



Reproductive Technologies, Inc.

THE SPERM BANK OF CALIFORNIA

INTERVIEW NOTES: 5701

Donor 5701 came into our office with a bright and friendly smile. He is of mixed ancestry, Japanese, Polish and German. He has an oval head shape, full eyebrows, deep set eyes, and a slightly wide but pointed nose. Donor 5701 has jet black hair which was closely shaved on the sides with a full beard. He was wearing a casual short sleeved dark blue T-shirt which showed off his arm sleeve of tattoos (one of them being a family crest from his Japanese side), dark pants and a pair of black sunglasses that sat atop his head.

Donor 5701 was born and raised in Northern California as an only child. His mother worked in human resources and his father worked in software engineering. He described his mother as *intense* and *strict* in pushing him to do well. He also described her as the *conscientious one* out of her three sisters in making decisions for her family and taking care of donor 5701's grandmother. Donor 5701 described his father as *funny, outgoing, smart and very active* as he likes to play golf and tennis. His parents actually met playing tennis! Donor 5701's family was very active as they took a Ski Week trip every year while he was in grade school. He remembers going to Colorado and Canada for Ski Week. They also took a trip to Europe; France was his favorite country to visit.

Donor 5701 enjoyed school and studying; his favorite subjects were science and math. He read a lot of fantasy and science fiction books that his dad got him into. Donor 5701 said he felt middle school was a very important time for him intellectually and high school socially. He became more outgoing and joined different organizations such as Future Business Leaders of America, French National Honors Society, and Science Bowl and also did some cross country on the side. He is also very athletic as his parents had him playing tennis at an early age. He once played against his dad at 14 years old and beat him!

After high school, Donor 5701 went to college to study nuclear engineering then changed to physics. He was doing well academically his first year but found himself not doing so well his second year. He decided to take a break and join the army. He said he romanticized joining the army as he pictured signing on the dotted line then immediately departing but, of course, it did not happen that way. Once he completed his tour, Donor 5701 returned to school and got his degree in Mechanical Engineering. After graduating, he discovered a love of fitness and teaching others. Donor 5701 decided to become a personal trainer and then bought the gym near his home.

Donor 5701 enjoys road trips and being outdoors. He recalls driving across the country while being stationed in the East Coast to visit his family. Donor 5701 enjoys listening to music from the 80's while working out as well as ambient, electronic, and folk rock music. His favorite bands are Bon Iver, Paramore and Linkin Park. Donor 5701 also enjoys watching movies. His favorites are The Matrix, Gladiator, The Waterfront and Goodwill Hunting. Donor 5701 described his perfect day as starting with a road trip followed by a hike/run, coming back to throw something on the grill and have a beer with friends. Donor 5701's plans for the future are to expand the gym he owns and get more clients. He wants to eventually travel more, exploring different parts of Canada, going back to France and visiting Japan.

Donor 5701 is very ambitious, studious, and disciplined. We are excited to have him in our program!

Interviewed by Michelle K. and Carmen C. on 9/19/19



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DONOR PROFILE: 5701

The past and current personal and family medical history, physical examination, and laboratory test results determine that donor 5701 is eligible and approved for semen donation at THE SPERM BANK OF CALIFORNIA. This profile was prepared in January 2020 and updated in June 2022.

PERSONAL INFORMATION

- Identity-Release® Program: **Yes**
- Month/year of birth: **December 1990**
- Education: **BS Mechanical Engineering**
- Current occupation: **Fitness industry**
- Ethnic origin: **Japanese (50%), German, Polish**
- Religion born into: **None**
- Religion practicing: **None**

PHYSICAL CHARACTERISTICS

- Height: **5'10"**
- Weight: **192 lbs.**
- Hair color: **Dark brown**
- Hair type: **Wavy, thick, coarse**
- Eye color: **Dark brown**
- Complexion: **Light brown**
- Body type: **Medium**
- Blood group/Rh: **O+**
- Baby photo available: **Yes**
- Other distinguishing features: **High cheek bones**

FAMILY MEDICAL HISTORY

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

Allergies: **D: Allergy to Amoxicillin at 8, treatment avoidance, managed. M: Allergy to hair dye and lactose at unknown age, treatment avoidance, managed.**

Gastrointestinal: **D: Celiac disease at 60, treatment avoidance of gluten, managed. PGF: Stomach ulcer at 38, treatment medication, resolved.**

Heart: **M: High blood pressure at 40, treatment medication, managed. MGM: High blood pressure at 45, treatment medication, managed. High cholesterol at 55, treatment medication and diet change, managed. MGM: High blood pressure at 45, treatment medication, managed. Heart valve failure at 82, cause of death at**

82. PGF: Heart attack at 60, treatment quadruple bypass surgery, cause of death 3rd heart attack at 83. PU: High blood pressure at 50, treatment medication, managed.
Metabolic/Endocrine: **PGM: Thyroid cancer at 45, treatment surgery, resolved.**
Muscles/Bones/Joints: **M: Osteoporosis at 60, treatment exercise and diet change, managed. F: Osteoarthritis at 58, no treatment, managed. MGM: Osteoporosis at 70, treatment supplements, managed. MGF: Osteoarthritis at 50, treatment unknown surgery, ongoing.**
Respiratory (Lungs): **PGM: Emphysema at 65, treatment oxygen tank, cause of death at 88.**
Sight/Sound/Smell: **D: R: 20/50 L: 20/40. F: Glaucoma at 62, treatment eye drops, managed. MGM: Glaucoma at 88, treatment eye drops, managed.**
Skin: **M: Eczema at 60, treatment OTC medication, managed. F: Psoriasis at 55, treatment OTC medication, managed. PU: Melanoma at 55, treatment surgery, resolved.**
Cancer (see above): **PGM: Thyroid cancer at 45. PU: Melanoma at 55.**

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 02/21/2022. The results were **POSITIVE** for **Muscular dystrophy-dystroglycanopathy (FKTN)** and **Nijmegen breakage syndrome (NBN)**. Donor 5701 is a carrier for these conditions.

On 6/10/2022, Invitae updated the original ECS report: A finding, c.1003T>C (p.Phe335Leu) in SLC26A4, discovered in the original ECS test on 02/21/2022 has been reclassified, and is now considered pathogenic. When the lab performed this analysis, there was insufficient evidence to link this variant to the disease. Since then, new research has found the c.1003T>C (p.Phe335Leu) in SLC26A4 does appear to cause Pendred syndrome & other SLC26A4-related conditions when combined with another pathogenic variant in trans (i.e. the recipient is also a carrier for SLC26A4-related conditions).

*Based on this new information, the donor is now considered **POSITIVE** for **Muscular dystrophy-dystroglycanopathy (FKTN), Nijmegen breakage syndrome (NBN), and SLC26A4-related conditions.** Donor 5701 is a carrier for these conditions.*

Please review the updated carrier summary below.

It is strongly recommend that recipients who use this donor's sperm undergo carrier screening for all conditions this donor is a carrier for.

No other updates to the donor's results were disclosed to TSBC. Please refer to the donor's updated Invitae expanded carrier test report (06/10/2022) for more information on the testing completed and the donors results.

Testing was negative for the remainder of genes screened.

Disease	Result	Residual risk to be a carrier (based on Asian & European ancestry)
Muscular dystrophy-dystroglycanopathy (FKTN-related)	POSITIVE	n/a
Nijmegen breakage syndrome	POSITIVE	n/a
Pendred syndrome & other SLC26A4-related conditions	POSITIVE	n/a
Cystic Fibrosis	Negative	1 in 2,700

Disease	Result	Residual risk to be a carrier (based on Asian & European ancestry)
Spinal Muscular Atrophy	Negative: 2 copies exon 7 c.*3+80T>G variant not detected	1 in 701
HBB Hemoglobinopathies	Negative	1 in 5300
Alpha Thalassemia	Negative	1 in 191



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DONOR NARRATIVE: 5701

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.

I would describe myself as extroverted. I have a good sense of humor and can fill a room with my personality. I thrive in front of a crowd. I have always been focused and goal-oriented. I take pleasure in working on and solving problems. I enjoy any type of leadership role. I'm empathetic and get along well with almost anyone.

What are your interests and talents?

My favorite pastimes currently are reading and fitness. I'm happiest when I'm with other people, under the sun, challenging my body and my mind. In school, my favorite subjects were literature and math. I have a strong spatial intelligence and am good at visualizing things. I enjoy fixing things. I love to cook and make cocktails, and I am my friends' go-to person for movie trivia.

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

I currently own a business. My goal is to grow that business over the course of the next several years. I'd like to have a family of my own with many kids. I hope to travel to Europe and Japan sometime in the next five years.

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

Math: high interest and skill. I love math, it was my favorite subject in school.

Mechanical: average, though I enjoy fixing things!

Athletic: high interest and skill, I'm currently in the fitness industry

Musical, Artistic, Creative: low interest and skill. I love art, but never pursued it

Language (what languages besides English do you speak?): just English

Writing: I don't love writing, but I'm good at it. Actually, I'm probably better at writing than I am at math.

Literature: I love to read

Science: High interest, science has been a lifelong passion

Please list a few of your favorite:

Movies: Good Will Hunting, Jumper, Gladiator, the Matrix, The Godfather

Books/Authors: Ender's Game, Jane Austen, Mervyn Peake, Erik Rucker Eddison, Tale of Genji, Wheel of Time, If on a Winter's Night a Traveler

Albums/Musicians/Performances: Bon Iver, Phaeleh, Bonobo, Punk rock, folk rock, disney

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

My friend used artificial insemination to have a child. I think there are a lot of great potential parents out there and I'd like to help them have children!

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

Every child should be able to learn more about their origins if they choose to.

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

Best of luck to you and your family!



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HEALTH PROBLEMS LIST DONOR 5701

FAMILY MEMBER	HEALTH PROBLEM	TREATMENT/OUTCOME
Donor	Allergy (amoxicillin)	Diagnosis/age of onset: amoxicillin/8 Treatment: avoidance/used other antibiotics Outcome: managed
Mother	High Blood Pressure	Diagnosis/age of onset: high blood pressure/40 Treatment: medication Outcome: managed
	Allergies (hair dye, lactose)	Diagnosis/age of onset: allergic to hair dye and lactose Treatment: avoidance Outcome: managed
	Osteoporosis	Diagnosis/age of onset: osteoporosis/60 Treatment: exercise, diet change (protein, vegetables) Outcome: managed
	Eczema	Diagnosis/age of onset: eczema/60 Treatment: dove soap, cerave cream Outcome: managed
Father	Celiac disease	Diagnosis/age of onset: celiac disease/60 Treatment: diet changes (avoid gluten) Outcome: managed
	Osteoarthritis	Diagnosis/age of onset: arthritis/58 Treatment: none Outcome: managed
	Psoriasis	Diagnosis/age of onset: psoriasis/55 Treatment: shampoo change, scalp medication Outcome: managed

(Father continued from previous page)

	Glaucoma	Diagnosis/age of onset: glaucoma/62 Treatment: eye drops Outcome: managed
Maternal Grandmother	High Blood Pressure	Diagnosis/age of onset: high blood pressure/45 Treatment: medication Outcome: managed
	High Cholesterol	Diagnosis/age of onset: high cholesterol/55 Treatment: medication/diet change Outcome: managed
	Osteoporosis	Diagnosis/age of onset: osteoporosis/70 Treatment: calcium Outcome: managed
	Glaucoma	Diagnosis/age of onset: glaucoma/88 Treatment: eye drops Outcome: managed
Maternal Grandfather	High Blood Pressure	Diagnosis/age of onset: high blood pressure/45 Treatment: medication Outcome: managed
	Osteoarthritis	Diagnosis/age of onset: osteoarthritis/50 Treatment: surgery Outcome: unresolved
	Heart Valve Failure	Diagnosis/age of onset: heart valve failure/82 Treatment: none Outcome: Cause of death at age 82
Paternal Grandmother	Thyroid Cancer	Diagnosis/age of onset: thyroid cancer /45 Treatment: surgery Outcome: resolved
	Emphysema	Diagnosis/age of onset: emphysema/65 Treatment: oxygen tank Outcome: Cause of death at age 88

Paternal Grandfather	Heart Attack	Diagnosis/age of onset: heart attack/60 Treatment: quadruple bypass surgery Outcome: died at age 83 after 3 rd heart attack
	Stomach Ulcer	Diagnosis/age of onset: stomach ulcer/38 Treatment: milk of magnesia Outcome: resolved
Paternal Uncle	High Blood Pressure	Diagnosis/age of onset: high blood pressure/50 Treatment: medication Outcome: managed
	Melanoma	Diagnosis/age of onset: Melanoma/55 Treatment: Surgery Outcome: resolved

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 family medical history is significant for celiac disease and psoriasis in his father. Both of these conditions are autoimmune disorders. His father developed these conditions later in life, at ages 60 and 55, respectively.

Offspring of 5701 are at an increased risk for celiac disease, but this risk is relatively low (about 2.5% chance of being affected or 97.5% chance of being unaffected during their lifetime.) Offspring are also considered to be at increased risk for psoriasis or other autoimmune conditions in general, over the background population risk. Psoriasis is a relatively common condition, affecting 2-3% of the general population; 20% of the general population is affected with *any* autoimmune condition.

Janine Mash, LCGC
Certified Genetic Counselor