



Reproductive Technologies, Inc.

THE SPERM BANK OF CALIFORNIA

INTERVIEW NOTES: 5904

Donor 5904 wore a black graphic tee shirt, hoodie, and jean jacket to the interview paired with red converse shoes and a black and white floral face mask (in accordance with Covid-19 protocols) with black headphones around his neck. Donor 5904 has short, styled sandy brown hair, full eyebrows that frame his eyes. He has the beginning of crow's feet when he smiles and his smile is engaging with thin lips framing his straight teeth. He has a lean face with a straight, slightly crooked nose that is proportional to his face.

Our major takeaway for our time with donor 5904 is that he is someone that doesn't take himself too seriously and is good at making people laugh. He has a great sense of humor, and this is reflected in the laugh lines at the corners of his blue eyes and his charmingly crooked smile.

Donor 5904 grew up in the farmland suburbs of the Midwest with his parents and sister who was six years older. He describes a charming childhood where he and his friends had a lot of independence and could explore their environment for hours at a time. He would run around the woods with his neighborhood friends, playing capture the flag, football, and other group activities.

Like a large number of children, he was involved in sports from a young age and also explored a musical instrument, the violin. He played soccer while in middle school and baseball in both middle and high school. He played the violin in school clubs but didn't stick with it.

His favorite subjects were science and math because he was good at them and could finish his homework faster in those subjects than others. Finishing quickly meant he could go play Super Mario, Donkey Kong, Mario Kart and other games on his NES video game console. Donor 5904 still enjoys playing video games to decompress. He continues to skateboard, although he is more cautious about it now that he's older and falling down hurts more.

After obtaining a degree in Computer Science, he left the Midwest after college and started exploring the US, eventually moving to Northern California for more job opportunities. He views computer programming as his creative outlet and has experimented with game programming in his free time. So far he has worked on puzzle adventures and platformers because they are easy to learn and develop from a small idea into something more.

Donor 5904 describes himself as a social person in context. He's been to a few camping music festivals and says he likes the people there and being able to "be a weirdo and no one cares." Donor 5904 has wide-ranging musical taste, enjoying Hip-Hop, Techno, and Punk.

He's also interested in attending comic book conventions in the future and would like to cosplay as a mimic from the video game Dark Souls. When asked how his friends would describe him, he said that he would hope to be described as tall, goofy, and smart (even though it feels egotistical to describe himself that way).

His idea of self-care is traveling home to visit family. When asked what he'd do with 24 hours and \$1000 to spend, he replied that he would treat himself by finding a place in the city to have a really nice dinner and maybe stay at overnight at a fancy hotel.

In five years he aspires to owning a big property with ducks and bees and to be starting a family of his own. Donor 5904 was friendly, smart, humorous and adorably goofy and we are excited to have him in our program!

Interviewed by Danielle L. and Kenya C. on 07/26/21



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DONOR PROFILE: 5904

The past and current personal and family medical history, physical examination, and laboratory test results determine that donor **5904** is eligible and approved for semen donation at THE SPERM BANK OF CALIFORNIA. This profile was prepared in **September 2021**

PERSONAL INFORMATION

- Identity-Release[®] Program: **Yes**
- Month/year of birth: **December 1990**
- Education: **B.S.in Computer Science**
- Current occupation: **Site Reliability Engineer**
- Ethnic origin: **Dutch, English, Irish, Polish, Scandinavian, Scottish**
- Religion born into: **Catholicism**
- Religion practicing: **None/Atheism**

PHYSICAL CHARACTERISTICS

- Height: **5' 11 ½ "**
- Weight: **167.5 lbs**
- Hair color: **Light brown**
- Hair type: **Straight**
- Eye color: **Blue**
- Complexion: **fair/rosy**
- Body type: **Mesomorphic (muscular)**
- Blood group/Rh: **A-**
- Baby photo available: **Yes**
- Other distinguishing features: **He looks like "If Prince William and Captain America had a son"**

FAMILY MEDICAL HISTORY

KEY: D donor **Ch** child **F** father **M** mother **S** sister **B** brother
Co cousin **A** aunt **U** uncle **MGF** maternal grandfather **MGM** maternal grandmother
PGF paternal grandfather **PGM** paternal grandmother

Allergies: **MA#1: Allergies since childhood, treated with dietary restrictions, managed by avoidance.**

Heart: **F: High blood pressure at 42, treated with diet changes and medication, ongoing. PA: Stroke in her 50's, treated with hospitalization, resolved.**

Mental Health: **S: Anxiety, treated with therapy and a service animal, ongoing with intermittent panic attacks.**

Metabolic/Endocrine: **MGM: Type II Diabetes at 49, treated with medication and diet restrictions, managed with minimal symptoms.**

Neurological: **MU: Autism and epilepsy in childhood, treated with special care facility and family help, ongoing. Tremor in adulthood, treated with special care facility and family help.**

Sight/Sound/Smell: **D: R: 20/40, L: 20/50**

Substance use disorders: **MCo#1: Alcohol use disorder in teens, no treatment, unmanaged. PGM: Alcohol use disorder in adulthood, no treatment, unmanaged.**

Other: **PGF: Died at 64 of natural causes. No other information known.**

DONOR LAB RESULTS

Chlamydia: **Not Detected**
HIV 1 & 2: **Non-Reactive**
Hepatitis B: **Non-Reactive**
Urinalysis: **Normal**

Gonorrhea: **Not Detected**
CMV total antibody: **Negative**
Hepatitis C: **Non-Reactive**
Chem panel: **Normal**

Syphilis: **Non-Reactive**
HTLV 1 & 2: **Non-Reactive**
CBC: **Normal**

GENETIC SCREENING RESULTS

Genetic screening tests can significantly reduce, but never completely eliminate, the chance that a person is a carrier for a particular disorder.

Expanded carrier screening for 268 autosomal recessive conditions was completed by Invitae and reported on **08/12/2021**. The results were **POSITIVE** for **Ataxia-telangiectasia & related condition (gene: ATM) AND Sandhoff Disease (gene: HEXB)**.

Testing was negative for the remainder of genes screened.

Disease	Result	Residual risk to be a carrier (based on European ethnicity)
Ataxia-telangiectasia & related condition (gene: ATM)	POSITIVE	n/a
Sandhoff disease (gene: HEXB)	POSITIVE	n/a
Cystic Fibrosis	Negative	1 in 2,700
Spinal Muscular Atrophy	Negative: 2 copies exon 7 c.*3+80T>G variant not detected	1 in 880
HBB Hemoglobinopathies & Thalassemia	Negative	1 in 37,200
Alpha Thalassemia	Negative	Reduced

Heterozygous ATM mutation carriers may be at increased risk to develop cancer in their lifetime. The magnitude of this risk is under investigation and not well defined for male carriers of ATM mutations. Female carriers of ATM mutations have an increased risk for breast cancer in their lifetime. Please refer to the table on the next page for a comparison of these risks. Screening recommendations for female carriers of ATM mutations have been established by the National Comprehensive Cancer Network (NCCN). ATM carriers with a positive family history of pancreatic cancer are also recommended to undergo increased pancreatic cancer screening. This donor did not disclose a family history of pancreatic cancer.

Please refer to the donor's Invitae expanded carrier test report for more information on the testing completed and the donor's results.

DONOR NARRATIVE 5904:

The content of this narrative has not been altered by TSBC staff. It reflects the original written work of the Donor.

Describe your personality: introvert, extrovert, funny, serious, goal-oriented, curious, shy, etc.

Introverted to recharge, but ultimately love being around people. Natural born leader with no desire to lead. Words to describe myself would be patient, compassionate, lazy, responsible, optimistic, and curious.

What are your interests and talents?

Interests: Computers/technology, video games, board games, skateboarding, cooking, dad to cats Talents: Excels in mathematics, strong reader, improvisational humor, legerdemain, dancing

What are some of your goals and ambitions in life? Where do you see yourself in 5 or 10 years?

Currently I'm focused on my career and have been so for the last decade. Would like to start my own small software company. See myself in the future having a family and striving to be the ultimate housedad.

How would you describe your skills and interests in the following areas?

Math: Phenomenal. Took higher level courses in college

Mechanical: Solid understanding of mechanics, but rarely practiced. Can read a manual.

Athletic: Have been involved in athletics my whole life. Great balance and hand eye coordination

Musical, Artistic, Creative: Have done well with instruments in the past, but not currently practising. Terrible at drawing/handwriting. Creative in jokes/story telling.

Language (what languages besides English do you speak?): Just two languages: English and bad english

Writing: Solid writer. Would write essays for \$\$\$ in college as I could do it rather quickly

Literature: Avid reader. Primarily fiction of all forms

Science: Science is fascinating and interesting to keep up with. I myself am not a scientist though

Please list a few of your favorite:

Movies: Jurassic Park, SLC Punk, Lord of the Rings, Pulp Fiction

Books/Authors: Terry Pratchett, Neil Gaiman, Brandon Sanderson

Albums/Musicians/Performances: The Strokes, Flying Lotus, Run the Jewels, Rage Against the Machine, Daft Punk

What are a few of your reasons for becoming a sperm donor?

I get to help other people using something I'm not currently using and I get paid for it.

You have joined the Identity-Release® Program . What appeals to you about this program?

It's a very interesting concept/process (sperm donation) and I would hate to limit someone else's access to knowledge/history.

Is there anything else you would like to share with participating families and offspring?



Here is my favorite meme.

THANK YOU!



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HEALTH PROBLEMS LIST DONOR 5904

FATHER

Problem/Diagnosis: High Blood Pressure

Age of Onset: 42

Treatment: Diet changes and medication

Outcome: Ongoing

SISTER

Problem/Diagnosis: Anxiety

Age of Onset: 30

Treatment: Seeing a psychologist. Got a service dog.

Outcome: Ongoing w/ intermittent panic attacks

MATERNAL GRANDMOTHER

Problem/Diagnosis: Diabetic

Age of Onset: 49

Treatment: Medication and dietary restrictions

Outcome: Managed with minimal symptoms

MATERNAL AUNT #1

Problem/Diagnosis: Allergies

Age of Onset: Childhood

Treatment: Dietary restrictions

Outcome: She has a ton of allergies, but manages with avoidance.

MATERNAL UNCLE

Problem/Diagnosis: Autism, Epilepsy, Tremor

Age of Onset: Childhood, childhood, adulthood

Treatment: Special care facility and family help

Outcome: needs help from others for day-to-day living

MATERNAL COUSIN #1

Problem/Diagnosis: Alcohol Use Disorder / Smoker

Age of Onset: Teens

Treatment: None

Outcome: Unmanaged

PATERNAL GRANDMOTHER

Problem/Diagnosis: Alcohol Use Disorder / Smoker

Age of Onset: Adulthood

Treatment: None

Outcome: Unmanaged

PATERNAL GRANDFATHER

Died at Age 64 of reported, "natural causes." Donor does not have more info on this.

PATERNAL AUNT

Problem/Diagnosis: Stroke

Age of Onset: 50's

Treatment: hospital stay

Outcome: Resolved

CONCLUSION:

The above family medical history information has been self-reported by the donor. We work with each donor to obtain as complete and accurate information as possible, but we are unable to completely rule out the existence of other health information that is not known, or that remains unreported to us.

As a board certified genetic counselor, I have reviewed this donor's family medical history for identifiable patterns of inheritance that may place the donor or his biological offspring at increased risk for certain health problems. ("Increased risk" is risk that is greater than the risk in the general population).

The donor's sister is reported to have had anxiety in her 30s. Anxiety is a very common mental health condition, and the lifetime risk for any person to develop any anxiety disorder is between 15-25%. The risk to first degree relatives to also be affected with an anxiety disorder is increased over the general population risk to up to 31%. The empiric risks for second degree relatives (the degree to which offspring would be related) have not been well studied, but would be expected to be lower, either at or near the general population risk.

DATE: 9/2/2021

The donor also has a maternal uncle affected with autism and epilepsy. While these conditions can have a genetic component, offspring of this donor will be 3rd degree relatives to the affected individual. As the degree of relation is distant, the overall risk to offspring to be affected with the same condition is low.

As reported, there does not appear to be personal medical health history that would confer an increased risk beyond what is seen in the general population.

Please also refer to the donor's Invitae expanded carrier test report for more information on genetic testing completed and the donor's results. Donor 5904's results include information about potential increased lifetime cancer risk, and related screening recommendations.

Sincerely,

Janine Mash, LCGC
Certified Genetic Counselor
San Francisco Genetic Counseling