|--------------|--------------------|--------------|--|
| Regen Medical PC (NYC)        | \$453,959.81 | Credits TO Epstein | Mar–Sep 2011 | 16 transactions, largest \$250K                |
| Biosocial Research Foundation | \$75,000     | FROM Epstein       | Apr 2010     | Scotts Valley, CA                              |
| Bioimpact Inc                 | \$26,438.49  | FROM Epstein       | Various      | LSJ (Little Saint James) invoices              |
| Large Scale Biology Corp      | \$17,000+    | Both directions    | Aug 2000     | Stock trading                                  |
| Joe Thakuria / MGH            | \$3,000      | FROM Epstein       | 2014         | Genomic services (negotiated down from \$324K) |
| California Cryobank           | Unknown      | FROM Epstein       | 2012+        | Sperm storage annual renewal                   |

The \$453,959.81 in credits from **Regen Medical PC** — a regenerative medicine practice at a Upper East Side address — is notable. These are payments flowing *to* Epstein, not from him, suggesting either investment returns or a financial arrangement with a regenerative medicine provider.

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### Part XIV: Timeline

| Date            | Event  | Source                    |
|-----------------|--|---------------------------|
| <b>Apr 2006</b> | Harvard dinner with George Church AND George Daly (“world’s expert on cloning”)        | 738eb56c...               |
| <b>Oct 2007</b> | Church proposes “re-engineering humans” as meeting topic                               | EFTA Church emails        |
| <b>Jul 2009</b> | Dog cloning service (bestfriendsagain.com) forwarded to Epstein — he calls it a “scam” | EFTA02439014              |
| <b>Nov 2010</b> | Church sends Epstein references on synthetic biology, mirror life, organ scaffolding   | EFTA02417232              |
| <b>Jul 2011</b> | “COOOOL let’s go visit?” — animal-human hybrid embryo article                          | EFTA01860366              |
| <b>Nov 2011</b> | <b>“Did the cloning issue give you pause?”</b> — Epstein to Church                     | EFTA01850962              |
| <b>Nov 2011</b> | Church: “working toward this goal fairly rapidly”                                      | EFTA01850962              |
| <b>Nov 2011</b> | Church: PersonalGenomes.org “includes adult human tissue cloning & genome engineering” | EFTA01851285              |
| <b>Nov 2012</b> | Nowak: Church and Paabo “could build a neanderthal person!”                            | EFTA01765328              |
| <b>Jun 2013</b> | <b>Epstein skin biopsy and blood draw at MGH</b> — Church’s Personal Genome Project    | vol00009-efta00388263-pdf |

| Date            | Event   | Source       |
|-----------------|---|--------------|
| <b>Jul 2013</b> | Neanderthal baby surrogate story discussed between Epstein and Gershenfeld                                  | EFTA01741902 |
| <b>Aug 2013</b> | <b>Epstein's fibroblast cultures successfully grown, stored in liquid nitrogen, slated for iPS creation</b> | EFTA02720568 |
| <b>Oct 2013</b> | Steven Victor forwards IntelliCell BioSciences stem cell press release to Epstein                           | EFTA01951603 |
| <b>Jan 2014</b> | Nowak forwards "Neanderthals' DNA legacy" Harvard Gazette article   | EFTA01937092 |
| <b>Jul 2014</b> | <b>Church sends \$10M investment proposal</b> — 9 ventures including eGenesis, mammoth, space genetics      | EFTA01917108 |
| <b>Aug 2014</b> | Epstein: "lets start on first investment" — company names discussed   | EFTA01917108 |
| <b>Oct 2014</b> | <b>eGenesis \$1.5M term sheet</b> sent to Epstein — 9.09% preferred at \$15M valuation                      | EFTA02676772 |
| <b>Oct 2014</b> | Conference call: Church, James Clement, Luhan Yang — Epstein as "LEADER"                                    | Calendar     |

| Date     | Event  | Source                    |
|----------|--|---------------------------|
| Nov 2014 | Mega-dinner: Church, Joi Ito, Reid Hoffman, Larry Summers, Danny Hillis, Nowak                       | Calendar                  |
| Jul 2016 | <b>Forbidden Research meeting</b> at MIT — cloning on agenda, Epstein invited                        | EFTA02476477              |
| Jun 2017 | Epstein orders 30 23andMe kits for use outside US  | EFTA02218040              |
| Jan 2018 | Monkey clones announced — Epstein: “i can see liitle dicks running around”                           | EFTA02534688              |
| Jul 2018 | <b>Bishop sends designer baby pitch deck</b> — “requirements for secrecy and privacy”                | vol00009-efta01004801-pdf |
| Aug 2018 | <b>Bishop: \$9.5M “designer baby and human cloning company”</b> — “first human clone within 5 years” | EFTA02604748              |
| Aug 2018 | Epstein: “i like implant embryo, wait 9 months. great ending”  | EFTA02625511              |
| Oct 2018 | Bishop reports Japan allowing embryo editing — discusses “overseas clinics”                          | vol00009-efta01019549-pdf |
| Nov 2018 | Bishop: “new technique more similar to cloning” after Chinese CRISPR babies                          | vol00009-efta01015526-pdf |
| Dec 2018 | <b>Last Church-Epstein meeting</b> — discussing 27 companies and organ aging                         | EFTA02612704              |

| Date            | Event   | Source                 |
|-----------------|---|------------------------|
| <b>Feb 2019</b> | Last known Epstein email: “will you have the courage to meet? :)”           | EFTA01029072           |
| <b>Jun 2019</b> | Mammoth de-extinction article forwarded to Epstein, one month before arrest | HOUSE_OVERSIGHT_025332 |

## Part XV: What the Documents Show

The Epstein email archive reveals a systematic, 13-year engagement with cloning technology and reproductive genetic engineering — not as fantasy, but as active investment opportunities.

### What is documented:

1. **George Church confirmed active cloning work** to Epstein in 2011, describing it as “adult human tissue cloning & genome engineering” and stating he was “working toward this goal fairly rapidly.”
2. **A \$9.5 million human cloning company** was pitched to Epstein in 2018, with a stated goal of achieving “the first live birth of a human designer baby, and possibly a human clone, within 5 years.” Epstein engaged seriously — scheduling meetings, discussing anonymity and financial structuring, and requesting technical due diligence materials.
3. **Neanderthal cloning was discussed as a practical possibility** within Epstein’s circle. Martin Nowak directly told Epstein that George Church and Svante Paabo “could build a neanderthal person.” Church’s mammoth de-extinction project — which Epstein was asked to fund — later became Colossal Biosciences.
4. **Epstein’s own biological material was collected, cultured, and stored** at Harvard and MGH — fibroblast cell lines in liquid nitrogen, iPS cells in creation, sperm at California Cryobank. The infrastructure for reproductive cloning existed.
5. **Cloning was on the formal agenda** of MIT’s secret “Forbidden Research” meeting, to which Epstein was personally invited.
6. **The network spanned the world’s top cloning experts:** George Church (CRISPR co-developer), George Daly (“world’s expert on cloning”), Svante Paabo (Nobel laureate, Neanderthal genome), Luhan Yang (eGenesis, xenotransplantation), Jack Horner (de-extinction), and Bryan Bishop (biohacker, designer babies).

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7. **Anonymity was the consistent requirement.** Epstein told Bishop: “i have no issue with investing the problem is only if i am seen to lead.” Bishop proposed “absolute anonymity” for both investors and babies. Epstein offered his structuring expertise.

**What is not documented:** Neanderthal clones in tunnels, Biden replacements, organ harvesting, or body doubles. The real story is disturbing enough without embellishment — a convicted sex offender funding the world’s most advanced genetic engineering research, with explicit discussions about human cloning, while insisting no one know his name was attached.

The documents speak. Every claim above is verifiable against the source emails on this site.

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*Report generated from primary source analysis of the Epstein email archive. All EFTA references link to original documents. No editorial interpretation has been added beyond what the emails themselves state.*